

# EMPLOYMENT and EARNINGS

## and

### MONTHLY REPORT on the LABOR FORCE

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Continued on following page.

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#### CAUTION

Periodically, the Bureau 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. All industry statistics shown in this report are adjusted to a March 1965 benchmark. Data from April 1965 forward are subject to revision at the time of the next benchmark adjustment. The user is referred to the technical note in the back of this volume for further details regarding the benchmark adjustments as well as other aspects of the program.

Beginning with September 1966 and subsequent issues of Employment and Earnings and Monthly

Report on the Labor Force, data in tables B-1 through B-6, C-1 through C-8 and D-1 through D-4 are based on March 1965 benchmarks. Therefore issues prior to September 1966 cannot be used in conjunction with national industry data now shown in sections B, C, and D. Comparable data for prior periods will be published in Employment and Earnings Statistics for the United States, 1909-66, BLS Bulletin 1312-4.

When industry data are again adjusted to new benchmarks, another edition of Employment and Earnings Statistics for the United States will be issued containing the revised data extending from April 1965 forward to a current date, as well as the prior historical statistics.

<sup>1</sup>Quarterly data included in February, May, August, and November issues.

# SUMMARY EMPLOYMENT AND UNEMPLOYMENT DEVELOPMENTS, OCTOBER 1966

The employment situation in October remained about the same as in recent months. Highlights of the October figures are as follows:

1. Total employment rose by 500,000 to 74.7 million in October. After adjustment for usual seasonal developments, this figure was unchanged from September and up only slightly from June. Small reductions in agricultural employment and self employment were offset by a corresponding rise in the number of nonfarm wage and salary earners.
2. Nonagricultural employment stood at 70.4 million in October, up 2.2 million from a year ago. At 4.3 million in October, agricultural employment was down 600,000 from the previous October.
3. Payroll employment in construction was down 80,000 over the month. The decline was 30,000 more than seasonal, marking the fourth successive month of small declines.
4. The Negro unemployment rate, at 7.6 percent, was not significantly different from the 7.9 percent average of the May-September period. The unemployment rate for whites was 3.4 percent in October, equaling the average for the May-September period.
5. The over-all unemployment rate was 3.9 percent in October (seasonally adjusted), virtually unchanged from September. Unemployment, at 2.5 million in October, was at its lowest level since October 1957.

## Payroll Employment, Hours, and Earnings

Increases in wage and salary employment in retail trade, services, and State and local government accounted for the bulk of an over-all increase of 190,000 (seasonally adjusted) payroll jobs. The improvement offset a modest decline in September and left payroll employment nearly 400,000 above the June level. The rate of employment growth has slowed over the year, with quarter-to-quarter gains of 1 million in the first quarter, 800,000 in the second quarter, and 500,000 in the third quarter.

Employment in contract construction declined by 80,000 between September and October. The decline was 30,000 greater than seasonal. At 3.4 million, construction employment was virtually unchanged from a year earlier but was down nearly 200,000 (seasonally adjusted) from the March peak. The unemployment rate for private wage and salary workers in construction, at 9 percent in September and October, was up from the 7 percent rate of June and July.

Manufacturing employment, which usually declines seasonally by 100,000 from September to October, fell by 25,000 to 19.5 million. As compared with October 1965, manufacturing employment was up 1 million, with the largest gains in electrical equipment (240,000), transportation equipment (175,000), and machinery (150,000).

The factory workweek edged down to 41.4 hours in October. A slight increase is usual in October; however, average hours had been at high levels most of the summer. Factory production workers' average hourly earnings rose 1 cent to \$2.75 in October. Their weekly earnings averaged \$113.85, a new high. Over the year, hourly earnings were up 11 cents and weekly earnings were up \$4.82.

## Unemployment

Total unemployment declined seasonally by 50,000 to 2.5 million. Over the year, unemployment was down 250,000, with the entire net decline among persons seeking full-time work. The unemployment rate for full-time workers was 3.4 percent in October, down from 3.8 percent a year earlier. The situation for part-time workers--the vast majority of whom are women and teenagers--was virtually unchanged over the year.

In October--the seasonal low month for unemployment, there were 840,000 unemployed adult men, all but 80,000 of them seeking full-time jobs. Of the 970,000 unemployed women, over one-fifth were seeking part-time employment. Approximately half of the 715,000 teenage jobseekers were in school and seeking only part-time work. The reduction of 250,000 in unemployment from October 1965 occurred among adult workers, with nearly 80 percent of the drop among men. The number of unemployed teenagers was not substantially reduced over the year, but the employment increase of 200,000 teenagers was large enough to more than absorb their labor force expansion.

Unemployment rates for men (2.4 percent), women (4.0 percent), and teenagers (11.9 percent) were not significantly changed over the month, or since the beginning of the year. However, the over-all rate was down from 4.3 percent in October 1965 to 3.9 percent in October 1966. About two-thirds of the improvement occurred among those out of work 15 weeks or longer.

## Insured Unemployment

State insured unemployment, which normally shows little change at this time of year, edged down by less than 5,000 between mid-September and mid-October to 752,000. Except for a drop of 8,000 in New York--due mainly to a seasonal pickup in apparel plants, the changes in each of the States amounted to less than 5,000.

Initial claims, representing new unemployment among covered workers, were not significantly changed at mid-October from a month earlier but, at 153,000, were the lowest for any comparable week since 1947. Moreover, the level of persons exhausting their State benefit rights during September (50,000) was the lowest for any month since November 1952.

Recent Weekly State Insured Unemployment Data  
(In thousands)

Week ended	Current			Year earlier		
	Initial claims	Insured unemployment	Rate (percent)	Initial claims	Insured unemployment	Rate (percent)
<u>1966</u>						
September 17...	155	756	1.6	177	962	2.1
September 24...	144	743	1.6	171	930	2.0
October 1.....	144	723	1.5	177	922	2.0
October 8.....	178	730	1.5	200	920	2.0
October 15.....	153	752	1.6	178	939	2.1
October 22.....	165	754	1.6	193	938	2.1
October 29.....	165	--	--	188	--	--

The insured jobless rate, at 1.6 percent in October, was unchanged from September but down from 2.1 percent a year earlier. (Seasonally adjusted, the rate edged down from 2.2 to 2.1 percent over the month.) Only four States had unadjusted rates of 2.5 percent or above--Alaska (4.1), Nevada (3.9), California (3.2), and

Hawaii (2.5). On the other hand, the insured unemployment rates were 1.0 percent or less in 19 States, including such large States as Illinois, Indiana, Michigan, Ohio, and Texas.

### Labor Force

The total labor force increased 1.8 million over the year to 80.5 million in October. The Armed Forces were up 500,000 to nearly 3.3 million, and the civilian labor force increase was 1.3 million.

The bulk of the civilian labor force increase (over 1 million) occurred among women, with small increases among teenagers (150,000) and men (only 100,000). These differences in trend reflect the comparative shortage of adult men; 97 percent of all men aged 25 to 54 are in the labor force, and only 2.1 percent are unemployed.

Chart 1.

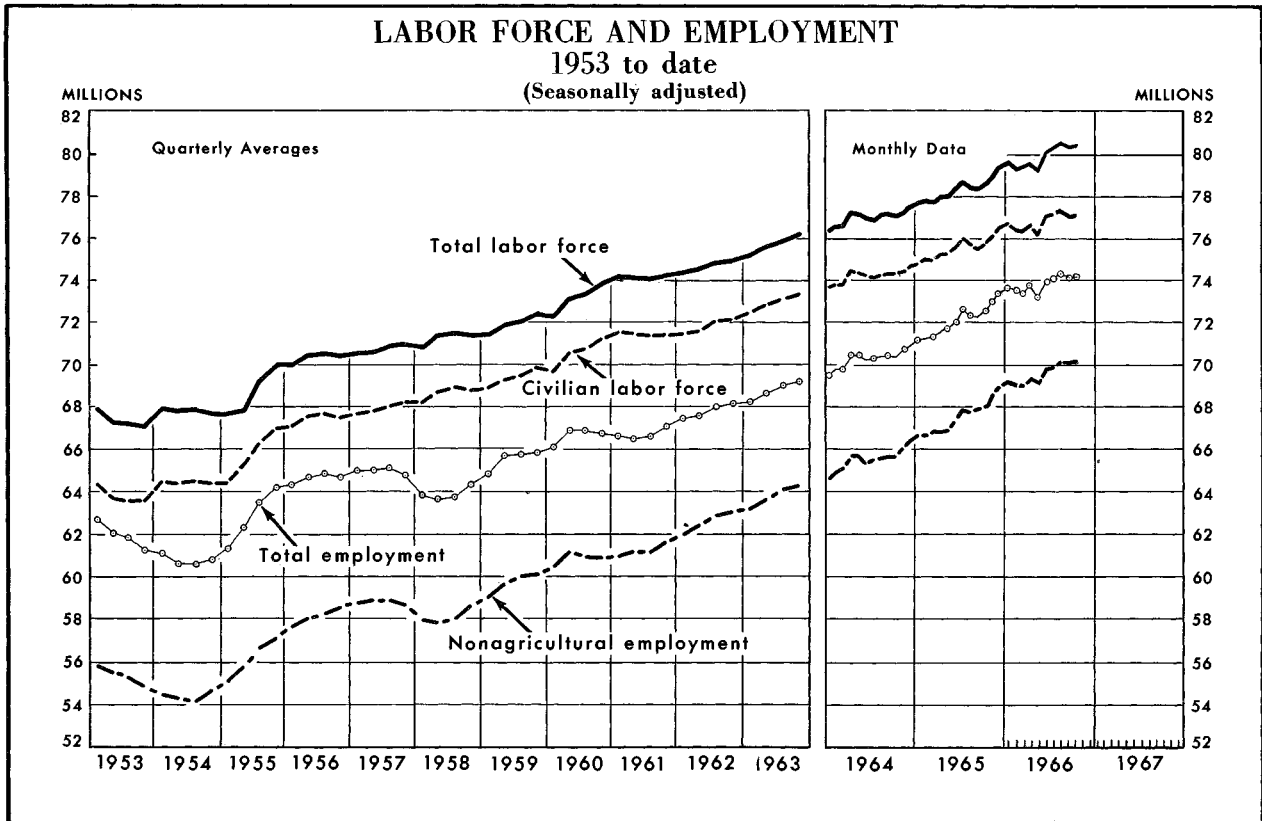


Chart 2.

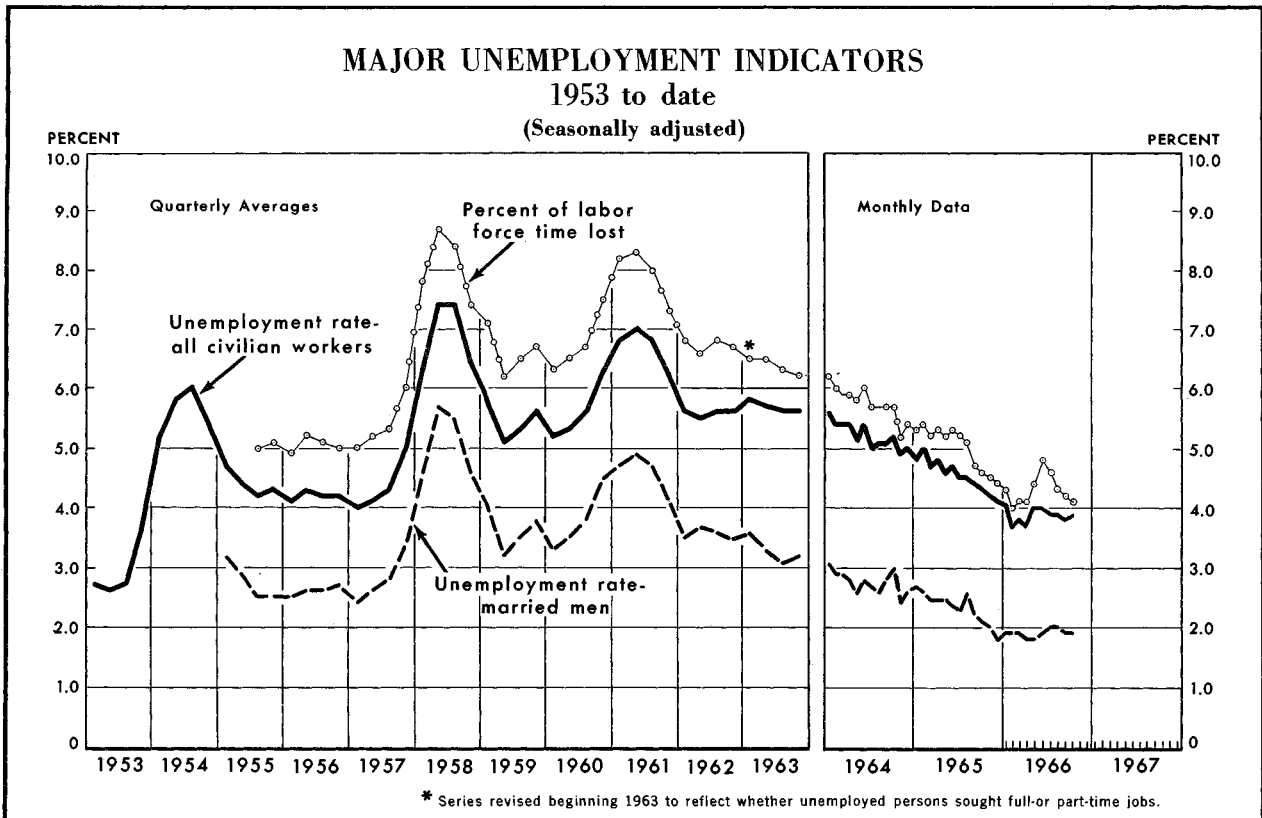


Chart 3.

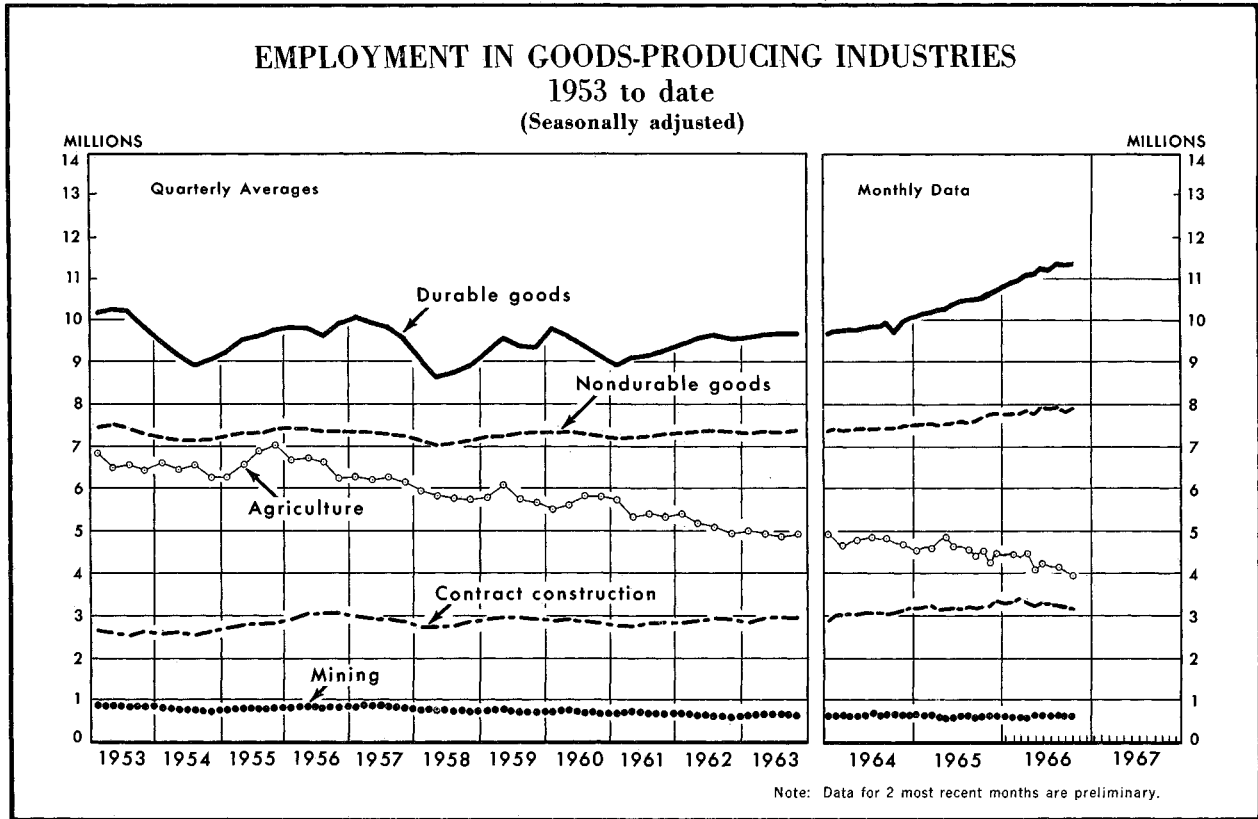


Chart 4.

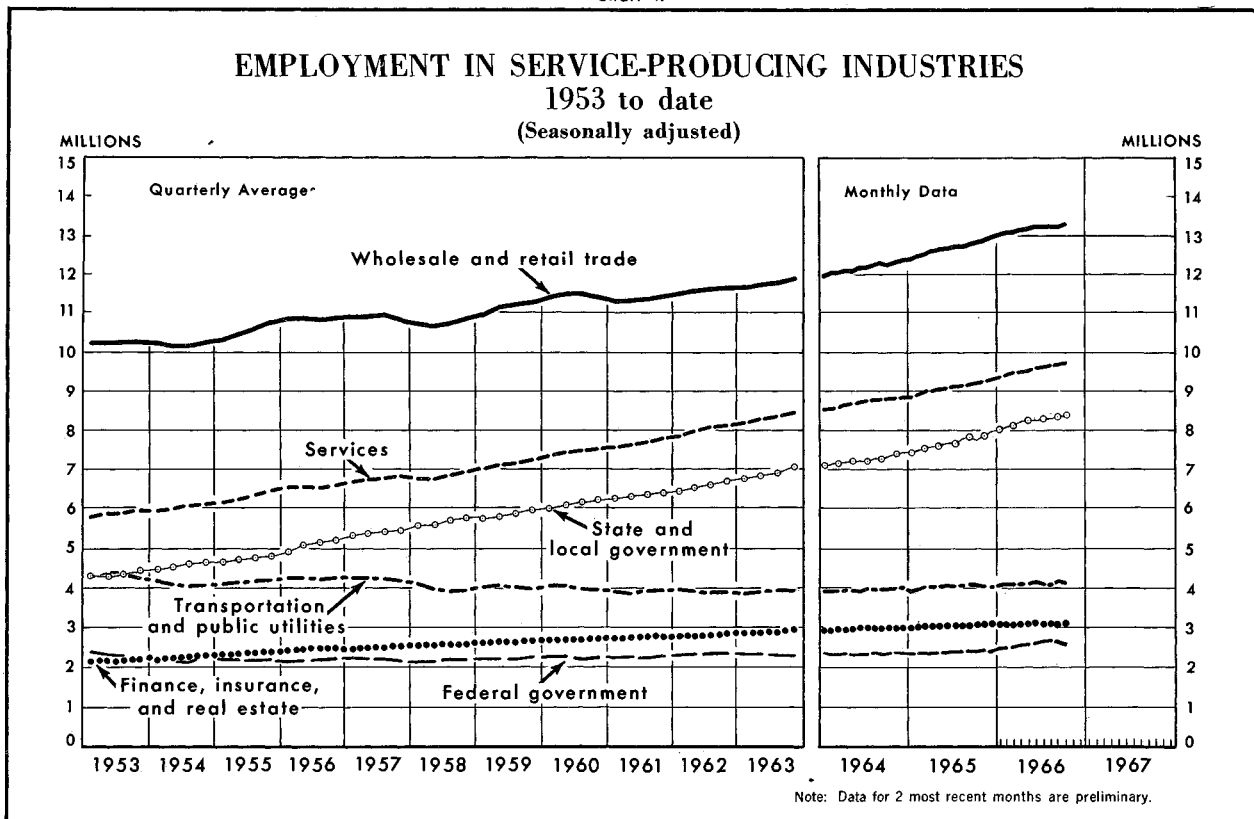


Chart 5.

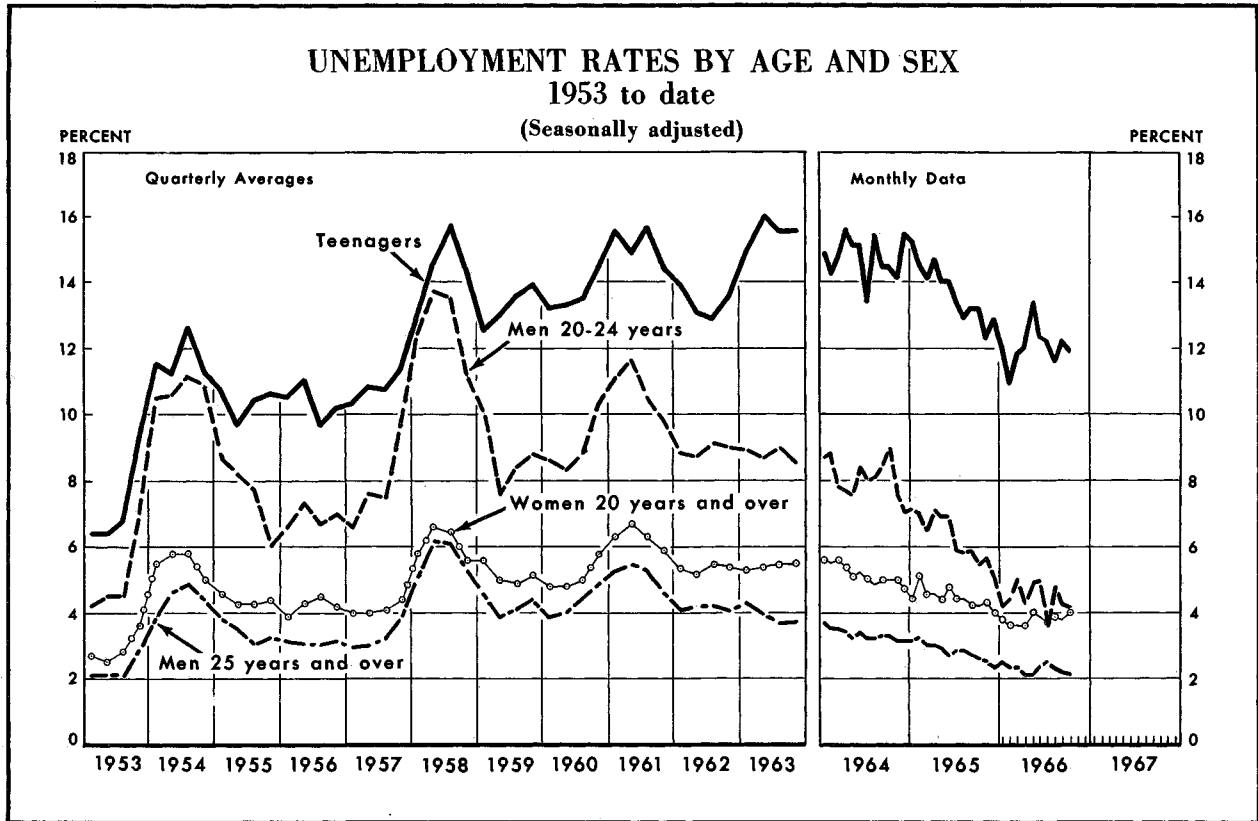


Chart 6.

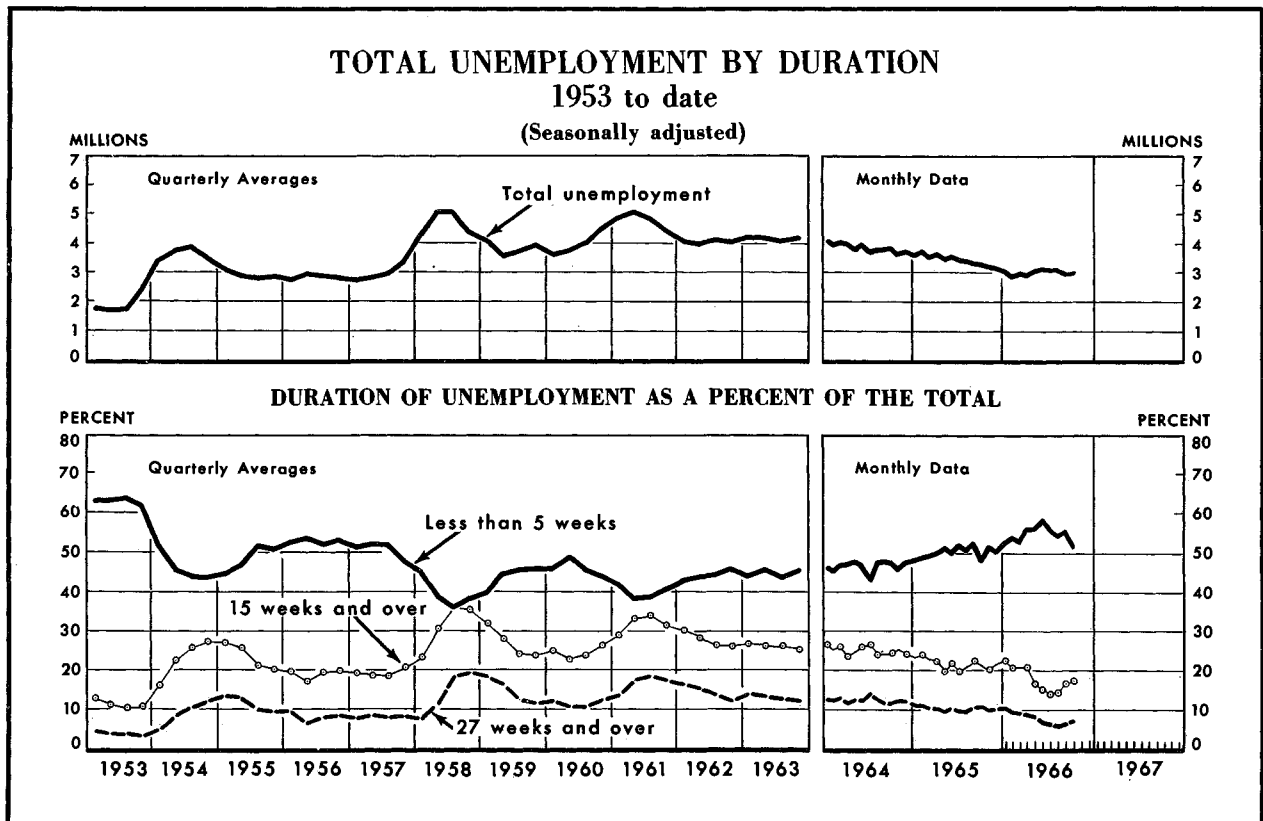
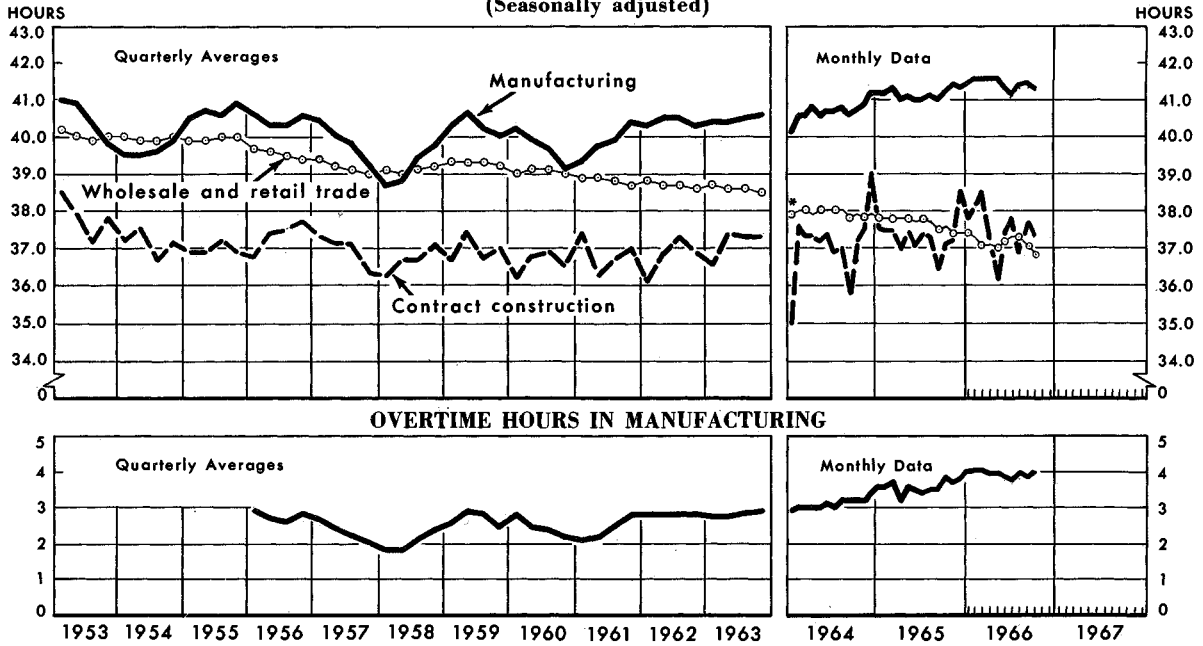




Chart 7.

### HOURS OF WORK IN MANUFACTURING, CONTRACT CONSTRUCTION, AND TRADE 1953 to date

(Seasonally adjusted)

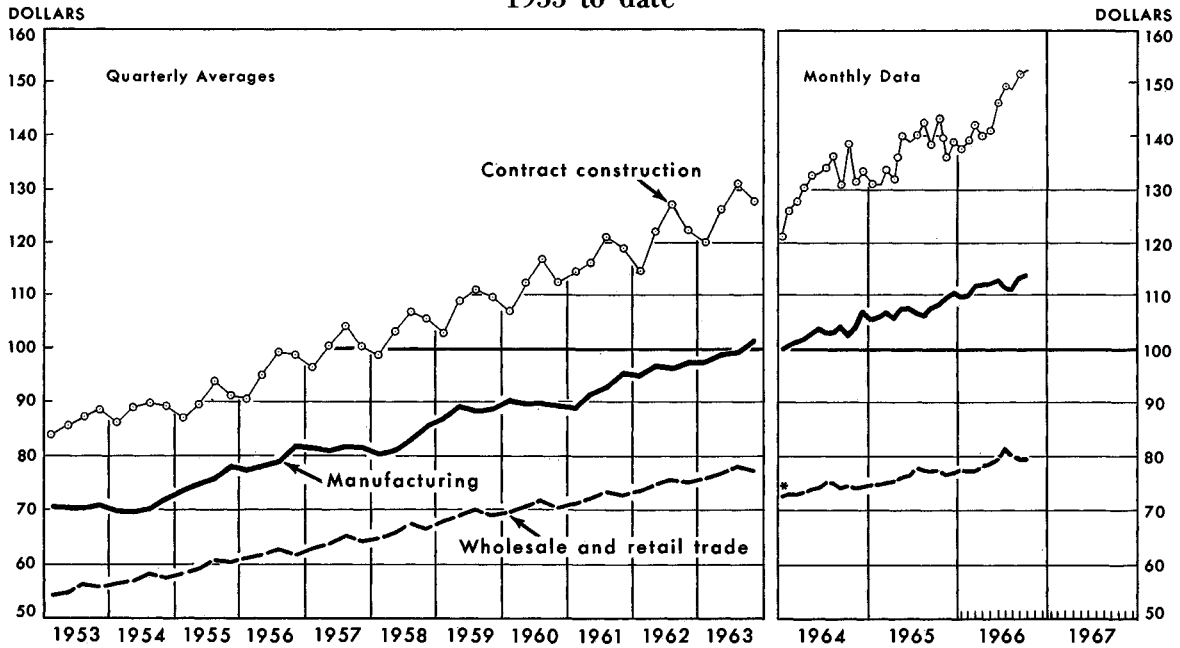


\* Includes eating and drinking establishments, not previously available.

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.

Chart 9.

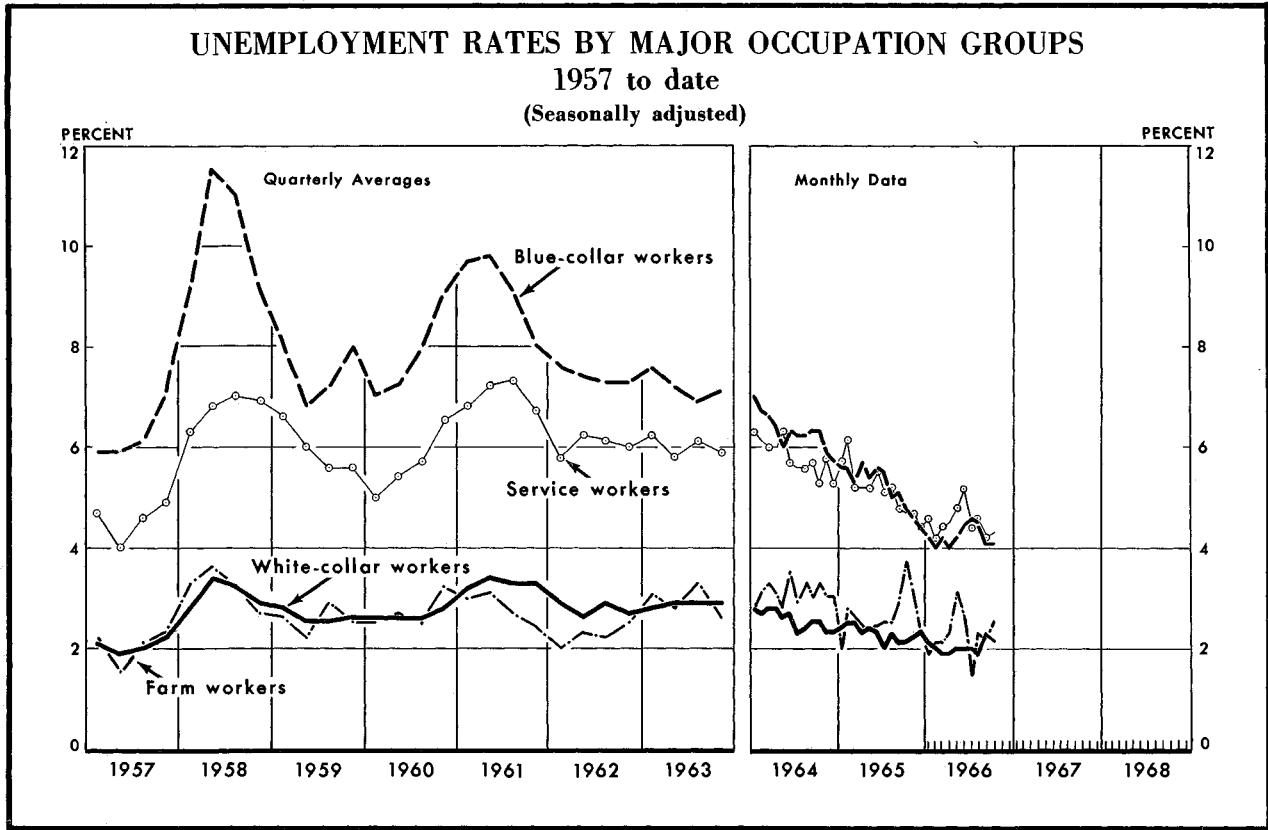
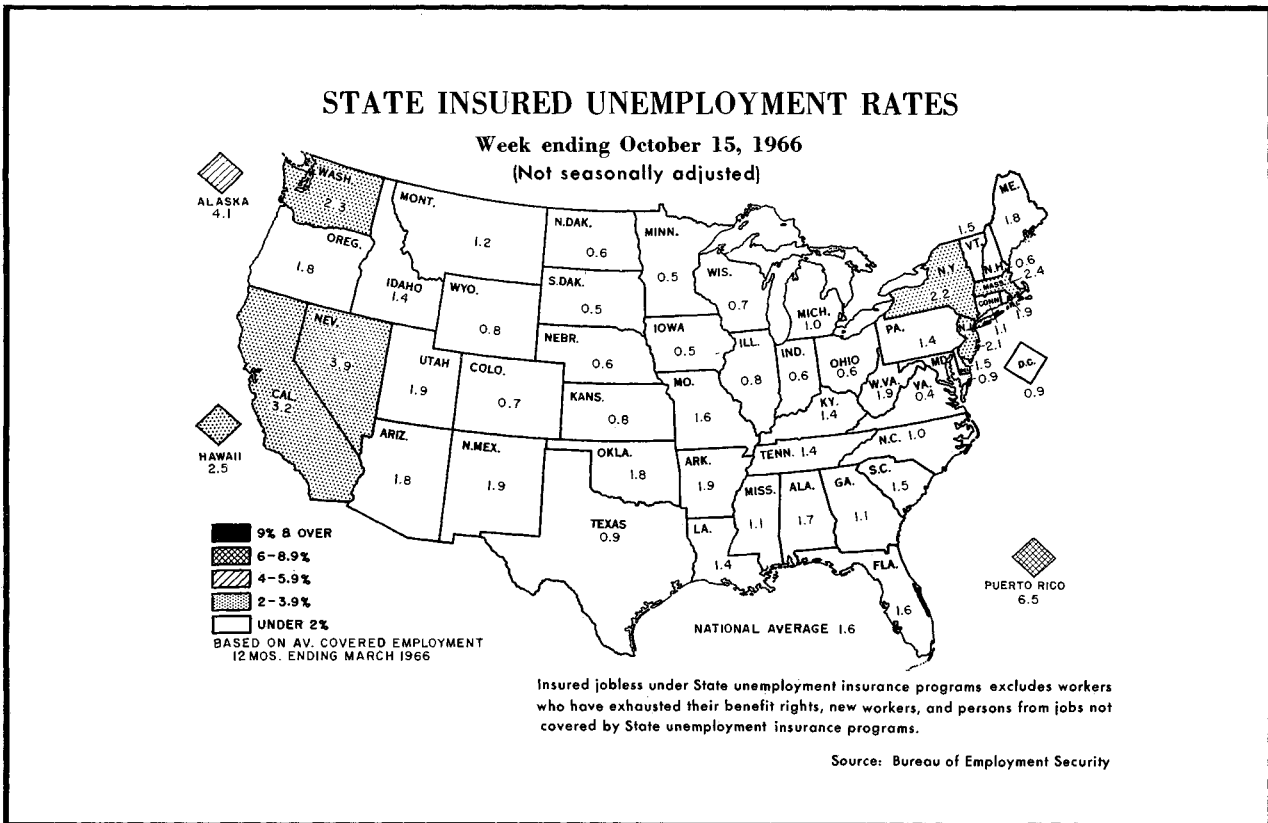


Chart 10.



# WOMEN ON NONAGRICULTURAL PAYROLLS

by Carol M. Utter\*

The Nation's economy has for some time been heavily dependent on its female work force. Nearly 22 million women were on nonagricultural payrolls in July 1966, accounting for over one-third of the total. Furthermore, 1 out of every 2 persons added to payrolls between July 1965 and July 1966 was a woman. Of the 1-1/2 million increase in women employees, over 400,000 were added to both manufacturing and government, while most of the rest went on trade and service payrolls. (See table 1.)

This issue of Employment and Earnings and Monthly Report on the Labor Force introduces, for the first time, estimates of the total number of women on nonagricultural payrolls. (See table B-3, page 39.) This expansion in published detail means that estimates of women employees are available for 386 industries with totals for all 8 major industry divisions. Previously, estimates for total, service, government, contract construction, and transportation and public utilities were not published, although data on some components have been available since 1960. Data for the industries included in the current expansion begin with 1964. Estimates for July and April 1966 and July 1965 are shown in table B-3 and will continue to appear, on a quarterly basis, for the months of January, April, July, and October of each year.

Table 1. Women employees on payrolls of nonagricultural establishments, by industry division, July of 1964, 1965, and 1966

	July 1966		July 1965		July 1964	
	Number (000)	Percent of total empl.	Number (000)	Percent of total empl.	Number (000)	Percent of total empl.
Total.....	21,825	34.0	20,325	33.3	19,329	33.0
Mining.....	34	5.3	34	5.3	34	5.3
Contract construction.....	154	4.3	147	4.3	145	4.3
Manufacturing.....	5,110	26.7	4,685	25.9	4,472	25.9
Durable goods.....	2,144	19.1	1,859	17.8	1,731	17.6
Nondurable goods.....	2,966	37.5	2,826	37.0	2,741	36.8
Transportation and public utilities.....	787	18.9	761	18.6	735	18.4
Wholesale and retail trade....	5,015	37.9	4,790	37.8	4,558	37.5
Wholesale.....	776	22.1	732	21.8	704	21.9
Retail.....	4,239	43.6	4,058	43.5	3,854	43.1
Finance, insurance and real estate.....	1,578	50.1	1,520	49.5	1,494	49.6
Services and miscellaneous....	5,003	51.1	4,668	50.3	4,438	49.9
Government.....	4,144	39.3	3,720	38.1	3,453	37.4
Federal.....	631	23.9	544	22.6	528	22.4
State and local.....	3,513	44.4	3,176	43.2	2,925	42.5

\*Of the Division of Industry Employment Statistics, Bureau of Labor Statistics.

There appears to be no indication from the figures that women are taking jobs that traditionally are held by men. On the other hand, the fastest growing industries in recent years were those which normally utilize large numbers of women; these industries include services, government, and retail trade. Employment in mining and contract construction, with relatively few women, remained fairly stable. The greatest expansion among manufacturing industries, took place in electrical equipment and supplies, largely as a result of the phenomenal growth in electronics. Women workers seem particularly well adapted for activities such as assembling and inspecting small components. Nearly 130,000 women employees were added to the payrolls of the electrical equipment and supplies industry between July 1965 and July 1966. In hospitals, where women outnumber men by 4 to 1, employment increased by nearly one-third during the period 1960-65 (table 2).

Figures on women employed in manufacturing have been available since 1950. In the overall manufacturing group, the ratio of women to the total employed has remained close to 26 percent. This percentage was exceeded only slightly during the early 1950's when more women were engaged in factory employment during the Korean conflict, and again in 1966 in response to the Viet Nam effort. There have been, however, a number of significant changes in the ratios of women in some of the smaller manufacturing industries. In tobacco manufactures the percentage of women dropped from 55 percent in 1950 to 44 percent in 1966, while in petroleum refining during the same period, the ratio increased from 5 to 9 percent and in leather goods from 46 percent to 55 percent (table 3). These shifts reflect changes in technologies and the growth of nonproduction worker employment. Since total employment has risen in the durable goods industries more than in nondurable goods industries, the proportion of all women workers in manufacturing who worked in the durable goods industries increased. Of all women employed in manufacturing in July 1950, 66 percent were in nondurable goods industries; by July 1966 this proportion had declined to 58 percent. Consequently, the proportion in durable goods rose from 34 percent to 42 percent. As previously noted, the bulk of the increase in durable goods occurred in the electrical equipment and supplies industry.

Although separate earnings information for women employees is not available from the monthly payroll survey, there is evidence to suggest that women workers generally receive the lowest pay. Examples of industries with very low earnings include limited price variety stores in which over 80 percent of the employees are women; laundries and dry cleaning establishments with over 65 percent women employees; and hotels, tourist courts, and motels with nearly 50 percent women. In nondurable goods manufacturing, apparel and leather products, where more than half of the employees are women, have the lowest earnings. Electrical equipment and supplies, and miscellaneous manufacturing industries, with heavy concentrations of women, are among the lower paying durable goods industries.

Although many payroll series go back to the 1930's and earlier, those for women employees were introduced at a relatively recent date. They should not be confused with the BLS series on the number of women employed in nonagricultural industries that is obtained from the monthly household survey. Historical estimates on women from this source are available in considerable depth (see the A-tables in this report). However, there are significant differences in concept and scope. For example, the payroll series exclude unpaid family workers and

Table 2. Women employees on payrolls of selected nonagricultural establishments, 1960 and 1965

Industry group or selected industry	1965 Annual Average		1960 Annual Average		Percent change, 1960-65
	Number (000)	Percent of total empl.	Number (000)	Percent of total empl.	
Manufacturing, total.....	4,762	26.4	4,372	26.0	8.9
Durable goods, total....	1,886	18.2	1,681	17.8	12.2
Electrical equipment and supplies.....	639.7	38.6	534.6	36.4	19.7
All other durables ....	1,246.3	14.3	1,146.4	14.3	8.7
Nondurable goods, total.	2,876	37.6	2,691	36.7	6.9
Food.....	421.7	24.1	426.8	23.8	-1.2
Textiles.....	405.6	44.0	401.5	43.4	1.0
Apparel.....	1,074.6	79.4	962.2	78.0	11.7
All other nondurables .	974.1	26.9	900.5	26.6	8.2
Wholesale trade.....	731	22.0	681	22.7	7.3
Retail trade <sup>1/</sup> .....	4,128	44.1	3,615	43.1	14.2
Department stores....	808.7	69.0	652.7	71.2	23.9
Limited price variety stores.....	255.1	81.2	277.7	84.8	-8.1
Apparel and accessories stores.....	416.2	65.2	401.4	64.8	3.7
Eating and drinking places.....	1,128.9	58.2	904.1	54.7	24.9
Drug stores.....	233.1	58.1	211.2	57.4	10.4
Finance, insurance, and real estate <sup>1/</sup> .....	1,501	49.7	1,341	50.2	11.9
Banking.....	477.1	60.3	410.1	61.0	16.3
Insurance carriers....	435.3	48.9	417.2	50.2	4.3
Real estate.....	202.6	35.6	189.2	36.6	7.1
Other industries:					
Telephone communi- cation.....	406.1	55.2	403.7	57.2	.6
Hotels, tourist courts, and motels.....	279.7	48.3	244.4	48.1	14.4
Laundries and dry cleaning establishments	363.0	66.4	340.1	65.1	6.7
Hospitals.....	1,104.5	80.9	835.2	81.1	32.2

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

domestic servants in private homes, 2 sectors which include a large number of women employees, whereas these workers are covered by the household survey. In addition, the household survey includes proprietors and other self-employed persons who are not counted in the payroll series. A more detailed explanation and additional differences are outlined in the "Technical Note" in the back of this publication.

Establishment-based series on the number of women production workers in selected manufacturing industries were first published during World War II. The data were compiled with the objective of determining the extent to which women workers were contributing to the war effort by accepting jobs in factories. The earliest data available are for October 1940. Subsequent data for selected months were published through 1942 and for succeeding periods through May 1947, by month. All of these series appear in the 1947 edition of the Handbook of Labor Statistics (BLS Bulletin 916); some had previously appeared in a series of BLS pamphlets entitled Women in Factories. These series are not comparable with those currently published because current data relate to all employees on the payrolls of establishments; that is, they include white-collar workers and supervisory employees, and are not confined, as the earlier series, to production workers. Furthermore, in many cases, the older series were based on industry definitions which have been superseded.

Series based on the current definitions begin in 1950 for the major manufacturing industries and in 1958 for the remaining manufacturing industries. Estimates on the employment of women were computed quarterly for the months of January, April, July, and October during the earlier period (1950 through 1958) and for all months, beginning in 1959. Monthly series on women in many nonmanufacturing industries are available beginning with 1960 data. Those introduced in this report begin with 1964.

The comparable historical series available for all currently published industries will appear in Employment and Earnings Statistics for the United States, 1909-66, BLS Bulletin T312-4.

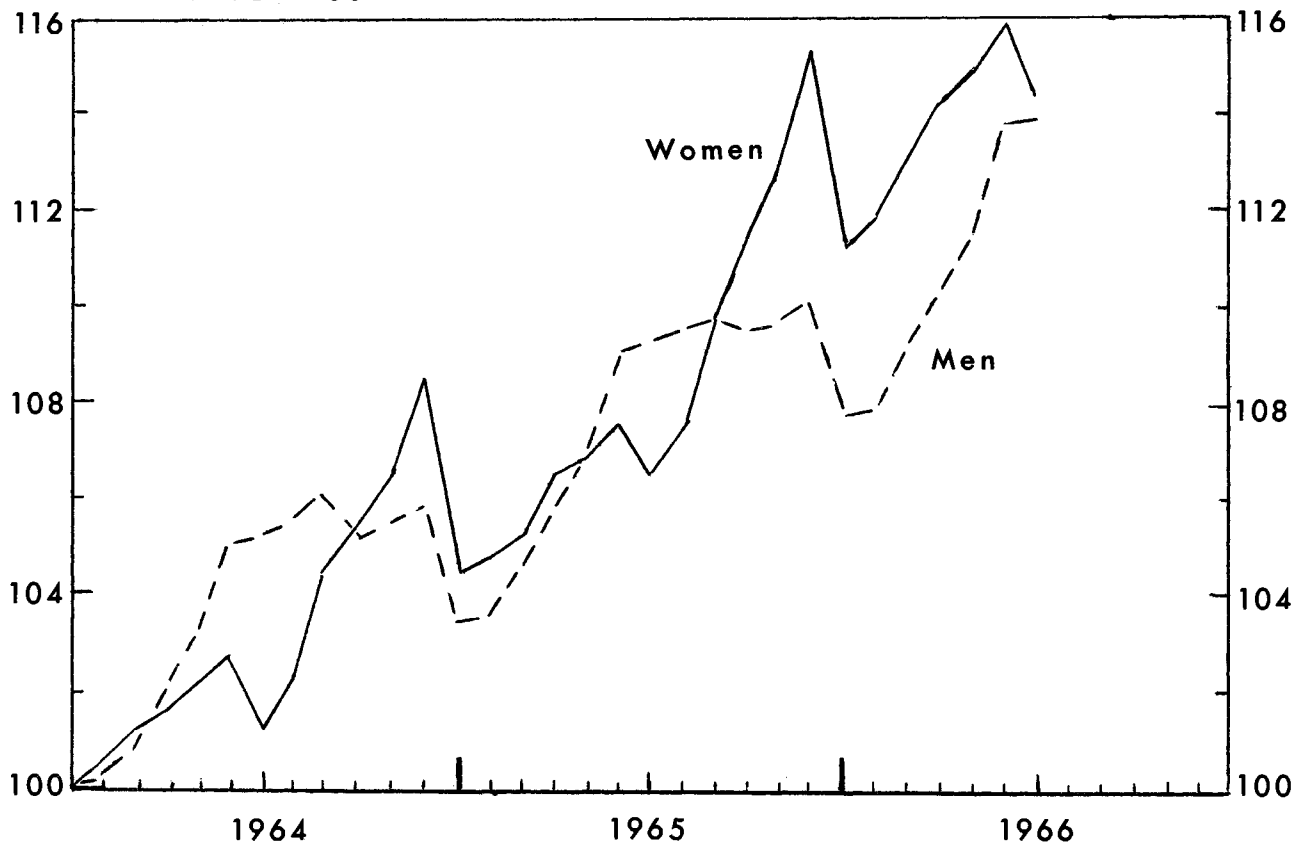
Table 3. Distribution of all employees and women employees in manufacturing, by industry, July 1966 and July 1950

(Employees in thousands)

	July 1966				July 1950			
	All employees	Women employees			All employees	Women employees		
		Number	Percent of all employees	Percent distribution		Number	Percent of all employees	Percent distribution
Manufacturing.....	19,123	5,110	26.7	100.0	15,153	3,846	25.4	100.0
Durable goods.....	11,213	2,144	19.1	42.0	8,077	1,297	16.1	33.7
Ordnance and accessories.....	256.4	50.2	19.6	1.0	28	5.0	17.9	.1
Lumber and wood products, except furniture....	648.5	50.6	7.8	1.0	833	53.3	6.4	1.4
Furniture and fixtures.....	451.9	88.1	19.5	1.7	357	57.0	16.0	1.5
Stone, clay, and glass products.....	661.6	103.0	15.6	2.0	552	85.0	15.4	2.2
Primary metal industries.....	1,353.4	81.8	6.0	1.6	1,248	68.7	5.5	1.8
Fabricated metal products.....	1,339.2	224.3	16.7	4.4	981	172.7	17.6	4.5
Machinery.....	1,887.5	250.4	13.3	4.9	1,201	151.3	12.6	3.9
Electrical equipment and supplies.....	1,887.8	758.0	40.2	14.8	972	355.8	36.6	9.3
Transportation equipment.....	1,865.3	197.0	10.6	3.9	1,288	119.8	9.3	3.1
Instruments and related products.....	429.3	153.3	35.7	3.0	242	80.7	33.3	2.1
Miscellaneous manufacturing industries.....	431.9	187.4	43.4	3.7	375	148.0	39.5	3.8
Nondurable goods.....	7,910	2,966	37.5	58.0	7,076	2,549	36.0	66.3
Food and kindred products.....	1,806.8	435.7	24.1	8.5	1,877	437.4	23.3	11.4
Tobacco manufactures.....	73.8	32.8	44.4	.6	92	50.8	55.2	1.3
Textile mill products.....	947.5	420.7	44.4	8.2	1,208	516.0	42.7	13.4
Apparel and related products.....	1,353.1	1,075.1	79.5	21.0	1,137	837.1	73.6	21.8
Paper and allied products.....	678.2	141.0	20.8	2.8	478	113.3	23.7	2.9
Printing, publishing, and allied industries.....	1,030.4	311.5	30.2	6.1	744	202.4	27.2	5.3
Chemicals and allied products.....	970.3	186.9	19.3	3.7	630	115.3	18.3	3.0
Petroleum refining and related industries.....	190.1	17.0	8.9	.3	214	11.1	5.2	.3
Rubber and miscellaneous plastics products....	509.6	153.9	30.2	3.0	305	87.0	29.5	2.3
Leather and leather products.....	350.3	191.8	54.8	3.8	391	178.7	45.7	4.6

## Index of Change in the Number of Men and Women on Nonagricultural Payrolls, 1964-66

Index Jan. 1964=100



HOUSEHOLD DATA

Table A-1: Employment status of the noninstitutional population 14 years and over, 1929 to date

Year and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force	
		Number	Percent of population	Total	Employed <sup>1</sup>			Unemployed <sup>1</sup>		Percent of labor force		
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force			
									Not seasonally adjusted			Seasonally adjusted
1929.....	(2)	49,440	(2)	49,180	47,630	10,450	37,180	1,550	3.2	-	(2)	
1930.....	(2)	50,080	(2)	49,820	45,480	10,340	35,140	4,340	8.7	-	(2)	
1931.....	(2)	50,680	(2)	50,420	42,400	10,290	32,110	8,020	15.9	-	(2)	
1932.....	(2)	51,250	(2)	51,000	38,940	10,170	28,770	12,060	23.6	-	(2)	
1933.....	(2)	51,840	(2)	51,590	38,760	10,090	28,670	12,830	24.9	-	(2)	
1934.....	(2)	52,490	(2)	52,230	40,890	9,900	30,990	11,340	21.7	-	(2)	
1935.....	(2)	53,140	(2)	52,870	42,260	10,110	32,150	10,610	20.1	-	(2)	
1936.....	(2)	53,740	(2)	53,440	44,410	10,000	34,410	9,030	16.9	-	(2)	
1937.....	(2)	54,320	(2)	54,000	46,300	9,820	36,480	7,700	14.3	-	(2)	
1938.....	(2)	54,950	(2)	54,610	46,220	9,690	34,530	10,390	19.0	-	(2)	
1939.....	(2)	55,600	(2)	55,230	45,750	9,610	36,140	9,480	17.2	-	(2)	
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200	
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990	
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230	
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100	
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590	
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230	
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550	
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850	
1948.....	108,632	62,898	57.9	61,442	59,117	7,960	51,156	2,325	3.8	-	45,733	
1949.....	109,773	63,721	58.0	62,105	58,423	8,017	50,406	3,682	5.9	-	46,051	
1950.....	110,929	64,749	58.4	63,099	59,748	7,497	52,251	3,351	5.3	-	46,181	
1951.....	112,075	65,983	58.9	62,884	60,784	7,048	53,736	2,099	3.3	-	46,092	
1952.....	113,270	66,560	58.8	62,966	61,035	6,792	54,243	1,932	3.1	-	46,710	
1953 <sup>3</sup> .....	115,094	67,362	58.5	63,815	61,945	6,555	55,390	1,870	2.9	-	47,732	
1954.....	116,219	67,818	58.4	64,468	60,890	6,495	54,395	3,578	5.6	-	48,401	
1955.....	117,388	68,896	58.7	65,848	62,944	6,718	56,225	2,904	4.4	-	48,492	
1956.....	118,734	70,387	59.3	67,530	64,708	6,572	58,135	2,822	4.2	-	48,348	
1957.....	120,445	70,744	58.7	67,946	65,011	6,222	58,789	2,936	4.3	-	49,699	
1958.....	121,950	71,284	58.5	68,647	63,966	5,844	58,122	4,681	6.8	-	50,666	
1959.....	123,366	71,946	58.3	69,394	65,581	5,836	59,745	3,813	5.5	-	51,420	
1960 <sup>4</sup> .....	125,368	73,126	58.3	70,612	66,681	5,723	60,958	3,931	5.6	-	52,242	
1961.....	127,852	74,175	58.0	71,603	66,796	5,463	61,333	4,806	6.7	-	53,677	
1962 <sup>5</sup> .....	130,081	74,681	57.4	71,854	67,846	5,190	62,657	4,007	5.6	-	55,400	
1963.....	132,124	75,712	57.3	72,975	68,809	4,946	63,863	4,166	5.7	-	56,412	
1964.....	134,143	76,971	57.4	74,233	70,357	4,761	65,596	3,876	5.2	-	57,172	
1965.....	136,241	78,357	57.5	75,635	72,179	4,585	67,594	3,456	4.6	-	57,884	
1965: October.....	136,862	78,713	57.5	75,953	73,196	4,954	68,242	2,757	3.6	4.3	58,149	
1965: November.....	137,043	78,598	57.4	75,803	72,837	4,128	68,709	2,966	3.9	4.2	58,445	
1965: December.....	137,226	78,477	57.2	75,636	72,749	3,645	69,103	2,888	3.8	4.1	58,749	
1966: January.....	137,394	77,409	56.3	74,519	71,229	3,577	67,652	3,290	4.4	4.0	59,985	
1966: February.....	137,562	77,632	56.4	74,708	71,551	3,612	67,939	3,158	4.2	3.7	59,930	
1966: March.....	137,741	78,034	56.7	75,060	72,023	3,780	68,244	3,037	4.0	3.8	59,707	
1966: April.....	137,908	78,914	57.2	75,906	73,105	4,204	68,900	2,802	3.7	3.7	58,994	
1966: May.....	138,100	79,751	57.7	76,706	73,764	4,292	69,472	2,942	3.8	4.0	58,349	
1966: June.....	138,275	82,700	59.8	79,601	75,731	5,187	70,543	3,870	4.9	4.0	55,575	
1966: July.....	138,444	82,771	59.8	79,636	76,411	5,010	71,402	3,225	4.0	3.9	55,673	
1966: August.....	138,648	82,468	59.6	79,290	76,369	4,707	71,662	2,921	3.7	3.9	56,180	
1966: September.....	138,839	80,052	57.7	76,823	74,251	4,373	69,878	2,573	3.3	3.8	58,787	
1966: October.....	139,041	80,530	57.9	77,251	74,730	4,301	70,430	2,521	3.3	3.9	58,511	

<sup>1</sup>Data for 1947-56 adjusted to reflect changes in the definition of employment and unemployment adopted in January 1957. Two groups averaging about one-quarter million workers which were formerly classified as employed (with a job but not at work)—those on temporary layoff and those waiting to start new wage and salary jobs within 30 days—were assigned to different classifications, mostly to the unemployed. Data by sex, shown in table A-2, were adjusted for the years 1948-56.

<sup>2</sup>Not available.

<sup>3</sup>Beginning 1953, labor force and employment figures are not strictly comparable with previous years as a result of the introduction of material from the 1950 Census into the estimating procedure. Population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for total and males. Other categories were relatively unaffected.

<sup>4</sup>Data include Alaska and Hawaii beginning 1960 and are therefore not strictly comparable with previous years. This inclusion has resulted in an increase of about half a million in the noninstitutional population 14 years of age and over, and about 300,000 in the labor force, four-fifths of this in nonagricultural employment. The levels of other labor force categories were not appreciably changed.

<sup>5</sup>Figures for periods prior to April 1962 are not strictly comparable with current data because of the introduction of 1960 Census data into the estimation procedure. The change primarily affected the labor force and employment totals, which were reduced by about 200,000. The unemployment totals were virtually unchanged.

NOTE: Data for 1929-39 based on sources other than direct enumeration.



# HOUSEHOLD DATA

**Table A-2: Employment status of the noninstitutional population 14 years and over, by sex, 1940, 1944, and 1947 to date**

(In thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed <sup>1</sup>			Unemployed <sup>1</sup>			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
								Not seasonally adjusted	Seasonally adjusted		
<b>MALE</b>											
1940.....	50,080	42,020	83.9	41,480	35,550	8,450	27,100	5,930	14.3	-	8,060
1944.....	51,980	46,670	89.8	35,460	35,110	7,020	28,090	350	1.0	-	5,310
1947.....	53,085	44,844	84.5	43,272	41,677	6,953	34,725	1,595	3.7	-	8,242
1948.....	53,513	45,300	84.7	43,858	42,268	6,623	35,645	1,590	3.6	-	8,213
1949.....	54,028	45,674	84.5	44,075	41,473	6,629	34,844	2,602	5.9	-	8,354
1950.....	54,526	46,069	84.5	44,442	42,162	6,271	35,891	2,280	5.1	-	8,457
1951.....	54,996	46,674	84.9	45,612	42,362	5,791	36,571	1,250	2.9	-	8,322
1952.....	55,503	47,001	84.7	43,454	42,237	5,623	36,614	1,217	2.8	-	8,502
1953 <sup>2</sup> .....	56,534	47,692	84.4	44,194	42,966	5,496	37,470	1,228	2.8	-	8,040
1954.....	57,016	47,847	83.9	44,537	42,165	5,429	36,736	2,372	5.3	-	9,169
1955.....	57,484	48,054	83.6	45,041	43,152	5,479	37,673	1,889	4.2	-	9,430
1956.....	58,044	48,579	83.7	45,756	43,999	5,268	38,731	1,757	3.8	-	9,465
1957.....	58,813	48,649	82.7	45,882	43,990	5,037	38,952	1,893	4.1	-	10,164
1958.....	59,478	48,802	82.1	46,197	43,042	4,802	38,240	3,155	6.8	-	10,677
1959.....	60,100	49,081	81.7	46,562	44,089	4,749	39,340	2,473	5.3	-	11,019
1960 <sup>3</sup> .....	61,000	49,507	81.2	47,025	44,485	4,678	39,807	2,541	5.4	-	11,493
1961.....	62,147	49,918	80.3	47,378	44,318	4,508	39,811	3,060	6.5	-	12,229
1962 <sup>4</sup> .....	63,234	50,175	79.3	47,380	44,892	4,266	40,626	2,488	5.3	-	13,059
1963.....	64,163	50,573	78.8	47,867	45,330	4,021	41,309	2,537	5.3	-	13,590
1964.....	65,065	51,118	78.6	48,410	46,139	3,884	42,255	2,271	4.7	-	13,947
1965.....	66,027	51,705	78.3	49,014	47,034	3,729	43,304	1,980	4.0	-	14,322
1965: October.....	66,323	51,481	77.6	48,753	47,290	3,835	43,456	1,462	3.0	3.9	14,842
1965: November.....	66,406	51,200	77.1	48,438	46,910	3,351	43,559	1,528	3.2	3.6	15,205
1965: December.....	66,489	51,148	76.9	48,340	46,615	3,106	43,509	1,726	3.6	3.5	15,340
1966: January.....	66,563	50,778	76.3	47,922	45,959	3,069	42,890	1,963	4.1	3.4	15,785
1966: February.....	66,638	50,911	76.4	48,021	46,112	3,098	43,014	1,909	4.0	3.2	15,727
1966: March.....	66,718	51,180	76.7	48,240	46,393	3,225	43,168	1,847	3.8	3.4	15,539
1966: April.....	66,792	51,748	77.5	48,773	47,217	3,533	43,684	1,556	3.2	3.1	15,044
1966: May.....	66,879	52,135	78.0	49,123	47,586	3,496	44,090	1,537	3.1	3.3	14,744
1966: June.....	66,956	54,405	81.3	51,340	49,330	4,048	45,282	2,010	3.9	3.4	12,551
1966: July.....	67,032	54,599	81.5	51,498	49,773	3,893	45,880	1,725	3.3	3.4	12,433
1966: August.....	67,122	54,283	80.9	51,138	49,648	3,731	45,917	1,489	2.9	3.3	12,839
1966: September.....	67,208	52,074	77.5	48,878	47,611	3,459	44,152	1,266	2.6	3.3	15,135
1966: October.....	67,300	52,039	77.3	48,794	47,597	3,428	44,170	1,197	2.5	3.2	15,260
<b>FEMALE</b>											
1940.....	50,300	14,160	28.2	14,160	11,970	1,090	10,880	2,190	15.5	-	36,140
1944.....	52,650	19,370	36.8	19,170	18,830	1,930	16,920	320	1.7	-	33,280
1947.....	54,523	16,915	31.0	16,896	16,349	1,314	15,036	547	3.2	-	37,608
1948.....	55,118	17,599	31.9	17,583	16,348	1,338	15,100	735	4.1	-	37,520
1949.....	55,745	18,048	32.4	18,030	16,947	1,386	15,561	1,083	6.0	-	37,697
1950.....	56,404	18,680	33.1	18,657	17,584	1,226	16,358	1,073	5.8	-	37,724
1951.....	57,078	19,309	33.8	19,272	18,421	1,257	17,164	851	4.4	-	37,770
1952.....	57,766	19,558	33.9	19,513	18,798	1,170	17,628	715	3.7	-	38,208
1953 <sup>2</sup> .....	58,561	19,668	33.6	19,621	18,979	1,061	17,918	642	3.3	-	38,893
1954.....	59,203	19,971	33.7	19,931	18,724	1,067	17,657	1,207	6.1	-	39,232
1955.....	59,904	20,842	34.8	20,806	19,790	1,239	18,551	1,016	4.9	-	39,062
1956.....	60,690	21,808	35.9	21,774	20,707	1,306	19,401	1,067	4.9	-	38,883
1957.....	61,632	22,097	35.9	22,064	21,021	1,184	19,837	1,043	4.7	-	39,535
1958.....	62,472	22,482	36.0	22,451	20,924	1,042	19,882	1,526	6.8	-	39,990
1959.....	63,265	22,865	36.1	22,832	21,492	1,087	20,405	1,340	5.9	-	40,401
1960 <sup>3</sup> .....	64,368	23,619	36.7	23,587	22,196	1,045	21,151	1,390	5.9	-	40,749
1961.....	65,705	24,257	36.9	24,225	22,478	955	21,523	1,747	7.2	-	41,448
1962 <sup>4</sup> .....	66,848	24,507	36.7	24,474	22,954	924	22,031	1,519	6.2	-	42,341
1963.....	67,962	25,141	37.0	25,109	23,479	925	22,554	1,629	6.5	-	42,822
1964.....	69,079	25,854	37.4	25,823	24,218	877	23,341	1,605	6.2	-	43,225
1965.....	70,215	26,653	38.0	26,621	25,145	856	24,289	1,476	5.5	-	43,562
1965: October.....	70,538	27,231	38.6	27,200	25,905	1,119	24,786	1,295	4.8	5.2	43,306
1965: November.....	70,638	27,398	38.8	27,365	25,926	777	25,149	1,438	5.3	5.4	43,240
1965: December.....	70,737	27,329	38.6	27,296	26,134	539	25,595	1,162	4.3	5.1	43,408
1966: January.....	70,831	26,631	37.6	26,597	25,271	508	24,762	1,327	5.0	4.9	44,200
1966: February.....	70,924	26,721	37.7	26,687	25,438	514	24,924	1,249	4.7	4.6	44,203
1966: March.....	71,023	26,855	37.8	26,821	25,630	555	25,075	1,190	4.4	4.6	44,168
1966: April.....	71,117	27,166	38.2	27,133	25,888	671	25,216	1,245	4.6	4.8	43,950
1966: May.....	71,221	27,617	38.8	27,584	26,179	797	25,382	1,405	5.1	5.2	43,604
1966: June.....	71,319	28,295	39.7	28,261	26,401	1,139	25,262	1,860	6.6	5.1	43,024
1966: July.....	71,413	28,172	39.4	28,138	26,638	1,117	25,522	1,500	5.3	4.9	43,240
1966: August.....	71,527	28,186	39.4	28,153	26,720	976	25,745	1,432	5.1	5.1	43,341
1966: September.....	71,632	27,980	39.1	27,946	26,639	914	25,726	1,306	4.7	4.8	43,652
1966: October.....	71,741	28,491	39.7	28,457	27,133	873	26,260	1,324	4.7	5.0	43,251

<sup>1</sup>See footnote 1, table A-1. <sup>2</sup>See footnote 3, table A-1. <sup>3</sup>See footnote 4, table A-1. <sup>4</sup>See footnote 5, table A-1.

# HOUSEHOLD DATA

**Table A-3: Employment status of the noninstitutional population 14 years and over, by sex and color**

(In thousands)

Employment status	Total			Male			Female		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
Total	139,041	138,839	136,862	67,300	67,208	66,323	71,741	71,632	70,538
Total labor force	80,530	80,052	78,713	52,039	52,074	51,481	28,491	27,980	27,231
Civilian labor force	77,251	76,823	75,953	48,794	48,878	48,753	28,457	27,946	27,200
Employed	74,730	74,251	73,196	47,597	47,611	47,290	27,133	26,639	25,905
Agriculture	4,301	4,373	4,954	3,428	3,459	3,835	873	914	1,119
Nonagricultural industries	70,430	69,878	68,242	44,170	44,152	43,456	26,260	25,726	24,786
Unemployed	2,521	2,573	2,757	1,197	1,266	1,462	1,324	1,306	1,295
Unemployment rate	3.3	3.3	3.6	2.5	2.6	3.0	4.7	4.7	4.8
Not in the labor force	58,511	58,787	58,149	15,260	15,135	14,842	43,251	43,652	43,306
<b>WHITE</b>									
Total labor force	71,546	71,027	69,804	46,811	46,804	46,250	24,734	24,222	23,553
Civilian labor force	68,546	68,072	67,280	43,842	43,881	43,755	24,703	24,191	23,524
Employed	66,565	66,077	65,075	42,880	42,876	42,560	23,685	23,201	22,515
Agriculture	3,681	3,720	4,069	3,013	3,027	3,257	668	693	812
Nonagricultural industries	62,884	62,357	61,006	39,867	39,849	39,303	23,017	22,508	21,703
Unemployed	1,981	1,995	2,205	962	1,005	1,195	1,019	990	1,009
Unemployment rate	2.9	2.9	3.3	2.2	2.3	2.7	4.1	4.1	4.3
Not in the labor force	52,661	53,007	52,549	13,498	13,242	13,224	39,164	39,583	39,324
<b>NONWHITE</b>									
Total labor force	8,984	9,026	8,909	5,228	5,269*	5,231	3,756	3,758	3,679
Civilian labor force	8,705	8,751	8,673	4,952	4,997	4,997	3,753	3,755	3,676
Employed	8,165	8,174	8,121	4,717	4,736	4,730	3,448	3,438	3,390
Agriculture	619	654	885	414	433	578	205	221	307
Nonagricultural industries	7,546	7,520	7,236	4,303	4,303	4,153	3,243	3,217	3,083
Unemployed	540	577	553	235	261	267	305	316	286
Unemployment rate	6.2	6.6	6.4	4.7	5.2	5.3	8.1	8.4	7.8
Not in the labor force	5,850	5,780	5,600	1,763	1,710	1,618	4,087	4,070	3,982

**Table A-4: Full- and part-time status of the civilian labor force, by age and sex**

(In thousands)

Full- and part-time employment status	Total			Men, 20 years and over			Women, 20 years and over			Teenagers, 14-19 years		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
<b>FULL TIME</b>												
Civilian labor force	66,424	66,889	65,660	43,177	43,355	43,022	19,988	19,969	19,365	3,259	3,565	3,273
Employed:												
Full-time schedules <sup>1</sup>	62,890	63,216	61,643	41,628	41,757	41,291	18,533	18,536	17,734	2,729	2,926	2,620
Part time for economic reasons	1,648	1,762	1,932	787	803	795	697	723	854	164	233	281
Unemployed, looking for full-time work	1,886	1,911	2,085	762	795	936	758	710	777	366	406	372
Unemployment rate	2.8	2.9	3.2	1.8	1.8	2.2	3.8	3.6	4.0	11.2	11.4	11.4
<b>PART TIME</b>												
Civilian labor force	10,827	9,934	10,293	1,651	1,496	1,694	5,210	4,860	4,788	3,966	3,578	3,811
Employed (voluntary part time) <sup>1</sup>	10,192	9,272	9,621	1,574	1,419	1,608	5,001	4,615	4,606	3,617	3,238	3,407
Unemployed, looking for part-time work	635	662	672	77	77	86	209	245	182	349	340	404
Unemployment rate	5.9	6.7	6.5	4.7	5.1	5.1	4.0	5.0	3.8	8.8	9.5	10.6

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

# HOUSEHOLD DATA

**Table A-5: Unemployed persons, by age and sex**

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
Total . . . . .	2,521	2,573	2,758	3.3	3.3	3.6	100.0	100.0	100.0
Male . . . . .	1,197	1,266	1,464	2.5	2.6	3.0	47.5	49.2	53.1
14 to 19 years . . . . .	358	395	440	9.0	9.8	10.9	14.2	15.4	16.0
14 and 15 years . . . . .	41	42	42	6.6	6.4	5.9	1.6	1.6	1.5
16 to 19 years . . . . .	317	352	398	9.5	10.5	12.0	12.6	13.7	14.4
20 years and over . . . . .	839	871	1,024	1.9	1.9	2.3	33.3	33.9	37.1
20 to 24 years . . . . .	157	169	202	3.3	3.6	4.3	6.2	6.6	7.3
25 years and over . . . . .	682	702	821	1.7	1.8	2.1	27.1	27.3	29.8
25 to 34 years . . . . .	158	172	193	1.6	1.7	1.9	6.3	6.7	7.0
35 to 44 years . . . . .	202	156	187	1.8	1.4	1.7	8.0	6.1	6.8
45 to 54 years . . . . .	146	178	190	1.4	1.8	1.9	5.8	6.9	6.9
55 to 64 years . . . . .	117	134	191	1.7	1.9	2.8	4.6	5.2	6.9
65 years and over . . . . .	59	62	61	2.8	2.9	2.8	2.3	2.4	2.2
Female . . . . .	1,324	1,306	1,294	4.7	4.7	4.8	52.5	50.8	46.9
14 to 19 years . . . . .	357	350	332	11.0	11.2	10.9	14.2	13.6	12.0
14 and 15 years . . . . .	14	26	7	3.4	6.3	1.6	.6	1.0	.3
16 to 19 years . . . . .	343	324	325	12.1	12.0	12.4	13.6	12.6	11.8
20 years and over . . . . .	966	956	962	3.8	3.9	4.0	38.3	37.2	34.9
20 to 24 years . . . . .	246	237	221	6.7	6.7	6.4	9.8	9.2	8.0
25 years and over . . . . .	720	719	742	3.3	3.4	3.6	28.6	27.9	26.9
25 to 34 years . . . . .	214	231	221	4.5	5.0	5.0	8.5	9.0	8.0
35 to 44 years . . . . .	203	230	267	3.4	3.9	4.6	8.1	8.9	9.7
45 to 54 years . . . . .	176	152	163	2.9	2.5	2.8	7.0	5.9	5.9
55 to 64 years . . . . .	102	78	76	2.7	2.0	2.1	4.0	3.0	2.8
65 years and over . . . . .	25	27	14	2.6	2.8	1.5	1.0	1.0	.5

**Table A-6: Unemployed persons, by industry of last job**

Industry	Unemployment rate			Percent distribution		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
Total . . . . .	3.3	3.3	3.6	100.0	100.0	100.0
Experienced wage and salary workers . . . . .	3.0	3.2	3.4	80.5	82.1	80.4
Agriculture . . . . .	5.0	3.8	5.3	3.1	2.2	3.8
Nonagricultural industries . . . . .	3.0	3.1	3.3	77.5	79.9	76.6
Mining, forestry, fisheries . . . . .	3.8	4.8	3.2	.9	1.1	.7
Construction . . . . .	5.1	4.8	5.5	8.5	7.9	8.4
Manufacturing . . . . .	2.7	2.8	3.2	21.8	22.5	22.9
Durable goods . . . . .	2.3	2.4	2.8	10.8	11.5	11.4
Primary metal industries . . . . .	1.9	1.4	3.2	1.0	.8	1.4
Fabricated metal products . . . . .	2.5	2.6	2.3	1.7	1.6	1.3
Machinery . . . . .	1.4	2.1	1.7	1.2	1.7	1.1
Electrical equipment . . . . .	3.0	2.3	3.6	2.3	1.8	2.2
Transportation equipment . . . . .	2.0	2.8	1.4	1.7	2.4	1.1
Motor vehicles and equipment . . . . .	1.1	2.0	.9	.5	.8	.3
All other transportation equipment . . . . .	2.8	3.6	1.9	1.3	1.6	.7
Other durable goods industries . . . . .	2.8	3.0	4.4	2.9	3.2	4.3
Nondurable goods . . . . .	3.2	3.3	3.7	10.9	11.0	11.5
Food and kindred products . . . . .	3.6	3.4	3.3	2.9	2.8	2.4
Textile mill products . . . . .	3.4	4.2	3.6	1.4	1.6	1.3
Apparel and other finished textile products . . . . .	5.8	5.0	6.1	3.1	2.6	3.0
Other nondurable goods industries . . . . .	2.1	2.4	3.1	3.5	4.0	4.8
Transportation and public utilities . . . . .	1.3	1.7	2.1	2.4	3.1	3.7
Railroads and railway express . . . . .	-	1.4	1.3	-	.4	.4
Other transportation . . . . .	1.6	2.0	2.7	1.2	1.5	1.8
Communication and other public utilities . . . . .	1.5	1.6	2.0	1.2	1.3	1.4
Wholesale and retail trade . . . . .	3.9	3.9	4.2	18.7	18.3	18.3
Finance, insurance, and real estate . . . . .	2.4	2.0	2.5	2.9	2.4	2.8
Service industries . . . . .	3.1	3.3	3.1	20.1	20.7	17.5
Professional services . . . . .	2.2	2.4	2.0	8.8	8.9	6.9
All other service industries . . . . .	4.5	4.6	4.6	11.3	11.7	10.7
Public administration . . . . .	1.4	2.4	1.7	2.3	3.8	2.3
Self-employed and unpaid family workers . . . . .	.6	.6	.8	2.3	2.3	2.8
No previous work experience . . . . .	-	-	-	17.2	15.7	16.8
14 to 19 years . . . . .	-	-	-	12.8	12.4	13.3
20 years and over . . . . .	-	-	-	4.3	3.3	3.6

# HOUSEHOLD DATA

**Table A-7: Unemployed persons, by occupation of last job**

Occupation	Unemployment rate			Percent distribution		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
Total	3.3	3.3	3.6	100.0	100.0	100.0
White-collar workers	2.0	2.3	2.0	27.1	30.9	23.4
Professional and technical	1.3	1.7	1.1	5.1	6.3	3.6
Managers, officials, and proprietors	.9	1.2	.9	2.5	3.6	2.4
Clerical workers	3.2	3.3	2.9	15.6	15.8	12.1
Sales workers	2.0	2.8	3.0	3.9	5.1	5.3
Blue-collar workers	3.3	3.3	3.9	37.0	35.9	39.9
Craftsmen and foremen	2.2	1.8	2.1	8.8	7.1	7.7
Operatives	3.6	3.6	4.5	20.3	19.9	22.8
Nonfarm laborers	5.4	5.8	6.5	7.9	8.9	9.5
Service workers	4.0	4.0	4.4	16.0	15.3	15.8
Private household workers	3.5	3.9	3.6	3.2	3.5	3.2
Other service workers	4.1	4.0	4.6	12.9	11.8	12.6
Farm workers	1.6	1.4	2.4	2.6	2.2	4.1
Farmers and farm managers	.1	.2	.9	.1	.2	.7
Farm laborers and foremen	3.3	2.8	3.8	2.5	2.1	3.4
No previous work experience	-	-	-	17.2	15.7	16.8

**Table A-8: Unemployed persons, by marital status and household relationship**

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
<b>MARITAL STATUS</b>									
Total	2,521	2,573	2,757	3.3	3.3	3.6	100.0	100.0	100.0
Male	1,197	1,266	1,462	2.5	2.6	3.0	47.5	49.2	53.1
Married, wife present	537	542	601	1.4	1.4	1.6	21.3	21.1	21.8
Single	533	586	692	6.4	7.0	8.1	21.2	22.8	25.1
14 to 19 years	345	386	436	9.3	10.3	11.4	13.7	15.0	15.8
20 years and over	189	200	256	4.0	4.3	5.4	7.5	7.8	9.3
Other marital status	127	139	170	5.0	5.3	6.3	5.0	5.4	6.2
Female	1,324	1,306	1,295	4.7	4.7	4.8	52.5	50.8	46.9
Married, husband present	620	645	620	3.8	4.1	4.1	24.6	25.1	22.5
Single	457	415	429	7.0	6.6	6.7	18.1	16.1	15.5
14 to 19 years	298	289	280	10.5	10.9	10.7	11.8	11.2	10.2
20 years and over	159	126	148	4.3	3.4	3.9	6.3	4.9	5.4
Other marital status	247	246	246	4.2	4.3	4.4	9.8	9.6	8.9
<b>HOUSEHOLD RELATIONSHIP</b>									
Total	2,521	2,573	2,757	3.3	3.3	3.6	100.0	100.0	100.0
Household head	826	885	915	1.8	1.9	2.0	32.8	34.4	33.2
Living with relatives	619	667	726	1.5	1.6	1.8	24.6	25.9	26.3
Not living with relatives	207	218	189	3.7	3.9	3.5	8.2	8.5	6.9
Wife of head	598	622	612	3.8	4.0	4.1	23.7	24.2	22.2
Other relative of head	1,031	1,018	1,188	7.7	7.7	8.7	40.9	39.5	43.1
Non-relative of head	65	50	42	4.7	3.7	3.1	2.6	1.9	1.5

**Table A-9: Employment status of persons 16-21 years of age in the noninstitutional population, by color**  
(In thousands)

Employment status	Total			White			Nonwhite		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
<b>IN SCHOOL</b>									
Civilian labor force	3,267	2,569	3,070	3,005	2,317	2,818	262	250	255
Employed	2,960	2,291	2,730	2,748	2,108	2,533	212	181	200
Unemployed	307	278	340	257	209	285	50	69	55
Unemployment rate	9.4	10.8	11.1	8.6	9.0	10.1	19.1	27.6	21.6
Not in the labor force	7,290	6,653	7,112	6,366	5,853	6,219	924	800	893
<b>NOT IN SCHOOL</b>									
Civilian labor force	5,857	6,446	5,935	5,022	5,547	5,102	834	897	832
Employed	5,268	5,837	5,342	4,597	5,104	4,649	670	732	693
Unemployed	589	609	593	425	443	453	164	165	139
Unemployment rate	10.1	9.4	10.0	8.5	8.0	8.9	19.7	18.4	16.7
Not in the labor force	2,191	2,910	2,094	1,833	2,496	1,785	358	414	310

# HOUSEHOLD DATA

**Table A-10: Unemployed persons, by duration of unemployment**

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965		Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
<b>Total</b> .....	2,521	2,573	2,757	100.0	100.0	100.0	<b>Total</b> .....	2,521	2,573	2,757	100.0	100.0	100.0
Less than 5 weeks .....	1,391	1,527	1,407	55.2	59.4	51.0	Persons on temporary layoff .....	73	64	76	2.9	2.5	2.8
5 to 14 weeks .....	690	629	762	27.4	24.4	27.6							
5 and 6 weeks .....	266	171	242	10.6	6.6	8.8							
7 to 10 weeks .....	289	233	329	11.5	9.1	11.9							
11 to 14 weeks .....	135	224	191	5.4	8.7	6.9							
15 weeks and over .....	439	417	588	17.4	16.2	21.3	Persons scheduled to begin new jobs within 30 days.	127	184	74	5.0	7.2	2.7
15 to 26 weeks .....	240	234	286	9.5	9.1	10.4							
27 weeks and over .....	199	183	302	7.9	7.1	11.0							
Average (mean) duration ..	10.2	9.6	12.3	-	-	-	All other unemployed ...	2,322	2,325	2,607	92.1	90.4	94.6

**Table A-11: Long-term unemployed, by industry and occupation of last job**

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	Oct. 1966	Oct. 1965	Oct. 1966	Oct. 1965	Oct. 1966	Oct. 1965	Oct. 1966	Oct. 1965	
<b>INDUSTRY</b>									
<b>Total</b> .....	17.4	21.3	100.0	100.0	7.9	11.0	100.0	100.0	100.0
Experienced wage and salary workers .....	16.6	20.3	76.5	76.4	8.2	11.9	83.0	87.0	87.2
(1) Agriculture .....	(1)	21.2	3.6	3.7	(1)	7.7	5.0	2.7	2.0
Nonagricultural industries .....	16.4	20.2	72.9	72.6	8.0	12.1	78.0	84.4	85.2
Mining, forestry, fisheries .....	(1)	(1)	2.3	1.2	(1)	(1)	3.0	1.7	.8
Construction .....	14.0	14.6	6.8	5.8	7.4	8.6	8.0	6.6	5.5
Manufacturing .....	16.9	24.8	21.2	26.7	9.8	14.6	27.0	30.2	26.7
Durable goods .....	18.6	27.4	11.6	14.6	11.7	17.2	16.0	17.9	15.5
Nondurable goods .....	15.3	22.3	9.6	12.1	8.0	11.6	11.0	12.3	11.2
Transportation and public utilities .....	(1)	26.7	3.4	4.6	(1)	16.8	4.0	5.6	6.0
Wholesale and retail trade .....	15.5	17.7	16.6	15.1	7.2	11.1	17.0	18.6	15.8
Finance, insurance, and real estate, and service industries ..	15.7	18.8	20.7	17.9	5.9	10.9	17.0	20.3	25.2
Public administration .....	(1)	(1)	1.8	1.4	(1)	(1)	2.0	1.3	5.2
Self-employed and unpaid family workers .....	(1)	(1)	1.8	2.7	(1)	(1)	4.5	3.3	12.3
No previous work experience .....	21.9	26.5	21.6	20.9	5.8	6.3	12.5	9.6	.6
<b>OCCUPATION</b>									
<b>Total</b> .....	17.4	21.3	100.0	100.0	7.9	11.0	100.0	100.0	100.0
White-collar workers .....	13.9	17.9	21.5	19.6	5.4	9.3	18.6	19.9	44.7
Professional and technical .....	17.2	(1)	5.0	3.1	3.9	(1)	2.5	2.0	12.7
Managers, officials, and proprietors .....	(1)	(1)	3.4	3.2	(1)	(1)	2.0	4.3	9.7
Clerical workers .....	10.4	14.6	9.3	8.3	5.8	7.2	11.6	8.0	16.0
Sales workers .....	(1)	19.7	3.9	4.9	(1)	11.6	2.5	5.7	6.3
Blue-collar workers .....	17.8	22.3	37.6	41.7	10.2	12.9	47.7	47.3	36.4
Craftsmen and foremen .....	12.6	21.3	6.3	7.7	7.2	14.2	8.0	10.0	13.0
Operatives .....	17.8	25.0	20.6	26.7	10.2	13.8	26.1	29.0	18.6
Nonfarm laborers .....	23.5	16.5	10.7	7.3	13.5	9.6	13.6	8.3	4.8
Service workers .....	17.6	18.9	16.1	13.9	7.9	13.1	16.1	19.0	13.2
Private household workers .....	(1)	(1)	4.1	2.7	(1)	(1)	3.5	4.0	2.9
Other service workers .....	16.4	19.0	12.0	11.2	7.7	12.9	12.6	15.0	10.3
Farm workers .....	(1)	20.4	3.2	3.9	(1)	10.6	5.0	4.0	5.2
Farmers and farm managers .....	(1)	(1)	.5	1.0	(1)	(1)	1.0	2.0	2.8
Farm laborers and foremen .....	(1)	(1)	2.7	2.9	(1)	(1)	4.0	2.0	2.4
No previous work experience .....	21.9	26.5	21.6	20.9	5.8	6.3	12.5	9.6	.6

<sup>1</sup>Percent not shown where base is less than 100,000.

# HOUSEHOLD DATA

Table A-12: Long-term unemployed, by sex, age, color, and marital status

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	Oct. 1966	Oct. 1965	Oct. 1966	Oct. 1965	Oct. 1966	Oct. 1965	Oct. 1966	Oct. 1965	
<b>AGE</b>									
Total	17.4	21.3	100.0	100.0	7.9	11.0	100.0	100.0	100.0
Male	20.9	22.9	56.9	57.1	10.5	13.1	63.3	63.7	63.2
14 to 19 years	16.5	14.3	13.4	10.7	3.6	3.2	6.5	4.6	5.1
20 to 24 years	14.6	13.9	5.2	4.8	7.0	4.5	5.5	3.0	6.1
25 to 44 years	17.2	19.8	14.1	12.8	9.7	11.1	17.6	13.9	27.1
45 years and over	33.2	38.2	24.3	28.8	20.8	29.0	33.7	42.2	24.9
Female	14.3	19.5	43.1	42.9	5.5	8.5	36.7	36.3	36.8
14 to 19 years	12.0	23.2	9.8	13.1	3.6	4.8	6.5	5.3	4.2
20 to 24 years	15.4	13.1	8.6	4.9	6.1	4.5	7.5	3.3	4.7
25 to 44 years	11.0	17.0	10.4	14.1	2.4	8.6	5.0	13.9	13.9
45 years and over	20.9	24.8	14.3	10.7	11.6	16.5	17.6	13.9	14.0
<b>COLOR</b>									
Total	17.4	21.3	100.0	100.0	7.9	11.0	100.0	100.0	100.0
White, total	16.6	19.8	74.7	74.4	7.4	10.9	73.9	79.5	88.7
Male	20.2	22.0	44.2	44.8	10.7	13.3	51.8	52.6	56.8
Female	13.2	17.2	30.5	29.6	4.3	8.0	22.1	26.8	32.0
Nonwhite, total	20.6	27.3	25.3	25.6	9.6	11.2	26.1	20.5	11.3
Male	23.8	27.0	12.8	12.3	9.8	12.4	11.6	10.9	6.4
Female	18.0	27.3	12.5	13.3	9.5	10.1	14.6	9.6	4.9
<b>MARITAL STATUS</b>									
Total	17.4	21.3	100.0	100.0	7.9	11.0	100.0	100.0	100.0
Male	20.9	22.9	56.9	57.1	10.5	13.1	63.3	63.7	63.2
Married, wife present	22.5	27.5	27.6	28.1	12.3	19.5	33.2	38.7	49.0
Single	17.1	17.1	20.8	20.1	7.7	6.4	20.6	14.6	10.8
14 to 19 years	16.3	13.8	12.8	10.2	3.5	3.4	6.0	5.0	4.8
20 years and over	18.5	22.7	8.0	9.9	15.3	11.3	14.6	9.6	6.1
Other marital status	29.1	30.6	8.4	8.8	15.0	18.2	9.5	10.3	3.3
Female	14.3	19.5	43.1	42.9	5.5	8.5	36.7	36.3	36.8
Married, husband present	8.7	13.5	12.3	14.3	2.4	6.6	7.5	13.6	20.9
Single	17.5	24.5	18.3	18.0	6.6	6.5	15.1	9.3	8.4
14 to 19 years	13.8	26.4	9.4	12.6	4.4	5.0	6.5	4.6	3.7
20 years and over	24.8	21.6	8.9	5.4	10.7	9.5	8.5	4.6	4.8
Other marital status	22.3	25.6	12.6	10.7	11.3	16.7	14.1	13.6	7.5

Table A-13: Unemployed persons looking for full- or part-time work, by age and sex

Age and sex	Looking for full-time work (thousands of persons)			Looking for part-time work (thousands of persons)			Looking for part-time work as a percent of unemployed in each group		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
Total	1,886	1,911	2,085	635	662	672	25.2	25.7	24.4
Male	918	973	1,110	279	294	352	23.3	23.2	24.1
14 to 19 years	156	178	174	202	217	266	56.4	54.9	60.5
Major activity:									
Going to school	13	4	9	195	214	253	93.8	98.2	96.6
All other	144	175	165	7	10	13	4.6	5.4	7.3
20 to 24 years	128	136	170	29	33	32	18.5	19.5	15.8
25 to 54 years	486	492	548	20	14	22	4.0	2.8	3.9
55 years and over	147	166	219	29	30	33	16.5	15.3	13.1
Female	968	938	975	356	368	320	26.9	28.2	24.7
14 to 19 years	210	228	198	147	123	134	41.2	35.0	40.4
Major activity:									
Going to school	5	8	-	121	96	104	96.0	92.3	100.0
All other	206	220	199	27	27	31	11.6	10.9	13.5
20 to 24 years	218	196	184	28	41	37	11.4	17.3	16.7
25 to 54 years	456	439	531	137	175	121	23.1	28.5	18.6
55 years and over	84	77	66	43	29	25	33.9	27.4	(1)

<sup>1</sup>Percent not shown where base is less than 100,000.

# HOUSEHOLD DATA

**Table A-14: Total labor force, by age and sex**

Age and sex	Thousands of persons			Labor force participation rate		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
<b>Total</b> . . . . .	80,530	80,052	78,713	57.9	57.7	57.5
<b>Male</b> . . . . .	52,039	52,074	51,481	77.3	77.5	77.6
14 to 19 years . . . . .	4,441	4,494	4,387	41.0	41.5	41.9
14 and 15 years . . . . .	622	662	712	16.9	18.0	19.9
16 and 17 years . . . . .	1,510	1,451	1,520	42.8	41.2	43.1
18 and 19 years . . . . .	2,308	2,381	2,155	63.9	65.7	64.3
20 to 24 years . . . . .	6,113	6,117	5,864	86.2	86.8	86.1
25 to 34 years . . . . .	10,819	10,782	10,664	97.6	97.4	97.4
35 to 44 years . . . . .	11,357	11,363	11,472	97.3	97.3	97.4
45 to 54 years . . . . .	10,292	10,272	10,155	95.9	95.8	95.6
55 to 64 years . . . . .	6,891	6,915	6,780	84.7	85.1	84.5
55 to 59 years . . . . .	4,009	3,992	3,946	90.3	90.0	90.3
60 to 64 years . . . . .	2,882	2,923	2,834	78.0	79.2	77.6
65 years and over . . . . .	2,127	2,132	2,158	27.5	27.6	28.1
<b>Female</b> . . . . .	28,491	27,980	27,231	39.7	39.1	38.6
14 to 19 years . . . . .	3,266	3,124	3,054	30.9	29.6	29.9
14 and 15 years . . . . .	420	408	421	11.7	11.4	12.1
16 and 17 years . . . . .	1,008	982	969	29.3	28.6	28.2
18 and 19 years . . . . .	1,839	1,733	1,663	51.9	48.8	50.5
20 to 24 years . . . . .	3,681	3,568	3,440	51.9	50.6	50.5
25 to 34 years . . . . .	4,792	4,646	4,467	42.1	40.9	39.7
35 to 44 years . . . . .	5,928	5,865	5,840	48.4	47.8	47.2
45 to 54 years . . . . .	6,072	6,003	5,841	53.1	52.6	51.9
55 to 64 years . . . . .	3,803	3,823	3,633	42.4	42.7	41.4
55 to 59 years . . . . .	2,357	2,350	2,236	48.9	48.9	47.4
60 to 64 years . . . . .	1,446	1,473	1,397	34.9	35.6	34.3
65 years and over . . . . .	948	952	958	9.4	9.5	9.7

**Table A-15: Employed persons, by age and sex**

Age and sex	(In thousands)					
	Male			Female		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
<b>All industries</b> . . . . .	47,597	47,611	47,290	27,133	26,639	25,905
14 to 19 years . . . . .	3,608	3,631	3,596	2,902	2,767	2,716
20 to 24 years . . . . .	4,567	4,580	4,493	3,423	3,319	3,207
25 to 34 years . . . . .	9,824	9,785	9,718	4,569	4,407	4,239
35 to 44 years . . . . .	10,723	10,782	10,923	5,719	5,630	5,568
45 to 54 years . . . . .	10,038	9,987	9,878	5,895	5,848	5,675
55 to 64 years . . . . .	6,769	6,776	6,586	3,702	3,745	3,556
65 years and over . . . . .	2,068	2,069	2,097	923	924	943
<b>Nonagricultural industries</b> . . . . .	44,170	44,152	43,456	26,260	25,726	24,786
14 to 19 years . . . . .	3,112	3,168	3,032	2,798	2,656	2,569
20 to 24 years . . . . .	4,382	4,385	4,232	3,373	3,269	3,130
25 to 34 years . . . . .	9,421	9,369	9,242	4,430	4,248	4,094
35 to 44 years . . . . .	10,178	10,211	10,264	5,546	5,459	5,332
45 to 54 years . . . . .	9,304	9,255	9,120	5,676	5,621	5,421
55 to 64 years . . . . .	6,123	6,122	5,948	3,555	3,590	3,379
65 years and over . . . . .	1,650	1,643	1,619	881	881	860
<b>Agriculture</b> . . . . .	3,428	3,459	3,835	873	914	1,119
14 to 19 years . . . . .	496	463	565	103	111	146
20 to 24 years . . . . .	186	195	260	50	49	77
25 to 34 years . . . . .	403	416	475	138	159	145
35 to 44 years . . . . .	545	571	660	172	170	236
45 to 54 years . . . . .	735	732	758	220	227	254
55 to 64 years . . . . .	647	654	638	147	155	177
65 years and over . . . . .	417	426	478	42	43	84

**Table A-16: Employed persons, by class of worker and occupation**

Characteristics	(In thousands)								
	Total			Male			Female		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
<b>CLASS OF WORKER</b>									
<b>Total</b> . . . . .	74,730	74,251	73,196	47,597	47,611	47,290	27,133	26,639	25,905
Nonagricultural industries . . . . .	70,430	69,878	68,242	44,170	44,152	43,456	26,260	25,726	24,786
Wage and salary workers . . . . .	63,849	63,218	61,520	39,633	39,549	38,714	24,215	23,668	22,806
Private household workers . . . . .	2,380	2,441	2,591	227	309	318	2,152	2,131	2,273
Government workers . . . . .	10,788	10,332	9,843	6,228	5,997	5,801	4,560	4,334	4,042
Other wage and salary workers . . . . .	50,681	50,445	49,086	33,178	33,243	32,595	17,503	17,203	16,491
Self-employed workers . . . . .	5,997	6,075	6,097	4,491	4,562	4,684	1,506	1,513	1,413
Unpaid family workers . . . . .	584	584	625	46	40	58	538	544	567
Agriculture . . . . .	4,301	4,373	4,954	3,428	3,459	3,835	873	914	1,119
Wage and salary workers . . . . .	1,457	1,430	1,843	1,144	1,121	1,417	313	309	425
Self-employed workers . . . . .	2,176	2,231	2,252	2,027	2,079	2,107	149	152	145
Unpaid family workers . . . . .	668	712	859	257	260	310	411	452	549
<b>OCCUPATION</b>									
<b>Total</b> . . . . .	74,730	74,251	73,196	47,597	47,611	47,290	27,133	26,639	25,905
White-collar workers . . . . .	33,818	33,313	32,221	18,461	18,282	17,899	15,357	15,032	14,319
Professional and technical . . . . .	9,708	9,399	9,138	9,065	5,927	5,765	3,644	3,470	3,372
Managers, officials, and proprietors . . . . .	7,413	7,496	7,096	6,275	6,258	6,036	1,138	1,238	1,060
Clerical workers . . . . .	11,929	11,768	11,206	3,288	3,319	3,190	8,640	8,450	8,015
Sales workers . . . . .	4,768	4,650	4,781	2,833	2,778	2,908	1,935	1,874	1,872
Blue-collar workers . . . . .	27,163	27,402	26,843	22,579	22,842	22,586	4,585	4,561	4,259
Craftsmen and foremen . . . . .	9,813	9,894	9,609	9,508	9,598	9,320	304	296	289
Operatives . . . . .	13,858	13,804	13,486	9,681	9,647	9,627	4,179	4,157	3,860
Nonfarm laborers . . . . .	3,492	3,704	3,748	3,390	3,597	3,639	102	108	110
Service workers . . . . .	9,805	9,538	9,546	3,412	3,322	3,276	6,393	6,217	6,268
Private household workers . . . . .	2,194	2,214	2,341	54	63	67	2,140	2,151	2,273
Other service workers . . . . .	7,611	7,324	7,205	3,358	3,259	3,209	4,253	4,066	3,995
Farm workers . . . . .	3,943	3,997	4,588	3,146	3,166	3,531	797	831	1,057
Farmers and farm managers . . . . .	2,141	2,156	2,192	1,999	2,014	2,055	143	142	137
Farm laborers and foremen . . . . .	1,802	1,841	2,396	1,147	1,152	1,476	654	689	920

# HOUSEHOLD DATA

**Table A-17: Employed persons, by hours worked**

(In thousands)

Hours worked	All industries			Nonagricultural industries			Agriculture		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
Total . . . . .	74,730	74,251	73,196	70,430	69,878	68,242	4,301	4,373	4,954
With a job but not at work . . . . .	2,616	2,997	2,546	2,513	2,889	2,444	103	108	102
At work . . . . .	72,114	71,253	70,649	67,917	66,988	65,798	4,198	4,266	4,852
1-34 hours . . . . .	14,842	13,602	14,528	13,565	12,284	13,052	1,276	1,317	1,476
1-4 hours . . . . .	990	930	1,075	928	872	986	63	60	87
5-14 hours . . . . .	3,673	3,355	3,638	3,384	2,997	3,337	291	357	301
15-34 hours . . . . .	10,179	9,315	9,813	9,255	8,413	8,726	923	902	1,087
35 hours or more . . . . .	57,272	57,651	56,121	54,349	54,704	52,746	2,919	2,948	3,376
35-40 hours . . . . .	32,679	33,069	31,564	32,018	32,361	30,846	661	708	719
41 hours and over . . . . .	24,593	24,582	24,557	22,331	22,343	21,900	2,258	2,240	2,657
Average hours, total at work . . . . .	40.4	40.8	40.6	40.1	40.4	40.2	46.0	45.7	46.3

**Table A-18: Employed persons, by full- or part-time status**

(In thousands)

Full- or part-time status	All industries			Nonagricultural industries		
	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
Total . . . . .	74,730	74,251	73,196	70,430	69,878	68,242
With a job but not at work . . . . .	2,616	2,997	2,546	2,513	2,889	2,444
At work . . . . .	72,114	71,253	70,649	67,917	66,988	65,798
On full-time schedules . . . . .	60,580	60,543	59,387	57,442	57,366	55,819
35 hours or more . . . . .	57,272	57,651	56,121	54,349	54,704	52,746
1-34 hours for noneconomic reasons . . . . .	3,308	2,892	3,266	3,093	2,662	3,073
Bad weather . . . . .	348	492	276	234	340	178
Industrial dispute . . . . .	15	22	26	15	22	26
Vacation . . . . .	303	271	309	286	269	301
Illness . . . . .	813	735	882	769	710	852
Holiday . . . . .	1,119	699	1,108	1,119	699	1,106
All other reasons . . . . .	710	673	665	670	622	609
On part time for economic reasons . . . . .	1,648	1,762	1,932	1,451	1,572	1,682
Usually work full time . . . . .	938	956	953	811	840	829
Average hours . . . . .	22.4	22.6	23.5	22.6	22.8	23.6
Usually work part time . . . . .	710	804	979	640	732	853
Average hours . . . . .	18.0	18.1	17.8	17.9	17.7	17.8
On part time for noneconomic reasons; usually work part time . . . . .	9,887	8,949	9,327	9,022	8,049	8,294

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

(In thousands)

Reason not working	All industries			Nonagricultural industries								
	Oct. 1966	Sept. 1966	Oct. 1965	Total			Wage and salary workers					
				Oct. 1966	Sept. 1966	Oct. 1965	Number			Percent paid		
							Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
Total . . . . .	2,616	2,997	2,546	2,513	2,889	2,444	2,202	2,576	2,139	57.4	59.6	54.8
Bad weather . . . . .	19	32	-	9	13	-	6	10	-	-	-	-
Industrial dispute . . . . .	52	50	50	52	50	50	52	50	50	-	-	-
Vacation . . . . .	1,041	1,423	1,029	1,023	1,395	1,010	924	1,326	920	90.0	84.3	88.5
Illness . . . . .	995	969	1,001	957	929	956	870	821	838	39.7	38.1	35.6
All other reasons . . . . .	508	523	468	473	502	431	349	369	331	24.1	28.5	18.4



Table A-20: Employment status of the noninstitutional population, by age and sex

October 1966  
(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	In school	Unable to work	Other
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	Number					
Male . . . . .	52,039	77.3	48,794	47,597	3,428	44,170	1,197	2.5	15,260	102	7,150	1,163	6,845	
14 and 15 years . . . . .	622	16.9	622	581	149	432	41	6.6	3,064	3	3,023	8	29	
16 and 17 years . . . . .	1,510	42.8	1,462	1,301	229	1,072	161	11.0	2,018	5	1,909	5	100	
18 and 19 years . . . . .	2,308	63.9	1,881	1,726	117	1,609	156	8.3	1,306	-	1,205	10	90	
20 to 24 years . . . . .	6,113	86.2	4,724	4,567	186	4,382	157	3.3	980	1	858	29	91	
25 to 29 years . . . . .	5,567	97.0	5,093	5,001	187	4,814	91	1.8	173	-	112	27	34	
30 to 34 years . . . . .	5,252	98.2	4,890	4,823	216	4,607	67	1.4	95	2	31	31	31	
35 to 39 years . . . . .	5,571	97.8	5,285	5,200	262	4,938	85	1.6	127	2	3	49	72	
40 to 44 years . . . . .	5,786	96.8	5,640	5,523	283	5,240	117	2.1	190	2	2	67	118	
45 to 49 years . . . . .	5,434	97.0	5,350	5,269	323	4,947	80	1.5	170	-	2	73	95	
50 to 54 years . . . . .	4,858	94.7	4,834	4,769	412	4,357	66	1.4	271	4	3	97	167	
55 to 59 years . . . . .	4,009	90.3	4,005	3,928	345	3,583	77	1.9	433	12	-	159	262	
60 to 64 years . . . . .	2,882	78.0	2,881	2,841	302	2,539	40	1.4	814	5	-	165	643	
65 to 69 years . . . . .	1,236	43.3	1,236	1,194	214	979	42	3.4	1,619	17	-	105	1,496	
70 years and over . . . . .	891	18.2	891	874	203	671	17	1.9	3,999	46	-	338	3,616	
White . . . . .	46,811	77.6	43,842	42,880	3,013	39,867	962	2.2	13,498	87	6,238	946	6,227	
Nonwhite . . . . .	5,228	74.8	4,952	4,717	414	4,303	235	4.7	1,763	16	912	217	618	
Female . . . . .	28,491	39.7	28,457	27,133	873	26,260	1,324	4.7	43,251	34,552	6,927	687	1,086	
14 and 15 years . . . . .	420	11.7	420	405	38	368	14	3.4	3,162	27	3,091	3	41	
16 and 17 years . . . . .	1,008	29.3	1,008	882	41	841	125	12.4	2,433	199	2,161	6	66	
18 and 19 years . . . . .	1,839	51.9	1,832	1,614	24	1,589	218	11.9	1,705	627	1,016	8	55	
20 to 24 years . . . . .	3,681	51.9	3,669	3,423	50	3,373	246	6.7	3,415	2,798	524	27	66	
25 to 29 years . . . . .	2,496	42.5	2,491	2,370	53	2,317	120	4.8	3,379	3,296	42	11	30	
30 to 34 years . . . . .	2,296	41.7	2,293	2,199	85	2,113	94	4.1	3,204	3,147	19	11	27	
35 to 39 years . . . . .	2,767	46.7	2,764	2,655	84	2,571	108	3.9	3,164	3,072	20	14	58	
40 to 44 years . . . . .	3,161	50.0	3,159	3,064	88	2,975	95	3.0	3,162	3,055	20	15	71	
45 to 49 years . . . . .	3,188	53.5	3,187	3,118	130	2,989	69	2.2	2,775	2,677	18	19	61	
50 to 54 years . . . . .	2,884	52.8	2,883	2,777	90	2,687	107	3.7	2,583	2,507	4	26	46	
55 to 59 years . . . . .	2,357	48.9	2,357	2,299	96	2,203	59	2.5	2,462	2,352	3	40	67	
60 to 64 years . . . . .	1,446	34.9	1,446	1,403	51	1,352	43	3.0	2,696	2,609	2	36	49	
65 to 69 years . . . . .	592	17.2	592	574	14	560	18	3.0	2,845	2,667	-	55	123	
70 years and over . . . . .	356	5.4	356	349	28	321	7	2.0	6,265	5,518	5	416	326	
White . . . . .	24,734	38.7	24,703	23,685	668	23,017	1,019	4.1	39,164	31,625	5,983	577	980	
Nonwhite . . . . .	3,756	47.9	3,753	3,448	205	3,243	305	8.1	4,087	2,927	944	110	106	

Table A-21: Nonagricultural wage and salary workers, by full- or part-time status, hours of work, and industry

October 1966  
(Percent distribution)

Industry	Full- or part-time status						Hours of work				
	Total at work	On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over	
			Economic reasons		Other reasons						
			Usually work full time	Usually work part time	Usually work part time						
Total <sup>1</sup> . . . . .	100.0	84.9	1.2	.9	13.0	100.0	19.6	49.5	15.1	15.6	
Construction . . . . .	100.0	92.0	2.9	.8	4.3	100.0	16.4	54.4	14.5	14.7	
Manufacturing . . . . .	100.0	94.8	1.4	.3	3.5	100.0	10.2	55.4	18.9	15.5	
Durable goods . . . . .	100.0	97.0	.9	.1	2.0	100.0	7.5	56.1	20.1	16.3	
Nondurable goods . . . . .	100.0	91.8	2.1	.5	5.5	100.0	13.8	54.6	17.3	14.2	
Transportation and public utilities . . . . .	100.0	93.2	1.0	1.0	4.8	100.0	10.6	57.5	14.3	17.6	
Wholesale and retail trade . . . . .	100.0	74.6	1.1	1.4	22.8	100.0	27.5	37.4	16.3	18.7	
Finance, insurance, and real estate . . . . .	100.0	91.1	.5	.1	8.1	100.0	17.5	58.1	11.7	12.5	
Service industries . . . . .	100.0	72.2	.8	1.7	25.3	100.0	31.7	41.9	11.6	14.8	

<sup>1</sup>Includes forestry and fisheries, mining and public administration, not shown separately.

Table A-22: Persons at work in nonfarm occupations by full- or part-time status, hours of work, and occupation

October 1966  
(Percent distribution)

Occupation	Full or part-time status						Hours of work					
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over	Average hours, total at work
				Economic reasons		Other reasons						
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time							
White-collar workers . . . . .	32,574	100.0	85.6	.4	.4	13.5	100.0	18.9	46.7	12.9	21.4	40.9
Professional and technical . . . . .	9,428	100.0	87.6	.3	.2	12.0	100.0	17.8	45.4	13.2	23.7	41.2
Managers, officials, and proprietors . . . . .	7,076	100.0	96.1	.4	.2	3.3	100.0	6.9	32.6	16.9	43.6	49.2
Clerical workers . . . . .	11,484	100.0	83.7	.5	.4	15.4	100.0	22.1	61.8	9.9	6.2	37.2
Sales workers . . . . .	4,586	100.0	70.4	.7	1.1	27.9	100.0	32.4	33.4	14.0	20.3	36.9
Blue-collar workers . . . . .	26,176	100.0	90.9	2.2	.9	6.1	100.0	14.4	51.1	18.2	16.4	41.2
Craftsmen and foremen . . . . .	9,516	100.0	95.5	1.6	.4	2.4	100.0	8.9	51.0	19.6	20.4	43.1
Operatives . . . . .	13,326	100.0	90.7	2.3	.8	6.2	100.0	14.3	52.3	18.2	15.2	41.2
Nonfarm laborers . . . . .	3,334	100.0	78.0	3.0	3.0	15.9	100.0	29.7	46.5	14.3	9.4	35.9
Service workers . . . . .	9,518	100.0	63.4	1.2	3.0	32.3	100.0	39.1	37.1	12.4	11.3	33.8
Private household workers . . . . .	2,160	100.0	34.7	1.5	6.4	57.3	100.0	67.0	19.8	5.6	7.5	23.5
Other service workers . . . . .	7,358	100.0	71.9	1.1	2.0	25.0	100.0	31.0	42.2	14.4	12.4	36.8

Table A-23: Occupation group of employed persons, by sex and color

October 1966

Occupation	Thousands			Percent distribution								
	Total	Male	Female	Total	Male	Female	White			Nonwhite		
							Total	Male	Female	Total	Male	Female
Total . . . . .	74,730	47,597	27,133	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers . . . . .	33,818	18,461	15,357	45.3	38.8	56.6	48.3	41.1	61.2	20.8	17.6	25.2
Professional and technical . . . . .	9,708	6,065	3,644	13.0	12.7	13.4	13.7	13.4	14.2	7.2	6.4	8.3
Medical and other health . . . . .	1,498	607	891	2.0	1.3	3.3	2.1	1.3	3.5	1.4	1.1	1.9
Teachers, except college . . . . .	2,245	688	1,557	3.0	1.4	5.7	3.1	1.5	5.9	2.5	1.1	4.4
Other professional and technical . . . . .	5,965	4,770	1,196	8.0	10.0	4.4	8.6	10.7	4.8	3.3	4.2	2.0
Managers, officials, and proprietors . . . . .	7,413	6,275	1,138	9.9	13.2	4.2	10.8	14.3	4.6	2.5	3.3	1.3
Salaried workers . . . . .	4,823	4,103	720	6.5	8.6	2.7	7.1	9.4	3.0	1.0	1.4	.5
Self-employed workers in retail trade . . . . .	1,243	951	292	1.7	2.0	1.1	1.8	2.1	1.1	.8	.9	.7
Self-employed workers, except retail trade . . . . .	1,347	1,221	126	1.8	2.6	.5	1.9	2.7	.5	.6	1.0	.1
Clerical workers . . . . .	11,929	3,288	8,640	16.0	6.9	31.8	16.8	7.0	34.5	9.4	6.1	13.9
Stenographers, typists, and secretaries . . . . .	3,122	51	3,070	4.2	.1	11.3	4.5	.1	12.3	1.8	(1)	4.2
Other clerical workers . . . . .	8,807	3,237	5,570	11.8	6.8	20.5	12.3	6.9	22.1	7.6	6.1	9.7
Sales workers . . . . .	4,768	2,833	1,935	6.4	6.0	7.1	7.0	6.4	7.9	1.7	1.7	1.7
Retail trade . . . . .	2,859	1,142	1,717	3.8	2.4	6.3	4.2	2.5	7.1	1.2	1.1	1.3
Other sales workers . . . . .	1,909	1,691	218	2.6	3.6	.8	2.8	3.9	.9	.5	.6	.4
Blue-collar workers . . . . .	27,163	22,579	4,585	36.3	47.4	16.9	35.7	46.2	16.8	41.5	58.9	17.7
Craftsmen, foremen . . . . .	9,813	9,508	304	13.1	20.0	1.1	13.7	20.7	1.2	8.1	13.4	.8
Carpenters . . . . .	901	892	8	1.2	1.9	(1)	1.2	1.9	(1)	.8	1.5	-
Construction craftsmen, except carpenters . . . . .	1,961	1,953	7	2.6	4.1	(1)	2.7	4.2	(1)	2.1	3.7	-
Mechanics and repairmen . . . . .	2,453	2,444	10	3.3	5.1	(1)	3.4	5.3	(1)	2.2	3.7	-
Metal craftsmen, except mechanics . . . . .	1,185	1,172	14	1.6	2.5	.1	1.7	2.6	(1)	.9	1.5	.1
Other craftsmen and kindred workers . . . . .	1,952	1,783	169	2.6	3.7	.6	2.8	3.9	.7	1.3	2.0	.3
Foremen, not elsewhere classified . . . . .	1,361	1,264	96	1.8	2.7	.4	1.9	2.8	.3	.8	1.0	.5
Operatives . . . . .	13,858	9,681	4,179	18.5	20.3	15.4	18.1	19.6	15.3	22.5	27.1	16.2
Drivers and deliverymen . . . . .	2,559	2,487	73	3.4	5.2	.3	3.3	5.0	.3	4.3	7.3	.2
Other operatives . . . . .	11,299	7,194	4,106	15.1	15.1	15.1	14.7	14.6	15.0	18.2	19.7	16.0
Durable goods manufacturing . . . . .	4,517	3,327	1,190	6.0	7.0	4.4	6.0	6.8	4.6	6.0	8.4	2.8
Nondurable goods manufacturing . . . . .	3,853	1,766	2,088	5.2	3.7	7.7	5.1	3.6	7.8	5.7	4.9	6.9
Other industries . . . . .	2,929	2,101	828	3.9	4.4	3.1	3.6	4.2	2.6	6.4	6.4	6.3
Nonfarm laborers . . . . .	3,492	3,390	102	4.7	7.1	.4	3.9	5.9	.3	10.9	18.4	.6
Construction . . . . .	686	685	1	.9	1.4	(1)	.7	1.1	(1)	2.4	4.2	-
Manufacturing . . . . .	1,113	1,050	63	1.5	2.2	.2	1.3	1.9	.2	3.0	5.0	.2
Other industries . . . . .	1,693	1,655	38	2.3	3.5	.1	1.9	2.8	.1	5.5	9.3	.4
Service workers . . . . .	9,805	3,412	6,393	13.1	7.2	23.6	10.9	6.2	19.5	30.9	15.9	51.4
Private household workers . . . . .	2,194	54	2,140	2.9	.1	7.9	1.9	.1	5.1	11.5	.3	26.9
Service workers, except private household . . . . .	7,611	3,358	4,253	10.2	7.1	15.7	9.1	6.1	14.4	19.4	15.7	24.4
Protective service workers . . . . .	833	796	36	1.1	1.7	.1	1.2	1.8	.1	.6	.9	(1)
Waiters, cooks, and bartenders . . . . .	2,049	581	1,469	2.7	1.2	5.4	2.6	1.1	5.3	4.0	2.6	6.0
Other service workers . . . . .	4,729	1,981	2,748	6.3	4.2	10.1	5.3	3.3	8.9	14.8	12.2	18.4
Farm workers . . . . .	3,943	3,146	797	5.3	6.6	2.9	5.1	6.5	2.5	6.8	7.6	5.7
Farmers and farm managers . . . . .	2,141	1,999	143	2.9	4.2	.5	3.0	4.4	.5	1.9	2.5	1.0
Farm laborers and foremen . . . . .	1,802	1,147	654	2.4	2.4	2.4	2.1	2.1	2.1	4.9	5.1	4.7
Paid workers . . . . .	1,141	891	249	1.5	1.9	.9	1.2	1.6	.6	4.0	4.5	3.3
Unpaid family workers . . . . .	661	256	405	.9	.5	1.5	.9	.5	1.5	.9	.5	1.4

1 Less than 0.05 percent.

**HOUSEHOLD DATA**

**Table A-24: Persons at work in nonagricultural industries, by full-time and part-time status, hours of work, and selected characteristics**

October 1966

(Percent distribution)

Characteristics	Full or part-time status						Hours of work				
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 hours and over	Average hours, total at work
	Thousands	Percent		Economic reasons		Other reasons					
				Usually work full time	Usually work part time	Usually work part time					
<b>AGE AND SEX</b>											
Total	67,917	100.0	84.8	1.2	.9	13.3	100.0	19.9	47.2	33.0	40.1
<b>Male</b>											
14 to 17 years	1,477	100.0	91.2	1.1	.6	7.1	100.0	13.1	45.1	41.8	43.0
18 and 19 years	1,575	100.0	13.7	.3	1.2	84.8	100.0	88.3	9.4	2.3	16.2
20 to 24 years	4,300	100.0	66.7	2.7	1.3	29.4	100.0	38.5	38.8	22.8	34.1
25 to 34 years	9,223	100.0	89.4	1.3	.6	8.6	100.0	14.9	47.4	37.6	41.6
35 to 44 years	9,886	100.0	96.9	1.2	.3	1.6	100.0	7.0	45.5	47.5	45.4
45 to 64 years	14,608	100.0	98.2	.8	.3	.7	100.0	6.1	44.8	49.1	45.9
65 years and over	1,555	100.0	96.3	1.2	.8	1.7	100.0	8.2	49.7	42.1	44.5
<b>Female</b>											
14 to 17 years	1,206	100.0	66.0	.9	2.0	31.1	100.0	39.4	34.5	26.1	34.8
18 and 19 years	1,559	100.0	73.5	1.3	1.5	23.7	100.0	31.5	50.6	17.9	35.0
20 to 24 years	3,286	100.0	11.2	.5	.5	87.7	100.0	89.9	7.3	2.7	13.0
25 to 34 years	4,256	100.0	70.4	1.3	1.7	26.5	100.0	34.6	52.7	12.6	32.8
35 to 44 years	5,343	100.0	83.8	1.3	.8	14.2	100.0	21.6	62.4	15.9	37.1
45 to 64 years	8,008	100.0	76.6	1.8	1.1	20.5	100.0	28.1	54.5	17.4	35.9
65 years and over	834	100.0	75.2	1.2	1.6	22.0	100.0	30.2	52.6	17.2	35.7
<b>MARITAL STATUS AND SEX</b>											
Male: Single	6,849	100.0	78.1	1.4	2.0	18.5	100.0	27.3	50.3	22.4	37.2
Married, wife present	33,692	100.0	53.9	.5	.9	44.7	100.0	48.9	34.6	16.5	31.0
Other	2,084	100.0									
Female: Single	5,796	100.0									
Married, husband present	14,308	100.0									
Other	5,188	100.0									
<b>COLOR AND SEX</b>											
White	60,636	100.0									
Male	38,486	100.0									
Female	22,150	100.0									
Nonwhite	7,280	100.0									
Male	4,139	100.0									
Female	3,142	100.0									

**Table A-25: Persons at work, by hours of work, and class of worker**

October 1966  
(Percent distribution)

Hours of work	Nonagricultural industries											
	Total	Agriculture				Total	Wage and salary workers				Self-employed workers	Unpaid family workers
		Total	Wage and salary workers	Self-employed workers	Unpaid family workers		Total	Private households	Government	Other		
Total at work . . . thousands	72,114	4,198	1,438	2,092	668	67,917	61,649	2,338	10,445	48,865	5,687	581
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 to 34 hours	20.7	30.4	36.5	19.9	50.0	19.9	19.6	67.0	18.5	17.7	20.1	43.4
1 to 14 hours	6.5	8.4	14.3	7.0	-	6.3	6.2	41.3	5.1	4.8	8.1	-
15 to 21 hours	5.3	11.6	11.2	7.0	26.6	4.9	4.7	11.7	4.4	4.4	5.0	22.3
22 to 29 hours	3.8	5.9	7.1	2.3	14.7	3.6	3.6	8.6	3.2	3.5	2.9	10.5
30 to 34 hours	5.1	4.5	3.9	3.6	8.7	5.1	5.1	5.4	5.8	5.0	4.1	10.6
35 to 40 hours	45.3	15.8	20.2	11.6	18.9	47.2	49.5	19.6	56.3	49.5	23.6	22.4
35 to 39 hours	5.9	4.9	4.7	3.4	9.9	6.0	6.0	6.7	5.1	6.2	4.8	9.0
40 hours	39.4	10.9	15.5	8.2	9.0	41.2	43.5	12.9	51.2	43.3	18.8	13.4
41 hours and over	34.0	53.8	43.2	68.3	31.1	33.0	30.7	13.5	25.2	32.7	56.3	34.0
41 to 47 hours	8.2	4.6	6.5	2.6	6.8	8.6	8.6	3.6	7.5	9.2	7.2	7.0
48 hours	6.3	4.7	4.9	5.5	1.5	6.4	6.5	2.1	3.9	7.2	6.0	3.5
49 hours and over	19.5	44.5	31.8	60.2	22.8	18.0	15.6	7.8	13.8	16.3	43.1	23.5
49 to 54 hours	7.1	8.1	5.9	9.7	8.1	7.0	6.5	2.6	5.5	6.9	12.1	6.9
55 to 59 hours	3.0	3.6	4.3	3.5	2.1	3.0	2.8	1.3	2.7	2.9	4.9	3.4
60 to 69 hours	5.4	13.5	11.7	17.0	6.5	4.9	4.1	1.6	3.5	4.3	14.2	5.7
70 hours and over	4.0	19.3	9.9	30.0	6.1	3.1	2.2	2.3	2.1	2.2	11.9	7.5
Average hours, total at work	40.4	46.0	39.7	53.5	36.1	40.1	39.5	23.4	39.4	40.3	46.0	38.4

## HOUSEHOLD DATA SEASONALLY ADJUSTED

**Table A-26: Summary employment and unemployment estimates, by age and sex, seasonally adjusted**

(In thousands)

Employment status	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965
<b>TOTAL</b>													
Total labor force	80,414	80,342	80,549	80,233	80,185	79,313	79,674	79,315	79,279	79,644	79,408	78,906	78,606
Civilian labor force	77,135	77,113	77,371	77,098	77,086	76,268	76,666	76,341	76,355	76,754	76,567	76,111	75,846
Employed	74,163	74,165	74,338	74,072	73,997	73,231	73,799	73,435	73,521	73,715	73,441	72,914	72,561
Agriculture	3,971	4,049	4,158	4,144	4,238	4,076	4,482	4,363	4,442	4,429	4,486	4,273	4,551
Nonagricultural industries	70,192	70,116	70,180	69,928	69,759	69,155	69,317	69,072	69,079	69,286	68,955	68,641	68,010
On full-time schedules <sup>1</sup>	56,316	56,742	57,394	57,305	56,717	56,002	55,421	55,839	55,954	55,854	55,884	55,299	54,725
On part-time for economic reasons <sup>1</sup>	1,559	1,636	1,716	1,977	2,004	1,607	1,571	1,622	1,681	1,819	1,745	1,819	1,821
Usually work full time	829	832	856	975	1,040	839	776	820	899	902	766	817	848
Usually work part time	730	804	860	1,002	964	768	795	802	782	917	979	1,002	973
On voluntary part-time schedules <sup>1</sup>	8,576	8,324	8,412	8,011	7,790	7,985	8,167	8,016	7,948	8,070	8,030	7,915	7,884
Unemployed	2,972	2,948	3,033	3,026	3,089	3,037	2,867	2,906	2,834	3,039	3,126	3,197	3,285
<b>MEN, 20 YEARS AND OVER</b>													
Civilian labor force	44,610	44,666	44,833	44,744	44,780	44,661	44,836	44,822	44,823	44,788	44,751	44,565	44,539
Employed	43,540	43,583	43,691	43,585	43,621	43,597	43,772	43,664	43,680	43,604	43,579	43,330	43,234
Agriculture	2,808	2,884	2,855	2,854	2,860	2,861	3,035	2,980	2,990	2,936	3,035	2,933	3,131
Nonagricultural industries	40,732	40,699	40,836	40,731	40,761	40,736	40,737	40,684	40,690	40,668	40,544	40,397	40,103
Unemployed	1,070	1,083	1,142	1,159	1,159	1,064	1,064	1,158	1,143	1,184	1,172	1,235	1,305
<b>WOMEN, 20 YEARS AND OVER</b>													
Civilian labor force	24,860	24,930	24,481	24,313	24,226	24,082	24,000	23,899	24,016	24,145	24,121	23,967	23,779
Employed	23,868	23,982	23,527	23,425	23,286	23,121	23,133	23,045	23,145	23,228	23,157	22,937	22,790
Agriculture	593	633	647	687	682	632	728	732	754	765	769	684	749
Nonagricultural industries	23,275	23,349	22,880	22,738	22,604	22,489	22,405	22,313	22,391	22,463	22,388	22,253	22,041
Unemployed	992	948	954	888	940	961	867	854	871	917	964	1,030	989
<b>BOTH SEXES, 14-19 YEARS</b>													
Civilian labor force	7,665	7,517	8,057	8,041	8,080	7,525	7,830	7,620	7,516	7,821	7,695	7,579	7,528
Employed	6,755	6,600	7,120	7,062	7,090	6,513	6,894	6,726	6,696	6,883	6,705	6,647	6,537
Agriculture	570	532	656	603	696	583	719	651	698	728	682	656	671
Nonagricultural industries	6,185	6,068	6,464	6,459	6,394	5,930	6,175	6,075	5,998	6,155	6,023	5,991	5,866
Unemployed	910	917	937	979	990	1,012	936	894	820	938	990	932	991

<sup>1</sup> These categories will not add to the nonagricultural industries total because of the exclusion of persons "with a job but not at work" during the survey week.

**Table A-27: Seasonally adjusted rates of unemployment**

Selected unemployment rates	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965
Total (all civilian workers)	3.9	3.8	3.9	3.9	4.0	4.0	3.7	3.8	3.7	4.0	4.1	4.2	4.3
Men, 20 years and over	2.4	2.4	2.5	2.6	2.6	2.4	2.4	2.6	2.6	2.6	2.6	2.8	2.9
20-24 years	4.2	4.3	4.8	3.6	5.0	4.9	4.3	5.0	4.4	4.2	5.1	5.7	5.5
25 years and over	2.1	2.2	2.3	2.5	2.3	2.1	2.1	2.3	2.3	2.5	2.3	2.5	2.6
Women, 20 years and over	4.0	3.8	3.9	3.7	3.9	4.0	3.6	3.6	3.6	3.8	4.0	4.3	4.2
Both sexes, 14-19 years	11.9	12.2	11.6	12.2	12.3	13.4	12.0	11.7	10.9	12.0	12.9	12.3	13.2
White workers	3.4	3.3	3.4	3.4	3.5	3.5	3.4	3.4	3.3	3.5	3.7	3.7	3.9
Nonwhite workers	7.6	7.8	8.2	7.9	7.9	7.6	7.0	7.2	7.0	7.0	7.5	8.1	7.9
Married men	1.9	1.9	2.0	2.0	1.9	1.8	1.8	1.9	1.9	1.9	1.8	2.0	2.1
Full-time workers <sup>1</sup>	3.4	3.4	3.5	3.7	3.8	3.7	3.4	3.4	3.3	3.5	3.7	3.8	3.8
Blue-collar workers	4.1	4.1	4.5	4.6	4.4	4.2	4.0	4.2	4.0	4.2	4.4	4.6	4.8
Experienced wage and salary workers	3.6	3.6	3.7	3.5	3.7	3.7	3.4	3.5	3.3	3.5	3.7	3.8	4.0
Labor force time lost	4.1	4.2	4.3	4.6	4.8	4.4	4.1	4.1	4.0	4.3	4.4	4.5	4.6

<sup>1</sup> Adjusted by provisional seasonal factors.

**Table A-28: Unemployed persons by duration of unemployment, seasonally adjusted**

(In thousands)

Duration of unemployment	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965
Less than 5 weeks	1,544	1,626	1,666	1,710	1,816	1,789	1,625	1,543	1,514	1,548	1,532	1,618	1,562
5 to 14 weeks	898	807	927	912	815	856	670	787	721	738	869	903	992
15 weeks and over	520	499	451	435	476	536	603	588	579	661	660	644	697
15-26 weeks	292	298	249	220	251	261	343	319	315	354	355	334	350
27 weeks and over	228	201	202	215	225	275	260	269	264	307	305	310	347
15 weeks and over as a percent of civilian labor force	.7	.6	.6	.6	.6	.7	.8	.8	.8	.9	.9	.8	.9

# HOUSEHOLD DATA SEASONALLY ADJUSTED

Table A-29: Rates of unemployment by age and sex, seasonally adjusted

Age and sex	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965
Total, 14 years and over	3.9	3.8	3.9	3.9	4.0	4.0	3.7	3.8	3.7	4.0	4.1	4.2	4.3
14 to 17 years	12.7	13.3	11.9	12.6	12.6	14.7	12.5	13.1	11.7	12.7	14.7	13.2	13.0
14 and 15 years	8.0	9.4	7.3	7.8	7.8	9.5	6.4	6.7	7.8	8.7	12.4	9.0	6.7
16 and 17 years	14.7	15.2	14.1	14.9	15.0	17.2	15.6	16.3	13.5	14.7	15.8	15.4	16.0
18 years and over	3.4	3.3	3.5	3.5	3.5	3.4	3.3	3.3	3.3	3.5	3.5	3.7	3.9
18 and 19 years	11.4	10.9	11.1	12.1	12.3	11.9	11.8	10.4	10.3	11.2	11.6	11.3	13.5
20 to 24 years	5.3	5.2	5.5	4.6	5.8	5.5	5.2	5.2	5.0	5.4	5.6	6.6	5.9
25 years and over	2.6	2.6	2.7	2.8	2.6	2.6	2.5	2.6	2.6	2.7	2.7	2.9	3.0
25 to 54 years	2.7	2.6	2.8	2.7	2.7	2.6	2.5	2.6	2.6	2.7	2.8	2.9	3.1
55 years and over	2.5	2.5	2.6	2.8	2.4	2.8	2.5	2.7	2.8	2.8	2.8	3.0	3.0
Males, 18 years and over	2.7	2.7	2.9	3.0	3.0	2.8	2.7	2.9	2.9	2.9	3.0	3.0	3.4
18 and 19 years	9.7	10.0	9.5	10.9	11.5	10.8	10.3	9.9	9.3	9.7	9.9	8.7	12.9
20 to 24 years	4.2	4.3	4.8	3.6	5.0	4.9	4.3	5.0	4.4	4.2	5.1	5.7	5.5
25 years and over	2.1	2.2	2.3	2.5	2.3	2.1	2.1	2.3	2.3	2.5	2.3	2.5	2.6
25 to 54 years	2.1	2.1	2.2	2.3	2.2	1.9	2.0	2.1	2.2	2.3	2.2	2.3	2.4
55 years and over	2.4	2.7	2.8	3.1	2.6	3.0	2.7	2.9	3.0	3.0	2.7	3.1	3.4
Females, 18 years and over	4.6	4.3	4.6	4.4	4.5	4.6	4.3	4.1	4.1	4.4	4.7	5.0	4.8
18 and 19 years	13.2	12.1	12.8	13.5	13.1	13.3	13.5	11.1	11.5	13.1	13.6	14.3	14.1
20 to 24 years	6.7	6.5	6.5	5.9	6.8	6.4	6.4	5.5	5.9	7.1	6.3	7.7	6.5
25 years and over	3.5	3.3	3.5	3.3	3.3	3.5	3.2	3.3	3.2	3.3	3.6	3.7	3.8
25 to 54 years	3.8	3.7	3.9	3.5	3.6	3.9	3.4	3.5	3.4	3.5	3.9	4.1	4.5
55 years and over	2.8	2.3	2.3	2.3	2.1	2.6	2.0	2.5	2.4	2.4	2.9	2.9	2.1

Table A-30: Employed persons by age and sex, seasonally adjusted

(In thousands)

Age and sex	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965
Total, 14 years and over	74,163	74,165	74,338	74,072	73,997	73,231	73,799	73,435	73,521	73,715	73,441	72,914	72,561
14 to 17 years	3,324	3,257	3,539	3,412	3,438	3,231	3,489	3,382	3,397	3,546	3,406	3,401	3,392
14 and 15 years	1,059	1,079	1,214	1,139	1,198	1,107	1,258	1,223	1,142	1,221	1,155	1,198	1,167
16 and 17 years	2,265	2,178	2,325	2,273	2,240	2,124	2,231	2,159	2,255	2,325	2,251	2,203	2,225
18 years and over	70,798	70,837	70,805	70,616	70,440	70,057	70,304	70,017	70,100	70,212	70,069	69,521	69,230
18 and 19 years	3,376	3,294	3,595	3,586	3,542	3,294	3,418	3,392	3,347	3,424	3,370	3,226	3,120
20 to 24 years	7,912	7,856	7,948	7,989	8,010	7,997	7,979	7,850	7,792	7,759	7,739	7,738	7,684
25 years and over	59,510	59,687	59,262	59,041	58,888	58,766	58,907	58,775	58,961	59,029	58,960	58,557	58,426
25 to 44 years	30,347	30,372	30,139	30,028	30,086	30,175	30,211	30,244	30,392	30,397	30,410	30,118	29,971
45 years and over	29,021	29,162	29,059	28,904	28,798	28,588	28,715	28,615	28,641	28,676	28,587	28,411	28,369
Males, 18 years and over	45,335	45,326	45,614	45,572	45,548	45,397	45,634	45,467	45,487	45,474	45,420	45,137	44,953
18 and 19 years	1,778	1,776	1,942	1,946	1,895	1,783	1,874	1,874	1,850	1,897	1,839	1,780	1,689
20 to 24 years	4,534	4,524	4,615	4,624	4,605	4,594	4,623	4,595	4,549	4,553	4,543	4,569	4,469
25 years and over	39,023	39,026	39,057	39,002	39,046	39,020	39,137	38,998	39,088	39,024	39,038	38,788	38,795
25 to 44 years	20,315	20,353	20,382	20,363	20,444	20,565	20,578	20,576	20,633	20,530	20,546	20,445	20,408
45 years and over	18,667	18,659	18,647	18,576	18,583	18,439	18,571	18,493	18,498	18,521	18,490	18,316	18,357
Females, 18 years and over	25,463	25,511	25,191	25,044	24,892	24,660	24,670	24,550	24,613	24,738	24,649	24,384	24,277
18 and 19 years	1,598	1,518	1,653	1,640	1,645	1,511	1,544	1,518	1,497	1,527	1,531	1,446	1,431
20 to 24 years	3,378	3,332	3,333	3,365	3,405	3,403	3,356	3,255	3,243	3,206	3,196	3,169	3,215
25 years and over	20,487	20,661	20,205	20,039	19,842	19,746	19,770	19,777	19,873	20,005	19,922	19,769	19,631
25 to 44 years	10,032	10,019	9,757	9,665	9,642	9,610	9,633	9,668	9,759	9,867	9,864	9,673	9,563
45 years and over	10,354	10,503	10,412	10,328	10,215	10,149	10,144	10,122	10,143	10,155	10,097	10,095	10,012

NOTE: Due to the independent seasonal adjustment of several of the series, detail will not necessarily add to totals.

# ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

Table 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	10,659	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	3,682	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	3,695	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.....	26,649	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	1,790	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.....	47,849	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	650	2,902	16,853	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
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.....	60,770	632	3,181	18,032	4,033	12,683	3,317	9,366	3,019	9,098	10,091	2,378	7,713
1965: October..	62,141	633	3,431	18,461	4,104	12,852	3,388	9,464	3,038	9,263	10,359	2,384	7,975
1965: November..	62,392	635	3,341	18,496	4,092	13,078	3,394	9,684	3,033	9,245	10,472	2,402	8,070
1965: December..	63,038	632	3,167	18,473	4,087	13,762	3,415	10,347	3,034	9,245	10,638	2,543	8,095
1966: January..	61,439	621	2,940	18,333	4,026	12,835	3,371	9,464	3,018	9,176	10,490	2,406	8,084
1966: February..	61,622	617	2,818	18,518	4,035	12,738	3,367	9,371	3,024	9,250	10,622	2,431	8,191
1966: March....	62,243	620	2,981	18,651	4,056	12,826	3,374	9,452	3,043	9,331	10,735	2,460	8,275
1966: April....	62,928	590	3,156	18,774	4,077	13,015	3,386	9,629	3,056	9,465	10,795	2,493	8,302
1966: May.....	63,465	630	3,277	18,906	4,115	13,061	3,400	9,661	3,070	9,572	10,834	2,513	8,321
1966: June.....	64,563	645	3,521	19,258	4,180	13,239	3,473	9,766	3,112	9,702	10,906	2,592	8,314
1966: July.....	64,274	645	3,623	19,123	4,171	13,225	3,511	9,714	3,148	9,782	10,557	2,637	7,920
1966: August....	64,484	649	3,641	19,391	4,154	13,224	3,521	9,703	3,146	9,772	10,507	2,641	7,866
1966: September	64,855	638	3,526	19,525	4,217	13,253	3,498	9,755	3,108	9,706	10,882	2,589	8,293
1966: October..	65,073	632	3,445	19,499	4,193	13,382	3,517	9,865	3,101	9,739	11,082	2,586	8,496

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

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
-	<b>TOTAL</b> . . . . .	65,073	64,855	64,484	62,141	61,863					
-	<b>MINING</b> . . . . .	632	638	649	633	631	490	496	506	496	493
10	<b>METAL MINING</b> . . . . .	-	87.7	88.6	83.1	83.8	-	72.9	73.5	69.1	69.8
101	Iron ores . . . . .	-	26.5	26.4	25.9	26.1	-	22.4	22.2	21.9	22.1
102	Copper ores . . . . .	-	33.0	33.2	29.5	29.6	-	27.1	27.3	24.2	24.4
11,12	<b>COAL MINING</b> . . . . .	-	142.6	142.5	142.8	135.4	-	124.0	124.0	124.9	117.7
12	Bituminous . . . . .	-	134.6	134.3	132.9	125.6	-	116.8	116.8	116.0	108.9
13	<b>CRUDE PETROLEUM AND NATURAL GAS</b> . . . . .	-	281.3	289.7	284.2	287.0	-	194.3	201.9	199.6	201.4
131,2	Crude petroleum and natural gas fields . . . . .	-	153.5	156.6	154.3	156.8	-	84.4	87.0	86.8	88.5
138	Oil and gas field services . . . . .	-	127.8	133.1	129.9	130.2	-	109.9	114.9	112.8	112.9
14	<b>QUARRYING AND NONMETALLIC MINING</b> . . . . .	-	126.1	127.8	122.7	124.8	-	105.2	106.4	102.2	104.3
142	Crushed and broken stone . . . . .	-	43.9	44.4	43.1	43.4	-	37.5	38.0	37.0	37.2
144	Sand and gravel . . . . .	-	41.8	42.5	41.8	42.6	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> . . . . .	3,445	3,526	3,641	3,431	3,460	2,946	3,030	3,141	2,946	2,979
	<b>GENERAL BUILDING CONTRACTORS</b> . . . . .		1,126.3	1,165.3	1,065.5	1,077.7		978.8	1,017.3	922.8	934.5
16	<b>HEAVY CONSTRUCTION</b> . . . . .	-	759.7	781.5	742.8	752.1	-	669.4	689.9	653.0	662.5
161	Highway and street construction . . . . .	-	400.8	411.9	395.6	398.1	-	364.0	374.9	359.2	362.8
162	Other heavy construction . . . . .	-	358.9	369.6	347.2	354.0	-	305.4	315.0	293.8	299.7
17	<b>SPECIAL TRADE CONTRACTORS</b> . . . . .	-	1,640.1	1,694.0	1,623.1	1,630.4	-	1,382.0	1,433.8	1,370.6	1,381.5
171	Plumbing, heating, and air conditioning . . . . .	-	379.6	383.6	378.9	376.2	-	309.1	312.1	309.6	308.2
172	Painting, paperhanging, and decorating . . . . .	-	153.8	161.0	155.9	161.3	-	138.5	145.3	140.6	146.6
173	Electrical work . . . . .	-	254.8	259.7	236.8	239.1	-	206.1	211.1	190.5	193.3
174	Masonry, plastering, stone and tile work . . . . .	-	238.7	255.7	247.0	252.4	-	217.8	234.3	225.8	231.2
176	Roofing and sheet metal work . . . . .	-	117.2	118.7	118.2	116.0	-	95.7	97.1	97.2	95.0
-	<b>MANUFACTURING</b> . . . . .	19,499	19,525	19,391	18,461	18,477	14,555	14,579	14,417	13,793	13,811
19,24,25,32-39	<b>DURABLE GOODS</b> . . . . .	11,441	11,428	11,249	10,627	10,614	8,511	8,498	8,304	7,908	7,896
20-23,26-31	<b>NONDURABLE GOODS</b> . . . . .	8,058	8,097	8,142	7,834	7,863	6,044	6,081	6,113	5,885	5,915
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> . . . . .	266.8	263.0	259.1	232.8	230.9	130.1	127.0	122.8	101.2	99.7
192	Ammunition, except for small arms . . . . .	198.9	194.9	191.7	177.2	175.3	86.1	83.0	79.4	66.6	65.1
1925	Guided missiles and spacecraft, complete . . . . .	-	164.2	162.6	158.4	157.2	-	57.5	55.4	52.2	51.5
194	Sighting and fire control equipment . . . . .	-	14.7	14.7	12.6	12.5	-	6.2	6.2	5.1	5.0
191,3569	Other ordnance and accessories . . . . .	53.2	53.4	52.7	43.0	43.1	37.8	37.8	37.2	29.5	29.6
24	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> . . . . .	617.8	631.3	649.9	622.9	629.6	539.5	552.9	570.0	547.1	553.4
241	Logging camps and logging contractors . . . . .	100.9	103.3	106.7	95.3	97.1	-	-	-	-	-
242	Sawmills and planing mills . . . . .	245.3	250.8	257.4	253.2	256.7	223.8	229.0	235.2	231.6	235.2
2421	Sawmills and planing mills, general . . . . .	-	211.7	217.3	214.6	218.1	-	193.3	196.6	196.5	200.1
243	Millwork, plywood, and related products . . . . .	161.0	165.3	171.4	165.9	166.9	134.5	138.7	144.3	139.7	140.5
2431	Millwork . . . . .	-	69.3	72.8	71.2	72.5	-	55.6	58.7	57.4	58.8
2432	Veneer and plywood . . . . .	-	76.4	77.6	75.9	75.0	-	69.7	71.1	69.5	68.5
244	Wooden containers . . . . .	34.5	35.3	36.5	34.2	34.6	30.8	31.7	32.8	30.8	31.2
2441,2	Wooden boxes, shooks, and crates . . . . .	-	27.3	28.5	26.1	26.3	-	24.5	25.6	23.4	23.7
249	Miscellaneous wood products . . . . .	76.1	76.6	77.9	74.3	74.3	65.0	65.7	66.9	63.7	63.4

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
<i>Durable Goods--Continued</i>											
25	<b>FURNITURE AND FIXTURES</b> . . . . .	465.0	465.6	466.5	439.8	437.5	386.2	386.7	387.6	366.1	363.8
251	Household furniture . . . . .	334.1	335.3	335.1	317.4	314.2	285.2	286.4	286.6	272.2	269.1
2511	Wood house furniture, unupholstered . . . . .	-	175.4	176.0	165.1	164.1	-	155.3	156.4	147.3	146.4
2512	Wood house furniture, upholstered . . . . .	-	84.2	83.7	81.1	79.9	-	70.2	69.7	67.9	66.6
2515	Mattresses and bedsprings . . . . .	-	38.6	38.8	37.2	37.2	-	30.8	30.8	29.5	29.4
252	Office furniture . . . . .	-	33.8	33.7	30.3	30.4	-	26.4	26.2	23.8	23.8
254	Partitions; office and store fixtures . . . . .	-	47.4	48.6	45.1	45.3	-	35.3	36.3	33.9	34.1
253,9	Other furniture and fixtures . . . . .	49.5	49.1	49.1	47.0	47.6	39.1	38.6	38.5	36.2	36.8
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . . . .	645.4	653.5	661.3	642.3	649.8	517.7	525.8	533.2	516.8	524.8
321	Flat glass . . . . .	-	32.2	32.3	33.4	33.4	-	25.3	25.2	27.0	27.0
322	Glass and glassware, pressed or blown . . . . .	124.7	125.6	126.3	117.6	118.0	108.9	109.8	110.2	101.8	103.1
3221	Glass containers . . . . .	-	67.8	69.4	64.6	66.0	-	60.1	61.6	56.1	58.4
3229	Pressed and blown glassware, n.e.c. . . . .	-	57.8	56.9	53.0	52.0	-	49.7	48.6	45.7	44.7
324	Cement, hydraulic . . . . .	38.4	39.0	39.7	38.4	39.0	29.2	29.8	30.9	29.8	30.4
325	Structural clay products . . . . .	68.0	69.5	71.5	70.5	71.4	57.1	58.8	60.6	59.9	60.9
3251	Brick and structural clay tile . . . . .	-	31.1	32.5	31.9	32.3	-	27.6	28.8	28.4	28.8
326	Pottery and related products . . . . .	-	44.3	43.5	45.1	45.5	-	37.5	37.0	38.7	39.0
327	Concrete, gypsum, and plaster products . . . . .	180.8	184.5	187.7	183.9	186.3	139.3	143.2	146.1	142.5	144.8
328,9	Other stone and mineral products . . . . .	132.9	134.1	136.3	130.0	133.0	100.5	101.4	103.5	97.8	100.5
3291	Abrasive products . . . . .	-	28.3	28.8	25.9	26.0	-	19.7	20.0	17.3	17.3
33	<b>PRIMARY METAL INDUSTRIES</b> . . . . .	1,331.4	1,343.5	1,351.8	1,273.9	1,312.4	1,083.5	1,093.8	1,100.2	1,034.4	1,071.4
331	Blast furnace and basic steel products . . . . .	647.9	659.3	669.8	627.8	663.3	526.9	537.1	545.8	508.3	542.2
3312	Blast furnaces, steel and rolling mills . . . . .	-	581.9	589.8	551.3	585.2	-	476.2	482.4	447.8	480.2
332	Iron and steel foundries . . . . .	236.8	237.3	237.8	226.1	229.1	201.8	202.6	202.8	193.2	196.2
3321	Gray iron foundries . . . . .	-	138.6	139.6	135.3	135.8	-	119.4	120.1	116.7	117.4
3322	Malleable iron foundries . . . . .	-	28.1	27.1	26.9	26.6	-	23.9	23.0	22.8	22.6
3323	Steel foundries . . . . .	-	70.6	71.1	63.9	66.7	-	59.3	59.7	53.7	56.2
333,4	Nonferrous smelting and refining . . . . .	76.8	77.6	78.6	73.9	75.1	58.8	59.4	60.2	57.4	58.7
335	Nonferrous rolling, drawing, and extruding . . . . .	212.0	211.8	209.2	198.7	197.7	164.4	164.2	162.0	153.7	152.8
3351	Copper rolling, drawing, and extruding . . . . .	-	49.2	49.2	47.0	46.9	-	38.1	38.0	36.4	36.3
3352	Aluminum rolling, drawing, and extruding . . . . .	-	67.4	67.8	64.5	64.4	-	52.7	53.1	50.1	50.0
3357	Nonferrous wire drawing and insulating . . . . .	-	71.8	68.7	66.3	65.9	-	56.6	53.8	52.3	51.9
336	Nonferrous foundries . . . . .	88.2	88.0	87.9	81.9	81.8	75.4	74.5	74.4	68.9	68.8
3361	Aluminum castings . . . . .	-	43.6	43.6	40.3	40.1	-	37.5	37.5	34.4	34.2
3362,9	Other nonferrous castings . . . . .	-	44.4	44.3	41.6	41.7	-	37.0	36.9	34.5	34.6
339	Miscellaneous primary metal industries . . . . .	69.7	69.5	68.5	65.5	65.4	56.2	56.0	55.0	52.9	52.7
3391	Iron and steel forgings . . . . .	-	46.5	45.5	43.9	44.0	-	38.2	37.0	36.2	36.2
34	<b>FABRICATED METAL PRODUCTS</b> . . . . .	1,373.2	1,370.6	1,360.9	1,300.7	1,294.3	1,071.6	1,070.2	1,057.9	1,011.2	1,005.4
341	Metal cans . . . . .	61.5	64.0	65.9	60.7	65.0	52.0	54.4	56.2	51.1	55.2
342	Cutlery, hand tools, and general hardware . . . . .	165.2	164.2	160.3	156.5	155.6	132.2	131.0	126.8	123.7	122.6
3421,3,5	Cutlery and hand tools, including saws . . . . .	-	65.7	65.3	61.1	61.5	-	53.2	52.6	48.3	48.8
3429	Hardware, n.e.c. . . . .	-	98.5	95.0	95.4	94.1	-	77.8	74.2	75.4	73.8
343	Heating equipment and plumbing fixtures . . . . .	79.4	79.9	80.1	79.0	80.0	59.7	60.2	60.3	59.3	60.3
3431,2	Sanitary ware and plumbers' brass goods . . . . .	-	35.4	35.8	36.2	37.3	-	28.8	28.9	29.3	30.4
3433	Heating equipment, except electric . . . . .	-	44.5	44.3	42.8	42.7	-	31.4	31.4	30.0	29.9
344	Fabricated structural metal products . . . . .	403.6	407.1	411.2	388.1	387.8	293.8	297.8	301.1	282.2	282.6
3441	Fabricated structural steel . . . . .	-	112.4	112.6	107.4	106.8	-	83.9	84.2	80.4	79.8
3442	Metal doors, sash, frames, and trim . . . . .	-	68.2	70.4	70.1	69.7	-	49.6	51.6	51.6	51.2
3443	Fabricated plate work (boiler shops) . . . . .	-	107.9	107.4	101.2	100.4	-	76.9	76.2	71.3	70.4
3444	Sheet metal work . . . . .	-	73.0	74.6	67.7	68.8	-	53.4	54.7	48.8	50.6
3446,9	Architectural and misc. metal work . . . . .	-	45.6	46.2	41.7	42.1	-	34.0	34.4	30.1	30.6
345	Screw machine products, bolts, etc. . . . .	110.9	109.1	108.1	99.8	99.5	88.4	86.7	85.5	79.3	79.1
3451	Screw machine products . . . . .	-	50.4	50.0	45.3	45.1	-	43.0	42.6	38.7	38.5
3452	Bolts, nuts, screws, rivets, and washers . . . . .	-	58.7	58.1	54.5	54.4	-	43.7	42.9	40.6	40.6
346	Metal stampings . . . . .	247.0	242.1	231.1	230.9	225.3	202.3	198.2	186.8	189.7	183.8
347	Coating, engraving, and allied services . . . . .	84.8	83.9	84.0	79.1	77.6	71.9	70.9	71.0	66.4	65.3
348	Miscellaneous fabricated wire products . . . . .	68.5	68.1	68.0	63.3	63.0	55.8	55.4	55.3	51.3	51.0
349	Miscellaneous fabricated metal products . . . . .	152.3	152.2	152.2	143.3	140.5	115.5	115.6	114.9	108.2	105.5
3494,8	Valves, pipe, and pipe fittings . . . . .	-	88.1	88.6	84.6	82.5	-	64.0	63.8	61.3	59.4

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



# ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
<i>Durable Goods--Continued</i>											
35	MACHINERY . . . . .	1,897.2	1,895.7	1,891.1	1,744.0	1,743.7	1,335.2	1,333.2	1,325.3	1,221.8	1,221.3
351	Engines and turbines . . . . .	100.0	99.6	99.1	91.5	90.8	68.7	69.0	68.5	62.7	61.9
3511	Steam engines and turbines . . . . .	-	34.5	34.4	32.3	31.7	-	20.2	20.2	18.7	18.0
3519	Internal combustion engines, n.e.c. . . . .	-	65.1	64.7	59.2	59.1	-	48.8	48.3	44.0	43.9
352	Farm machinery and equipment . . . . .	-	144.0	143.9	131.9	134.1	-	106.3	104.5	95.7	97.3
353	Construction and related machinery . . . . .	278.3	279.3	279.2	258.8	259.7	190.4	191.5	190.7	177.2	178.0
3531,2	Construction and mining machinery . . . . .	-	153.7	154.3	140.2	140.9	-	108.4	109.2	99.4	100.0
3533	Oil field machinery and equipment . . . . .	-	39.3	39.7	39.2	39.2	-	27.1	26.8	27.0	26.9
3535,6	Conveyors, hoists, and industrial cranes . . . . .	-	40.4	39.9	37.1	37.6	-	26.6	26.0	24.4	24.7
354	Metalworking machinery and equipment . . . . .	337.3	339.2	334.5	306.7	307.4	255.4	255.8	253.0	231.5	232.0
3541	Machine tools, metal cutting types . . . . .	-	81.4	81.2	75.2	74.8	-	57.1	56.7	52.9	52.5
3544	Special dies, tools, jigs, and fixtures . . . . .	-	115.9	112.6	105.6	105.0	-	94.4	92.9	87.4	86.6
3545	Machine tool accessories . . . . .	-	62.0	61.8	55.0	54.8	-	46.1	46.0	40.3	40.3
3542,8	Miscellaneous metalworking machinery . . . . .	-	79.9	78.9	70.9	72.8	-	58.2	57.4	50.9	52.6
355	Special industry machinery . . . . .	203.5	204.2	203.3	194.0	194.1	141.2	141.4	140.7	134.3	134.2
3551	Food products machinery . . . . .	-	43.1	42.8	39.6	40.2	-	27.7	27.6	25.6	25.9
3552	Textile machinery . . . . .	-	44.3	44.4	44.3	44.2	-	34.5	34.6	34.5	34.3
3555	Printing trades machinery . . . . .	-	29.0	28.2	27.2	26.9	-	20.5	20.0	19.1	19.0
356	General industrial machinery . . . . .	281.9	281.2	280.8	262.9	260.7	189.4	188.5	186.8	177.3	175.9
3561	Pumps; air and gas compressors . . . . .	-	77.2	77.2	72.0	68.3	-	44.2	44.2	41.8	39.0
3562	Ball and roller bearings . . . . .	-	60.3	59.5	57.5	57.3	-	47.2	46.4	45.6	45.4
3566	Mechanical power transmission goods . . . . .	-	52.8	52.8	48.3	49.8	-	39.4	39.2	35.9	37.4
357	Office, computing, and accounting machines . . . . .	219.8	218.3	217.3	197.0	194.8	130.7	130.2	129.1	117.7	116.1
3571	Computing machines and cash registers . . . . .	-	166.7	166.1	151.3	149.7	-	94.5	93.7	86.8	85.7
358	Service industry machines . . . . .	116.4	116.1	118.7	110.3	110.7	82.0	81.5	83.7	76.3	76.4
3585	Refrigeration, except home refrigerators . . . . .	-	71.2	73.6	67.9	68.0	-	49.7	51.9	46.5	46.6
359	Miscellaneous machinery . . . . .	215.9	213.8	214.3	190.9	191.4	171.1	169.0	168.3	149.1	149.5
36	ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .	1,966.4	1,956.4	1,939.6	1,724.8	1,698.9	1,374.5	1,365.9	1,345.4	1,195.7	1,172.6
361	Electric distribution equipment . . . . .	199.5	198.5	193.2	175.9	174.5	137.9	137.6	136.8	120.3	119.2
3611	Electric measuring instruments . . . . .	-	69.1	68.5	59.1	58.1	-	47.2	46.3	39.0	38.3
3612	Power and distribution transformers . . . . .	-	53.2	53.0	47.5	47.2	-	37.7	37.8	34.0	33.5
3613	Switchgear and switchboard apparatus . . . . .	-	76.2	76.7	69.3	69.2	-	52.7	52.7	47.3	47.4
362	Electrical industrial apparatus . . . . .	219.1	218.3	219.8	196.0	194.6	157.5	155.8	157.8	138.1	136.5
3621	Motors and generators . . . . .	-	119.8	118.7	106.1	105.3	-	86.4	85.8	75.6	74.7
3622	Industrial controls . . . . .	-	60.8	61.1	53.8	53.2	-	41.1	41.5	35.6	35.0
363	Household appliances . . . . .	190.0	187.5	184.1	168.0	166.0	150.0	148.7	144.4	132.0	130.1
3632	Household refrigerators and freezers . . . . .	-	62.0	58.5	51.7	51.5	-	51.3	47.9	41.7	41.6
3633	Household laundry equipment . . . . .	-	30.1	30.7	26.8	26.6	-	23.2	23.7	20.4	20.3
3634	Electric housewares and fans . . . . .	-	43.7	42.7	40.9	39.9	-	34.5	33.3	32.9	32.0
364	Electric lighting and wiring equipment . . . . .	195.0	194.3	192.8	177.6	176.4	152.8	152.3	150.7	138.5	137.4
3641	Electric lamps . . . . .	-	36.5	36.0	32.7	32.4	-	32.4	32.0	28.8	28.5
3642	Lighting fixtures . . . . .	-	62.3	62.1	60.1	59.7	-	48.4	48.1	46.8	46.5
3643,4	Wiring devices . . . . .	-	95.5	94.7	84.8	84.3	-	71.5	70.6	62.9	62.4
365	Radio and TV receiving sets . . . . .	187.3	184.6	177.1	149.4	145.9	150.1	148.7	141.2	120.4	117.1
366	Communication equipment . . . . .	477.3	477.3	476.6	426.2	421.5	241.2	240.1	236.8	214.5	211.2
3661	Telephone and telegraph apparatus . . . . .	-	122.4	123.2	116.7	115.2	-	82.2	82.8	80.7	79.5
3662	Radio and TV communication equipment . . . . .	-	354.9	353.4	309.5	306.3	-	157.9	154.0	133.8	131.7
367	Electronic components and accessories . . . . .	386.7	385.1	384.4	326.0	315.8	297.2	296.4	295.9	249.3	239.9
3671-3	Electron tubes . . . . .	-	77.0	76.1	63.6	62.4	-	55.4	54.4	44.6	43.3
3674,9	Electronic components, n.e.c. . . . .	-	308.1	308.3	262.4	253.4	-	241.0	241.5	204.7	196.6
369	Misc. electrical equipment and supplies . . . . .	111.9	110.8	106.6	105.7	104.2	88.1	86.3	81.8	82.6	81.2
3694	Electrical equipment for engines . . . . .	-	60.8	57.2	56.4	56.0	-	48.1	44.4	44.3	43.9
37	TRANSPORTATION EQUIPMENT . . . . .	1,970.8	1,952.0	1,777.9	1,792.9	1,775.7	1,413.5	1,392.1	1,215.4	1,286.9	1,267.6
371	Motor vehicles and equipment . . . . .	890.0	879.3	712.1	873.8	862.2	703.7	689.6	519.1	688.1	673.5
3711	Motor vehicles . . . . .	-	375.2	271.6	369.2	362.2	-	282.4	177.0	277.9	270.6
3712	Passenger car bodies . . . . .	-	59.0	27.7	68.5	63.7	-	50.1	17.3	56.4	51.5
3713	Truck and bus bodies . . . . .	-	36.8	36.6	34.8	35.1	-	29.7	29.6	28.2	28.6
3714	Motor vehicle parts and accessories . . . . .	-	382.6	351.7	374.8	374.5	-	307.9	276.9	305.2	302.1
372	Aircraft and parts . . . . .	796.1	787.6	776.2	644.8	639.9	477.1	469.5	458.2	373.2	368.7
3721	Aircraft . . . . .	-	442.3	437.5	347.5	343.7	-	255.4	250.9	195.4	192.1
3722	Aircraft engines and engine parts . . . . .	-	216.1	211.7	191.8	191.4	-	124.8	120.3	106.6	106.2
3723,9	Other aircraft parts and equipment . . . . .	-	129.2	127.0	105.5	104.8	-	89.3	87.0	71.2	70.4
373	Ship and boat building and repairing . . . . .	167.4	166.9	171.3	163.0	159.8	137.9	137.8	142.5	136.4	133.8
3731	Ship building and repairing . . . . .	-	137.2	141.6	133.6	131.6	-	113.2	117.8	111.9	110.0
3732	Boat building and repairing . . . . .	-	29.7	29.7	29.4	28.2	-	24.6	24.7	24.5	23.8
374	Railroad equipment . . . . .	-	61.1	60.3	54.5	56.9	-	48.4	47.4	42.3	44.7
375,9	Other transportation equipment . . . . .	-	57.1	58.0	56.8	56.9	-	46.8	48.2	46.9	46.9

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
<i>Durable Goods--Continued</i>											
38	<b>INSTRUMENTS AND RELATED PRODUCTS . . .</b>	438.8	434.7	434.0	395.7	394.7	282.8	279.6	279.4	255.2	254.9
381	Engineering and scientific instruments . . .	-	73.8	74.1	71.1	70.7	-	38.9	38.9	37.1	36.8
382	Mechanical measuring and control devices . . .	106.9	107.2	107.3	97.9	99.2	70.5	70.4	70.4	64.0	65.3
3821	Mechanical measuring devices . . . . .	-	66.7	66.5	61.6	61.6	-	41.9	41.5	38.6	38.6
3822	Automatic temperature controls . . . . .	-	40.5	40.8	36.3	37.6	-	28.5	28.9	25.4	26.7
383,5	Optical and ophthalmic goods . . . . .	50.1	49.6	49.1	46.3	46.1	35.8	35.6	35.1	33.4	33.2
385	Ophthalmic goods . . . . .	-	33.3	33.3	31.8	31.5	-	25.4	25.5	24.3	24.0
384	Surgical, medical, and dental equipment . . .	67.0	66.4	65.4	58.4	57.9	46.8	46.2	46.4	40.5	40.3
386	Photographic equipment and supplies . . . .	(*)	99.2	100.2	87.8	87.0	(*)	56.9	57.6	51.9	51.5
387	Watches and clocks . . . . .	-	38.5	37.9	34.2	33.8	-	31.6	31.0	28.3	27.8
<b>MISCELLANEOUS MANUFACTURING</b>											
39	<b>INDUSTRIES . . . . .</b>	468.3	461.7	456.6	457.5	446.9	376.3	371.1	366.7	371.3	360.7
391	Jewelry, silverware, and plated ware . . . .	50.4	49.3	48.7	47.0	46.6	39.4	38.5	38.0	37.2	36.7
394	Toys, amusement, and sporting goods . . . .	-	137.3	132.2	142.9	135.5	-	116.1	111.5	122.4	115.6
3941-3	Toys, games, dolls, and play vehicles . . .	-	89.7	85.4	97.6	91.1	-	77.0	73.5	84.9	79.0
3949	Sporting and athletic goods, n.e.c. . . . .	-	47.6	46.8	45.3	44.4	-	39.1	38.0	37.5	36.6
395	Pens, pencils, office, and art materials . . .	-	36.4	36.5	35.0	34.5	-	26.9	26.9	26.0	25.6
396	Costume jewelry, buttons, and notions . . . .	-	58.5	59.6	58.4	57.1	-	48.4	49.6	48.4	47.2
393,8,9	Other manufacturing industries . . . . .	182.9	180.2	179.6	174.2	173.2	143.0	141.2	140.7	137.3	135.6
393	Musical instruments and parts . . . . .	-	27.4	27.2	25.6	25.2	-	22.7	22.6	21.3	21.0
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS . . . . .</b>	1,830.7	1,882.1	1,897.1	1,838.4	1,873.7	1,236.4	1,284.2	1,291.0	1,242.5	1,274.4
201	Meat products . . . . .	329.8	327.9	329.7	326.0	323.1	265.4	263.1	263.5	261.3	257.7
2011	Meat packing . . . . .	-	192.2	192.7	194.4	192.8	-	149.2	148.7	150.7	148.8
2013	Sausages and other prepared meats . . . . .	-	52.6	54.1	52.5	52.1	-	37.5	38.6	37.6	37.2
2015	Poultry dressing and packing . . . . .	-	83.1	82.9	79.1	78.2	-	76.4	76.2	73.0	71.7
202	Dairy products . . . . .	274.3	280.1	289.0	282.9	288.7	123.1	127.2	133.4	128.1	132.2
2024	Ice cream and frozen desserts . . . . .	-	30.5	33.8	29.6	31.4	-	15.8	18.3	15.4	16.7
2026	Fluid milk . . . . .	-	203.3	207.5	206.1	208.4	-	75.6	78.0	76.5	78.0
203	Canned and preserved food, except meats . . .	-	381.8	381.9	313.2	368.3	-	336.9	336.2	271.6	326.2
2031,6	Canned, cured, and frozen sea foods . . . .	-	45.2	47.8	41.3	40.9	-	40.1	42.5	36.7	36.4
2032,3	Canned food, except sea foods . . . . .	-	225.9	225.9	168.2	224.8	-	198.6	198.4	143.5	199.0
2037	Frozen food, except sea foods . . . . .	-	66.7	61.9	62.1	62.4	-	61.1	56.3	56.5	57.0
204	Grain mill products . . . . .	125.2	126.2	127.1	127.6	127.5	88.4	89.2	90.3	90.3	90.4
2041	Flour and other grain mill products . . . . .	-	29.2	29.6	29.4	29.3	-	20.9	21.3	21.4	21.0
2042	Prepared feeds for animals and fowls . . . .	-	56.9	57.7	58.0	58.4	-	37.9	38.8	38.8	39.5
205	Bakery products . . . . .	281.3	281.4	285.3	286.2	285.8	163.3	164.0	167.3	166.9	166.4
2051	Bread, cake, and perishable products . . . .	-	238.9	241.8	242.4	242.3	-	128.4	130.8	130.2	130.1
2052	Biscuit, crackers, and pretzels . . . . .	-	42.5	43.5	43.8	43.5	-	35.6	36.5	36.7	36.3
206	Sugar . . . . .	-	33.6	30.6	49.3	31.1	-	26.4	23.5	42.1	24.3
207	Confectionery and related products . . . . .	79.9	77.4	75.5	82.6	80.3	66.6	64.2	62.1	67.9	65.9
2071	Candy and other confectionery products . . .	-	63.4	61.6	67.9	65.5	-	54.2	52.2	57.2	55.1
208	Beverages . . . . .	229.3	233.3	238.7	225.2	225.9	120.1	121.5	124.2	117.3	116.8
2082	Malt liquors . . . . .	-	61.6	64.3	61.9	63.4	-	40.7	43.1	40.5	42.2
2086	Bottled and canned soft drinks . . . . .	-	129.1	134.5	117.5	121.2	-	51.1	53.9	42.9	45.3
209	Miscellaneous food and kindred products . . .	141.0	140.4	139.3	145.4	143.0	92.3	91.7	90.5	97.0	94.5
21	<b>TOBACCO MANUFACTURES . . . . .</b>	92.2	94.5	88.2	102.0	101.7	79.5	81.7	75.5	89.4	89.2
211	Cigarettes . . . . .	-	39.8	40.0	38.8	39.6	-	32.7	32.8	32.2	33.0
212	Cigars . . . . .	-	22.2	22.0	24.8	24.4	-	20.7	20.4	23.1	22.7
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	957.1	959.2	965.4	936.6	933.1	852.8	855.2	862.5	836.8	833.6
221	Cotton broad woven fabrics . . . . .	238.8	238.5	238.5	230.4	229.3	219.0	218.8	219.4	211.3	210.1
222	Silk and synthetic broad woven fabrics . . . .	95.7	96.2	96.7	92.9	92.3	86.4	86.9	87.4	84.0	83.3
223	Weaving and finishing broad woolsens . . . . .	42.4	43.7	45.0	43.9	44.5	36.8	38.1	39.3	38.4	39.1
224	Narrow fabrics and small wares . . . . .	31.9	32.0	31.8	30.0	30.0	28.3	28.5	28.3	26.8	26.8
225	Knitting . . . . .	237.8	238.6	241.7	238.8	237.9	213.2	214.0	217.2	215.0	214.3
2251	Women's full and knee length hosiery . . . .	-	54.7	55.4	54.2	53.6	-	50.1	50.7	49.4	48.9
2252	All other hosiery . . . . .	-	43.2	43.7	44.6	44.5	-	39.6	40.2	41.1	40.9
2253	Knit outerwear . . . . .	-	74.2	75.1	76.6	76.3	-	65.3	66.1	67.9	67.7
2254	Knit underwear . . . . .	-	35.7	35.9	34.4	34.4	-	31.9	32.4	31.1	31.2
226	Finishing textiles, except wool and knit . . . .	76.0	75.9	76.4	74.5	74.7	64.0	63.9	64.4	63.3	63.5
227	Floor covering . . . . .	-	42.1	42.6	42.1	41.6	-	35.3	34.9	34.7	34.1
228	Yarn and thread . . . . .	116.2	116.5	117.9	110.8	110.1	107.7	108.0	109.6	102.6	102.1
229	Miscellaneous textile goods . . . . .	75.1	74.7	74.8	73.2	72.7	62.1	61.7	62.0	60.7	60.3

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)					Production workers <sup>1</sup>				
		All employees									
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
<i>Nondurable Goods--Continued</i>											
23	<b>APPAREL AND RELATED PRODUCTS</b> . . . . .	1,421.2	1,412.5	1,422.2	1,382.5	1,382.4	1,264.2	1,256.0	1,264.7	1,231.3	1,231.5
231	Men's and boys' suits and coats . . . . .	120.4	120.7	120.7	117.9	120.4	107.6	107.8	107.7	105.8	108.3
232	Men's and boys' furnishings . . . . .	368.9	369.9	373.1	359.1	358.5	333.3	334.5	337.3	325.5	325.1
2321	Men's and boys' shirts and nightwear . . . . .	-	131.9	133.4	129.9	130.0	-	119.3	120.8	117.8	118.0
2327	Men's and boys' separate trousers . . . . .	-	77.9	79.0	75.9	76.1	-	73.1	74.2	71.0	71.4
2328	Work clothing . . . . .	-	80.7	80.9	76.8	76.6	-	72.2	71.9	69.0	68.7
233	Women's, misses', and juniors' outerwear . . . . .	430.9	427.8	434.6	422.3	425.7	385.2	382.6	389.0	378.1	381.4
2331	Women's blouses, waists, and shirts . . . . .	-	51.4	52.5	51.8	52.0	-	47.0	48.0	47.5	47.6
2335	Women's, misses', and juniors' dresses . . . . .	-	205.6	207.5	205.6	207.4	-	184.4	185.9	184.0	185.9
2337	Women's suits, skirts, and coats . . . . .	-	95.9	100.2	93.5	96.8	-	86.3	90.5	84.0	87.3
2339	Women's and misses' outerwear, n.e.c. . . . .	-	74.9	74.4	71.4	69.5	-	64.9	64.6	62.6	60.6
234	Women's and children's undergarments . . . . .	131.3	129.6	128.8	125.5	124.6	116.4	114.7	114.5	110.8	110.2
2341	Women's and children's underwear . . . . .	-	85.9	85.3	82.6	82.3	-	77.7	77.4	74.9	74.9
2342	Corsets and allied garments . . . . .	-	43.7	43.5	42.9	42.3	-	37.0	37.1	35.9	35.3
235	Hats, caps, and millinery . . . . .	-	28.4	29.2	28.5	29.4	-	25.2	26.0	25.3	26.4
236	Girls' and children's outerwear . . . . .	80.2	80.3	82.3	78.6	78.4	71.0	71.5	73.5	70.6	70.0
2361	Children's dresses, blouses, and shirts . . . . .	-	34.5	35.8	35.1	34.9	-	31.1	32.3	31.7	31.5
237,8	Fur goods and miscellaneous apparel . . . . .	-	82.0	82.4	80.5	80.1	-	71.5	71.7	70.0	69.8
239	Miscellaneous fabricated textile products . . . . .	176.9	173.8	171.1	170.1	165.3	152.0	148.2	145.0	145.2	140.3
2391,2	Housefurnishings . . . . .	-	60.3	59.8	61.4	59.4	-	51.7	51.1	53.2	51.2
26	<b>PAPER AND ALLIED PRODUCTS</b> . . . . .	680.3	677.9	683.8	650.3	650.0	530.9	527.8	533.5	506.4	508.1
261,2,6	Paper and pulp . . . . .	219.7	220.0	223.5	213.0	214.5	173.2	173.5	176.5	168.9	170.9
263	Paperboard . . . . .	69.8	70.0	70.3	68.0	68.4	55.1	55.3	55.2	53.7	54.5
264	Converted paper and paperboard products . . . . .	175.0	174.1	175.3	162.4	162.6	129.4	127.9	128.8	119.1	119.2
2643	Bags, except textile bags . . . . .	-	40.1	39.6	37.8	37.5	-	32.3	32.1	30.4	30.2
265	Paperboard containers and boxes . . . . .	215.8	213.8	214.7	206.9	204.5	173.2	171.1	172.0	164.7	163.5
2651,2	Folding and setup paperboard boxes . . . . .	-	68.8	69.6	67.7	66.1	-	57.2	57.9	56.0	55.0
2653	Corrugated and solid fiber boxes . . . . .	-	96.4	96.2	92.6	91.5	-	74.7	74.6	71.7	70.9
27	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b> . . . . .	1,042.5	1,037.1	1,035.1	993.7	987.9	662.3	659.8	657.8	632.6	628.0
271	Newspaper publishing and printing . . . . .	357.7	355.7	353.3	350.3	347.3	180.7	179.7	177.7	179.6	177.3
272	Periodical publishing and printing . . . . .	-	73.7	73.9	71.0	71.1	-	25.5	25.7	25.8	25.9
273	Books . . . . .	-	88.9	90.8	81.3	81.4	-	54.9	56.5	49.9	50.1
275	Commercial printing . . . . .	332.1	330.4	327.3	314.9	313.1	260.5	259.5	256.5	246.9	245.0
2751	Commercial printing, except lithographic . . . . .	-	210.2	207.4	202.2	200.5	-	167.1	164.2	160.7	158.8
2752	Commercial printing, lithographic . . . . .	-	108.3	107.7	102.0	101.8	-	82.9	82.6	77.7	77.6
278	Bookbinding and related industries . . . . .	56.5	56.7	57.9	51.3	51.3	46.8	47.2	48.3	41.9	42.1
274,6,7,9	Other publishing and printing industries . . . . .	132.9	131.7	131.9	124.9	123.7	94.1	93.0	93.1	88.5	87.6
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> . . . . .	965.3	967.0	976.9	912.0	917.1	577.4	577.5	583.5	545.5	550.2
281	Industrial chemicals . . . . .	301.2	304.4	307.2	289.9	291.3	166.8	171.8	172.9	165.2	166.3
2812	Alkalies and chlorine . . . . .	-	25.2	25.8	23.2	23.4	-	17.6	18.0	16.1	16.2
2818	Industrial organic chemicals, n.e.c. . . . .	-	122.9	124.1	114.3	114.8	-	55.8	56.5	52.9	53.2
2819	Industrial inorganic chemicals, n.e.c. . . . .	-	92.8	92.9	90.8	91.3	-	56.5	56.0	55.7	56.1
282	Plastics materials and synthetics . . . . .	211.6	212.2	215.1	198.6	199.8	140.1	140.2	142.1	132.7	134.8
2821	Plastics materials and resins . . . . .	-	92.8	94.7	85.8	86.6	-	57.8	59.3	54.1	55.0
2823,4	Synthetic fibers . . . . .	-	105.5	106.5	99.4	100.2	-	73.3	73.7	70.2	71.1
283	Drugs . . . . .	127.6	128.6	130.8	120.5	120.8	67.2	67.6	69.2	63.1	63.1
2834	Pharmaceutical preparations . . . . .	-	95.1	96.7	89.1	89.3	-	48.0	49.1	45.1	45.0
284	Soap, cleaners, and toilet goods . . . . .	113.1	111.8	111.2	106.9	107.3	70.5	69.3	68.6	65.8	66.1
2841	Soap and detergents . . . . .	-	38.9	39.6	38.9	39.1	-	27.0	27.4	27.0	27.2
2844	Toilet preparations . . . . .	-	41.0	39.6	38.6	38.7	-	25.3	24.0	23.2	23.3
285	Paints, varnishes, and allied products . . . . .	66.7	67.0	68.9	65.5	66.7	37.1	37.3	39.0	36.6	37.4
287	Agricultural chemicals . . . . .	52.6	50.9	50.7	50.4	50.5	34.3	31.9	31.6	31.8	31.7
2871,2	Fertilizers, complete and mixing only . . . . .	-	36.4	35.6	37.1	36.9	-	24.6	23.8	25.1	24.9
286,9	Other chemical products . . . . .	92.5	92.1	93.0	80.2	80.7	59.4	59.4	60.1	50.3	50.8
29	<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b> . . . . .	183.5	185.8	188.2	182.8	185.0	115.0	116.4	118.2	113.7	115.3
291	Petroleum refining . . . . .	146.8	148.2	149.8	146.2	147.8	88.6	89.3	90.4	87.8	88.8
295,9	Other petroleum and coal products . . . . .	36.7	37.6	38.4	36.6	37.2	26.4	27.1	27.8	25.9	26.5
30	<b>RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</b> . . . . .	529.1	523.6	520.5	485.2	480.2	414.1	409.7	406.1	378.5	375.0
301	Tires and inner tubes . . . . .	108.1	108.8	109.3	104.6	103.6	76.2	77.0	77.4	74.5	74.1
302,3,6	Other rubber products . . . . .	184.7	183.2	180.9	175.2	173.4	146.9	145.8	143.0	139.0	137.5
307	Miscellaneous plastics products . . . . .	236.3	231.6	230.3	205.4	203.2	191.0	186.9	185.7	165.0	163.4
31	<b>LEATHER AND LEATHER PRODUCTS</b> . . . . .	356.2	357.2	364.8	350.8	352.2	311.6	312.9	319.9	307.9	309.5
311	Leather tanning and finishing . . . . .	30.7	31.2	31.9	32.0	32.0	26.7	27.2	27.9	27.8	27.9
314	Footwear, except rubber . . . . .	233.9	236.0	242.0	230.2	231.7	207.0	209.3	214.9	204.7	206.2
312,3,5-7,9	Other leather products . . . . .	91.6	90.0	90.9	88.6	88.5	77.9	76.4	77.1	75.4	75.4
317	Handbags and personal leather goods . . . . .	-	36.8	37.0	36.7	36.5	-	32.3	32.5	31.9	31.7

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,193	4,217	4,154	4,104	4,113	—	—	—	—	—
40	<b>RAILROAD TRANSPORTATION</b> .....	—	720.0	728.3	734.9	739.9	—	—	—	—	—
4011	Class I railroads <sup>2</sup> .....	..	628.4	636.2	640.2	644.4	—	—	—	—	—
	<b>LOCAL AND INTERURBAN PASSENGER</b>										
41	<b>TRANSIT</b> .....	—	261.9	246.3	271.7	270.5	—	—	—	—	—
411	Local and suburban transportation .....	—	81.1	79.6	82.1	82.5	—	76.9	75.2	77.9	78.2
412	Taxicabs .....	—	104.5	104.0	108.5	107.7	—	—	—	—	—
413	Intercity and rural bus lines .....	—	43.9	44.7	42.2	43.6	—	40.3	41.2	38.9	40.3
	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE</b>										
42	<b>STORAGE</b> .....	—	1,046.7	1,030.8	1,004.2	998.8	—	956.8	942.0	916.4	912.7
422	Public warehousing .....	—	83.0	81.5	88.0	81.8	—	73.0	71.6	78.2	71.8
45	<b>AIR TRANSPORTATION</b> .....	—	216.7	201.7	236.6	234.9	—	—	—	—	—
451,2	Air transportation, common carriers .....	—	233.6	174.1	211.4	210.1	—	—	—	—	—
46	<b>PIPELINE TRANSPORTATION</b> .....	—	18.9	19.4	19.1	19.6	—	15.8	16.3	16.0	16.4
44,47	<b>OTHER TRANSPORTATION</b> .....	—	326.0	325.5	322.3	323.7	—	—	—	—	—
	<b>COMMUNICATION</b> .....										
48	<b>Telephone communication</b> .....	—	939.4	949.0	887.9	890.7	—	742.8	754.7	703.2	705.8
481	Telephone communication .....	—	787.1	796.3	740.2	742.9	—	626.9	638.2	590.5	592.8
482	Telegraph communication <sup>3</sup> .....	—	33.1	33.5	31.6	31.6	—	23.0	23.1	22.0	22.1
483	Radio and television broadcasting .....	—	112.9	112.9	109.8	109.9	—	90.8	91.3	88.7	89.0
	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>										
49	<b>Electric companies and systems</b> .....	—	642.2	652.7	626.9	635.1	—	557.2	567.5	544.9	553.5
491	Electric companies and systems .....	—	260.5	264.6	253.3	256.9	—	222.2	226.1	214.7	218.3
492	Gas companies and systems .....	—	158.9	161.7	155.8	157.8	—	137.3	140.2	135.9	138.1
493	Combined utility systems .....	—	180.1	182.8	176.9	179.2	—	160.3	162.9	158.6	161.0
494-7	Water, steam, and sanitary systems .....	—	42.7	43.6	40.9	41.2	—	37.4	38.3	35.7	36.1
—	<b>WHOLESALE AND RETAIL TRADE</b> .....	13,382	13,253	13,224	12,852	12,750	11,934	11,802	11,787	11,469	11,378
50	<b>WHOLESALE TRADE</b> .....	3,517	3,498	3,521	3,388	3,370	2,976	2,960	2,984	2,880	2,864
501	Motor vehicles and automotive equipment .....	—	263.9	266.5	258.0	258.2	—	220.8	223.7	217.1	216.6
502	Drugs, chemicals, and allied products .....	—	209.6	210.6	200.9	199.9	—	173.2	174.1	166.6	165.6
503	Dry goods and apparel .....	—	149.3	150.1	143.7	142.6	—	121.5	122.1	116.2	115.3
504	Groceries and related products .....	—	518.9	517.4	527.1	521.6	—	456.3	454.6	466.7	461.0
506	Electrical goods .....	—	279.0	284.0	260.6	262.0	—	227.2	233.1	215.1	217.2
507	Hardware, plumbing, and heating goods .....	—	158.5	160.1	153.4	153.0	—	134.7	136.4	130.7	130.4
508	Machinery, equipment, and supplies .....	—	629.9	637.8	589.4	589.2	—	534.5	542.9	498.7	499.3
509	Miscellaneous wholesalers .....	—	1,187.3	1,194.5	1,144.6	1,139.6	—	1,004.6	1,011.9	972.5	968.1
52-59	<b>RETAIL TRADE</b> .....	9,865	9,755	9,703	9,464	9,380	8,958	8,842	8,803	8,589	8,514
53	<b>GENERAL MERCHANDISE STORES</b> .....	—	1,946.7	1,892.3	1,911.9	1,844.9	—	1,787.3	1,734.8	1,756.0	1,689.0
531	Department stores .....	—	1,218.6	1,185.6	1,193.0	1,146.2	—	1,116.4	1,084.6	1,095.4	1,048.2
532	Mail order houses .....	—	119.9	116.1	129.5	118.1	—	112.2	108.7	122.2	110.8
533	Limited price variety stores .....	—	322.2	307.6	313.5	306.5	—	301.7	287.1	293.2	286.4
54	<b>FOOD STORES</b> .....	—	1,553.0	1,542.2	1,493.2	1,470.2	—	1,442.7	1,431.4	1,386.3	1,363.0
541-3	Grocery, meat, and vegetable stores .....	—	1,376.7	1,368.4	1,320.6	1,298.6	—	1,278.2	1,269.1	1,224.0	1,201.6
56	<b>APPAREL AND ACCESSORIES STORES</b> .....	—	652.9	632.7	638.0	629.4	—	584.8	567.0	573.9	566.2
561	Men's and boys' apparel stores .....	—	108.3	106.3	103.6	101.8	—	97.5	96.2	93.1	91.7
562	Women's ready-to-wear stores .....	—	236.0	234.0	237.6	232.8	—	213.2	211.7	215.7	210.8
565	Family clothing stores .....	—	101.4	97.9	99.1	97.6	—	93.4	90.6	92.2	90.4
566	Shoe stores .....	—	131.3	123.3	123.0	125.8	—	114.2	106.1	106.8	110.2
57	<b>FURNITURE AND APPLIANCE STORES</b> .....	—	426.6	426.7	419.0	413.3	—	374.3	375.3	369.3	364.7
571	Furniture and home furnishings .....	—	273.1	272.8	269.4	266.1	—	239.4	239.5	237.1	234.8
58	<b>EATING AND DRINKING PLACES</b> .....	—	2,055.3	2,067.8	1,955.4	1,982.4	—	1,917.4	1,932.4	1,819.1	1,850.9
52,55,59	<b>OTHER RETAIL TRADE</b> .....	—	3,120.0	3,141.0	3,046.5	3,039.3	—	2,735.9	2,762.0	2,684.3	2,680.2
52	Building materials and hardware .....	—	548.6	563.0	547.9	551.8	—	471.9	486.7	472.3	475.8
55	Auto dealers and service stations .....	—	1,477.3	1,485.4	1,436.2	1,435.1	—	—	—	—	—
551,2	Motor vehicle dealers .....	—	744.9	747.5	735.5	730.6	—	634.1	638.9	632.8	629.4
553,9	Other vehicle and accessory dealers .....	—	191.3	194.7	180.1	177.0	—	165.4	169.0	156.1	152.6
554	Gasoline service stations .....	—	541.1	543.2	520.6	527.5	—	—	—	—	—
59	Miscellaneous retail stores .....	—	1,094.1	1,092.6	1,062.4	1,052.4	—	—	—	—	—
591	Drug stores .....	—	417.5	415.1	404.3	399.6	—	380.2	377.9	368.4	365.0
596	Fam and garden supply stores .....	—	100.2	100.7	99.9	96.3	—	—	—	—	—
598	Fuel and ice dealers .....	—	104.5	102.9	108.4	103.7	—	90.2	88.9	95.0	90.7

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

# ESTABLISHMENT DATA EMPLOYMENT

Table B-2; Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b>	3,101	3,108	3,146	3,038	3,045	2,475	2,485	2,522	2,437	2,443
60	Banking	-	830.6	839.2	795.5	796.9	-	693.0	701.9	665.7	667.7
61	Credit agencies other than banks	-	333.7	337.5	330.9	329.6	-	265.4	269.5	266.1	264.9
612	Savings and loan associations	-	93.8	95.8	97.6	97.2	-	75.4	77.4	79.8	79.5
614	Personal credit institutions	-	182.0	182.9	174.9	174.1	-	-	-	-	-
62	Security dealers and exchanges	-	141.8	144.0	129.3	128.9	-	124.6	126.5	114.0	113.6
63	Insurance carriers	-	908.3	915.1	892.7	896.3	-	641.0	647.5	632.1	635.8
631	Life insurance	-	480.7	484.0	479.5	481.4	-	280.0	282.6	280.7	282.4
632	Accident and health insurance	-	63.6	64.0	54.7	55.0	-	55.2	55.5	46.7	47.0
633	Fire, marine, and casualty insurance	-	324.9	327.1	316.4	317.5	-	273.2	275.9	269.2	270.4
64	Insurance agents, brokers, and services	-	241.3	244.2	234.7	234.8	-	-	-	-	-
65	Real estate	-	570.4	583.4	574.9	578.5	-	-	-	-	-
656	Operative builders	-	39.7	43.2	48.2	50.2	-	-	-	-	-
66,67	Other finance, insurance, and real estate	-	82.1	82.6	80.1	80.2	-	-	-	-	-
-	<b>SERVICES AND MISCELLANEOUS</b>	9,739	9,706	9,772	9,263	9,235					
70	Hotels and lodging places	-	686.7	789.5	633.1	676.7	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	611.0	650.9	571.0	601.0	-	572.3	610.5	534.8	563.2
72	Personal services	-	1,007.3	1,013.7	992.7	988.4	-	-	-	-	-
721	Laundries, cleaning and dyeing plants	-	551.9	561.1	550.2	548.9	-	499.0	508.2	494.8	492.8
73	Miscellaneous business services	-	1,225.9	1,232.0	1,135.9	1,127.8	-	-	-	-	-
731	Advertising	-	114.6	116.3	112.0	111.9	-	-	-	-	-
732	Credit reporting and collection agencies	-	67.8	68.2	66.9	66.4	-	-	-	-	-
78	Motion pictures	-	190.4	199.8	185.2	192.6	-	-	-	-	-
781	Motion picture filming and distributing	-	52.6	55.9	51.3	50.5	-	33.7	35.9	32.0	31.7
782,3	Motion picture theaters and services	-	137.8	143.9	133.9	142.1	-	-	-	-	-
80	Medical and other health services	-	2,269.5	2,266.3	2,123.9	2,113.3	-	-	-	-	-
806	Hospitals	-	1,464.1	1,463.3	1,385.1	1,377.6	-	-	-	-	-
81	Legal services	-	198.5	201.0	185.2	186.2	-	-	-	-	-
82	Educational services	-	968.1	873.2	995.6	910.3	-	-	-	-	-
821	Elementary and secondary schools	-	327.1	282.3	335.3	317.2	-	-	-	-	-
822	Higher educational institutions	-	572.0	524.1	593.5	530.0	-	-	-	-	-
89	Miscellaneous services	-	489.7	498.4	458.6	462.7	-	-	-	-	-
891	Engineering and architectural services	-	267.9	273.4	247.8	250.1	-	-	-	-	-
892	Nonprofit research organizations	-	68.6	69.9	66.9	67.2	-	-	-	-	-
-	<b>GOVERNMENT</b>	11,082	10,882	10,507	10,359	10,152					
1	<b>FEDERAL GOVERNMENT<sup>5</sup></b>	2,586	2,589	2,641	2,384	2,373					
	Executive	-	2,556.4	2,608.0	2,352.7	2,341.3	-	-	-	-	-
	Department of Defense	-	1,042.8	1,055.4	949.4	943.4	-	-	-	-	-
	Post Office Department	-	682.0	689.4	608.0	602.8	-	-	-	-	-
	Other agencies	-	831.6	863.2	795.3	795.1	-	-	-	-	-
	Legislative	-	26.5	27.1	25.6	25.8	-	-	-	-	-
	Judicial	-	6.1	5.9	5.9	5.9	-	-	-	-	-
92,93	<b>STATE AND LOCAL GOVERNMENT</b>	8,496	8,293	7,866	7,975	7,779					
92	State government	-	2,134.7	2,091.4	2,066.3	2,010.3	-	-	-	-	-
	State education	-	716.9	656.2	739.1	657.4	-	-	-	-	-
	Other State government	-	1,417.8	1,435.2	1,327.2	1,352.9	-	-	-	-	-
	Local government	-	6,158.3	5,774.9	5,908.2	5,768.8	-	-	-	-	-
	Local education	-	3,399.0	2,926.1	3,292.3	3,116.5	-	-	-	-	-
	Other local government	-	2,759.3	2,848.8	2,615.9	2,652.3	-	-	-	-	-

<sup>1</sup>For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; and for all other industries, to nonsupervisory workers.

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

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

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

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

\*Not available.

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

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**Table B-3: Women employees on payrolls of selected nonagricultural industries**

SIC Code	Industry	July 1966		April 1966		July 1965	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<b>TOTAL</b> .....	21,825	34	21,809	35	20,325	33
	<b>MINING</b> .....	34	5	33	6	34	5
10	<b>METAL MINING</b> .....	2.1	2	2.1	2	2.1	2
11,12	<b>COAL MINING</b> .....	2.2	2	2.0	2	2.2	2
13	<b>CRUDE PETROLEUM AND NATURAL GAS</b> .....	24.6	8	24.1	9	24.6	8
131,2	Crude petroleum and natural gas fields .....	17.9	11	17.6	12	18.1	11
138	Oil and gas field services .....	6.7	5	6.5	5	6.5	5
14	<b>QUARRYING AND NONMETALLIC MINING</b> .....	5.4	4	5.0	4	5.1	4
142	Crushed and broken stone .....	1.9	4	1.8	4	2.0	5
144	Sand and gravel .....	1.8	4	1.6	4	1.6	4
	<b>CONTRACT CONSTRUCTION</b> .....	154	4	149	5	147	4
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	43.5	4	42.9	4	42.2	4
16	<b>HEAVY CONSTRUCTION</b> .....	24.4	3	22.3	4	22.6	3
161	Highway and street construction .....	10.4	3	9.0	3	9.4	3
162	Other heavy construction .....	14.0	4	13.3	4	13.2	4
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	86.1	5	84.0	6	82.2	5
171	Plumbing, heating, and air conditioning .....	27.1	7	26.7	7	26.3	7
172	Painting, paperhanging, and decorating .....	7.5	5	7.2	6	7.4	5
173	Electrical work .....	13.0	5	13.0	6	12.4	5
174	Masonry, plastering, stone and tile work .....	8.4	3	8.3	4	8.4	3
176	Roofing and sheet metal work .....	7.0	6	6.9	6	6.8	6
	<b>MANUFACTURING</b> .....	5,110	27	5,043	27	4,685	26
19,24,25,32-39	<b>DURABLE GOODS</b> .....	2,144	19	2,100	19	1,859	18
20-23,26-31	<b>NONDURABLE GOODS</b> .....	2,966	37	2,943	38	2,826	37
	<i>Durable Goods</i>						
19	<b>ORDNANCE AND ACCESSORIES</b> .....	50.2	20	48.2	20	40.0	18
192	Ammunition, except for small arms .....	36.0	19	35.4	19	30.2	13
1925	Guided missiles and spacecraft, complete .....	29.1	18	29.3	18	26.7	17
194	Sighting and fire control equipment .....	3.0	21	2.8	21	2.3	19
191,3,5,6,9	Other ordnance and accessories .....	11.2	21	10.0	21	7.5	18
24	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> ..	50.6	8	49.3	8	44.5	7
241	Logging camps and logging contractors .....	3.3	3	3.4	4	3.1	3
242	Sawmills and planing mills .....	10.6	4	10.3	4	9.5	4
2421	Sawmills and planing mills, general .....	7.9	4	7.8	4	7.6	3
243	Millwork, plywood, and related products .....	15.1	9	14.4	9	12.2	7
2431	Millwork .....	7.1	10	6.7	9	5.6	8
2432	Veneer and plywood .....	6.4	8	6.1	8	5.2	7
244	Wooden containers .....	6.2	17	6.0	17	5.3	15
2441,2	Wooden boxes, shooks, and crates .....	4.9	17	4.7	17	4.2	15
249	Miscellaneous wood products .....	15.4	20	15.2	20	14.4	20
25	<b>FURNITURE AND FIXTURES</b> .....	88.1	20	87.3	20	74.9	18
251	Household furniture .....	68.5	21	67.3	21	56.2	18
2511	Wood house furniture, unupholstered .....	29.7	17	27.8	16	22.0	14
2512	Wood house furniture, upholstered .....	21.7	26	21.4	26	18.2	24
2515	Mattresses and bedsprings .....	10.0	26	10.0	27	9.9	27
252	Office furniture .....	4.5	13	4.1	14	3.7	13
254	Partitions; office and store fixtures .....	4.5	10	4.3	10	3.7	8
253,9	Other furniture and fixtures .....	10.6	23	11.6	25	11.3	24
32-39	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	103.0	16	99.8	16	95.5	15
321	Flat glass .....	1.7	5	1.6	5	1.5	5
322	Glass and glassware, pressed or blown .....	40.1	32	38.4	32	36.7	32
3221	Glass containers .....	23.9	34	22.4	34	22.8	34
3229	Pressed and blown glassware, n.e.c. .....	16.2	29	16.0	29	13.9	28
324	Cement, hydraulic .....	1.4	3	1.3	4	1.3	3
325	Structural clay products .....	8.1	11	7.8	11	7.6	11
3251	Brick and structural clay tile .....	1.1	3	1.0	3	.9	3
326	Pottery and related products .....	13.9	33	14.2	32	13.1	31
327	Concrete, gypsum, and plaster products .....	10.2	5	9.9	5	9.8	5
328,9	Other stone and mineral products .....	21.2	16	20.3	15	19.8	15
3291	Abrasive products .....	6.2	22	5.9	22	5.7	22

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued**

SIC Code	Industry	July 1966		April 1966		July 1965	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Durable Goods--Continued</i>						
33	PRIMARY METAL INDUSTRIES . . . . .	81.8	6	80.4	6	77.3	6
331	Blast furnace and basic steel products . . . . .	26.9	4	25.6	4	26.4	4
3312	Blast furnaces, steel and rolling mills . . . . .	20.5	3	19.3	3	20.5	3
332	Iron and steel foundries . . . . .	11.5	5	11.0	5	10.1	4
3321	Gray iron foundries . . . . .	5.5	4	5.3	4	4.8	4
3322	Malleable iron foundries . . . . .	1.2	5	1.2	4	1.2	5
3323	Steel foundries . . . . .	4.8	7	4.5	7	4.1	6
333,4	Nonferrous smelting and refining . . . . .	3.2	4	3.0	4	2.9	4
335	Nonferrous rolling, drawing, and extruding . . . . .	26.7	13	27.3	13	25.6	13
3351	Copper rolling, drawing, and extruding . . . . .	3.8	8	3.7	8	3.6	8
3352	Aluminum rolling, drawing, and extruding . . . . .	5.4	8	5.3	8	5.0	8
3357	Nonferrous wire drawing and insulating . . . . .	14.5	22	15.4	22	14.5	22
336	Nonferrous foundries . . . . .	9.0	11	9.4	11	8.4	11
3361	Aluminum castings . . . . .	3.4	8	3.6	8	3.4	9
3362,9	Other nonferrous castings . . . . .	5.6	13	5.8	13	5.0	13
339	Miscellaneous primary metal industries . . . . .	4.5	7	4.1	6	3.9	6
3391	Iron and steel forgings . . . . .	2.5	5	2.3	5	2.3	5
34	FABRICATED METAL PRODUCTS . . . . .	224.3	17	226.3	17	206.0	16
341	Metal cans . . . . .	11.5	17	11.3	18	11.3	18
342	Cutlery, hand tools, and general hardware . . . . .	45.6	29	49.6	30	43.9	29
3421,3,5	Cutlery and hand tools, including saws . . . . .	14.3	23	15.1	23	13.0	22
3429	Hardware, n.e.c. . . . .	31.3	34	34.5	35	30.9	34
343	Heating equipment and plumbing fixtures . . . . .	11.2	14	11.2	14	10.8	14
3431,2	Sanitary ware and plumbers' brass goods . . . . .	5.9	17	6.2	17	6.1	16
3433	Heating equipment, except electric . . . . .	5.3	12	5.0	12	4.7	11
344	Fabricated structural metal products . . . . .	35.5	9	33.2	9	31.8	8
3441	Fabricated structural steel . . . . .	5.4	5	5.2	5	4.9	5
3442	Metal doors, sash, frames, and trim . . . . .	11.9	17	10.6	16	10.5	15
3443	Fabricated plate work (boiler shops) . . . . .	6.9	6	6.7	6	6.6	7
3444	Sheet metal work . . . . .	7.8	10	7.3	10	6.5	9
3446,9	Architectural and miscellaneous metal work . . . . .	3.5	8	3.4	8	3.3	8
345	Screw machine products, bolts, etc. . . . .	21.4	20	20.5	19	18.1	19
3451	Screw machine products . . . . .	10.8	22	10.4	21	8.9	20
3452	Bolts, nuts, screws, rivets, and washers . . . . .	10.6	18	10.1	18	9.2	17
346	Metal stampings . . . . .	43.2	20	44.3	19	40.1	19
347	Coating, engraving, and allied services . . . . .	14.4	18	15.0	18	13.4	18
348	Miscellaneous fabricated wire products . . . . .	15.8	23	15.7	24	14.2	23
349	Miscellaneous fabricated metal products . . . . .	25.7	17	25.5	17	22.4	16
3494,8	Valves, pipe, and pipe fittings . . . . .	13.0	15	12.4	14	11.4	14
35	MACHINERY . . . . .	250.4	13	244.4	13	219.7	13
351	Engines and turbines . . . . .	11.8	12	12.1	13	10.8	12
3511	Steam engines and turbines . . . . .	3.4	10	3.4	10	3.5	11
3519	Internal combustion engines, n.e.c. . . . .	8.4	13	8.7	14	7.3	13
352	Farm machinery and equipment . . . . .	12.4	9	12.2	8	11.0	8
353	Construction and related machinery . . . . .	23.5	8	22.3	8	20.9	8
3531,2	Construction and mining machinery . . . . .	11.0	7	10.5	7	9.9	7
3533	Oil field machinery and equipment . . . . .	3.3	8	3.2	8	3.1	8
3535,6	Conveyors, hoists, and industrial cranes . . . . .	4.2	10	3.9	10	3.5	9
354	Metalworking machinery and equipment . . . . .	36.3	11	35.4	11	31.5	10
3541	Machine tools, metal cutting types . . . . .	7.2	9	6.9	9	6.2	8
3544	Special dies, tools, jigs, and fixtures . . . . .	7.6	7	7.6	7	6.7	6
3545	Machine tool accessories . . . . .	11.5	19	11.0	19	9.7	18
3542,8	Miscellaneous metalworking machinery . . . . .	10.0	13	9.9	13	8.9	12
355	Special industry machinery . . . . .	22.1	11	21.5	11	20.7	11
3551	Food products machinery . . . . .	5.0	12	4.7	12	4.5	11
3552	Textile machinery . . . . .	4.8	11	5.0	11	4.8	11
3555	Printing trades machinery . . . . .	3.4	12	3.3	12	3.4	13
356	General industrial machinery . . . . .	43.7	16	42.6	16	38.8	15
3561	Pumps; air and gas compressors . . . . .	9.9	13	9.4	13	8.9	12
3562	Ball and roller bearings . . . . .	14.0	24	13.9	23	12.4	22
3566	Mechanical power transmission goods . . . . .	6.9	13	6.7	13	6.0	12
357	Office, computing, and accounting machines . . . . .	57.0	27	55.8	27	47.5	25
3571	Computing machines and cash registers . . . . .	42.5	26	41.5	26	35.8	24
358	Service industry machines . . . . .	15.9	14	15.9	14	14.7	13
3585	Refrigeration, except home refrigerators . . . . .	8.6	12	8.6	12	7.7	10
359	Miscellaneous machinery . . . . .	27.7	13	26.6	13	23.8	13
36	ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .	758.0	40	739.2	40	629.9	38
361	Electrical distribution equipment . . . . .	60.8	31	58.9	32	51.1	30
3611	Electric measuring instruments . . . . .	28.6	43	28.2	43	23.0	40
3612	Power and distribution transformers . . . . .	12.7	24	11.9	25	10.9	24
3613	Switchgear and switchboard apparatus . . . . .	19.5	26	18.8	26	17.2	25

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued**

SIC Code	Industry	July 1966		April 1966		July 1965	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Durable Goods-- Continued</i>						
	<b>ELECTRICAL EQUIPMENT AND SUPPLIES-- Continued</b>						
362	Electrical industrial apparatus . . . . .	70.2	32	67.1	32	58.7	30
3621	Motors and generators . . . . .	38.1	32	36.8	32	31.6	30
3622	Industrial controls . . . . .	22.5	38	21.2	38	18.3	35
363	Household appliances . . . . .	37.2	21	39.3	22	33.2	20
3632	Household refrigerators and freezers . . . . .	6.3	12	8.1	14	6.3	12
3633	Household laundry equipment . . . . .	3.9	13	3.7	13	3.4	12
3634	Electric housewares and fans . . . . .	18.8	47	19.4	47	16.5	45
364	Electric lighting and wiring equipment . . . . .	80.9	43	79.0	42	69.3	41
3641	Electric lamps . . . . .	23.4	66	23.1	66	20.4	65
3642	Lighting fixtures . . . . .	18.6	31	19.5	31	16.8	30
3643,4	Wiring devices . . . . .	38.9	41	36.4	40	32.1	39
365	Radio and TV receiving sets . . . . .	92.2	56	86.6	57	75.2	56
366	Communication equipment . . . . .	160.8	34	158.0	35	137.2	33
3661	Telephone and telegraph apparatus . . . . .	53.0	43	55.4	44	48.3	43
3662	Radio and TV communication equipment . . . . .	107.8	31	102.6	31	88.9	30
367	Electronic components and accessories . . . . .	226.9	60	220.9	60	178.2	59
3671-3	Electron tubes . . . . .	38.7	52	36.3	49	28.8	47
3674,9	Electronic components, n.e.c. . . . .	188.2	62	184.6	63	149.4	62
369	Miscellaneous electrical equipment and supplies . . . . .	29.0	28	29.4	28	27.0	28
3694	Electrical equipment for engines . . . . .	14.9	26	15.9	27	14.0	26
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	197.0	11	190.3	10	165.6	10
371	Motor vehicles and equipment . . . . .	70.9	9	73.8	8	68.8	8
3711	Motor vehicles . . . . .	23.0	7	23.5	6	22.5	6
3712	Passenger car bodies . . . . .	4.5	8	4.7	7	4.0	6
3713	Truck and bus bodies . . . . .	2.2	6	2.2	6	2.0	6
3714	Motor vehicle parts and accessories . . . . .	40.0	12	42.2	11	39.1	11
372	Aircraft and parts . . . . .	109.6	14	100.6	14	82.1	13
3721	Aircraft . . . . .	63.9	15	57.3	14	45.4	14
3722	Aircraft engines and engine parts . . . . .	27.9	13	26.7	13	23.0	12
3723,9	Other aircraft parts and equipment . . . . .	17.8	14	16.6	14	13.7	13
373	Ship and boat building and repairing . . . . .	6.1	4	5.9	3	5.5	4
3731	Ship building and repairing . . . . .	4.5	3	4.1	3	3.7	3
3732	Boat building and repairing . . . . .	1.6	5	1.8	6	1.8	6
374	Railroad equipment . . . . .	3.4	6	3.4	6	3.3	6
375,9	Other transportation equipment . . . . .	7.0	12	6.6	11	5.9	10
38	<b>INSTRUMENTS AND RELATED PRODUCTS . . . . .</b>	153.3	36	148.2	36	132.4	34
381	Engineering and scientific instruments . . . . .	17.7	24	17.2	24	15.8	23
382	Mechanical measuring and control devices . . . . .	37.2	35	35.6	34	32.5	33
3821	Mechanical measuring devices . . . . .	19.9	30	18.9	29	17.2	28
3822	Automatic temperature controls . . . . .	17.3	43	16.7	43	15.3	41
383,5	Optical and ophthalmic goods . . . . .	18.6	39	19.0	39	16.3	36
385	Ophthalmic goods . . . . .	14.2	44	14.8	44	12.5	41
384	Surgical, medical, and dental equipment . . . . .	31.5	48	30.7	49	27.3	48
386	Photographic equipment and supplies . . . . .	26.5	26	24.7	26	22.3	26
387	Watches and clocks . . . . .	21.8	59	21.0	60	18.2	58
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES . . . . .</b>	187.4	43	186.7	43	172.9	42
391	Jewelry, silverware, and plated ware . . . . .	16.7	37	18.8	39	15.8	37
394	Toys, amusement, and sporting goods . . . . .	63.6	52	60.0	52	60.8	52
3941-3	Toys, games, dolls, and play vehicles . . . . .	43.1	58	38.8	57	42.8	57
3949	Sporting and athletic goods, n.e.c. . . . .	20.5	44	21.2	45	18.0	41
395	Pens, pencils, office and art materials . . . . .	19.0	53	18.4	52	16.5	50
396	Costume jewelry, buttons, and notions . . . . .	30.3	55	31.5	55	28.9	54
393,8,9	Other manufacturing industries . . . . .	57.8	33	58.0	33	50.9	31
393	Musical instruments and parts . . . . .	7.6	28	7.4	28	6.1	25
	<i>Nondurable Goods</i>						
20	<b>FOOD AND KINDRED PRODUCTS . . . . .</b>	435.7	24	396.9	24	425.6	24
201	Meat products . . . . .	87.6	27	79.5	26	82.8	26
2011	Meat packing . . . . .	27.8	14	26.1	14	28.0	14
2013	Sausages and other prepared meats . . . . .	16.2	30	15.1	30	15.8	30
2015	Poultry dressing and packing . . . . .	43.6	54	38.3	55	39.0	53
202	Dairy products . . . . .	44.2	15	41.6	15	44.5	15
2024	Ice cream and frozen desserts . . . . .	7.3	21	6.4	22	7.4	22
2026	Fluid milk . . . . .	26.9	13	25.9	13	27.0	13
203	Canned and preserved food, except meats . . . . .	128.2	42	99.1	43	119.5	42
2031,6	Canned, cured, and frozen sea foods . . . . .	28.5	59	23.2	61	28.2	59
2032,3	Canned food, except sea foods . . . . .	60.4	36	36.7	34	55.8	36
2037	Frozen food, except sea foods . . . . .	23.7	46	26.9	50	21.8	44



**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued**

SIC Code	Industry	July 1966		April 1966		July 1965	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Nondurable Goods--Continued</i>							
<b>FOOD AND KINDRED PRODUCTS-- Continued</b>							
204	Grain mill products . . . . .	18.2	14	17.3	14	17.6	14
2041	Flour and other grain mill products . . . . .	2.8	9	2.7	10	2.7	9
2042	Prepared feeds for animals and fowls . . . . .	6.9	12	6.7	13	6.6	11
205	Bakery products . . . . .	60.9	22	62.9	23	63.8	22
2051	Bread, cake, and perishable products . . . . .	43.6	18	42.9	18	43.0	17
2052	Biscuit, crackers, and pretzels . . . . .	17.3	49	20.0	48	20.8	48
206	Sugar . . . . .	2.6	9	2.6	8	2.5	8
207	Confectionery and related products . . . . .	32.9	47	33.5	48	33.2	48
2071	Candy and other confectionery products . . . . .	27.9	50	28.8	51	28.2	51
208	Beverages . . . . .	25.8	11	25.5	12	25.2	11
2082	Malt liquors . . . . .	3.7	6	3.6	6	3.7	6
2086	Bottled and canned soft drinks . . . . .	11.6	9	11.0	9	11.1	9
209	Miscellaneous food and kindred products . . . . .	35.3	25	34.9	25	36.5	26
21	<b>TOBACCO MANUFACTURES . . . . .</b>	32.8	44	34.7	46	35.0	46
211	Cigarettes . . . . .	14.7	37	14.4	37	14.4	37
212	Cigars . . . . .	14.9	71	16.0	71	16.9	73
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	420.7	44	422.1	45	400.6	44
221	Cotton broad woven fabrics . . . . .	92.3	39	91.0	39	87.5	38
222	Silk and synthetic broad woven fabrics . . . . .	33.4	35	32.8	35	30.4	33
223	Weaving and finishing broad woolsens . . . . .	15.6	34	15.7	35	15.4	35
224	Narrow fabrics and smallwares . . . . .	17.4	57	17.7	57	15.6	55
225	Knitting . . . . .	160.0	68	161.8	69	156.2	68
2251	Women's full and knee length hosiery . . . . .	41.0	76	41.3	76	38.2	74
2252	All other hosiery . . . . .	31.2	72	30.1	72	31.5	72
2253	Knit outerwear . . . . .	53.0	72	54.6	73	51.6	72
2254	Knit underwear . . . . .	22.9	69	24.5	70	23.9	71
226	Finishing textiles, except wool and knit . . . . .	18.3	24	18.0	24	17.4	23
227	Floor covering . . . . .	12.4	31	13.0	31	11.8	30
228	Yarn and thread . . . . .	51.2	45	51.5	45	47.3	44
229	Miscellaneous textile goods . . . . .	20.1	28	20.6	28	19.0	27
23	<b>APPAREL AND RELATED PRODUCTS . . . . .</b>	1,075.1	79	1,106.2	80	1,037.1	79
231	Men's and boy's suits and coats . . . . .	81.9	71	84.9	71	78.7	71
232	Men's and boys' furnishings . . . . .	304.0	84	309.1	85	294.5	85
2321	Men's and boys' shirts and nightwear . . . . .	115.1	88	115.2	88	113.4	89
2327	Men's and boys' separate trousers . . . . .	62.8	82	62.3	81	59.7	81
2328	Work clothing . . . . .	65.6	84	67.5	84	62.8	84
233	Women's, misses', and juniors' outerwear . . . . .	339.3	82	353.2	84	331.1	82
2331	Women's blouses, waists, and shirts . . . . .	44.0	88	47.2	89	45.2	89
2335	Women's, misses', and juniors' dresses . . . . .	162.5	85	165.9	86	161.1	85
2337	Women's suits, skirts, and coats . . . . .	70.3	72	51.2	73	67.8	71
2339	Women's and misses' outerwear, n.e.c. . . . .	62.5	85	68.9	86	57.0	84
234	Women's and children's undergarments . . . . .	104.0	86	108.5	87	99.0	86
2341	Women's and children's underwear . . . . .	70.0	88	72.0	89	67.3	88
2342	Corsets and allied garments . . . . .	34.0	83	36.5	84	31.7	81
235	Hats, caps, and millinery . . . . .	18.2	67	17.8	68	18.4	64
236	Girls' and children's outerwear . . . . .	69.4	85	67.1	86	66.8	85
2361	Children's dresses, blouses, and shirts . . . . .	32.1	87	31.3	89	31.9	90
237,8	Fur goods and miscellaneous apparel . . . . .	55.9	73	57.6	74	52.8	72
239	Miscellaneous fabricated textile products . . . . .	102.4	65	108.0	64	95.8	63
2391,2	Housefurnishings . . . . .	41.4	72	43.3	73	38.9	71
26	<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	141.0	21	139.9	21	131.9	21
261,2,6	Paper and pulp . . . . .	24.6	11	24.0	11	24.3	11
263	Paperboard . . . . .	6.0	9	5.9	9	5.9	9
264	Converted paper and paperboard products . . . . .	60.4	35	59.9	36	54.9	34
2643	Bags, except textile bags . . . . .	14.1	36	14.6	37	12.6	35
265	Paperboard containers and boxes . . . . .	50.0	24	50.1	24	46.8	24
2651,2	Folding and setup paperboard boxes . . . . .	22.4	33	22.2	33	20.2	32
2653	Corrugated and solid fiber boxes . . . . .	13.4	14	13.4	14	12.6	14
27	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES . . . . .</b>	311.5	30	301.8	30	285.7	29
271	Newspaper publishing and printing . . . . .	81.9	23	80.1	23	76.6	22
272	Periodical publishing and printing . . . . .	35.0	48	34.5	48	32.8	47
273	Books . . . . .	39.8	44	38.8	45	34.3	42
275	Commercial printing . . . . .	82.9	25	81.5	25	77.0	25
2751	Commercial printing, except lithographic . . . . .	51.2	25	50.4	25	48.2	24
2752	Commercial printing, lithographic . . . . .	27.4	26	26.8	26	25.0	25

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued**

SIC Code	Industry	July 1966		April 1966		July 1965	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES--Cont'd</b>						
278	Bookbinding and related industries . . . . .	27.5	49	25.6	48	24.6	47
274,6,7,9	Other publishing and printing industries . . . . .	44.4	34	41.3	32	40.4	33
28	<b>CHEMICALS AND ALLIED PRODUCTS . . . . .</b>	186.9	19	179.8	19	174.6	19
281	Industrial chemicals . . . . .	31.4	10	30.1	10	29.3	10
2812	Alkalies and chlorines . . . . .	2.1	8	2.0	8	1.9	8
2818	Industrial organic chemicals, n.e.c. . . . .	15.7	13	14.9	13	14.2	12
2819	Industrial inorganic chemicals, n.e.c. . . . .	8.3	9	8.1	9	8.2	9
282	Plastics materials and synthetics . . . . .	34.4	16	33.5	16	32.5	16
2821	Plastics materials and resins . . . . .	8.7	9	8.4	9	8.0	9
2823,4	Synthetic fibers . . . . .	24.6	23	24.0	23	23.5	24
283	Drugs . . . . .	50.6	39	48.2	39	46.4	38
2834	Pharmaceutical preparations . . . . .	40.5	42	38.7	42	37.1	41
284	Soap, cleaners, and toilet goods . . . . .	39.1	36	37.8	37	38.1	36
2841	Soap and detergents . . . . .	8.3	22	7.6	22	8.1	21
2844	Toilet preparations . . . . .	21.5	55	21.1	56	21.0	55
285	Paints, varnishes, and allied products . . . . .	10.3	15	10.2	15	10.5	15
287	Agricultural chemicals . . . . .	4.9	10	5.1	8	4.7	9
2871,2	Fertilizers, complete and mixing only . . . . .	2.8	8	3.0	6	2.7	8
286,9	Other chemical products . . . . .	16.2	18	14.9	17	13.1	16
29	<b>PETROLEUM REFINING AND RELATED INDUSTRIES . . . . .</b>	17.0	9	16.1	9	16.2	9
291	Petroleum refining . . . . .	13.1	9	12.4	9	12.5	8
295,9	Other petroleum and coal products . . . . .	3.9	10	3.7	11	3.7	10
30	<b>RUBBER AND MISCELLANEOUS PLASTICS . . . . .</b>	153.9	30	152.5	30	135.3	29
301	Tires and inner tubes . . . . .	12.9	12	12.6	13	12.2	12
302,3,6	Other rubber products . . . . .	60.3	34	60.7	34	57.1	34
307	Miscellaneous plastics . . . . .	80.7	36	79.2	36	66.0	34
31	<b>LEATHER AND LEATHER PRODUCTS . . . . .</b>	191.8	55	193.0	54	184.2	53
311	Leather tanning and finishing . . . . .	3.8	12	3.8	12	3.7	12
314	Footwear, except rubber . . . . .	140.9	60	140.4	60	135.0	58
312,3,5-7,9	Other leather products . . . . .	47.1	56	48.8	56	45.5	54
317	Handbags and personal leather goods . . . . .	22.1	66	23.7	68	22.0	66
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	787	19	768	19	761	19
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT . . . . .</b>	16.9	7	21.3	8	17.7	7
411	Local and suburban transportation . . . . .	4.2	5	4.1	5	4.1	5
412	Taxicabs . . . . .	4.6	4	4.6	4	4.5	4
413	Intercity and rural bus lines . . . . .	4.8	11	4.4	11	4.9	11
42	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE . . . . .</b>	82.7	8	79.8	8	78.0	8
422	Public warehousing . . . . .	10.1	13	9.9	13	9.3	12
45	<b>AIR TRANSPORTATION . . . . .</b>	48.2	22	58.6	23	53.9	23
451,2	Air transportation, common carriers . . . . .	46.1	25	56.6	25	52.0	25
46	<b>PIPELINE TRANSPORTATION . . . . .</b>	1.6	8	1.5	8	1.6	8
48	<b>COMMUNICATION . . . . .</b>	474.2	50	448.7	49	450.0	50
481	Telephone communication . . . . .	441.0	56	416.7	55	418.5	56
483	Radio and television broadcasting . . . . .	24.7	22	23.8	22	23.7	22
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES . . . . .</b>	97.2	15	93.8	15	95.5	15
491	Electric companies and systems . . . . .	39.6	15	38.4	15	39.1	15
492	Gas companies and systems . . . . .	26.1	16	25.3	16	25.2	16
493	Combined utility systems . . . . .	25.4	14	24.3	14	25.1	14
494-7	Water, steam, and sanitary systems . . . . .	6.1	14	5.8	14	6.1	15
-	<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	5,015	38	4,976	38	4,790	38
50	<b>WHOLESALE TRADE . . . . .</b>	776	22	749	22	732	22
501	Motor vehicles and automotive equipment . . . . .	48.1	18	46.8	18	45.3	18
502	Drugs, chemicals, and allied products . . . . .	65.4	31	63.7	31	61.4	31
503	Dry goods and apparel . . . . .	64.3	43	63.4	44	59.9	42
504	Groceries and related products . . . . .	115.4	22	104.8	21	119.8	23
506	Electrical goods . . . . .	64.6	23	62.1	23	58.1	22
507	Hardware, plumbing, and heating goods . . . . .	34.0	21	32.9	21	31.9	21
508	Machinery, equipment, and supplies . . . . .	116.9	18	111.2	18	105.0	18
509	Miscellaneous wholesalers . . . . .	250.5	21	245.2	21	230.7	20

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued**

SIC Code	Industry	July 1966		April 1966		July 1965	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
52-59	<b>RETAIL TRADE</b> . . . . .	4,239	44	4,227	44	4,058	44
53	<b>GENERAL MERCHANDISE STORES</b> . . . . .	1,286.1	68	1,299.8	69	1,229.0	69
531	Department stores . . . . .	806.1	68	808.7	68	765.3	69
532	Mail order houses . . . . .	69.3	61	71.2	62	69.4	64
533	Limited price variety stores . . . . .	245.1	81	256.2	81	237.0	81
54	<b>FOOD STORES</b> . . . . .	514.1	33	509.4	33	478.3	33
541-3	Grocery, meat, and vegetables stores . . . . .	418.8	30	411.4	30	385.8	30
56	<b>APPAREL AND ACCESSORIES STORES</b> . . . . .	410.7	65	429.0	65	389.2	65
561	Men's and boys' apparel stores . . . . .	40.6	38	39.5	37	36.3	36
562	Women's ready-to-wear stores . . . . .	204.9	89	210.7	89	197.7	89
565	Family clothing stores . . . . .	69.2	69	69.0	70	65.7	69
566	Shoe stores . . . . .	42.9	35	51.5	36	40.5	34
57	<b>FURNITURE AND APPLIANCE STORES</b> . . . . .	121.5	28	120.9	29	115.3	28
571	Furniture and home furnishings . . . . .	80.0	29	80.0	30	76.7	29
58	<b>EATING AND DRINKING PLACES</b> . . . . .	1,186.0	57	1,148.3	57	1,169.8	58
52,55,59	<b>OTHER RETAIL TRADE</b> . . . . .	721.0	23	719.3	23	676.6	22
52	Building materials and hardware . . . . .	85.0	15	84.0	15	83.3	15
55	Auto dealers and service stations . . . . .	159.0	11	153.6	11	146.6	10
551,2	Motor vehicle dealers . . . . .	76.9	10	75.4	10	72.0	10
553,9	Other vehicle and accessory dealers . . . . .	25.3	13	23.7	13	22.0	12
59	Miscellaneous retail stores . . . . .	477.0	44	481.7	43	446.7	43
591	Drug stores . . . . .	243.9	59	240.4	58	230.1	58
596	Farm and garden supply stores . . . . .	15.7	16	24.3	21	14.0	14
598	Fuel and ice dealers . . . . .	16.9	16	18.2	17	16.4	16
-	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> . . . . .	1,578	50	1,530	50	1,520	49
60	Banking . . . . .	512.0	61	491.8	61	483.2	60
61	Credit agencies other than banks . . . . .	182.1	54	178.5	54	178.0	54
612	Savings and loan associations . . . . .	61.6	64	61.5	63	62.6	63
614	Personal credit institutions . . . . .	87.3	48	84.3	48	82.6	48
62	Security dealers and exchanges . . . . .	46.9	32	44.6	32	41.2	31
63	Insurance carriers . . . . .	452.2	50	437.6	49	440.0	49
631	Life insurance . . . . .	204.8	42	199.9	42	202.6	42
632	Accident and health insurance . . . . .	44.4	71	39.7	69	37.8	68
633	Fire, marine, and casualty insurance . . . . .	180.6	56	175.6	55	177.0	55
64	Insurance agents, brokers, and services . . . . .	137.8	57	134.5	56	132.2	56
65	Real estate . . . . .	206.1	35	203.1	36	205.4	35
656	Operative builders . . . . .	5.7	13	6.1	13	6.5	13
66,67	Other finance, insurance, and real estate . . . . .	40.8	49	40.3	50	40.2	50
	<b>SERVICE AND MISCELLANEOUS</b> . . . . .	5,003	51	4,898	52	4,668	50
	Hotels and lodging places:						
701	Hotels, tourist courts, and motels . . . . .	325.1	50	282.6	49	308.6	49
72	Personal services . . . . .	609.5	60	609.7	61	593.7	60
721	Laundries, cleaning and dyeing plants . . . . .	373.8	66	363.9	66	369.2	66
73	Miscellaneous business services . . . . .	420.9	34	397.5	34	376.6	34
731	Advertising . . . . .	44.7	39	42.9	38	42.8	38
732	Credit reporting and collecting agencies . . . . .	49.2	72	48.2	72	46.9	71
78	Motion pictures . . . . .	64.0	32	57.5	32	63.0	32
781	Motion picture filming and distributing . . . . .	14.2	24	12.3	26	12.7	25
782,3	Motion picture theaters and services . . . . .	49.8	35	45.2	34	50.3	34
80	Medical and other health services . . . . .	1,772.6	78	1,722.1	79	1,641.5	78
806	Hospitals . . . . .	1,176.8	81	1,147.5	81	1,111.4	81
81	Legal services . . . . .	123.8	61	118.9	63	115.8	61
82	Educational services . . . . .	373.1	42	464.0	45	341.7	41
821	Elementary and secondary schools . . . . .	148.0	52	200.0	58	135.8	50
822	Higher educational institutions . . . . .	194.6	36	232.4	38	178.7	36
89	Miscellaneous services . . . . .	101.6	20	102.0	21	93.6	20
891	Engineering and architectural services . . . . .	36.4	13	35.6	14	32.2	13
892	Nonprofit research organizations . . . . .	18.8	27	18.5	27	18.6	27
	<b>GOVERNMENT</b> . . . . .	4,144	39	4,412	41	3,720	38
91	<b>FEDERAL GOVERNMENT</b> . . . . .	631	24	595	24	544	23
92,93	<b>STATE AND LOCAL GOVERNMENT</b> . . . . .	3,513	44	3,817	46	3,176	43
92	State government . . . . .	811.1	38	836.4	39	736.6	38
	State education . . . . .	259.9	38	311.0	39	231.4	39
	Other State government . . . . .	551.2	38	525.4	39	505.2	37
	Local government . . . . .	2,702.0	47	2,980.7	48	2,439.0	45
	Local education . . . . .	1,892.7	64	2,223.3	63	1,704.4	63
	Other local government . . . . .	809.3	28	757.4	28	734.6	27

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

**Table 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	72.6
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	98.8	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	98.8	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	99.7	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.....	115.7	82.1	110.2	108.6	98.9	116.1	114.5	116.7	119.3	132.0	128.6	107.4	136.9
1965: October..	117.0	81.4	110.4	109.9	99.9	117.3	115.8	117.8	120.2	133.8	130.4	107.8	139.4
1965: November..	117.8	81.9	112.0	110.8	100.1	117.9	116.3	118.5	120.4	134.6	131.5	108.4	140.6
1965: December..	118.5	82.2	115.5	111.4	100.2	118.5	116.6	119.2	120.5	135.3	132.3	108.3	141.7
1966: January..	118.9	82.5	114.9	111.9	100.4	119.1	117.1	119.9	120.6	135.8	133.0	109.4	142.3
1966: February....	119.6	82.3	115.1	112.8	100.7	119.4	117.5	120.1	120.6	136.5	134.1	110.7	143.3
1966: March.....	120.4	82.7	118.4	113.5	100.8	119.8	118.2	120.4	121.1	137.2	135.5	111.9	144.8
1966: April.....	120.6	77.3	115.4	114.0	100.9	120.2	118.6	120.8	121.3	137.5	136.4	113.0	145.7
1966: May.....	120.9	81.6	112.2	114.5	101.4	120.5	119.0	121.1	121.6	138.0	137.2	114.0	146.3
1966: June.....	121.8	82.1	114.3	115.5	101.6	121.0	119.8	121.5	122.1	138.5	138.7	116.1	147.6
1966: July.....	122.0	82.6	114.2	115.2	101.1	121.4	120.3	121.8	122.3	139.4	139.3	117.5	147.9
1966: August....	122.2	82.6	112.6	116.1	100.7	121.5	120.3	121.9	122.5	139.9	139.4	117.9	147.8
1966: September..	122.2	81.7	111.8	115.7	102.2	121.5	120.0	122.0	122.5	139.9	139.2	117.2	147.8
1966: October..	122.5	81.3	110.8	116.1	102.1	122.1	120.2	122.8	122.7	140.7	139.6	116.9	148.5

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**

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

(In thousands)

Industry division and group	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965
<b>TOTAL</b> .....	64,351	64,159	64,199	64,072	63,983	63,517	63,350	63,247	62,811	62,469	62,241	61,864	61,437
<b>MINING</b> ...	626	629	636	636	632	628	595	637	634	635	633	631	627
<b>CONTRACT CONSTRUCTION</b> ...	3,199	3,229	3,251	3,297	3,300	3,238	3,333	3,419	3,323	3,318	3,334	3,234	3,186
<b>MANUFACTURING</b> ...	19,274	19,199	19,262	19,128	19,167	19,002	18,923	18,840	18,722	18,566	18,492	18,392	18,242
<b>DURABLE GOODS</b> ...	11,357	11,317	11,324	11,210	11,220	11,122	11,065	11,007	10,911	10,805	10,725	10,641	10,550
Ordnance and accessories .....	266	262	260	257	257	253	249	245	243	238	232	234	232
Lumber and wood products .....	606	609	621	622	628	623	633	642	633	638	626	618	611
Furniture and fixtures .....	458	459	462	456	458	456	451	451	448	446	442	437	433
Stone, clay, and glass products ..	634	634	637	643	641	643	647	649	646	648	642	635	632
Primary metal industries .....	1,350	1,340	1,351	1,338	1,333	1,315	1,307	1,300	1,295	1,290	1,284	1,280	1,292
Fabricated metal products .....	1,358	1,355	1,360	1,346	1,348	1,341	1,345	1,344	1,332	1,322	1,310	1,304	1,287
Machinery .....	1,912	1,904	1,901	1,888	1,865	1,846	1,827	1,818	1,810	1,797	1,786	1,779	1,758
Electrical equipment .....	1,947	1,939	1,948	1,903	1,904	1,877	1,860	1,824	1,805	1,773	1,751	1,727	1,708
Transportation equipment .....	1,948	1,944	1,910	1,888	1,915	1,901	1,887	1,881	1,853	1,819	1,807	1,795	1,772
Instruments and related products ..	438	432	431	430	428	424	418	415	412	406	401	397	395
Miscellaneous manufacturing .....	440	439	443	439	443	443	441	438	434	428	444	435	430
<b>NONDURABLE GOODS</b> .....	7,917	7,882	7,938	7,918	7,947	7,880	7,858	7,833	7,811	7,761	7,767	7,751	7,692
Food and kindred products .....	1,744	1,738	1,765	1,763	1,760	1,748	1,757	1,767	1,762	1,758	1,758	1,776	1,751
Tobacco manufactures .....	76	79	80	85	86	85	86	86	85	85	86	85	84
Textile mill products .....	949	951	957	955	957	952	950	948	945	942	939	935	929
Apparel and related products .....	1,403	1,389	1,395	1,388	1,424	1,412	1,396	1,386	1,384	1,356	1,381	1,370	1,365
Paper and allied products .....	676	671	677	679	674	665	664	662	661	657	654	650	646
Printing and publishing .....	1,038	1,034	1,035	1,031	1,026	1,018	1,017	1,009	1,007	1,003	997	995	989
Chemicals and allied products .....	969	964	968	963	961	945	937	936	932	927	924	919	916
Petroleum and related products ..	183	183	184	186	183	183	182	181	181	182	182	182	182
Rubber and plastic products .....	523	518	520	518	515	508	506	500	496	494	492	486	479
Leather and leather products .....	356	355	357	350	361	364	363	358	358	357	354	353	351
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,160	4,167	4,105	4,122	4,143	4,132	4,114	4,109	4,105	4,091	4,083	4,080	4,071
<b>WHOLESALE AND RETAIL TRADE</b> .....	13,337	13,268	13,264	13,256	13,217	13,164	13,128	13,085	13,045	13,009	12,941	12,880	12,809
<b>WHOLESALE TRADE</b> .....	3,482	3,474	3,483	3,483	3,470	3,445	3,434	3,422	3,404	3,391	3,378	3,367	3,354
<b>RETAIL TRADE</b> .....	9,855	9,794	9,781	9,773	9,747	9,719	9,694	9,663	9,641	9,618	9,563	9,513	9,455
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,104	3,099	3,100	3,095	3,090	3,076	3,068	3,064	3,051	3,052	3,049	3,045	3,041
<b>SERVICE AND MISCELLANEOUS</b> ..	9,700	9,648	9,647	9,609	9,549	9,515	9,484	9,463	9,410	9,363	9,329	9,282	9,226
<b>GOVERNMENT</b> ...	10,951	10,920	10,934	10,929	10,885	10,762	10,705	10,630	10,521	10,435	10,380	10,320	10,235
<b>FEDERAL</b> .....	2,589	2,594	2,610	2,601	2,571	2,523	2,501	2,477	2,451	2,423	2,397	2,400	2,386
<b>STATE AND LOCAL</b> .....	8,362	8,326	8,324	8,328	8,314	8,239	8,204	8,153	8,070	8,012	7,983	7,920	7,849

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

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

**Table B-6: Production workers on manufacturing payrolls, by industry, seasonally adjusted**

(In thousands)

Major industry group	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965
<b>MANUFACTURING . . . . .</b>	14,330	14,266	14,330	14,201	14,281	14,154	14,100	14,048	13,967	13,833	13,779	13,706	13,567
<b>DURABLE . . . . .</b>	8,427	8,392	8,395	8,293	8,323	8,261	8,226	8,190	8,123	8,033	7,973	7,905	7,825
Ordnance and accessories . . . . .	129	126	124	122	120	118	114	112	110	106	100	101	100
Lumber and wood products, except furniture . . . . .	528	531	542	543	550	546	554	563	556	557	549	542	535
Furniture and fixtures . . . . .	379	380	382	378	381	379	374	375	372	370	367	362	359
Stone, clay, and glass products . . . . .	508	507	512	515	515	516	521	525	520	525	516	509	507
Primary metal industries . . . . .	1,103	1,091	1,100	1,090	1,086	1,070	1,066	1,058	1,055	1,051	1,044	1,043	1,052
Fabricated metal products . . . . .	1,057	1,054	1,060	1,043	1,048	1,046	1,049	1,047	1,039	1,029	1,020	1,015	997
Machinery . . . . .	1,348	1,340	1,338	1,331	1,312	1,299	1,284	1,278	1,274	1,262	1,256	1,250	1,234
Electrical equipment and supplies . . . . .	1,353	1,350	1,353	1,320	1,327	1,308	1,297	1,268	1,260	1,233	1,216	1,195	1,177
Transportation equipment . . . . .	1,392	1,388	1,353	1,324	1,358	1,351	1,344	1,344	1,323	1,296	1,290	1,284	1,267
Instruments and related products . . . . .	281	277	278	277	276	273	270	269	266	261	258	255	253
Miscellaneous manufacturing industries . . . . .	349	348	353	350	355	355	353	351	348	343	357	349	344
<b>NONDURABLE GOODS . . . . .</b>	5,903	5,874	5,935	5,908	5,953	5,893	5,874	5,858	5,844	5,800	5,806	5,801	5,742
Food and kindred products . . . . .	1,149	1,145	1,170	1,165	1,166	1,154	1,163	1,174	1,169	1,163	1,163	1,182	1,155
Tobacco manufactures . . . . .	65	67	68	73	74	73	74	74	73	73	73	72	72
Textile mill products . . . . .	846	847	856	850	854	850	847	846	843	842	838	835	830
Apparel and related products . . . . .	1,247	1,233	1,239	1,232	1,268	1,257	1,239	1,230	1,231	1,204	1,229	1,220	1,214
Paper and allied products . . . . .	527	521	528	530	525	519	518	515	514	512	509	506	502
Printing, publishing, and allied industries . . . . .	657	656	659	656	654	648	647	642	641	639	633	633	628
Chemicals and allied products . . . . .	578	576	582	577	578	564	559	560	558	555	553	551	547
Petroleum refining and related industries . . . . .	114	114	115	115	115	113	113	112	113	113	113	113	113
Rubber and miscellaneous plastic products . . . . .	408	404	406	403	403	396	395	390	387	386	384	379	373
Leather and leather products . . . . .	312	311	312	307	316	319	319	315	315	313	311	310	308

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

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
1	ALABAMA	923.8	924.7	897.9	8.6	8.6	8.4	60.0	60.8	56.3	289.3	291.8	281.3
2	Birmingham	220.5	221.1	215.0	4.1	4.0	3.7	13.4	13.6	13.5	66.3	66.4	65.0
3	Huntsville	80.1	81.5	77.9	(1)	(1)	(1)	4.1	3.9	4.4	13.5	14.0	13.8
4	Mobile	101.5	101.8	105.0	(1)	(1)	(1)	5.5	5.6	6.1	20.8	21.7	22.5
5	Montgomery	64.4	65.5	62.3	(1)	(1)	(1)	5.6	6.1	5.4	9.4	9.5	9.3
6	Tuscaloosa	32.2	31.4	30.9	(1)	(1)	(1)	1.9	1.9	2.0	8.8	8.8	8.6
7	ALASKA <sup>2</sup>	79.3	84.1	76.8	1.3	1.3	1.3	9.2	9.7	8.7	6.7	10.2	6.5
8	ARIZONA <sup>2</sup>	430.4	427.0	402.6	16.8	16.9	15.7	24.4	24.4	24.1	79.0	78.3	66.7
9	Phoenix <sup>2</sup>	253.1	249.3	232.0	.2	.2	.2	13.7	13.6	13.4	61.7	61.2	51.7
10	Tucson <sup>2</sup>	81.0	78.8	75.6	4.1	4.0	3.5	5.9	6.0	5.4	8.1	7.9	6.3
11	ARKANSAS	487.1	489.3	466.5	4.5	4.7	4.8	32.2	32.7	31.5	146.8	147.5	136.8
12	Fayetteville	23.3	22.6	20.9	(1)	(1)	(1)	1.6	1.5	1.1	8.1	8.1	7.0
13	Fort Smith	37.5	37.4	38.2	.4	.4	.4	1.9	1.8	2.1	12.9	12.9	13.0
14	Little Rock-North Little Rock	103.2	103.9	100.6	(1)	(1)	(1)	8.5	9.8	9.2	20.3	20.0	19.5
15	Pine Bluff	22.7	22.5	21.9	(1)	(1)	(1)	1.7	1.7	1.4	5.5	5.6	5.6
16	CALIFORNIA	6,182.8	6,122.0	5,920.2	33.2	33.5	32.5	319.2	322.2	340.9	1,553.3	1,540.6	1,470.9
17	Anaheim-Santa Ana-Garden Grove <sup>2</sup>	328.9	327.4	297.5	2.0	2.0	1.8	21.9	22.4	21.3	109.4	107.4	98.2
18	Bakersfield	85.0	86.0	82.8	7.8	7.9	7.8	3.9	3.9	4.1	8.9	9.0	8.6
19	Fresno	109.5	108.1	105.1	1.0	1.0	1.1	5.9	5.9	5.9	18.8	18.2	17.5
20	Los Angeles-Long Beach	2,612.0	2,590.9	2,500.3	9.9	10.0	10.3	113.1	113.9	121.1	820.6	811.5	767.8
21	Oxnard-Ventura <sup>2</sup>	75.4	74.0	71.4	2.3	2.4	2.3	3.6	3.8	4.5	12.3	11.2	12.4
22	Sacramento	248.0	244.8	236.6	.4	.4	.3	14.1	14.1	16.8	31.6	31.8	33.6
23	San Bernardino-Riverside-Ontario <sup>2</sup>	254.2	250.5	243.3	2.2	2.2	2.0	14.3	14.5	16.7	47.6	47.0	42.8
24	San Diego <sup>2</sup>	294.4	293.7	273.6	.4	.4	.4	14.6	15.2	15.7	57.4	57.3	50.6
25	San Francisco-Oakland	1,143.9	1,127.1	1,109.3	1.9	1.9	1.9	64.5	64.3	69.2	212.4	212.0	209.4
26	San Jose	311.6	310.0	284.0	.2	.2	.2	16.4	16.9	17.8	111.1	111.5	98.4
27	Santa Barbara <sup>2</sup>	71.0	70.5	66.5	1.3	1.3	1.0	4.3	4.5	4.7	10.2	10.0	10.2
28	Santa Rosa	43.1	42.9	42.1	.2	.2	.2	2.7	2.8	3.2	7.2	7.9	6.7
29	Stockton	86.0	84.2	79.8	.1	.1	.1	3.9	3.9	4.0	19.5	19.6	18.8
30	Vallejo-Napa	61.5	61.0	57.5	.2	.2	.2	2.5	2.5	2.7	7.4	7.6	6.2
31	COLORADO	634.4	635.0	597.6	13.2	13.4	13.0	41.8	43.0	39.1	98.6	98.9	91.5
32	Denver	395.2	396.6	375.6	3.5	3.6	3.5	26.1	26.5	23.4	70.9	71.1	65.3
33	CONNECTICUT	1,102.0	1,093.7	1,049.2	(3)	(3)	(3)	55.4	56.6	54.4	474.5	468.9	445.4
34	Bridgeport	146.1	145.5	140.4	(3)	(3)	(3)	6.2	6.5	6.3	76.2	76.2	71.2
35	Hartford	290.7	285.5	276.7	(3)	(3)	(3)	14.5	13.8	13.8	110.8	107.9	100.7
36	New Britain	45.3	44.6	42.8	(3)	(3)	(3)	1.9	2.0	1.9	25.1	24.8	23.4
37	New Haven	145.3	144.0	142.6	(3)	(3)	(3)	9.2	9.4	9.4	47.6	46.3	45.6
38	Stamford	70.1	70.5	67.7	(3)	(3)	(3)	3.9	4.0	4.0	24.8	24.7	22.6
39	Waterbury	75.0	74.2	72.5	(3)	(3)	(3)	2.7	2.7	2.6	39.7	39.2	38.4
40	DELAWARE	189.3	188.0	183.7	(1)	(1)	(1)	14.5	14.9	14.1	70.8	68.2	68.1
41	Wilmington	170.0	168.3	164.9	(1)	(1)	(1)	12.1	12.3	11.5	67.7	64.7	65.6
42	DISTRICT OF COLUMBIA <sup>4</sup>	(5)	659.3	620.2	(5)	(1)	(1)	(5)	27.4	27.8	(5)	21.6	20.6
43	Washington SMSA	(5)	999.7	938.9	(5)	(1)	(1)	(5)	78.1	76.3	(5)	43.0	40.6
44	FLORIDA	1,685.1	1,653.7	1,603.7	11.0	11.0	10.2	143.0	143.6	141.4	263.6	262.1	244.7
45	Fort Lauderdale-Hollywood	109.5	109.6	102.4	(1)	(1)	(1)	14.2	14.6	13.9	12.6	12.4	11.6
46	Jacksonville	164.7	163.5	161.4	(1)	(1)	(1)	10.6	10.7	11.0	22.8	23.7	22.2
47	Miami	365.1	348.4	354.6	(1)	(1)	(1)	24.0	23.7	22.7	55.2	54.6	53.0
48	Orlando	107.3	105.6	100.2	(1)	(1)	(1)	9.1	9.2	8.9	19.1	18.7	16.9
49	Pensacola	58.3	56.8	56.4	(1)	(1)	(1)	4.4	4.6	4.2	14.4	14.4	14.7
50	Tampa-St. Petersburg	243.7	239.4	230.9	(1)	(1)	(1)	19.0	19.0	18.9	44.6	44.5	40.7
51	West Palm Beach	78.5	76.8	71.7	(1)	(1)	(1)	8.6	8.4	7.9	14.6	14.7	13.7
52	GEORGIA	1,318.3	1,310.6	1,269.1	5.4	5.4	5.5	66.2	68.5	77.0	427.5	419.6	408.0
53	Atlanta	495.8	485.6	482.6	(1)	(1)	(1)	23.0	23.8	32.9	117.0	108.8	110.6

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			Service and miscellaneous			Government			
Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	
51.1	53.3	51.0	170.9	170.4	167.2	36.9	37.1	36.4	117.4	117.7	115.7	189.6	185.0	181.6	1
16.1	17.0	16.7	49.3	49.4	49.0	15.5	15.5	15.2	28.1	28.1	27.3	27.7	27.1	24.6	2
2.1	2.1	2.0	11.0	11.2	11.2	2.2	2.2	1.8	19.0	19.5	18.7	28.2	28.6	26.0	3
9.0	9.2	9.0	23.3	23.2	23.0	4.3	4.3	4.4	15.3	15.3	14.9	23.3	22.5	25.1	4
4.2	4.4	4.2	14.1	14.1	13.7	4.4	4.4	4.2	9.8	9.8	9.5	16.9	17.2	16.0	5
1.2	1.2	1.2	5.5	5.4	5.2	.9	.9	.9	3.1	3.1	3.1	10.8	10.1	9.9	6
7.8	8.2	7.9	11.1	11.0	10.9	2.4	2.4	2.2	8.5	8.6	8.0	32.3	32.7	31.3	7
26.2	26.3	24.7	97.8	96.3	94.0	22.4	22.3	21.8	66.2	68.6	64.8	97.6	93.9	90.8	8
14.6	14.7	13.4	60.6	59.5	57.3	16.3	16.3	15.8	39.6	39.1	37.4	44.4	44.7	42.8	9
5.1	5.1	5.1	17.7	17.3	17.5	3.5	3.5	3.5	13.8	13.6	13.3	22.8	21.4	21.0	10
31.8	31.9	31.2	98.8	99.7	97.3	19.2	19.4	18.1	64.7	64.3	61.6	89.1	89.1	85.2	11
1.6	1.7	1.6	4.5	4.5	4.3	.5	.5	.5	2.3	2.3	2.3	4.6	4.0	4.2	12
2.7	2.7	2.7	7.9	8.0	8.0	1.2	1.2	1.2	5.5	5.7	5.5	5.2	4.6	5.2	13
9.1	9.0	8.7	22.4	22.4	21.9	7.9	8.1	7.5	15.0	15.2	14.7	20.0	19.4	19.0	14
2.8	2.8	2.7	4.0	4.1	4.0	.8	.8	.8	2.8	2.8	2.8	5.2	4.7	4.6	15
412.4	400.2	397.8	1,341.3	1,334.2	1,296.8	330.9	332.7	322.0	996.9	997.3	949.4	1,195.6	1,161.3	1,109.9	16
11.1	11.0	10.3	71.6	71.8	64.4	14.0	14.0	13.5	50.8	51.9	44.6	48.1	46.9	43.4	17
6.2	6.4	6.2	19.4	20.1	19.2	2.7	2.7	2.8	11.5	11.5	11.1	24.6	24.5	23.0	18
8.2	8.3	8.2	30.7	31.4	30.4	4.9	4.9	4.7	16.9	16.8	16.4	23.1	21.6	20.9	19
158.2	155.2	151.5	570.2	567.7	554.7	149.5	150.5	146.6	442.2	441.8	421.4	348.3	340.3	326.9	20
3.8	3.7	3.4	17.2	17.3	15.9	2.4	2.4	2.3	10.3	10.3	9.7	23.5	22.9	20.9	21
18.3	18.3	17.8	50.5	49.2	48.5	9.9	9.9	9.9	29.5	29.5	27.9	93.7	91.6	81.8	22
17.6	17.6	17.1	55.1	53.9	52.9	9.4	9.4	9.4	42.7	42.6	39.9	65.3	63.3	62.5	23
16.5	16.5	15.3	64.4	64.5	60.2	13.6	13.7	13.5	53.2	53.2	49.6	74.3	72.9	68.3	24
114.8	106.7	110.6	242.9	241.2	237.9	83.1	83.6	81.7	182.0	180.3	173.8	242.3	237.1	224.8	25
14.1	14.2	12.9	53.7	53.3	50.0	10.8	10.9	10.8	55.7	55.7	50.3	49.6	47.3	43.6	26
3.3	3.3	3.1	16.3	16.5	15.4	2.7	2.7	2.9	16.2	16.0	14.4	16.7	16.2	14.8	27
2.6	2.6	2.6	10.8	10.9	10.4	3.4	3.4	3.5	6.7	6.7	6.3	9.5	8.4	9.2	28
7.2	6.7	6.6	18.6	18.1	18.1	2.6	2.6	2.6	11.1	10.7	10.8	23.0	22.5	18.8	29
3.2	3.2	2.9	10.6	10.6	10.4	1.8	1.8	1.7	7.9	7.8	7.5	27.9	27.3	25.9	30
46.6	45.8	45.0	145.0	146.2	140.7	31.7	31.9	31.2	101.2	105.1	98.0	156.3	152.7	139.1	31
32.1	30.8	30.8	97.6	98.1	93.7	24.1	24.2	23.8	66.9	67.8	65.1	74.0	74.5	70.0	32
48.4	47.1	47.5	194.7	192.6	186.2	61.9	62.5	59.4	145.6	146.9	141.1	121.5	119.1	115.2	33
5.8	5.6	5.5	25.2	24.6	25.1	4.3	4.3	4.2	16.6	16.5	16.7	11.8	11.8	11.5	34
10.2	9.8	10.0	52.2	50.6	51.5	35.9	36.1	35.0	36.3	36.3	35.5	30.8	31.1	30.1	35
2.0	2.0	1.9	6.9	6.7	6.5	1.0	1.0	.9	4.3	4.2	4.3	4.2	3.9	3.8	36
13.0	13.3	13.1	27.7	27.4	27.2	7.3	7.5	7.2	26.1	26.0	26.0	14.4	14.0	14.1	37
2.7	2.7	2.9	15.0	14.9	15.1	3.0	3.1	3.0	14.0	14.3	13.8	6.7	6.7	6.4	38
2.9	2.8	2.9	11.5	11.3	11.1	1.9	1.9	1.8	8.8	8.9	8.7	7.6	7.4	7.2	39
10.5	10.5	10.5	35.6	35.9	34.4	7.4	7.6	7.1	24.5	25.6	24.2	26.0	25.3	25.3	40
9.0	8.9	9.0	30.6	30.9	29.6	6.7	6.8	6.4	21.8	23.0	21.4	22.1	21.7	21.4	41
(5)	32.5	31.6	(5)	89.2	87.8	(5)	33.3	32.1	(5)	118.4	112.2	(5)	336.9	308.1	42
(5)	51.1	51.3	(5)	185.8	179.1	(5)	62.9	57.7	(5)	199.7	183.8	(5)	379.1	350.1	43
117.0	106.7	112.7	439.3	440.4	419.5	99.6	99.7	97.8	287.7	290.4	276.4	323.9	299.8	301.0	44
6.2	6.4	6.2	31.4	31.5	28.9	7.9	8.0	7.4	19.1	19.3	18.4	18.1	17.4	16.0	45
16.9	16.9	16.8	45.3	45.4	45.3	15.0	14.9	14.5	23.7	23.7	23.8	30.4	28.2	27.8	46
39.5	28.8	37.8	97.5	97.8	95.6	25.0	25.3	24.9	74.5	75.3	74.1	49.4	42.9	46.5	47
6.1	6.0	5.9	31.2	31.1	29.1	7.2	7.2	6.9	17.9	17.4	17.3	16.7	16.0	15.2	48
3.1	3.1	3.2	12.2	12.2	11.9	2.2	2.2	2.2	6.4	6.1	5.9	15.6	14.2	14.3	49
16.7	16.2	16.6	69.5	69.1	66.6	14.5	14.5	13.9	39.9	39.4	38.0	39.5	36.7	36.2	50
3.7	3.7	3.7	19.1	18.9	17.6	4.8	4.7	4.4	12.7	12.6	11.7	15.0	13.8	12.7	51
89.4	86.8	84.9	277.5	278.2	263.7	62.5	63.0	61.0	148.4	149.0	145.6	241.4	240.1	223.4	52
47.2	44.8	45.0	130.5	129.6	124.6	35.3	35.9	35.0	69.6	69.7	67.5	73.2	73.0	67.0	53



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

State and area	TOTAL			Mining			Contract construction			Manufacturing		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
<b>GEORGIA (continued)</b>												
1 Augusta .....	77.4	76.9	73.4	(1)	(1)	(1)	5.4	5.4	7.0	29.5	29.6	27.7
2 Savannah .....	59.4	58.8	57.7	(1)	(1)	(1)	3.5	3.2	3.9	16.1	16.0	15.4
<b>HAWAII</b>												
3 Honolulu .....	229.4	237.6	218.3	(1)	(1)	(1)	18.4	18.7	17.7	22.1	29.9	23.8
4 Honolulu .....	194.7	201.6	183.8	(1)	(1)	(1)	15.8	16.1	14.9	15.2	21.9	16.5
<b>IDAHO</b>												
5 Boise .....	192.8	192.3	188.3	3.6	3.6	3.7	13.6	13.6	13.5	36.4	35.7	36.5
6 Boise .....	34.6	34.8	33.0	(1)	(1)	(1)	2.2	2.2	2.2	3.8	3.9	3.7
<b>ILLINOIS</b>												
7 Chicago .....	4,077.1	4,060.0	3,918.1	25.7	25.4	26.3	184.3	186.0	179.9	1,391.6	1,397.0	1,327.3
8 Chicago .....	2,772.6	2,772.2	2,690.6	6.6	6.6	6.7	114.4	116.8	114.0	955.6	961.8	918.6
9 Davenport-Rock Island-Moline ..	(5)	128.5	123.5	(5)	(3)	(3)	(5)	7.0	6.5	(5)	49.9	46.6
10 Peoria .....	(5)	118.7	116.6	(5)	(3)	(3)	(5)	6.9	7.2	(5)	47.7	46.0
11 Rockford .....	(5)	105.7	95.7	(5)	(3)	(3)	(5)	4.8	4.4	(5)	58.1	50.8
<b>INDIANA</b>												
12 Evansville .....	1,760.7	1,742.5	1,671.4	7.7	7.7	8.3	85.9	86.8	78.3	733.2	725.6	696.8
13 Fort Wayne .....	81.6	80.8	79.0	2.0	2.0	1.8	4.2	4.3	4.5	32.6	30.8	29.8
14 Gary-Hammond-East Chicago ..	104.7	103.5	101.1	(1)	(1)	(1)	4.8	5.0	4.9	43.0	42.5	41.2
15 Indianapolis .....	211.6	211.2	210.2	(1)	(1)	(1)	13.6	13.7	14.5	110.5	111.2	109.5
16 Muncie .....	383.3	380.4	370.0	(1)	(1)	(1)	17.6	18.3	18.7	132.0	130.3	127.1
17 South Bend .....	44.1	42.1	41.7	(1)	(1)	(1)	1.8	1.8	1.8	19.7	19.0	18.6
18 Terre Haute .....	92.4	92.1	89.5	(1)	(1)	(1)	3.9	3.9	3.8	36.6	37.1	35.1
19 Terre Haute .....	50.0	49.0	47.6	.9	.8	.9	2.4	2.4	2.1	14.1	14.3	13.3
<b>IOWA</b>												
20 Cedar Rapids .....	806.2	798.4	766.6	3.7	3.8	3.5	47.4	50.4	44.1	211.5	212.9	194.0
21 Des Moines .....	61.9	62.0	57.6	(1)	(1)	(1)	3.4	3.6	2.9	27.3	27.4	24.1
22 Des Moines .....	110.4	110.2	108.9	(1)	(1)	(1)	5.8	6.0	5.5	24.1	24.5	22.8
<b>KANSAS</b>												
23 Topeka .....	636.5	623.7	606.4	12.6	12.8	13.4	32.9	35.3	35.7	139.2	136.4	121.8
24 Wichita .....	56.8	56.8	53.5	.1	.1	.1	3.9	4.0	2.9	7.9	8.3	7.2
25 Wichita .....	146.3	145.3	132.4	2.7	2.6	2.9	7.4	7.7	7.0	54.6	54.3	44.4
<b>KENTUCKY</b>												
26 Louisville .....	809.9	799.7	776.3	32.7	33.0	28.5	49.8	52.7	55.9	221.8	218.4	211.3
27 Louisville .....	288.2	282.2	274.5	(1)	(1)	(1)	15.5	15.6	14.9	103.7	100.2	95.3
<b>LOUISIANA</b>												
28 Baton Rouge .....	964.9	957.9	915.9	53.3	53.4	49.5	91.2	91.3	85.1	167.0	166.6	158.5
29 Lake Charles .....	91.0	90.9	86.0	.3	.3	.3	15.0	15.5	13.4	16.6	16.7	15.6
30 Monroe .....	37.6	36.6	33.9	1.4	1.3	1.3	5.7	5.4	3.9	8.2	8.2	7.3
31 New Orleans .....	33.3	32.8	32.4	.5	.5	.5	4.1	4.2	3.9	6.2	6.1	6.0
32 Shreveport .....	352.7	352.7	341.8	12.5	12.8	12.3	28.0	28.5	27.1	59.3	59.9	58.7
33 Shreveport .....	83.2	82.3	79.1	5.2	5.3	5.3	6.4	6.5	6.0	12.7	12.6	10.8
<b>MAINE</b>												
34 Lewiston-Auburn .....	305.7	312.1	299.4	(1)	(1)	(1)	16.7	17.5	16.9	112.8	116.4	109.9
35 Portland .....	27.1	27.6	25.9	(1)	(1)	(1)	1.3	1.4	1.3	13.4	13.6	12.5
36 Portland .....	59.2	59.9	59.0	(1)	(1)	(1)	3.6	3.7	3.7	14.5	14.6	14.6
<b>MARYLAND</b>												
37 Baltimore .....	1,150.1	1,145.0	1,084.3	2.5	2.5	2.5	89.4	90.8	87.4	286.7	288.0	271.8
38 Baltimore .....	713.4	706.2	675.0	.9	.9	.9	44.9	45.8	43.5	206.5	204.4	193.9
<b>MASSACHUSETTS</b>												
39 Boston .....	2,132.1	2,129.9	2,078.6	(1)	(1)	(1)	95.8	98.3	101.0	699.0	702.0	676.8
40 Brockton .....	1,197.0	1,191.0	1,164.3	(1)	(1)	(1)	56.5	57.7	55.7	296.4	297.3	289.9
41 Fall River .....	46.9	46.9	45.3	-	-	-	2.1	2.2	2.1	17.1	17.2	16.2
42 Lawrence-Haverhill .....	45.0	44.7	44.9	(1)	(1)	(1)	(1)	(1)	(1)	21.9	21.8	21.8
43 Lowell .....	74.6	75.8	74.7	(1)	(1)	(1)	2.4	2.5	2.5	37.9	38.8	38.4
44 New Bedford .....	48.6	49.0	48.1	(1)	(1)	(1)	2.5	2.7	2.7	19.9	20.4	19.7
45 Springfield-Chicopee-Holyoke ..	53.5	54.2	52.2	(1)	(1)	(1)	1.9	1.9	1.9	27.3	27.7	26.7
46 Worcester .....	189.4	190.3	184.3	(1)	(1)	(1)	7.9	8.1	7.3	74.7	75.1	71.4
47 Worcester .....	125.8	126.5	122.7	(1)	(1)	(1)	5.2	5.4	5.1	51.0	51.5	49.7

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			Service and miscellaneous			Government			
Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	
3.4	3.4	3.0	12.7	12.7	11.7	2.7	2.7	2.4	7.0	7.1	6.9	16.7	16.0	14.7	1
6.4	6.4	6.5	12.7	13.0	12.3	2.8	2.8	2.7	7.5	7.8	7.6	10.4	9.6	9.2	2
17.2	17.3	16.7	53.4	53.7	50.1	13.4	13.4	13.2	40.7	40.8	38.7	64.2	63.8	58.1	3
14.7	14.7	14.2	45.9	46.2	42.8	12.4	12.4	12.2	34.5	34.6	32.6	56.2	55.7	50.6	4
14.2	14.1	14.5	46.7	46.7	45.1	7.3	7.4	7.2	27.1	27.6	26.2	43.9	43.6	41.6	5
3.1	3.1	3.0	9.8	9.8	8.9	2.3	2.3	2.2	5.1	5.1	4.8	8.3	8.4	8.2	6
287.5	280.3	279.9	856.9	848.0	829.0	207.7	209.7	202.3	598.2	596.2	574.6	525.0	517.4	498.8	7
201.4	197.2	198.4	590.5	586.8	578.9	160.0	162.3	158.1	441.5	440.6	427.2	302.5	300.2	288.7	8
(5)	6.8	6.6	(5)	25.3	25.1	(5)	4.8	4.7	(5)	14.8	14.6	(5)	19.9	19.4	9
(5)	6.4	6.5	(5)	24.7	24.7	(5)	4.6	4.3	(5)	15.6	15.1	(5)	12.7	12.8	10
(5)	3.5	3.3	(5)	19.0	17.5	(5)	2.7	2.7	(5)	10.8	10.6	(5)	6.7	6.4	11
96.4	97.0	94.6	332.7	331.4	319.3	67.2	68.0	65.4	180.7	179.0	173.4	256.9	247.0	235.4	12
4.9	4.9	5.0	17.3	17.2	17.3	2.9	2.9	2.9	10.0	10.7	10.1	7.7	8.0	7.6	13
7.4	7.5	7.1	22.1	21.8	21.6	5.3	5.4	5.3	12.5	12.4	12.0	9.6	8.9	9.0	14
13.3	13.4	13.3	33.4	33.2	33.0	5.4	5.5	5.4	17.9	17.7	17.4	17.5	16.5	17.1	15
26.1	26.1	24.9	83.2	82.1	79.5	24.8	25.3	23.9	43.0	43.2	41.4	56.6	55.1	54.5	16
2.4	2.4	2.2	7.9	7.8	7.7	1.3	1.3	1.3	4.3	4.3	4.1	6.7	5.5	6.0	17
4.7	4.7	4.6	18.5	18.5	18.4	4.6	4.7	4.6	14.9	14.7	14.7	9.2	8.5	8.3	18
4.2	4.2	4.3	12.4	12.4	11.7	1.6	1.7	1.6	5.4	5.3	5.3	9.0	7.9	8.4	19
51.0	51.5	50.5	195.2	192.5	187.2	37.3	37.7	36.0	116.8	114.6	112.4	143.4	135.1	138.8	20
3.1	3.2	3.1	12.3	12.2	12.0	2.7	2.7	2.6	7.8	7.9	7.6	5.4	5.2	5.3	21
7.8	7.8	8.1	28.0	27.8	28.2	11.9	12.0	12.1	16.5	16.6	17.0	16.4	15.6	15.4	22
51.2	51.5	50.6	142.5	142.7	142.4	26.4	26.8	26.0	87.9	88.3	84.7	143.8	129.9	131.8	23
7.4	7.3	7.1	12.0	11.9	11.7	3.3	3.3	3.1	8.7	8.6	8.4	13.8	13.4	13.1	24
7.4	7.5	7.3	30.9	31.0	29.3	6.0	6.1	6.1	20.2	20.3	19.1	17.4	16.0	16.4	25
56.1	55.2	55.2	162.9	162.6	156.5	31.2	31.5	30.0	106.5	106.7	103.8	149.0	139.7	135.1	26
21.5	21.1	21.0	60.8	60.3	58.7	14.7	14.7	14.2	40.9	40.4	39.9	31.0	29.9	30.5	27
91.6	91.5	85.7	209.2	209.7	201.3	43.0	43.3	41.4	131.3	132.2	124.0	178.3	169.9	170.4	28
5.0	5.1	4.7	18.4	18.4	17.0	4.7	4.7	4.5	11.9	11.7	11.3	19.0	18.4	19.1	29
3.4	3.3	3.2	7.3	7.3	6.8	1.3	1.3	1.3	4.5	4.4	4.4	5.8	5.4	5.7	30
2.1	2.2	2.1	8.4	8.4	8.3	1.7	1.7	1.7	4.6	4.5	4.4	5.7	5.2	5.5	31
46.6	46.3	43.8	84.0	84.9	79.9	20.1	20.3	19.8	56.4	55.8	56.1	45.8	44.2	44.2	32
8.7	8.7	8.5	21.4	21.4	20.6	4.0	4.0	3.9	11.7	11.6	11.2	13.3	12.2	12.8	33
16.6	16.9	16.7	56.9	58.1	56.1	10.1	10.2	9.9	35.7	38.3	35.1	56.9	54.7	54.8	34
.9	.9	.9	5.4	5.5	5.2	.8	.8	.8	3.6	3.7	3.5	1.7	1.7	1.7	35
5.0	5.4	5.2	15.5	15.7	15.4	4.5	4.6	4.4	9.5	9.7	9.4	6.6	6.2	6.3	36
75.4	74.0	72.2	250.2	247.9	236.8	58.5	59.1	55.5	184.7	185.3	173.4	202.7	197.4	184.7	37
54.6	53.4	52.9	147.2	145.5	142.2	36.5	36.7	35.2	108.0	107.4	101.6	114.8	112.1	104.8	38
109.4	106.4	108.5	430.1	428.0	423.1	111.8	112.7	110.1	308.3	387.7	375.7	297.7	294.8	283.4	39
66.7	65.0	67.4	264.3	261.0	255.7	80.8	81.5	79.0	259.8	255.6	251.9	172.5	172.9	164.7	40
2.9	2.8	2.8	11.4	11.2	11.0	1.4	1.4	1.3	5.1	5.2	5.0	6.9	6.9	6.9	41
1.7	1.7	1.6	8.6	8.5	8.5	(1)	(1)	(1)	8.4	8.4	8.2	4.4	4.3	4.8	42
1.9	1.9	1.9	13.4	13.3	13.2	2.1	2.1	2.1	9.0	9.3	8.9	7.9	7.9	7.7	43
1.9	1.9	1.9	9.0	8.8	9.0	1.3	1.3	1.3	7.5	7.4	7.2	6.5	6.5	6.3	44
2.6	2.6	2.5	9.7	9.6	9.4	(1)	(1)	(1)	8.0	8.3	7.9	4.0	4.1	3.8	45
8.5	8.4	8.6	35.1	34.8	35.3	8.6	8.7	8.6	30.3	30.7	29.3	24.3	24.5	23.8	46
5.9	5.9	5.9	22.8	22.6	22.6	6.0	6.1	5.9	20.1	20.2	19.5	14.8	14.8	14.0	47

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
1	MICHIGAN . . . . .	2,858.4	2,733.2	2,731.7	14.1	14.0	13.1	125.8	126.4	127.0	1,160.5	1,065.5	1,110.9
2	Ann Arbor . . . . .	93.2	80.8	89.0	(1)	(1)	(1)	3.6	3.7	2.8	35.0	25.0	33.3
3	Bay City . . . . .	29.7	29.3	28.0	(1)	(1)	(1)	1.4	1.4	1.1	12.7	12.5	11.8
4	Detroit . . . . .	1,418.6	1,353.3	1,370.6	.9	.9	1.0	55.2	55.6	61.5	607.4	553.7	584.4
5	Flint . . . . .	152.2	133.8	149.5	(1)	(1)	(1)	6.2	6.2	6.8	85.0	67.7	83.3
6	Grand Rapids . . . . .	169.5	166.1	163.9	(1)	(1)	(1)	9.8	9.8	9.3	75.8	73.8	72.7
7	Kalamazoo . . . . .	66.2	65.2	64.0	(1)	(1)	(1)	3.4	3.4	3.8	27.9	29.0	26.6
8	Lansing . . . . .	115.8	105.3	110.6	(1)	(1)	(1)	5.5	5.5	4.9	39.5	30.3	38.1
9	Muskegon-Muskegon Heights . . . . .	50.9	50.5	49.0	(1)	(1)	(1)	1.8	1.9	1.7	28.5	28.4	27.0
10	Saginaw . . . . .	67.9	66.9	65.2	(1)	(1)	(1)	3.5	3.6	3.2	32.0	31.3	30.9
11	MINNESOTA . . . . .	1,162.7	1,160.1	1,110.1	16.6	16.8	15.6	75.2	75.8	69.5	287.7	286.3	272.7
12	Duluth-Superior . . . . .	56.2	57.2	53.7	(1)	(1)	(1)	3.0	3.1	3.0	10.5	10.5	9.7
13	Minneapolis-St. Paul . . . . .	687.8	683.5	651.7	(1)	(1)	(1)	43.3	42.8	39.6	186.2	185.8	173.7
14	MISSISSIPPI . . . . .	511.6	503.7	492.9	5.4	5.5	5.6	31.6	32.4	31.1	163.7	164.2	156.3
15	Jackson . . . . .	79.6	77.5	76.9	.8	.8	.8	6.0	6.0	5.9	13.4	13.3	12.6
16	MISSOURI . . . . .	1,537.8	1,516.2	1,484.1	8.1	8.2	8.3	81.0	80.8	83.3	443.1	435.0	419.8
17	Kansas City . . . . .	470.8	456.2	447.3	.6	.6	.6	26.2	26.1	25.7	129.0	121.2	115.7
18	St. Louis . . . . .	861.6	850.8	827.0	2.9	2.9	3.1	47.0	45.7	46.4	291.5	286.8	280.7
19	Springfield <sup>6</sup> . . . . .	48.4	47.6	45.8	.1	.1	.1	3.0	3.0	2.5	13.3	12.9	12.1
20	MONTANA . . . . .	190.5	194.5	187.0	7.4	7.6	7.3	14.1	14.9	14.3	24.4	25.2	23.5
21	Billings . . . . .	25.3	25.2	24.9	(1)	(1)	(1)	1.7	1.7	1.7	2.8	2.8	2.9
22	Great Falls . . . . .	23.1	23.4	22.8	(1)	(1)	(1)	2.4	2.3	2.6	3.4	3.4	3.3
23	NEBRASKA . . . . .	435.1	433.8	421.8	2.0	2.1	2.1	25.5	26.8	25.1	76.5	77.7	69.4
24	Omaha . . . . .	185.3	185.2	178.0	(3)	(3)	(3)	12.6	13.1	11.4	37.8	38.1	35.4
25	NEVADA . . . . .	162.5	164.4	164.4	3.9	4.2	4.0	8.4	8.9	11.7	7.1	7.2	7.1
26	Reno <sup>2</sup> . . . . .	47.8	47.6	48.8	(7)	(7)	(7)	3.5	3.6	4.7	2.6	2.6	2.6
27	NEW HAMPSHIRE . . . . .	240.4	248.6	224.5	.3	.3	.2	12.8	13.2	11.4	97.4	97.8	90.5
28	Manchester . . . . .	48.0	47.4	45.5	(1)	(1)	(1)	2.5	2.6	2.5	18.6	18.4	17.4
29	NEW JERSEY . . . . .	2,357.0	2,359.4	2,290.3	3.2	3.2	3.6	121.7	124.1	118.5	868.0	860.3	845.5
30	Atlantic City . . . . .	63.3	68.7	60.1	-	-	-	3.8	3.9	3.3	9.8	10.1	9.4
31	Jersey City <sup>8</sup> . . . . .	258.8	257.2	254.6	-	-	-	7.1	7.0	7.0	118.1	116.3	114.8
32	Newark <sup>8</sup> . . . . .	737.5	734.5	725.0	.6	.6	.9	35.9	36.2	35.4	254.1	250.8	248.6
33	Paterson-Clifton-Passaic <sup>8</sup> . . . . .	435.5	433.7	425.3	.4	.4	.5	25.5	25.6	24.8	177.6	176.2	175.3
34	Perth Amboy <sup>8</sup> . . . . .	226.0	223.6	216.0	.8	.8	.8	12.0	11.8	11.5	104.2	103.2	101.4
35	Trenton . . . . .	122.3	122.5	118.7	(1)	(1)	(1)	5.2	5.3	5.2	42.6	42.4	40.3
36	NEW MEXICO . . . . .	273.8	274.0	269.7	16.6	16.8	17.2	19.3	20.1	21.3	18.6	18.8	17.6
37	Albuquerque . . . . .	97.0	96.5	94.8	(1)	(1)	(1)	7.4	7.7	7.5	8.5	8.6	8.2
38	NEW YORK . . . . .	6,753.8	6,723.4	6,607.7	9.5	9.5	9.9	285.5	285.7	280.5	1,928.0	1,912.8	1,877.9
39	Albany-Schenectady-Troy . . . . .	256.6	258.0	250.0	(1)	(1)	(1)	13.0	13.3	12.8	66.0	66.6	64.4
40	Binghamton . . . . .	101.9	101.6	99.9	(1)	(1)	(1)	4.8	4.4	5.3	46.8	47.4	44.9
41	Buffalo . . . . .	474.8	467.3	462.5	(1)	(1)	(1)	23.3	23.6	22.3	183.6	180.0	178.3
42	Elmira . . . . .	37.5	37.1	35.5	(1)	(1)	(1)	1.6	1.5	2.2	16.8	16.6	15.0
43	Monroe County <sup>9</sup> . . . . .	283.5	282.7	264.9	(1)	(1)	(1)	17.6	17.2	13.9	129.6	130.1	120.1
44	Nassau and Suffolk Counties <sup>10</sup> . . . . .	612.7	610.5	581.0	(1)	(1)	(1)	41.5	41.9	40.5	147.0	145.5	137.5
45	New York-Northeastern New Jersey . . . . .	6,244.6	6,197.8	6,133.4	4.9	4.9	5.2	252.3	252.1	252.9	1,775.2	1,753.9	1,750.7
46	New York SMSA <sup>8</sup> . . . . .	4,586.8	4,548.9	4,512.0	3.1	3.1	3.0	171.8	171.5	174.1	1,121.3	1,107.4	1,110.0
47	New York City <sup>10</sup> . . . . .	3,646.2	3,613.0	3,612.5	2.5	2.5	2.4	110.0	108.8	112.6	886.7	878.7	886.5
48	Rochester . . . . .	322.0	320.6	303.3	(1)	(1)	(1)	19.1	19.0	15.1	143.8	143.3	134.1
49	Rockland County <sup>10</sup> . . . . .	48.7	50.4	48.0	(1)	(1)	(1)	3.2	3.3	3.9	13.6	14.3	14.0
50	Syracuse . . . . .	212.8	209.4	202.9	(1)	(1)	(1)	11.4	12.0	11.7	71.1	70.7	66.6
51	Utica-Rome . . . . .	111.7	111.3	105.4	(1)	(1)	(1)	4.0	4.0	3.9	42.7	41.9	39.2
52	Westchester County <sup>10</sup> . . . . .	279.2	274.9	270.5	(1)	(1)	(1)	17.1	17.5	17.2	73.9	68.9	72.1

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			Service and miscellaneous			Government			
Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	
141.6	140.4	135.8	538.2	534.3	519.9	98.9	99.5	95.4	347.7	346.2	332.5	431.7	407.0	397.0	1
1.8	1.8	2.7	10.6	10.2	9.6	1.9	1.8	1.7	7.9	8.0	7.6	32.3	30.2	31.1	2
1.6	1.6	1.5	6.5	6.5	6.2	.7	.7	.6	3.7	3.7	3.7	3.0	2.8	3.0	3
75.5	74.2	72.2	284.1	279.8	268.6	59.5	59.8	57.6	180.2	178.3	176.7	155.8	151.0	148.6	4
5.0	4.7	4.5	22.2	22.1	22.3	3.5	3.5	3.3	13.9	14.1	13.4	16.4	15.6	15.9	5
9.5	9.5	9.2	33.4	32.9	32.2	5.8	5.9	5.5	20.9	20.6	20.9	14.3	13.6	14.1	6
2.3	2.3	2.2	11.5	11.3	11.2	1.8	1.8	1.8	7.7	7.7	7.5	11.6	9.8	11.1	7
3.3	3.2	3.2	19.3	19.1	18.4	3.7	3.7	3.5	12.6	12.5	12.3	31.9	31.0	30.2	8
2.4	2.4	2.5	7.6	7.5	7.5	1.2	1.3	1.3	4.7	4.7	4.4	4.7	4.4	4.5	9
4.5	4.5	3.9	11.9	11.8	11.4	1.8	1.8	1.8	7.6	7.6	7.5	6.7	6.4	6.4	10
65.1	81.9	82.5	268.6	267.4	261.7	53.7	54.3	52.7	172.1	171.0	166.5	203.7	206.7	188.9	11
8.9	9.1	9.1	12.9	12.9	12.4	1.9	1.9	1.9	9.9	10.1	9.6	9.0	9.6	7.9	12
53.5	50.7	52.2	162.7	161.2	158.2	39.5	39.9	38.5	109.9	109.0	106.5	92.7	94.0	83.0	13
25.8	27.4	26.9	93.4	93.1	91.8	17.1	17.1	16.8	56.5	56.2	56.5	116.9	107.8	107.9	14
4.9	4.9	4.8	18.0	18.0	17.5	5.5	5.5	5.3	13.0	12.0	12.8	18.1	17.0	17.2	15
122.4	116.1	117.9	338.8	338.0	332.1	80.5	81.8	80.0	225.2	221.5	220.4	238.7	234.8	222.3	16
46.8	41.6	45.6	112.9	112.8	109.9	29.6	29.8	28.9	65.8	65.9	63.6	59.9	58.2	57.3	17
66.5	65.8	65.2	177.6	176.7	168.5	42.2	42.8	41.6	131.0	128.6	124.9	102.9	101.5	96.6	18
4.2	4.3	4.3	11.4	11.4	11.2	1.9	1.9	1.9	8.0	7.9	7.5	6.5	6.1	6.2	19
18.5	18.8	18.4	44.7	45.6	43.7	7.3	7.3	7.2	26.4	27.0	25.9	47.7	48.1	46.7	20
2.5	2.5	2.5	7.7	7.7	7.7	1.5	1.6	1.5	4.7	4.7	4.6	4.4	4.2	4.0	21
2.1	2.1	2.0	6.1	6.3	5.8	1.2	1.3	1.3	3.5	3.6	3.6	4.4	4.4	4.2	22
36.3	36.9	36.5	105.8	105.4	103.3	25.3	25.4	25.1	73.1	72.1	70.6	90.6	87.5	89.6	23
20.5	20.7	20.1	44.2	44.2	42.8	14.6	14.6	14.5	30.1	29.9	29.2	25.6	24.8	24.6	24
11.4	11.5	11.7	30.8	31.0	30.5	6.3	6.2	6.4	63.8	65.6	63.5	30.8	29.8	29.5	25
4.3	4.3	4.4	10.6	10.6	10.3	2.5	2.5	2.5	15.8	16.0	15.7	8.5	8.0	8.6	26
9.9	9.9	9.5	42.9	43.4	40.5	8.6	8.7	8.4	40.2	48.3	36.7	28.3	26.9	27.3	27
2.9	2.8	2.7	10.2	10.0	9.5	2.7	2.7	2.7	7.2	7.2	6.9	3.8	3.6	3.8	28
161.9	160.1	158.6	460.0	460.8	440.9	103.4	104.9	101.0	333.3	340.4	327.3	305.5	305.6	294.9	29
3.5	3.6	3.3	17.7	20.6	16.8	2.9	2.9	2.8	15.9	18.0	14.9	9.7	9.6	9.6	30
35.1	35.0	33.7	37.3	36.8	37.3	8.6	8.7	8.6	25.4	25.3	25.0	27.2	28.1	28.2	31
53.1	51.6	52.9	143.5	143.1	140.6	49.5	49.9	49.2	113.1	114.1	113.7	87.5	88.2	83.7	32
23.1	22.9	23.6	95.3	94.3	90.7	14.6	14.8	14.0	57.9	57.8	55.9	41.1	41.7	40.5	33
10.7	10.6	10.2	41.0	39.7	37.0	4.5	4.6	4.4	21.4	21.5	20.6	31.4	31.4	30.1	34
6.3	6.2	6.2	19.4	19.4	19.4	4.4	4.5	4.4	21.3	21.3	21.4	23.1	23.4	21.8	35
20.3	19.9	20.3	57.6	57.9	55.8	11.4	11.5	11.6	48.8	50.7	48.3	81.2	78.3	77.6	36
6.7	6.7	6.7	23.3	23.2	22.5	5.8	5.8	5.8	22.8	22.9	22.2	22.5	21.6	21.9	37
484.9	476.1	487.8	1,356.6	1,345.2	1,341.4	515.1	521.2	506.8	1,177.9	1,177.0	1,149.6	996.4	996.0	953.8	38
14.7	14.6	14.3	51.5	50.8	49.7	9.5	9.7	9.5	40.4	41.2	39.4	61.3	61.9	59.9	39
4.9	5.0	4.9	16.5	16.5	16.4	2.8	2.9	2.8	10.5	10.7	10.4	15.7	14.9	15.2	40
31.9	31.9	32.2	89.5	89.0	88.4	17.4	17.5	16.9	62.9	62.9	61.6	66.2	62.6	62.9	41
1.6	1.6	1.6	6.5	6.5	6.4	.9	.9	.9	5.4	5.5	5.1	4.7	4.4	4.3	42
11.2	11.3	11.0	48.3	48.1	45.6	9.7	9.8	9.3	39.0	38.8	37.6	28.1	27.4	27.4	43
26.0	24.8	26.2	152.2	152.4	145.9	25.9	26.1	24.4	108.0	113.4	101.0	112.0	106.4	105.4	44
490.4	477.0	490.9	1,287.4	1,272.0	1,263.5	519.1	524.8	509.7	1,088.7	1,083.5	1,066.2	826.6	829.5	794.3	45
368.1	356.9	370.5	970.2	953.2	957.9	441.9	446.8	433.5	870.9	864.9	851.1	639.4	640.1	611.8	46
322.1	312.7	325.4	748.0	736.1	745.2	401.8	406.3	395.0	696.6	683.0	686.2	478.4	485.0	459.3	47
13.1	13.1	12.9	54.4	54.4	52.1	10.3	10.5	9.9	43.3	42.9	41.7	38.0	37.3	37.5	48
2.4	2.3	2.3	8.5	8.8	7.8	1.7	1.8	1.6	7.8	8.5	7.1	11.5	11.5	11.3	49
13.9	13.8	13.2	44.1	43.7	42.9	9.8	9.9	9.6	31.5	30.1	30.1	31.3	29.2	28.8	50
5.4	5.4	5.4	17.7	17.8	17.3	4.1	4.1	4.0	13.2	13.2	12.5	24.7	24.9	23.1	51
17.6	17.1	16.6	61.5	60.9	59.0	12.5	12.6	12.5	59.1	60.6	57.5	37.5	37.2	35.8	52

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
1	NORTH CAROLINA	1,496.3	1,484.5	1,442.9	3.0	3.0	2.8	92.9	97.1	89.2	628.9	626.4	603.0
2	Asheville	-	-	-	-	-	-	-	-	-	20.1	20.2	18.9
3	Charlotte	143.7	143.8	138.2	(1)	(1)	(1)	11.2	11.5	9.3	36.2	36.5	35.2
4	Greensboro-High Point	-	-	-	-	-	-	7.4	7.8	7.2	48.3	49.0	48.0
5	Raleigh	-	-	-	-	-	-	-	-	-	12.7	12.7	11.1
6	Winston-Salem	-	-	-	-	-	-	-	-	-	39.1	38.9	38.4
7	NORTH DAKOTA	149.6	149.7	150.5	2.1	2.1	2.1	11.5	12.1	13.9	8.4	8.6	9.2
8	Fargo-Moorhead	35.5	35.1	34.1	(1)	(1)	(1)	3.0	3.1	2.8	2.6	2.3	2.3
9	OHIO	3,557.5	3,510.3	3,421.5	20.8	20.9	17.3	170.1	170.3	164.2	1,407.8	1,390.8	1,349.4
10	Akron	219.1	216.9	210.4	.3	.3	.3	8.8	8.6	9.0	96.1	95.3	93.1
11	Canton	124.8	124.2	121.0	.5	.5	.5	4.8	5.0	4.9	61.5	61.2	58.7
12	Cincinnati	458.2	449.9	437.1	.4	.4	.4	21.6	21.3	21.2	165.4	161.3	155.0
13	Cleveland	803.3	796.7	776.4	1.1	1.1	1.1	33.9	33.8	33.4	310.6	308.8	300.2
14	Columbus	329.5	324.9	314.0	1.0	1.0	.9	17.4	17.8	17.3	85.1	84.0	82.0
15	Dayton	299.3	295.9	283.9	.6	.6	.5	14.1	14.4	14.0	126.9	125.3	117.3
16	Toledo	215.9	212.3	213.1	.4	.4	.4	10.1	10.3	9.8	78.3	78.7	81.0
17	Youngstown-Warren	186.0	182.1	177.1	.5	.5	.5	9.8	9.7	9.0	87.8	84.7	83.3
18	OKLAHOMA	677.2	675.7	658.4	42.7	43.4	42.3	34.7	36.2	36.9	112.7	113.3	105.9
19	Oklahoma City	221.4	218.2	214.1	6.9	6.8	6.9	12.6	12.8	14.7	30.2	30.0	28.4
20	Tulsa	161.1	161.4	154.1	13.3	13.6	13.4	9.5	9.8	9.4	39.5	39.8	36.4
21	OREGON	661.7	659.5	635.7	1.7	1.8	1.8	38.3	38.1	36.8	175.4	181.5	170.1
22	Eugene	64.3	63.2	62.6	(1)	(1)	(1)	4.3	4.2	4.0	19.8	20.9	20.8
23	Portland	341.1	338.0	325.0	(1)	(1)	(1)	16.4	16.8	17.2	83.6	83.6	77.3
24	PENNSYLVANIA	4,110.2	4,101.7	3,991.5	44.0	44.1	46.7	194.1	198.1	188.2	1,562.0	1,567.8	1,508.1
25	Allentown-Bethlehem-Easton	203.6	204.3	199.5	.5	.5	.5	8.8	9.0	8.4	103.5	104.3	102.7
26	Altoona	44.8	44.8	43.5	(1)	(1)	(1)	1.5	1.5	1.4	14.7	14.8	13.4
27	Eric	91.0	89.9	87.7	(1)	(1)	(1)	3.3	3.4	3.4	44.5	43.7	42.2
28	Harrisburg	163.5	164.5	159.9	(1)	(1)	(1)	9.8	9.8	7.9	39.4	39.5	37.7
29	Johnstown	76.0	76.2	73.4	4.9	4.9	5.0	2.5	2.6	1.8	27.5	27.5	26.4
30	Lancaster	111.5	112.2	107.7	(1)	(1)	(1)	7.1	7.3	6.9	55.4	56.4	53.4
31	Philadelphia	1,646.4	1,639.4	1,606.1	1.2	1.3	1.5	85.0	87.4	82.4	573.3	573.0	554.4
32	Pittsburgh	825.4	826.4	807.1	10.1	10.1	9.9	38.8	40.2	40.1	297.6	298.9	289.0
33	Reading	113.8	113.4	112.2	(1)	(1)	(1)	4.2	4.3	4.3	55.9	55.9	56.0
34	Scranton	82.1	81.8	80.6	.7	.7	1.1	2.3	2.4	2.0	34.6	34.5	33.3
35	Wilkes-Barre-Hazleton	113.7	114.4	110.5	3.3	3.3	3.9	4.5	4.5	5.1	51.3	52.4	47.5
36	York	116.6	116.5	113.5	(1)	(1)	(1)	5.7	5.7	5.8	58.7	59.5	57.7
37	RHODE ISLAND	328.9	328.1	321.9	(1)	(1)	(1)	16.9	17.4	15.9	124.7	124.5	122.7
38	Providence-Pawtucket-Warwick	339.2	338.1	328.1	(1)	(1)	(1)	16.9	17.3	15.7	142.2	142.3	138.0
39	SOUTH CAROLINA	727.5	726.9	696.9	1.7	1.7	1.7	45.9	47.8	46.3	315.3	317.4	297.8
40	Charleston	77.6	76.7	72.7	(1)	(1)	(1)	6.4	6.7	6.2	12.4	12.5	11.2
41	Columbia	87.0	85.2	83.6	(1)	(1)	(1)	6.6	6.8	6.8	17.2	17.3	16.9
42	Greenville	105.8	104.9	101.0	(1)	(1)	(1)	8.2	8.3	8.0	53.1	53.2	49.7
43	SOUTH DAKOTA <sup>2</sup>	153.7	156.7	156.1	2.3	2.4	2.6	7.5	8.6	9.9	14.0	14.3	13.8
44	Sioux Falls <sup>2</sup>	30.5	31.2	30.5	(1)	(1)	(1)	1.1	1.3	1.9	5.4	5.6	5.5
45	TENNESSEE	1,212.0	1,210.9	1,134.5	7.3	7.3	7.3	70.0	71.1	64.4	432.9	433.1	398.3
46	Chattanooga	120.7	118.0	111.9	.2	.2	.2	6.2	6.3	5.6	50.8	50.7	46.4
47	Knoxville	136.8	135.8	131.4	1.7	1.7	1.7	7.3	7.1	5.8	47.7	47.7	46.1
48	Memphis	237.7	235.5	225.8	.3	.3	.3	14.3	14.0	13.5	55.9	55.9	50.4
49	Nashville	201.8	201.0	193.2	(1)	(1)	(1)	12.5	12.7	12.6	61.1	60.8	56.8
50	TEXAS	3,061.6	3,057.4	2,939.6	108.0	109.3	110.2	190.7	194.9	194.7	614.1	613.1	576.6
51	Austin	-	-	-	-	-	-	-	-	-	6.8	6.9	6.4
52	Beaumont-Port Arthur	-	-	-	-	-	-	-	-	-	34.8	33.6	33.9
53	Corpus Christi	-	-	-	-	-	-	-	-	-	10.3	10.4	10.3

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			Service and miscellaneous			Government			
Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	
78.9	77.4	75.7	262.7	262.2	259.4	55.6	55.9	54.4	163.3	163.9	159.1	211.0	198.6	199.3	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
14.8	14.3	14.6	37.5	37.7	37.6	9.5	9.5	9.3	19.0	19.1	17.9	15.5	15.2	14.3	3
6.1	6.1	5.9	23.7	23.3	22.6	6.5	6.6	6.4	-	-	-	-	-	-	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
12.2	12.3	12.0	41.8	41.9	41.6	6.5	6.6	6.4	25.4	25.1	25.1	41.6	40.9	40.3	7
3.0	3.1	3.0	10.7	10.7	10.7	2.1	2.1	2.1	6.4	6.4	6.2	7.7	7.4	7.1	8
212.8	210.8	206.6	675.6	670.7	659.8	136.4	137.7	133.0	454.5	447.9	437.0	479.5	461.2	454.2	9
14.2	14.0	13.8	40.2	40.1	39.0	6.2	6.3	6.0	27.7	27.5	26.6	25.6	24.7	22.6	10
6.6	6.5	6.3	22.2	22.3	21.8	4.1	4.2	4.0	14.5	14.3	14.6	10.7	10.3	10.2	11
33.0	32.9	33.2	93.4	92.6	90.2	24.2	24.2	23.7	61.2	60.9	59.2	59.0	56.1	54.2	12
50.9	49.8	48.6	161.9	160.0	158.4	37.2	37.5	36.4	112.8	110.9	109.0	94.9	94.8	89.4	13
19.8	19.6	19.0	68.1	67.7	64.6	20.3	20.4	19.4	49.5	48.5	47.9	68.3	65.9	62.9	14
11.6	11.6	11.3	49.7	49.4	48.9	8.5	8.5	8.1	36.0	35.7	34.5	52.0	50.5	49.3	15
16.5	16.5	16.1	44.7	44.4	43.8	7.0	7.1	6.8	31.3	30.7	30.0	27.5	24.3	25.3	16
10.2	10.1	9.5	32.2	32.3	31.5	4.6	4.6	4.4	24.2	23.6	22.8	16.8	16.8	16.1	17
47.8	48.4	46.9	151.4	152.0	149.8	31.6	31.7	31.6	92.1	92.3	90.0	164.2	158.4	155.0	18
14.2	14.3	13.8	50.5	50.6	50.5	13.5	13.6	13.5	30.9	31.0	29.9	62.6	59.1	56.4	19
14.6	14.7	14.3	37.1	37.0	35.1	7.4	7.6	7.4	24.2	24.3	23.6	15.5	14.6	14.5	20
48.5	48.3	47.8	148.3	148.4	142.8	29.6	29.6	28.4	94.1	92.5	89.6	125.8	119.3	118.4	21
4.0	4.0	3.9	12.8	12.8	12.3	2.4	2.4	2.3	8.3	8.1	7.8	12.7	10.8	11.5	22
29.5	29.2	28.8	83.3	83.5	80.2	20.0	19.9	19.0	53.8	52.4	51.0	54.5	52.6	51.5	23
270.4	264.4	267.3	741.3	737.8	728.5	168.2	169.9	165.7	595.5	598.3	576.7	534.7	521.3	510.3	24
10.8	10.8	10.7	32.5	32.0	31.1	6.0	6.0	5.7	24.2	24.5	23.9	17.3	17.2	16.5	25
7.9	7.9	8.8	7.2	7.4	7.1	1.2	1.2	1.2	6.8	6.8	6.4	5.5	5.2	5.2	26
5.1	5.2	5.0	14.8	15.0	14.6	2.8	2.9	2.7	11.9	11.6	11.2	8.6	8.1	8.6	27
11.6	11.7	12.0	30.7	31.2	29.3	7.2	7.3	7.0	22.3	22.3	21.2	42.5	42.7	44.8	28
5.7	5.8	5.7	12.3	12.4	11.9	1.9	2.0	1.9	10.7	10.7	10.6	10.5	10.3	10.1	29
5.0	4.9	5.0	18.8	18.8	17.9	2.5	2.5	2.4	14.3	14.5	13.5	8.4	7.8	8.6	30
111.6	110.1	110.1	321.1	316.4	320.3	89.1	89.8	89.2	247.4	248.1	242.7	217.7	213.3	205.5	31
55.5	55.6	55.6	158.4	157.9	156.1	33.5	34.1	33.5	137.5	136.8	133.9	94.0	92.8	89.0	32
6.1	6.0	6.1	17.0	16.9	16.9	4.3	4.4	4.1	15.0	15.1	14.5	11.3	10.8	10.3	33
5.9	6.0	6.0	15.2	15.1	14.9	2.5	2.5	2.5	12.1	11.8	11.8	8.8	8.8	9.0	34
5.9	5.9	5.9	18.8	18.7	18.9	3.6	3.6	3.5	13.0	12.7	12.5	13.3	13.3	13.2	35
5.7	5.5	5.5	19.6	19.4	18.9	2.6	2.6	2.5	13.0	12.9	12.7	11.3	10.9	10.4	36
15.0	15.2	14.9	59.7	59.1	58.7	14.0	14.1	13.9	50.7	50.4	49.8	47.9	47.4	46.0	37
14.5	14.7	14.4	58.9	58.2	57.2	13.9	14.0	13.8	49.0	48.4	47.2	43.8	43.2	41.8	38
30.4	30.6	28.5	117.3	117.9	114.9	24.0	24.2	23.6	69.8	70.8	69.0	123.1	116.5	115.1	39
5.1	5.1	4.7	14.8	14.9	14.4	3.1	3.1	3.0	8.8	8.7	8.6	27.0	25.7	24.6	40
5.6	5.6	5.3	18.4	18.4	17.8	5.5	5.5	5.1	10.1	10.1	10.1	23.6	21.5	21.6	41
4.1	4.1	4.0	17.3	17.2	16.8	3.6	3.6	3.5	10.3	10.3	10.1	9.2	8.2	8.9	42
10.2	10.1	10.4	42.6	43.1	42.5	7.0	7.0	6.9	26.2	26.7	25.9	44.1	44.7	44.3	43
2.8	2.8	2.9	9.7	9.8	9.3	2.0	2.0	1.9	5.5	5.7	5.2	4.0	4.1	4.0	44
61.4	60.5	59.0	233.7	233.7	221.4	49.2	49.2	47.4	156.8	156.3	148.9	200.7	199.7	187.8	45
6.0	5.7	5.5	22.3	21.9	20.7	6.0	6.0	5.7	14.6	14.0	13.9	14.6	13.2	13.9	46
7.0	7.1	6.8	27.8	28.0	26.9	4.4	4.4	4.4	16.9	16.9	16.2	24.0	22.9	23.5	47
17.8	17.9	17.3	60.0	60.7	58.4	12.3	12.4	12.2	35.4	35.3	33.4	41.7	39.0	40.3	48
12.2	12.0	11.7	42.1	42.1	40.4	12.7	12.6	12.1	31.4	31.1	30.5	29.8	29.7	29.1	49
237.7	238.2	229.7	756.3	756.2	728.3	162.6	163.5	155.1	449.4	454.1	430.3	542.8	528.1	514.7	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
	<b>TEXAS (continued)</b>												
1	Dallas .....	522.7	517.9	490.6	7.9	8.0	8.0	32.1	34.2	29.6	132.3	132.8	121.4
2	El Paso .....	-	-	-	-	-	-	-	-	-	19.5	19.0	16.8
3	Fort Worth .....	-	-	-	-	-	-	-	-	-	73.6	70.2	62.0
4	Houston .....	599.3	594.2	583.1	26.1	26.1	25.2	56.5	56.5	54.5	121.2	122.6	117.2
5	San Antonio .....	213.6	212.7	204.5	1.5	1.7	1.7	12.7	12.9	12.3	26.4	26.4	26.5
6	<b>UTAH</b> .....	326.0	321.2	312.6	12.1	11.9	12.2	18.1	18.5	18.3	51.4	51.0	51.3
7	Salt Lake City .....	172.5	171.5	168.5	7.0	7.0	7.0	10.4	11.1	10.4	28.0	28.1	28.3
8	<b>VERMONT</b> <sup>2</sup> .....	132.3	137.6	123.8	1.2	1.2	1.2	9.1	9.1	7.7	44.2	44.7	39.9
9	Burlington <sup>11</sup> .....	30.7	31.5	26.9	-	-	-	-	-	-	9.1	9.2	7.1
10	Springfield <sup>11</sup> .....	13.6	14.0	13.1	-	-	-	-	-	-	7.4	7.4	7.1
11	<b>VIRGINIA</b> <sup>4</sup> .....	1,296.9	1,286.4	1,233.1	15.6	15.7	15.2	98.6	102.3	95.5	342.6	341.7	328.3
12	Lynchburg .....	47.3	47.1	44.9	(1)	(1)	(1)	3.1	3.2	2.8	21.3	21.5	19.9
13	Newport News-Hampton .....	86.8	86.3	83.6	(1)	(1)	(1)	5.7	5.8	5.9	26.1	26.2	25.6
14	Norfolk-Portsmouth .....	180.8	180.2	172.7	.1	.1	.1	13.8	14.6	13.8	19.7	19.1	19.0
15	Richmond .....	210.6	209.3	201.0	.2	.2	.2	15.8	16.0	14.6	50.6	50.5	49.3
16	Roanoke .....	72.0	71.9	69.5	.1	.1	.1	5.1	5.3	5.0	17.2	17.1	16.8
17	<b>WASHINGTON</b> .....	1,026.0	1,003.4	927.3	2.0	1.9	2.0	62.1	62.6	53.4	282.2	279.6	238.2
18	Seattle-Everett .....	495.3	485.7	425.4	(1)	(1)	(1)	29.4	29.5	22.3	162.4	161.4	123.7
19	Spokane .....	80.4	79.0	77.4	(1)	(1)	(1)	4.9	5.0	3.9	13.0	13.4	13.0
20	Tacoma .....	95.6	94.3	88.7	(1)	(1)	(1)	5.5	5.6	5.2	19.8	19.9	18.7
21	<b>WEST VIRGINIA</b> .....	491.9	494.3	476.3	46.9	48.9	46.2	26.2	26.3	25.2	131.4	132.7	129.8
22	Charleston .....	83.0	83.6	78.6	3.4	3.4	3.3	4.0	4.0	3.6	22.7	22.6	20.4
23	Huntington-Ashland .....	78.6	79.2	77.2	.8	.8	.9	3.4	3.3	3.9	27.0	27.6	26.4
24	Wheeling .....	56.2	56.4	52.6	2.8	2.8	.5	4.2	4.3	3.6	16.9	16.8	16.9
25	<b>WISCONSIN</b> .....	1,422.3	1,407.6	1,368.6	3.2	3.3	3.1	73.0	74.9	67.7	518.2	517.0	506.0
26	Green Bay .....	47.6	47.9	45.1	(1)	(1)	(1)	3.0	3.1	2.3	15.9	16.2	15.5
27	Kenosha .....	35.9	31.3	37.2	(1)	(1)	(1)	1.4	1.4	1.5	18.3	13.9	20.0
28	La Crosse .....	27.9	27.9	26.6	(1)	(1)	(1)	1.3	1.3	1.1	9.6	9.8	9.1
29	Madison .....	104.4	100.7	97.5	(1)	(1)	(1)	7.3	7.7	6.8	15.9	16.1	14.8
30	Milwaukee .....	525.7	525.1	505.9	(1)	(1)	(1)	25.0	24.9	23.3	209.4	212.3	203.1
31	Racine .....	54.0	52.8	52.9	(1)	(1)	(1)	2.4	2.5	2.4	26.2	25.2	26.1
32	<b>WYOMING</b> .....	102.5	107.2	102.2	9.0	9.4	9.1	8.0	8.3	8.4	6.8	6.8	6.7
33	Casper .....	17.2	17.6	17.8	2.9	3.0	3.0	1.0	1.2	1.4	1.5	1.5	1.4
34	Cheyenne .....	17.9	17.9	17.8	(1)	(1)	(1)	1.6	1.6	1.3	.9	.9	.9

<sup>1</sup> Combined with service.

<sup>2</sup> Series revised to 1966 benchmark; not strictly comparable with previously published data.

<sup>3</sup> Combined with construction.

<sup>4</sup> Federal employment in Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.

<sup>5</sup> Not available.

<sup>6</sup> Initial inclusion in this publication. (See area definition on opposite page.)

<sup>7</sup> Combined with manufacturing.

<sup>8</sup> Area included in New York-Northeastern New Jersey Standard Consolidated Area.

<sup>9</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

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

<sup>11</sup> Total 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			Service and miscellaneous			Government			
Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	
43.0	43.2	39.0	142.7	142.5	133.8	40.3	40.6	39.8	71.2	70.2	68.6	53.2	46.4	50.4	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
59.4	58.5	59.0	159.6	159.2	155.9	30.2	30.4	29.8	81.0	81.1	79.5	65.3	59.8	62.0	4
10.2	10.1	9.7	54.4	54.1	53.3	13.5	13.5	13.1	30.0	30.2	29.2	64.9	63.8	58.7	5
21.8	22.0	21.8	71.1	71.1	69.5	13.1	13.2	13.0	45.1	44.6	44.3	93.3	88.9	82.2	6
14.2	14.3	14.1	45.5	45.4	44.0	10.1	10.1	10.0	25.9	25.6	24.6	31.4	29.9	30.1	7
7.5	7.6	7.2	23.7	24.2	23.0	4.6	4.7	4.4	22.8	27.1	22.2	19.4	19.3	18.4	8
1.7	1.7	1.6	6.0	6.0	5.7	-	-	-	-	-	-	-	-	-	9
.8	.8	.8	1.7	1.8	1.7	-	-	-	-	-	-	-	-	-	10
90.8	87.2	87.0	264.0	263.8	252.5	57.9	58.1	54.7	176.0	176.4	166.7	251.4	241.2	233.2	11
2.5	2.5	2.4	7.8	7.7	7.6	1.8	1.8	1.7	5.9	5.6	5.7	4.9	4.8	4.8	12
4.3	4.2	4.1	14.2	14.3	13.7	2.5	2.5	2.4	9.0	9.0	8.9	25.0	24.3	23.0	13
16.2	16.0	15.8	43.0	43.1	40.9	7.8	7.8	7.5	25.3	25.8	24.0	54.9	53.7	51.6	14
16.8	16.8	16.1	48.3	48.1	45.6	15.8	15.9	15.6	28.1	28.1	26.5	35.0	33.7	33.1	15
9.7	9.7	9.2	16.3	16.3	15.8	3.5	3.5	3.3	11.0	11.1	10.5	9.1	8.8	8.8	16
68.6	66.7	62.8	219.0	213.6	204.7	47.7	47.5	44.6	136.5	134.7	125.8	207.9	196.8	195.8	17
35.1	33.7	32.2	102.0	100.4	93.6	28.1	28.0	26.1	63.9	63.7	58.5	74.4	69.0	69.0	18
7.5	7.6	7.4	21.6	21.2	20.8	4.3	4.3	4.4	14.5	13.8	14.3	14.6	13.7	13.6	19
5.9	5.8	5.5	21.5	20.8	19.8	4.7	4.7	4.4	14.4	14.0	13.2	23.8	23.5	21.9	20
41.2	41.5	40.7	84.4	85.3	83.4	14.1	14.2	13.8	56.9	57.3	56.5	88.7	88.0	80.7	21
8.6	8.7	8.3	17.6	17.9	17.3	3.4	3.5	3.4	10.3	10.2	10.2	13.1	13.5	12.2	22
8.3	8.2	8.0	16.3	16.4	16.3	2.9	2.9	2.9	9.0	9.0	8.7	11.0	11.0	10.3	23
4.0	4.0	3.8	11.9	11.9	11.6	2.0	2.0	2.0	8.5	8.5	8.3	6.1	6.2	6.0	24
78.0	76.1	76.7	287.6	287.0	276.8	54.2	55.0	52.3	190.3	188.5	181.9	217.7	205.7	204.2	25
4.2	4.2	4.1	11.4	11.4	10.7	1.4	1.4	1.3	7.1	7.0	6.8	4.6	4.6	4.4	26
1.3	1.2	1.4	5.9	6.0	5.7	.7	.7	.7	4.9	4.8	4.8	3.3	3.3	3.3	27
2.1	2.1	2.1	6.2	6.2	5.9	.6	.6	.6	4.8	4.8	4.6	3.3	3.2	3.2	28
5.2	5.1	4.9	21.3	20.9	19.9	5.3	5.3	5.0	14.9	14.6	13.8	34.6	31.0	32.3	29
29.1	28.6	28.7	105.5	104.3	101.6	25.1	25.3	24.4	72.3	71.3	69.1	59.4	58.5	55.8	30
2.0	1.9	2.0	9.4	9.4	9.0	1.2	1.3	1.2	7.0	7.1	6.7	5.8	5.6	5.4	31
10.7	10.9	10.8	22.4	23.5	22.7	3.6	3.6	3.5	14.1	16.6	13.8	27.9	28.1	27.2	32
1.6	1.7	1.7	4.1	4.1	4.2	.8	.8	.8	2.0	2.1	2.2	3.3	3.2	3.1	33
2.7	2.7	2.8	3.7	3.7	4.1	1.0	1.0	1.0	2.8	2.9	2.5	5.2	5.1	5.2	34

Definition for new area:  
Springfield, Missouri.....Greene County.



**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**Table C-1: Gross hours and earnings of production workers on manufacturing payrolls  
1919 to date**

Year and month	Manufacturing			Durable goods			Nondurable goods		
	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
1919.....	\$21.84	46.3	\$0.472	-	-	-	-	-	-
1920.....	26.02	47.4	.549	-	-	-	-	-	-
1921.....	21.94	43.1	.509	-	-	-	-	-	-
1922.....	21.28	44.2	.482	-	-	-	-	-	-
1923.....	23.56	45.6	.516	\$25.42	-	-	\$21.50	-	-
1924.....	23.67	43.7	.541	25.48	-	-	21.63	-	-
1925.....	24.11	44.5	.541	26.02	-	-	21.99	-	-
1926.....	24.38	45.0	.542	26.23	-	-	22.29	-	-
1927.....	24.47	45.0	.544	26.28	-	-	22.55	-	-
1928.....	24.70	44.4	.556	26.86	-	-	22.42	-	-
1929.....	24.76	44.2	.560	26.84	-	-	22.47	-	-
1930.....	23.00	42.1	.546	24.42	-	-	21.40	-	-
1931.....	20.64	40.5	.509	20.98	-	-	20.09	-	-
1932.....	16.89	38.3	.441	15.99	32.5	\$0.492	17.26	41.9	\$0.412
1933.....	16.65	38.1	.437	16.20	34.7	.467	16.76	40.0	.419
1934.....	18.20	34.6	.526	18.59	33.8	.550	17.73	35.1	.505
1935.....	19.91	36.6	.544	21.24	37.2	.571	18.77	36.1	.520
1936.....	21.56	39.2	.550	23.72	40.9	.580	19.57	37.7	.519
1937.....	23.82	38.6	.617	26.61	39.9	.667	21.17	37.4	.566
1938.....	22.07	35.6	.620	23.70	34.9	.679	20.65	36.1	.572
1939.....	23.64	37.7	.627	26.19	37.9	.691	21.36	37.4	.571
1940.....	24.96	38.1	.655	28.07	39.2	.716	21.83	37.0	.590
1941.....	29.48	40.6	.726	33.56	42.0	.799	24.39	38.9	.627
1942.....	36.68	43.1	.851	42.17	45.0	.937	28.57	40.3	.709
1943.....	43.07	45.0	.957	48.73	46.5	1.048	33.45	42.5	.787
1944.....	45.70	45.2	1.011	51.38	46.5	1.105	36.38	43.1	.844
1945.....	44.20	43.5	1.016	48.36	44.0	1.099	37.48	42.3	.886
1946.....	43.32	40.3	1.075	46.22	40.4	1.144	40.30	40.5	.995
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.....	53.38	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.....	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1965.....	107.53	41.2	2.61	117.18	42.0	2.79	94.64	40.1	2.36
1965: October.....	109.03	41.3	2.64	118.72	42.1	2.82	95.68	40.2	2.38
November.....	109.71	41.4	2.65	119.43	42.2	2.83	96.32	40.3	2.39
December.....	110.92	41.7	2.66	120.98	42.6	2.84	96.96	40.4	2.40
1966: January.....	110.00	41.2	2.67	119.99	42.1	2.85	95.52	39.8	2.40
February.....	110.27	41.3	2.67	120.69	42.2	2.86	96.88	40.2	2.41
March.....	110.95	41.4	2.68	120.69	42.2	2.86	96.88	40.2	2.41
April.....	111.24	41.2	2.70	121.54	42.2	2.88	96.96	39.9	2.43
May.....	112.05	41.5	2.70	121.82	42.3	2.88	98.33	40.3	2.44
June.....	112.74	41.6	2.71	121.82	42.3	2.88	99.23	40.5	2.45
July.....	111.11	41.0	2.71	119.81	41.6	2.88	99.14	40.3	2.46
August.....	111.78	41.4	2.70	120.54	42.0	2.87	99.23	40.5	2.45
September.....	113.71	41.5	2.74	123.94	42.3	2.93	99.54	40.3	2.47
October.....	113.85	41.4	2.75	124.36	42.3	2.94	99.94	40.3	2.48

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the hours and earnings series. Data for the 2 most recent months are preliminary.

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
	<b>MINING</b>	\$136.16	\$133.73	\$131.58	\$126.26	\$124.23	\$3.13	\$3.11	\$3.06	\$2.95	\$2.93
10	METAL MINING	-	136.53	134.62	130.31	131.57	-	3.22	3.19	3.14	3.14
101	Iron ores	-	143.65	138.32	129.36	133.54	-	3.31	3.27	3.21	3.21
102	Copper ores	-	140.61	140.51	143.11	143.44	-	3.27	3.26	3.26	3.26
11,12	COAL MINING	-	150.96	149.33	143.24	135.29	-	3.70	3.66	3.46	3.46
12	Bituminous	-	154.09	152.44	146.30	137.90	-	3.74	3.70	3.50	3.50
	<b>CRUDE PETROLEUM AND NATURAL GAS</b>										
13	GAS	-	123.38	121.84	115.92	116.47	-	2.91	2.86	2.76	2.76
131,2	Crude petroleum and natural gas fields	-	129.34	125.96	123.42	125.14	-	3.17	3.11	3.04	3.03
138	Oil and gas field services	-	118.59	118.46	110.08	110.08	-	2.72	2.68	2.56	2.56
14	<b>QUARRYING AND NONMETALLIC MINING</b>	-	129.44	128.86	123.87	122.62	-	2.76	2.73	2.63	2.62
142	Crushed and broken stone	-	131.49	131.14	124.71	122.98	-	2.70	2.66	2.54	2.52
	<b>CONTRACT CONSTRUCTION</b>	152.46	152.05	149.38	144.39	138.75	3.96	3.97	3.89	3.77	3.75
15	GENERAL BUILDING CONTRACTORS	-	140.56	138.00	132.49	128.16	-	3.83	3.75	3.61	3.60
16	HEAVY CONSTRUCTION	-	156.51	152.34	149.53	139.44	-	3.70	3.61	3.51	3.46
161	Highway and street construction	-	157.47	153.47	151.36	139.26	-	3.62	3.52	3.44	3.38
162	Other heavy construction	-	155.86	151.44	147.24	139.52	-	3.82	3.73	3.60	3.55
17	SPECIAL TRADE CONTRACTORS	-	157.92	155.70	149.97	146.00	-	4.20	4.13	4.01	4.00
171	Plumbing, heating, and air conditioning	-	166.21	163.90	156.79	152.00	-	4.24	4.16	4.01	4.00
172	Painting, paperhanging, and decorating	-	145.52	143.08	141.66	139.62	-	4.02	3.92	3.86	3.90
173	Electrical work	-	183.92	180.45	176.01	166.06	-	4.68	4.58	4.49	4.44
174	Masonry, plastering, stone and tile work	-	142.96	143.72	137.11	134.59	-	4.12	4.06	3.94	3.89
176	Roofing and sheet metal work	-	129.17	128.16	127.78	122.85	-	3.68	3.60	3.52	3.50
	<b>MANUFACTURING</b>	113.85	113.71	111.78	109.03	107.83	2.75	2.74	2.70	2.64	2.63
19,24,25,32-39	DURABLE GOODS	124.36	123.94	120.54	118.72	117.18	2.94	2.93	2.87	2.82	2.81
20-23,26-31	NONDURABLE GOODS	99.94	99.54	99.23	95.68	95.68	2.48	2.47	2.45	2.38	2.38
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	138.67	136.95	134.82	134.73	131.99	3.24	3.23	3.21	3.17	3.15
192	Ammunition, except for small arms	138.27	136.70	135.88	139.73	135.43	3.30	3.31	3.29	3.28	3.24
1925	Guided missiles and spacecraft, complete	-	149.94	149.32	148.78	142.38	-	3.57	3.53	3.46	3.39
194	Sighting and fire control equipment	-	128.96	125.66	124.40	126.36	-	3.10	3.08	3.11	3.12
191,3,5,6,9	Other ordnance and accessories	140.54	139.02	133.72	124.10	125.24	3.13	3.11	3.06	2.92	2.94
	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b>	95.06	94.83	94.07	91.91	91.02	2.33	2.33	2.30	2.22	2.22
242	Sawmills and planing mills	87.91	87.26	87.72	84.26	84.25	2.16	2.16	2.15	2.05	2.06
2421	Sawmills and planing mills, general	-	89.42	89.91	86.30	86.28	-	2.23	2.22	2.11	2.12
243	Millwork, plywood, and related products	100.53	99.96	100.12	98.88	97.94	2.47	2.45	2.43	2.36	2.36
2431	Millwork	-	98.33	98.25	95.94	94.94	-	2.44	2.42	2.34	2.35
2432	Veneer and plywood	-	101.84	101.75	101.48	101.20	-	2.46	2.44	2.36	2.37
244	Wooden containers	77.00	77.19	76.91	75.96	73.44	1.86	1.86	1.84	1.80	1.80
2441,2	Wooden boxes, shooks, and crates	-	76.08	75.78	73.33	72.16	-	1.82	1.80	1.75	1.76
249	Miscellaneous wood products	88.18	88.38	87.77	86.32	86.53	2.13	2.14	2.12	2.07	2.09
25	<b>FURNITURE AND FIXTURES</b>	94.08	93.21	93.26	90.73	89.66	2.24	2.23	2.21	2.15	2.15
251	Household furniture	87.78	86.73	87.15	85.88	84.25	2.11	2.10	2.09	2.04	2.03
2511	Wood house furniture, upholstered	-	82.91	82.45	80.46	78.73	-	1.96	1.94	1.88	1.87
2512	Wood house furniture, upholstered	-	90.12	92.21	92.77	89.32	-	2.27	2.26	2.23	2.20
2515	Mattresses and bedsprings	-	96.46	96.12	94.94	97.11	-	2.37	2.35	2.31	2.34
252	Office furniture	-	115.01	115.02	106.75	107.20	-	2.65	2.62	2.50	2.47
254	Partitions; office and store fixtures	-	120.37	119.63	115.87	115.75	-	2.78	2.75	2.72	2.73
253,9	Other furniture and fixtures	100.30	101.01	99.36	93.68	92.99	2.36	2.36	2.30	2.22	2.23
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	116.20	116.05	115.75	112.94	112.10	2.76	2.75	2.73	2.67	2.65
321	Flat glass	-	154.26	152.44	152.76	154.66	-	3.53	3.57	3.62	3.58
322	Glass and glassware, pressed or blown	111.24	111.66	110.30	108.40	106.13	2.74	2.73	2.71	2.67	2.64
3221	Glass containers	-	113.16	112.75	109.48	107.06	-	2.76	2.75	2.71	2.69
3229	Pressed and blown glassware, n.e.c.	-	109.48	107.46	106.75	105.26	-	2.69	2.66	2.61	2.58
324	Cement, hydraulic	132.29	133.44	132.61	126.79	132.29	3.18	3.20	3.18	3.10	3.12
325	Structural clay products	99.29	97.99	98.12	95.72	95.95	2.41	2.39	2.37	2.29	2.29
3251	Brick and structural clay tile	-	93.66	94.78	91.16	91.37	-	2.23	2.23	2.13	2.12
326	Pottery and related products	-	100.04	98.50	97.12	95.76	-	2.52	2.50	2.41	2.40
327	Concrete, gypsum and plaster products	120.12	121.49	122.94	118.01	116.67	2.73	2.73	2.72	2.64	2.61
328,9	Other stone and mineral products	118.30	117.60	115.79	113.10	111.19	2.81	2.80	2.77	2.68	2.66
3291	Abrasive products	-	120.47	117.10	114.39	110.83	-	2.91	2.87	2.79	2.75

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry

SIC Code	Industry	Average weekly hours					Average overtime hours					
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	
	<b>MINING</b> . . . . .	43.5	43.0	43.0	42.8	42.4						
10	<b>METAL MINING</b> . . . . .	-	42.4	42.2	41.5	41.9						-
101	Iron ores . . . . .	-	43.4	42.3	40.3	41.6						-
102	Copper ores . . . . .	-	43.0	43.1	43.9	44.0						-
11,12,	<b>COAL MINING</b> . . . . .		40.8	40.8	41.4	39.1						-
12	Bituminous . . . . .		41.2	41.2	41.8	39.4						-
	<b>CRUDE PETROLEUM AND NATURAL GAS</b> . . . . .		42.4	42.6	42.0	42.2						
13	Crude petroleum and natural gas fields . . . . .		40.8	40.5	40.6	41.3						
131,2	Oil and gas field services . . . . .		43.6	44.2	43.0	43.0						
138	<b>QUARRYING AND NONMETALLIC MINING</b> . . . . .		46.9	47.2	47.1	46.8						
14	Crushed and broken stone . . . . .		48.7	49.3	49.1	48.8						
142												
	<b>CONTRACT CONSTRUCTION</b> . . . . .	38.5	38.3	38.4	38.3	37.0						
15	<b>GENERAL BUILDING CONTRACTORS</b> . . . . .	-	36.7	36.8	36.7	35.6						
16	<b>HEAVY CONSTRUCTION</b> . . . . .	-	42.3	42.2	42.6	40.3						
161	Highway and street construction . . . . .	-	43.5	43.6	44.0	41.2						
162	Other heavy construction . . . . .	-	40.8	40.6	40.9	39.3						
17	<b>SPECIAL TRADE CONTRACTORS</b> . . . . .	-	37.6	37.7	37.4	36.5						
171	Plumbing, heating, and air conditioning . . . . .	-	39.2	39.4	39.1	38.0						
172	Painting, paperhanging, and decorating . . . . .	-	36.2	36.5	36.7	35.8						
173	Electrical work . . . . .	-	39.3	39.4	39.2	37.4						
174	Masonry, plastering, stone and tile work . . . . .	-	34.7	35.4	34.8	34.6						
176	Roofing and sheet metal work . . . . .	-	35.1	35.6	36.3	35.1						-
	<b>MANUFACTURING</b> . . . . .	41.4	41.5	41.4	41.3	41.0	4.1	4.2	4.0	3.9	3.8	
19,24,25,32-39	<b>DURABLE GOODS</b> . . . . .	42.3	42.3	42.0	42.1	41.7	4.5	4.6	4.3	4.2	4.0	
20-23,26-31	<b>NONDURABLE GOODS</b> . . . . .	40.3	40.3	40.5	40.2	40.2	3.5	3.7	3.5	3.4	3.5	
	<i>Durable Goods</i>											
19	<b>ORDNANCE AND ACCESSORIES</b> . . . . .	42.8	42.4	42.0	42.5	41.9		4.2	4.1	3.7	3.4	
192	Ammunition, except for small arms . . . . .	41.9	41.3	41.3	42.6	41.8		3.4	3.5	3.6	3.3	
1925	Guided missiles and spacecraft, complete . . . . .		42.0	42.3	43.0	42.0		-	-	-	-	
194	Sighting and fire control equipment . . . . .		41.6	40.8	40.0	40.5		3.4	3.0	2.5	1.8	
191,3,5,6,9	Other ordnance and accessories . . . . .	44.9	44.7	43.7	42.5	42.6		6.0	5.6	4.1	3.9	
	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> . . . . .	40.8	40.7	40.9	41.4	41.0		3.8	4.1	4.1	4.0	
24	Sawmills and planing mills . . . . .	40.7	40.4	40.8	41.1	40.9		3.7	4.1	4.0	4.0	
242	Sawmills and planing mills, general . . . . .		40.1	40.5	40.9	40.7		-	-	-	-	
243	Millwork, plywood, and related products . . . . .	40.7	40.8	41.2	41.9	41.5		3.5	3.9	4.3	4.1	
2431	Millwork . . . . .		40.3	40.6	41.0	40.4		-	-	-	-	
2432	Veneer and plywood . . . . .		41.4	41.7	43.0	42.7		-	-	-	-	
244	Wooden containers . . . . .	41.4	41.5	41.8	42.2	40.8		4.1	4.6	4.4	3.7	
2441,2	Wooden boxes, shoo, and crates . . . . .		41.8	42.1	41.9	41.0		-	-	-	-	
249	Miscellaneous wood products . . . . .	41.4	41.3	41.4	41.7	41.4		4.1	4.1	3.9	3.9	
25	<b>FURNITURE AND FIXTURES</b> . . . . .	42.0	41.8	42.2	42.2	41.7		4.3	4.2	4.2	3.9	
251	Household furniture . . . . .	41.6	41.3	41.7	42.1	41.5		4.1	3.9	4.2	3.8	
2511	Wood house furniture, upholstered . . . . .		42.3	42.5	42.8	42.1		-	-	-	-	
2512	Wood house furniture, upholstered . . . . .		39.7	40.8	41.6	40.6		-	-	-	-	
2515	Mattresses and bedsprings . . . . .		40.7	40.9	41.1	41.5		-	-	-	-	
252	Office furniture . . . . .		43.4	43.9	42.7	43.4		5.0	5.2	4.0	4.2	
254	Partitions; office and store fixtures . . . . .		43.3	43.5	42.6	42.4		5.5	5.4	4.9	4.8	
253,9	Other furniture and fixtures . . . . .	42.5	42.8	43.2	42.2	41.7		4.9	5.0	4.0	4.0	
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . . . .	42.1	42.2	42.4	42.3	42.3		4.7	4.8	4.7	4.6	
321	Flat glass . . . . .		43.7	42.7	42.2	43.2		3.9	4.0	4.9	5.0	
322	Glass and glassware, pressed or blown . . . . .	40.6	40.9	40.7	40.6	40.2		4.2	4.1	4.2	4.6	
3221	Glass containers . . . . .		41.0	41.0	40.4	39.8		-	-	-	-	
3229	Pressed and blown glassware, n.e.c. . . . .		40.7	40.4	40.9	40.8		-	-	-	-	
324	Cement, hydraulic . . . . .	41.6	41.7	41.7	40.9	42.4		3.0	3.0	1.9	2.9	
325	Structural clay products . . . . .	41.2	41.0	41.4	41.8	41.9		3.6	3.7	3.8	4.1	
3251	Brick and structural clay tile . . . . .		42.0	42.5	42.8	43.1		-	-	-	-	
326	Pottery and related products . . . . .		39.7	39.4	40.3	39.9		2.7	2.7	2.6	2.7	
327	Concrete, gypsum and plaster products . . . . .	44.0	44.5	45.2	44.7	44.7		7.0	7.3	6.8	6.3	
328,9	Other stone and mineral products . . . . .	42.1	42.0	41.8	42.2	41.8		4.2	4.2	4.0	3.7	
3291	Abrasive products . . . . .		41.4	40.8	41.0	40.3		-	-	-	-	

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



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
	<i>Durable Goods--Continued</i>										
33	<b>PRIMARY METAL INDUSTRIES</b> . . . . .	42.2	42.5	42.1	40.9	41.7		4.5	4.1	3.4	3.8
331	Blast furnace and basic steel products . .	41.0	41.5	41.2	38.6	40.2		3.4	3.0	1.6	2.5
3312	Blast furnaces, steel and rolling mills . .	-	41.2	40.9	38.2	39.9		-	-	-	-
332	Iron and steel foundries . . . . .	43.2	43.1	42.8	43.4	43.6		5.4	5.1	5.7	5.7
3321	Gray iron foundries . . . . .	-	43.5	43.2	43.6	44.0		-	-	-	-
3322	Malleable iron foundries . . . . .	-	41.9	41.5	42.1	41.6		-	-	-	-
3323	Steel foundries . . . . .	-	42.9	42.6	43.5	43.6		-	-	-	-
333,4	Nonferrous smelting and refining . . . . .	42.2	42.3	42.0	41.9	42.5		4.4	4.2	3.6	4.1
335	Nonferrous rolling, drawing, and extruding.	44.1	44.6	44.1	43.6	44.0		6.3	6.0	5.4	5.7
3351	Copper rolling, drawing, and extruding . .	-	45.5	45.0	43.6	44.7		-	-	-	-
3352	Aluminum rolling, drawing, and extruding	-	43.6	43.6	43.0	43.5		-	-	-	-
3357	Nonferrous wire drawing and insulating . .	-	45.1	44.4	44.2	43.9		-	-	-	-
336	Nonferrous foundries . . . . .	42.5	42.8	42.0	41.5	42.0		5.4	4.4	4.0	3.4
3361	Aluminum castings . . . . .	-	42.4	41.5	41.7	41.2		-	-	-	-
3362,9	Other nonferrous castings . . . . .	-	43.2	42.5	42.2	41.8		-	-	-	-
339	Miscellaneous primary metal industries . .	43.5	43.5	42.7	44.0	43.5		6.4	5.4	6.0	5.6
3391	Iron and steel forgings . . . . .	-	43.0	42.1	43.7	43.4		-	-	-	-
34	<b>FABRICATED METAL PRODUCTS</b> . . . . .	42.6	42.8	42.4	42.5	41.9		4.9	4.7	4.5	4.2
341	Metal cans . . . . .	42.3	43.8	44.7	42.0	41.5		5.0	5.6	3.6	4.3
342	Cutlery, hand tools, and general hardware .	42.0	41.8	41.6	41.9	41.6		3.9	3.5	3.7	3.3
3421,3,5	Cutlery and hand tools, including saws . .	-	42.2	41.8	41.9	41.4		-	-	-	-
3429	Hardware, n.e.c. . . . .	-	41.5	41.4	42.0	41.7		-	-	-	-
343	Heating equipment and plumbing fixtures . .	41.6	41.2	41.2	41.2	40.2		3.3	3.0	3.2	2.9
3431,2	Sanitary ware and plumbers' brass goods .	-	41.1	41.0	41.2	40.5		-	-	-	-
3433	Heating equipment, except electric . . . .	-	41.3	41.3	41.2	39.9		-	-	-	-
344	Fabricated structural metal products . . . .	42.2	42.3	42.2	42.4	41.9		4.4	4.4	4.4	4.1
3441	Fabricated structural steel . . . . .	-	42.5	42.6	42.2	42.3		-	-	-	-
3442	Metal doors, sash, frames, and trim . . . .	-	40.7	40.8	42.5	40.8		-	-	-	-
3443	Fabricated plate work (boiler shops) . . . .	-	43.0	42.2	42.7	42.4		-	-	-	-
3444	Sheet metal work . . . . .	-	42.3	42.1	42.3	41.4		-	-	-	-
3446,9	Architectural and misc. metal work . . . .	-	42.2	43.2	42.3	42.1		-	-	-	-
345	Screw machine products, bolts, etc. . . . .	45.2	45.4	44.1	44.0	43.5		7.3	6.5	5.9	5.4
3451	Screw machine products . . . . .	-	45.1	44.4	43.1	42.6		-	-	-	-
3452	Bolts, nuts, screws, rivets, and washers .	-	45.6	43.8	44.8	44.4		-	-	-	-
346	Metal stampings . . . . .	43.6	43.8	42.9	43.4	42.6		6.0	5.4	5.5	5.0
347	Coating, engraving, and allied services . .	42.1	42.5	42.3	41.7	41.5		5.5	5.1	4.7	4.6
348	Miscellaneous fabricated wire products . . .	41.7	42.2	41.9	41.9	41.7		4.7	4.4	4.3	3.7
349	Miscellaneous fabricated metal products . .	42.1	42.5	42.2	41.9	41.7		4.5	4.3	3.9	3.7
3494,8	Valves, pipe, and pipe fittings . . . . .	-	42.9	42.5	41.9	42.2		-	-	-	-
35	<b>MACHINERY</b> . . . . .	43.7	43.9	43.5	43.3	42.8		5.7	5.4	4.9	4.5
351	Engines and turbines . . . . .	42.3	42.8	42.9	42.0	41.8		5.8	6.0	4.4	4.5
3511	Steam engines and turbines . . . . .	-	43.6	44.2	42.9	42.5		-	-	-	-
3519	Internal combustion engines, n.e.c. . . . .	-	42.4	42.4	41.6	41.5		-	-	-	-
352	Farm machinery and equipment . . . . .	-	42.2	41.2	41.5	41.6		4.2	3.4	2.8	2.9
353	Construction and related machinery . . . . .	42.4	42.9	42.9	43.3	42.5		4.6	4.9	4.7	4.2
3531,2	Construction and mining machinery . . . .	-	42.5	42.7	42.7	41.9		-	-	-	-
3533	Oil field machinery and equipment . . . . .	-	41.8	42.1	43.5	42.8		-	-	-	-
3535,6	Conveyors, hoists, and industrial cranes . .	-	44.9	44.3	44.8	43.5		-	-	-	-
354	Metalworking machinery and equipment . . .	46.1	46.1	45.4	45.0	44.4		7.6	7.1	6.4	6.1
3541	Machine tools, metal cutting types . . . . .	-	47.4	45.9	45.1	44.8		-	-	-	-
3544	Special dies, tools, jigs, and fixtures . . .	-	46.4	46.1	46.2	44.8		-	-	-	-
3545	Machine tool accessories . . . . .	-	46.1	45.5	44.4	44.1		-	-	-	-
3542,8	Miscellaneous metalworking machinery . . .	-	44.3	43.8	43.4	43.5		-	-	-	-
355	Special industry machinery . . . . .	44.0	44.4	43.8	43.4	43.3		5.9	5.4	5.1	4.8
3551	Food products machinery . . . . .	-	43.9	43.8	42.5	42.9		-	-	-	-
3552	Textile machinery . . . . .	-	43.7	43.4	43.1	43.2		-	-	-	-
3555	Printing trades machinery . . . . .	-	43.9	43.2	43.2	42.6		-	-	-	-
356	General industrial machinery . . . . .	44.2	44.5	44.1	43.2	42.8		-	6.1	5.6	4.8
3561	Pumps; air and gas compressors . . . . .	-	44.9	44.3	43.3	42.6		-	-	-	-
3562	Ball and roller bearings . . . . .	-	44.9	44.6	43.4	44.0		-	-	-	-
3566	Mechanical power transmission goods . . .	-	44.8	44.0	44.0	42.7		-	-	-	-
357	Office, computing, and accounting machines	42.5	42.6	41.9	42.7	42.2		-	3.9	3.5	4.0
3571	Computing machines and cash registers . .	-	42.2	41.6	42.9	42.3		-	-	-	-
358	Service industry machines . . . . .	41.5	41.7	41.5	41.4	40.5		-	3.3	3.7	3.1
3585	Refrigeration, except home refrigerators .	-	41.1	40.8	41.0	39.9		-	-	-	-
359	Miscellaneous machinery . . . . .	44.5	44.5	44.0	43.9	42.7		6.6	6.3	5.7	4.8

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



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
	<i>Durable Goods--Continued</i>										
	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>										
36	SUPPLIES	41.4	41.4	41.1	41.2	40.8		3.7	3.2	3.2	3.1
361	Electric distribution equipment	42.8	42.9	41.9	41.7	41.3		4.5	3.7	3.5	3.1
3611	Electric measuring instruments	-	41.5	39.9	40.5	40.4		-	-	-	-
3612	Power and distribution transformers	-	43.4	43.5	42.6	42.1		-	-	-	-
3613	Switchgear and switchboard apparatus	-	43.9	42.6	42.1	41.6		-	-	-	-
362	Electrical industrial apparatus	42.3	42.6	42.2	41.7	41.6		4.8	4.3	3.5	3.6
3621	Motors and generators	-	42.9	42.3	41.8	41.8		-	-	-	-
3622	Industrial controls	-	42.2	41.7	41.3	41.3		-	-	-	-
363	Household appliances	42.1	42.1	41.9	42.0	40.9		4.1	3.8	3.8	3.2
3632	Household refrigerators and freezers	-	42.8	42.6	43.0	40.7		-	-	-	-
3633	Household laundry equipment	-	41.8	42.4	42.3	40.8		-	-	-	-
3634	Electric housewares and fans	-	41.0	40.7	41.4	40.8		-	-	-	-
364	Electric lighting and wiring equipment	40.8	41.1	41.1	41.0	40.8		3.3	3.2	3.1	2.9
3641	Electric lamps	-	41.1	40.8	41.2	40.9		-	-	-	-
3642	Lighting fixtures	-	40.8	41.3	40.8	40.6		-	-	-	-
3643,4	Wiring devices	-	41.4	41.0	41.1	40.9		-	-	-	-
365	Radio and TV receiving sets	40.3	40.1	40.5	40.1	39.7		3.3	2.9	3.1	3.2
366	Communication equipment	42.2	42.1	41.1	41.7	41.3		3.9	2.9	3.2	3.3
3661	Telephone and telegraph apparatus	-	41.4	40.5	41.6	41.5		-	-	-	-
3662	Radio and TV communication equipment	-	42.5	41.4	41.7	41.2		-	-	-	-
367	Electronic components and accessories	40.0	40.1	40.1	40.4	40.1		2.7	2.7	2.5	2.8
3671-3	Electron tubes	-	42.7	42.9	42.6	41.5		-	-	-	-
3674,9	Electronic components, n.e.c.	-	39.5	39.5	40.0	39.7		-	-	-	-
369	Misc. electrical equipment and supplies	41.8	41.6	40.4	41.5	40.7		3.5	3.1	3.6	2.9
3694	Electrical equipment for engines	-	41.2	38.9	40.6	40.0		-	-	-	-
	<b>TRANSPORTATION EQUIPMENT</b>										
37	Motor vehicles and equipment	42.9	42.7	42.1	43.4	41.8		5.0	4.8	5.3	4.4
371	Motor vehicles	43.3	43.0	41.6	44.7	42.3		5.4	5.0	6.6	5.0
3711	Passenger car bodies	-	43.6	39.9	46.3	42.4		-	-	-	-
3712	Truck and bus bodies	-	39.6	42.6	41.4	35.5		-	-	-	-
3713	Motor vehicle parts and accessories	-	42.9	42.9	41.8	41.0		-	-	-	-
3714	Aircraft and parts	-	43.1	42.4	44.3	43.7		-	-	-	-
372	Aircraft	43.3	43.4	43.4	42.3	41.5		5.1	5.2	4.0	3.7
3721	Aircraft engines and engine parts	-	42.6	43.0	41.8	40.8		-	-	-	-
3722	Other aircraft parts and equipment	-	43.9	43.4	42.3	42.0		-	-	-	-
3723,9	Ship and boat building and repairing	-	44.8	44.4	43.4	42.5		-	-	-	-
373	Ship building and repairing	41.0	40.6	40.8	41.4	40.7		3.7	3.9	4.1	3.9
3731	Ship building and repairing	-	40.5	41.0	41.5	41.1		-	-	-	-
3732	Boat building and repairing	-	41.0	40.2	40.7	38.6		-	-	-	-
374	Railroad equipment	-	40.6	40.4	39.7	40.2		3.0	3.5	2.2	2.6
375,9	Other transportation equipment	-	41.0	40.7	41.5	41.6		3.5	3.1	3.7	3.8
	<b>INSTRUMENTS AND RELATED PRODUCTS</b>										
38	Engineering and scientific instruments	42.3	42.2	41.7	41.9	41.6		3.9	3.5	3.5	3.4
381	Mechanical measuring and control devices	-	43.2	42.3	41.6	41.6		4.3	3.9	3.8	3.9
382	Mechanical measuring devices	42.5	42.2	41.6	41.7	41.8		4.3	3.8	3.5	3.4
3821	Automatic temperature controls	-	43.1	42.7	41.9	42.0		-	-	-	-
3822	Optical and ophthalmic goods	-	40.8	40.1	41.3	41.4		-	-	-	-
383,5	Ophthalmic goods	41.7	41.7	41.5	42.0	42.0		3.5	3.1	2.9	3.0
385	Surgical, medical, and dental equipment	-	40.9	40.7	41.2	41.3		3.0	2.5	2.5	2.7
384	Photographic equipment and supplies	40.5	41.0	40.3	40.5	40.0		2.9	2.7	2.5	2.3
386	Watches and clocks	(*)	43.5	42.8	43.9	43.1		4.9	4.1	4.8	4.5
387	Watches and clocks	-	41.1	41.2	40.8	39.7		2.7	2.6	3.0	2.7
	<b>MISC. MANUFACTURING INDUSTRIES</b>										
39	Jewelry, silverware, and plated ware	40.2	40.0	40.1	40.4	40.0		3.3	3.1	3.3	3.0
391	Toys, amusement, and sporting goods	42.2	41.9	41.5	41.9	41.3		4.9	4.6	4.9	3.7
394	Toys, games, dolls, and play vehicles	-	39.6	39.7	40.1	39.6		3.2	3.1	3.3	3.1
3941-3	Sporting and athletic goods, n.e.c.	-	39.1	39.5	40.2	39.5		-	-	-	-
3949	Pens, pencils, office and art materials	-	40.4	40.1	40.0	39.7		-	-	-	-
395	Costume jewelry, buttons, and notions	-	40.4	40.2	41.3	40.8		2.7	2.4	3.0	2.8
396	Other manufacturing industries	-	39.6	39.8	39.2	39.6		2.9	2.9	2.7	2.4
393,8,9	Musical instruments and parts	40.4	40.0	40.1	40.6	40.1		3.3	2.9	3.1	2.9
393	Musical instruments and parts	-	40.8	41.0	42.1	41.2		3.6	2.9	3.9	3.2
	<i>Nondurable Goods</i>										
20	Meat products	41.0	41.8	41.5	41.4	41.4		4.4	4.0	4.0	4.2
201	Meat packing	42.0	42.3	40.9	41.4	42.0		5.2	4.2	4.4	5.0
2011	Sausages and other prepared meats	-	43.1	41.5	42.0	43.2		-	-	-	-
2013	Poultry dressing and packing	-	41.8	41.2	41.0	41.8		-	-	-	-
2015	Poultry dressing and packing	-	41.0	39.7	40.4	39.4		-	-	-	-

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





**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products . . . . .	41.8	42.5	42.5	42.0	42.4	3.9	3.9	3.5	3.9	
2024	Ice cream and frozen desserts . . . . .	-	40.6	40.7	39.7	40.7	-	-	-	-	
2026	Fluid milk . . . . .	-	42.9	42.7	42.4	43.0	-	-	-	-	
203	Canned and preserved food, except meats . . . . .	-	41.2	40.9	40.2	39.5	3.5	3.4	2.9	3.2	
2031,6	Canned, cured and frozen sea foods . . . . .	-	32.5	37.0	37.3	34.5	-	-	-	-	
2032,3	Canned food, except sea foods . . . . .	-	43.5	41.5	41.3	40.6	-	-	-	-	
2037	Frozen food, except sea foods . . . . .	-	39.9	41.8	39.1	39.5	-	-	-	-	
204	Grain mill products . . . . .	45.4	46.2	45.2	46.1	46.4	8.4	7.0	7.6	8.1	
2041	Flour and other grain mill products . . . . .	-	47.2	45.5	47.4	48.0	-	-	-	-	
2042	Prepared feeds for animals and fowls . . . . .	-	47.4	46.7	47.1	47.8	-	-	-	-	
205	Bakery products . . . . .	40.5	40.6	40.8	41.1	40.5	3.7	3.8	4.0	3.6	
2051	Bread, cake, and perishable products . . . . .	-	40.9	41.1	40.7	40.8	-	-	-	-	
2052	Biscuit, crackers, and pretzels . . . . .	-	39.3	39.8	42.8	39.8	-	-	-	-	
206	Sugar . . . . .	-	41.7	42.2	38.6	42.4	4.2	4.0	3.9	5.2	
207	Confectionery and related products . . . . .	(*)	40.4	40.3	40.0	40.9	3.0	2.9	3.0	3.4	
2071	Candy and other confectionery products . . . . .	-	40.1	39.8	39.7	40.6	-	-	-	-	
208	Beverages . . . . .	40.1	40.8	41.8	40.4	40.6	3.9	4.2	3.5	3.4	
2082	Malt liquors . . . . .	-	40.5	41.0	39.3	39.9	-	-	-	-	
2086	Bottled and canned soft drinks . . . . .	-	41.9	43.5	40.7	42.1	-	-	-	-	
209	Miscellaneous food and kindred products . . . . .	42.6	42.5	41.8	43.0	42.7	5.1	4.2	4.6	4.5	
21	<b>TOBACCO MANUFACTURERS . . . . .</b>	38.7	39.8	38.1	39.2	39.5	1.5	1.7	1.3	1.5	
211	Cigarettes . . . . .	-	39.2	39.3	37.4	36.4	1.8	2.2	1.0	.7	
212	Cigars . . . . .	-	36.5	36.3	38.9	38.3	.9	1.2	1.7	1.3	
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	41.7	41.9	42.1	42.1	41.6	4.4	4.4	4.5	4.5	
221	Cotton broad woven fabrics . . . . .	42.9	43.1	42.9	43.1	42.5	5.2	5.1	5.0	5.3	
222	Silk and synthetic broad woven fabrics . . . . .	42.7	42.7	43.8	43.7	43.4	4.6	5.2	5.3	5.7	
223	Weaving and finishing broad woolsens . . . . .	41.6	42.0	42.8	42.1	42.5	4.3	4.3	4.1	4.7	
224	Narrow fabrics and smallwares . . . . .	41.6	41.9	42.1	41.5	41.0	4.3	3.9	4.1	3.5	
225	Knitting . . . . .	39.0	39.1	39.7	39.5	39.0	2.8	3.1	3.1	2.9	
2251	Women's full and knee length hosiery . . . . .	-	39.1	40.1	40.1	39.0	-	-	-	-	
2252	All other hosiery . . . . .	-	37.8	38.9	38.9	38.0	-	-	-	-	
2253	Knit outerwear . . . . .	-	37.9	38.9	38.3	38.3	-	-	-	-	
2254	Knit underwear . . . . .	-	39.6	39.5	39.3	38.6	-	-	-	-	
226	Finishing textiles, except wool and knit . . . . .	43.0	42.8	42.6	42.8	42.0	5.0	4.8	4.8	4.5	
227	Floor covering . . . . .	-	42.6	42.5	43.5	43.7	5.3	4.9	5.6	5.6	
228	Yarn and thread . . . . .	41.9	42.6	42.7	43.0	42.4	5.0	4.9	5.0	4.9	
229	Miscellaneous textile goods . . . . .	43.1	43.2	42.9	42.9	42.3	5.1	4.7	5.1	4.8	
23	<b>APPAREL AND RELATED PRODUCTS . . . . .</b>	36.8	35.7	36.9	36.3	36.2	1.5	1.7	1.6	1.5	
231	Men's and boys' suits and coats . . . . .	38.7	37.8	39.1	38.0	37.8	1.8	1.8	1.7	1.7	
232	Men's and boys' furnishings . . . . .	37.3	37.1	37.8	37.7	37.6	1.4	1.5	1.5	1.3	
2321	Men's and boys' shirts and nightwear . . . . .	-	37.0	37.7	38.0	37.6	-	-	-	-	
2327	Men's and boys' separate trousers . . . . .	-	37.4	38.1	37.2	37.4	-	-	-	-	
2328	Work clothing . . . . .	-	37.1	37.4	37.9	37.7	-	-	-	-	
233	Women's, misses', and juniors' outerwear . . . . .	34.1	32.7	34.7	33.2	33.4	1.2	1.4	1.3	1.1	
2331	Women's blouses, waists, and shirts . . . . .	-	33.3	34.3	34.1	34.3	-	-	-	-	
2335	Women's, misses', and juniors' dresses . . . . .	-	32.1	33.9	31.8	32.4	-	-	-	-	
2337	Women's suits, skirts, and coats . . . . .	-	31.3	35.4	33.7	33.6	-	-	-	-	
2339	Women's and misses' outerwear, n.e.c. . . . .	-	35.8	36.7	36.1	35.3	-	-	-	-	
234	Women's and children's undergarments . . . . .	38.1	37.1	37.6	37.4	37.3	2.0	1.9	1.9	1.9	
2341	Women's and children's underwear . . . . .	-	37.5	37.8	37.7	37.6	-	-	-	-	
2342	Corsets and allied garments . . . . .	-	36.3	37.4	36.7	36.8	-	-	-	-	
235	Hats, caps, and millinery . . . . .	-	35.1	37.5	36.1	36.7	1.3	1.7	1.3	1.2	
236	Girls' and children's outerwear . . . . .	36.3	34.5	36.7	36.1	35.7	1.5	1.8	1.4	1.3	
2361	Children's dresses, blouses, and shirts . . . . .	-	33.5	35.8	36.3	34.8	-	-	-	-	
237,8	Fur goods and miscellaneous apparel . . . . .	-	36.3	37.3	37.1	36.8	1.7	1.6	1.9	1.7	
239	Miscellaneous fabricated textile products . . . . .	39.7	38.2	38.5	39.0	38.6	2.4	2.4	2.6	2.0	
2391,2	Housefurnishings . . . . .	-	38.6	38.5	39.2	38.8	-	-	-	-	
26	<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	43.5	43.7	43.6	43.7	43.3	5.9	5.6	5.8	5.7	
261,2,6	Paper and pulp . . . . .	44.9	44.9	44.9	44.9	44.8	6.7	6.4	6.4	6.6	
263	Paperboard . . . . .	45.0	44.9	44.7	45.7	44.8	7.4	7.4	7.9	8.4	
264	Converted paper and paperboard products . . . . .	42.1	42.3	42.2	41.8	41.4	4.6	4.3	4.0	3.7	
2643	Bags, except textile bags . . . . .	-	41.6	41.2	41.1	40.7	-	-	-	-	
265	Paperboard containers and boxes . . . . .	42.7	43.1	42.9	43.2	42.7	5.7	5.0	5.7	5.3	
2651,2	Folding and setup paperboard boxes . . . . .	-	41.6	41.8	42.0	41.3	-	-	-	-	
2653	Corrugated and solid fiber boxes . . . . .	-	44.3	44.0	44.6	44.2	-	-	-	-	

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
<i>Non-durable Goods--Continued</i>											
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>											
27	INDUSTRIES	\$124.73	\$125.44	\$122.85	\$119.66	\$120.59	\$3.19	\$3.20	\$3.15	\$3.10	\$3.10
271	Newspaper publishing and printing	128.08	127.72	125.17	122.33	122.30	3.49	3.48	3.42	3.37	3.36
272	Periodical publishing and printing	-	141.04	132.93	127.75	131.05	-	3.35	3.25	3.17	3.22
273	Books	-	117.74	115.78	111.51	114.93	-	2.81	2.75	2.70	2.73
275	Commercial printing	128.40	128.64	127.20	122.14	123.47	3.21	3.20	3.18	3.10	3.11
2751	Commercial printing, except litho	-	125.37	123.64	119.65	120.17	-	3.15	3.13	3.06	3.05
2752	Commercial printing, lithographic	-	135.96	133.74	128.15	130.33	-	3.30	3.27	3.18	3.21
278	Bookbinding and related industries	96.38	94.28	93.60	91.72	92.19	2.44	2.43	2.40	2.37	2.37
274,6,7,9	Other publishing and printing industries	125.65	126.81	124.16	122.38	121.99	3.23	3.26	3.20	3.13	3.12
<b>CHEMICALS AND ALLIED PRODUCTS INDUSTRIES</b>											
28	INDUSTRIES	127.56	127.14	125.70	122.06	123.65	3.03	3.02	3.00	2.92	2.93
281	Industrial chemicals	(*)	141.62	140.53	137.34	140.15	(*)	3.34	3.33	3.27	3.29
2812	Alkalies and chlorine	-	135.96	136.29	132.89	137.76	-	3.30	3.30	3.21	3.28
2818	Industrial organic chemicals, n.e.c.	-	152.22	150.30	146.20	147.23	-	3.54	3.52	3.44	3.44
2819	Industrial inorganic chemicals, n.e.c.	-	136.18	133.63	131.52	136.31	-	3.25	3.22	3.20	3.23
282	Plastics materials and synthetics	125.76	125.63	125.50	120.69	123.69	2.98	2.97	2.96	2.86	2.89
2821	Plastics materials and resins	-	138.79	136.84	133.93	134.77	-	3.14	3.11	3.03	3.07
2823,4	Synthetic fibers	-	112.20	112.75	108.12	112.83	-	2.75	2.75	2.65	2.68
283	Drugs	115.06	113.96	111.23	108.79	107.18	2.82	2.80	2.76	2.66	2.64
2834	Pharmaceutical preparations	-	107.59	105.99	104.52	103.48	-	2.71	2.69	2.60	2.60
284	Soap, cleaners, and toilet goods	123.06	123.06	122.93	115.90	116.62	2.93	2.93	2.92	2.82	2.81
2841	Soap and detergents	-	150.77	152.86	140.03	143.52	-	3.49	3.49	3.35	3.33
2844	Toilet preparations	-	101.19	97.51	95.18	93.30	-	2.45	2.39	2.35	2.35
285	Paints, varnishes, and allied products	119.65	119.70	118.58	113.44	114.68	2.89	2.85	2.83	2.74	2.75
287	Agricultural chemicals	105.65	105.15	103.39	100.01	101.76	2.48	2.48	2.45	2.37	2.40
2871,2	Fertilizers, complete and mixing only	-	100.01	98.70	96.02	97.06	-	2.37	2.35	2.27	2.30
286,9	Other chemical products	121.35	124.39	121.51	118.58	119.14	2.91	2.92	2.90	2.83	2.83
<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>											
29	INDUSTRIES	144.58	147.15	142.72	141.10	143.12	3.41	3.43	3.39	3.32	3.29
291	Petroleum refining	150.42	152.40	148.57	147.49	148.94	3.59	3.62	3.58	3.52	3.48
295,9	Other petroleum and coal products	125.97	130.59	123.48	119.71	123.85	2.85	2.87	2.80	2.69	2.71
<b>RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</b>											
30	INDUSTRIES	114.21	113.94	111.04	112.36	110.46	2.70	2.70	2.65	2.65	2.63
301	Tires and inner tubes	169.20	165.99	163.02	165.62	162.62	3.76	3.73	3.68	3.64	3.63
302,3,6	Other rubber products	110.88	110.72	106.91	105.06	103.22	2.64	2.63	2.57	2.55	2.53
307	Miscellaneous plastics products	94.81	95.22	93.11	94.08	93.21	2.29	2.30	2.26	2.24	2.23
<b>LEATHER AND LEATHER PRODUCTS</b>											
31	INDUSTRIES	75.25	74.09	75.85	71.82	71.82	1.97	1.96	1.94	1.90	1.90
311	Leather tanning and finishing	102.62	101.20	100.19	100.77	98.40	2.54	2.53	2.48	2.44	2.40
314	Footwear, except rubber	70.69	71.44	73.32	67.53	68.63	1.89	1.90	1.88	1.83	1.84
312,3,3-7,9	Other leather products	77.42	72.18	73.71	72.86	70.87	1.96	1.93	1.89	1.87	1.86
317	Handbags and personal leather goods	-	66.03	70.49	70.80	67.69	-	1.86	1.85	1.82	1.81
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>											
<b>RAILROAD TRANSPORTATION:</b>											
4011	Class I railroads <sup>2</sup>	-	(*)	(*)	128.23	131.54	-	(*)	(*)	3.01	3.01
<b>LOCAL AND INTERURBAN PASSENGER TRANSPORT:</b>											
411	Local and suburban transportation	-	112.56	113.63	110.50	109.56	-	2.68	2.68	2.60	2.59
413	Intercity and rural bus lines	-	149.24	158.84	136.22	138.84	-	3.28	3.33	3.11	3.12
<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE:</b>											
42	INDUSTRIES	-	139.10	136.63	133.61	133.92	-	3.22	3.17	3.10	3.10
422	Public warehousing	-	98.40	98.29	93.06	94.16	-	2.40	2.38	2.20	2.28
46	PIPELINE TRANSPORTATION	-	152.40	148.37	147.50	147.84	-	3.69	3.61	3.58	3.52
<b>COMMUNICATION</b>											
48	INDUSTRIES	-	119.43	117.62	116.97	118.12	-	2.92	2.89	2.86	2.86
481	Telephone communication	-	114.39	112.33	111.66	112.75	-	2.79	2.76	2.73	2.73
4817	Switchboard operating employees <sup>3</sup>	-	83.31	83.03	83.63	82.43	-	2.27	2.25	2.23	2.21
4818	Line construction employees <sup>4</sup>	-	164.15	160.54	159.74	164.00	-	3.50	3.46	3.45	3.46
482	Telegraph communication <sup>5</sup>	-	131.94	131.37	124.56	126.15	-	3.04	3.02	2.89	2.90
483	Radio and television broadcasting	-	153.62	149.27	151.93	153.03	-	3.85	3.76	3.77	3.76
<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>											
49	INDUSTRIES	-	137.86	136.54	134.69	133.86	-	3.33	3.29	3.23	3.21
491	Electric companies and systems	-	140.27	139.61	135.38	137.10	-	3.38	3.34	3.27	3.28
492	Gas companies and systems	-	128.34	124.64	125.52	123.07	-	3.10	3.04	3.01	2.98
493	Combined utility systems	-	149.45	148.93	147.77	145.05	-	3.61	3.58	3.51	3.47
494-7	Water, steam, and sanitary systems	-	111.78	109.74	106.08	107.01	-	2.70	2.67	2.55	2.56

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
	<i>Nondurable Goods--Continued</i>										
	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>										
27	Printing, publishing, and allied industries	39.1	39.2	39.0	38.6	38.9	-	3.9	3.7	3.4	3.4
271	Newspaper publishing and printing	36.7	36.7	36.6	36.3	36.4	-	2.9	2.7	2.8	2.6
272	Periodical publishing and printing	-	42.1	40.9	40.3	40.7	-	5.3	4.6	4.4	4.7
273	Books	-	41.9	42.1	41.3	42.1	-	4.9	5.4	4.3	4.9
275	Commercial printing	40.0	40.2	40.0	39.4	39.7	-	4.4	4.1	3.6	3.8
2751	Commercial printing, except litho	-	39.8	39.5	39.1	39.4	-	-	-	-	-
2752	Commercial printing, lithographic	-	41.2	40.9	40.3	40.6	-	-	-	-	-
278	Bookbinding and related industries	39.5	38.8	39.0	38.7	38.9	-	3.2	3.1	2.6	2.6
274,6,7,9	Other publishing and printing industries	38.9	38.9	38.8	39.1	39.1	-	3.8	3.5	3.4	3.4
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	42.1	42.1	41.9	41.8	42.2	-	3.6	3.4	3.0	3.4
281	Industrial chemicals	(*)	42.4	42.2	42.0	42.6	-	3.6	3.4	3.1	3.7
2812	Alkalies and chlorine	-	41.2	41.3	41.4	42.0	-	-	-	-	-
2818	Industrial organic chemicals, n.e.c.	-	43.0	42.7	42.5	42.8	-	-	-	-	-
2819	Industrial inorganic chemicals, n.e.c.	-	41.9	41.5	41.1	42.2	-	-	-	-	-
282	Plastics materials and synthetics	42.2	42.3	42.4	42.2	42.8	-	3.3	3.5	2.9	3.6
2821	Plastics materials and resins	-	44.2	44.0	44.2	43.9	-	-	-	-	-
2823,4	Synthetic fibers	-	40.8	41.0	40.8	42.1	-	-	-	-	-
283	Drugs	40.8	40.7	40.3	40.9	40.6	-	3.1	2.6	2.8	2.5
2834	Pharmaceutical preparations	-	39.7	39.4	40.2	39.8	-	-	-	-	-
284	Soap, cleaners, and toilet goods	42.0	42.0	42.1	41.1	41.5	-	4.0	3.8	3.0	3.1
2841	Soap and detergents	-	43.2	43.8	41.8	43.1	-	-	-	-	-
2844	Toilet preparations	-	41.3	40.8	40.5	39.7	-	-	-	-	-
285	Paints, varnishes, and allied products	41.4	42.0	41.9	41.4	41.7	-	3.6	3.3	2.7	3.2
287	Agricultural chemicals	42.6	42.4	42.2	42.2	42.4	-	4.3	3.7	3.6	3.8
2871,2	Fertilizers, complete and mixing only	-	42.2	42.0	42.3	42.2	-	-	-	-	-
286,9	Other chemical products	41.7	42.6	41.9	41.9	42.1	-	3.8	3.3	2.9	3.3
	<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>										
29	Petroleum refining	42.4	42.9	42.1	42.5	43.5	-	3.7	3.1	3.1	3.4
291	Petroleum refining	41.9	42.1	41.5	41.9	42.8	-	2.6	2.2	2.2	2.4
295,9	Other petroleum and coal products	44.2	45.5	44.1	44.5	45.7	-	7.5	5.8	6.1	6.7
	<b>RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</b>										
30	Tires and inner tubes	42.3	42.2	41.9	42.4	42.0	-	4.8	4.3	4.8	4.3
301	Other rubber products	45.0	44.5	44.3	45.5	44.8	-	6.6	5.7	7.4	6.6
302,3,6	Miscellaneous plastics products	42.0	42.1	41.6	41.2	40.8	-	4.5	4.0	3.8	3.3
307	Miscellaneous plastics products	41.4	41.4	41.2	42.0	41.8	-	4.3	4.0	4.5	4.2
31	<b>LEATHER AND LEATHER PRODUCTS</b>	38.2	37.8	39.1	37.8	37.8	-	2.1	2.2	1.9	1.9
311	Leather tanning and finishing	40.4	40.0	40.4	41.3	41.0	-	3.4	3.3	3.5	3.2
314	Footwear, except rubber	37.4	37.6	39.0	36.9	37.3	-	1.8	2.0	1.5	1.7
312,3,5-7,9	Other leather products	39.5	37.4	39.0	38.8	38.1	-	2.3	2.5	2.4	2.1
317	Handbags and personal leather goods	-	35.5	38.1	38.9	37.4	-	2.2	2.7	2.6	1.9
	<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
	<b>RAILROAD TRANSPORTATION:</b>										
	Class I railroads <sup>2</sup>		(*)	(*)	42.6	43.7					
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation	-	42.0	42.4	42.5	42.3	-	-	-	-	-
413	Intercity and rural bus lines	-	45.5	47.7	43.8	44.5	-	-	-	-	-
	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE:</b>										
42	Public warehousing	-	43.2	43.1	43.1	43.2	-	-	-	-	-
422	Public warehousing	-	41.0	41.3	42.3	41.3	-	-	-	-	-
46	Pipeline transportation	-	41.3	41.1	41.2	42.0	-	-	-	-	-
	<b>COMMUNICATION:</b>										
48	Telephone communication	-	40.9	40.7	40.9	41.3	-	-	-	-	-
481	Telephone communication	-	41.0	40.7	40.9	41.3	-	-	-	-	-
4817	Switchboard operating employees <sup>3</sup>	-	36.7	36.9	37.5	37.3	-	-	-	-	-
4818	Line construction employees <sup>4</sup>	-	46.9	46.4	46.3	47.4	-	-	-	-	-
482	Telegraph communication <sup>5</sup>	-	43.4	43.5	43.1	43.5	-	-	-	-	-
483	Radio and television broadcasting	-	39.9	39.7	40.3	40.7	-	-	-	-	-
	<b>ELECTRIC, GAS, AND SANITARY SERVICES:</b>										
49	Electric companies and systems	-	41.4	41.5	41.7	41.7	-	-	-	-	-
491	Electric companies and systems	-	41.5	41.8	41.4	41.8	-	-	-	-	-
492	Gas companies and systems	-	41.4	41.0	41.7	41.3	-	-	-	-	-
493	Combined utility systems	-	41.4	41.6	42.1	41.8	-	-	-	-	-
494-7	Water, steam, and sanitary systems	-	41.4	41.1	41.6	41.8	-	-	-	-	-

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
	<b>WHOLESALE AND RETAIL TRADE</b>	\$79.64	\$79.55	\$80.73	\$77.42	\$77.25	\$2.17	\$2.15	\$2.13	\$2.07	\$2.06
50	<b>WHOLESALE TRADE</b> . . . . .	112.33	111.93	111.38	107.57	106.90	2.76	2.75	2.73	2.63	2.62
501	Motor vehicles and automotive equipment . . . . .	-	105.08	103.42	101.33	101.82	-	2.52	2.48	2.43	2.43
502	Drugs, chemicals, and allied products . . . . .	-	115.95	113.08	110.84	110.16	-	2.87	2.82	2.73	2.72
503	Dry goods and apparel . . . . .	-	109.33	109.16	105.46	104.23	-	2.90	2.85	2.79	2.75
504	Groceries and related products . . . . .	-	103.73	103.66	96.46	97.44	-	2.53	2.51	2.37	2.40
506	Electrical goods . . . . .	-	127.25	123.65	127.02	123.55	-	2.98	2.93	2.92	2.88
507	Hardware, plumbing, and heating goods . . . . .	-	108.12	106.90	104.19	103.53	-	2.65	2.62	2.56	2.55
508	Machinery, equipment, and supplies . . . . .	-	122.07	123.49	116.75	115.51	-	2.97	2.99	2.82	2.79
509	Miscellaneous wholesalers . . . . .	-	111.35	110.83	108.00	107.33	-	2.77	2.75	2.68	2.67
52-59	<b>RETAIL TRADE</b> . . . . .	68.68	69.09	70.11	67.33	67.16	1.94	1.93	1.90	1.86	1.84
53	General merchandise stores . . . . .	-	61.75	62.24	59.79	60.50	-	1.86	1.82	1.79	1.79
531	Department stores . . . . .	-	66.07	66.50	63.69	64.51	-	1.99	1.95	1.93	1.92
532	Mail order houses . . . . .	-	71.46	71.66	69.81	72.67	-	2.03	2.03	1.95	1.98
533	Limited price variety stores . . . . .	-	46.51	48.00	44.62	44.47	-	1.52	1.50	1.43	1.43
54	Food stores . . . . .	-	72.76	74.84	70.51	71.76	-	2.14	2.12	2.08	2.08
541-3	Grocery, meat, and vegetable stores . . . . .	-	74.00	75.90	71.87	73.35	-	2.17	2.15	2.12	2.12
56	Apparel and accessories stores . . . . .	-	59.01	59.84	57.93	57.61	-	1.81	1.76	1.75	1.73
561	Men's and boys' apparel stores . . . . .	-	70.79	73.64	70.09	69.26	-	2.04	2.04	1.98	1.94
562	Women's ready-to-wear stores . . . . .	-	52.81	52.63	51.99	51.81	-	1.63	1.59	1.59	1.57
565	Family clothing stores . . . . .	-	57.35	59.99	57.44	57.11	-	1.77	1.78	1.73	1.71
566	Shoe stores . . . . .	-	60.02	60.52	57.33	59.33	-	1.93	1.78	1.82	1.86
57	Furniture and appliance stores . . . . .	-	91.87	91.37	89.15	88.75	-	2.32	2.29	2.24	2.23
571	Furniture and home furnishings . . . . .	-	90.91	91.20	88.18	87.96	-	2.29	2.28	2.21	2.21
58	Eating and drinking places <sup>6</sup> . . . . .	-	48.00	48.93	46.02	45.46	-	1.42	1.39	1.33	1.31
52,55,59	Other retail trade . . . . .	-	85.81	86.90	84.45	83.23	-	2.14	2.13	2.08	2.05
52	Building materials and hardware . . . . .	-	93.44	93.28	90.52	89.89	-	2.23	2.20	2.14	2.13
551,2	Motor vehicle dealers . . . . .	-	106.50	108.97	105.65	103.05	-	2.50	2.54	2.44	2.38
553,9	Other vehicle and accessory dealers . . . . .	-	88.99	91.54	86.17	85.41	-	2.06	2.09	1.99	1.95
591	Drug stores . . . . .	-	63.27	64.60	61.94	62.65	-	1.85	1.83	1.78	1.79
598	Fuel and ice dealers . . . . .	-	99.25	97.29	97.78	94.05	-	2.38	2.35	2.29	2.25
	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> <sup>7</sup> . . . . .	92.63	91.76	92.13	89.65	89.04	2.49	2.48	2.47	2.41	2.40
60	Banking . . . . .	-	82.14	82.21	80.35	79.18	-	2.22	2.21	2.16	2.14
61	Credit agencies other than banks . . . . .	-	85.27	85.96	85.05	84.52	-	2.28	2.28	2.25	2.23
612	Savings and loan associations . . . . .	-	86.25	87.05	84.82	84.44	-	2.35	2.34	2.28	2.27
62	Security dealers and exchanges . . . . .	-	131.73	132.82	131.89	124.21	-	3.57	3.58	3.48	3.33
63	Insurance carriers . . . . .	-	99.70	99.32	96.61	95.98	-	2.68	2.67	2.59	2.58
631	Life insurance . . . . .	-	100.19	99.82	95.89	95.37	-	2.73	2.72	2.62	2.62
632	Accident and health insurance . . . . .	-	90.27	89.55	85.47	85.01	-	2.42	2.41	2.31	2.31
633	Fire, marine, and casualty insurance . . . . .	-	101.52	101.41	99.18	99.06	-	2.70	2.69	2.61	2.60
	<b>SERVICES AND MISCELLANEOUS:</b>										
	Hotels and lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> . . . . .	-	53.73	53.58	52.30	51.65	-	1.46	1.41	1.38	1.37
	Personal Services:										
721	Laundries, cleaning and dyeing plants . . . . .	-	61.88	60.74	60.14	59.06	-	1.62	1.59	1.55	1.53
	Motion pictures:										
781	Motion picture filming and distributing . . . . .	-	159.26	162.51	157.16	149.36	-	3.81	3.86	3.89	3.82

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

**Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
	<b>WHOLESALE AND RETAIL TRADE</b>	36.7	37.0	37.9	37.4	37.5					
50	<b>WHOLESALE TRADE</b> .....	40.7	40.7	40.8	40.9	40.8					
501	Motor vehicles and automotive equipment ..	-	41.7	41.7	41.7	41.9					
502	Drugs, chemicals, and allied products ..	-	40.4	40.1	40.6	40.5					
503	Dry goods and apparel. ....	-	37.7	38.3	37.8	37.9					
504	Groceries and related products .....	-	41.0	41.3	40.7	40.6					
506	Electrical goods .....	-	42.7	42.2	43.5	42.9					
507	Hardware, plumbing, and heating goods ..	-	40.8	40.8	40.7	40.6					
508	Machinery, equipment, and supplies .....	-	41.1	41.3	41.4	41.4					
509	Miscellaneous wholesalers .....	-	40.2	40.3	40.3	40.2					
52-59	<b>RETAIL TRADE</b> .....	35.4	35.8	36.9	36.2	36.5					
53	General merchandise stores .....	-	33.2	34.2	33.4	33.8					
531	Department stores .....	-	33.2	34.1	33.0	33.6					
532	Mail order houses .....	-	35.2	35.3	35.8	36.7					
533	Limited price variety stores .....	-	30.6	32.0	31.2	31.1					
54	Food stores .....	-	34.0	35.3	33.9	34.5					
541-3	Grocery, meat, and vegetable stores ..	-	34.1	35.3	33.9	34.6					
56	Apparel and accessories stores .....	-	32.6	34.0	33.1	33.3					
561	Men's and boys' apparel stores .....	-	34.7	36.1	35.4	35.7					
562	Women's ready-to-wear stores .....	-	32.4	33.1	32.7	33.0					
565	Family clothing stores .....	-	32.4	33.7	33.2	33.4					
566	Shoe stores .....	-	31.1	34.0	31.5	31.9					
57	Furniture and appliance stores .....	-	39.6	39.9	39.8	39.8					
571	Furniture and home furnishings .....	-	39.7	40.0	39.9	39.8					
58	Eating and drinking places <sup>6</sup> .....	-	33.8	35.2	34.6	34.7					
52,55,59	Other retail trade .....	-	40.1	40.8	40.6	40.6					
52	Building materials and hardware .....	-	41.9	42.4	42.3	42.2					
551,2	Motor vehicle dealers .....	-	42.6	42.9	43.3	43.3					
553,9	Other vehicle and accessory dealers ..	-	43.2	43.8	43.3	43.8					
591	Drug stores .....	-	34.2	35.3	34.8	35.0					
598	Fuel and ice dealers .....	-	41.7	41.4	42.7	41.8					
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b> .....	37.2	37.0	37.3	37.2	37.1					
60	Banking .....	-	37.0	37.2	37.2	37.0					
61	Credit agencies other than banks .....	-	37.4	37.7	37.8	37.9					
612	Savings and loan associations .....	-	36.7	37.2	37.2	37.2					
62	Security dealers and exchanges .....	-	36.9	37.1	37.9	37.3					
63	Insurance carriers .....	-	37.2	37.2	37.3	37.2					
631	Life insurance .....	-	36.7	36.7	36.6	36.4					
632	Accident and health insurance .....	-	37.3	37.2	37.0	36.8					
633	Fire, marine, and casualty insurance ..	-	37.6	37.7	38.0	38.1					
	<b>SERVICES AND MISCELLANEOUS:</b>										
	Hotels and lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> ..	-	36.8	38.0	37.9	37.7					
	Personal Services:										
721	Laundries, cleaning and dyeing plants ..	-	38.2	38.2	38.8	38.6					
	Motion pictures:										
781	Motion picture filming and distributing ..	-	41.8	42.1	40.4	39.1					

<sup>1</sup> For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; and for all other industries, to nonsupervisory workers.

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

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1964, such employees made up 31 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1964, such employees made up 31 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

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

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

<sup>7</sup> Data for nonoffice 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

Table C-3: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
<b>MANUFACTURING</b>	\$2.62	\$2.61	\$2.57	\$2.52	\$2.51
<b>DURABLE GOODS</b>	2.79	2.78	2.73	2.68	2.68
Ordnance and accessories	-	3.08	3.06	3.04	3.02
Lumber and wood products, except furniture	-	2.22	2.19	2.11	2.12
Furniture and fixtures	-	2.12	2.11	2.05	2.05
Stone, clay, and glass products	-	2.60	2.59	2.53	2.51
Primary metal industries	-	3.15	3.13	3.06	3.06
Fabricated metal products	-	2.75	2.71	2.65	2.65
Machinery	-	2.92	2.89	2.83	2.82
Electrical equipment and supplies	-	2.54	2.52	2.50	2.50
Transportation equipment	-	3.21	3.13	3.07	3.07
Instruments and related products	-	2.60	2.58	2.52	2.52
Miscellaneous manufacturing industries	-	2.14	2.12	2.06	2.06
<b>NONDURABLE GOODS</b>	2.37	2.37	2.34	2.28	2.29
Food and kindred products	-	2.39	2.37	2.31	2.31
Tobacco manufactures	-	2.05	2.12	1.94	1.94
Textile mill products	-	1.90	1.88	1.80	1.80
Apparel and related products	-	1.86	1.85	1.82	1.82
Paper and allied products	-	2.61	2.60	2.52	2.53
Printing, publishing, and allied industries	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	-	2.90	2.88	2.82	2.82
Petroleum refining and related industries	-	3.29	3.27	3.21	3.17
Rubber and miscellaneous plastic products	-	2.55	2.52	2.51	2.50
Leather and leather products	-	1.91	1.88	1.85	1.85

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

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

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

Table C-4: Gross and spendable average weekly earnings in selected industries, in current and 1957-59 dollars<sup>1</sup>

Industry	Gross average weekly earnings			Spendable average weekly earnings					
	Sept. 1966	Aug. 1966	Sept. 1965	Worker with no dependents			Worker with three dependents		
				Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
<b>MINING:</b>									
Current dollars	\$133.73	\$131.58	\$124.23	\$108.11	\$106.39	\$102.47	\$116.94	\$115.12	\$110.87
1957-59 dollars	117.20	115.62	112.73	94.75	93.49	92.99	102.49	101.16	100.61
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars	152.05	149.38	138.75	122.51	120.44	114.12	132.18	129.97	123.13
1957-59 dollars	133.26	131.27	125.91	107.37	105.83	103.56	115.85	114.21	111.73
<b>MANUFACTURING:</b>									
Current dollars	113.71	111.78	107.83	92.61	91.14	89.32	100.54	99.00	97.03
1957-59 dollars	99.66	98.22	97.85	81.17	80.09	81.05	88.12	86.99	88.05
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars	79.55	80.73	77.25	66.15	67.07	64.78	73.13	74.08	71.71
1957-59 dollars	69.72	70.94	70.10	57.98	58.94	58.78	64.09	65.10	65.07
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars	91.76	92.13	89.04	75.76	76.05	74.13	82.99	83.29	81.31
1957-59 dollars	80.42	80.96	80.80	66.40	66.83	67.27	72.73	73.19	73.78

<sup>1</sup>For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; for wholesale and retail trade, to nonsupervisory workers.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**Table C-5: Indexes of aggregate weekly man-hours and payrolls in industrial  
and construction activities<sup>1</sup>**

1957-59=100

Industry	Oct. 1966	Sept. 1966	Aug. 1966	Oct. 1965	Sept. 1965
	Man-hours				
<b>TOTAL</b> .....	119.5	120.1	119.6	113.9	113.0
<b>MINING</b> .....	84.7	84.6	86.5	84.3	83.0
<b>CONTRACT CONSTRUCTION</b> .....	123.6	126.4	131.4	122.9	120.1
<b>MANUFACTURING</b> ....	120.5	120.8	119.1	113.8	113.2
<b>DURABLE GOODS</b> .....	127.0	127.0	123.2	117.6	116.2
Ordnance and accessories .....	156.5	151.4	145.2	120.9	117.7
Lumber and wood products, except furniture ..	98.2	100.3	104.1	101.0	101.2
Furniture and fixtures .....	130.4	130.0	131.6	124.3	122.1
Stone, clay, and glass products .....	111.4	113.6	115.4	111.9	113.4
Primary metal industries .....	115.8	117.7	117.3	107.3	113.3
Fabricated metal products .....	129.4	129.7	127.2	121.6	119.4
Machinery .....	137.6	138.2	135.9	124.8	123.3
Electrical equipment and supplies .....	153.1	152.3	148.6	132.5	128.7
Transportation equipment .....	122.0	119.7	103.0	112.3	106.7
Instruments and related products .....	131.0	129.3	127.7	117.1	116.1
Miscellaneous manufacturing industries .....	123.7	121.4	120.1	122.6	117.9
<b>NONDURABLE GOODS</b> .....	111.9	112.6	113.7	108.8	109.2
Food and kindred products .....	100.3	106.4	106.1	101.8	104.5
Tobacco manufactures .....	93.8	99.2	87.7	107.0	107.3
Textile mill products .....	105.0	105.8	107.2	104.1	102.5
Apparel and related products .....	122.0	117.7	122.5	117.3	116.9
Paper and allied products .....	117.9	117.7	118.4	113.0	112.3
Printing, publishing, and allied industries .....	119.0	118.8	118.0	112.3	112.2
Chemicals and allied products .....	117.0	117.1	117.9	109.8	111.8
Petroleum refining and related industries .....	80.6	82.5	82.2	79.8	82.8
Rubber and miscellaneous plastics products ..	153.9	152.2	149.7	141.0	138.5
Leather and leather products .....	97.3	96.7	102.4	95.1	95.8
	Payrolls				
<b>MINING</b> .....	106.2	105.5	106.2	99.8	97.7
<b>CONTRACT CONSTRUCTION</b> ....	173.3	177.7	180.8	164.1	159.5
<b>MANUFACTURING</b> .....	156.8	156.8	151.9	141.8	140.8

<sup>1</sup>For 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**

**Table C-6 Average weekly hours of production workers on payrolls of selected industries<sup>1</sup>  
seasonally adjusted**

Industry	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965
<b>MINING</b> .....	42.9	42.9	42.4	43.2	42.9	42.6	41.7	43.2	42.7	42.6	42.9	42.1	42.3
<b>CONTRACT CONSTRUCTION</b> .....	37.3	37.7	36.9	37.8	37.4	36.1	37.2	38.5	38.1	37.8	38.6	37.2	37.1
<b>MANUFACTURING</b> .....	41.3	41.5	41.4	41.0	41.3	41.5	41.5	41.5	41.5	41.4	41.3	41.4	41.2
<i>Overtime hours</i> .....	4.0	3.9	4.0	3.8	3.9	4.0	4.0	4.1	4.1	4.0	3.8	3.7	3.8
<b>DURABLE GOODS</b> .....	42.3	42.3	42.1	41.8	42.0	42.2	42.3	42.3	42.4	42.4	42.2	42.2	42.1
<i>Overtime hours</i> .....	4.3	4.3	4.3	4.3	4.2	4.4	4.4	4.4	4.5	4.4	4.1	4.1	4.0
<i>Ordinance and accessories</i> .....	42.7	42.5	42.1	42.7	42.1	42.4	42.2	42.0	42.3	42.4	42.4	42.4	42.4
<i>Lumber and wood products, except furniture</i> ...	40.5	40.3	40.3	40.6	40.5	41.4	41.3	41.1	41.2	41.4	41.5	41.2	41.1
<i>Furniture and fixtures</i> .....	41.3	41.2	41.6	41.0	41.8	42.0	41.6	41.9	41.7	41.7	41.7	41.7	41.5
<i>Stone, clay, and glass products</i> .....	41.7	41.9	41.8	41.5	41.9	41.8	42.1	42.8	42.4	42.5	43.0	42.2	41.9
<i>Primary metal industries</i> .....	42.9	42.6	42.4	41.6	42.0	42.2	41.8	41.9	41.9	41.9	41.3	41.2	41.6
<i>Fabricated metal products</i> .....	42.3	42.6	42.2	42.1	42.3	42.4	42.4	42.4	42.5	42.5	42.3	42.3	42.2
<i>Machinery</i> .....	43.9	44.3	43.8	43.3	43.8	43.8	43.7	44.0	43.9	43.8	43.8	43.7	43.5
<i>Electrical equipment and supplies</i> .....	41.2	41.3	41.2	40.9	41.2	41.3	41.4	41.3	41.5	41.5	41.4	41.2	41.0
<i>Transportation equipment</i> .....	42.3	43.0	43.2	42.1	42.3	42.2	43.4	42.9	43.3	43.4	43.0	42.9	42.8
<i>Instruments and related products</i> .....	42.2	42.2	41.7	41.7	42.0	42.4	42.0	42.4	42.3	42.2	41.7	41.7	41.8
<i>Miscellaneous manufacturing industries</i> .....	39.8	39.9	40.0	39.7	40.1	40.3	40.0	40.3	40.2	40.0	40.2	40.2	40.0
<b>NONDURABLE GOODS</b> .....	40.2	40.2	40.2	40.1	40.3	40.3	40.3	40.4	40.5	40.2	40.2	40.3	40.1
<i>Overtime hours</i> .....	3.3	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.4	3.3	3.3	3.3
<i>Food and kindred products</i> .....	40.7	41.2	41.1	41.3	41.0	40.9	41.1	41.1	41.5	41.1	41.1	41.1	41.1
<i>Tobacco manufactures</i> .....	37.2	38.4	37.8	37.9	38.0	38.5	39.2	39.4	41.3	38.9	37.8	37.9	37.7
<i>Textile mill products</i> .....	41.4	42.1	42.0	41.7	42.2	42.2	41.9	42.4	42.3	42.2	42.0	41.9	41.8
<i>Apparel and related products</i> .....	36.9	35.6	36.3	36.2	36.5	36.5	36.4	36.5	36.5	36.3	36.4	36.5	36.4
<i>Paper and allied products</i> .....	43.1	43.4	43.3	43.4	43.4	43.7	43.7	43.5	43.5	43.3	43.5	43.7	43.3
<i>Printing, publishing, and allied industries</i> .....	39.0	39.0	38.9	39.0	39.0	38.7	38.9	38.7	38.7	38.5	38.7	38.6	38.5
<i>Chemicals and allied products</i> .....	42.2	42.0	42.0	42.0	42.0	41.9	42.3	42.0	42.1	42.0	42.0	42.0	41.9
<i>Petroleum refining and related industries</i> .....	42.4	41.9	41.9	42.4	42.5	42.5	42.6	42.6	42.6	42.3	42.0	42.4	42.5
<i>Rubber and miscellaneous plastic products</i> .....	42.2	41.9	41.8	41.5	41.7	42.1	42.4	42.2	42.3	42.3	42.3	42.4	42.3
<i>Leather and leather products</i> .....	38.9	38.3	38.6	38.3	38.7	39.0	39.0	38.5	38.7	38.5	38.4	38.6	38.5
<b>WHOLESALE AND RETAIL TRADE</b> .....	36.8	37.0	37.3	37.3	37.2	37.0	37.1	37.1	37.3	37.4	37.4	37.4	37.6
<b>WHOLESALE TRADE</b> .....	40.7	40.7	40.8	40.9	40.6	40.7	40.7	40.8	40.9	41.0	40.9	40.8	40.9
<b>RETAIL TRADE</b> .....	35.6	35.8	36.1	36.1	36.0	35.9	35.9	36.0	36.1	36.2	36.3	36.3	36.4

<sup>1</sup>For 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**

**Table C-7: Indexes of aggregate weekly man-hours in industrial and construction activities<sup>1</sup>**  
**seasonally adjusted**

1957-59=100													
Industry	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965
<b>TOTAL . . . . .</b>	115.6	115.7	115.8	115.0	115.8	114.2	114.8	116.0	114.8	113.6	113.5	111.5	110.1
<b>MINING . . . . .</b>	82.4	82.9	83.3	84.6	83.8	82.7	75.7	85.4	84.1	84.1	84.1	82.6	82.3
<b>CONTRACT CONSTRUCTION . . . . .</b>	109.7	112.2	110.9	115.3	114.4	108.1	115.3	122.8	117.6	116.8	119.8	111.3	109.1
<b>MANUFACTURING . . . . .</b>	118.3	117.9	118.3	116.5	117.7	116.9	116.7	116.3	115.9	114.5	113.8	113.0	111.6
<b>DURABLE GOODS . . . . .</b>	125.4	125.4	125.0	122.2	123.6	123.0	122.8	122.3	121.5	120.2	118.8	117.4	116.0
Ordnance and accessories . . . . .	155.0	150.7	146.9	146.6	142.1	140.8	135.4	132.4	130.9	126.4	119.3	120.5	119.3
Lumber and wood products, except furniture . . . . .	95.4	95.5	97.4	98.4	99.4	100.8	102.1	103.2	102.2	102.9	101.6	99.6	98.1
Furniture and fixtures . . . . .	125.9	125.9	127.8	124.7	128.1	128.1	125.2	126.4	124.8	124.1	123.1	121.4	119.9
Stone, clay, and glass products . . . . .	108.3	108.6	109.5	109.3	110.4	110.3	112.2	114.9	112.8	114.1	113.5	109.9	108.6
Primary metal industries . . . . .	119.9	117.8	118.2	114.9	115.6	114.4	112.9	112.3	112.0	111.6	109.2	108.9	110.9
Fabricated metal products . . . . .	126.6	127.2	126.7	124.4	125.6	125.6	126.0	125.7	125.1	123.9	122.2	121.6	119.2
Machinery . . . . .	139.6	140.1	138.3	136.0	135.6	134.2	132.4	132.7	132.0	130.4	129.8	128.9	126.6
Electrical equipment and supplies . . . . .	149.9	150.0	149.9	145.2	147.0	145.3	144.4	140.9	140.6	137.6	135.4	132.4	129.8
Transportation equipment . . . . .	118.5	120.1	117.6	112.2	115.6	114.7	117.4	116.0	115.3	113.2	111.6	110.8	109.1
Instruments and related products . . . . .	130.0	128.1	127.0	126.6	127.0	126.8	124.3	125.0	123.3	120.7	117.9	116.5	115.9
Miscellaneous manufacturing industries . . . . .	113.4	113.4	115.3	113.5	116.3	116.8	115.3	115.5	114.3	112.1	117.2	114.6	112.4
<b>NONDURABLE GOODS . . . . .</b>	109.0	108.2	109.6	109.0	110.1	109.0	108.8	108.5	108.6	107.2	107.2	107.3	105.9
Food and kindred products . . . . .	92.6	93.4	95.2	95.3	94.7	93.5	94.6	95.5	96.1	94.6	94.6	96.2	94.0
Tobacco manufactures . . . . .	73.7	78.4	78.4	84.4	85.7	85.7	88.4	88.9	91.9	86.6	84.1	83.2	82.7
Textile mill products . . . . .	103.5	105.3	106.2	104.7	106.4	105.9	104.8	105.9	105.3	105.0	104.0	103.3	102.5
Apparel and related products . . . . .	120.7	115.1	117.9	117.0	121.4	120.3	118.3	117.7	117.8	114.6	117.3	116.8	115.9
Paper and allied products . . . . .	115.9	115.4	116.7	117.4	116.3	115.7	115.5	114.3	114.1	113.1	113.0	112.9	110.9
Printing, publishing, and allied industries . . . . .	117.8	117.6	117.8	117.6	117.2	115.2	115.7	114.2	114.0	113.1	112.6	112.3	111.1
Chemicals and allied products . . . . .	117.5	116.5	117.7	116.7	116.9	113.8	113.9	113.3	113.2	112.3	111.9	111.5	110.4
Petroleum refining and related industries . . . . .	79.8	78.9	79.6	80.5	80.7	79.3	79.5	78.8	79.5	78.9	78.4	79.1	79.3
Rubber and miscellaneous plastic products . . . . .	151.4	148.9	149.2	147.1	147.8	146.6	147.3	144.7	144.0	143.6	142.8	141.3	138.8
Leather and leather products . . . . .	99.3	97.5	98.5	96.2	100.1	101.8	101.8	99.2	99.8	98.6	97.7	97.9	97.0

<sup>1</sup>For 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**

**Table C-8: 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		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
ALABAMA.....	\$96.98	\$96.56	\$95.94	41.8	41.8	42.0	\$2.32	\$2.31	\$2.27
Birmingham.....	121.72	123.35	124.11	41.4	42.1	43.7	2.94	2.93	2.84
Mobile.....	113.42	113.85	111.61	42.8	42.8	41.8	2.65	2.66	2.67
ALASKA.....	(1)	166.87	161.20	(1)	45.1	40.2	(1)	3.70	4.01
ARIZONA.....	120.35	119.97	115.64	41.5	41.8	41.3	2.90	2.87	2.80
Phoenix.....	117.16	118.29	117.74	41.4	41.8	41.9	2.83	2.83	2.81
Tucson.....	153.91	143.48	118.69	43.6	42.2	39.3	3.53	3.40	3.02
ARKANSAS.....	80.22	78.81	76.96	42.0	41.7	41.6	1.91	1.89	1.85
Fort Smith.....	77.10	77.46	74.00	41.9	42.1	40.0	1.84	1.84	1.85
Little Rock-North Little Rock.....	79.32	77.90	76.68	41.1	41.0	41.9	1.93	1.90	1.83
Pine Bluff.....	92.51	94.92	93.50	41.3	42.0	42.5	2.24	2.26	2.20
CALIFORNIA.....	130.47	128.84	125.56	40.9	40.9	40.9	3.19	3.15	3.07
Anaheim-Santa Ana-Garden Grove.....	131.04	129.58	124.64	41.6	41.4	41.0	3.15	3.13	3.04
Bakersfield.....	134.67	132.47	139.86	40.2	39.9	41.5	3.35	3.32	3.37
Fresno.....	112.46	108.35	107.33	40.6	39.4	40.2	2.77	2.75	2.67
Los Angeles-Long Beach.....	128.96	128.34	122.61	41.2	41.4	40.6	3.13	3.10	3.02
Oxnard-Ventura.....	118.29	113.68	111.11	41.8	38.8	40.7	2.83	2.93	2.73
Sacramento.....	137.57	137.50	138.88	40.7	40.8	42.6	3.38	3.37	3.26
San Bernardino-Riverside-Ontario.....	125.87	125.26	123.11	41.0	40.8	40.9	3.07	3.07	3.01
San Diego.....	136.96	138.31	134.89	40.4	40.8	41.0	3.39	3.39	3.29
San Francisco-Oakland.....	140.01	136.89	132.99	40.7	40.5	40.3	3.44	3.38	3.30
San Jose.....	131.97	128.03	127.07	41.5	41.3	41.8	3.18	3.10	3.04
Santa Barbara.....	128.13	124.53	124.43	41.2	40.3	40.4	3.11	3.09	3.08
Santa Rosa.....	102.22	102.82	101.56	38.0	39.7	37.2	2.69	2.59	2.73
Stockton.....	125.55	122.11	126.85	41.3	40.3	43.0	3.04	3.03	2.95
Vallejo-Napa.....	120.98	120.59	115.22	38.9	38.9	37.9	3.11	3.10	3.04
COLORADO.....	119.94	118.43	119.14	41.5	41.7	42.1	2.89	2.84	2.83
Denver.....	122.35	121.54	119.26	41.9	42.2	41.7	2.92	2.88	2.86
CONNECTICUT.....	123.98	120.98	114.75	43.5	42.9	42.5	2.85	2.82	2.70
Bridgeport.....	128.33	123.55	119.66	44.1	42.9	43.2	2.91	2.88	2.77
Hartford.....	131.40	131.57	119.71	43.8	44.3	42.6	3.00	2.97	2.81
New Britain.....	128.16	125.13	116.47	44.5	43.6	42.2	2.88	2.87	2.76
New Haven.....	122.98	121.11	110.15	42.7	42.2	41.1	2.88	2.87	2.68
Stamford.....	120.41	119.83	115.08	42.1	41.9	42.0	2.86	2.86	2.74
Waterbury.....	123.04	120.06	114.63	44.1	43.5	42.3	2.79	2.76	2.71
DELAWARE.....	119.26	106.38	112.46	41.7	39.4	40.6	2.86	2.70	2.77
Wilmington.....	133.12	120.36	122.00	41.6	38.7	40.0	3.20	3.11	3.05
DISTRICT OF COLUMBIA: Washington SMSA.....	(1)	120.25	115.43	(1)	40.9	40.5	(1)	2.94	2.85
FLORIDA.....	97.06	96.67	91.91	42.2	42.4	41.4	2.30	2.28	2.22
Fort Lauderdale-Hollywood.....	90.67	91.05	(1)	41.4	41.2	(1)	2.19	2.21	(1)
Jacksonville.....	95.26	96.05	92.29	41.6	42.5	41.2	2.29	2.26	2.24
Miami.....	88.99	89.21	84.32	41.2	41.3	39.4	2.16	2.16	2.14
Orlando.....	95.65	91.98	(1)	42.7	42.0	(1)	2.24	2.19	(1)
Pensacola.....	111.76	112.05	111.89	41.7	41.5	43.2	2.68	2.70	2.59
Tampa-St. Petersburg.....	98.98	98.37	100.33	42.3	42.4	44.2	2.34	2.32	2.27
West Palm Beach.....	108.17	109.22	(1)	44.7	44.4	(1)	2.42	2.46	(1)
GEORGIA.....	88.20	85.49	82.62	41.8	41.3	40.9	2.11	2.07	2.02
Atlanta.....	108.94	104.29	102.03	40.8	40.9	39.7	2.67	2.55	2.57
Savannah.....	106.30	108.31	106.93	41.2	41.5	42.1	2.58	2.61	2.54
HAWAII.....	100.17	99.67	94.60	37.8	44.1	40.6	2.65	2.26	2.33
IDAHO.....	118.20	117.38	112.19	40.9	40.9	41.4	2.89	2.87	2.71
ILLINOIS.....	125.78	122.13	117.42	42.2	41.6	41.3	2.98	2.94	2.84
Chicago.....	(1)	125.13	119.84	(1)	41.9	41.5	(1)	2.99	2.89
Davenport-Rock Island-Moline.....	(1)	137.48	126.46	(1)	41.7	40.5	(1)	3.30	3.12

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

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

**Table C-8: 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		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
<b>ILLINOIS--(Continued)</b>									
Peoria .....	(1)	\$140.35	\$131.66	(1)	42.4	41.4	(1)	\$3.31	\$3.18
Rockford .....	(1)	120.54	117.80	(1)	42.6	43.0	(1)	2.83	2.74
<b>INDIANA</b>									
Indianapolis .....	\$129.25	127.14	122.56	42.1	42.1	41.8	\$3.07	3.02	2.93
	(1)	130.72	124.03	(1)	43.0	41.9	(1)	3.04	2.96
<b>IOWA</b>									
Cedar Rapids .....	118.93	113.97	115.69	40.5	39.6	41.0	2.94	2.88	2.82
Des Moines .....	126.72	120.21	119.51	43.6	41.7	42.2	2.91	2.88	2.83
	134.43	128.65	134.24	41.4	39.9	40.8	3.25	3.23	3.29
<b>KANSAS</b>									
Topeka .....	124.78	119.82	113.88	43.8	42.9	42.4	2.85	2.80	2.69
Wichita .....	127.77	130.92	135.78	44.0	44.3	45.5	2.90	2.96	2.99
	132.98	131.82	113.29	43.7	43.4	40.8	3.04	3.04	2.78
<b>KENTUCKY</b>									
Louisville .....	107.01	104.70	104.34	41.0	40.9	40.6	2.61	2.56	2.57
	126.45	122.80	122.63	42.2	41.3	41.9	3.00	2.97	2.93
<b>LOUISIANA</b>									
Baton Rouge .....	115.78	112.83	103.83	43.2	42.1	40.4	2.68	2.68	2.57
New Orleans .....	138.65	136.89	134.81	40.9	40.5	41.1	3.39	3.38	3.28
Shreveport .....	122.09	120.12	96.26	42.1	42.0	34.5	2.90	2.86	2.79
	109.62	104.80	109.52	44.2	42.6	44.7	2.48	2.46	2.45
<b>MAINE</b>									
Lewiston-Auburn .....	90.23	89.86	84.86	41.2	41.6	40.8	2.19	2.16	2.08
Portland .....	76.24	76.44	69.01	38.7	39.4	37.1	1.97	1.94	1.86
	93.38	94.58	90.58	40.6	41.3	40.8	2.30	2.29	2.22
<b>MARYLAND</b>									
Baltimore .....	113.16	110.60	105.82	41.3	41.1	40.7	2.74	2.69	2.60
	119.65	117.42	111.93	41.4	41.2	40.7	2.89	2.85	2.75
<b>MASSACHUSETTS</b>									
Boston .....	106.34	104.04	99.38	40.9	40.8	40.4	2.60	2.55	2.46
Brockton .....	114.80	111.93	106.53	41.0	40.7	40.2	2.80	2.75	2.65
Fall River .....	90.74	90.98	84.15	39.8	40.8	38.6	2.28	2.23	2.18
Lawrence-Haverhill .....	74.11	74.30	70.29	35.8	36.6	35.5	2.07	2.03	1.98
Lowell .....	95.59	95.84	91.64	39.5	40.1	39.5	2.42	2.39	2.32
New Bedford .....	92.00	87.47	84.38	40.0	39.4	39.8	2.30	2.22	2.12
Springfield-Chicopee-Holyoke .....	85.19	84.32	82.37	38.9	39.4	39.6	2.19	2.14	2.08
Worcester .....	109.33	107.53	103.22	41.1	41.2	40.8	2.66	2.61	2.53
	116.48	112.61	109.33	41.9	41.4	41.1	2.78	2.72	2.66
<b>MICHIGAN</b>									
Ann Arbor .....	148.94	142.93	141.05	43.5	43.0	43.6	3.42	3.32	3.24
Bay City <sup>2</sup> .....	141.54	140.56	128.33	41.3	42.4	39.4	3.43	3.32	3.26
Detroit .....	136.55	134.85	130.63	42.9	43.0	43.0	3.18	3.14	3.04
Flint .....	158.30	153.94	148.58	43.9	43.4	43.7	3.61	3.55	3.40
Grand Rapids .....	175.93	160.85	161.87	45.4	43.1	44.3	3.88	3.73	3.65
Kalamazoo .....	127.75	121.67	120.07	43.0	42.6	42.1	2.97	2.86	2.85
Lansing .....	136.04	134.33	122.68	45.0	44.1	42.2	3.02	3.05	2.91
Muskegon-Muskegon Heights .....	150.84	151.94	141.83	42.9	43.8	41.8	3.52	3.47	3.39
Saginaw .....	130.54	130.07	125.05	42.0	42.0	41.6	3.11	3.10	3.01
	149.69	142.75	144.47	43.2	42.6	43.9	3.47	3.35	3.29
<b>MINNESOTA</b>									
Duluth-Superior .....	115.23	114.50	112.21	41.2	41.0	41.6	2.80	2.79	2.70
Minneapolis-St. Paul .....	114.48	121.64	110.84	39.1	41.3	39.4	2.93	2.95	2.81
	124.89	123.59	120.48	41.7	41.6	41.8	2.99	2.97	2.88
<b>MISSISSIPPI</b>									
Jackson .....	79.27	79.23	76.04	41.5	41.7	41.1	1.91	1.90	1.85
	87.76	87.71	84.20	44.1	44.3	43.4	1.99	1.98	1.94
<b>MISSOURI</b>									
Kansas City .....	111.97	108.66	106.63	40.7	40.5	40.3	2.75	2.68	2.65
St. Louis .....	(1)	121.76	114.45	(1)	41.7	40.6	(1)	2.92	2.82
	122.88	121.61	120.43	40.3	40.5	40.7	3.05	3.00	2.96
<b>MONTANA</b>									
	119.07	118.08	115.46	40.5	40.3	40.8	2.94	2.93	2.83
<b>NEBRASKA</b>									
Omaha .....	108.36	105.93	105.53	43.8	43.5	43.9	2.47	2.44	2.40
	116.11	113.82	115.35	42.9	42.7	43.4	2.71	2.67	2.66

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

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

**Table C-8: 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		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
NEVADA .....	\$135.22	\$134.69	\$133.66	41.1	41.7	41.0	\$3.29	\$3.23	\$3.26
NEW HAMPSHIRE .....	87.31	87.33	84.66	40.8	41.0	40.9	2.14	2.13	2.07
Manchester .....	81.97	81.77	80.20	39.6	39.5	39.9	2.07	2.07	2.01
NEW JERSEY .....	117.42	116.31	112.07	41.2	41.1	40.9	2.85	2.83	2.74
Atlantic City .....	85.67	87.64	84.93	39.3	40.2	39.5	2.18	2.18	2.15
Jersey City <sup>3</sup> .....	115.49	115.64	109.62	41.1	41.3	40.6	2.81	2.80	2.70
Newark <sup>3</sup> .....	118.85	117.03	112.89	41.7	41.5	41.2	2.85	2.82	2.74
Paterson-Clifton-Passaic <sup>3</sup> .....	117.55	114.77	112.89	41.1	40.7	41.2	2.86	2.82	2.74
Perth Amboy <sup>3</sup> .....	123.61	123.48	119.11	41.9	42.0	41.5	2.95	2.94	2.87
Trenton .....	117.42	116.44	109.48	41.2	41.0	40.4	2.85	2.84	2.71
NEW MEXICO .....	87.61	92.57	98.88	37.6	39.9	41.9	2.33	2.32	2.36
Albuquerque .....	98.24	99.54	101.92	40.1	40.3	41.6	2.45	2.47	2.45
NEW YORK .....	111.32	110.95	106.66	39.9	40.2	39.8	2.79	2.76	2.68
Albany-Schenectady-Troy .....	125.70	122.84	118.37	41.9	41.5	41.1	3.00	2.96	2.88
Binghamton .....	106.19	106.04	108.16	41.0	41.1	41.6	2.59	2.58	2.60
Buffalo .....	137.38	134.40	130.20	42.4	42.0	42.0	3.24	3.20	3.10
Elmira .....	113.44	112.20	108.81	41.4	41.1	40.6	2.74	2.73	2.68
Monroe County <sup>4</sup> .....	134.62	131.55	126.90	42.6	42.3	42.3	3.16	3.11	3.00
Nassau and Suffolk Counties <sup>5</sup> .....	116.33	116.90	110.16	41.4	41.6	40.8	2.81	2.81	2.70
New York-Northeastern New Jersey .....	108.70	109.18	105.32	39.1	39.7	39.3	2.78	2.75	2.68
New York SMSA <sup>3</sup> .....	102.54	104.10	100.47	37.7	38.7	38.2	2.72	2.69	2.63
New York City <sup>5</sup> .....	99.90	102.38	98.40	37.0	38.2	37.7	2.70	2.68	2.61
Rochester .....	129.99	127.62	121.67	42.9	42.4	42.1	3.03	3.01	2.89
Rockland County <sup>5</sup> .....	114.09	115.51	111.10	40.6	41.7	41.3	2.81	2.77	2.69
Syracuse .....	119.77	118.24	115.23	41.3	41.2	41.3	2.90	2.87	2.79
Utica-Rome .....	112.25	108.58	101.50	42.2	41.6	40.6	2.66	2.61	2.50
Westchester County <sup>5</sup> .....	111.20	105.47	104.52	40.0	39.8	39.0	2.78	2.65	2.68
NORTH CAROLINA .....	80.90	80.48	76.36	41.7	41.7	41.5	1.94	1.93	1.84
Charlotte .....	86.09	84.84	81.64	42.2	42.0	42.3	2.04	2.02	1.93
Greensboro-High Point .....	81.81	81.59	76.38	40.5	41.0	40.2	2.02	1.99	1.90
NORTH DAKOTA .....	104.89	104.69	104.28	41.4	42.2	42.4	2.53	2.48	2.46
Fargo-Moorhead .....	103.19	111.08	109.06	37.8	41.3	41.1	2.73	2.69	2.66
OHIO .....	134.16	130.19	126.74	42.8	42.2	42.0	3.13	3.09	3.02
Akron .....	143.61	142.15	141.46	41.5	41.2	42.3	3.46	3.45	3.34
Canton .....	130.55	127.70	125.38	41.8	41.1	41.0	3.12	3.11	3.06
Cincinnati .....	124.50	120.96	117.96	42.6	42.0	41.9	2.92	2.88	2.82
Cleveland .....	138.79	133.50	130.53	43.4	42.5	42.5	3.20	3.14	3.07
Columbus .....	122.84	122.50	117.41	41.0	41.1	40.5	3.00	2.98	2.90
Dayton .....	150.36	144.60	140.55	43.4	43.1	42.9	3.46	3.35	3.28
Toledo .....	138.88	136.93	132.97	43.1	42.7	42.6	3.22	3.21	3.12
Youngstown-Warren .....	142.72	139.07	129.64	41.8	41.2	39.2	3.41	3.38	3.31
OKLAHOMA .....	105.25	104.67	103.03	41.6	41.7	42.4	2.53	2.51	2.43
Oklahoma City .....	100.74	100.14	98.04	41.8	41.9	43.0	2.41	2.39	2.28
Tulsa .....	120.27	120.53	114.97	42.8	43.2	42.9	2.81	2.79	2.68
OREGON .....	118.95	122.11	116.51	39.0	40.3	39.9	3.05	3.03	2.92
Eugene .....	124.85	126.16	121.25	40.8	41.5	41.1	3.06	3.04	2.95
Portland .....	120.26	121.09	116.23	39.3	39.7	39.4	3.06	3.05	2.95
PENNSYLVANIA .....	112.48	110.70	107.30	40.9	40.7	40.8	2.75	2.72	2.63
Allentown-Bethlehem-Easton .....	108.63	106.50	103.62	39.5	39.3	39.4	2.75	2.71	2.63
Altoona .....	92.06	92.75	87.60	40.2	40.5	40.0	2.29	2.29	2.19
Erie .....	119.99	121.11	113.82	42.7	43.1	42.0	2.81	2.81	2.71
Harrisburg .....	98.25	98.17	95.41	40.1	40.4	40.6	2.45	2.43	2.35
Johnstown .....	109.82	109.33	104.62	37.1	37.7	37.1	2.96	2.90	2.82
Lancaster .....	102.83	102.17	100.44	41.8	41.7	42.2	2.46	2.45	2.38
Philadelphia .....	120.01	117.67	113.70	41.1	41.0	40.9	2.92	2.87	2.78
Pittsburgh .....	134.69	130.65	126.05	41.7	40.7	40.4	3.23	3.21	3.12
Reading .....	101.40	95.11	95.34	40.4	39.3	40.4	2.51	2.42	2.36
Scranton .....	84.64	83.38	79.76	38.3	38.6	37.8	2.21	2.16	2.11
Wilkes-Barre-Hazleton .....	78.07	78.38	73.03	37.0	37.5	35.8	2.11	2.09	2.04
York .....	98.75	98.60	90.91	42.2	42.5	41.7	2.34	2.32	2.18
RHODE ISLAND .....	94.35	93.48	90.64	41.2	41.0	41.2	2.29	2.28	2.20
Providence-Pawtucket-Warwick .....	95.58	93.94	90.42	41.2	41.2	41.1	2.32	2.28	2.20

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

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## ESTABLISHMENT DATA STATE AND AREA HOURS AND EARNINGS

**Table C-8: 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		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
<b>SOUTH CAROLINA</b> .....	\$83.16	\$82.54	\$79.65	42.0	41.9	41.7	\$1.98	\$1.97	\$1.91
Charleston .....	93.48	93.89	86.74	41.0	41.0	41.5	2.28	2.29	2.09
Greenville .....	84.35	84.32	78.49	42.6	42.8	42.2	1.98	1.97	1.86
<b>SOUTH DAKOTA</b> .....	112.24	107.07	103.24	46.0	44.8	43.1	2.44	2.39	2.40
Sioux Falls .....	132.76	124.75	123.56	48.1	46.9	46.6	2.76	2.66	2.65
<b>TENNESSEE</b> .....	89.82	88.15	87.56	41.2	41.0	41.3	2.18	2.15	2.12
Chattanooga .....	97.82	87.17	93.52	41.1	38.4	41.2	2.38	2.27	2.27
Knoxville .....	101.27	100.37	99.77	41.0	40.8	41.4	2.47	2.46	2.41
Memphis .....	100.26	101.04	100.86	41.6	42.1	42.2	2.41	2.40	2.39
Nashville .....	97.64	97.34	95.95	41.2	41.6	41.9	2.37	2.34	2.29
<b>TEXAS</b> .....	110.14	107.68	104.33	42.2	41.9	41.9	2.61	2.57	2.49
Austin .....	79.79	80.78	73.35	39.5	40.8	40.3	2.02	1.98	1.82
Beaumont-Port Arthur .....	136.35	131.53	139.83	40.7	40.1	42.5	3.35	3.28	3.29
Corpus Christi .....	132.54	126.23	122.01	43.6	42.5	41.5	3.04	2.97	2.94
Dallas .....	100.14	97.94	94.35	41.9	41.5	41.2	2.39	2.36	2.29
El Paso .....	77.83	75.46	76.40	41.4	39.3	38.2	1.88	1.92	2.00
Fort Worth .....	122.84	116.45	111.41	43.1	42.5	42.2	2.85	2.74	2.64
Houston .....	130.46	130.29	125.71	43.2	43.0	43.2	3.02	3.03	2.91
San Antonio .....	84.40	84.82	78.78	42.2	42.2	40.4	2.00	2.01	1.95
<b>UTAH</b> .....	120.13	122.07	112.68	41.0	41.1	40.1	2.93	2.97	2.81
Salt Lake City .....	116.88	116.72	114.26	41.3	41.1	41.7	2.83	2.84	2.74
<b>VERMONT</b> .....	100.92	99.39	93.29	43.5	43.4	42.6	2.32	2.29	2.19
Burlington .....	105.95	105.36	102.70	43.6	43.9	43.7	2.43	2.40	2.35
Springfield .....	116.95	116.93	104.66	44.3	44.8	42.2	2.64	2.61	2.48
<b>VIRGINIA</b> .....	90.23	91.12	88.40	41.2	41.8	41.5	2.19	2.18	2.13
Lynchburg .....	87.14	88.94	84.82	42.3	43.6	42.2	2.06	2.04	2.01
Norfolk-Portsmouth .....	94.43	91.96	90.23	41.6	41.8	41.2	2.27	2.20	2.19
Richmond .....	100.70	100.60	95.51	41.1	41.4	40.3	2.45	2.43	2.37
Roanoke .....	88.37	87.15	86.76	42.9	42.1	43.6	2.06	2.07	1.99
<b>WASHINGTON</b> .....	128.05	130.57	118.89	39.4	40.3	38.6	3.25	3.24	3.08
Seattle-Everett .....	131.87	136.53	117.31	39.6	41.0	37.6	3.33	3.33	3.12
Spokane .....	129.23	127.51	124.80	39.4	39.6	40.0	3.28	3.22	3.12
Tacoma .....	126.88	125.44	122.06	38.8	39.2	39.5	3.27	3.20	3.09
<b>WEST VIRGINIA</b> .....	115.71	113.52	110.12	40.6	40.4	39.9	2.85	2.81	2.76
Charleston .....	144.19	139.83	134.96	43.3	42.5	41.4	3.33	3.29	3.26
Huntington-Ashland .....	123.53	116.66	116.62	40.5	38.0	39.4	3.05	3.07	2.96
Wheeling .....	118.78	117.96	115.95	41.1	41.1	40.4	2.89	2.87	2.87
<b>WISCONSIN</b> .....	122.12	118.61	113.24	42.4	42.0	41.4	2.88	2.82	2.73
Green Bay .....	122.34	119.29	112.87	45.5	43.7	43.1	2.69	2.73	2.62
Kenosha .....	136.82	128.88	124.81	40.7	39.3	38.7	3.36	3.28	3.22
La Crosse .....	103.99	105.05	102.62	39.0	39.3	38.5	2.67	2.67	2.66
Madison .....	129.63	122.48	125.32	42.3	41.2	42.9	3.07	2.97	2.92
Milwaukee .....	135.49	132.84	125.58	42.0	41.8	41.1	3.23	3.18	3.06
Racine .....	127.45	124.11	117.45	41.3	40.9	40.1	3.09	3.04	2.93
<b>WYOMING</b> .....	116.61	115.34	107.62	39.0	39.5	37.5	2.99	2.92	2.87
Casper .....	132.51	122.75	122.14	40.4	38.6	36.9	3.28	3.18	3.31

<sup>1</sup>Not available.

<sup>2</sup>Initial inclusion in this publication.

<sup>3</sup>Area included in New York-Northeastern New Jersey Standard Consolidated Area.

<sup>4</sup>Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>5</sup>Subarea 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  
1956 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1956.....	3.8	3.6	3.6	4.0	4.1	5.1	4.3	4.9	5.2	5.1	3.6	2.7	4.2
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 <sup>1</sup> .....	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	5.8				
New hires													
1956.....	2.5	2.4	2.2	2.5	2.8	3.6	2.9	3.4	3.4	3.2	2.3	1.8	2.8
1957.....	2.3	2.0	2.0	2.1	2.3	3.2	2.8	2.7	2.5	2.1	1.3	.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.....	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	4.6				
Total separations													
1956.....	4.1	4.1	3.9	3.9	4.3	4.2	3.8	4.6	5.5	4.4	4.0	3.4	4.2
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 <sup>1</sup> .....	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	4.2	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	5.7	4.4	3.9	4.1	4.1
1966.....	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.5				
Quits													
1956.....	1.6	1.6	1.7	1.8	1.8	2.0	1.9	2.7	3.2	2.1	1.6	1.2	1.9
1957.....	1.5	1.4	1.5	1.6	1.6	1.6	1.7	2.3	2.7	1.6	1.1	.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	1.0	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	4.4				
Layoffs													
1956.....	1.9	2.0	1.7	1.6	1.9	1.6	1.5	1.4	1.8	1.7	1.9	1.8	1.7
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.....	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	1.1				

<sup>1</sup>Beginning 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

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966
	<b>MANUFACTURING . . . . .</b>	5.8	6.4	4.6	4.8	6.5	5.8	4.4	3.6	1.1	1.1
19,24,25,32-39	<b>DURABLE GOODS . . . . .</b>	5.6	6.2	4.5	4.5	6.0	5.5	4.1	3.4	.8	1.1
20-23,26-31	<b>NONDURABLE GOODS . . . . .</b>	6.2	6.7	4.8	5.2	7.3	6.1	4.9	4.0	1.5	1.3
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES . . . . .</b>	4.0	4.2	3.6	3.4	3.1	3.1	2.1	1.9	.4	.4
192	Ammunition, except for small arms . . . . .	3.5	4.1	3.1	3.3	3.1	3.1	2.0	1.8	.5	.5
194	Sighting and fire control equipment . . . . .	3.0	3.3	3.0	2.5	2.2	1.9	1.8	1.1	.1	.1
191,3,5,6,9	Other ordnance and accessories . . . . .	6.1	4.8	5.6	4.1	3.0	3.5	2.2	2.3	.1	.3
24	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE . . . . .</b>	7.0	7.0	6.2	6.3	9.4	8.6	6.8	6.1	1.4	1.4
242	Sawmills and planing mills . . . . .	6.0	6.5	5.4	6.0	8.7	7.9	6.6	6.0	1.1	.9
2421	Sawmills and planing mills, general . . . . .	5.7	5.9	5.1	5.5	8.5	7.6	6.3	5.6	1.2	.9
243	Millwork, plywood, and related products . . . . .	5.8	5.5	5.3	5.0	9.8	8.6	6.4	5.6	2.3	1.9
2431	Millwork . . . . .	4.1	4.8	3.9	4.3	8.9	8.1	5.6	5.4	2.3	1.8
2432	Veneer and plywood . . . . .	6.8	5.8	6.1	5.3	8.5	7.6	6.8	5.3	.5	1.1
244	Wooden containers . . . . .	7.8	8.9	6.4	8.1	9.4	10.1	6.7	6.7	1.2	2.1
2441,2	Wooden boxes, shooks, and crates . . . . .	6.8	9.3	6.3	8.6	9.7	10.4	6.8	7.1	1.3	1.9
249	Miscellaneous wood products . . . . .	8.9	7.5	8.3	6.5	9.0	8.4	7.0	5.8	.7	1.5
25	<b>FURNITURE AND FIXTURES . . . . .</b>	8.2	8.9	7.3	7.9	7.9	8.4	6.1	6.2	.5	.7
251	Household furniture . . . . .	8.3	8.9	7.4	8.1	7.7	8.5	6.1	6.4	.3	.7
2511	Wood house furniture, unupholstered . . . . .	8.8	9.3	8.3	8.5	8.5	8.8	7.0	7.1	.2	.3
2512	Wood house furniture, upholstered . . . . .	5.9	7.0	5.5	6.4	6.0	6.3	4.5	5.0	.3	.3
2515	Mattresses and bedsprings . . . . .	7.2	9.0	6.4	8.4	6.8	7.5	5.1	5.8	.4	.3
252	Office furniture . . . . .	(1)	7.3	(1)	6.6	(1)	6.8	(1)	4.6	(1)	.5
32	<b>STONE, CLAY, AND GLASS PRODUCTS . . . . .</b>	4.5	5.0	3.8	4.1	6.7	5.9	4.4	3.6	1.1	1.0
321	Flat glass . . . . .	(1)	2.5	(1)	1.1	(1)	4.4	(1)	1.2	(1)	2.6
322	Glass and glassware, pressed or blown . . . . .	4.7	4.9	3.8	4.0	6.2	5.3	4.0	3.4	.9	.5
3221	Glass containers . . . . .	4.4	4.7	3.8	4.1	7.0	5.9	4.6	4.3	1.1	.6
3229	Pressed and blown glassware, n.e.c. . . . .	5.0	5.1	4.0	3.9	5.3	4.7	3.3	2.2	.6	.3
324	Cement, hydraulic . . . . .	1.3	1.8	1.2	1.6	4.3	4.0	3.0	1.6	.6	.8
325	Structural clay products . . . . .	4.5	4.9	4.1	4.1	8.0	7.3	5.8	4.8	1.1	1.5
3251	Brick and structural clay tile . . . . .	4.5	4.9	4.3	4.6	8.7	7.9	6.7	5.6	.8	1.3
326	Pottery and related products . . . . .	6.4	6.4	5.4	4.9	7.0	5.4	4.7	3.7	1.0	.7
3291	Abrasive products . . . . .	4.0	3.0	3.5	2.7	5.7	3.3	4.5	2.1	.1	.2
33	<b>PRIMARY METAL INDUSTRIES . . . . .</b>	3.7	4.4	3.1	3.1	5.5	4.3	3.7	2.7	.7	.5
331	Blast furnace and basic steel products . . . . .	2.7	2.6	2.2	2.0	5.4	3.5	3.7	2.1	.7	.3
3312	Blast furnaces, steel and rolling mills . . . . .	2.4	2.4	2.0	1.8	5.3	3.4	3.6	2.0	.7	.2
332	Iron and steel foundries . . . . .	4.8	7.9	4.3	4.7	5.8	5.8	4.0	3.9	.7	.6
3321	Gray iron foundries . . . . .	4.9	9.4	4.4	4.7	5.7	6.0	4.2	4.3	.5	.5
3322	Malleable iron foundries . . . . .	6.8	6.8	5.4	5.5	7.2	6.9	4.9	4.1	1.1	1.5
3323	Steel foundries . . . . .	3.8	5.2	3.5	4.5	5.5	5.2	3.2	3.2	1.0	.4
333,4	Nonferrous smelting and refining . . . . .	3.5	4.0	2.9	3.5	5.3	3.9	3.9	2.6	.1	.2
335	Nonferrous rolling, drawing, and extruding . . . . .	4.8	5.1	3.2	3.2	4.9	4.4	2.7	2.2	1.3	1.3
3351	Copper rolling, drawing, and extruding . . . . .	3.3	3.2	3.1	2.7	4.1	3.1	3.2	1.9	.1	.2
3352	Aluminum rolling, drawing, and extruding . . . . .	2.7	3.5	2.4	3.0	4.2	3.8	2.4	2.4	.6	.4
3357	Nonferrous wire drawing, and insulating . . . . .	8.5	8.5	4.4	3.7	6.4	6.3	2.5	2.1	3.0	3.3
336	Nonferrous foundries . . . . .	6.2	7.4	5.9	6.6	7.1	6.9	5.1	5.1	.6	.6
3361	Aluminum castings . . . . .	6.9	6.9	6.4	6.2	7.9	7.0	5.6	5.4	.6	.5
3362,9	Other nonferrous castings . . . . .	5.6	7.9	5.3	7.0	6.4	6.7	4.6	4.8	.6	.6
339	Miscellaneous primary metal industries . . . . .	4.5	5.2	4.3	3.6	5.0	3.9	3.7	2.7	.1	.2
3391	Iron and steel forgings . . . . .	4.3	5.7	4.2	3.4	4.6	3.6	3.3	2.5	.1	.1

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

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

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966
<i>Durable Goods--Continued</i>											
34	<b>FABRICATED METAL PRODUCTS</b>	5.8	7.1	5.0	5.4	6.8	6.3	4.6	4.0	1.0	1.0
341	Metal cans	5.5	5.6	3.5	3.5	9.6	6.8	5.2	3.4	3.2	2.0
342	Cutlery, hand tools, and general hardware	5.5	7.4	4.3	4.7	6.3	5.8	4.6	3.5	.5	1.3
3421,3,5	Cutlery and hand tools, including saws	4.0	5.3	3.6	4.5	4.7	4.4	3.8	3.1	.1	.5
3429	Hardware, n.e.c.	6.5	8.9	4.8	4.8	7.5	6.7	5.2	3.7	.8	1.8
343	Heating equipment and plumbing fixtures	4.9	5.6	4.7	5.1	7.2	5.7	4.9	3.6	1.1	.8
3431,2	Sanitary ware and plumbers' brass goods	3.7	4.5	3.5	3.8	6.1	5.3	4.0	3.1	1.0	.9
3433	Heating equipment, except electric	5.9	6.6	5.7	6.1	8.0	6.0	5.6	4.0	1.2	.7
344	Fabricated structural metal products	5.4	6.2	5.1	5.7	7.0	6.5	4.7	4.4	1.2	1.0
3441	Fabricated structural steel	5.4	6.5	5.1	6.0	7.2	6.5	4.7	4.3	1.3	1.0
3443	Fabricated plate work (boiler shops)	4.3	4.5	4.0	4.2	4.9	4.6	3.4	3.1	.7	.6
3446,9	Architectural and miscellaneous metal work	5.0	6.6	4.6	5.8	7.6	6.9	5.3	4.8	1.2	1.1
345	Screw machine products, bolts, etc.	6.0	6.0	5.4	5.5	6.5	5.8	4.8	4.3	.5	.2
3452	Bolts, nuts, screws, rivets, and washers	5.1	4.9	4.4	4.3	5.3	5.1	4.0	3.6	.2	.2
346	Metal stampings	6.7	10.9	4.9	5.6	5.5	6.0	3.5	3.2	1.2	1.6
348	Miscellaneous fabricated wire products	6.4	6.5	6.0	6.1	6.7	6.4	4.9	4.8	.5	.5
349	Miscellaneous fabricated metal products	4.3	4.6	3.7	3.9	5.6	5.4	3.9	3.3	.7	1.0
3494,8	Valves, pipe, and pipe fittings	4.4	4.3	4.1	3.9	5.5	5.0	3.9	3.3	.6	.7
35	<b>MACHINERY</b>	4.3	4.4	3.8	3.5	5.1	4.5	3.5	2.7	.5	.8
351	Engines and turbines	5.8	5.6	3.0	3.1	5.9	5.3	3.0	2.2	1.6	2.1
3511	Steam engines and turbines	1.9	2.2	1.2	1.5	2.6	2.1	1.4	.8	(2)	(2)
3519	Internal combustion engines, n.e.c.	7.9	7.3	4.1	4.0	7.7	7.1	3.9	2.9	2.5	3.2
352	Farm machinery and equipment	5.4	5.0	4.9	3.3	6.4	5.8	4.2	3.0	.7	1.7
353	Construction and related machinery	3.5	3.6	3.3	3.3	4.6	3.9	3.2	2.5	.3	.4
3531,2	Construction and mining machinery	3.1	3.3	2.9	3.0	4.2	3.4	3.0	2.0	.1	.2
3533	Oil field machinery, and equipment	3.7	3.5	3.5	3.3	5.1	4.7	3.7	3.5	.3	.2
3535,6	Conveyors, hoists, and industrial cranes	3.5	4.0	3.5	3.8	5.2	4.3	3.7	3.0	.6	.5
354	Metalworking machinery and equipment	3.7	4.1	3.4	3.1	4.3	4.2	3.2	2.5	.2	.9
3541	Machine tools, metal cutting types	3.5	3.1	3.3	2.9	3.9	3.0	3.0	2.2	(2)	(2)
3545	Machine tool accessories	3.5	4.7	3.4	3.6	4.3	3.8	3.3	2.6	(2)	.3
3542,8	Miscellaneous metalworking machinery	3.2	3.1	2.9	2.6	3.5	3.2	2.6	2.0	.2	.3
355	Special industry machinery	3.6	3.7	3.3	3.3	4.6	3.7	3.2	2.6	.3	.3
3551	Food products machinery	3.1	3.4	2.9	3.0	3.9	3.3	2.6	2.3	.3	.3
3552	Textile machinery	5.3	4.9	4.9	4.0	6.7	5.0	4.4	3.3	.7	.6
356	General industrial machinery	3.9	4.6	3.4	3.5	4.8	4.4	3.4	2.7	.5	.9
3561	Pumps; air and gas compressors	3.6	3.8	3.4	3.5	4.7	4.0	3.6	2.9	.1	.2
3562	Ball and roller bearings	(1)	6.1	(1)	2.9	(1)	5.7	(1)	1.8	(1)	3.1
3566	Mechanical power transmission goods	3.4	3.6	3.3	3.3	4.6	3.9	3.3	2.7	.2	.2
357	Office, computing, and accounting machines	4.2	3.6	3.5	2.9	4.9	3.1	3.4	1.9	.2	.2
3571	Computing machines and cash registers	3.6	3.1	2.9	2.4	4.5	2.9	2.9	1.6	.3	.2
358	Service industry machines	6.6	4.7	5.5	4.0	7.4	5.8	5.2	3.5	.9	.9
3585	Refrigeration, except home refrigerators	7.2	4.2	5.5	3.4	7.9	5.7	5.2	3.2	1.4	1.2
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	5.4	5.9	4.6	4.6	5.6	4.5	4.0	3.1	.5	.3
361	Electric distribution equipment	4.4	4.4	4.0	3.7	4.7	3.9	3.6	2.9	.2	.1
3611	Electric measuring instruments	5.6	5.8	4.9	4.9	5.7	4.9	4.2	3.6	.4	.2
3612	Power and distribution transformers	4.0	3.9	3.5	3.1	4.7	3.3	3.7	2.3	.1	.1
3613	Switchgear and switchboard apparatus	3.6	3.5	3.4	3.1	3.7	3.6	2.9	2.5	.1	(2)
362	Electrical industrial apparatus	4.7	4.4	4.2	3.7	5.7	4.1	4.1	2.9	.5	.3
3621	Motors and generators	4.8	4.2	4.2	3.6	5.1	3.9	3.8	2.6	.4	.3
3622	Industrial controls	4.6	4.3	4.0	3.8	6.5	4.1	4.4	3.3	.8	.1
363	Household appliances	5.9	7.4	5.0	4.3	6.8	5.0	5.2	3.1	.4	.6
3632	Household refrigerators and freezers	6.1	11.6	5.2	4.2	6.6	4.2	5.4	2.5	.1	.2
3633	Household laundry equipment	4.0	4.5	3.2	3.9	6.6	5.1	5.2	3.5	.4	.6
3634	Electric housewares and fans	6.8	7.7	5.3	5.8	7.1	6.8	5.1	4.3	.5	1.6
364	Electric lighting and wiring equipment	5.5	6.1	4.7	5.0	6.0	4.9	4.4	3.6	.7	.3
3641	Electric lamps	3.1	5.3	2.8	3.4	2.9	2.6	2.0	1.9	.1	.1
3642	Lighting fixtures	5.4	7.6	4.2	6.4	6.3	6.1	3.8	4.3	1.4	.6
3643,4	Wiring devices	(1)	5.4	(1)	4.7	(1)	5.0	(1)	3.8	(1)	.3
365	Radio and TV receiving sets	9.1	11.4	7.8	9.2	6.0	6.5	4.3	4.5	.5	.2
366	Communication equipment	3.7	3.7	3.1	3.0	3.9	3.1	2.6	2.0	.3	.4
3661	Telephone and telegraph apparatus	(1)	1.6	(1)	1.4	(1)	2.7	(1)	1.8	(1)	.3
3662	Radio and TV communication equipment	3.9	4.4	3.2	3.6	3.7	3.3	2.5	2.0	.3	.4
367	Electronic components and accessories	6.4	6.7	5.3	5.3	7.8	5.5	5.3	4.0	1.2	.3
3671-3	Electron tubes	5.6	6.4	5.0	4.8	6.1	4.1	4.0	2.8	.5	.1
3674,9	Electronic components, n.e.c.	6.5	6.8	5.4	5.4	8.3	5.9	5.7	4.3	1.4	.3
369	Miscellaneous electrical equipment and supplies	4.7	6.3	4.0	5.3	3.9	4.3	2.8	2.8	.2	.3
3694	Electrical equipment for engines	4.3	5.6	3.7	4.4	2.9	3.2	1.7	2.1	.2	.2

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



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

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966
<i>Durable Goods--Continued</i>											
37	<b>TRANSPORTATION EQUIPMENT</b> .....	7.5	9.0	4.3	4.0	5.5	6.4	3.1	2.5	1.4	2.8
371	Motor vehicles and equipment .....	(1)	13.7	(1)	3.2	(1)	8.7	(1)	2.1	(1)	5.4
3711	Motor vehicles .....	(1)	20.9	(1)	2.9	(1)	10.0	(1)	2.0	(1)	6.7
3712	Passenger car bodies .....	(1)	26.5	(1)	.7	(1)	19.3	(1)	1.1	(1)	17.2
3713	Truck and bus bodies .....	(1)	6.4	(1)	5.8	(1)	8.6	(1)	3.8	(1)	3.0
3714	Motor vehicle parts and accessories .....	(1)	8.3	(1)	3.3	(1)	6.9	(1)	2.0	(1)	3.8
372	Aircraft and parts .....	4.4	4.7	3.7	4.0	4.1	3.3	2.8	2.2	.5	.3
3721	Aircraft .....	4.3	4.6	3.7	3.9	3.7	2.9	2.7	2.1	.3	.2
3722	Aircraft engines and engine parts .....	3.7	4.0	2.6	3.0	3.6	3.2	2.1	1.9	.9	.7
3723,9	Other aircraft parts and equipment .....	6.3	6.4	5.7	5.8	6.4	4.5	4.2	3.1	.4	.2
373	Ship and boat building and repairing .....	11.4	8.7	6.4	5.7	10.5	10.1	4.1	4.1	5.0	4.4
3731	Ship building and repairing .....	11.6	9.2	6.1	5.9	11.0	10.1	3.7	3.8	5.9	4.8
374	Railroad equipment .....	4.6	6.4	3.8	3.8	5.1	5.4	2.5	2.1	1.3	1.9
375,9	Other transportation equipment .....	10.2	10.4	8.5	9.1	13.3	10.8	9.1	7.4	2.1	1.5
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	4.2	4.3	3.8	3.8	4.8	3.7	3.6	2.6	.3	.3
381	Engineering and scientific instruments .....	4.2	3.6	4.0	3.1	4.2	2.6	3.4	2.0	.2	.1
382	Mechanical measuring and control devices .....	4.1	4.5	3.5	3.9	5.4	4.1	3.6	2.7	.6	.6
3821	Mechanical measuring devices .....	3.8	3.8	3.2	3.6	4.9	4.1	3.6	2.6	.5	.7
3822	Automatic temperature controls .....	4.5	5.7	4.0	4.3	6.0	4.2	3.6	2.8	.9	.3
383,5	Optical and ophthalmic goods .....	4.8	4.8	4.4	4.1	5.6	4.9	4.3	3.7	.5	.5
384	Surgical, medical, and dental equipment .....	4.3	4.8	3.9	4.5	5.2	4.6	4.0	3.3	.2	.2
386	Photographic equipment and supplies .....	(1)	3.3	(1)	3.1	(1)	2.2	(1)	1.5	(1)	.1
387	Watches and clocks .....	6.1	6.1	5.7	5.2	6.0	5.0	4.8	3.4	.2	.2
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	7.5	8.3	6.6	7.2	7.7	7.2	5.5	4.9	1.0	1.1
391	Jewelry, silverware, and plated ware .....	6.2	6.8	5.6	5.3	5.9	4.9	5.1	3.9	.2	.2
394	Toys, amusement, and sporting goods .....	11.3	12.7	9.9	10.9	10.8	10.4	8.0	6.9	1.0	1.8
3941-3	Toys, games, dolls, and play vehicles .....	12.7	15.3	11.6	13.6	11.6	10.9	8.7	7.7	.9	1.2
3949	Sporting and athletic goods, n.e.c. ....	8.9	7.9	6.8	6.0	9.5	9.5	6.7	5.5	1.2	2.9
395	Pens, pencils, office and art materials .....	4.6	5.6	4.2	5.1	5.6	5.0	4.3	3.9	.3	.3
396	Cosume jewelry, buttons, and notions .....	5.5	7.6	4.8	6.5	7.3	7.3	5.2	5.3	1.3	1.0
393,8,9	Other manufacturing industries .....	6.3	6.4	5.4	5.6	6.5	5.9	4.2	3.9	1.3	.9
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	9.1	10.3	6.7	7.9	11.3	7.9	6.7	4.7	3.5	2.3
201	Meat products .....	8.2	7.8	5.4	5.2	8.1	8.2	5.0	4.9	2.3	2.5
2011	Meat packing .....	6.8	5.9	3.0	2.4	6.5	6.7	2.6	2.2	3.3	3.9
2015	Poultry dressing and packing .....	14.1	14.7	12.7	13.2	13.9	14.2	12.2	12.6	.8	.4
204	Grain mill products .....	6.0	4.2	4.9	3.2	6.9	4.6	4.4	3.0	1.6	1.0
2041	Flour and other grain mill products .....	3.7	2.8	3.4	2.5	5.1	3.8	3.6	2.5	.5	.8
2042	Prepared feeds for animals and fowls .....	4.4	4.6	4.0	3.7	5.6	4.7	4.3	3.6	.7	.6
205	Bakery products .....	4.2	5.1	3.8	4.5	5.8	5.2	4.0	3.8	.8	.6
2051	Bread, cake, and perishable products .....	4.0	4.5	3.7	4.2	5.4	4.9	3.8	3.8	.8	.5
2052	Biscuit, crackers, and pretzels .....	5.6	8.1	4.5	5.8	8.3	6.8	4.8	3.8	1.1	1.3
207	Confectionery and related products .....	10.7	11.8	8.4	8.1	9.1	7.0	7.0	5.5	1.2	.6
2071	Candy and other confectionery products .....	12.5	13.5	9.7	9.1	10.4	7.8	7.9	6.3	1.5	.5
208	Beverages .....	6.4	6.1	4.9	4.7	9.0	7.7	5.3	4.3	2.7	2.3
2082	Malt liquors .....	4.0	3.8	2.2	1.7	8.5	5.6	2.9	1.4	5.0	3.7
21	<b>TOBACCO MANUFACTURES</b> .....	7.3	15.9	4.8	10.0	5.1	8.3	3.8	2.8	.7	4.8
211	Cigarettes .....	1.4	1.9	1.3	1.5	3.3	1.9	2.8	1.2	(2)	.1
212	Cigars .....	7.7	7.8	6.0	5.7	7.7	6.9	6.9	5.7	.4	.8

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

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966
<i>Nondurable Goods--Continued</i>											
22	<b>TEXTILE MILL PRODUCTS</b>	5.9	6.3	4.9	5.2	6.5	6.5	4.9	4.9	0.6	0.6
221	Cotton broad woven fabrics	5.8	6.0	4.7	4.9	5.8	6.1	4.7	4.9	.2	.1
222	Silk and synthetic broad woven fabrics	5.6	6.1	4.9	5.1	6.3	6.1	5.1	4.5	.3	.5
223	Weaving and finishing broad woolens	4.7	4.8	3.3	3.8	7.8	7.3	4.5	4.0	2.0	1.6
224	Narrow fabrics and smallwares	5.8	6.1	5.1	5.1	5.6	5.3	4.6	4.0	.2	.4
225	Knitting	5.2	6.0	4.2	4.9	6.3	6.2	4.7	4.7	.9	.7
2251	Women's full and knee length hosiery	4.5	5.5	3.9	4.8	5.1	4.7	4.3	4.1	.4	.2
2252	All other hosiery	5.1	6.2	4.5	5.5	6.1	5.9	5.0	4.9	.5	.3
2254	Knit underwear	5.2	5.0	4.4	4.0	5.0	5.1	4.7	4.6	.1	.1
226	Finishing textiles, except wool and knit	4.5	4.9	3.8	4.0	5.0	6.0	3.6	4.2	.6	.8
227	Floor covering	6.9	6.9	6.3	5.8	5.9	5.6	4.6	4.0	.2	.4
228	Yarn and thread	8.5	8.8	7.1	7.2	8.9	9.1	6.7	6.9	1.1	.8
229	Miscellaneous textile goods	6.9	6.9	5.8	5.2	7.0	6.5	5.1	4.5	.7	1.0
23	<b>APPAREL AND RELATED PRODUCTS</b>	6.5	7.5	4.7	5.4	6.9	7.2	4.5	4.6	1.6	1.8
231	Men's and boys' suits and coats	3.7	5.5	3.0	4.0	3.9	4.4	2.6	3.1	.5	.6
232	Men's and boys' furnishings	6.5	7.4	5.4	6.2	6.9	7.3	5.6	6.0	.5	.5
2321	Men's and boys' shirts and nightwear	6.2	7.1	4.7	5.6	6.8	7.1	5.5	5.9	.5	.4
2327	Men's and boys' separate trousers	6.2	7.3	5.4	6.2	6.3	7.1	5.3	6.0	.2	.5
2328	Work clothing	7.2	8.3	6.2	7.3	7.3	8.2	6.5	7.0	.2	.5
234	Women's and children's undergarments	6.9	8.1	5.5	6.4	7.0	7.0	5.2	5.4	.8	.7
2341	Women's and children's underwear	7.4	8.8	5.9	6.8	7.4	7.2	5.8	5.8	.6	.5
2342	Corsets and allied garments	6.0	6.8	4.6	5.7	6.4	6.6	4.1	4.6	1.3	1.0
26	<b>PAPER AND ALLIED PRODUCTS</b>	4.7	4.4	4.3	3.9	6.4	5.1	4.9	3.5	.5	.5
261,2,6	Paper and pulp	2.8	2.4	2.4	2.0	4.9	3.1	3.8	2.1	.5	.4
263	Paperboard	3.3	3.1	2.8	2.9	5.9	3.8	4.7	2.6	.3	.3
264	Converted paper and paperboard products	5.3	5.5	4.7	4.8	7.2	6.2	5.3	4.2	.9	.8
2643	Bags, except textile bags	7.4	7.2	6.7	5.8	8.3	7.9	6.0	5.5	.7	.8
265	Paperboard containers and boxes	6.8	6.0	6.4	5.5	7.6	6.6	5.9	4.8	.4	.5
2651,2	Folding and setup paperboard boxes	7.8	7.1	7.4	6.6	7.3	6.9	5.8	5.2	.3	.3
2653	Corrugated and solid fiber boxes	6.9	5.8	6.7	5.5	8.0	6.5	6.4	5.0	.4	.3
	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>	4.6	4.4	3.8	3.7	4.9	4.6	3.5	3.1	.7	.
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	3.0	2.8	2.6	2.4	4.3	3.0	3.1	2.1	.6	.3
281	Industrial chemicals	1.8	1.7	1.6	1.4	3.3	2.2	2.4	1.5	.3	.1
282	Plastics materials and synthetics	2.3	2.1	2.0	1.9	3.8	2.6	2.8	1.8	.5	.2
2821	Plastics materials and resins	2.7	2.5	2.5	2.4	5.0	3.1	4.2	2.4	.2	(2)
2823,4	Synthetic fibers	2.0	1.8	1.7	1.5	2.9	2.3	1.6	1.4	.9	.4
283	Drugs	2.8	2.6	2.6	2.4	3.9	2.8	2.9	2.1	.6	.3
2834	Pharmaceutical preparations	2.8	2.8	2.5	2.5	4.3	2.9	3.1	2.2	.8	.3
284	Soap, cleaners, and toilet goods	5.7	5.2	5.3	4.5	6.6	4.6	4.7	3.1	1.0	.6
2841	Soap and detergents	3.6	3.7	3.2	3.3	5.8	3.8	4.1	2.5	1.2	.7
2844	Toilet preparations	9.4	8.1	8.8	6.9	8.6	6.1	5.9	3.9	1.2	.7
285	Paints, varnishes, and allied products	2.6	2.9	2.4	2.6	5.6	4.0	4.3	2.7	.3	.4
286,9	Other chemical products	4.4	4.2	3.6	3.8	4.9	3.7	3.8	2.7	.5	.4
29	<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>	1.8	2.0	1.6	1.7	3.7	2.6	2.5	1.4	.5	.6
291	Petroleum refining	1.3	1.5	1.1	1.3	2.9	1.9	1.9	1.0	.3	.5
295,9	Other petroleum and coal products	3.9	3.8	3.3	3.3	7.1	5.5	4.7	3.1	1.4	1.1
30	<b>RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</b>	6.8	7.1	6.0	5.7	7.2	6.2	5.2	4.3	.7	.6
301	Tires and inner tubes	2.2	2.2	1.8	1.7	3.7	2.3	2.7	1.4	.3	.2
302,3,6	Other rubber products	5.9	6.6	4.7	4.6	6.4	5.5	4.4	3.6	.8	.8
307	Miscellaneous plastics products	9.7	9.8	8.9	8.4	9.5	8.6	7.0	6.3	.9	.6

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

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966
<i>Nondurable Goods--Continued</i>											
31	LEATHER AND LEATHER PRODUCTS .....	6.8	7.3	5.3	5.6	8.5	7.8	6.1	5.9	1.4	0.9
311	Leather tanning and finishing .....	4.2	5.9	3.4	4.1	7.8	6.8	3.4	4.3	3.2	1.6
314	Footwear, except rubber .....	6.3	6.6	4.8	5.1	8.3	7.7	6.2	6.0	1.1	.7
<b>NONMANUFACTURING</b>											
10	METAL MINING .....	2.8	3.6	2.3	2.7	5.9	3.8	4.7	2.7	.3	.2
101	Iron ores .....	1.5	1.8	.9	1.0	5.0	2.0	3.2	1.0	.8	.2
102	Copper Ores .....	2.7	3.4	2.3	2.0	4.7	3.2	3.9	2.3	.1	.1
11,12	COAL MINING .....	1.9	2.2	1.2	1.4	2.0	1.5	1.1	.9	.2	.2
12	Bituminous .....	1.8	2.1	1.2	1.5	1.9	1.6	1.2	.9	.1	.2
<b>COMMUNICATION:</b>											
481	Telephone communication .....	(1)	2.8	-	-	(1)	2.6	(1)	2.0	(1)	.2
482	Telegraph communication <sup>3</sup> .....	(1)	3.0	-	-	(1)	2.7	(1)	1.6	(1)	.5

<sup>1</sup>Not available.

<sup>2</sup>Less than 0.05

<sup>3</sup>Data relate to all employees except messengers.

NOTE: Data for the current month are preliminary.

**Table D-3: Labor turnover rates in manufacturing, by sex and major industry<sup>1</sup>**

July 1966

Major industry group	Men (per 100 men)			Women (per 100 women)		
	Total accessions	Separations		Total accessions	Separations	
		Total	Quits		Total	Quits
<b>MANUFACTURING</b> .....	4.7	5.2	2.3	6.3	5.8	3.0
<b>DURABLE GOODS</b> ...	4.4	5.5	2.2	5.1	4.7	2.5
Ordnance and accessories .....	3.5	2.9	1.5	5.2	3.0	1.8
Lumber and wood products, except furniture .....	6.5	6.8	4.7	5.1	4.6	2.9
Furniture and fixtures .....	7.0	6.6	4.4	5.8	5.3	3.3
Stone, clay, and glass products .....	4.5	4.6	2.5	4.8	4.4	2.3
Primary metal industries .....	3.0	3.7	1.5	2.9	2.9	1.6
Fabricated metal products .....	5.3	5.5	2.6	4.7	4.5	2.7
Machinery .....	3.7	3.8	1.8	4.3	4.1	2.2
Electrical equipment and supplies .....	3.8	3.5	1.8	5.1	4.8	2.6
Transportation equipment .....	4.6	10.4	1.8	3.9	4.2	1.6
Instruments and related products .....	3.9	3.0	1.5	4.4	4.0	2.3
Miscellaneous manufacturing industries .....	6.7	6.3	3.1	9.0	7.0	3.5
<b>NONDURABLE GOODS</b> ...	5.3	4.5	2.4	7.2	6.6	3.4
Food and kindred products .....	7.8	5.5	2.9	13.6	8.4	3.7
Tobacco manufactures .....	10.3	4.6	1.6	7.5	6.5	1.8
Textile mill products .....	5.5	5.8	3.7	5.0	5.1	3.3
Apparel and related products .....	8.2	8.6	3.5	7.2	7.8	3.8
Paper and allied products .....	3.6	3.3	2.0	4.9	4.3	2.7
Printing, publishing, and allied industries .....	3.3	3.0	1.8	4.8	4.1	2.6
Chemicals and allied products .....	2.3	2.0	1.0	3.7	3.2	1.8
Petroleum refining and related industries .....	2.1	2.1	.8	3.2	2.3	1.8
Rubber and miscellaneous plastic products .....	5.2	5.1	2.5	7.8	7.4	3.5
Leather and leather products .....	9.0	9.0	4.6	6.4	7.4	4.3

<sup>1</sup>These figures are based on a slightly smaller sample than those tables D-1 in and D-2, inasmuch as some firms do not report separate data for women.

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

**Table D-4: Labor turnover rates in manufacturing, 1956 to date**  
**seasonally adjusted**

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1956.....	4.2	4.2	4.0	4.3	4.2	4.0	4.0	3.9	4.2	4.8	4.3	4.0
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 <sup>1</sup> .....	4.0	4.3	4.6	4.3	4.1	4.2	4.1	4.1	4.0	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	3.8	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.7	3.9
1964.....	3.8	4.0	3.9	3.9	3.8	4.1	4.0	4.0	3.9	4.0	4.0	4.1
1965.....	4.0	4.1	4.3	4.0	4.1	4.4	4.1	4.3	4.5	4.5	4.9	4.8
1966.....	4.9	4.9	5.2	4.8	5.1	5.3	4.6	5.1	4.7			
New hires												
1956.....	3.0	3.0	2.6	2.8	2.8	2.7	2.5	2.6	2.6	2.9	2.8	2.9
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	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.3	2.5
1964.....	2.4	2.5	2.6	2.6	2.4	2.6	2.6	2.6	2.7	2.6	2.7	2.8
1965.....	2.9	3.0	3.3	2.8	2.9	3.1	2.9	3.0	3.1	3.3	3.6	3.8
1966.....	3.8	3.9	4.3	3.9	4.0	4.0	3.5	3.7	3.5			
Total separations												
1956.....	4.2	4.9	4.2	4.0	4.5	4.4	3.9	4.2	4.3	4.0	4.0	3.7
1957.....	3.9	4.0	4.0	3.9	4.1	3.9	3.8	4.3	4.3	4.5	4.8	4.9
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 <sup>1</sup> .....	3.7	3.6	3.6	3.8	3.8	3.9	4.0	4.2	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	4.0	4.0	3.9	4.2	4.2	4.2	4.4	3.9	4.1	4.0	3.9
1963.....	4.0	3.8	3.9	3.9	4.0	3.8	3.9	4.1	3.8	3.8	4.0	3.8
1964.....	4.0	3.9	3.9	3.8	3.9	3.9	4.1	3.6	4.0	3.9	3.7	3.8
1965.....	3.7	3.7	3.8	4.1	3.9	4.0	4.0	4.2	4.4	4.1	4.0	4.3
1966.....	4.1	4.4	4.6	4.7	4.7	4.9	5.0	4.8	5.0			
Quits												
1956.....	2.0	2.1	2.0	1.9	1.9	2.0	1.8	2.0	1.9	1.9	1.9	1.9
1957.....	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.7	1.6	1.4	1.3	1.3
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	1.5	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	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963.....	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964.....	1.5	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	1.8	1.9	1.7	1.7	1.8	1.8	2.0	2.0	2.2	2.3
1966.....	2.3	2.4	2.7	2.7	2.5	2.5	2.5	2.5	2.5			
Layoffs												
1956.....	1.6	2.3	1.8	1.6	2.1	1.9	1.7	1.5	1.8	1.5	1.7	1.5
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	2.5	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	2.0	2.3	2.3	2.3	2.5	2.4	2.5	2.5	2.6	2.7	2.8
1961.....	2.8	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	1.8	1.8	2.0	2.0	2.0	2.2	2.0	2.0	2.0	1.9
1963.....	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.9	1.8	1.8	1.7
1964.....	1.8	1.9	1.8	1.7	1.8	1.7	1.8	1.3	1.6	1.7	1.5	1.6
1965.....	1.5	1.4	1.4	1.5	1.4	1.4	1.6	1.5	1.4	1.3	1.3	1.4
1966.....	1.2	1.2	1.2	1.2	1.1	1.3	1.7	1.0	1.2			

<sup>1</sup>Beginning 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**

Table 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		
	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	
ALABAMA *	-	-	-	-	-	-	-	-	-	-	-
Birmingham .....	3.7	3.1	2.6	2.1	3.6	3.4	1.9	1.2	1.1	1.5	
Mobile <sup>1</sup> .....	8.1	9.5	2.9	3.1	13.1	5.5	2.9	2.4	9.2	2.1	
ALASKA ...	20.0	36.5	17.2	32.9	52.9	17.3	11.5	6.5	39.3	9.4	
ARIZONA .....	5.9	5.6	4.8	4.7	5.3	5.3	3.3	2.7	1.0	1.5	
Phoenix .....	5.8	5.5	4.8	4.7	5.3	5.2	3.2	2.6	1.0	1.4	
ARKANSAS .....	9.1	8.0	7.8	6.9	9.0	7.8	7.0	5.4	.9	1.4	
Fort Smith .....	12.1	7.9	10.2	6.9	10.9	17.4	8.8	8.3	1.1	8.5	
Little Rock-North Little Rock .....	5.9	6.2	5.4	5.8	6.0	5.7	4.6	4.3	.6	.4	
Pine Bluff .....	6.2	4.9	5.8	4.4	8.4	5.1	6.2	4.1	.6	.2	
CALIFORNIA <sup>1</sup> .....	6.8	5.4	5.4	4.6	6.0	5.7	3.3	2.7	1.4	1.9	
Anaheim-Santa Ana-Garden Grove *	-	-	-	-	-	-	-	-	-	-	
Los Angeles-Long Beach <sup>1</sup> .....	7.4	5.8	6.0	5.0	6.4	6.8	3.6	3.0	1.3	2.5	
Sacramento *	-	-	-	-	-	-	-	-	-	-	
San Bernardino-Riverside-Ontario *	-	-	-	-	-	-	-	-	-	-	
San Diego *	-	-	-	-	-	-	-	-	-	-	
San Francisco-Oakland *	-	-	-	-	-	-	-	-	-	-	
San Jose *	-	-	-	-	-	-	-	-	-	-	
Stockton *	-	-	-	-	-	-	-	-	-	-	
COLORADO ...	6.2	5.7	5.4	4.8	5.8	4.7	3.7	2.6	1.3	1.3	
CONNECTICUT .....	4.4	4.0	4.0	3.7	4.2	3.2	3.0	2.2	.2	.2	
Bridgeport *	-	-	-	-	-	-	-	-	-	-	
Hartford .....	4.6	4.8	4.3	4.7	3.5	2.8	2.5	1.9	.1	(2)	
New Britain *	-	-	-	-	-	-	-	-	-	-	
New Haven *	-	-	-	-	-	-	-	-	-	-	
Stamford *	-	-	-	-	-	-	-	-	-	-	
Waterbury *	-	-	-	-	-	-	-	-	-	-	
DELAWARE <sup>1</sup> .....	11.9	2.9	2.4	2.4	3.3	12.4	2.0	1.5	.5	9.9	
Wilmington <sup>1</sup> .....	11.8	2.4	2.2	2.0	3.2	12.1	1.9	1.3	.5	9.9	
DISTRICT OF COLUMBIA:											
Washington SMSA .....	3.1	3.3	3.0	3.2	3.4	3.3	2.6	2.6	.2	.1	
FLORIDA .....	6.9	6.9	5.9	5.6	7.3	5.9	4.9	3.6	1.4	1.5	
Fort Lauderdale-Hollywood .....	9.1	7.0	8.7	6.8	6.9	11.7	5.5	6.0	.2	4.5	
Jacksonville .....	5.8	7.2	4.9	5.2	7.2	4.2	4.5	3.2	1.5	.3	
Miami .....	6.9	6.8	6.3	5.9	7.7	5.4	4.0	3.3	2.9	1.3	
Orlando .....	3.5	4.2	2.4	3.1	3.4	4.8	2.1	1.9	.7	2.1	
Pensacola .....	2.1	1.9	1.9	1.7	2.8	1.9	1.1	1.4	.3	.3	
Tampa-St. Petersburg .....	9.5	9.4	6.8	6.6	9.1	6.9	5.1	3.8	2.4	2.0	
West Palm Beach .....	4.5	5.2	4.4	4.9	5.0	4.8	3.7	3.8	.6	.4	
GEORGIA .....	8.9	5.8	5.3	4.8	7.5	6.1	4.6	3.2	1.7	2.0	
Atlanta <sup>3</sup> .....	14.6	5.4	5.1	4.8	7.9	9.5	4.0	3.0	2.6	5.5	
HAWAII <sup>4</sup> ..	2.5	3.0	2.2	2.2	4.3	2.2	2.5	1.4	1.1	.2	
IDAHO <sup>5</sup> ..	6.4	6.4	5.9	5.8	8.2	5.1	5.4	3.4	1.2		
ILLINOIS:											
Chicago .....	6.0	4.8	5.5	4.4	6.2	4.4	4.6	3.0	.4	.3	
INDIANA <sup>1</sup> .....	5.7	3.9	4.4	3.0	5.2	4.3	3.4	2.2	.7	1.2	
Indianapolis <sup>6</sup> .....	4.8	4.2	4.4	3.2	5.2	4.8	3.2	2.1	.9	1.6	
IOWA .....	5.3	4.2	4.3	3.5	5.3	3.9	3.9	2.4	.7	.9	
Cedar Rapids .....	4.8	6.0	3.5	4.8	4.8	3.4	2.7	2.1	1.3	.8	
Des Moines .....	4.1	4.3	3.5	3.6	5.7	4.1	3.8	2.7	.8	.5	

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

# ESTABLISHMENT DATA

## STATE AND AREA LABOR TURNOVER

Table 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	
	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966
KANSAS .....	5.8	4.7	4.8	4.0	5.9	5.0	3.7	2.8	1.0	1.1
Topeka .....	4.1	3.1	3.6	2.5	6.0	3.9	4.0	1.8	1.4	1.4
Wichita .....	5.8	4.5	4.9	3.9	5.0	4.0	3.2	2.8	.5	.1
KENTUCKY .....	5.4	4.1	3.8	3.2	5.2	3.8	3.3	2.3	1.0	.7
Louisville .....	4.1	4.3	3.0	3.0	3.8	3.0	2.5	1.8	.3	.5
LOUISIANA .....	6.1	6.1	4.8	4.6	5.5	4.1	2.8	1.9	1.8	1.4
New Orleans <sup>7</sup> .....	5.2	4.7	3.3	2.7	6.9	5.0	3.0	1.8	2.6	2.0
MAINE .....	8.3	6.9	6.8	5.5	7.9	5.8	6.0	4.4	.8	.6
Portland .....	5.0	5.1	4.7	4.6	5.4	4.4	4.4	3.4	.3	.3
MARYLAND .....	4.9	5.1	3.8	3.9	5.7	4.2	2.7	2.1	2.2	1.4
Baltimore .....	4.6	4.5	3.4	3.4	6.0	4.1	2.5	1.8	2.6	1.6
MASSACHUSETTS .....	5.4	7.3	4.1	3.5	5.2	7.7	3.5	2.4	.8	4.3
Boston .....	4.7	6.3	3.8	3.1	4.4	6.6	3.0	2.1	.5	3.7
Fall River .....	6.0	11.5	4.5	4.2	5.5	13.8	2.9	3.4	1.5	9.3
New Bedford .....	10.0	10.9	4.6	3.9	7.6	11.1	3.9	3.1	2.8	6.9
Springfield-Chicopee-Holyoke .....	5.2	5.6	4.5	3.5	6.0	5.9	3.9	2.1	.7	2.5
Worcester .....	4.6	4.3	4.0	2.9	4.6	5.4	3.2	2.4	.4	1.6
MICHIGAN .....	9.5	4.1	4.2	2.4	7.7	10.6	2.9	1.6	3.4	8.0
Detroit .....	10.4	3.6	3.6	2.2	7.1	10.7	2.6	1.5	3.0	8.1
Grand Rapids * .....	-	-	-	-	-	-	-	-	-	-
Kalamazoo * .....	-	-	-	-	-	-	-	-	-	-
Lansing * .....	-	-	-	-	-	-	-	-	-	-
Muskegon-Muskegon Heights * .....	-	-	-	-	-	-	-	-	-	-
Saginaw * .....	-	-	-	-	-	-	-	-	-	-
MINNESOTA .....	7.3	5.5	5.4	4.5	6.2	4.4	3.5	2.4	1.8	1.2
Duluth-Superior .....	3.5	4.1	3.1	3.7	5.3	3.9	3.3	2.7	.6	.1
Minneapolis-St. Paul .....	5.9	4.4	4.1	3.6	5.7	3.5	3.0	2.2	1.8	.7
MISSISSIPPI * .....	-	-	-	-	-	-	-	-	-	-
Jackson .....	7.2	6.5	6.2	5.9	6.7	5.9	5.5	4.4	.3	.8
MISSOURI .....	5.8	4.2	4.2	3.5	5.2	5.2	3.5	2.5	.8	1.6
Kansas City .....	5.4	4.6	4.3	3.7	5.5	4.6	3.3	2.3	1.3	1.2
St. Louis .....	5.7	3.9	3.5	3.0	4.4	4.7	2.9	1.9	.5	1.8
MONTANA <sup>5</sup> .....	5.7	4.6	4.9	4.1	5.7	4.9	4.2	3.4	.5	.3
NEBRASKA .....	6.1	5.6	5.0	4.8	6.4	4.2	4.5	2.9	1.2	
NEVADA .....	5.9	4.6	4.6	3.5	9.2	6.3	3.2	3.3	5.0	2.3
NEW HAMPSHIRE .....	6.5	4.9	5.7	4.4	6.4	4.8	5.1	3.4	.5	.5
NEW JERSEY:										
Jersey City .....	5.2	4.0	3.2	2.5	4.2	4.9	2.1	1.4	1.3	2.6
Newark .....	6.4	4.7	3.8	2.8	5.2	5.2	2.9	1.6	1.4	3.0
Paterson-Clifton-Passaic .....	6.8	5.1	4.0	3.2	4.8	6.8	2.9	2.0	1.0	4.1
Perth Amboy .....	4.1	3.4	3.2	2.4	3.5	3.3	2.4	1.3	.4	1.5
Trenton .....	4.9	6.3	3.3	2.6	4.1	5.1	2.3	1.8	.8	2.5
NEW MEXICO * .....	-	-	-	-	-	-	-	-	-	-
Albuquerque * .....	-	-	-	-	-	-	-	-	-	-
NEW YORK .....	6.0	5.5	4.1	3.7	4.9	5.4	2.7	1.9	1.3	2.7
Albany-Schenectady-Troy .....	3.3	4.0	2.5	3.1	3.7	3.1	2.0	1.3	.5	.9
Binghamton .....	3.4	3.2	2.7	2.7	3.2	2.9	2.4	1.7	(2)	.4
Buffalo .....	7.0	3.9	2.7	2.3	3.6	7.1	2.0	1.1	.8	5.4
Elmira .....	4.5	3.2	4.1	2.9	4.5	2.3	2.4	1.5	1.2	.2

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

**Table 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	
	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966
<b>NEW YORK (continued)</b>										
Nassau and Suffolk Counties <sup>8</sup> . . . . .	5.7	5.0	4.9	4.3	4.8	4.0	3.0	2.4	.8	.9
New York SMSA . . . . .	6.5	5.7	4.4	3.9	5.1	5.9	2.5	1.9	1.6	3.0
New York City <sup>8</sup> . . . . .	6.8	6.1	4.6	4.0	5.0	6.4	2.4	1.8	1.5	3.5
Rochester . . . . .	5.0	5.5	4.1	4.6	4.1	3.4	2.8	1.8	.7	1.0
Syracuse . . . . .	4.6	4.8	3.8	3.6	3.9	2.9	2.8	2.0	.3	.3
Utica-Rome . . . . .	5.3	3.4	4.1	2.9	4.7	2.5	2.6	1.6	1.2	.3
Westchester County <sup>8</sup> . . . . .	5.6	4.1	3.6	2.9	7.6	6.7	2.5	1.9	4.2	4.0
<b>NORTH CAROLINA</b>										
Charlotte . . . . .	7.3	5.3	6.0	4.4	6.8	5.0	5.4	3.9	.4	.3
Greensboro-High Point . . . . .	7.1	6.0	6.5	5.6	7.7	5.6	6.4	4.5	.2	.2
Greensboro-High Point . . . . .	6.9	5.0	6.0	4.6	7.6	5.0	6.1	3.9	.4	.3
<b>NORTH DAKOTA</b>										
Fargo-Moorhead . . . . .	3.0	5.3	2.3	4.1	4.3	3.8	2.7	2.8	1.0	.5
Fargo-Moorhead . . . . .	3.4	4.1	2.9	3.6	4.8	4.3	3.4	3.3	.9	.6
<b>OHIO</b>										
Akron . . . . .	4.6	3.5	3.3	2.6	4.3	4.1	2.6	1.6	.7	1.7
Canton . . . . .	3.9	2.5	2.7	2.0	3.0	3.0	1.8	1.0	.3	1.3
Cincinnati . . . . .	4.2	3.4	3.3	2.8	4.4	3.2	2.3	1.8	.4	.3
Cleveland . . . . .	4.2	3.5	3.4	2.8	4.3	3.1	2.6	1.7	.8	.7
Columbus . . . . .	4.3	3.3	3.4	2.6	4.3	5.1	3.0	1.7	.5	2.6
Dayton . . . . .	4.4	4.5	3.1	3.2	4.3	4.0	2.6	2.2	.6	1.0
Toledo . . . . .	5.4	3.3	3.7	2.4	4.0	3.2	2.6	1.4	.5	1.0
Youngstown-Warren . . . . .	5.7	3.3	3.4	2.4	5.8	6.7	2.8	1.6	1.8	4.1
Youngstown-Warren . . . . .	6.5	3.9	2.4	1.5	4.8	5.6	1.9	.9	1.9	3.8
<b>OKLAHOMA *</b>										
Oklahoma City . . . . .	-	-	-	-	-	-	-	-	-	-
Tulsa <sup>9</sup> . . . . .	5.7	5.6	4.7	4.7	6.0	5.5	4.4	3.4	.8	1.1
Tulsa <sup>9</sup> . . . . .	5.2	4.2	4.8	4.0	6.4	4.3	5.0	2.9	.4	.5
<b>OREGON <sup>1</sup></b>										
Portland <sup>1</sup> . . . . .	5.7	5.3	5.0	4.9	7.7	5.8	4.1	3.4	2.7	1.5
Portland <sup>1</sup> . . . . .	5.8	5.0	5.1	4.4	6.7	5.6	3.6	2.7	2.1	2.0
<b>PENNSYLVANIA *</b>										
Allentown-Bethlehem-Easton . . . . .	-	-	-	-	-	-	-	-	-	-
Allentown-Bethlehem-Easton . . . . .	5.0	3.8	3.0	2.3	4.7	5.1	3.0	1.7	1.0	2.6
Altoona . . . . .	6.8	6.2	4.3	4.2	5.2	6.3	4.1	3.0	.7	2.8
Erie . . . . .	5.0	3.0	3.9	2.2	4.2	2.9	2.6	1.4	.7	.6
Harrisburg . . . . .	4.2	4.5	3.8	2.9	4.1	2.8	3.2	1.8	.3	.4
Johnstown . . . . .	3.9	3.5	3.3	2.8	4.6	3.2	3.5	1.5	.2	.8
Lancaster . . . . .	3.9	3.0	3.6	2.8	4.4	3.1	3.7	2.2	.1	.3
Philadelphia . . . . .	4.8	3.7	3.6	2.8	4.0	3.8	2.5	1.6	.6	1.3
Pittsburgh . . . . .	2.8	2.4	2.0	1.6	2.8	2.6	1.6	.8	.5	.8
Reading . . . . .	4.5	4.3	3.4	2.7	4.5	5.5	3.2	2.3	.6	2.5
Scranton . . . . .	5.6	5.7	4.8	3.6	4.9	5.2	2.8	2.3	1.4	2.2
Wilkes-Barre-Hazleton . . . . .	5.6	6.1	4.1	3.6	6.0	6.4	3.6	2.6	1.6	3.2
York . . . . .	6.6	6.3	5.1	4.1	6.2	6.3	4.7	3.5	.9	2.4
<b>RHODE ISLAND</b>										
Providence-Pawtucket-Warwick . . . . .	6.2	9.2	5.1	4.4	6.4	9.4	4.7	3.4	.9	5.1
Providence-Pawtucket-Warwick . . . . .	6.6	9.7	5.3	4.5	6.4	9.8	4.8	3.2	.8	5.7
<b>SOUTH CAROLINA *</b>										
Charleston . . . . .	-	-	-	-	-	-	-	-	-	-
Greenville . . . . .	7.5	5.9	7.1	5.3	8.5	5.7	7.2	4.6	.2	.3
<b>SOUTH DAKOTA</b>										
Sioux Falls . . . . .	4.3	3.8	2.9	2.6	7.7	4.6	5.0	2.8	1.9	1.4
Sioux Falls . . . . .	4.2	5.3	1.9	2.8	7.3	6.0	3.1	2.3	3.8	3.4
<b>TENNESSEE *</b>										
Chattanooga . . . . .	-	-	-	-	-	-	-	-	-	-
Knoxville . . . . .	-	-	-	-	-	-	-	-	-	-
Memphis . . . . .	7.7	7.5	7.0	6.9	6.8	6.2	4.5	3.8	1.2	1.2
Nashville . . . . .	-	-	-	-	-	-	-	-	-	-
<b>TEXAS <sup>10</sup></b>										
Dallas <sup>10</sup> . . . . .	4.9	4.5	4.4	3.9	5.7	4.6	3.7	2.8	1.1	1.0
Dallas <sup>10</sup> . . . . .	5.5	5.1	5.2	4.6	6.1	4.6	3.8	3.3	1.5	.3
Fort Worth <sup>10</sup> . . . . .	6.1	5.4	5.2	4.6	9.6	8.8	3.9	3.0	4.6	4.9
Houston <sup>10</sup> . . . . .	3.9	3.8	3.6	3.4	4.4	3.2	3.2	2.2	.3	.2
San Antonio <sup>10</sup> . . . . .	3.8	3.2	3.6	3.0	4.0	3.5	3.0	2.3	.1	.3

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

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

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

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966
UTAH <sup>5</sup> .....	4.2	5.0	3.4	3.4	4.8	3.8	2.8	2.0	1.1	1.1
Salt Lake City <sup>5</sup> .....	4.1	4.3	3.5	3.4	4.8	3.5	3.0	2.0	.9	.8
VERMONT .....	4.1	3.3	3.5	2.5	4.1	2.9	3.3	2.2	.1	.2
Burlington .....	3.7	3.0	3.0	2.0	3.6	2.5	2.5	1.7	.5	.2
Springfield .....	3.3	2.4	2.9	2.0	3.1	1.8	2.2	1.3	(2)	(2)
VIRGINIA .....	6.2	4.8	4.6	3.7	5.6	4.1	3.8	2.6	.9	.8
Norfolk-Portsmouth * .....	-	-	-	-	-	-	-	-	-	-
Richmond .....	5.6	5.8	4.6	3.4	4.8	4.6	3.5	2.2	.2	1.5
Roanoke * .....	-	-	-	-	-	-	-	-	-	-
WASHINGTON * .....	-	-	-	-	-	-	-	-	-	-
Seattle-Egypt <sup>11</sup> .....	6.4	6.6	5.5	5.6	5.5	5.0	3.9	3.4	.5	.7
Spokane .....	-	-	-	-	-	-	-	-	-	-
Tacoma * .....	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA * .....	-	-	-	-	-	-	-	-	-	-
Charleston .....	2.4	2.1	1.6	1.3	2.3	2.7	1.8	.7	.3	1.7
Huntington-Ashland * .....	-	-	-	-	-	-	-	-	-	-
Wheeling * .....	-	-	-	-	-	-	-	-	-	-
WISCONSIN .....	8.4	5.2	5.0	4.1	5.7	6.1	4.0	2.2	.8	3.1
Green Bay .....	3.3	3.1	2.6	2.6	3.6	2.6	2.0	1.6	.6	.6
Kenosha .....	32.2	2.3	2.4	1.7	4.4	63.1	2.3	1.4	1.3	60.8
La Crosse .....	5.1	8.2	3.0	3.4	6.3	8.7	3.2	1.9	1.5	5.0
Madison .....	5.0	4.3	4.1	3.6	5.4	3.0	3.6	2.0	.9	.2
Milwaukee .....	6.2	3.9	3.5	2.7	4.6	3.5	3.1	1.9	.4	.8
Racine .....	6.3	3.6	4.9	2.4	5.3	3.6	3.5	1.9	.8	.6
WYOMING <sup>5</sup> .....	4.3	5.7	3.7	5.1	7.2	5.7	4.4	3.3	2.0	1.6

\* Labor turnover data discontinued owing to reduction in resources available for program.

- <sup>1</sup> Excludes canning and preserving.
  - <sup>2</sup> Less than 0.05.
  - <sup>3</sup> Excludes agricultural chemicals and miscellaneous manufacturing.
  - <sup>4</sup> Excludes canned fruit, vegetables, preserves, jams and jellies.
  - <sup>5</sup> Excludes canning and preserving, and sugar.
  - <sup>6</sup> Excludes canning and preserving, and newspapers.
  - <sup>7</sup> Excludes printing and publishing.
  - <sup>8</sup> Subarea of New York Standard Metropolitan Statistical Area.
  - <sup>9</sup> Excludes new-hire rate for transportation equipment.
  - <sup>10</sup> Excludes canning and preserving, sugar, and tobacco.
  - <sup>11</sup> Excludes 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

**Table E-1: Insured unemployment under State programs**

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	Oct. 1966	Sept. 1966	Oct. 1965	Change to Oct. 1966 from <sup>1</sup>		Oct. 1966	Sept. 1966	Oct. 1965
				Sept. 1966	Oct. 1965			
<b>TOTAL</b> <sup>2</sup> .....	7 52.1	7 55.7	9 39.3	-3.6	-1 87.2	1.6	1.6	2.1
<b>SEASONALLY ADJUSTED</b> .....	9 77.2	9 99.1	1 225.9	-21.9	-2 48.7	2.1	2.2	2.8
Alabama.....	1 0.8	1 0.2	1 3.4	.5	-2.7	1.7	1.7	2.3
Alaska.....	1.7	1.2	1.8	-.5	-.1	4.1	3.0	4.8
Arizona.....	5.3	5.3	7.7	-.5	-2.4	1.8	1.9	2.8
Arkansas.....	6.5	6.3	7.6	.3	-1.1	1.9	1.8	2.3
California*.....	1 46.1	1 43.2	1 73.1	2.9	-2 7.0	3.2	3.2	4.0
Colorado.....	2.8	2.4	2.9	.4	-.1	.7	.6	.7
Connecticut.....	9.2	9.1	1 3.8	.1	-4.6	1.1	1.1	1.7
Delaware.....	2.2	1.3	1.5	.9	.8	1.5	.9	1.0
District of Columbia.....	2.8	2.8	3.3	.5	-.5	.9	.9	1.1
Florida.....	1 8.5	2 2.0	2 0.6	-3.5	-2 0.	1.6	2.0	1.9
Georgia.....	9.8	1 1.3	1 1.8	-1.5	-2.0	1.1	1.2	1.4
Hawaii.....	4.8	4.0	4.8	.8	.1	2.5	2.1	2.7
Idaho.....	1.9	2.0	1.5	-.2	.4	1.4	1.5	1.2
Illinois.....	2 2.5	2 2.2	3 3.8	.4	-1 1.3	.8	.8	1.2
Indiana.....	7.8	8.3	1 1.4	-.6	-3.6	.6	.7	1.0
Iowa.....	2.4	1.9	3.2	.4	-.9	.5	.4	.7
Kansas.....	3.2	3.0	4.8	.1	-1.6	.8	.8	1.3
Kentucky.....	7.1	6.9	1 0.7	.1	-3.6	1.4	1.3	2.2
Louisiana.....	9.3	8.8	1 0.9	.5	-1.6	1.4	1.4	1.8
Maine.....	3.6	3.5	4.4	.1	-.8	1.8	1.7	2.3
Maryland.....	7.6	7.0	1 2.4	.6	-4.8	.9	.9	1.6
Massachusetts.....	3 8.0	3 8.2	4 4.3	-.2	-6.3	2.4	2.4	2.9
Michigan.....	2 1.8	2 6.4	1 8.4	-4.5	3.4	1.0	1.3	.9
Minnesota.....	4.4	4.4	7.7	.1	-3.3	.5	.6	1.0
Mississippi.....	3.6	3.5	4.0	.1	-.5	1.1	1.1	1.3
Missouri.....	1 7.6	1 4.2	1 8.2	3.4	-.7	1.6	1.3	1.8
Montana.....	1.5	1.2	1.5	.3	-.1	1.2	1.0	1.3
Nebraska.....	1.6	1.6	2.9	.1	-1.3	.6	.6	1.2
Nevada.....	4.9	4.3	5.0	.6	-.1	3.9	3.5	4.1
New Hampshire.....	1.1	.9	2.0	.1	-.9	.6	.6	1.2
New Jersey.....	3 7.2	3 6.2	4 5.6	1.0	-8.4	2.1	2.1	2.7
New Mexico.....	3.2	2.8	3.4	.4	-.2	1.9	1.6	2.0
New York.....	1 14.7	1 22.9	1 45.5	-8.1	-3 0.8	2.2	2.3	2.8
North Carolina.....	1 0.7	1 0.6	1 3.9	.1	-3.2	1.0	1.0	1.3
North Dakota.....	.5	.5	.4	.1	.1	.6	.6	.6
Ohio.....	1 6.1	1 7.7	2 9.7	-1.6	-1 3.7	.6	.7	1.2
Oklahoma.....	7.7	7.6	9.8	.1	-2.1	1.8	1.8	2.4
Oregon.....	8.7	8.3	8.2	.5	.5	1.8	1.8	1.8
Pennsylvania.....	4 2.6	4 2.1	6 3.1	.5	-2 0.6	1.4	1.4	2.1
Puerto Rico* <sup>2</sup> .....	5 0.6	5 1.6	5 3.0	-1.1	-2.4	6.5	6.3	7.1
Rhode Island.....	4.8	4.8	5.5	.7	-.8	1.9	1.9	2.2
South Carolina.....	7.6	7.4	7.8	.2	-.2	1.5	1.4	1.6
South Dakota.....	.4	.4	.6	.2	-.2	.5	.5	.8
Tennessee.....	1 1.6	1 0.8	1 3.1	.8	-1.5	1.4	1.4	1.7
Texas.....	1 8.2	1 8.0	2 7.6	.2	-9.3	.9	.9	1.4
Utah.....	3.7	3.3	4.9	.4	-1.1	1.9	1.7	2.4
Vermont.....	1.3	1.2	1.6	.1	.3	1.5	1.4	2.0
Virginia.....	3.2	3.4	4.4	-1.1	-1.2	.4	.4	.5
Washington.....	1 5.2	1 5.0	2 4.0	.2	-3.6	2.3	2.3	3.8
West Virginia.....	6.5	6.5	8.0	-1.5	-1.5	1.9	1.9	2.4
Wisconsin.....	6.8	6.6	9.1	.2	-2.3	.7	.6	.9
Wyoming.....	.5	.4	.8	.1	.2	.8	.7	1.1

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

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

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

# UNEMPLOYMENT INSURANCE DATA

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

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

State and area	Oct. 1966	Sept. 1966	State and area	Oct. 1966	Sept. 1966	State and area	Oct. 1966	Sept. 1966	State and area	Oct. 1966	Sept. 1966
<b>ALABAMA</b>			<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			<b>Pennsylvania--continued</b>		
Birmingham.....	2.8	2.4	Evansville.....	.5	.5	Manchester.....	.2	.2	York.....	.5	
Mobile.....	1.2	1.5	Ft. Wayne.....	.5	1.0						
			Gary-Hammond..	.8	.9	<b>NEW JERSEY</b>			<b>PUERTO RICO*</b>		
<b>ARIZONA</b>			Indianapolis....	1.7	1.5	Atlantic City....	1.4	.8	Mayaguez.....	1.0	1.0
Phoenix.....	3.2	3.3	South Bend.....	.5	.5	Jersey City.....	5.0	4.9	Ponce.....	1.3	1.3
			Terre Haute.....	.4	.4	New Brunswick..	10.7	11.4	San Juan.....	3.7	3.5
			<b>IOWA</b>			Paterson.....	3.0	3.3			
<b>ARKANSAS</b>			Cedar Rapids....	3/	.1	Trenton.....	8.0	8.1			
Little Rock.....	.4	.4	Des Moines.....	.3	.3		1.0	1.1	<b>RHODE ISLAND</b>		
			<b>KANSAS</b>			<b>NEW MEXICO</b>			Providence.....	5.0	5.1
<b>CALIFORNIA*</b>			Wichita.....	.8	.8	Albuquerque....	1.2	1.1			
Fresno.....	2.9	3.0	<b>KENTUCKY</b>			<b>NEW YORK</b>			<b>SOUTH CAROLINA</b>		
Los Angeles.....	60.9	62.6	Louisville.....	1.5	1.6	Albany.....	2.0	2.0	Charleston.....	.7	.6
Sacramento.....	4.9	4.4	<b>LOUISIANA</b>			Binghamton....	.5	.5	Greenville.....	.7	.8
San Bernardino..	10.3	10.1	Baton Rouge....	.4	.5	Buffalo.....	4.9	4.9			
San Diego.....	9.3	8.8	New Orleans....	3.4	3.1	New York.....	97.2	106.0			
San Francisco...	24.3	24.3	Shreveport.....	.6	.6	Rochester.....	1.3	2.0			
San Jose.....	6.1	5.0	<b>MAINE</b>			Syracuse.....	1.1	1.1	<b>TENNESSEE</b>		
Stockton.....	1.4	1.2	Portland.....	.6	.6	Utica.....	1.2	1.2	Chattanooga...	.8	.6
<b>COLORADO</b>			<b>MARYLAND</b>			<b>NORTH CAROLINA</b>			Knoxville.....	.9	.7
Denver.....	1.8	1.4	Baltimore.....	5.0	4.8	Asheville.....	.4	.4	Memphis.....	1.6	1.8
			<b>MASSACHUSETTS</b>			Charlotte.....	.6	.7	Nashville.....	1.6	1.3
<b>CONNECTICUT</b>			Boston.....	15.9	17.6	Durham.....	.2	.3	<b>TEXAS</b>		
Bridgeport.....	1.5	1.5	Brockton.....	.9	1.1	Greensboro....	.4	.6	Austin.....	.4	.4
Hartford.....	1.2	1.3	Fall River.....	2.5	2.5	Winston-Salem..	.4	.5	Beaumont.....	.8	.8
New Britain.....	.4	.4	Lawrence.....	2.7	2.8	<b>OHIO</b>			Corpus Christi..	.5	.5
New Haven.....	1.1	1.3	Lowell.....	1.4	1.6	Akron.....	.8	.8	Dallas.....	2.3	2.3
Stamford.....	.5	.5	New Bedford....	3.3	2.5	Canton.....	.6	.6	El Paso.....	.9	1.0
Waterbury.....	1.0	1.1	Springfield....	3.4	3.3	Cincinnati.....	2.9	2.8	Ft. Worth.....	1.0	1.0
<b>DELAWARE</b>			Worcester.....	1.9	1.9	Cleveland.....	3.2	3.1	Houston.....	2.4	2.3
Wilmington.....	2.3	1.4	<b>MICHIGAN</b>			Columbus.....	1.2	1.0	San Antonio....	1.3	1.3
			Battle Creek....	.3	.3	Dayton.....	.7	.7	<b>UTAH</b>		
<b>DIST. OF COL.</b>			Detroit.....	13.0	16.1	Hamilton.....	.4	.4	Salt Lake City..	2.0	2.1
Washington.....	4.1	4.1	Flint.....	1.0	1.5	Lorain.....	.2	.2			
			Grand Rapids...	.9	1.1	Steubenville...	.4	.4	<b>VIRGINIA</b>		
<b>FLORIDA</b>			Kalamazoo.....	.3	.3	Toledo.....	1.2	3.3	Hampton.....	.3	.3
Jacksonville....	.5	.5	Lansing.....	.4	.3	Youngstown....	.7	.7	Norfolk.....	.5	.5
Miami.....	5.2	5.4	Muskegon.....	.3	.4	<b>OKLAHOMA</b>			Richmond.....	.2	.2
Tampa.....	2.4	2.7	Saginaw.....	.3	.3	Oklahoma City..	1.7	1.7	Roanoke.....	.2	.2
			<b>MINNESOTA</b>			Tulsa.....	1.2	1.2	<b>WASHINGTON</b>		
<b>GEORGIA</b>			Duluth.....	.4	.4	<b>OREGON</b>			Seattle.....	5.1	4.8
Atlanta.....	2.3	3.1	Minneapolis....	1.7	1.8	Portland.....	3.5	3.4	Spokane.....	1.9	1.7
Augusta.....	.5	.4	<b>MISSISSIPPI</b>			<b>PENNSYLVANIA</b>			Tacoma.....	1.6	1.5
Columbus.....	.4	.4	Jackson.....	.2	.2	Allentown.....	2.0	1.9	<b>WEST VIRGINIA</b>		
Macon.....	.3	.3	<b>MISSOURI</b>			Altoona.....	.6	.6	Charleston.....	.8	.7
Savannah.....	.5	.5	Kansas City....	3.5	3.2	Erie.....	.4	.4	Huntington....	.8	.8
			St. Louis.....	9.9	7.5	Harrisburg....	1.3	1.2	Wheeling.....	.7	.6
<b>HAWAII</b>			<b>NEBRASKA</b>			Johnstown.....	1.3	1.1	<b>WISCONSIN</b>		
Honolulu.....	3.9	3.1	Omaha.....	1.1	1.2	Lancaster.....	.4	.3	Kenosha.....	.2	.3
						Philadelphia...	17.1	16.7	Madison.....	.3	.2
<b>ILLINOIS</b>						Pittsburgh.....	7.9	7.3	Milwaukee....	2.2	2.1
Chicago.....	12.9	13.4				Reading.....	.8	1.0	Racine.....	.4	.4
Davenport.....	.5	.4				Scranton.....	1.9	2.2			
Peoria.....	.5	.5				Wilkes-Barre...	3.3	3.9			
Rockford.....	.2	.2									

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

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

<sup>3</sup>Volume less than 50 not shown.

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

# 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. 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 information is collected by trained interviewers from a sample of about 35,000 households, representing 357 areas in 701 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, exservicemen, and for 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 or looking for work 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 work 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-employed, 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 14 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 economic characteristics of employed and unemployed persons, and related labor force 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 Household Statistics on Employment and Unemployment from the*

*Current Population Survey*" (BLS Report 279). 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 14 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 14 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 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

Each month, 35,000 occupied units are designated for interview. About 1,500 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 percent. In addition to the 35,000 occupied units there are 5,000 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 on 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 or looking for work 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.

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 at all during the survey week and were looking for work, regardless of whether or not they were eligible for unemployment insurance. Also included as unemployed are those who did not work at all 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 (and were not in school

during the survey week); or (c) would have been looking for work except that they were temporarily ill or believed no work was available in their line of work or in the community.

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 or would have been looking for work except for temporary illness, or belief that no work was available in their line of work or in the community. 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 14 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.

*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 distributed proportionately between the full-time and voluntary part-time employment categories.

*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 the 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 especially of month-to-month changes but also of the levels for most items.

**Reliability of the Estimates**

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

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

Table A shows the average standard error for the major employment status categories, by sex, computed from data for past months. Estimates of change derived from the survey are also subject to sampling variability. The standard error of change for consecutive months is also shown in table A. The standard errors of level shown in table A are acceptable approximations of the standard errors of year to year change.

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

(In thousands)

Employment status and sex	Average standard error of--	
	Monthly level	Month-to-month change (consecutive months only)
<b>BOTH SEXES</b>		
Labor force and total employment.....	250	180
Agriculture.....	200	120
Nonagricultural employment.....	300	180
Unemployment.....	100	100
<b>MALE</b>		
Labor force and total employment.....	120	90
Agriculture.....	180	90
Nonagricultural employment.....	200	120
Unemployment.....	75	90
<b>FEMALE</b>		
Labor force and total employment.....	180	150
Agriculture.....	75	55
Nonagricultural employment.....	180	120
Unemployment.....	65	65

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 .....	5	5	7	5	5	5
50 .....	11	10	14	10	10	10
100 .....	15	14	20	14	14	14
250 .....	24	21	31	21	22	21
500 .....	34	30	43	30	31	30
1,000 .....	48	40	60	40	45	40
2,500 .....	75	50	90	50	70	50
5,000 .....	100	50	110	...	100	...
10,000 .....	140	...	140	...	130	...
20,000 .....	180	...	150	...	170	...
30,000 .....	210	...	...	...	...	...
40,000 .....	220	...	...	...	...	...

*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 160,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 160,000 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 160,000 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 135,000.

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	
	Estimates relating to agricultural employment	All estimates except those relating to agricultural employment
10 .....	14	12
25 .....	35	26
50 .....	70	48
100 .....	100	90
150 .....	110	130
200 .....	250	160
250 .....	...	190
300 .....	...	220

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and

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

Table D. Standard error of percentage

Base of percentages (thousands)	Estimated percentage								
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50
150 ...	1.0	1.4	2.2	3.0	3.5	4.0	4.2	4.7	4.9
250 ...	.8	1.1	1.7	2.3	2.8	3.1	3.4	3.7	3.9
500 ...	.6	.8	1.2	1.7	2.0	2.2	2.4	2.6	2.8
1,000 ..	.4	.5	.9	1.2	1.4	1.6	1.7	1.9	1.9
2,000 ..	.3	.4	.6	.8	1.0	1.1	1.2	1.3	1.4
3,000 ..	.2	.3	.5	.7	.8	.9	1.0	1.1	1.1
5,000 ..	.2	.2	.4	.5	.6	.7	.8	.8	.9
10,000 .	.1	.2	.3	.4	.4	.5	.5	.6	.6
25,000 .	.1	.1	.2	.2	.3	.3	.3	.4	.4
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 schedule is returned to the respondent each month by the collecting agency 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.

The 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 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 family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from total nonagricultural employment.

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. These 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, attendants, service employees, 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), 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 premium overtime hours of production and related workers during the pay period which includes the 12th of the month. Overtime hours are those for which premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or workweek. Weekend and holiday hours are included only if premium wage rates 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, while rates are the amounts stipulated for a given unit of work or time. The earnings series, however, 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 premium payments were made. 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, 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 may also 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.

#### 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 who received pay during the month, except executives, officials, and staff assistants (ICC group I). Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

#### Spensible Average Weekly Earnings

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

#### Indexes of Aggregate Weekly Payrolls and Man-Hours

The indexes of aggregate weekly payrolls and man-hours are prepared by dividing the current month's aggregate by the monthly average for the 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, and (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 periodically compared 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 1965 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 is then carried forward progressively to the current month by use of the sample trends. Thus, under

this procedure, the benchmark is used to establish the level of employment, while 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 therefore subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics.

## THE SAMPLE

### Design

The sampling plan used in the current employment statistics program is 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 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 a 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. 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 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 1965<sup>1</sup>

Industry division	Employees	
	Number reported	Percent of total
Mining . . . . .	287,000	46
Contract construction . . . . .	620,000	22
Manufacturing . . . . .	11,338,000	64
Transportation and public utilities:		
Railroad transportation (ICC)	697,000	96
Other transportation and public utilities . . . . .	1,740,000	54
Wholesale and retail trade . . . . .	2,403,000	20
Finance, insurance and real estate . . . . .	1,030,100	35
Service and miscellaneous . . . . .	1,682,000	19
Government:		
Federal (Civil Service Commission) <sup>2</sup> . . . . .	2,326,000	100
State and local . . . . .	3,980,000	52

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

<sup>2</sup> 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 1965

Industry	Employees	
	Number reported	Percent of total
Manufacturing . . . . .	10,809,200	61
Metal mining . . . . .	65,800	80
Coal mining . . . . .	61,600	43
Communication:		
Telephone . . . . .	579,200	80
Telegraph . . . . .	21,600	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 very high degree of accuracy. Therefore, sampling variability as expressed in standard errors of the estimate is of little consequence, particularly with respect to month-to-month changes. However, since the use of 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 to new benchmarks annually. 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 1965 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, for months between the current and the last preceding benchmark, are adjusted by tapering out the difference back from the current benchmark to the last 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.

An approximation 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.

Average standard deviation of revisions between final estimates and benchmarks and between preliminary and final estimates

Size of empl. estimate	Standard deviations of revisions	
	Final <sup>1</sup>	Preliminary
50,000 . . . . .	2,000	600
100,000 . . . . .	2,500	900
200,000 . . . . .	4,000	1,300
500,000 . . . . .	7,500	2,400
1,000,000 . . . . .	12,000	4,100

<sup>1</sup> 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 1963-65

Industry division	1963	1964	1965
Total . . . . .	101.0	100.0	99.5
Mining . . . . .	100.3	100.0	99.5
Contract construction . . . . .	101.5	101.5	100.9
Manufacturing . . . . .	100.1	100.2	99.8
Transportation and public utilities . . . . .	100.0	100.4	100.1
Wholesale and retail trade . . . . .	100.6	100.4	99.4
Finance, insurance, and real estate . . . . .	99.8	99.4	100.7
Service and miscellaneous . . . . .	100.8	99.7	97.9
Government . . . . .	103.8	99.0	99.8

#### 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 data of availability of each series) in a summary volume published annually by the Bureau of Labor Statistics.

## 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. An earlier version of the method is described in Appendix G of the 1962 Report of the President's Committee to Appraise Employment and Unemployment Statistics, *Measuring Employment and Unemployment*.

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, but seasonally adjusted employment totals for all employees and production workers by industry divisions are obtained by summing the seasonally adjusted data which are published for 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 1966 *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 1965 are published in the February 1966 *Employment and Earnings and Monthly Report on the Labor Force*. Revisions will be made annually as each additional year's data become available.

**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)
<b>Monthly Data</b>		
All employees . . . . .	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers; women employees . . . . .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours . . . . .	Production- or nonsupervisory-worker man-hours divided by number of production or nonsupervisory workers.	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours . . . . .	Production-worker overtime man-hours divided by number of production workers.	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings . . . . .	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker man-hours.	Average, weighted by aggregate man-hours, of the average hourly earnings for component cells.
Gross average weekly earnings . . . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates (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.
<b>Annual Average Data</b>		
All employees and production or nonsupervisory workers . . . . .	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . . . .	Annual total of aggregate man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours . . . . .	Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man-hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings . . . . .	Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours.	Annual total of aggregate payrolls divided by annual aggregate man-hours.
Gross average weekly earnings . . . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . . . .	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.



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## Bureau of Labor Statistics

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ARKANSAS	-Employment Security Division, Department of Labor, Little Rock 72203
CALIFORNIA	-Division of Labor Statistics and Research, Department of Industrial Relations, San Francisco 94102 (Employment). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
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DELAWARE	-Employment Security Commission, Wilmington 19801
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