# EMPLOYMENT and EARNINGS and

### **MONTHLY REPORT on the LABOR FORCE**

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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 are 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.

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

# SUMMARY EMPLOYMENT AND UNEMPLOYMENT DEVELOPMENTS, NOVEMBER 1966

The employment situation improved in November after several months of relatively little change. The following developments highlighted the employment-unemployment picture in November:

- 1. Better-than-seasonal employment pickups for adult women and teenagers reduced jobless rates for both groups to their 1966 lows. The seasonally adjusted nonagricultural employment gain for adult women (400,000) in large part reflected temporary jobs connected with the election.
- 2. Despite sharp improvements for most workers, the November unemployment rates for unskilled laborers (8.5 percent) and for workers in the construction industry (9.3 percent) were higher than a year earlier. The Negro unemployment rate (7.4 percent) was down from a year earlier and from the 8.0 percent level of the summer months but remained 2-1/3 times as high as the white rate.
- 3. Payroll employment rose by nearly 300,000 (seasonally adjusted) between October and November, with most of the pickup coming in manufacturing, services, and government. This series does not reflect the addition of temporary election help in November.
- 4. Construction employment showed a small seasonally adjusted decline, the fifth consecutive monthly decrease. November was the first month in 1966 when construction employment was below the level of a year earlier.
- 5. Total unemployment showed only half the usual seasonal increase, and the jobless rate declined from 3.9 to 3.7 percent. The November rate was the same as the February and April 1966 rates. The total unemployment rate was last below 3.7 percent in November 1953.

#### Payroll Employment, Hours, and Earnings

Nonfarm payroll employment, which usually declines between October and November, rose by 100,000 to 65.3 million. After seasonal adjustment, the increase amounted to 275,000 and was concentrated in manufacturing (100,000), services (65,000), and government (80,000). Since November 1965, payroll employment has risen by 2.9 million, with all sectors except mining and construction contributing to the gain.

Employment in contract construction fell by 150,000, slightly more than the usual drop between October and November. The number of construction jobs has declined by 200,000 (seasonally adjusted) from the March 1966 peak.

The seasonally adjusted employment increase of 100,000 in manufacturing was widespread among the individual industries. Trade, services, and State and local government each increased by between 25,000 and 65,000 in November.

The factory workweek, at 41.3 hours in November, was down 0.1 hour from October, and from November 1965. After seasonal adjustment, the workweek was also 41.3 hours, unchanged from October but down from the highs recorded earlier in 1966. Seasonally adjusted overtime, which had been at a record high of 4.1 hours in the spring, declined to 3.7 hours in November.

The average hourly earnings of manufacturing production workers rose 1 cent to \$2.76 in November. Weekly earnings, at \$113.99, were up slightly over the month and were \$4.28 higher than a year earlier.

### Unemployment

Over the past year, total unemployment has declined by 325,000 to 2,650,000. Adult workers accounted for most of the drop. Teenage unemployment declined only slightly, but the 450,000 employment increase over the year was greater than the teenage labor force expansion.

The jobless rate for adult men, 2.4 percent in November, was unchanged from the previous 2 months and was little different from that recorded earlier in 1966. The November rates for women (3.5 percent) and teenagers (11.0 percent) were both at their lowest 1966 levels. From February to April 1966, the rate for adult women had remained at 3.6 percent, but it ranged from 3.7 to 4.0 percent between May and October. Similarly, the teenage rate had increased from 11.5 percent in the February-April period to 12.3 percent between May and October.

The November drop in the over-all unemployment rate was reflected in lower jobless rates for most occupation and industry groups. An exception was the construction industry, where the unemployment rate was 9.3 percent, up from about 7 percent in June and July. The jobless rate for blue-collar workers also increased from 4.1 to 4.3 percent between October and November, reflecting higher rates for both craftsmen and nonfarm laborers.

The index of labor force time lost declined to a record low of 3.9 percent in November. This measure represents man-hours lost by the unemployed and by those on part time for economic reasons. Involuntary part-time employment in November reached the lowest level since these data first became regularly available in May 1955.

### Insured Unemployment

State insured unemployment rose by 105,000 to 855,000 between mid-October and mid-November--about the expected increase for this time of year. While all but five States reported larger volumes in November, the increases amounted to more than 10,000 in only two--California (24,500) and New York (16,900).

During the first 10 months of 1966, State insured unemployment averaged 1,080,000 per week or 21 percent less than during the same period in 1965. The

Recent Weekly State Insured Unemployment Data (In thousands)

		Current		Year earlier					
Week ended	Initial claims	Insured unemployment	Rate (Pct.)	Initial claims	Insured unemployment	Rate (Pct.)			
1966									
October 15 October 22 October 29 November 5 November 12 November 19 November 26	153 165 165 190 194 217 206	752 754 767 778 857 880	1.6 1.6 1.6 1.8 1.9	178 193 188 205 196 257 229	939 938 935 935 1,005 1,036	2.1 2.1 2.1 2.1 2.2 2.3			

number of persons exhausting their State benefit rights, however, dropped by 29 percent between the two periods. As a result, the claimant exhaustion rate was down to 18 percent in October 1966--the lowest for any month since the start of this series in January 1957.

The rate of insured unemployment (unadjusted) moved up from 1.6 to 1.8 percent over the month. (On an adjusted basis, the rate remained at 2.1 percent.) Alaska's unadjusted rate showed a typical October-November upswing--from 4.1 to 7.0 percent--and was by far the highest in the Nation. Only three other States--Nevada, California, and Washington--had rates above 3.0 percent. November 1966 rates were also above the national average of 1.8 percent in Massachusetts, New York, and New Jersey. On the other hand, in Texas, Illinois, Indiana, Michigan, Ohio, and Wisconsin, the rates were well below the national average.

### Total Employment and Labor Force

Total employment increased by nearly 300,000 in November, although a sharp drop is usual at this time of year. Most of the seasonally adjusted rise took place among women and teenagers. The gain for adult women was primarily among workers voluntarily on part time, reflecting a temporary pickup in employment connected with the elections.

The total labor force, at nearly 81.0 million in November, was up by approximately 2.4 million from a year earlier. The over-the-year increase in the Armed Forces amounted to more than 500,000, while the civilian labor force expanded by 1,850,000. The largest part of the civilian labor force expansion (1.2 million) took place among adult women. The gains for teenagers and adult men were 400,000 and 200,000, respectively.

# NEW DEFINITIONS FOR EMPLOYMENT AND UNEMPLOYMENT

An improved system for measuring employment and unemployment will go into effect in January 1967. The changes will make the concepts of employment and unemployment more consistent with the public understanding of the terms. They will make labor force statistics more useful for evaluating the condition of the economy and making policy decisions, will clear up several ambiguities and uncertainties in the definitions, and will provide additional information leading to new insights into manpower problems.

The improvements are in line with the basic recommendations of the President's Committee to Appraise Employment and Unemployment Statistics (the Gordon Committee), as set forth in the 1962 report of that Committee. Since April 1964, the Bureau of Labor Statistics has been conducting an experimental program, in cooperation with the Census Bureau, to test the proposed changes. A separate panel of 17,500 households has been utilized for this purpose.

The changes will increase the accuracy of the data but will not substantially alter the underlying concepts. In particular, the concept of unemployment will still relate to jobless individuals who are currently available for work and seeking work. At the same time, methods are being developed to identify and enumerate those jobless persons who are not seeking work because of remediable physical and psychological handicaps, illiteracy, discouragement, lack of motivation and other barriers.

The principal improvements in definitions are as follows:

- 1. The lower age limit for official statistics on employment, unemployment, and other labor force concepts will be raised from 14 to 16 years of age. Employed youngsters of 14 and 15 work mainly as part-time newsboys, baby-sitters, etc., and are barred from most occupations under the child labor laws. Unemployment in this age group has little economic or social significance. Data will be collected and published separately for the 14 and 15 year-olds, however. Insofar as possible, the historical series will be revised to provide consistent information based on the population 16 years of age and over.
- 2. To be counted as unemployed, an individual must be currently available for work. In the past, the test of current availability was not applied. A high school or college student, for example, who began to look for summer work in April was counted as unemployed in that month, even though he did not desire to work until the beginning of vacation in June.
- 3. To be counted as unemployed, a person must have engaged in some specific job seeking activity (going to the Employment Service, applying to an employer, answering a want-ad, etc.) within the past 4 weeks. (An exception is made for persons waiting to start a new job in 30 days or waiting to be recalled from layoff.) In the past, the household interview questionnaire has been ambiguous as to the time period for jobseeking, and there has been no specific question concerning methods of seeking work.
- 4. Persons with a job will be classified as employed, even though they were absent from their jobs in the survey week and were looking for other jobs. Up to now, persons absent from their jobs because of strikes, bad weather, etc., who were looking for other jobs were classified as unemployed. Henceforth, such persons will be classified as employed.
- 5. New "probing questions" will be asked in order to increase the reliability of information on hours of work, duration of unemployment, and the self employed. For example, many working proprietors of small incorporated businesses tend to classify

themselves as self employed, although actually they are employees. Clarification of this point will reduce the discrepancy between employment statistics based on household interviews and those based on establishment data.

While the unemployment figures will be based on the number of currently available jobseekers, much more information will be obtained on persons not in the labor force, with special emphasis on their potential availability for work. Questions will be asked as to when such persons last worked, why they left their jobs, the nature of those jobs, why they are not looking for work at the present time, and what their intentions are to seek jobs in the future.

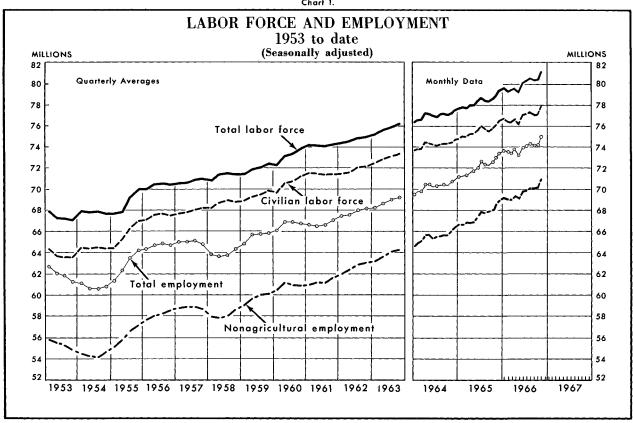
For the period November 1965 through October 1966, a comparison of published data with the experimental data indicates that:

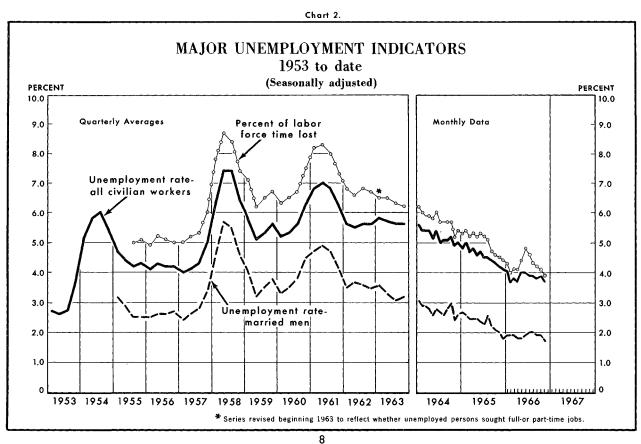
- --The elimination of 14 and 15 year-olds will reduce the number of employed by about 1 million (mostly baby-sitters, newsboys, and persons who help out in a family business without pay) and the number of unemployed by about 60,000 but will have no measurable effect on the unemployment rate. All major series will be revised for consistency back to 1948.
- -- The changes which will go into effect in January 1967 will not affect the over-all unemployment rate by more than one-fifth of a percentage point in either direction.
- --The seasonal pattern of teenage unemployment is changed somewhat, because those in school looking for summer jobs during the spring will be eliminated. The number of teenage unemployed will tend to be lower in April, May, and June, but the annual average level will not be greatly affected. Special procedures are being worked out to handle the seasonal adjustment of teenage unemployment in 1967.
- --The employment figures for persons 16 and over are not perceptibly affected by the new definitions. However, the distribution of the employed by hours of work and by "class of worker" (self employed, wage and salary employee, etc.) will be substantially changed because of the new probing questions.

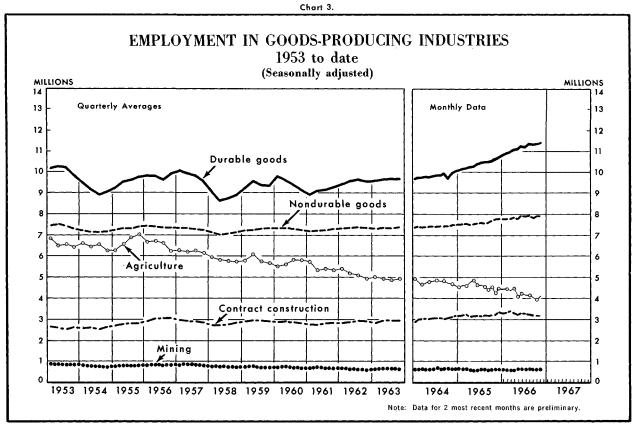
The February 1967 issue of Employment and Earnings and Monthly Report on the Labor Force will carry detailed tables comparing the published figures for 1966 on an annual average basis with the estimates derived from the new definitions and procedures. Except for the deletion of 14 and 15 year-olds from the historical data, however, there will be no general revision of the statistics published through the end of 1966. Most of the differences between the old and the new series are relatively small; for most analytical purposes, the data may be regarded as reasonably comparable. Users of the data will be able to consult the detailed comparison tables to decide whether their analyses and conclusions might be affected by the changes in definition.

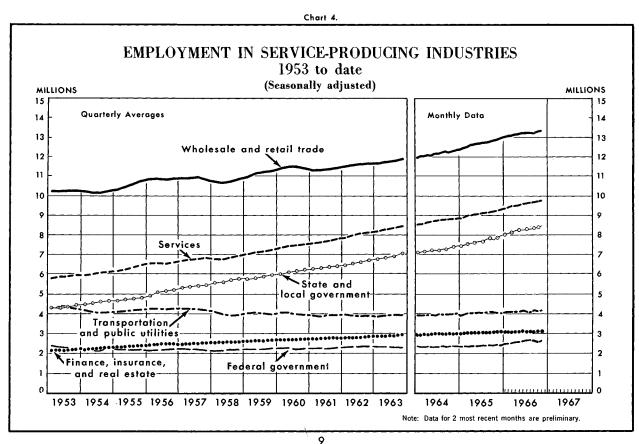
In addition to improving and expanding the monthly data on manpower resources and utilization, the BLS is expanding its auxiliary program of special labor force studies. More detailed research on labor force withdrawal and on the characteristics of the underemployed is being planned. For example, a survey of men 20-64 years of age not in the labor force is scheduled for February 1967. It will probe the reasons such persons remain outside the labor force, their attitudes toward work and work seeking, their health, their need for special assistance in finding work, and their knowledge of job placement and training facilities.

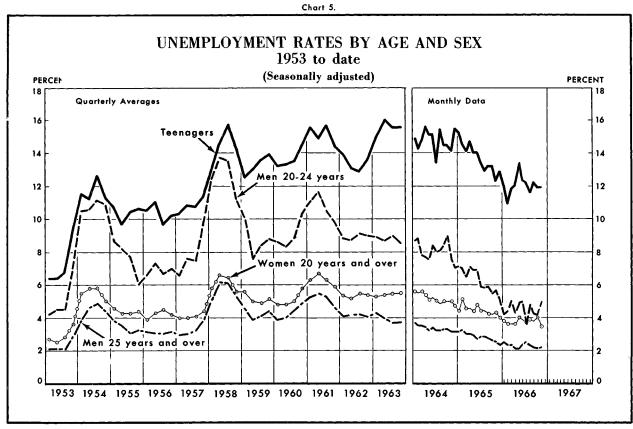
A more detailed description of the new definitions will appear in the February 1967 issue of this magazine.

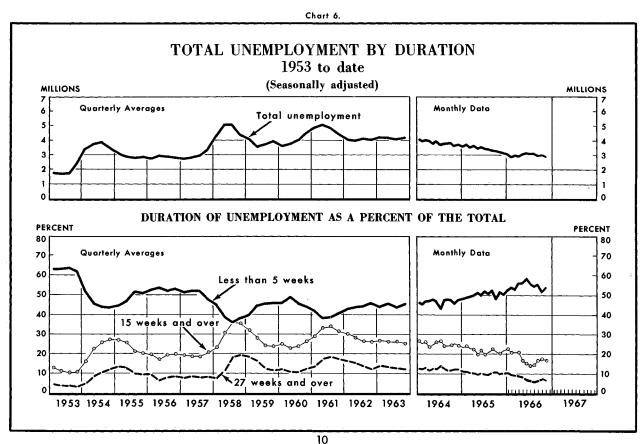


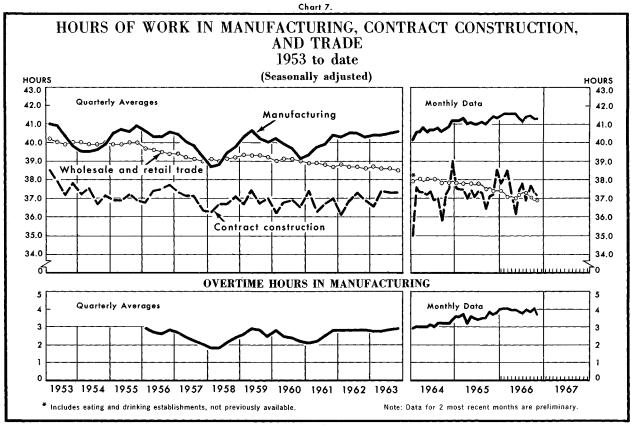


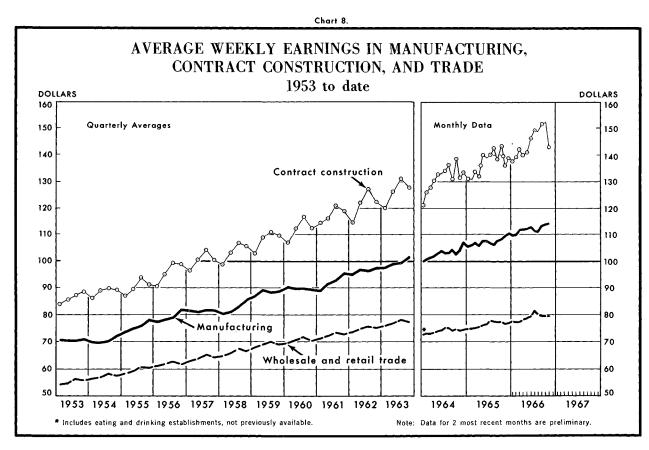


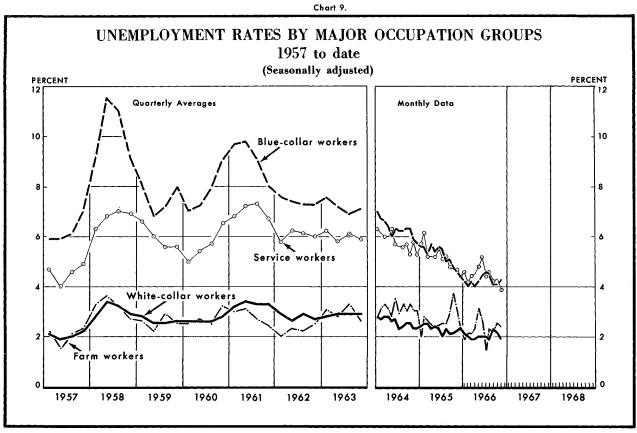


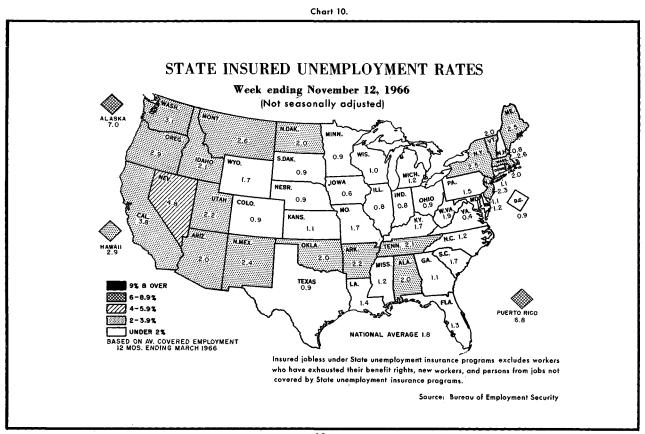












### Introducing Hours Data and Indexes of Earnings

### for All Employees in the Executive Branch

#### of the Federal Government

This issue of Employment and Earnings and Monthly Report on the Labor Force introduces, for the first time, average weekly hours data and indexes of average hourly and weekly earnings for Civil Service employees in the Executive Branch of the Federal Government. This addition to the hours and earnings data published by the Bureau is one step in a general program to extend the coverage to a wider band of industries. Hours and earnings data are now published for all production or nonsupervisory workers in five of the eight major divisions of industry--mining, contract construction, manufacturing, trade, and finance, insurance, and real estate--and for 75 percent of such workers in transportation and public utilities, 13 percent in services, and 25 percent in government.

The series on Federal employees cover <u>all employees</u>, including both salaried workers and hourly-paid wage-board employees, and are not comparable with the hours and earnings series published in the C-tables which relate to production or nonsupervisory workers only.

These data for the Executive Branch are collected by the Civil Service Commission. Employment figures represent the number of persons who occupied positions on the last day of the calendar month. The hours and earnings figures relate to all employees who worked or received pay during the pay period which includes the 12th of the month.

The table on the following page presents the data from the beginning of the series. Current figures will appear each month in table C-3 of this report.

## Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government (Employees in thousands-includes both supervisory and nonsupervisory employees) 1965-66

						763-00							
	Annual Averages	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			<del></del>	·	I	EXECUTIV	VE BRANCI	H	L	<del> </del>	<del> </del>	<u> </u>	
Total Employment 1965 1966	2,346.7					2,307.6 2,481.5					2,352.7	2,370.7	2,511.8
Average Weekly Hours 1965 1966	40.5	39.9 40.1	40.1 40.4	40.2 40.1	40.2 39.9	40.2 39.6	40.2 39.5	40.6 39.8	40.5 39.8	40.5 39.2	40.6	40.7	42.2
Average Overtime Hours 1965 1966	1.0	.6 1.4	.6 1.5	.6 1.5	.6 1.3	.7 1.3	.8 1.3	.8 1.0	.9 1.0	1.1 1.0	1.1	1.4	3, -
Indexes (1965 = 100):													
Average Weekly Earnings 1965 1966	100.0	97.9 102.5	98.4 103.3	98.4 102.5	98.4 101.1	98.7 100.9	98.4 100.1	98.2 100.9	98.2 101.4	99.1 102.4	100.5	104.0	108.8
Average Hourly Earnings 1965 1966	100.0	99.4 103.5	99.4 103.5	99.1 103.5	99.1 102.6	99.4 103.2	99.1 102.6	98.0 102.6	98.2 103.2	99.1 105.8	100.3	103.5	104.4
Mahal Ruslaman		,		т	DE	PARTMENT	OF DEFE	SE			1		
Total Employment 1965 1966	938.5	920.5 956.2	921.2 964.8	920.9 980.0	924.5 991.9	927.9 1,001.5	940.8 1,034.8	951.3 1,050.7	954.9 1,055.4	943.4 1,042.8	949.4	956.0	951.6
Average Weekly Hours 1965 1966	40.8	40.4 41.1	40.1 41.2	40.4 41.1	40.7 41.1	40.7 40.7	40.7 40.8	41.2 40.7	41.0 41.0	41.2 40.4	41.3	41.2	41.3
Average Overtime Hours 1965 1966	1.2	.7 1.7	.7 1.9	.7 2.0	.8 1.7	1.0 1.7	1.1	1.1 1.6	1.4 1.5	1.6	1.6	1.5	1.4
Indexes (1965 = 100):	}					1						Ì	
Average Weekly Earnings 1965 1966	100.0	97.9 103.9	98.3 104.2	97.9 103.9	99.2 102.8	99.8 103.2	99.8 102.3	99.2 101.8	99.3 102.5	100.4 103.6	101.2	103,9	103.9
Average Hourly Earnings 1965 1966	100.0	98.8 103.2	100.0 103.2	98.8 103.2	99.4 102.0	100.0 103.5	100.0	98.3 102.0	98.8 102.0	99.4 104.6	100.0	102.9	102.6
					PO	T OFFICE	DEPART	ÆNT.					
Total Employment 1965 1966	614.2	592.7 624.4	589.8 632.4	592.1 639.5	594.9 652.8	594.5 660.2	593.9 673.6	604.1 683.1	608.5 689.4	602.8 682.0	608.0	617.8	771.5
Average Weekly Hours 1965 1966	41.3	40.9 39.4	41.2 40.2	41.0 39.2	40.6 38.6	40.4 38.0	40.6 37.5	40.6 38.0	40.5 37.7	40.5 37.2	40.7	40.9	47.1
Average Overtime Hours 1965 1966	1.2	.6 1.5	.5 1.5	.5 1.2	.4 1.1	.2	.2	.2	.2	.4	.5	1.8	8.2
Indexes (1965 = 100);													
Average Weekly Earnings 1965 1966	100.0	97.7 100.1	98.1 101.8	97.6 99.0	96.7 97.2	95.9 95.3	96.4 94.1	96.0 96.6	95.8 95.8	96.1 96.9	97.9	103.6	126.8
Average Hourly Earnings 1965 1966	100.0	98.7 105.0	98.3 104.6	98.3 104.3	98.3 104.0	98.0 103.6	98.0 103.6	97.7 105.0	97.7 105.0	98.0 107.6		104.6	111.2
m-t-1 m-1				,		OTHER A	GENCIES				T	,	
Total Employment 1965 1966	793.9	780.1 794.8	777.7 802.5	781.8 809.3	786.5 816.8	785.2 819.8	807.2 851.4	819.7 870.4	812.7 863.2	795.1 831.6	795.3	796.9	788.7
Average Weekly Hours 1965 1966	39.5	38.5 39.5	39.4 39.6	39.2 39.5	39.2 39.5	39.4 39.5	39.4 39.4	40.0 40.1	39.8 39.9	39.7 39.5	39.7	39.9	39.4
Average Overtime Hours 1965 1966	.8	.6	.6 1.1	.6 1.1	.6 1.0	.7	.8 1.1	.8 .9	.8	.9	.9	1.0	
Indexes (1965 = 100):					1							}	
Average Weekly Earnings 1965 1966	100.0	98.8 103.5	99.5 103.5	99.0 103.3	98.7 102.7	99.2 102.7	98.4 101.9	98.8 103.4	98.6 104.0	99.7 105.7	101.3	104.8	103.0
Average Hourly Earnings 1965 1966	100.0	101.1 103.5	99.7 103.3	99.7 103.3	99.5 102.7	99.5 102.7	98.6 102.2	97.6 101.9	97.8 103.0	99.2 105.7		103.8	103.3

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

·				1		Civi	ilian labor force	•			
	Total	Total lab	or force			Employed 1			Unemployed	1	
	noninsti-		Percent				Nonagri-	ļ		ent of force	Not in
Year and month	tutional popula- tion	Number	of popula- tion	Total	Total	Agri- culture	cultural indus- tries	Number	Not season- ally adjusted	Season- ally adjusted	labor force
1929	(2) (2) (2) (2) (2)	49,440 50,080 50,680 51,250 51,840	(2) (2) (2) (2) (2)	49,180 49,820 50,420 51,000 51,590	47,630 45,480 42,400 38,940 38,760	10,450 10,340 10,290 10,170 10,090	37,180 35,140 32,110 28,770 28,670	1,550 4,340 8,020 12,060 12,830	3.2 8.7 15.9 23.6 24.9	-	(2) (2) (2) (2) (2)
1934	(2) (2) (2) (2) (2)	52,490 53,140 53,740 54,320 54,950	(2) (2) (2) (2)	52,230 52,870 53,440 54,000 54,610	40,890 42,260 44,410 46,300 44,220	9,900 10,110 10,000 9,820 9,690	30,990 32,150 34,410 36,480 34,530	11,340 10,610 9,030 7,700 10,390	21.7 20.1 16.9 14.3 19.0	-	(2) (2) (2) (2)
1939	(2) 100,380 101,520 102,610 103,660	55,600 56,180 57,530 60,380 64,560	(2) 56.0 56.7 58.8 62.3	55,230 55,640 55,910 56,410 55,540	45,750 47,520 50,350 53,750 54,470	9,610 9,540 9,100 9,250 9,080	36,140 37,980 41,250 44,500 45,390	9,480 8,120 5,560 2,660 1,070	17.2 14.6 9.9 4.7 1.9	-	(2) 44,200 43,990 42,230 39,100
1944	104,630 105,530 106,520 107,608 108,632	66,040 65,300 60,970 61,758 62,898	63.1 61.9 57.2 57.4 57.9	54,630 53,860 57,520 60,168 61,442	53,960 52,820 55,250 57,812 59,117	8,950 8,580 8,320 8,256 7,960	45,010 44,240 46,930 49,557 51,156	670 1,040 2,270 2,356 2,325	1.2 1.9 3.9 3.9 3.8	-	38,590 40,230 45,550 45,850 45,733
1949 1950 1951 1952 1953 3	109,773 110,929 112,075 113,270 115,094	63,721 64,749 65,983 66,560 67,362	58.0 58.4 58.9 58.8 58.5	62,105 63,099 62,884 62,966 63,815	58,423 59,748 60,784 61,035 61,945	8,017 7,497 7,048 6,792 6,555	50,406 52,251 53,736 54,243 55,390	3,682 3,351 2,099 1,932 1,870	5.9 5.3 3.3 3.1 2.9	-	46,051 46,181 46,092 46,710 47,732
1954	116,219 117,388 118,734 120,445 121,950	67,818 68,896 70,387 70,744 71,284	58.4 58.7 59.3 58.7 58.5	64,468 65,848 67,530 67,946 68,647	60,890 62,944 64,708 65,011 63,966	6,495 6,718 6,572 6,222 5,844	54,395 56,225 58,135 58,789 58,122	3,578 2,904 2,822 2,936 4,681	5.6 4.4 4.2 4.3 6.8	- - - -	48,401 48,492 48,348 49,699 50,666
1959 1960 <sup>4</sup> 1961	123,366 125,368 127,852 130,081 132,124 134,143 136,241	71,946 73,126 74,175 74,681 75,712 76,971 78,357	58.3 58.0 57.4 57.3 57.4 57.5	69,394 70,612 71,603 71,854 72,975 74,233 75,635	65,581 66,681 66,796 67,846 68,809 70,357 72,179	5,836 5,723 5,463 5,190 4,946 4,761 4,585	59,745 60,958 61,333 62,657 63,863 65,596 67,594	3,813 3,931 4,806 4,007 4,166 3,876 3,456	5.5 5.6 6.7 5.6 5.7 5.2 4.6	-	51,420 52,242 53,677 55,400 56,412 57,172 57,884
1965: November December 1966: January. February. March April. May June July August. September October. November	137,043 137,226 137,394 137,562 137,741 137,908 138,100 138,275 138,444 138,648 138,839 139,041	78,598 78,477 77,409 77,632 78,934 78,914 79,751 82,700 82,771 82,468 80,052 80,530 80,968	57.4 57.2 56.3 56.4 56.7 57.2 57.7 59.8 59.8 59.6 57.7 57.9 58.2	75,803 75,636 74,519 74,708 75,966 75,966 76,706 79,601 79,636 79,823 77,825 77,646	72,837 72,749 71,229 71,551 72,023 73,764 75,731 76,411 76,4251 74,251 74,730 75,006	4,128 3,645 3,577 3,612 3,780 4,204 4,292 5,187 5,010 4,707 4,373 4,301 3,969	68,709 69,103 67,652 67,939 68,900 69,472 70,543 71,402 71,662 71,668 70,430 71,036	2,966 2,888 3,290 3,158 3,037 2,892 2,942 3,870 3,870 3,921 2,573 2,521 2,640	3.98 4 2 0 7 7 8 9 0 7 3 3 3 4 4 5 7 3 3 3 4 4 5 7 3 3 3 5 4 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7	4.2 4.1 3.9 3.7 3.8 3.7 4.0 3.9 3.9 3.9 3.7	58,445 58,749 59,985 59,930 59,707 58,994 58,349 55,575 55,673 56,180 58,787 58,511 58,269

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.

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

<sup>&</sup>lt;sup>2</sup>Not available.

Beginning 1953, labor force and employment figures are not scrictly 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.

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.

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.

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

(In thousands)

	· · · · · · · · · · · · · · · · · · ·	T11-2		(211 (110	usands)	Civ	ilian labor forc	e	··		Γ
	Total	Total lab	or torce			Employed1		t	Inemployed 1		1
Sex, year, and month	noninsti- tutional		Percent	<b> </b>			Nonagri-		Perce labor	ent of force	Not in labor
Sea, year, and month	popula- tion	Number	of popula- tion	Total	Total	Agri- culture	cultural indus- tries	Number	Not season- ally adjusted	Season- ally adjusted	force
MALE				1- 10-					_, _		0.00
1940	50,080 51,980	42,020 46,670	83.9 89.8	41,480 35,460	35,550 35,110	8,450 7,020	27,100 28,090	5,930 350	14.3	-	8,060 5,310
19 <sup>44</sup>	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 <b>,0</b> 28	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 84.9	44,442 43,612	42,162	6,271	35,891	2,280 1,250	5.1	-	8,457 8,322
1951 1952	54,996 55,503	46,674 47,001	84.7	43,454	42,362 42,237	5,791 5,623	36,571 36,614	1,217	2.9 2.8	-	8,502
1953 2	56,534	47,692	84.4	44,194	42,966	5,496	37,470	1,228	2.8	-	8,840
1954	57,016	47,847	83.9	44,537	42,165	429و5	36,736	2,372	5.3	-	9,169
1955	57,484	48,054	83.6	45,041	43,152	5,479 5,268	37,673	1,889	4.2	-	9,430
1956	58,813	48,579 48,649	83.7 82.7	45,756 45,882	43,999 43,990	5,037	38,731 38,952	1,757	3.8 4.1	:	9,465 10,164
1957	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 3	61,000	49,507	81.2	47,025	44,485	4,678	39,807	2,541	5.4	)-	11,493
1961	62,147 63,234	49,918	80.3 79.3	47,378 47,380	44,318 44,892	4,508 4,266	39,811 40,626	3,060 2,488	6.5 5.3	:	12,229
1962 4	64,163	50,175 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: November	66,406	51,200	77.1	48,438	46,910	3,351	43,559	1,528	3.2	3.6	15,205
December 1966: January	66,489 66,563	51,148	76.9	48,340	46,615	3,106	43,509	1,726	3.6	3.5	15,340
February	66,638	50,778 50,911	76.3 76.4	47,922	45,959 46,112	3,069 3,098	42,890 43,014	1,963	4.1 4.0	3.4 3.2	15,785 15,727
March	66,718	51,180	76.7	48,240	46,393	3.225	43,168	1,847	3.8	3.4	15,349
April	66,792	51,748	77-5	48,773	47,217	3.533	43,684	1,556	3.2	3.1	15,044
May June	66,879	52,135	78.0	49,123	47,586	3,496	14,090	1,537	3.1	3.3	14,744
July	66 <b>,95</b> 6 67 <b>,</b> 032	54,405 54,599	81.3 81.5	51,340 51,498	49,330 49,773	4,048 3,893	45,282 45,880	2,010 1,725	3.9 3.3	3.4 3.4	12,551
August	67.122	54,283	80.9	51,138	49,648	3,731	45,917	1.489	2.9	3.2	12,839
September	67,208	52,074	77.5	48.878	47,611	3,459	44,157	1.266	2.6	3.3	15,135
October November	67 <b>,300</b> 67,389	52,039 52,058	77.3	48,794 48,770	47,597	3,428 3,248	44,170 44,161	1.197	2.5 2.8	3.2	15,260
FEMALE	01,309	)2,0,0	77.2	40,770	47,409	3,240	44,101	1,362	2.0	3.1	15,331
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	18,850	1,930	16,920	320	1.7	-	33,280
1947 1948	54,523 55,118	16,915 17,599	31.0 31.9	16,896 17,583	16,349 16,348	1,314 1,338	15,036 15,510	547 735	3.2 4.1	:	37,608 37,520
1949	55 <b>.7</b> 45	18,048	32.4	18,030	16,947	1,386	15,561	1,083	6.0	-	37,697
1950	55,745 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 1953 <sup>2</sup>	57,766 58,561	19,558 19,668	33•9 33•6	19,513 19,621	18,798 18,979	1,170 1,061	17,628 17,918	715 642	3•7 3•3		38,208 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 19,401	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····· 1958·····	61,632 62,472	22,097 22,482	35•9 36•0	22,064	21,021 20,924	1,184 1,042	19,837 19,882	1,526	4.7 6.8	-	39,535 39,990
1959	63.265	22,865	36.1	22,832	21.492	1,087	20,405	1,340	5.9	_	40.401
1960 3	64,368 65,705	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 <b>,8</b> 48 67 <b>,</b> 962	24,507 25,141	36.7 37.0	24,474 25,109	22,954 23,479	924 925	22,031 22,554	1,519 1,629	6.2 6.5	-	42,341 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: November	70,638		38.8	27,365	25,926	777	25,149	1,438	5•3	5.4	43,240
December	70,737	27,398 27,329 26,631	38.6	27,296	26,134	539	25,595	1,162	4.3	5.1	43,408
1966: January February	70,831	26,631	37.6	26,597	25,271	508	24,762	1.327	5.0	4.9 4.6	44,200
March	70,924 71,023	26,721 26,855	37•7 37•8	26,687 26,821	25,438 25,630	514 555	24,924	1,249	4.7	4.6	44,203
April	71,117	27,166	38.2	27,133	25,888	671	25,075 25,216	1,190 1,245	4.4 4.6	4.6 4.8	44,168 43,950
Мау	71,221	27,617	38.8	27,584	26,179	797	25 <b>,3</b> 82	1,405	5.1	5.2	43,604
June	71,319	28,295	39•7	[28,261]	26,401	1,139	25,262	1,860	6,6	5.1	43,024
July August	71,413 71,527	28,172 28,186	39.4 39.4	28,138 28,153	26,638 26,720	1,117	25,522	1,500	5.3	4.9	43,240
September	71.632	27.980	39.4	27.946	26,720 26,639	976 914	25,522 25,726	1,432 1,306	5.1 4.7	5.1 4.8	43,341
October	71,741	28,491 28,910	39.7	27,946 28,457 28,876	27,133	873	26,260	1,324	4.7	4.0	43,652 43,251
November	71,848	28,910	40.2	28,876	27,133 27,597	721	26,260 26,876	1,324 1,279	4.4	4.5	43,251 42,938

1See footnote 1, table A-1. 2See footnote 3, table A-1. 3See footnote 4, table A-1. 4See footnote 5, table A-1.

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

Female

Employment status  Total	Nov. 1966 139,237	0et. 1966 139,041	Nov. 1965	Nov. 1966	0et. 1966	Nov. 1965	Nov. 1966	0et. 1966	Nov.
Total labor force	139,237	120 067						1,900	1965
		139,041	137,043	67,389	67,300	66,406	71,848	71,741	70,638
Employed Agriculture Nonagricultural industries Unemployed Unemployed Unemployment rate Not in the labor force.	80,968 77,646 75,006 3,969 71,036 2,640 3,4 58,269	80,530 77,251 74,730 4,301 70,430 2,521 3.3 58,511	78,598 75,803 72,837 4,128 68,709 2,966 3,9 58,445	52,058 48,770 47,409 3,248 44,161 1,362 2.8 15,331	52,039 48,794 47,597 3,428 44,170 1,197 2,5 15,260	51,200 48,438 46,910 3,351 43,559 1,528 3,2 15,205	28,910 28,876 27,597 721 26,876 1,279 4.4 42,938	28,491 28,457 27,133 873 26,260 1,324 4.7 43,251	27,398 27,365 25,926 777 25,149 1,438 5.3 43,240
WHITE	•								
Total labor force. Civilian labor force Employed. Agriculture. Nonagricultural industries. Unemployed Unemployment rate Not in the labor force	72,012 68,972 66,923 3,458 63,464 2,049 3.0 52,362	71,546 68,546 66,565 3,681 62,884 1,981 2.9 52,661	69,803 67,245 64,917 3,498 61,419 2,328 3.5 52,704	46,822 43,814 42,739 2,847 39,892 1,075 2.5 13,563	46,811 43,842 42,880 3,013 39,867 962 2.2 13,498	46,026 43,497 42,292 2,900 39,392 1,205 2.8 13,519	25,194 25,158 24,184 611 23,573 974 3.9 38,799	24,734 24,703 23,685 668 23,017 1,019 4,1 39,164	23,777 23,747 22,624 597 22,027 1,123 4.7 39,185
NONWHITE									
Total labor force.  Civilian labor force.  Employed.  Agriculture  Nonagricultural industries.  Unemployed  Unemployment rate  Not in the labor force	8,956 8,674 8,083 511 7,572 591 6,8 5,907	8,984 8,705 8,165 619 7,546 540 6.2 5,850	8,794 8,558 7,920 630 7,290 638 7.5 5,742	5,237 4,957 4,670 401 4,269 287 5.8 1,768	5,228 4,952 4,717 414 4,303 235 4.7 1,763	5,175 4,941 4,618 450 4,168 323 6,5 1,687	3,721 3,718 3,413 110 3,303 305 8.2 4,139	3,756 3,753 3,448 205 3,243 305 8,1 4,087	3,620 3,617 3,302 180 3,122 315 8.7 4,055

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

(In thousands)

				(m alou	saugs)							
		Total		Men,	20 years an	d over .	Women,	20 years a	nd over	Teena	gers, 14-19	years
Full- and part-time employment status	Nov. 1966	0et. 1966	Nov. 1965	Nov. 1966	0ct. 1966	Nov. 1965	Nov. 1966	0ct. 1966	Nov. 1965	Nov. 1966	0ct. 1966	Nov. 1965
FULL TIME							]			ļ	]	
Civilian labor force	66,308	66,424	65,498	43,098	43,177	42,940	19,984	19,988	19,443	3,226	3,259	3,115
Full-time schedules 1		62,890 1,648	61,331	41,444 753	41,628 787	40,977 942	18,581 712	18,533 697	17,811 814	2,676 170	2,729 164	2,545
work	1,972	1,886	2,196 3.4	901 2.1	762 1.8	1,021 2.4	691 3•5	758 3.8	818 4.2	380 11.8	366 11.2	357
PART TIME				Į			l		ļ	j		1
Civilian labor force Employed (voluntary part time) <sup>1</sup> Unemployed, looking for part-time	11,337	10,827	10,304 9,534	1,712 1,642	1,651 1,574	1,666 1,578	5,495 5, <b>29</b> 0	5,210 5,001	4,807 4,585	4,130 3,736	3,966 3,617	3,831 3,371
work	669 5•9	635 5•9	770 7.5	70 4.1	4.7	88 5•3	205 3•7	209 4.0	222 4.6	394 9•5	349 8.8	460 12.0
	1	7		L	I		B	L	I .	3	1	ł.

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

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

	The	usands of per	sons	បត	employment ra	te	Pe	rcent distribut	ion
Age and sex	Nov. 1966	0ct. 1966	Nov. 1965	Nov. 1966	0et. 1966	Nov. 1965	Nov. 1966	0et. 1966	Nov. 1965
Total	2,640	2,521	2,966	3.4	3.3	3.9	100.0	100.0	100.0
Male	1,362 391 50 342 971 204 767 159 242 161 144	1,197 358 41 317 839 157 682 158 202 146 117	1,528 420 60 359 1,108 233 875 212 210 189 194	2.8 9.9 7.9 10.3 2.3 1.6 2.6 2.1 2.9	2.50 9.66 9.59 3.37 1.84 1.12.8	3.2 10.9 9.3 11.3 2.5 4.9 2.1 1.9 2.9 3.5	51.6 14.8 1.9 12.9 36.8 7.7 29.0 6.0 9.2 6.1 5.5	47.5 14.2 1.6 12.6 33.3 6.2 27.1 6.3 8.0 5.8	51.5 14.1 2.0 12.1 37.4 7.9 29.5 7.1 7.1 6.4 6.5
Female.  14 to 19 years  14 and 15 years  16 to 19 years  20 years and over  20 to 24 years  25 years and over  25 to 34 years  35 to 44 years  45 to 54 years  55 to 64 years  65 years and over	1,279 383 13 369 896 190 706 199 199 185 90 33	1,324 357 14 343 966 246 720 214 203 176 102 25	1,438 398 17 381 1,040 253 787 211 260 186 101 31	4.4 12.3 2.9 12.5 3.5 5.1 3.3 4.1 3.0 2.4 3.2	4.70 3.4 12.1 3.8 7 3.5 4.5 4.5 2.6 2.6	5.888.33.38.75.28.2 14.33.8.75.28.2 3.4.53.8.33.8.75.28.2	48.4 14.5 5 14.0 33.9 7.2 26.7 7.5 7.5 7.0 3.4 1.2	52.5 14.2 .6 13.6 38.3 9.8 28.6 8.5 8.1 7.0 4.0	48.5 13.4 .66 12.8 35.1 8.5 26.6 7.1 8.8 6.3 3.4

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

	1	Unemployment	rate	Pe	rcent distribut	ion
İndustry	Nov. 1966	0et. 1966	Nov. 1965	Nov. 1966	0et. 1966	Nov. 1965
Total	3.4	3.3	3.9	100.0	100.0	100.0
Experienced wage and salary workers	3.2	3.0	3•7	82.3	80.5	81.4
Agriculture	6.7	5.0	9.1	3.4	3.1	4.5
Nonagricultural industries	3.i	3.0	3.5	78.9	77.5	76.9
Mining, forestry, fisheries	3.3	3.8	2.6	8.	.9	6.
Construction	7.2	5.1	6.5	11.1	8.5	9.4
Manufacturing	2.7	2.7	3.5	21.8	21.8	23.6
Durable goods	2.2	2.3	3.0	10.2	10.8	11.5
Primary metal industries	3.1	1.9	3.7	1.6	1.0	1.5
Fabricated metal products	ĭ.7	2.5	2.9	1.1	1.7	1.4
Machinery	1.2	1.4	2.0	1.1	1.2	1.2
Electrical equipment	1.7	3.0	2.4	1.3	2.3	1.4
Transportation equipment	1.7	2.0	1.9	1.5	1.7	1.4
Motor vehicles and equipment,	1.4	1.1	1 .7	6	- 5	.2
All other transportation equipment	2.0	2.8	3.1	9	1.3	1.1
Other durable goods industries	3.6	2.8	4.9	3.7	2.9	4.5
Nondurable goods	3.5	3.2	4.2	11.6	10.9	12.2
Food and kindred products	4.7	3.6	4.6	3.5	2.9	3.1
Textile mill products	3.5	3.4	4.1	1.5	1.4	1.4
Apparel and other finished textile products	5•4	5.8	7.8	2.8	3.1	3.6
Other nondurable goods industries	2.4	2.1	2.8	3.8	3.5	4.0
Transportation and public utilities	1.6	1.3	1.9	_	2.4	3.0
Railroads and railway express	1.1	1.3	1.6	2.8	2.4	3.0
Other transportation		1,7		1 .•3	1	
Communication and other public utilities	2.4	1.6	2.5	1.7	1.2	1.5
•	1.1	1.5	1.6	8.	1.2	1.1
Wholesale and retail trade	4.2	3.9	4.1	19.4	18.7	17.0
Service industries	2.2	2.4	2.1	2.5	2.9	2.3
	2.8	3.1	3-5	17.8	20.1	18.7
Professional services	1.9	2.2	2.2	7.4	8.8	7.1
All other service industries	4.3	4.5	5.4	10.4	11.3	11.6
Public administration	1.6	1.4	1.9	2.6	2.3	2.4
Self-employed and unpaid family workers	-7	.6	.7	2.6	2.3	2.2
No previous work experience	-	-	-	15.0	17.2	16.4
14 to 19 years	-	-	-	11.9	12.8	13.4
20 years and over	-	-	<b>,</b> -	3.1	4.3	3.0

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

	Uı	nemployment ra	te	P	ercent distribu	tion
Occupation	Nov. 1966	Oct. 1966	Nov. 1965	Nov. 1966	0ct. 1966	Nov. 1965
Total ····	3,4	3.3	3.9	100.0	100.0	100.0
White-collar workers Professional and technical Managers, officials, and proprietors Clerical workers Sales workers Blue-collar workers Craftsmen and foremen Operatives Nonfarm laborers. Service workers Private household workers Other service workers Farm workers Farm workers. Farmers and farm managers	1.9 1.0 .8 2.8 2.9 3.9 2.6 3.7 7.9 3.9 2.6 4.3 2.5	2.0 1.3 .9 3.2 2.0 3.3 2.2 3.6 5.4 4.0 3.5 4.1	2.1 1.3 1.2 2.9 3.1 4.2 2.5 4.4 7.6 4.7 4.5 4.8 3.2	24.7 3.9 2.3 13.2 5.3 41.4 9.9 20.4 11.1 15.3 2.4 12.9 3.6	27.1 5.1 2.5 15.6 3.9 37.0 8.8 20.3 7.9 16.0 3.2 12.9 2.6	23.6 3.9 2.9 11.5 5.2 39.7 8.2 21.4 10.2 16.0 3.8 12.2
Farm laborers and foremen	4.4	3.3	6.3 -	2.8 15.0	2.5 17.2	3.9 16.4

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

	Tho	usands of per	sons	Un	employment ra	te	Per	cent distributi	ion
Characteristics	Nov. 1966	Oct. 1966	Nov. 1965	Nov. 1966	0ct。 1966	Nov. 1965	Nov. 1966	Oct. 1966	Nov. 1965
MARITAL STATUS									
Total	2,640	2,521	2,966	3.4	3.3	3,9	100.0	100.0	100.0
Male	1,362	1,197	1,528	2.8	2.5	3,2	51.6	47.5	51.5
Married, wife present		537	676	1.6	1,4	1.8	23.0	21.3	22.8
Single	614	533	692	7.4	6.4	8,3	23.3	21.2	23.3
14 to 19 years	382	345	414	10.3	9.3	11.4	14.5	13.7	13,9
20 years and over	232	189	278	5.0	4.0	5.8	8.8	7.5	9,4
Other marital status	141	127	161	5.5	5.0	6.1	5.3	5.0	5.4
Female	1,279	1,324	1,438	4.4	4.7	5.3	48.4	52.5	48.5
Married, husband present	603	620	691	3.7	3.8	4.5	22.8	24.6	23.3
Single	430	457	474	6.4	7.0	7.2	16.3	18.1	16.0
14 to 19 years	310	298	325	10.6	10.5	12.0	11.7	11.8	11.0
20 years and over	120	159	150	3.2	4.3	3.9	4.5	6,3	5.1
Other marital status	246	247	273	4.3	4.2	5,0	9.3	9,8	9.2
HOUSEHOLD RELATIONSHIP									
Total	2,640	2,521	2,966	3.4	3,3	3.9	100.0	100.0	100.0
Household head	911	826	1,015	2.0	1.8	2,2	34.5	32.8	34.2
Living with relatives	724	619	794	1.8	1.5	2,0	27.4	24.6	26.8
Not living with relatives	187	207	221	3.3	3.7	4,1	7.1	8.2	7.5
Wife of head	569	598	665	3.5	3.8	4.4	21.6	23.7	22.4
Other relative of head	1,101	1,031	1,220	8.2	7.7	9.0	41.7	40.9	41.1
Non-relative of head	59	65	66	4.2	4.7	4.7	2.2	2.6	2.3

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

		Total			White		Nonwhite			
Employment status	Nov.	0ct.	Nov.	Nov.	0ct.	Nov.	Nov.	0ct.	Nov.	
	1966	1966	1965	1966	1966	1965	1966	1966	1965	
IN SCHOOL										
Civilian lahor force	3,414	3,267	3,070	3,116	3,005	2,785	297	262	288	
	3,058	2,960	2,670	2,817	2,748	2,467	240	212	206	
	356	307	400	299	257	318	57	50	82	
	10.4	9,4	13.0	9,6	8.6	11.4	19,2	19.1	28•5	
	7,273	7,290	7,247	6,336	6,366	6,355	937	924	892	
NOT IN SCHOOL										
Civilian labor force	5,934	5,857	5,898	5,134	5,022	5,124	799	834	774	
	5,366	5,268	5,341	4,730	4,597	4,710	634	670	631	
	568	589	557	404	425	414	165	164	143	
	9,6	10,1	9,4	7,9	8.5	8,1	20.7	19.7	18.5	
	2,035	2,191	2,079	1,699	1,833	1,744	336	358	335	

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

	Thou	sands of p	ersons	Perce	ent distrib	ution	İ	Thous	ands of p	ersons	Percent distribution		
Duration of unemployment	Nov. 1966	0et. 1966	Nov. 1965	Nov. 1966	0ct. 1966	Nov. 1965	Category	Nov. 1966	0et. 1966	Nov. 1965	Nov. 1966	0e <b>t.</b> 1966	Nov. 1965
Total	2,640	2,521	2,966	100.0	100.0	100.0	Total	2,640	2,521	2,966	100.0	100.0	100.0
Less than 5 weeks	1,517	1,391	1,620	57.5	55.2	54.6	ŀ	-	ĺ				
5 to 14 weeks	725	690	81.5	27.4	27.4	27.5	Persons on temporary			1	ا ا		}
5 and 6 weeks	174	266	21.5	6.6	10.6	7.2	layoff	69	73	108	2.6	2.9	3.6
7 to 10 weeks	361	289	374	13.7	11.5	12.6	ļ		ļ		1		ł
ll to 14 weeks	189	135	226	7.2	5.4	7.6	Persons scheduled to begin		•				ł
15 weeks and over	398	439	531	15.1	17.4	17.9	new jobs within 30 days.	121	126	97	4.6	5.0	3.3
15 to 26 weeks	224	240	257	8.5	9.5	8.7	<b>!</b>		1				
27 weeks and over	174	199	274	6.6	7.9	9.2	All other unemployed	2,450	2,322	2,761	92.8	92.1	93.1
Average (mean) duration	9.3	10.2	11.1	-	-	-	<b>i</b> 1				I		1

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

		Unemployed 15	weeks and over			Unemployed 27	weeks and over		Civilian labor
Characteristics		unemployed h group	Percent di	stribution	Percent of in each		Percent di	stribution	force (percent distribution)
	Nov. 1966	Nov. 1965	Nov. 1966	Nov. 1965	Nov. 1966	Nov. 1965	Nov. 1966	Nov. 1965	Nov. 1966
INDÚSTRY									
Total	15.1	17.9	100.0	100.0	6.6	9.2	100.0	100.0	100.0
Experienced wage and									İ
salary workers	13.5	16.9	74.1	77.0	6.8	9.4	85.4	82.8	87.4
Agriculture	(ĭ)	12.6	8.	3.2	(1)	5.9	1,2	2.9	1.7
Nonagricultural industries	14.0	17.2	73-3	73.7	7.0	9.6	84.2	79.9	85.7
Mining, forestry, fisheries	(1)	(i)	1.8	13.1	(i)	(i)	1.8	2.6	.8
Construction	11.3	14.0	8.3	7.3	5.1	4.3	8.8	4.4	5.3
Manufacturing	12.5	19.5	18.4	25.6	5.6	10.3	18.1	26.4	27.0
Durable goods	11.1	22.7	7.6	14.5	5.2	9.1	8.2	11.4	15.8
Nondurable goods	14.1	16.3	10.8	11.1	5.6	11.4	9.9	15.0	ii.2
Transportation and public	74.7	10.3	10.0	1	٠,٠٥	1	3.9	1,00	1
urilities	(1)	(1)	2.0	4.0	(1)	(1)	4.7	3.7	6.0
Wholesale and retail trade		14.3	16.4	13.5	6.6	9.7	19.9	17.9	15.7
Finance, insurance, and real	12.7	14.3	10.4	13.7	0.0	3.1	19.9	11.3	+/•1
estate, and service industries	1 <i>a</i> =	17.4	02.7	20.3	8.8	10.1	27.5	23.1	25.3
Public administration	17.5 (1)	(1)	23.7 2.8	20.3	(1)	(i)	3.5	1.8	5.6
Taphe administration	(T)	(1)	2.0	2.1	(1)	(1)	َ رود	1.0	,
elf-employed and unpaid		1	!		ł				ł
family workers	(1)	(1)	3.5	3.0	(1)	(1)	5.8	4.0	12.0
,	(-)	\-'	1 3.	٠.٠	\ <u>`</u>	(-)	, , ,	7.0	
o previous work experience	22.4	21.9	22.4	20.1	3.8	7.4	8.8	13.2	•5
OCCUPATION									
Total	15.1	17.9	100.0	100.0	6.6	9.2	100.0	100.0	100.0
		}		[			1 .		1
White-collar workers	13.4	15.1	22.0	19.9	6.4	8.4	24.1	21.5	45.0
Professional and technical	19.2	8.5	5.0	1.9	11.5	8.5	6.9	3.6	12.8
Managers, officials, and		1	1		1		1		1
proprietors	(1)	(1)	2.8	2.6	(1)	(1)	5.2	4.4	9.7
Clerical workers	12.3	17.9	10.8	11.5	4.6	8.2	9.2	10.2	16.3
Sales workers	9.9	13.5	3.5	3.9	3.5	5.8	2.9	3.3	6.3
lue-collar workers	14.4	18.6	39.3	41.2	7.0	10.3	44.3	44.5	36.3
Craftsmen and foremen	8.8	13.6	5.8	6.2	4.6	5.8	6.9	5.1	12.9
Operatives	15.4	20.6	20.8	24.6	7.8	12.0	24.1	27.7	18.6
Nonfarm laborers	17.3	18.2	12.8	10.3	7.8	10.6	13.2	11.7	4.8
ervice workers	14.1	16.0	14.3	14.3	8.2	9.5	19.0	16.4	13.3
Private household workers	(1)	25.4	3.3	5.5	(1)	17.5	4.0	7.3	3.1
Other service workers	12.9	13.0	11.0	8.8	7.6	6.9	14.9	9.1	10.3
arm workers		19.2	2.3	4.5		9.6	4.6	4.4	4.9
Farmers and farm managers	(1) (1)	(1)	1.8	2.1	(1) (1)	(i)	2.9	2.9	2.6
Farm laborers and foremen		ii.3		2.4	1 (1)	3.5	i.í	1.5	2.2
To previous work experience	(1) 22.4	21.9	22.4	20.1	3.8	7.4	8.8	13.2	•5
r			1		3.0	1	, 0.0		1 "

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

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

	Ur	nemployed 15 v	veeks and ove	r	Un	employed 27 v	veeks and over		Civilian labor force
Characteristics	Percent of u in each		Percent dis	tribution	Percent of u in each		Percent dis	tribution	(percent distribution
Cimileteristics	Nov. 1966	Nov. 1965	Nov. 1966	Nov. 1965	Nov. 1966	Nov. 1965	Nov. 1966	Nov. 1965	Nov. 1966
AGE		,							ľ
Total	15.1	17.9	100.0	100.0	6.6	9.2	100.0	100.0	100.0
ale	15.9	19.8	54.1	56.8	7.3	10.9	57.6 6.4	60.6	62.8
14 to 19 years	15.1	12.9	14.8	10.2	7.3 2.8	6.2	6.4	9.5	5.1
20 to 24 years	10.8	19.7	5.5	8.6	3.9	6.4	4.7	5.5	6.1
25 to 44 years	16.0	19.2	16.0	15.2	8.0	10.2	18.6	15.7	26.9
45 years and over	19.5	26.7	17.8	22.7	13.2	18.1	27.9	30.0	24.7
emale	14.2	16.0	45.9	43.2	5.8	7.5	42.4	39.4	37.2
14 to 19 years	13.3	13.8	12.8	10.3	3.1	1.5	7.0	2.2	4.4
20 to 24 years	8.4	8.7	4.0	4.1	6.8	3.6	7.6	3-3	4.8
25 to 44 years	11.1	16.8	11.0	14.8	3•3	9.6	7.6	16.4	13.9
45 years and over	23.4	23.3	18.0	13.9	11.4	15.1	20.3	17.5	14.1
COLOR									
Total	15.1	17.9	100.0	100.0	6.6	9.2	100.0	100.0	100.0
nite, total	15.6	16.4	80.2	71.9	6.8	8.9	80.5	75.5	88.8
Male	16.8	18.4	45.5	41.8	7.9	10.7	48.9	47.1	56.4
Female	14.2	14.2	34.7	30.1	5.6	6.9	31.6	28.5	32.4
onwhite, total	13.4	23.4	19.8	28.1	5.8	10.5	19.5	24.5	11.2
Male	12.2	24.8	8.8	15.1	5.2	11.8	8.6	13.9	6.4
Female	14.4	21.9	u.i	13.0	6.2	9.2	10.9	10.6	4.8
MARITAL STATUS									
Total	15.1	17.9	100.0	100.0	6.6	9.2	100.0	100.0	100.0
ale	15.9	19.8	54.3	56.8	7.3	10.9	57.6	60.6	62.8
Married, wife present	16.0	20.7	24.4	26.4	7.9	13.3	27.4	32.8	48.8
Single	14.7	18.2	22.6	23.6	5.2	8.8	18.9	21.9	10.8
14 to 19 years	14.7	13.3	14.1	10.4	2.6	6.3	5.7	9.5	4.8
20 years and over	14.6	25.2	8.5	13.2	9.9	12.2	13.1	12.4	6.0
Other marital status	20.6	22.4	7.3	6.8	14.2	9.9	11.4	5.8	3.3
emale	14.2	16.0	45.7	43.2	5.8	7.5	42.4	39.4	37.2
Married, husband present	12.1	13.3	18.3	17.4	4.8	6.8	16.6	17.2	21.1
Single	15.1	13.7	16.3	12.3	5.1	2.5	12.6	4.4	8.7
14 to 19 years	14.5	14.8	10.3	9.1	3.9		6.9	1.1	3.8
20 years and over		11.3		3.2		6.0		3.3	4.9
Other marital status	16.7	26.4	5.0	13.6	8.3	17.9	5.7	17.9	7.4
Quier marital status	17.9	20.4	11.1	T2.0	9•3	1 -1.5	13.1	71.7	1.4

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

Age and sex		ng for full-time ousands of perso			ng for part-time sands of perso		Looking for part-time work as a percent of unemployed in each group				
	Nov.	0ct.	Nov.	Nov.	0e <b>t.</b>	Nov.	Nov.	0ct.	Nov.		
	1966	1966	1965	1966	1966	1965	1966	1966	1965		
Total	1,972	1,886	2,196	669	635	770	25.3	25•2	26.0		
Male	1,083	918	1,172	279	279	356	20.5	23.3	23.3		
	182	156	151	209	202	268	53.5	56.4	64.0		
Going to school	6	13	8	198	195	257	97.1	93.8	97.0		
	176	144	143	12	7	11	6.4	4.6	7.1		
	177	128	197	28	29	36	13.7	18.5	15.5		
	547	486	598	16	20	15	2.8	4.0	2.4		
	177	147	225	28	29	40	13.7	16.5	15.1		
Female	889	968	1,024	390	356	414	30.5	26.9	28.8		
	198	210	207	185	147	192	48.3	41.2	48.1		
Going to school All other. 20 to 24 years 25 to 54 years 55 years and over.	7	5	11	170	121	163	96.0	96.0	93.7		
	192	206	195	15	27	29	7.2	11.6	12.9		
	169	218	193	ম	28	60	11.1	11.4	23.7		
	444	456	531	138	137	125	23.7	23.1	19.1		
	79	84	94	45	43	37	36.3	33.9	28.2		

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

Age and sex	Thous	ands of pe	rsons	Labor force parricipation rate					
	Nov. 1966	Oct. 1966	Nov. 1965	Nov. 1966	0ct. 1966	Nov. 1965			
Total	80,968	80,530	78,598	58.2	57.9	57.4			
(هاe	52,058	52,039	51,200	77.2	77.3	77.1			
14 to 19 years	4,442	4,441	4,187	41.0	41.0	39.9			
14 and 15 years	632	622	645	17.1	16.9	18.0			
16 and 17 years	1,474	1,510		41.7	42.8	40.2			
18 and 19 years	2,335	2,308	2,124	64.8	63.9	62.8			
20 to 24 years	6,170	6,113		86,4	86.2	87.0			
25 to 34 years	10,790	10,819		97.2	97.6	97.2			
35 to 44 years	11,367	11,357	11,463	97.5	97.3	97.4			
45 to 54 years	10,282	10,292	10,176	95.7	95.9	95.7			
55 to 64 years	6,912	6,891	6,732	84.8	84.7	83.8			
55 to 59 years	4,028	4,009	3,926	90.5	90.3	89.7			
60 to 64 years	2,884	2,882	2,806	77.9	78.0	76.7			
65 years and over	2,095	2,127	2,049	27.0	27.5	26.6			
emale	28,910	28,491	27,398	40.2	39.7	38.8			
14 to 19 years	3,403	3,266	3,120	32.2	30.9	30.4			
14 and 15 years	441	420	444	12.3	11.7	12.7			
16 and 17 years	1,062	1,008	991	30.8	29.3	28.8			
18 and 19 years	1,900	1,839	1,686	53.7	51.9	50.7			
20 to 24 years	3,719	3,681	3,491	52.1	51.9	51,1			
25 to 34 years	4,825	4,792	4,515	42.4	42.1	40.1			
35 to 44 years	5,989	5,928	5,774	48.9	48.4	46.7			
45 to 54 years	6,123	6,072	5,863	53.5	53.1	52.0			
55 to 64 years	3,828	3,803	3,653	42.6	42.4	41.5			
55 to 59 years	2,381	2,357	2,241	49.3	48.9	47.4			
60 to 64 years		1,446	1,412	34.9	34.9	34.7			
65 years and over	1,022	948	979	10.1	9.4	9.9			

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

		(In thou	sands)			
Age and sex		Male			Female	
	Nov. 1966	0ct. 1966	Nov. 1965	Nov. 1966	0ct. 1966	Nov. 1965
All industries	47,409	47,597	46,910	27,597	27,133	25,926
14 to 19 years	3,568	3,608	3,412	3,014	2,902	2,717
20 to 24 years	4,560	4,567	4,519	3,517	3,423	3,225
25 to 34 years	9,783	9,824	9,680	4,619	4,569	4,296
35 to 44 years	10,687	10,723	10,886	5,784	5,719	5,512
45 to 54 years	10,011	10,038	9,900	5,936	5,895	5,675
55 to 64 years	6,764	6,769	6,534	3,738	3,702	3,554
65 years and over	2,036	2,058	1,978	989	923	949
Nonagricultural						
industries	44,151	44,170	43,559	26,876	26,260	25 <b>,1</b> 49
14 to 19 years	3,133	3,112		2,953	2,798	2,629
20 to 24 years	4,399	4,382		3,486	3,373	3,187
25 to 34 years	9,382	9,421		4,514	4,430	4,210
35 to 44 years	10,156	10,178	10,284	5,638	5,546	5,339
45 to 54 years	9,306	9,304		5,740	5,676	5,492
55 to 64 years	6,163	6,123	5,939	3,604	3,555	3,396
65 years and over, .	1,622	1,650	1,569	940	881	897
Agriculture	3,248	3,428	3,351	721	873	777
14 to 19 years	435	496		61	103	88
20 to 24 years	161	186		31	50	38
25 to 34 years	401	403		105	138	85
35 to 44 years	531	545		146	172	173
45 to 54 years	706	7 <b>3</b> 5		197	220	184
55 to 64 years	601	647	594	134	147	158
65 years and over	414	417	410	49	42	52
•	{			i i		

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

,	1								
		Total			Male			Female	
Characteristics	Nov. 1966	0ct. 1966	Nov. 1965	Nov. 1966	0ct. 1966	Nov. 1965	Nov. 1966	0ct. 1966	Nov. 1965
CLASS OF WORKER									
otal	75,006	74,730	72,837	47,409	47,597	46,910	27,597	27,133	25,926
Nonagricultural industries	71,036	70,430	68,709	44,161	44,170	43,559	26,876	26,260	25,149
Wage and salary workers	64,468	63,849	62,075	39,602	39,633	38,909	24,865	24,215	23,166
Private household workers	2,502	2,380	2,641	248	227	257	2,254	2,152	2,384
Government workers	11,138	10,788	9,820	6,236	6,228	5,731	4,902	4,560	4,089
Other wage and salary workers	50,828	50,681	.49,614	33,118	33,178	32,921	17,709	17,503	16,693
Self-employed workers	6,003	5,997	6,053	4,512	4,491	4,593	1,491	1,506	1,460
Unpaid family workers		584	581	46	46	57	520	538	524
Agriculture	3,969	4,301	4,128	3,248	3,428	3,351	721	873	777
Wage and salary workers		1,457	1,355	1,041	1,144	1,126	212	313	229
Self-employed workers	2,059	2,176	2,137	1,962	2,027	1,995	97	149	142
Unpaid family workers	658	668	637	246	257	230	412	411	407
OCCUPATION		<u> </u>							
'otal		74,730	72,837	47,409	47,597	46,910	27,597	27,133	25,926
White-collar workers		33,818	32,498	18,503	18,461	17,908	15,797	15,357	14,587
Professional and technical	9,804	9,708	9,151	6,101	6,065	5,711	3,703	3,644	3,439
Managers, officials, and proprietors		7,413	7,026	6,266	6,275	5,977	1,205	1,138	1,048
Clerical workers		11,929	11,463	3,422	3,288	3,274	8,882	8,640	8,189
Sales workers	4,721	4,768	4,858	2,714	2,833	2,946	2,007	1,935	1,911
Blue-collar workers	27,079	27,163	26,915	22,428	22,579	22,626	4,652	4,585	4,290
Craftsmen and foremen		9,813	9,466	9,488	9,508	9,227	265	304	239
Operatives	13,912	13,858	13,773	9,623	9,681	9,830	4,289	4,179	3,944
Nonfarm laborers	3,415	3,492	3,676	3,317	3,390	3,569	98	102	107
Service workers	9,947	9,805	9,603	3,462	3,412	3,268	6,486	6,393	6,336
Private household workers		2,194	2,432	70	54	58	2,254	2,140	2,375
Other service workers		7,611	7,171	3 <b>,3</b> 92	3,358	3,210	4,232	4,253	3,961
Farm workers		3,943	3,819	3,018	3,146	3,106	66 <b>1</b>	797	713
Farmers and farm managers	2,031	2,141	2,095	1,937	1,999	1,961	94	143	134
Farm laborers and foremen	1,648	1,802	1,724	1,081	1,147	1,145	567	654	579

Table A-17: Employed persons, by hours worked

			(m thousan	Ī	··-						
		All industries		Nonag	ricultural indu	stries	Agriculture				
Hours worked	Nov. 1966	0ct. 1966	Nov. 1965	Nov. 1966	0ct. 1966	Nov. 1965	Nov. 1966	0ct. 1966	Nov. 1965		
Total	75,006	73,730	72,837	71,036	70,430	68,709	3,969	4,301	4,128		
With a job but not at work  At work  1-34 hours  1-4 hours  5-14 hours  15-34 hours  35 hours or more  35-40 hours  41 hours and over	4,042 15,879 51,656 29,219	2,616 72,114 14,842 990 3,673 10,179 57,272 32,679 24,593	2,311 70,525 18,406 1,058 3,832 13,516 52,120 28,966 23,154	2,367 68,669 19,688 938 3,720 15,028 48,982 28,592 20,390	2,513 67,917 13,565 928 3,384 9,255 54,349 32,018 22,331	2,167 66,542 17,195 995 3,540 12,657 49,347 28,341 21,006	80 3,889 1,213 42 322 851 2,674 629 2,045	103 4,198 1,276 63 291 923 2,919 661 2,258	145 3,983 1,211 63 291 859 2,773 625 2,148		
Average hours, total at work	39.0	40.4	39.7	38.6	40.1	39.3	45.8	46.0	45.6		

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

(In thousands) All industries Nonagricultural industries Full- or part-time status 1966 1966 1965 1966 1966 1965 75,006 74,730 72,837 71,036 70,430 68,709 2,447 2,616 2.311 2,367 2,513 2,167 With a job but not at work 66,542 56,350 70,525 59,297 67,917 57,442 72,114 60,580 57,272 68,669 57,688 72,558 60,580 51,656 52,120 48,982 54,349 49,347 8,924 528 3,308 7,177 8,706 3,093 7,003 402 259 348 341 234 11 42 42 11 15 Industrial dispute..... 15 290 289 281 286 281 303 873 813 888 846 769 85**7** Illness..... 6,544 1,119 710 4,824 793 6,530 4,814 750 1,119 677 636 670 All other reasons..... 1,634 1,648 1,971 1,434 1,451 1,746 On part time for economic reasons..... 866 938 955 773 811 830 23.3 22.4 24.0 23.3 22.6 24.3 Average hours..... 1,016 916 768 710 661 640 18.0 17.6 17.7 17.9 17.2 Average hours

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

10,343

9,887

9,258

9,548

9,022

8,445

(In thousands) Nonagricultural industries All industries Wage and salary workers Total Reason not working Number Percent paid Nov. Oct. Nov. Oct. Nov. Nov. Oct. Nov. Nov. Oct. Nov. 1966 1966 1965 <u> 1966</u> 1966 1965 1966 1966 1965 1966 1966 1965 2,311 2,367 2,513 2,167 2,014 2,202 1,848 47.3 57.4 44.6 2,447 2,616 19 53 26 (1) (1)Bad weather ...... 63 52 34 68 68 52 85.3 38.9 626 1,041 568 620 1,023 559 998 559 924 870 507 90.0 79.7 908 889 39.7 36.9 1,031 549 995 508 1,045 611 1,006 957 473 437 349 399 27.2 22.1 All other reasons.....

On part time for noneconomic reasons, usually

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

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

November 1966

				(In	housands	)							
<del></del>	Total lab	or force			Civilian l	abor force				Not i	n labor fo	rce	
ſ					Employed	ì	Unem	ployed					
Age, sex, and color	Number	Percent of population	Total	Total	Agri- cul- ture	Nonagri- cultural indus- tries	Number	Percent of labor force	Total	Keeping house	In school	Unable to work	Other
Male	52,058	77.2	48,770	47,409	3,248	44,161	1,362	2.8	15,331	100	7,195	1,209	6,827
14 and 15 years	632 1,474 2,335 6,170 5,558	17.1 41.7 64.8 36.4 96.5	632 1,425 1,902 4,763 5,078	583 1,267 1,719 4,560 4,998	135 193 107 161 177	448 1,074 1,612 4,399 4,821	50 158 184 204 79	7.9 11.1 9.6 4.3 1.6	3,064 2,058 1,271 970 202	3 2 3 6	3,009 1,978 1,190 847 124	10 7 6 32 24	42 71 72 85 54
30 to 34 years	5,232 5,568	97.9 97.9	4,865 5,278	4,785	224 248	4,561 4,931	80 99	1.6 1.9	115 122	:	31	25 47	58 72
40 to 44 years 45 to 49 years 50 to 54 years 55 to 59 years 60 to 64 years 55 to 69 years 70 years and over	5,799 5,422 4,860 4,028 2,884 1,183	97.1 96.6 94.7 90.5 77.9 41.4 18.6	5,651 5,337 4,835 4,024 2,883 1,183 912	5,508 5,260 4,751 3,937 2,827 1,139 897	283 314 392 322 279 210 204	5,225 4,947 4,359 3,615 2,548 929 693	143 77 84 87 57 45 16	2.5 1.4 1.7 2.2 2.0 3.8 1.7	174 188 273 421 815 1,676 3,982	2 3 3 9 7 17 46	1 2 4 2 - - 2	80 80 98 158 181 110 350	91 102 167 252 628 1,549 3,583
White	46,822 5,237	77.5 74.8	43,814 4,957	42,739 4,670	2,847 401	39,892 4,269	1,075 287	2.5 5.8	13,563 1,768	80 21	6,276 919	992 218	6,216 611
Female	28,910	40.2	28,376	27,597	721	26,876	1,279	4.4	42,938	34,425	6,855	705	953
14 and 15 years. 16 and 17 years	441 1,062 1,900 3,719 2,546 2,279 2,767	12.3 30.8 53.7 52.1 43.2 41.4 46.7	441 1,062 1,893 3,707 2,541 2,276 2,764	428 907 1,679 3,517 2,434 2,185 2,654	20 28 13 31 46 59 68	408 879 1,666 3,486 2,388 2,126 2,586	13 155 214 190 107 92 110	2.9 14.6 11.3 5.1 4.2 4.0 4.0	3,151 2,382 1,635 3,423 3,348 3,220 3,154	35 207 580 2,780 3,261 3,163 3,096	3,088 2,112 1,005 542 35 25 17	2 6 4 30 11 11 15	27 58 46 70 42 21 26
40 to 44 years 45 to 49 years 50 to 54 years 55 to 59 years 60 to 64 years 65 to 69 years 70 years and over	3,222 3,173 2,950 2,381 1,447 646 376	51.0 53.1 53.9 49.3 34.9 18.8 5.7	3,220 3,172 2,949 2,381 1,447 646 376	3,130 3,076 2,860 2.318 1,420 622 367	78 114 83 82 52 20 29	3,052 2,963 2,777 2,236 1,368 601 339	89 96 89 63 27 24	2.8 3.0 3.0 2.6 1.9 3.7 2.4	3,097 2,800 2,522 2,448 2,701 2,797 6,260	3,018 2,732 2,457 2,350 2,588 2,640 5,517	16 14 2 - 3 -	16 22 32 44 36 60 416	47 32 32 56 73 97 328
White	25,190 3,721	39.4 47.3	25,158 3,718	24,184 3,413	611 110	23,573 3,303	974 305	3.9 8.2	38,799 4,139	31,485 2,941	5,889 966	588 117	838 115

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

November 1966

(Percent distribution)

	(1 010000	distributi	,							
		F	ull- or part-ti	me status			Ho	urs of w	ork	
		On		On part time			1	Π	T T	10
Industry	Total	full- time	Economic reasons		Other reasons	Total at	1 to 34	35 to 40	41 to 48	49 hours
	work	sche- dules	Usually work full time	Usually work part time	Usually work part time	work	hours	hours	hours	over
Total I	100.0	84.2	1.1	1.0	13.7	100.0	29.2	43.5	13.5	13.8
Construction  Manufacturing,  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade.	. 100.0 . 100.0 . 100.0 . 100.0	90.9 95.0 97.0 91.9 93.6 74.5	3.8 1.4 .8 2.3 1.0	1.2 .2 .1 .3 .6	4.1 3.4 2.0 5.4 4.9 23.1	100.0 100.0 100.0 100.0 100.0	16.0 13.3 19.9 21.5	52.8 53.2 52.0 52.0	11.2 17.4 18.4 16.0 12.2	10.6 13.8 15.0 12.0 14.4 17.5

<sup>&</sup>lt;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

November 1966

(Percent distribution)

			Full or p	art-time statu	s				Hour	s of work		
	Tota	1	On		On part time							
Occupation	at work		full- time	Economic reasons		Other reasons	Total at	1 to	35 to 40	41 to 48	49 hours	Average hours, total
	Thousands	Percent	sched- ules	Usually work full time	Usually work part time	Usually work part time	work	hours	hours	hours	over	at work
White-collar workers	33,261	100.0	84.6	.5	.4	14.5	100.0	29.6	40.0	11.3	19.1	39.2
Professional and technical	9,552	100.0	87.5	.3	.3	11.9	100.0	29.1	38.8	11.8	20.3	39.5
Managers, officials, and proprietors	7,185	100.0	95.0	.5	.1	4.3	100.0	14.1	30.3	15.6	39.9	47.4
Clerical workers	11,978	100.0	81.6	.6	.5	17.3	100.0	36.9	50.0	8.2	4.9	35.0
Sales workers	4,546	100.0	69.4	.7	1.1	28.8	100.0	36.2	31.5	11.6	20.7	36.4
Blue-collar workers	26,068	100.0	91.0	2.0	.9	6.0	100.0	22.0	46.1	17.1	14.7	40.1
Craftsmen and foremen	9,408	100.0	95.9	1.5	۰,5	2.0	100.0	19.0	45.2	18.5	17.2	41.5
Operatives	13,415	100.0	91.1	2.2	.7	6.1	100.0	20.6	47.8	17.2	14.5	40.4
Nonfarm laborers	3,245	100.0	76.4	3.1	2.8	17.6	100.0	37.5	41.9	12.5	8.0	34.6
Service workers	9,624	100.0	62.9	9	3.0	33.2	100.0	43.1	34.7	11.6	10.6	32.9
Private household workers	2,253	100.0	33.7	.5	7.0	58.7	100.0	68.9	17.9	7.0	6.1	22.6
Other service workers	7,371	100.0	71.8	1.0	1.8	25.4	100.0	35.2	39.8	13.0	12.0	36.1

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

November 1966

•		Thousands	3				Perc	ent distrib	ution			
Occupation	T . 1		[ ·					White		1	lonwhite	
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	75,006	47,409	27,597	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
			}									
White-collar workers	34,301		15,797	45.7	39.0	57.2	48.6	41.2	61.6	21.8	18.6	26.0
Professional and technical	9,804	6,101	3,703	13.1	12.9	13.4	13.7	13.6	14.0	7.6	6.5	9.1
Medical and other health	1,569	613	956	2.1	1.3	3.5	2.1	1.3	3.6	1.6	1,2	2.2
Teachers, except college	2,286	701	1,585	3.0	1.5	5.7	3.1	1.5	5.9	2.6	1.1	4.5
Other professional and rechnical	5,949	4,787	1,162	7.9	10.1	4.2	8.5	10.7	4.5	3.4	4.2	2.3
Managers, officials, and proprietors	7,472	6,266	1,205	10.0	13.2	4.4	10.8	14.3	4.7	2.8	3.4	2.1
Salaried workers	4,817	4,065	751	6.4	8.6	2.7	7.0	9.3	2.9	1.5	1.7	1.2
Self-employed workers in retail trade	1,231	952	279	1.6	2.0	1.0	1.8	2.1	1.1	.7	.8	.6
Self-employed workers, except retail trade	1,424	1,249	175	1.9	2.6	.6	2.1	2.8	.7	.6	.9	.2
Clerical workers	12,304	3,422	8,882	16.4	7.2	32.2	17.2	7.2	34.8	9.8	7.2	13.4
Stenographers, typists, and secretaries	3,086	48	3.038	4.1	.1	11.0	4.4	,1	11.9	1.9	.1	4.3
Other clerical workers	9,218	3,374	5,844	12.3	7.1	21.2	12.8	7.1	22.9	7.9	7.1	9.1
Sales workers	4,721	2.714	2,007	6.3	5.7	7.3	6.9	6.2	8.1	1.5	1.6	1.5
Retail trade	2,905	1,102	1,803	3.9	2.3	6.5	4.2	2.5	7.3	1.1	1.0	1.2
Other sales workers	1,816	1,612	204	2.4	3.4	.7	2.7	3.7	.8	.5	.6	,3
Blue-collar workers	27,079	22,428	4,652	36.1	47.3	16.9	35.5	46.1	16.7	41.3	58.2	18.1
Craftsmen, foremen	9,752	9,488	265	13.0	20.0	1.0	13.6	20.7	1.0	8.0	13.3	.7
Carpenters	855	855	-	1.1	1.8	-	1.2	1.9	<b> </b> -	.8	1.3	-
Construction craftsmen, except carpenters	1,968	1,960	8	2.6	4.1	(1)	2.7	4.2	(1)	2,3	4.0	-
Mechanics and repairmen	2,481	2,469	12	3.3	5.2	(1)	3.5	5.4	(1)	2.1	3.6	.1
Metal craftsmen, except mechanics	1,197	1,182	15	1.6	2.5	.1	1.7	2.6	(1)	.9	1.5	(1)
Other craftsmen and kindred workers	1,885	1,744	141	2.5	3.7	.5	2.7	3.9	.5	1.2	1.8	.4
Foremen, not elsewhere classified	1,366	1,278	89	1.8	2.7	.3	2.0	2.9	.3	.7	1.1	.2
	13,912	9,623	4,289	18.5	20.3	15.5	18.1	19.6	15.4	22.5	26.7	16.8
Drivers and deliverymen	2,500	2,424	76	3.3	5.1	.3	3.2	4.8	.3	4.8	8.1	.2
	11,412	7,199	4,213	15.2	15.2	15.3	14.9	14.8	15.1	17.7	18.5	16.5
Durable goods manufacturing	4,746	3,474	1,272	6.3	7.3	4.6	6.3	7.2	4.8	6.6	8.8	3.4
Nondurable goods manufacturing	3,834	1,717	2,117	5.1	3.6	7.7	5.1	3.5	7.8	5.6	4.5	7.1
Other industries	2,832	2,008	824	3.8	4.2	3.0	3.6	4.1	2.6	5.5	5.2	6.0
Nonfarm laborers	3,415	3,317	98	4.6	7.0	.4	3.8	5.8	.3	10.8	18.3	.6
Construction	667	666	1	.9	1.4	(1)	.7	1.1	(1)	2.5	4.3	-
Manufacturing	1,074	1,007	67	1.4	2.1	, 2	1.3	1.8	.2	2.9	4.8	.3
Other industries	1,674	1,644	30	2.2	3.5	.1	1.9	2.9	.1	5.4	9.1	.3
Service workers	9,947	3,462	6,486	13.3	7.3	23.5	11.1	6.4	19.4	31.2	15.5	52.8
Private household workers	2,324	70	2,254	3.1	1	8.2	2.1	.1	5.5	11.7	.3	27.3
Service workers, except private household	7,623	3,392	4,232	10.2	7.2	15.3	9.0	6.3	13.9	19.5	15.2	25,5
Protective service workers	873	835	39	1.2	1.8	.1	1.2	1.3	.2	.6	1.0	(1)
Waiters, cooks, and bartenders	2,028	559	1,469	2.7	1.2	5.3	2.6	1.1	5.2	4.0	2.2	6.5
Other service workers	4,722	1,998	2,724	6.3	4.2	9.9	5.2	3.4	8.6	15.0	12.1	19.0
Farm workers	3,679	3,018	661	4.9	6.4	2.4	4.8	6.2	2.3	5.7	7.6	3.2
Farmers and farm managers	2,031	1,937	94	2.7	4.1	.3	2.8	4.3	.4	1.6	2.6	.2
Farm laborers and foremen	1,648	1,081	567	2.2	2.3	2.1	2.0	2.0	1.9	4.1	5.1	2.9
Paid workers	1,003	836	167	1.3	1.8	.6	1.1	1.4	.4	3.6	4.7	2.2
Unpaid family workers	645	245	400	.9	.5	1.4	.9	.5	1.6	.5	.3	.7

less than 0.05 percent.

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

November 1966

			(Per	cent distribu	ion)						
			Full or pa	ert-time statu	s		l	ŀ	lours of wo	rk	
	Tota	ıl	On		On part time		}				
Characteristics	at Worl		full- time	Economic	reasons	Other reasons	Total at	1 to 34	35 დ 40	41 hours and	Average hours, total
	Thousands	Percent	sched- ules	Usually work full time	Usually work part time	Usually work part time	work	hours	hours	over	at work
AGE AND SEX							•				
Total	68,669	100.0	84.0	1.1	0.9	13.9	100.0	28.7	41.6	29.9	38.6
Male	42,705	100.0	91.1	1.1	.6	7-3	100.0	21.8	40.1	38.2	41.6
14 to 17 years	1,496	100.0	10.8	.6	1.0	87.7	100.0	90.6	5.5	4.0	15.9
18 and 19 years	1,550	100.0	66.0	2.7	1.5	29.8	100.0	44.2	34.4	21.4	33.4
20 to 24 years	4,292	100.0	88.0	1.4	•7	10.0	100,0	21.6	42.7	35.8	40.4
25 to 34 years	9,167	100.0	97.5	1.0	.ż	1.3	100.0	14.5	42.8	42.7	44.0
35 to 44 years	9,885	100.0	97.8	•9	-3	و. ا	100.0	15.8	40.1	44.0	44.1
45 to 64 years	14,810	100.0	96.5	1.1	.6	1.8	100.0	18.7	42.5	38.8	42.9
65 years and over	1,505	100.0	67.4	1.0	1.9	29.8	100.0	42.5	32.6	25.0	34.7
Female	25,964	100.0	72.4	1.2	1.6	24.7	100.0	40.0	44.2	15.7	33.8
14 to 17 years	1,267	100.0	10.7	-4	.8	88.1	100.0	92.1	6.3	1.6	12.6
18 and 19 years	1,625	100.0	69.6	.8	2.3	27.3	100.0	43.1	46.3	10.6	32.0
20 to 24 years	3,391	100.0	84.1	1.2	.9	13.8	100.0	30.8	54.7	14.5	35.8
25 to 34 years	4,372	100.0	76.0	1.6	1.2	21.2	100.0	38.1	47.8	14.1	34.2
35 to 44 years	5,427	100.0	73.8	1.3	1.5	23.3	100.0	38.9	46.1	14.9	34.5
45 to 64 years	8,983	100.0	77.0	1.1	2.0	19.9	100.0	35.8	43.8	20.4	36.1
65 years and over	900	100.0	51.3	•7	3.1	45.0	100.0	54.9	29.2	16.0	29.4
MARITAL STATUS AND SEX						1	ļ				
Male: Single	6,783	100.0	65.8	1.5	1.2	31.5	100.0	44.1	35.6	20.3	32.5
Married, wife present	33,799	100.0	96.0	1.0	.4	2.6	100.0	17.3	40.8	41.9	43.4
Other	2,123	100.0	91.6	1.6	1.1	5.7	100.0	21.5	42.2	36.3	41.3
Female: Single	6,087	100.0	67.8	.6	1.1	30.6	100.0	45.9	41.4	12.8	30.6
Married, husband present	14,679	100.0	71.9	1.3	1.2	25.5	100.0	40.0	45.0	14.9	34.1
Other	5,198	100.0	79.6	1.3	3.5	15.5	100.0	33.1	45.3	21.5	36.5
COLOR AND SEX							1				
White	61,362	100.0	84.2	1.0	.7	14.0	100.0	28.6	40.8	30.5	38.8
Male	38,582	100.0	91.1	1.0	-5	7.4	100.0	21.8	39.1	39.1	41.8
Female	22,779	100.0	72.6	1.0	1.2	25.2	100.0	40.2	43.8	16.0	33.7
Nonwhite	7,307	100.0	81.9	2.3	2.8	12.9	100.0	29.0	48.3	22.6	37.0
Male	4,123	100.0	89.3	2.5	1.4	6.8	100.0	21.9	48.9	29.2	39.3
Female	3,184	100.0	72.4	2.0	4.7	20.8	100.0	38.3	47.5	14.1	34.0

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

November 1966
(Percent distribution)

			Agric	TIDUCTON)			Mana	ricultural i	- <del> </del>			
			Agric	uture		<b></b>					<del>,</del>	<del></del>
	l		Wage and	Self-	Unpaid	1	W		lary worke	its	Self-	Unpaid
Hours of work	Total	Total	salary workers	employed workers	family workers	Total	Total	Private house- holds	Govern- ment	Other	employed workers	family workers
Total at workthousands  Percent	72,558 100.0	3,889 100.0	1,246	1,986	658 100.0	68,669 100.0	62,456 100.0	2,424	10,753 100.0	49,279 100.0	5,649 100.0	564 100.0
1 to 34 hours  1 to 14 hours  15 to 21 hours  22 to 29 bours  30 to 34 hours  35 to 40 hours  40 hours  40 hours  41 hours and over  41 to 47 hours  48 hours	28.7 6.9 5.7 5.9 10.2 40.3 5.7 34.6 30.9 5.8	31.2 9.3 10.3 6.9 4.7 16.1 9.9 52.6 4.0	38.1 16.7 9.5 6.9 5.0 19.0 5.7 13.3 42.9 6.8	20.7 7.7 5.4 3.9 3.7 13.0 4.6 8.4 66.3 3.7	49.5 26.6 15.7 7.2 20.6 12.3 8.3 29.9 7.7	28.7 6.8 5.5 5.8 10.6 41.6 36.0 29.9 7.7	29.2 6.7 5.4 6.0 11.1 43.5 5.7 37.8 27.3 7.6	13.1	4.1 6.6 9.2 21.4 36.1 4.8 30.5 5.9	23.9 4.8 5.1 9.1 46.3 50.5 29.7 6.7	22.6 9.0 4.7 3.6 5.3 22.9 4.9 18.0 54.6 7.5	38.7 -18.8 11.9 8.0 22.4 8.0 14.4 39.0 9.8
49 bours and over. 49 to 54 bours. 55 to 59 hours. 60 to 69 hours. 70 hours and over.	17.6 6.3 2.6 4.9 3.8	43.2 7.9 3.1 13.1 19.1	31.7 7.4 4.2 11.0 9.1	57.9 8.7 3.0 16.7 29.5	20.7 6.2 1.2 6.6 6.7	16.3 6.2 2.6 4.5 3.0	13.8 5.9 2.4 3.6 1.9	6.0 1.7 .8 1.4 2.1	11.6 4.9 1.9 2.8 2.0	14.7 6.3 2.6 3.9 1.9	41.5 10.0 4.5 13.4	23.1 5.8 1.4 5.2 10.7
Average hours, total at work	39.0	45.8	39.0	53.2	36.4	38.6	38.0	22.8	35.8	39.2	45.7	40.1

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

Employment status	Nov. 1966	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965
TOTAL						į							
Total labor force	81,249	80,414	80,342	80,549	80,233	80,185	79,313	79,674	79,315	79,279	79,644	79,408	78,906
Civilian labor force	77,927	77,135	77,113	77,371	77,098	77,086	76,268	76,666		76,355		76,567	
	75,076	74,163		74,338		73,997		73,799		73,521		73,441	
Agriculture	4,108	3,971			4,144		4,076		4,363	4,442			4,273
	70,968	70,192		70,180		69,759		69,317		69,079		68,955	
On full-time schedules 1	56,612	56,316		57,394		56,717		55,421			55,854	55,884	
On part-time for economic reasons 1	1,484	1,559			1,977	2,004		1,571		1,681			1,819
Usually work full time	761	829	832	856	975	1,040	839	776	820	899	902	766	
Usually work part time	723	730	804	860	1,002	964	768	795	802	782		979	
On voluntary part-time schedules <sup>1</sup>	8,948	8,576	8,324	8,412	8,011	7,790	7,985	8,167	8,016	7,948		8,030	
Unemployed	2,851	2,972	2,948	3,033	3,026	3,089	3,037	2,867	2,906	2,834	3,039	3,126	3,197
MEN, 20 YEARS AND OVER	}												
Civilian labor force	44,753	44,610	44,666	44,833	44,744	44,780	44,661	44,836	44,822	44,823	44,788	44,751	44,565
Employed	43,671	43,540	43,583	43,691	43,585	43,621	43,597	43,772	43,664	43,680	43,604		
Agriculture	2,807	2,808	2,884	2,855	2,854	2,860			2,980		2,936		2,933
Nonagricultural industries	40,864	40,732	40,699	40,836	40,731		40,736		40,684		40,668		
Unemployed	1,082	1,070	1,083	1,142	1,159	1,159	1,064	1,064	1,158	1,143	1,184	1,172	1,235
WOMEN, 20 YEARS AND OVER										<b>{</b>			
Civilian labor force	25,181	24,860	24,930	24,481	24,313	24,226	24,082	24,000	23,899		24,145		
Employed	24,294	23,868	23,982	23,527	23,425	23,286		23,133			23,228	23,157	
Agriculture	656	593	633	647	687	682		728	732	754		769	
Nonagricultural industries		23,275		22,880			22,489	22,405			22,463		
Unemployed	887	992	948	954	888	940	961	867	854	871	917	964	1,030
BOTH SEXES, 14-19 YEARS							}			ļ.			1
Civilian labor force	7,993	7,665	7,517	8,057	8,041	8,080	7,525	7,830	7,620	7,516		7,695	
Employed	7,111	6,755	6,600	7,120	7,062	7,090	6,513	6,894	6,726	6,696		6,705	
Agriculture	645	570	532	656	603	696	583	719	651	698		682	
Nonagricultural industries	6,466	6,185		6,464	6,459	6,394	5,930	6,175	6,075	5,998		6,023	
Unemployed	882	910	917	937	979	990	1,012	936	894	820	938	990	932

<sup>&</sup>lt;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	Nov. 1966	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965
Total (all civilian workers)	3.7	3.9	3.8	3.9	3.9	4.0	4.0	3.7	3.8	3.7	4.0	4.1	4.2
Men, 20 years and over	2.4	2.4	2.4	2.5	2.6	2.6	2.4	2.4	2.6	2.6	2.6	2.6	2.8
20-24 years	5.0	4.2	4.3	4.8	3.6	5.0	4.9	4.3	5.0	4.4	4.2	5.1	5.7
25 years and over	2.2	2.1	2.2	2.3	2.5	2.3	2.1	2.1	2.3	2.3	2.5	2.3	2.5
Women, 20 years and over	3.5	4.0	3.8	3.9	3.7	3.9	4.0	3.6	3.6	3.6	3.8	4.0	4.3
Both sexes, 14-19 years	11.0	11.9	12.2	11.6	12.2	12.3	13.4	12.0	11.7	10.9	12.0	12.9	12.3
White workers	3.2	3.4	3.3	3.4	3.4	3.5	3.5	3.4	3.4	3.3	3.5	3,7	3.7
Nonwhite workers	7.4	7.6	7.8	8.2	7.9	7.9	7.6	7.0	7.2	7.0	7.0	7.5	8.1
Married men	1.7	1.9	1.9	2.0	2.0	1.9	1.8	1.8	1.9	1.9	1.9	1.8	2.0
Full-time workers 1	3.4	3.4	3.4	3.5	3.7	3.8	3.7	3.4	3.4	3.3	3.5	3.7	3.8
Blue-collar workers	4.3	4.1	4.1	4.5	4.6	4.4	4.2	4.0	4.2	4.0	4.2	4.4	4.6
Experienced wage and salary workers	3.4	3.6	3.6	3.7	3.5	3.7	3.7	3.4	3.5	3.3	3.5	3.7	3.8
Labor force time lost	3.9	4.1	4.2	4.3	4.6	4.8	4.4	4.1	4.1	4.0	4.3	4.4	4.5

<sup>&</sup>lt;sup>1</sup>Adjusted by provisional seasonal factors.

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

(In thousands)

(ш ничализ)														
Duration of unemployment	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Дес.	Nov.	
	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1965	1965	
Less than 5 weeks 5 to 14 weeks 15 weeks and over 15-26 weeks 27 weeks and over 15 weeks and over 15 weeks and over as a percent of civilian labor force	1,515	1,544	1,626	1,666	1,710	1,816	1,789	1,625	1,543	1,514	1,548	1,532	1,618	
	803	898	807	927	912	815	856	670	787	721	738	869	903	
	483	520	499	451	435	476	536	603	588	579	661	660	644	
	286	292	298	249	220	251	261	343	319	315	354	355	334	
	197	228	201	202	215	225	275	260	269	264	307	305	310	

### HOUSEHOLD DATA SEASONALLY ADJUSTED

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

Age and sex	Nov. 1966	Oct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965
Total, 14 years and over	3.7	3.9	3.8	3.9	3.9	4.0	4.0	3.7	3.8	3.7	4.0	4.1	4.2
14 to 17 years	11.1	12.7	13.3	11.9	12.6	12.6	14.7	12.5	13.1	11.7	12.7	14.7	13.2
14 and 15 years	7.6	8.0	9.4	7.3	7.8	7.8	9.5	6.4	6.7	7.8	8.7	12.4	9.0
16 and 17 years	12.8	14.7	15.2	14.1	14.9	15.0	17.2	15.6	16.3	13.5	14.7	15.8	15.4
18 years and over	3.3	3.4	3.3	3.5	3.5	3.5	3.4	3.3	3.3	3.3	3.5	3.5	3.7
18 and 19 years	10.8	11.4	10.9	11.1	12.1	12.3	11.9	11.8	10.4	10.3	11.2	11.6	11.3
20 to 24 years	5.2	5.3	5.2	5.5	4.6	5.8	5.5	5.2	5.2	5.0	5.4	5.6	6.6
25 years and over	2.5	2.6	2.6	2.7	2.8	2.6	2.6	2.5	2.6	2.6	2.7	2.7	2.9
25 to 54 years	2.6	2.7	2.6	2,8	2.7	2.7	2.6	2.5	2.6	2.6	2.7	2.8	2.9
55 years and over	2.4	2,5	2.5	2.6	2.8	2.4	2.8	2.5	2.7	2.8	2.8	2.8	3.0
Males, 18 years and over	2.8	2.7	2.7	2.9	3.0	3.0	2.8	2.7	2.9	2.9	2.9	3.0	3.0
18 and 19 years	9.9	9.7	10.0	9.5	10.9	11.5	10.8	10.3	9.9	9.3	9.7	9.9	8.7
20 to 24 years	5.0	4,2	4.3	4.8	3.6	5.0	4.9	4.3	5.0	4.4	4.2	5.1	5.7
25 years and over	2.2	2.1	2.2	2.3	2.5	2.3	2.1	2.1	2.3	2.3	2.5	2.3	2.5
25 to 54 years	2.1	2.1	2.1	2.2	2.3	2.2	1.9	2.0	2.1	2.2	2.3	2.2	2.3
55 years and over	2.4	2.4	2.7	2.8	3.1	2.6	3.0	2.7	2.9	3.0	3.0	2.7	3.1
Females, 18 years and over	4.1	4.6	4.3	4.6	4.4	4.5	4.6	4.3	4.1	4.1	4.4	4.7	5.0
18 and 19 years	11.8	13.2	12.1	12.8	13.5	13.1	13.3	13.5	11.1	11.5	13.1	13.6	14.3
20 to 24 years	5.4	6.7	6.5	6.5	5.9	6.8	6.4	6.4	5.5	5.9	7.1	6.3	7.7
25 years and over	3.2	3.5	3.3	3.5	3.3	3.3	3.5	3.2	3.3	3.2	3.3	3.6	3.7
25 to 54 years	3.4	3.8	3.7	3.9	3.5	3.6	3.9	3.4	3.5	3.4	3.5	3.9	4.1
55 years and over	2.4	2.8	2.3	2.3	2.3	2.1	2.6	2.0	2.5	2.4	2.4	2.9	2.9

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

(In thousands) Oct. July Nov. Nov. Sent. Aug. June May Mar. Peb. Jan. Dec. Age and sex 1966 1966 1965 1966 1966 1966 1966 1966 1966 1966 1965 1966 Total, 14 years and over ...... 75,076 74,163 74,165 74.338 74,072 73,997 73.231 73.799 73.435 73,521 73,715 73,441 72.914 14 to 17 years............ 3,489 3,577 3,324 3,257 3,539 3,412 3,231 3,406 3,546 3,401 1.059 1,196 1.079 1,198 2,240 1,214 1,139 1,107 1,258 1,223 1,221 1,155 2,178 2,325 2,273 2,265 2,124 2,231 2,159 2,255 2,325 2,251 2,203 70,798 70,837 3,294 70,616 70,440 3,586 3,542 7,989 8,010 70,805 70,057 70,304 70,017 70,100 70,212 70,069 3,376 3,522 3,595 7,948 3,418 7,979 3,294 7,997 3,392 7,850 3,347 7,792 3,424 7,759 3,370 7,739 3,226 8,032 7,912 7,856 7,738 58,557 59,926 59,510 59,687 59,262 59,041 58,888 58,766 58,907 58,775 58,961 59,029 58,960 30,608 30,347 30,372 30,139 29,162 29,059 30,028 30,086 30,175 30,211 30,244 30,392 30,397 30,410 30,118 28,904 28,798 28,715 29,021 28.588 28,615 28,641 28,676 28,587 28,411 45,634 45,335 45,326 45,614 45,572 45,548 45,397 45,467 45,487 45,474 45,420 45,137 1,848 1,776 1,946 1,942 1,874 1,895 1.783 1,874 4,595 1,850 1,897 1,839 1,780 4,534 4,524 4,615 4,624 4,605 4,594 4,623 4,549 39,088 4,569 38,788 20,445 4,553 39,024 4,543 39,023 39,026 39,057 39,002 39,046 39,020 39,137 38,998 25 to 44 years ..... 20,633 18,498 20,315 20,382 18,647 20,363 18,576 20,444 18,583 20,578 18,571 20,353 20.565 20,576 20,546 18,667 18,659 18,439 18,521 18,316 18,493 18,490 Females, 18 years and over .......... 25,970 25,463 25,511 25,191 25,044 24,892 24,660 24,670 24,550 24,613 24,738 24,649 24,384 1,674 1,518 1,645 1,511 1,518 1,497 1.527 1,446 3,378 20,487 10,032 3,332 3,333 20,661 20,205 10,019 9,757 3,457 3,365 3,405 3,403 3,356 3,255 3,243 3,206 3.196 3,169 25 years and over ..... 20,039 19,842 9,665 9,642 19,769 19,770 9,633 19,746 19,777 19,873 20,005 19,922 9.610 9,668 9,759 9,867 9,864 10,328 10,215 10,149 10,143 10,144 10,122 10,155 10,097 10,095

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)

<del></del>				<u> </u>	Transpor	(In thousand	sale and reta	il trade	Finance,			Government	
Year and month	TOTAL	Mining	Contract construc- tion	Manufac- turing	tation and public utilities	Total	Wholesale trade	Rotail trade	insumoce, and real estate	Service and miscel- laneous	Total	Federal	State and local
1919	27,350 24,362	1,133 1,239 962 929 1,212	1,021 848 1,012 1,185 1,229	10,659 10,658 8,257 9,120 10,300	3,711 3,998 3,459 3,505 3,882	4,514 4,467 4,589 4,903 5,290		-	1,111 1,175 1,163 1,144 1,190	2,263 2,362 2,412 2,503 2,684	2,676 2,603 2,528 2,538 2,607		- - -
1924	28,778	1,101 1,089 1,185 1,114 1,050	1,321 1,446 1,555 1,608 1,606	9,671 9,939 10,156 10,001 9,947	3,807 3,826 3,942 3,895 3,828	5,407 5,576 5,784 5,908 5,874		-	1,231 1,233 1,305 1,367 1,435	2,782 2,869 3,046 3,168 3,265	2,720 2,800 2,846 2,915 2,995	-	-
1929 1930 1931 1932	31,339 29,424 26,649 23,628 23,711	1,087 1,009 873 731 744	1,497 1,372 1,214 970 809	10,702 9,562 8,170 6,931 7,397	3,916 3,685 3,254 2,816 2,672	6,123 5,797 5,284 4,683 4,755			1,509 1,475 1,407 1,341 1,295	3,440 3,376 3,183 2,931 2,873	3,065 3,148 3,264 3,225 3,166	533 526 560 559 565	2,532 2,622 2,704 2,666 2,601
1934	27,053	883 897 946 1,015 891	862 912 1,145 1,112 1,055	8,501 9,069 9,827 10,794 9,440	2,750 2,786 2,973 3,134 2,863	5,281 5,431 5,809 6,265 6,179		-	1,319 1,335 1,388 1,432 1,432	3,058 3,142 3,326 3,518 3,473	3,299 3,481 3,668 3,756 3,883	652 753 826 833 829	2,647 2,728 2,842 2,923 3,054
1939 1940 1941 1942	30,618 32,376 36,554 40,125 42,452	854 925 957 992 925	1,150 1,294 1,790 2,170 1,567	10,278 10,985 13,192 15,280 17,602	2,936 3,038 3,274 3,460 3, <i>6</i> 47	6,426 6,750 7,210 7,118 6,982	1,684 1,754 1,873 1,821 1,741	4,742 4,996 5,338 5,297 5,241	1,462 1,502 1,549 1,538 1,502	3,517 3,681 3,921 4,084 4,148	3,995 4,202 4,660 5,483 6,080	905 996 1,340 2,213 2,905	3,090 3,206 3,320 3,270 3,174
1944	41.674	892 836 862 955 994	1,094 1,132 1,661 1,982 2,169	17,328 15,524 14,703 15,545 15,582	3,829 3,906 4,061 4,166 4,189	7,058 7,314 8,376 8,955 9,272	1,762 1,862 2,190 2,361 2,489	5,296 5,452 6,186 6,595 6,783	1,476 1,497 1,697 1,754 1,829	4,163 4,241 4,719 5,050 5,206	6,043 5,944 5,595 5,474 5,650	2,928 2,808 2,254 1,892 1,863	3,116 3,137 3,341 3,582 3,787
1949 1950 1951 1952 1953	45,222 47,849 48,825	930 901 929 898 866	2,165 2,333 2,603 2,634 2,623	14,441 15,241 16,393 16,632 17,549	4,001 4,034 4,226 4,248 4,290	9,264 9,386 9,742 10,004 10,247	2,487 2,518 2,606 2,687 2,727	6,778 6,868 7,136 7,317 7,520	1,857 1,919 1,991 2,069 2,146	5,264 5,382 5,576 5,730 5,867	5,856 6,026 6,389 6,609 6,645	1,908 1,928 2,302 2,420 2,305	3,948 4,098 4,087 4,188 4,340
1954 1955 1956 1957	50,675 52,408	791 792 822 828 751	2,612 2,802 2,999 2,923 2,778	16,314 16,882 17,243 17,174 15,945	4,084 4,141 4,244 4,241 3,976	10,235 10,535 10,858 10,886 10,750	2,739 2,796 2,884 2,893 2,848	7,496 7,740 7,974 7,992 7,992	2,234 2,335 2,429 2,477 2,519	6,002 6,274 6,536 6,749 6,806	6,751 6,914 7,277 7,616 7,839	2,188 2,187 2,209 2,217 2,191	4,563 4,727 5,069 5,399 5,648
1959	55,596 56,702 58,332	732 712 672 650 635 634 632	2,960 2,885 2,816 2,902 2,963 3,050 3,181	16,675 16,796 16,326 16,853 16,995 17,274 18,032	4,011 4,004 3,903 3,906 3,903 3,951 4,033	11,127 11,391 11,337 11,566 11,778 12,160 12,683	2,946 3,004 2,993 3,056 3,104 3,189 3,317	8,182 8,388 8,314 8,511 8,675 8,971 9,366	2,594 2,669 2,731 2,800 2,877 2,957 3,019	7,130 7,423 7,664 8,028 8,325 8,709 9,098	8,083 8,353 8,594 8,890 9,225 9,596 10,091	2,233 2,270 2,279 2,340 2,358 2,348 2,378	5,850 6,083 6,315 6,550 6,868 7,249 7,713
1965: November. December.		635 632	3,341 3,167	18,496 18,473	4,092 4,087	13,078 13,762	3,394 3,415	9,684 10,34 <b>7</b>	3,033 3,034	9,245 9,245	10,472 10,638	2,402 2,543	8,070 8,095
1966: January February. March April May June	61,439 61,622 62,243 62,928 63,465 64,563	621 617 620 590 630 645	2,940 2,818 2,981 3,156 3,277 3,521	18,333 18,518 18,651 18,774 18,906 19,258	4,026 4,035 4,056 4,077 4,115 4,180	12,835 12,738 12,826 13,015 13,061 13,239	3,371 3,367 3,374 3,386 3,400 3,473	9,464 9,371 9,452 9,629 9,661 9,766	3,018 3,024 3,043 3,056 3,070 3,112	9,176 9,250 9,331 9,465 9,572 9,702	10,490 10,622 10,735 10,795 10,834 10,906	2,406 2,431 2,460 2,493 2,513 2,592	8,084 8,191 8,275 8,302 8,321 8,314
July August September October November.	64,274 64,484 64,867 65,150 65,266	645 649 <b>637</b> <b>631</b> 627	3,623 3,641 <b>3,525</b> <b>3,450</b> 3,296	19,123 19,391 <b>19,533</b> <b>19,539</b> 19,515	4,171 4,154 <b>4,218</b> <b>4,196</b> 4,193	13,225 13,224 13,253 13,376 13,560	3,511 3,521 3,498 3,521 3,528	9,71 <sup>1</sup> 4 9,703 9, <b>75</b> 5 9,855 10,032	3,148 3,146 3,109 3,099 3,095	9,782 9,772 9, <b>707</b> 9, <b>74</b> 5 9,731	10,557 10,507 10,885 11,114 11,249	2,637 2,641 <b>2,589</b> <b>2,586</b> 2,631	7,920 7,866 <b>8,296</b> 8, <b>528</b> 8,618
NOTE: Date include				<u></u>		L							

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

(In thousands)

			(In	thousands)							
SIC			A	l employees				Produ	ction worker	s l	
Code	Industry	Nov. 1966	Oct. 1966	Sept. 1966	Nov. 1965	Oct. 1965	Nov. 1966	Oct. 1966	Sept. 1966	Nov. 1965	0ct. 1965
	TOTAL · · · · ·	65,266	65,150	64,867	62,392	62,141					
	MINING	627	631	637	635	633	487	490	496	498	496
10 101 102	METAL MINING		86.0 25.9 32.1	87.3 26.4 32.7	94.7 25.8 31.2	83.1 25.9 29.5	-	71.2 21.8 26.3	72.5 22.3 26.9	70.5 21.8 25.6	69.1 21.9 24.2
11,12 12	COAL MINING	 	143.5 135.6	142.7 134.7	144.0 134.0	142.8 132.9	-	124.3 117.2	124.2 117.0	126.1 117.0	124.9 116.0
13 131,2 138	CRUDE PETROLEUM AND NATURAL GAS Crude petroleum and natural gas fields Oil and gas field services	- - -	277.2 149.8 127.4	281.0 153.3 127.7	285.2 153.7 131.5	284.2 154.3 129.9	- -	191.8 82.2 109.6	193.9 84.4 109.5	200.3 86.2 114.1	199.6 86.8 112.8
14 142 144	QUARRYIMG AND NONMETALLIC MINING Crushed and broken stone	- - -	123.9 42.9 41.1	126.2 43.8 41.9	121.2 42.1 40.4	122.7 43.1 41.8	- -	103.1 36.9	105.2 37.5	100.8 36.0	102.2 37.0
	CONTRACT CONSTRUCTION	3,296	3,450	3,525	3,341	3,431	2,800	2,950	3,026	2,856	2,946
	GENERAL BUILDING CONTRACTORS		1,107.0	1,125.2	1,051.4	1,065.5		959.3	977.3	908.6	922.8
16 161 162	MEAVY CONSTRUCTION Highway and street construction Other heavy construction	- -	740.6 388.5 352.1	758.8 401.1 357.7	691.8 353.4 338.4	742.8 395.6 347.2	-	649.0 350.2 298.8	667.9 364.3 303.6	603.5 317.8 285.7	653.0 359.2 293.8
17 171 172 173 174 176	SPECIAL TRADE CONTRACTORS  Plumbing, beating, and air conditioning  Painting, paperhanging, and decorating  Electrical work  Masonry, plastering, stone and tile work  Roofing and sheet metal work	-	1,602.2 378.1 147.3 249.3 230.0 117.2	1,641.0 380.3 153.0 255.0 238.2 117.1	1,597.6 374.9 146.5 237.4 238.5 116.6	1,623.1 378.9 155.9 236.8 247.0 118.2	11111	1,342.0 306.3 131.8 200.5 209.2 95.6	1,380.7 309.6 137.5 206.4 217.4 95.5	1,343.7 306.0 131.3 191.2 217.0 95.8	1,370.6 309.6 140.6 190.5 225.8 97.2
-	MANUFACTURING	19,515	19,539	19,533	18,496	18,461	14,555	14,585	14,582	13,811	13,793
19,24,25, 32-39	DURABLE GOODS	11,479	11,468	11,434	10,693	10,627	8,532	8,530	8,501	7,959	7,908
20-23, 26-31	NONDURABLE GOODS	8,036	8,071	8,099	7,803	7,834	6,023	6,055	6,081	5,852	5,885
19 192 1925 194 191,3569	Durable Goods  ORDNANCE AND ACCESSORIES Ammunition, except for small arms Guided missiles and spacecraft, complete Sighting and fire control equipment Other ordnance and accessories	270.9 201.3 - - 55.4	164.6 14.8	263.0 195.0 164.2 14.7 53.3	235.4 179.6 160.3 12.7 43.1	232.8 177.2 158.4 12.6 43.0	133.3 87.7 — — 39.6	129.2 83.8 56.9 6.3 39.1	126.6 82.6 57.1 6.2 37.8	102.7 68.0 53.3 5.2 29.5	101.2 66.6 52.2 5.1 29.5
24 241 242 2421 243 2431 2432 244 2441,2 249	LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE Logging camps and logging contractors Sawmills and planing mills. Sawmills and planing mills, general Millwork, plywood, and related products Millwork Veneer and plywood. Wooden containers Wooden boxes, shook, and crates Miscellaneous wood products.	- 156.2 - - 35.7	205.7 160.0 67.0 75.1 34.9 27.0	630.6 103.6 250.5 211.4 164.5 69.2 76.3 35.1 27.1 76.9	164.8 70.5 75.9 33.9 25.9	622.9 95.3 253.2 214.6 165.9 71.2 75.9 34.2 26.1 74.3	529.2 219.2 130.3 - 32.0	540.1  222.6 187.4 134.0 53.6 68.5 31.3 24.2 65.6	552.6 - 228.9 193.2 138.1 55.6 69.6 31.5 24.3 66.0	544.3  230.8 195.3 138.9 56.8 69.6 30.5 23.2 64.0	547.1  231.6 196.5 139.7 57.4 69.5 30.8 23.4 63.7

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

			<del></del>	thousands)							
SIC	To do		A	ll employee:	s		L	Pro	duction work	ers 1	
Code	Industry	Nov.	Oct. 1966	Sept.	Nov.	Oct.	Nov.	Oct.	Sept. 1966	Nov.	Oct. 1965
		1966	1966	1966	1965	1965	1966	1966	1200	1965	1302
			Ì			'	}				
							1				
	Durable GoodsContinued					1	l	}		Ì	
				'		1	•			ļ	
		ľ				ŀ	l			•	
25	FURNITURE AND FIXTURES	467.6	466.8	465.6	441.6	439.8	388.0	387.8	386.9	367.1	366.1
251	Household furniture	336.3	335.7	335.2	320.1	317.4	286.6	286.7	286.2	274.7	272.2
2511	Wood house furniture, unupholstered	- 550.5	175.8	175.1	166.9	165.1	-	155.3	155.1	149.0	147.3
2512	Wood house furniture, upholstered	-	83.9	84.3	82.2	81.1	- 1	69.9	70.2	69.0	67.9
2515	Mattresses and bedsprings		38.4	38.7	36.8	37.2	-	30.6	30.8	29.1	29.5
252	Office furniture	-	34.3	33.8	30.3	30.3	-	26.8	26.5	23.6	23.8
254 253,9	Partitions; office and store fixtures Other furniture and fixtures	49.9	47.0 49.8	47.3 49.3	44.5 46.7	45.1 47.0	39.2	35.1 39.2	35.3 38.9	32.9 35.9	33.9 36.2
2)3,9	Other furniture and fixtures	49.9	47.0	49.3	40.7	47.0	39.2	39.2	30.9	33.9	30.2
		1				<u> </u>	Ì				
32	STONE, CLAY, AND GLASS PRODUCTS	637.5	644.5	653.4	638.3	642.3	510.8	517.8	525.7	513.7	516.8
321	Flat glass	-	32.4	32.2	33.7	33.4		25.6	25.3	27.2	27.0
322	Glass and glassware, pressed or blown	123.8	124.3	125.9	117.0	117.6	107.4	108.3	110.1	102.0	101.8
3221	Glass containers	-	66.9	68.0	63.5	64.6	-	59.2	60.3	55.8	56.1
3229	Pressed and blown glassware, n.e.c	-	57.4	57.9	53.5	53.0		49.1	49.8	46.2	45.7
324	Cement, hydraulic	37.7	38.3	39.0	38.4	38.4	29.1	29.6	29.9	29.6	29.8
325 3251	Structural clay products Brick and structural clay tile	66.0	67.8	69.5	70.1 31.8	70.5	55.1	57.0 26.7	58.9 27.6	59.5 28.3	59.9 28.4
326	Pottery and related products	] _	44.1	44.2	44.5	45.1		37.6	37.6	38.2	38.7
327	Concrete, gypsum, and plaster products	176.2	180.3	184.2	180.9	183.9	135.6	139.2	142.8	140.2	142.5
328,9	Other stone and mineral products	132.6	132.8	134.1	130.0	130.0	100.3	100.4	101.2	97.4	97.8
3291	Abrasive products	-	28.0	28.2	26.0	25.9	-	19.4	19.6	17.5	17.3
			İ		1				}		
33	PRIMARY METAL INDUSTRIES	1,331.1	1,332.8	1,344.9	1,259.3	1,273.9	1,082.2	1,084.5	1,095.0	1,020.7	1,034.4
331	Blast furnace and basic steel products	644.5	649.9	659.7	610.2	627.8	522.3	523.0	537.2	491.7	508.3
3312	Blast furnaces, steel and rolling mills	-	573.1	582.9	534.0	551.3	-	467.6	476.9	431.6	447.8
332	Iron and steel foundries	237.7	236.2	236.6	225.9	226.1	202.7	201.6	202.0	193.0	193.2
3321	Gray iron foundries	<u>-</u>	138.1	138.3	134.4	135.3		119.1	119.2	115.8	116.7
3322 3323	Malleable iron foundries	] [	28.0 70.1	27.8	27.1 64.4	26.9 63.9	-	23.7 58.8	23.6 59.2	23.1 54.1	22.8 53.7
333,4	Nonferrous smelting and refining	78.7	77.8	70.5	74.4	73.9	60.7	60.0	60.3	57.8	57.4
335	Nonferrous rolling, drawing, and extruding	210.8	211.3	212.0	199.4	198.7	163.7	163.9	164.4	154.4	153.7
3351	Copper tolling, drawing, and extruding		48.7	49.2	47.0	47.0	-	37.8	38.1	36.4	36.4
3352	Aluminum rolling, drawing, and extruding.	-	67.2	67.7	64.3	64.5	-	52.5	53.0	50.1	50.1
3357	Nonferrous wire drawing and insulating	-	72.0	71.7	66.9	66.3	-	56.7	56.4	52.7	52.3
336	Nonferrous foundries	88.6	38.0	88.5	83.2	81.9	75.5	74.8	75.1	70.2	68.9
3361	Aluminum castings	-	44.7	44.0	41.3	40.3	- 1	38.6	37.9	35.4	34.4
3362,9	Other nonferrous castings Miscellaneous primary metal industries	70.0	43.3	44.5	41.9	41.6	1	36.2	37.2	34.8	34.5
339 3391	Iron and steel forgings	70.8	69.6	69,6 46,6	66.2 44.3	65.5 43.9	57.3	56.2 38.0	56.0 38.2	53.6 36.6	52.9 36.2
3374		Ī	1 40.2	70,0	1 -7.5	3.7	!	55.5			
				1				ļ			
34	FABRICATED METAL PRODUCTS	_,500.2	1,378.4	1,372.5	1,313.3	1,300.7	1,082.6	1,076.9	1,071.1	1,023.9	1,011.2
341	Metal cans	52.2	62.0	64.0	61.2	60.7	52.8	52.7	54.6	51.6	51.1
342	Cutlery, hand tools, and general hardware Cutlery and hand tools, including saws	167.2	165.5	164.4	159.8 62.5	156.5	133.0	132.1 53.6	131.1	126.9 49.6	48.3
3421,3,5. 34 <b>2</b> 9	Hardware, n.e.c		66.2 99.3	65.8 98.6	97.3	95.4	_	78.5	77.8	77.3	75.4
343	Heating equipment and plumbing fixtures	79.3	79.1	79.9	79.9	79.0	59.4	59.7	60.2	60.4	59.3
3431,2	Sanitary ware and plumbers' hrass goods .	-	34.6	35.5	37.4	36.2	1 -	28.1	28.8	30.6	29.3
3433	Heating equipment, except electric	-	44.5	44.4	42.5	42.8		31.6	31.4	29.8	30.0
344	Fabricated structural metal products	403.7	405.3	408.9	390.5	388.1	293.0	295.2	299.0	285.3	282.2
3441	Fabricated structural steel		110.5	112.4	108.2	107.4		81.9	83.8	81.3	80.4
3442	Metal doors, sash, frames, and trim Fabricated plate work (boiler shops)	-	67.8	68.4	70.0	70.1	-	49.2 77.4	49.7 78.2	51.8 71.9	51.6 71.3
3443 3444	Sheet metal work	I -	109.0 73.3	109.5	101.8	101.2		53.6	53.4	49.0	48.8
3446,9	Architectural and misc. metal work	- 1	44.7	45.6	42.9	41.7	-	33.1	33.9	31.3	30.1
345	Screw machine products, bolts, etc	113.0	110.8	109.3	100.8	99.8	90.3	88.2	86.8	80.1	79.3
3451	Screw machine products	"	51.0	50.6	46.2	45.3	1 -	43.5	43.3	39.6	38.7
3452	Bolts, nuts, screws, rivets, and washers.	-	59.8	58.7	54.6	54.5	1 -	44.7	43.5	40.5	40.6
346	Meral stampings	251.9	248.6	241.9	233.9	230.9	207.0	204.3	197.9	192.1	189.7
347	Coating, engraving, and allied services		85.1	83.7	79.6	79.1	73.1	72.3	70.8	67.1	66.4
348	Miscellaneous fabricated wire products		68.7	67.9	64.3	63.3	56.7	56.0	55.3	52.4	51.3
349	Miscellaneous fabricated metal products	154.2	153.3	152.5	143.3	143.3	117.3	116.4	115.4	108.0	103.2 61.3
3494,8	Valves, pipe, and pipe fittings		88.6	88.5	83.8	i 84.6	, -	64.1	63.9	, 50.5	1 07+2

## ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

			(ln	thousands)							
SIC	Indu			ll employees					luction work		
Code	Industry	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0ct. 1965	Nov. 1966	Oct. 1966	Sept. 1966	Nov. 1965	Oct. 1965
		1,500							- <del></del>	1	- 1,32
	Durable GoodsContinued										
					}				1		
35 351	MACHINERY	1,900.9 92.0	1,895.8	1,895.3	1,762.6	1,744.0 91.5	1,399.9	1,334.9 67.8	1,332.3	1,236.4	1,221.8
3511	Steam engines and turbines	32.0	98.4 34.2	99.7 34.5	92.5 32.6	32.3	64.1	20.2	20.2	19.0	18.7
3519	Internal combustion engines, n.e.c	_	64.2	65.2	59.9	59.2		47.6	48.8	44.6	44.0
352	Farm machinery and equipment		143.6	143.9	135.0	131.9		105.9	106.0	98.3	95.7
353 3531,2	Construction and related machinery Construction and mining machinery	277.4	277.4 153.1	279.2 153.6	260.7 141.3	258.3 140.2	189.5	189.5 107.9	191.4	179.3	177.2 99.4
3533	Oil field machinery and equipment	-	38.7	39.3	39.4	39.2		26.4	27.0	27.2	27.0
3535,6	Conveyors, hoists, and industrial cranes.	_	40.0	40.4	37.1	37.1	-	26.1	26.6	24.5	24.4
354	Metalworking machinery and equipment	377.7	336.8	338.8	310.2	306.7	256.1	255.5	255.6	234.4	231.5
3541 3544	Machine roots, metal cutting types  Special dies, tools, jigs, and fixtures	_	81.5 114.5	81.5 115.5	75.8 107.5	75.2 105.6	_	57.2 95.0	57.2 94.2	53.5	52.9 87.4
3545	Machine tool accessories	_	61.8	62.0	55.6	55.0	_	46.0	46.1	40.8	40.3
3542,8	Miscellaneous metalworking machinery	_	79.0	79.8	71.3	70.9	-	57.3	58.1	51.0	50.9
355	Special industry machinery	205.0	203.6	204.0	195.3	194.0	141.8	141.2	141.2	135.3	134.3
3551 3552	Food products machinery	_	42.9 44.2	43.0 44.3	39.9 44.9	39.6 44.3	_	27.7	27.7 34.4	25.7	25.6
3555	Printing trades machinery	_	28.9	28.9	27.2	27.2	-	34.2 20.6	20.5	35.0 19.2	34.5 19.1
356	General industrial machinery	234.1	282.8	281.0	264.3	262.9	191.2	190.5	188.3	177.9	177.3
3561	Pumps; air and gas compressors	-	77.3	77.1	72.4	72.0	-	44.4	44.1	42.0	41.8
3562 3566	Ball and roller bearings	-	60.9 53.8	60.4 52.7	57.8 48.4	57.5 43.3	_	48.1 40.5	47.4 39.3	45.8 35.9	45.6 35.9
357	Office, computing, and accounting machines	222.5	220.5	218.6	200.4	197.0	132.3	131.1	130.2	119.7	117.7
3571	Computing machines and cash registers .	-	168.4	166.9	154.4	151.3	-	95.0	94.5	88.4	86.8
358	Service industry machines	116.9	115.3	115.6	109.9	110.3	82.6	81.3	81.1	75.7	76.3
3585 359	Refrigeration, except home refrigerators .  Miscellaneous machinery	210.2	71.7 217.4	71.6 214.5	67.5 194.3	190.9	173.5	50.4 172.1	50.3 169.5	56.1 152.2	46.5 149.1
,,,	internations inactificity	219.2	217.4	214.5	154.5	1,0.,	1/3.3	1,2.1	107.3	132.2	147.1
36	ELECTRICAL EQUIPMENT AND SUPPLIES	1,989.1	1,981.8	1,958.0	1,745.6	1,724.8	1,391.4	1,386.2	1,365.6	1,213.7	1,195.7
361	Electric distribution equipment	190.0	199.1	198.0	177.9	175.9	131.0	138.1	137.2	122.2	120.3
3611	Electric measuring instruments	-	69.5	68.7	60.4	59.1		47.5	46.9 37.7	40.2	39.0
3612 3613	Switchgear and switchboard apparatus	_	53.3 76.3	53.2 76.1	48.1 69.4	47.5 69.3	_	37.8 52.8	52.6	34.4 47.6	34.0 47.3
362	Electrical industrial apparatus	219.2	220.6	218.7	196.7	196.0	156.3	158.1	156.0	139.1	138.1
3621	Motors and generators	- :	120.1	120.3	107.4	106.1	-	86.7	86.6	76.9	75.6
3622 363	Industrial controls	- 194.9	60.9 192.2	60.6	54.1	53.8 168.0	155.6	41.4 153.0	41.0 148.6	35.9 133.6	35.6 132.0
3632	Household refrigerators and freezers	-	62.0	187.5 62.0	169.8	51.7		51.2	51.3	41.5	41.7
3633	Household laundry equipment	- :	29.9	30.1	27.7	26.8	-	22.9	23.2	21.1	20.4
3634	Electric housewares and fans	- 10- 0	45.3	43.7	41.7	40.9	155 0	36.1	34.5	33.6	32.9
364 3641	Electric lighting and wiring equipment Electric lamps	197.3	195.5 36.6	194.7 36.5	180.1 33.1	177.6 32.7	155.0	153.5 32.5	152.6 32.4	140.9	138.5 28.8
3642	Lighting fixtures	- '	62.6	62.5	60.6	60.1	-	48.7	48.6	47.5	46.8
3643,4	Wiring devices	- :	96.3	95.7	86.4	84.8		72.3	71.6	64.1	62.9
365 366	Radio and TV receiving sets	195.6	192.0 481.5	185.1 478.3	151.6 430.9	149.4 426.2	157.3 244.1	154.7 242.5	148.8	122.7 217.8	120.4 214.5
3661	Telephone and telegraph apparatus	484.5 -	122.5	122.4	118.1	116.7	- 244.1	82.3	82.2	82.0	80.7
3662	Radio and TV communication equipment	-	359.0	355.9	312.8	309.5		160.2	158.1	135.8	133.8
367	Electronic components and accessories	393.2	388.7	384.9	333.5	326.0	302.3	298.3	295.8	255.4	249.3
3671-3 3674,9	Electronic components, n.e.c.		77.8 310.9	76.7 308.2	65.3 268.2	63.6		56.2 242.1	55.1 240.7	46.2 209.2	44.6 204.7
369	Misc. electrical equipment and supplies	114.4	112.2	110.8	105.1	105.7	89.8	88.0	86.3	82.0	82.6
3694	Electrical equipment for engines	-	61.6	60.8	57,0	56.4	-	49.1	48.2	44.9	44.3
										1	
37	TRANSPORTATION EQUIPMENT	1,981.8	1,974.8	1,953.2		1,792.9	1,418.4			1,310.5	1,286.9
371	Motor vehicles and equipment	(*)	892.4	881.9	885.3	873.8	(*)	702.9	692.0	697.7	688.1
3711 3712	Motor vehicles	_	379.7 67.7	374 <b>.</b> 2 65.5	373.8 70.2	369.2 68.5	_	288.0 56.7	282.9 54.4	282.3 58.1	277.9 56.4
3713	Truck and bus bodies	_	36.2	36.7	34.6	34.8	_	29.2	29.8	28.0	28.2
3714	Motor vehicle parts and accessories	<del>-</del>	383.7	380.2	379.9	374.8	-	310.0	305.7	308.5	305.2
372	Aircraft and parts	804.0	793.9	786.8	659.8	644.8	481.2	473.5	468.0 254.4	385.6	373.2
3721 3722	Aircraft	-	446.4 216.7	442.1 215.6	357.2 195.1	347.5 191.8	_	256.7 126.0	124.3	203.1	195.4 106.6
3723,9	Other aircraft parts and equipment	_	130.8	129.1	107.5	105.5	_	90.8	89.3	73.0	71.2
373	Ship and boat building and repairing	161.6	170.7	166.7	162.9	163.0	133.4	141.7	137.8	135.6	136.4
3731	Ship building and repairing	-	140.7	137.5	131.8	133.6	-	116.9	113.6	109.8	111.9
3732 374	Boat building and repairing	-	30.0	29.2 61.0	31.1 57.4	29.4 54.5	-	24.8 48.4	24.2 48.3	25.8 45.0	24.5 42.3
374 375,9	Other transportation equipment		61.3 56.5				1	46.5			
2	• • • • • • • • • • • • • • • • • • • •	•				, 20.01	•		,		,,

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

		· · · · · · · · ·		n thousands Il employee			т				
SIC Code	Industry	Nov.	Oct.	Sept.	Nov.	Oct.	Nov.	Oct.	Sept.	Nov.	Oct.
Code	<u>'</u>	1966	1966	1966	1965	1965	1966	1966	1966	1965	1965
									1		
	Durable GoodsContinued		1	1	1	1	l			-	İ
38	INSTRUMENTS AND RELATED PRODUCTS	lika a	438.7	434.6	399.2	395.7	282.4	281.7	279.8	257.5	255.2
381	Engineering and scientific instruments	440.9	75.2	73.8	70.6	71.1	202.4	39.9	39.0	37.0	37.1
382	Mechanical measuring and control devices .	108.9	107.5	107.4	99.5	97.9	71.5	70.7	70.6	65.2	64.0
3821 3822	Mechanical measuring devices	- '	67.3	66.9	61.9	61.6	-	42.3	42.0	38.7	38.6
383,5	Automatic temperature controls Optical and ophthalmic goods		40.2 50.1	40.5	37.6 46.6	36.3 46.3	- -	28.4 35.7	28.6 35.6	26.5 33.7	25.4 33.4
385	Ophthalmic goods	50.6	33.7	33.3	32.0	31.8	36.1	25.6	25.4	24.5	24.3
384	Surgical, medical, and dental equipment	67.1	66.7	66.2	59.4	58.4	46.6	46.6	46.2	41.2	40.5
386	Photographic equipment and supplies	100.6	100.1	99.1	88.4	87.8	57.3	56.8	56.8	52.0	51.9
387	Watches and clocks	-	39-1	38.5	34.7	34.2	-	32.0	31.6	28.4	28.3
	MISCELLANEOUS MANUFACTURING				ļ			ĺ			
39	INDUSTRIES	464.9	470.0	463.2	455.5	457.5	373.4	378.1	372.0	368.9	371.3
391	Jewelry, silverware, and plated ware	50.7	50.1	48.9	47.2	47.0	39-3	38.8	37.9	37.3	37.2
394	Toys, amusement, and sporting goods	-	141.4	138.6	140.2	142.9	i -	119.9	117.3	119.7	122.4
3941-3	Toys, games, dolls, and play vehicles	-	92.8	91.1	94.9	97.6	-	79.9	78.5	82.2	84.9
3949 395	Sporting and athletic goods, n.e.c.		48.6 36.1	47.5 36.4	45.3 35.7	45.3 35.0	_	40.0 26.4	38.8	37.5 26.6	37.5 26.0
396	Pens, pencils, office, and art materials  Costume jewelry, buttons, and notions	_	59.7	58.7	58.6	58.4	_	49.6	48.5	48.6	48.4
393,8,9	Other manufacturing industries	181.1	182.7	180.6	173.8	174.2	142.2	143.4	141.4	136.7	137.3
393	Musical instruments and parts	-	27.8	27.4	26.1	25.6	_	22.9	22.6	21.8	21.3
									l		
	Nondurable Goods										
20	FOOD AND KINDRED PRODUCTS	1,799.9	1,840.5	1,881.0	1,796.8	1,838.4	1.211.4	1,245.6	1,283.8	1,204.5	1,242.5
201	Meat products	329.3	329.9	327.9	327.0	326.0	264.5	265.4	262.9	262.3	261.3
2011	Meat packing	-	192.0	191.9	194.9	194.4	- 1	149.5	148.8	151.2	150.7
2013	Sausages and other prepared meats	-	53.4	52.8	52.5	52.5	-	37.9	37.6	37•7	37.6
2015 202	Poultry dressing and packing  Dairy products	271.6	84.5	83.2	79.6	79.1	-	78.0	76.5	73.4	73.0
2024	Ice cream and frozen desserts	-	274.7 28.9	279.8 30.6	279•5 28•2	282.9 29.6	122.0	123.6 14.6	127.2 15.8	126.1 14.4	128.1 15.4
2026	Fluid milk	-	200.9	203.0	205.1	206.1	-	74.3	75.6	76.3	76.5
203	Canned and preserved food, except meats	-	326.0	380.5	277.9	313.2	-	281.7	335.8	236.9	271.6
2031,6 2032,3	Canned, cured, and frozen sea foods	-	43.6	44.7	39.1	41.3	-	38.3	39.5	34.7	36.7
2032,3	Canned food, except sea foods Frozen food, except sea foods	1 -	173.1 64.7	223.8 67.1	139•5 59•5	168.2 62.1	_	147.1 59.0	196.9 61.5	115 <b>.</b> 2 53 <b>.</b> 9	143.5 56.5
204	Grain mill products	121.7	124.4	125.5	123.4	127.6	85.5	87.7	88.8	86.4	90.3
2041	Flour and other grain mill products	- '	29.1	29.1	29.3	29.4		20.9	20.9	21.2	21.4
2042	Prepared feeds for animals and fowls		55-5	56.9	54.6	58.0	-	36.5	37.9	35.8	38.8
205 2051	Bakery products  Bread, cake, and perishable products	282.7	282.3	281.9	285.2 242.0	286.2 242.4	164.8	163.8	164.6 128.9	166.7	166.9
2052	Biscuit, crackers, and pretzels	_	239.8 42.5	239.2 42.7	43.2	43.8	_ [	128.5 35.3	35.7	130.6 36.1	130.2 36.7
206	Sugar	-	50.1	33.8	51.9	49.3	- 1	42.3	26.6	44.8	42.1
207 2071	Confectionery and related products	81.4	80.3	77.8	83.1	82.6	68.4	67.0	64.5	68.2	67.9
2071	Candy and other confectionery products	020.2	66.3	63.8	68.6	67.9	120.6	56.9	54.5 121.7	57.7	57.2
2082	Malt liquors	230.3	230 <b>.</b> 7	233.6 62.1	222.8 61.8	225 <b>.</b> 2 61 <b>.</b> 9	- 120.0	120.7 39.4	41.1	115.6 40.8	117.3 40.5
2086	Bottled and canned soft drinks	-	124.2	129.2	116.7	117.5	-	47.8	51.1	42.5	42.9
209	Miscellaneous food and kindred products	142.2	142.1	140.2	146.0	145.4	93.9	93.4	91.7	97•5	97.0
21	TOBACCO MANUFACTURES	90.5	94.5	94.8	89.8	102.0	78.0	81.9	82.1	77.6	89.4
211 .212	Cigarettes	} -	39.4	39.8	38.7	38.8	-	32.3	32.7	32.1	32.2
.212	Cigars	] -	22.3	22.2	24.8	24.8	-	20.8	20.6	23.1	23.1
22	FEXTILE MILL PRODUCTS	958.5	958.4	959.7	939•4	936.6	854.8	854.2	855.5	839.4	836.8
221	Cotton broad woven fabrics	240.3	238.9	238.3	231.9	230.4	221.3	219.6	218.7	212.7	211.3
222	Silk and synthetic broad woven fabrics	96.1	95.8	96.2	93.7	92.9	87.0	86.5	86.9	84.8	84.0
223 224	Weaving and finishing broad woolens	42.0	42.5	43.8	43.7	43.9	36.3	36.9	38.2	38.3	38.4
224	Narrow fabrics and small wares Knitting	32.3 235.5	32.2 237.8	32.0 238.8	30.0 237.0	30.0 238.8	28.8 210.3	28.6 212.8	28.5 214.0	26.8 213.0	26.8 215.0
2251	Women's full and knee length hosiery	~2~/	55.8	55.0	54.5	54.2	-10.3	51.1	50.3	49.7	49.4
2252	All other hosiery	-	43.0	43.2	43.8	44.6	-	39.4	39.5	40.2	41.1
2253	Knit outerwear	-	72.9	74.1	75.1	76.6	-	63.7	65.2	66.3	67.9
2254 226	Knit underwear		35.5	35.7	34.6	34.4		31.9	31.9	31.3	31.1
226	Floor covering	76.8	76.1 43.4	75•9 43•1	74.6 42.3	74.5 42.1	64.7	64.1 35.6	63.9	63.4	63.3 34.7
228	Yarn and thread	116.5	116.1	116.5	111.9	110.8	108.2	107.7	35.3 108.0	35.0 103.7	34•7 102•6
229	Miscellaneous textile goods	75.6	75.6	75.1	74.3	73.2	62.5	62.4	62.0	61.7	60.7
		1,,,,								•	•

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

240-750 O - 66 - 3

### ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

				(In thousand	is)						
SIC				ll employees	5			Prod	uction work	ers 1	
Code	Industry	Nov. 1966	0ct. 1966	Sept. 1966	Nov. 1965	0et. 1965	Nov. 1966	0ct. 1966	Sept. 1966	Nov. 1965	0et. 1965
	Nondurable GoodsContinued										
23	APPAREL AND RELATED PRODUCTS	1,418.2	1,419.8	1,414.2	1,382.6	1,382.5	1,259.9	1,263.5	1,257.3	1,230.5	1,231.3
231	Men's and boys' suits and coats	120.7	119.8	120.7	119.5	117.9	107.3	107.0	107.9	107.1	105.8
232	Men's and boys' furnishings	369.3	369.2	370.4	359-4	359.1	333.2	333•3 118•8	334.9	325.3	325.5
2321	Men's and boys' shirts and nightwear	-	131.5	132.1	129.8	129.9	- 1		119.4	117.6	117.8
2327 2328	Men's and boys' separate trousers	-	77.4	78.4	75.5	75.9	_	72.6	73.6	70.7	71.0
233	Work clothing	100 0	80.9 430.8	80.7 428.9	77.0 421.1	76.8		72.1	72.2	69.1	69.0
2331	Women's blouses, waists, and shirts	431.7	51.3	51.5	52.1	422.3 51.8	385.8	385.6 46.9	383.3 47.0	377•2 47•8	378.1 47.5
2335	Women's, misses', and juniors' dresses	_	207.1	205.6	201.9	205.6	_	186.1	184.5	180.5	184.0
2337	Women's suits, skirts, and coats	-	96.0	96.8	93.0	93.5	-	86.2	86.9	83.8	84.0
2339	Women's and misses' outerwear, n.e.c	- 1	76.4	75.0	74.1	71.4		66.4	64.9	65.1	62.6
234 2341	Women's and children's undergarments  Women's and children's underwear	131.4	131.2	130.0	125.9	125.5	116.2	116.2	115.1	111.4	110.8
2342	Corsets and allied garments	_	86.9 44.3	86.3 43.7	82.9 43.0	82.6 42.9	_	78.6	78.1	75.3	74.9
235	Hats, caps, and millinery	_	28.3	28.4	27.7	28.5	-	37.6 25.3	37.0 25.3	36.1 24.6	35.9 25.3
236	Girls' and children's outerwear	80.6	80.5	80.3	77.7	78.6	71.6	71.8	71.5	69.4	70.6
2361	Children's dresses, blouses, and shirts	=====	35.1	34.5	35•3	35.1		31.6	31.1	31.9	31.7
237,8	Fur goods and miscellaneous apparel		83.5	82.0	80.2	80.5	-	72.9	71.4	69.7	70.0
239 2391,2	Miscellaneous fabricated textile products .	175.0	176.5	173.5	171.1	170-1	150.0	151.4	147.9	145.8	145.2
- >> 1,2	Housefurnishings	l -	60.4	60.4	62.4	61.4	_	52.1	51.8	54-1	53.2
26	PAPER AND ALLIED PRODUCTS	686.0	680.1	677.1	652.5	650.3	535•5	529.1	526.5	509.0	506.4
261,2,6	Paper and pulp	220.4	218.9	219.7	213.1	213.0	173.4	171.9	173.2	168.7	168.9
263	Paperboard	70.2	69.6	69.7	67.7	68.0	55.4	54.7	54.9	53.8	53.7
264	Converted paper and paperboard products	177.0	175.0	173.7	163.5	162.4	131.0	128.8	127.3	120.2	119.1
2643 265	Bags, except textile bags	- man	40.4	40.1	38.2	37.8		32.6	32.4	30.8	30.4
2651,2	Paperboard containers and boxes Folding and setup paperboard boxes	218.4	216.6 70.1	214.0	208.2 68.5	206.9	175.7	173.7	171.1	166.3	164.7
2653	Corrugated and solid fiber boxes	-	97.6	69.0 96.4	92.9	67.7 92.6	_	58•3 75•9	57.2 74.7	56.9 71.9	56.0 71.1
	-	l	•					,,,,		''	'
	PRINTING, PUBLISHING, AND ALLIED									٠.,	
27	INDUSTRIES		1,044.4	1,038.2	999.4	993.7	664.0	665.1	661.4	636.4	632.6
271 272	Newspaper publishing and printing Periodical publishing and printing	358.3	358.5 74.0	356.8	350.6	350.3	179.8	181.5	181.2	179.1	179.6
273	Books	] _	89.7	73.5 89.1	71.6 81.9	71.0 81.3	-	26.0 55.0	25.8 54.7	26.1 50.3	25.8 49.9
275	Commercial printing	333.2	332.8	330.5	317.3	314.9	261.7	261.6	259.6	249.1	246.9
2751	Commercial printing, except lithographic .	-	211.9	210.3	204.0	202.2	-	168.4	167.3	162.2	160.7
2752	Commercial printing, lithographic	-	109.2	108.3	102.6	102.0	46.8	83.8	82.9	78.4	77.7
278	Bookbinding and related industries	56.4	56.0	56.5	52.0	51.3	94.7	46.4	47.0	42.6	41.9
274,6,7,9	Other publishing and printing industries	134.2	133.4	131.8	126.0	124.9	21.1	94.6	93.1	89.2	88.5
28	CHEMICALS AND ALLIED PRODUCTS	964.3	965.9	968.2	913.9	912.0	574.8	576.2	576.6	546.2	545.5
281	Industrial chemicals	301.7	302.3	304.5	290.9	289.9	169.9	170.1	171.4	165.7	165.2
2812	Alkalies and chlorine	J -	25.1	25.2	23.2	23.2	;	17.5	17.5	16.1	16.1
2818 2819	Industrial organic chemicals, n.e.c.	-	122.1	123.0	115.0	114.3	-	54.8	55.6	53.1	52.9
282	Industrial inorganic chemicals, n.e.c Plastics materials and synthetics		91.8 209.9	92.7 212.2	90.9 200.3	90.8 198.6	138.9	55.8 138.9	56.3 139.9	55.9 134.2	55.7 132.7
2821	Plastics materials and resins	570.0	91.8	92.8	86.9	85.8	-30.7	57.3	57.7	55.0	54.1
2823,4	Synthetic fibers	-	104.2	105.5	100.3	99.4	-	72.5	73.1	70.7	70.2
283	Drugs	128.8	128.5	128.5	121.4	120.5	67.1	67.1	67.3	63.8	63.1
2834 284	Pharmaceutical preparations		94.9	95.0	89.9	89.1	_	47.5	47.7	45.7	45-1
284 2841	Soap, cleaners, and toilet goods	110.8	112.2	111.5	105.3	106.9	68.9	69.7	68.7	64.3	65.8
2844	Toilet preparations	_	38.4 42.0	38.9 40.7	38.1 38.4	38.9 38.6	_	26.6 26.2	26.8 24.9	26.2 23.1	27.0
285	Paints, vamishes, and allied products	66,6	66.5	67.2	65.5	65.5	36.9	36.9	37.4	36.6	23.2 36.6
287	Agricultural chemicals	51.4	52.0	50.7	50.0	50.4	32.3	33.3	31.8	31.2	31.8
2871,2	Fertilizers, complete and mixing only	-	37-7	36.2	36.6	37-1	-	26.1	24.5	24.5	25.1
286,9	Other chemical products	95.0	94.5	93.6	80.5	80.2	60,8	60.2	60.1	50.4	56.3
20	PETROLEUM REFINING AND RELATED	100 -	190.0	10- 1	10- 0	100.0		1 -		}	<b>,</b>
29 291	INDUSTRIES	182.2	182.9 146.8	185.4 148.1	181.2	182.8	114.3	114.7	116.2	112.0	113.7
295,9	Other petroleum and coal products	147.0 35.2	36.1	37.3	146.3 34.9	146.2 36.6	89.4	88.9 25.8	89.3	87.9	87.8
	• •	ع•رد	J	51.05	J*** 7	JU, U	24.9	درے ا	26.9	24.1	25.9
30	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS		E00 7	E03.0	lion 5	1.05	419.3	hat: o	lac c	20)	200 -
301	Tires and inner tubes	534.8	529.7 109.1	523.2 108.8	491.5	485.2 104.6	77.9	414.9	409.2	384.2	378.5
302,3,6	Other rubber products	110.0 185.8	183.5	182.7	105.6 17 <b>7.</b> 1	175.2	147.8	77•3 145•9	77.2 145.0	75•3 141•1	74.5
307	Miscellaneous plastics products	239.0	237.1	231.7	208.8	205.4	193.6	191.7	187.0	167.8	139.0 165.0
31	LEATHER AND LEATHER BRODUCTS		}								
31 311	LEATHER AND LEATHER PRODUCTS Leather tanning and finishing	355.8	355.0	356.9	355.6	350.8	311.1	309.9	312.4	312.5	307.9
314	Footwear, except rubber	31.1 233.9	30.8 233.1	31.2 235.7	32.2 234.1	32.0 230.2	27.2 206.8	26.8 206.1	27.2 208.8	28.1 208.2	27.8 204.7
312,3,5-7,9	Other leather products	90.8	91.1	90.0	89.3	88.6	77.1	77.0	76.4	76.2	75.4
317	Handbags and personal leather goods	ا -	37.7	36.7	36.9	36.7	'	33.0	32.2	32.1	31.9
See fo	otnotes at end of table. NOTE: Data for the 2 m			!:-:					-		

## ESTABLISHMENT DATA EMPLOYMENT

Table 8-2: Employees on nonagricultural payrolls, by industry--Continued

(In thousands)

				(In thousand	s)							
SIC	•			All employee	5		Production workers 1					
Code	Industry	Nov. 1966	0ct. 1966	Sept. 1966	Nov. 1965	Oct. 1965	Nov. 1966	Oct.	Sept.	Nov.	Oct.	
		1900	1900	1900	1905	1903	1900	1966	1966	1965	1965	
	TO ANCIDOR LATION AND DURI IS		Ì			l	1					
_	TRANSPORTATION AND PUBLIC UTILITIES	4,193	4,196	4,218	4,092	4,104	1					
	01121123	4,193	4,190	4,210	4,092	4,104	]					
40	RAIL ROAD TRANSPORTATION		715.7	720.6	727.1	734.9		_		1		
4011	Class I railroads <sup>2</sup>		623.7	628,4	633.3		-	-	-			
		•	İ				1					
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	}	200	200	071.0		1	1		ļ		
411	Local and suburban transportation		266.4 81.5	264.3 81.0	271.0 82.1	271.7 82.1	_	76.9	76.7	77.7	77.9	
412	Taxicabs		105.2	104.5	109.1	108.5			, ,,,,			
413	Intercity and rural bus lines		43.0		41.4		-	39.4	40.4	38,1	38.9	
		]			<b>{</b>			1		1		
42	MOTOR FREIGHT TRANSPORTATION AND STORAGE	l _	1,047.0	1,045.7	999.5	1,004.2		956.4	956.0	912.2	916.4	
422	Public warehousing		88.8	82.8	89.2	88.0	=	78.2		79.1	78.2	
45	AIR TRANSPORTATION	-	264.5	261.6	239.4	236.6		-	_		_	
451,2	Air transportation, common carriers	-	236.4	233,6	213,4	211.4	-	- 1	-	-	-	
46	PIPELINE TRANSPORTATION		18.5	18.9	19.0	19.1		15.4	15.8	15.9	16.0	
44, 47	OTHER TRANSPORTATION	ļ	314.5	326.7	322,9	322.3			_	İ		
		1	1			ŀ	1	I -		I -	] _	
48 481	COMMUNICATION		936.6	938.8	889.7	887.9	] -	740.5		703.8	703.2	
482	Telephone communication		784.3 33.2	786.5 33.1	742.0 31.8	740.2 31.6		624.3		591.6 22.1	590.5 22.0	
483	Radio and television broadcasting		112.8	112.9	109.6	109.8		91.1		88.1	88.7	
49		l						ł		[		
491	ELECTRIC, GAS, AND SANITARY SERVICES Electric companies and systems		632.3 257.4	641.4 260.3	623.4 250.5	626.9 253.3	-	546.4 218.9	556.7 222.0	540.8	544.9	
492	Gas companies and systems		156.1	158.6	155.5	155.8		134.2		211.7 135.5	214.7 135.9	
493	Combined utility systems		176.4	179.7	176.4	176.9	_	156.3		157.8	158.6	
494-7	Water, steam, and sanitary systems	-	42.4	42.8	41.0		-	37.0		35.8	35.7	
_	WHOLESALE AND RETAIL TRADE	13,560	13,376	13,253	13,078	12,852	12,095	11,923	11,802	11,686	11,469	
50	WHOLESALE TRADE	3,528	3,521	3,498	3,394	3,388	2,984	2,980	2,960	2,883	2,880	
501	Motor vehicles and automotive equipment .	-	263.1		259.5	258.0	-	220.2		218.2	217.1	
502	Drugs, chemicals, and allied products	-	210.4	208.9	202.3	200.9	-	174.6		168.0		
503 504	Dry goods and apparel	-	150.9 529.3	150.5 515.1	144.4 523.2	143.7 527.1		123.0		117.1		
506	Groceries and related products	- -	279.9	279.0	262.6	260.6	] [	465.1 228.1		462.5 216.8	466.7 215.1	
507	Hardware, plumbing, and heating goods	_	159.5	158.4	154.5	153.4		135.6		131.6	130.7	
508	Machinery, equipment, and supplies	-	632.1	632.7	591.0		- 1	535.3		500.0	498.7	
509	Miscellaneous wholesalers	-	1,193.0	1,187.9	1,148.1	1,144.6	1 -	1,009.8	1,005.1	975.6	972.5	
52-59	RETAIL TRADE	10,032	9,855	9,755	9,684	9,464	9,111	8,943	8,842	8,803	8,589	
53	GENERAL MERCHANDISE STORES	-	2,005.7		2,068,2	1,911.9	1 -	1,845.4	1,779.6	1,908.2		
531 532	Department stores	-	1,262.4		1,297.0				1,113.2	1,196.2		
533	Mail order houses	-	130.2 328.0	119.8 322.1	148.2 340.6	129.5 313.5	_	122.5 307.7		140.7 319.8	122.2 293.2	
	•	ĺ	320.0	322,1	340.0	313.3	l	30,.,	301.3	315.0	293.2	
54 541-3	FOOD STORES	_	1,575.5		1,510.5	1,493.2			1,443.8	1,401.4	1,386.3	
741-2	Grocery, meat, and vegetable stores	-	1,395.7	1,378.5	1,334.2	1,320.6	-	1,296.0	1,278.6	1,235.8	1,224.0	
56	APPAREL AND ACCESSORIES STORES	-	666.3	654.6	656.7	638.0	-	598.2	586.6	592.3	573.9	
561	Men's and boys' apparel stores	-	109.8	108.3	108.4			99.5		97.9	93.1	
562	Women's ready-to-wear stores	<b>-</b>	244.2		243.1			221.4	213.6	220.4	215.7	
565 566	Family clothing stores	-	104.0		103.7	99.1		96.2		96.7	92.2	
<i>~</i> ~	Same Stores	-	130.3	131.3	124.8	123.0	I -	113.1	114.1	109.0	106,8	
57	FURNITURE AND APPLIANCE STORES	-	431.4	427.1	425.0			379.3		375.0	369.3	
571 58	Furniture and home furnishings	] [	275.4	273.3	273.4			241.9		241.1	237.1	
52,55,59	OTHER RETAIL TRADE	1 -	2,048.9 3,126.9		1,945.6 3,077.9				1,918.0	1,810.5	1,819.1	
52	Building materials and hardware	-	545.0	549,6	549.6	3,046.5 547.9		468.7	2,738.8 473.0	2,715.9 473.9	2,684.3 472.3	
55	Auto dealers and service stations	-	1,476.9		1,445.4				7/2.0		7,2.3	
551,2	Motor vehicle dealers	-	747.5	745.3	738.7	735.5		636.8	634.5	635.5	632.8	
		i	190.6	191.7	185.9	180.1	-	164.6	165.8	162.0	156.1	
553,9	Other vehicle and accessory dealers											
553,9 554	Gasoline service stations	-	538.8	540.6	520.8			- :	-	-	_	
553,9 554 59	Gasoline service stations	<u>-</u>	538.8 1,105.0	540.6 1,095.5	1,082.9	1,062.4	_	383 4	-	- - 375 1	368 4	
553,9 554	Gasoline service stations	- - -	538.8	540.6 1,095.5 418.4		1,062.4 404.3	<u> </u>	383.6	1	375.1	368,4	

### **ESTABLISHMENT DATA EMPLOYMENT**

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

(In thousands)

(In thousands)												
SIC			A	ll employees	•		Production workers 1					
Code	Industry	Nov. 1966	Oct. 1966	Sept. 1966	Nov. 1965	Oct. 1965	Nov. 1966	Oct. 1966	Sept. 1966	Nov. 1965	Oct. 1965	
	SHANGE WEIGHANGE AND DEAL											
	FINANCE, INSURANCE, AND REAL ESTATE 4	3,095	3,099	3,109	3,033	3,038	2,466	2,473	2,435	2,430	2,437	
60	Banking		829.9	330.6	796.8	795.5	-	691.5	692.8	666.8	665.7	
61	Credit agencies other than banks		332.9	333.6	331.5	330.9	-	264.4	265.3	265.9	266.1 79.3	
612 614	Savings and loan associations		94.2	93.8 181.9	97.1 175.3	97.6 174.9	-	75.6	75.4	79.3	79.8	
62	Security dealers and exchanges		141.2	141.7	130.1	129.3	_	124.1	124.5	114.8	114.0	
63	Insurance carriers		907.3	908.3	892.2	892.7	-	639.4	641.2	631.0	632.1	
631	Life insurance		479.8	480.8	478.9	479.5	-	278.7	279.8	279.8	280.7	
632	Accident and health insurance		65.0	63.7	54.9	54.7	-	56.5	55.4	46.7	46.7	
633 64	Fire, marine, and casualty insurance Insurance agents, brokers, and services		323.7 240.6	324.7 241.4	316.6 234.7	316.4 234.7	_	271.9	273.3	269.3	269.2	
65	Real estate		565.9	571.6	568.1	574.9	_	_	-	_		
656	Operative builders	-	38.7	40.1	46.5	48.2	-	-	-	-	-	
66,67	Other finance, insurance, and real estate	-	81.5	81.9	79.9	80.1	-	-	-	-	-	
-	SERVICES AND MISCELLANEOUS	9,731	9,745	9,707	9,245	9,263						
70	Hotelsand lodging places	l _	648.1	687.9	613.8	633.1	_	۱ ـ	_		l _	
701	Hotels, tourist courts, and motels		586.0	612,2	555.4	571.0	-	548.5	573.0	518,9	534.8	
72	Personal services			1,008.1	991.3	992.7	-	<u></u>	·	. <del>.</del>	. <del>.</del>	
721	Laundries, cleaning and dyeing plants Miscellaneous business services		555.8	552.7	547.9 1,141.3	550.2 1.135.9	-	502.7	499.7	492.9	494.8	
73 731	Advertising		1,240.9	2,227.5 114.7	111.7	112.0	_	_	-	] -	] -	
732	Credit reporting and collection agencies .		68.6	67.7	67.4	66.9	_	-	-	-	1 -	
78	Motion pictures		186.6	190.7	131.1	185.2	-	-	-	-	_	
781	Motion picture filming and distributing		55.0	52.8	51.9	51.3	-	34.8	33.8	32.1	32.0	
782,3	Motion picture theaters and services Medical and other bealth services		131.6	137.9	129.2	133.9	-	-	i -	-	-	
80 806	Hospitals		2,286.1 1,476.2		2,135.4 1,390.0	2,123.9 1,385.1	~	1 -	_	-	l <del>-</del>	
81	Legal services	-	198.8	198,6	185.8	185.2		-	-	] -	_	
82	Educational services	-	1,059.8	973.7	1,015.6	995.6	-	-	-	l <b>-</b>	_	
821	Elementary and secondary schools		343.5	326.8	342.3	335.3	-	-	i -	-	-	
822	Higher educational institutions		643.3 485.1	577.9 490.2	606.1 461.3	593.5 458.6	-	-	-	-	-	
89	Miscellaneous services		265.1	268.3	250.4	247.8	_	-	-	_	-	
891 892	Nonprofit research organizations		68.1	68.6	67.0	66.9	-	-	=	-	_	
-	GOVERNMENT	11,249	11,114	10,885	10,472	10,359					_	
1	FEDERAL GOVERNMENT 5	2,631	2,586	2,589	2,402	2,384	ļ	1			-	
	Executive	_	(*)	2,556.4	2,370.7	2,352.7	-	_	_	_	_	
	Department of Defense	-	(*)	1,042.8	956.0	949.4	-	-	-	-	-	
	Post Office Department	-	(*)	682.0	617.8	608.0	-	-	-	-	-	
	Other agencies		(*)	831.6 26.5	796.9 25.6	795.3 25.6	-	<u>-</u>	-	-	-	
	Legislative	-	(*)	6.1	5.9	5.9	-	] =	-	-	] -	
92,93	STATE AND LOCAL GOVERNMENT	8,618	8,528	8,296	8,070	7,975						
92	State government	-	2,220.8	2,147.6	2,086.1	2,066.3	-	-	-	-	-	
	Scare education	-	848.1	736.4	759.5	739.1	-	-	-	-	-	
	Other State government	-	1,372.7	1,411.2	1,326.6	1,327.2	-	-	-	~	-	
3	Local government	-	6,306.8		5,983.8	5,908.2	-	-	-	-	-	
-	Local education		3,589.2		3,361.0	3,292.3	-	-	-	-	-	
	Other local government	-	2,717.6	2,757.5	2,622.8	2,615.9	-	-	_	-	-	
		<u> </u>	<u> </u>	<u> </u>	1	l	<u> </u>	l				

<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, \*\*Tor mining and manufacturing, data felet to production and related orders, but concerns the state of the concerns of the con

"Not available.

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

### ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

1937-59=100

1919				_		Transpor-	Vholes	ale and retail	trade	Finance.	Service	G	overnment	
Year and month   TOTAL   Mining   Construction   Cuing   Unifficien   Cuing   Unifficien   Cuing   Unifficien   Cuing   Unifficien   Cuing   Unifficien   Cuing   Unifficien   Cuing   Uniform   Cuing   Cui		1		Consessor										
1920. 52.1 160.9 29.4 64.2 96.1 40.9 - 46.4 34.3 33.2 - 1922. 46.4 124.9 35.1 49.7 84.9 82.0 - 46.0 35.0 32.2 - 1922. 49.2 120.6 81.0 54.9 86.0 84.9 - 45.2 36.3 32.3 - 1923. 54.1 157.4 82.6 62.1 55.2 88.4 47.0 38.9 33.2 - 1923. 54.1 157.4 82.6 62.1 59.2 88.4 47.0 38.9 33.2 - 1924. 53.4 181.5 50.1 59.9 93.9 51.1 88.7 80.3 34.7 - 1925. 54.8 181.4 50.1 59.9 93.9 51.1 88.7 81.6 35.7 - 1925. 54.8 181.4 50.1 59.9 93.9 51.1 88.7 81.6 35.7 - 1925. 54.8 181.4 7.5 51.7 60.3 95.6 58.1 1927. 57.1 184.7 55.7 60.3 95.6 58.1 - 56.7 81.0 85.7 37.2 - 1928. 57.1 184.7 55.6 59.9 93.9 51.1 58.1 68.2 81.0 85.2 37.2 - 1929. 57.1 184.7 55.6 59.9 93.9 51.1 58.3 89.0 83.2 - 1929. 59.7 181.2 51.9 68.5 80.1 59.1 56.0 131.0 87.5 57.6 90.4 53.1 58.3 89.0 80.1 22.8 1930. 56.0 131.0 87.5 57.6 90.4 53.1 58.3 89.0 80.1 22.8 1930. 56.0 131.0 87.5 57.6 90.4 53.1 58.3 89.0 80.1 22.8 1932. 48.5 0 94.9 33.6 81.8 69.1 82.9 53.0 82.5 81.7 80.2 81.3 1932. 48.5 0 94.9 33.6 81.8 69.1 82.9 53.0 82.5 81.7 80.2 81.3 1932. 48.5 0 94.9 33.6 81.8 69.1 82.9 53.0 82.5 81.7 80.8 1933. 45.1 96.6 82.0 84.6 65.6 83.4 99.7 52.8 85.6 84.6 33.0 82.5 81.7 80.8 1933. 1933. 18.5 15.5 116.5 31.6 54.6 681.4 89.7 52.8 85.6 51.0 87.6 37.6 1933. 55.6 115.7 36.5 56.9 70.2 72.9 53.2 58.3 90.4 73.1 74.0 83.6 73.6 1938. 75.6 115.7 36.5 56.9 70.2 72.9 53.2 58.3 90.4 73.1 74.0 83.6 73.6 1938. 75.6 115.7 36.5 56.9 70.2 72.9 56.6 60.0 60.8 79.2 72.9 59.3 74.8 59.5 74.	Fear and month	TOTAL	Mining	construc-		public	Total			and real	miscel-	Total	Federal	State and local
1920. 52.1 160.9 29.4 64.2 96.1 40.9 - 46.4 34.3 33.2 - 1922. 46.4 124.9 35.1 49.7 84.9 42.0 - 45.2 36.3 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 - 1923. 54.1 157.4 42.6 62.1 95.2 48.4 47.0 38.9 33.2 - 1925. 54.8 141.4 50.1 59.9 93.9 51.1 - 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 - 1925. 54.8 141.4 50.1 59.9 93.9 51.1 - 54.0 45.7 41.6 35.7 - 1925. 54.8 141.4 75.5 69.9 93.9 93.1 - 1926. 57.1 144.7 55.6 59.9 93.9 51.1 - 54.0 45.9 37.2 - 1928. 57.1 144.7 55.6 59.9 93.9 51.1 - 54.0 45.9 37.2 - 1928. 57.1 144.7 55.6 59.9 93.9 51.1 - 54.0 45.9 37.2 - 1929. 57.1 144.7 55.6 59.9 93.9 53.8 - 56.7 41.0 45.9 37.2 - 1929. 59.7 144.2 51.9 64.5 96.1 56.0 56.0 131.0 47.5 57.6 90.4 53.1 - 54.0 45.9 37.2 - 1929. 59.0 131.0 47.5 57.6 90.4 53.1 - 58.3 49.0 40.1 22.8 1930. 56.0 131.0 47.5 57.6 90.4 53.1 - 58.3 49.0 40.1 22.8 1933. 45.1 96.0 49.9 33.6 41.8 69.1 42.9 - 53.0 42.5 41.1 52.2 1933. 45.1 96.6 26.0 44.6 65.6 43.5 - 51.2 41.7 40.4 55.5 1934. 49.9 33.6 41.8 69.1 42.9 - 53.0 42.5 41.1 52.2 1933. 45.1 96.6 50.0 44.6 65.6 68.4 49.7 - 52.8 45.6 44.1 52.2 1937. 59.1 131.8 36.5 65.0 76.9 77.4 - 54.0 45.9 13.4 74.0 45.5 51.9 131.8 36.5 65.0 76.9 77.4 - 56.6 51.0 47.9 37.6 1933. 55.6 115.7 36.5 56.9 70.2 56.6 60.8 46.0 44.6 66.8 49.7 - 56.6 51.0 47.9 37.6 1933. 55.6 115.7 36.5 56.9 70.2 56.6 60.8 60.7 59.2 72.9 53.2 - 54.9 49.2 45.9 57.4 49.5 57.6 193.0 55.6 115.7 36.5 56.9 70.2 56.6 60.8 60.7 70.9 77.4 - 56.6 51.0 59.4 79.9 37.6 1933. 55.6 115.7 36.5 56.9 70.2 56.6 60.8 60.7 70.9 77.4 5.0 56.9 70.2 56.6 70.9 70.2 56.6 70.9 70.2 56.6 70.9 70.2 56.6 70.9 70.2 56.6 70.9 70.2 56.6 70.9 70.2 56.6 70.9 70.2 56.6 70.9 70.2 56.6 70.9 70.2 56.6 70.9 70.2 56.6 70.9 70.2 56.6 70.9 70.2 56.0 60.0 60.8 59.2 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9		53.6	167 1	35.L	64.2	93.0	41.3	_	l <u> </u>	42.0	32.8	34.1		_
				30.1				_	1		34.3		-	i
				1 35.T				l .						_
1973   1874   1876   1826   62.1   95.2   1884   -   -   1870   38.9   33.2   -							hh.0	_	i		36.3	32.3	1	-
18							48.4		l .		38.9		1	-
955. 54.8 11.4 50.1 59.9 93.9 51.1 18.7 11.6 15.7 58.6 153.9 53.9 61.2 56.7 53.0 51.6 14.2 36.3 3 - 26.6 58.8 153.9 53.9 61.2 56.7 53.0 51.6 14.2 36.3 3 - 26.6 57.1 136.4 55.6 59.9 93.9 53.8 56.7 147.4 36.2 - 57.1 136.4 55.6 59.9 93.9 53.8 56.7 147.4 36.2 - 57.1 136.4 55.6 59.9 93.9 53.8 56.7 147.4 36.2 - 59.0 141.2 51.9 64.5 56.0 131.0 147.5 57.6 59.4 59.4 59.1 59.1 58.3 149.9 140.1 23.8 159.0 56.0 131.0 147.5 57.6 59.4 159.1 58.3 149.9 140.1 23.8 1591.1 50.7 113.4 142.1 149.2 79.8 180.4 55.6 16.2 141.6 25.3 1592.2 145.0 149.9 33.6 14.8 69.1 142.9 53.0 142.5 141.1 25.2 1593.3 145.1 56.6 28.0 144.6 65.6 143.5 51.2 141.7 160.4 25.5 1593.3 145.1 16.5 31.6 54.6 68.4 149.7 52.8 145.6 14.8 140.4 25.5 1595.5 116.5 11	-	1								ļ	1		}	
1986								i .	1					-
1977   156.4   55.7   60.3   55.6   54.1   -								1	-			1 35.7	l .	
10   10   10   10   10   10   10   10								1	1 -					
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130   56.0   131.0   47.5   57.6   50.h   53.1   -   -   58.3   49.0   40.1   23.8   231.1   50.7   113.h   42.1   49.2   79.8   48.4   -   -   55.6   46.2   41.6   25.3   232.2   45.0   94.9   33.6   41.8   69.1   42.9   -     -   53.0   42.5   41.1   25.2   233.3   45.1   96.6   28.0   44.6   65.6   43.5   -     -   51.2   41.7   40.4   25.5   234.1   49.4   114.7   29.9   51.2   67.5   48.4   -     -   52.8   45.6   44.8   34.0   29.5   395.5   55.5   122.9   39.7   39.2   72.9   73.2   -     53.2   45.6   45.6   44.4   34.0   396.   55.4   122.9   39.7   39.2   72.9   77.4   -     -   52.8   45.6   44.8   34.0   396.   55.6   115.7   36.5   56.9   70.2   56.6   -     56.6   51.0   47.9   37.6   398.   55.6   115.7   36.5   56.9   70.2   56.6   -     56.3   50.4   49.5   37.4   399.   58.3   110.9   39.8   61.9   72.0   58.8   58.1   59.1   57.8   51.0   50.9   40.9   39.0   61.6   120.1   44.8   66.2   74.5   61.8   60.6   62.3   59.4   53.4   53.6   45.0   39.4   69.6   124.3   62.0   79.5   80.3   66.0   64.7   66.5   61.2   56.9   59.4   60.5   69.4   128.8   75.2   92.1   84.9   65.2   62.9   60.0   60.8   59.2   59.9   100.0   94.3   80.8   120.1   54.3   106.0   89.5   63.9   60.1   65.3   59.4   60.2   77.5   131.2   944   79.7   115.8   37.9   104.4   93.9   64.6   60.8   66.0   66.3   59.2   69.9   100.0   69.6   79.3   111.9   57.5   88.6   99.6   76.7   75.6   67.1   67.1   68.4   77.3   101.8   69.8   94.8   99.0   85.9   84.5   73.4   76.3   74.6   86.2   77.5   80.8   94.8   99.0   85.9   84.5   73.4   76.3   74.6   86.2   77.5   7	8	57.1	136.4	22.0	79.9	93.9	75.0	-	•	30.7	71.7	30.2	1	_
930	29	59.7	141.2	51.9	64.5			-	-			39.1		45.0
931			131.0			90.4		-	<b> </b> -					46.6
932.				42.1		79.8		-	-			41.6	25.3	48.0
933					41.8	69.1	42.9	-	-	53.0	42.5	41.1	25.2	47.3
935. 51.5 116.5 31.6 54.6 68.4 49.7 52.8 45.6 44.4 34.0 936. 55.4 122.9 39.7 59.2 72.9 53.2 - 54.9 48.2 46.7 37.3 937. 59.1 131.8 38.5 65.0 76.9 57.4 - 56.6 51.0 47.9 37.6 938. 55.6 115.7 36.5 56.9 70.2 56.6 - 56.3 50.4 49.5 37.4 939. 55.6 115.7 36.5 56.9 70.2 56.6 - 56.3 50.4 49.5 37.4 939. 58.3 110.9 39.8 61.9 72.0 58.8 58.1 59.1 57.8 51.0 50.9 40.9 940. 61.6 120.1 44.8 66.2 74.5 61.8 60.6 62.3 59.4 53.4 53.6 45.0 941. 69.6 124.3 62.0 79.5 80.3 66.0 64.7 66.5 61.2 56.9 59.4 60.5 942. 76.4 128.8 75.2 92.1 84.9 65.2 62.9 66.0 60.8 59.2 69.9 100.0 943. 80.8 120.1 54.3 106.0 89.5 63.9 60.1 65.3 59.4 60.2 77.5 131.2 944. 79.7 115.8 37.9 104.4 93.9 64.6 60.8 66.0 58.3 60.4 77.0 132.2 945. 76.9 108.6 39.2 93.5 95.8 67.0 64.3 67.9 59.2 61.5 75.8 126.8 947. 83.5 124.0 68.7 93.7 102.2 82.0 81.5 82.2 69.3 73.2 69.8 85.5 948. 85.5 129.1 75.1 93.9 102.8 84.9 85.9 84.5 72.3 75.5 72.0 84.1 99.9 85.9 86.9 85.6 75.0 87.0 98.2 84.8 85.1 117.0 80.8 91.8 99.0 85.9 86.9 85.6 75.8 78.7 78.9 81.4 104.0 952. 99.1 120.6 90.2 98.8 103.7 89.2 90.0 88.9 78.7 80.9 81.4 104.0 952. 99.1 120.6 90.2 98.8 103.7 89.2 90.0 88.9 78.7 80.9 81.4 104.0 1952. 99.5 99.0 106.6 91.2 100.2 104.2 91.6 92.8 91.2 81.8 85.1 84.7 104.1 99.5 953. 955. 96.5 99.4 96.0 94.8 85.1 84.7 104.1 99.5 955. 96.5 99.4 96.0 94.8 82.7 99.8 9555. 99.8 100.7 100.7 101.5 101.6 96.5 96.5 99.4 96.0 94.8 82.7 99.8 9555. 99.8 100.7 100.7 101.5 10			96.6		44.6	65.6	43.5	-	-		41.7	40.4	25.5	46.2
10	<b></b>	101	111. 7	20.0	51.2	67.5	Pe F	_	_	52.1	hh.h	P5-0	20.1	47.0
936. 55.4 122.9 39.7 59.2 72.9 53.2 - 54.9 48.2 46.7 37.3 1937. 5936. 55.4 122.9 39.7 59.2 72.9 53.2 - 54.6 51.0 47.9 37.6 1938. 55.6 115.7 36.5 56.9 70.2 56.6 - 56.6 51.0 47.9 37.6 1938. 55.6 115.7 36.5 56.9 70.2 56.6 - 56.3 50.4 49.5 37.4 1938. 55.6 115.7 36.5 56.9 70.2 56.6 - 56.3 50.4 49.5 37.4 1938. 53.6 49.5 37.4 1938. 55.6 115.7 36.5 56.9 70.2 56.6 - 56.3 50.4 49.5 37.4 1938. 53.6 49.5 53.4 53.6 45.0 1938. 59.1 59.4 53.4 53.6 45.0 1949. 59.0 100.0 1949. 100.0 194								1 _	l		1			48.4
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938				39.7										51.9
339.       58.3       110.9       39.8       61.9       72.0       58.8       58.1       59.1       57.8       51.0       50.9       40.9       940.       61.6       120.1       44.8       66.2       74.5       61.8       60.6       62.3       59.4       53.4       53.6       45.0       94.0	)[	29.1		30.5				1	•					54.2
940. 61.6 120.1 12	,0	22.0	щ>.7	30.5	70.9	10.2	70.0	]	-	70.5	,0.4		31.4	-
940	39	58.3	110.9	39.8	61.9	72.0			59.1	57.8			40.9	54.9
941	10	61.6			66.2	74.5	61.8		62.3	59.4	53.4		45.0	56.9
942					79.5	80.3	66.0	64.7	66.5	61.2	56.9		60.5	58.9
943							65.2	62.9				69.9		58.1
945.         76.9         108.6         39.2         93.5         95.8         67.0         64.3         67.9         59.2         61.5         75.8         126.8							63.9	60.1		59.4	60.2	77.5	131.2	56.4
10		79.7	115.8	37. O	104.4	93.0	64.6	60.8	66.0	58.3	60.4	77.0	132.2	55-3
346       79.3       111.9       57.5       88.6       99.6       76.7       75.6       77.1       67.1       68.4       71.3       101.8       69.8       85.5       69.8       85.5       69.8       85.5       69.8       85.5       69.8       85.5       69.8       85.5       69.8       85.5       69.8       85.5       69.8       85.5       72.3       75.5       72.0       84.1       69.8       85.9       84.5       72.3       75.5       72.0       84.1       69.8       85.5       72.3       75.5       72.0       84.1       66.2       77.8       75.6       77.8       75.6       77.1       75.6       77.1       75.6       77.1       75.6       77.1       67.0       89.8       85.9       84.5       72.3       75.5       72.0       84.1       69.8       85.9       84.5       73.4       76.3       74.6       86.2       75.8       76.1       76.8       87.1       76.8       87.1       76.8       87.1       104.0       99.2       98.8       103.7       89.2       90.0       88.9       78.7       80.9       81.4       104.0       99.5       88.2       99.0       89.2       90.0       88.9       99.0	45	76.9												55-7
947					88.6									59.3
948     85.5     129.1     75.1     93.9     102.8     84.9     85.9     84.5     72.3     75.5     72.0     84.1     6.2       949     83.4     120.8     75.0     87.0     98.2     84.8     85.9     84.5     73.4     76.3     74.6     86.2     250.       950     86.1     117.0     80.8     91.8     99.0     85.9     85.6     75.8     78.1     76.3     76.6     87.1     76.8     87.1     7														63.6
17.0   86.1   117.0   80.8   91.8   99.0   85.9   86.9   85.6   75.8   78.1   76.8   87.1   105.0   105.0   106.0														67.2
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														140.6
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966: 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 14		118.9	82.5					117.1	119.9	120.6	135.8	133.0	109-4	142.3
February 118.9 82.5 114.9 111.9 100.4 119.1 117.1 119.9 120.6 135.8 133.0 109.4 14 14 14 14 14 14 14 14 14 14 14 14 14								117.5	120.1		136.5	134.1		173.3
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   14								118.2	120.4	121.1	137.2	135.5	111.9	143.3 144.8
120.0   120.0   11.5   115.4   114.0   100.9   120.2   118.6   120.8   121.3   137.5   136.4   113.0   14			77.3					118.6	120.8	121.3	137.5	136.4		145.7
										121.6	138.0			146.3
	June	121.8	82.1	114.3	115.5	101.6	121.0	119.8	121.5	122.1				147.6
	July	122.0	82.6	114.2	115.2	101.1	121.4	120.3		122.3	( I			14 <b>7.</b> 9
August 122.2 82.6 112.6 116.1 100.7 121.5 120.3 121.9 122.5 139.9 139.1 117.0 11				112,6										147.8
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NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

# ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

					(In thousan	ds)							
Industry division and group	Nov. 1966	0et. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965
TOTAL	64,699	64,428	64,168	64,199	64,072	63,983	63,517	63,350	63,247	62,811	62,469	62,241	61,864
										•			
MINING	623	625	628	636	636	632	628	595	637	634	635	633	631
CONTRACT CONSTRUCTION	3,191	3,203	3,228	3,251	3,297	3,300	3,238	3,333	3,419	3,323	3,318	3,33 <sup>4</sup>	3,234
MANUFACTURING	19,408	19,315	19,204	19,262	19,128	19,167	19,002	18,923	18,840	18 <b>,7</b> 22	18,566	18,492	18,392
DURABLE GOODS	11,423	11,386	11,322	11,324	11,210	11,220	11,122	11,065	11,007	10,911	10,805	10,725	10,641
Ordnance and accessories.  Lumber and wood products Furniture and fixtures Stone, clay, and glass products Primary metal industries. Fabricated metal products. Machinery Electrical equipment Transportation equipment Instruments and related products Miscellaneous manufacturing.	269 606 463 635 1,353 1,376 1,918 1,967 1,953 439	266 606 460 634 1,352 1,363 1,911 1,962 1,952 438 442	262 609 459 633 1,341 1,357 1,943 1,945 432 440	260 621 462 637 1,351 1,360 1,901 1,948 1,910 431 443	257 622 456 643 1,338 1,346 1,888 1,903 1,888 430 439	257 628 458 641 1,333 1,348 1,865 1,904 1,915 428 443	253 623 456 643 1,315 1,341 1,846 1,877 1,901 424 443	249 633 451 647 1,307 1,345 1,827 1,860 1,887 418	245 642 451 649 1,300 1,344 1,818 1,824 1,881 415 438	243 633 448 646 1,295 1,332 1,810 1,853 412 434	238 638 446 648 1,290 1,322 1,797 1,773 1,819 406 428	1,310 1,786 1,751	234 618 437 635 1,280 1,304 1,779 1,727 1,795 397 435
NONDURABLE GOODS	7,985	7,929	7,882	7,938	7,918	7,947	7,880	7,858	7,833	7,811	7 <b>,7</b> 61	7,767	7,751
Food and kindred products Tobacco manufactures Textile-mill products Apparel and related products Paper and allied products Printing and publishing Chemicals and allied products Petroleum and related products. Rubber and plastic products Leather and leather products	1,779 86 954 1,405 683 1,042 970 183 529 354	1,753 78 950 1,402 676 1,039 970 182 524 355	1,737 79 952 1,390 670 1,035 965 182 517 355	1,765 80 957 1,395 677 1,035 968 184 520 357	1,763 85 955 1,388 679 1,031 963 186 518 350	1,760 86 957 1,424 674 1,026 961 183 515 361	1,748 85 952 1,412 665 1,018 945 183 508 364	1,757 86 950 1,396 664 1,017 937 182 506	1,767 86 948 1,386 662 1,009 936 181 500 358	1,762 85 945 1,384 661 1,007 932 181 496 358	1,758 85 942 1,356 657 1,003 927 182 494	1,758 86 939 1,381 654 997 924 182 492 354	1,776 85 935 1,370 650 995 919 182 486 353
TRANSPORTATION AND PUBLIC UTILITIES	4,180	4,163	4,168	4,105	4,122	4,143	4,132	4,114	4,109	4,105	4,091	4,083	4,080
WHOLESALE AND RETAIL TRADE.	13,355	13,331	13,268	13,264	13,256	13,217	13,164	13,128	13,085	13,045	13,009	12,941	12,880
WHOLESALE TRADE	3,500 9,855	3,486 9,845	3,474 9,794	3,483 9,781	3,483 9,773	3,470 9,747	3,445 9,719	3,434 9,694	3,422 9,663	3,404 9,641	3,391 9,618	3,378 9,563	3,367 9,513
FINANCE, INSURANCE, AND REAL ESTATE	3,107	3,102	3,100	3,100	3,095	3,090	3,076	3,068	3,064	3,051	3,052	3,049	3,045
SERVICE AND MISCELLANEOUS	9,770	9 <b>,7</b> 06	9,649	9,647	9,609	9,549	9,515	9,484	9,463	9,410	9,363	9,329	9,282
GOVERNMENT	11,065	10,983	10,923	10,934	10,929	10,885	10,762	10,705	10,630	10,521	10,435	10,380	10,320
FEDERALSTATE AND LOCAL	2,608 8,457	2,589 8,394	2,594 8,329	2,610 8,324	2,601 8,328	2,571 8,314	2,523 8,239	2,501 8,204	2,477 8,153	2,451 8,070	2,423 8,012		2,400 7,920

# ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

			(10	thousand	5)								
Major industry group	Nov. 1966	0ct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965
MANUFACTURING	14,441	14,358	14,268	14,330	14,201	14,281	14,154	14,100	14,048	13,967	13 <b>,</b> 833	13,779	13,706
DURABLE GOODS:	8,470	8,445	8,395	8,395	8,293	8,328	8,261	8,226	8,190	8,123	8,033	7,973	7,905
Ordnance and accessories	131	1 <b>2</b> 8	126	124	122	120	118	114	112	110	106	100	101
Lumber and wood products, except furniture	527	5 <b>2</b> 8	531	542	543	550	546	554	563	556	557	549	542
Furniture and fixtures	383	381	380	382	378	381	379	374	375	372	370	367	362
Stone, clay, and glass products	506	508	507	512	515	515	516	521	525	520	525	516	509
Primary metal industries	1,105	1,104	1,092	1,100	1,090	1,086	1,070	1,066	1,058	1,055	1,051	1,044	1,043
Fabricated metal products	1,073	1,062	1,055	1,060	1,043	1,048	1,046	1,049	1,047	1,039	1,029	1,020	1,015
Machinery	1,355	1,348	1,339	1,338	1,331	1,312	1,299	1,284	1,278	1,274	1,262	1,256	1,250
Electrical equipment and supplies	1,369	1,364	1,350	1,353	1,320	1 <b>,3</b> 27	1,308	1,297	1,268	1,260	1,233	1,216	1,195
Transportation equipment,	1,389	1,391	1,389	1,353	1,324	1,358	1,351	1,344	1,344	1,323	1,296	1,290	1,284
Instruments and related products	279	280	277	278	277	276	273	270	269	266	261	258	255
Miscellaneous manufacturing industries	353	351	349	353	350	355	355	353	351	348	343	357	349
NONDURABLE GOODS	5,971	5,913	5,873	5,935	5,908	5,953	5,893	5,874	5,858	5,844	5,800	5,806	5,801
Food and kindred products	1,188	1,158	1,145	1,170	1,165	1,166	1,154	1,163	1,174	1,169	1,163	1,163	1,182
Tobacco manufactures	73	66	67	68	73	74	73	74	74	73	73	73	72
Textile mill products	851	847	848	856	850	854	850	847	846	843	842	838	835
Apparel and related products	1,249	1,247	1,234	1,239	1,232	1,268	1,257	1,239	1,230	1,231	1,204	1,229	1,220
Paper and allied products	533	525	520	528	530	525	519	518	515	514	512	509	506
Printing, publishing, and allied industries	660	660	657	659	656	654	648	647	642	641	639	633	633
Chemicals and allied products	580	5777	575	582	577	578	564	559	560	558	555	553	551
Petroleum refining and related industries	115	114	114	115	115	115	113	113	112	113	113	113	113
Rubber and miscellaneous plastic products	413	409	403	406	403	403	396	395	390	387	386	384	<b>37</b> 9
Leather and leather products	309	310	310	312	307	316	319	319	315	315	313	311	310

### ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

Table 8-7: Employees on nonagricultural payrolls

(In thousands)

-			TOTAL			Mining		Contr	act constru	ction	,	Venufecturin	g
	State and area	0ct. 1966	Sept. 1966	0et. 1965	0et. 1966	Sept. 1966	0ct. 1965	0et. 1966	Sept. 1966	0ct. 1965	0et. 1966	Sept. 1966	0et. 1965
1 2 3 4 5	ALABAMA Birmingham Huntsville Mobile Montgomery Tuscaloosa	923.0 219.6 78.9 101.7 63.9 32.3	923.1 220.0 80.0 101.4 64.4 32.2	896.2 213.6 78.1 105.6 61.7 31.2	8.6 4.1 (1) (1) (1) (1)	8.6 4.1 (1) (1) (1)	8.7 4.2 (1) (1) (1)	58.4 13.0 3.6 5.7 5.4 1.8	59.8 13.4 4.1 5.5 5.5 1.9	55.5 13.2 4.3 6.1 5.1	289.1 65.8 13.4 21.3 9.5 8.8	289.1 66.1 13.4 20.7 9.5 8.8	278.6 62.4 13.8 22.4 9.2 8.5
7	ALASKA	74.6	78.6	73•4	1.2	1.3	1.1	7•5	8.8	7.8	6.0	6.8	5•9
8 9 10	ARIZONAPhoenix	437•7 258•5 82•7	431.1 253.7 81.3	413.4 240.5 77.1	16.6 .2 4.1	16.8 .2 4.1	15•7 •2 3•5	24.2 13.5 5.8	24.4 13.6 5.9	24.4 13.7 5.2	80.2 62.7 8.4	79.2 62.0 8.1	68.7 53.8 6.1
11 12 13 14 15	ARKANSAS Fayetteville 2 Fort Smith Little Rock-North Little Rock Pine Bluff 2	489.0 23.7 37.6 103.1 23.2	486.8 23.5 37.5 103.2 23.3	468.0 21.2 38.2 100.7 23.2	(1) (1) (1) (1)	4.5 (1) .4 (1) (1)	(1) (1) (1) (1)	31.6 1.3 1.9 8.2 1.8	32.2 1.4 1.9 8.5 2.0	30.1 1.1 2.1 8.9 1.9	148.1 7.8 13.1 20.3 5.5	146.8 7.9 12.9 20.3 5.6	137.8 6.9 13.2 19.5 5.6
16 17 18 19 20 21 23 24 25 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30	CALIFORNIA Anaheim-Santa Ana-Garden Grove Bakersfield Fresno Los Angeles-Long Beach Oxnard-Ventura. Sacramenro San Bernardino-Riverside-Ontario San Diego San Francisco-Oakland San Jose San Jose Santa Barbara Santa Barbara Santa Rosa Santa Rosa Vallejo-Napa	330.3 85.3 109.2 2,626.1 75.5 246.7 255.7 292.5	6,182.8 329.5 85.0 109.5 2,612.0 75.4 248.0 254.1 1,13.7 71.0 44.5 86.0 61.6	5,916.4 299.1 83.8 103.9 2,514.7 72.7 237.8 243.4 272.4 1,104.0 280.2 66.7 42.4 80.8 57.3	33.1 2.0 7.8 1.0 9.8 2.4 1.6 3.3 1.3 1.2	33.2 2.0 7.8 1.0 9.9 2.3 2.4 1.6 3 1.3 1.3	32.2 1.8 7.8 1.1 10.2 2.3 2.1 1.7 .2 1.0	312.7 20.9 3.9 5.9 111.5 3.5 13.8 14.0 64.8 15.3 4.1 2.5 3.9 2.4	319.2 21.9 3.9 5.9 113.1 3.6 14.1 14.6 65.6 4.3 2.7 3.9	331.2 20.5 4.0 6.0 118.3 4.4 15.8 15.3 69.4 4.1 3.4 4.1 2.7	1,536.2 110.3 9.0 18.0 822.8 12.0 30.3 47.6 58.0 208.4 107.5 10.1 7.2 17.2	1,553.3 109.4 8.9 18.8 820.6 12.3 31.6 47.6 57.1 212.0 113.3 10.22 7.6 19.5 7.5	1,454.1 98.4 9.1 17.0 771.2 12.5 32.4 42.5 51.1 203.2 91.1 10.2 6.5 17.9 5.9
31 32	COLORADO	(3) (3)	634.4 395.2	600.7 376.7	(3) (3)	13.2 3.5	12.9 3.5	(3) (3)	41.8 26.1	38.9 23.6	(3) (3)	98.6 70.9	94.2 65.6
33 34 35 36 37 38 39	CONNECTICUT Bridgeport Hartford New Britain New Haven Stamford Waterbury	1,106.1 147.0 292.5 45.5 145.9 70.5 75.2	1,102.0 146.1 290.7 45.3 145.3 70.1 75.0	1,049.3 141.4 276.0 43.3 143.4 67.6 72.6	(4) (4) (4) (4)	) 3333333 333333	(#) (#) (#) (#) (#)	54.5 6.1 14.0 1.9 8.9 3.9 2.6	55.4 6.2 14.5 1.9 9.2 3.9	53.5 6.2 13.6 1.9 9.2 4.0 2.6	476.8 76.7 111.5 25.1 48.0 24.9 40.1	474.5 76.2 110.8 25.1 47.6 24.8 39.7	446.3 71.5 100.4 23.7 45.9 22.6 38.4
40 41	DELAWARE	189•2 169•5	189•7 170•2	184.5 165.5	<b>(</b> 1)	<b>{</b> 1}	<b>{</b> 1}	14.0 11.6	14.3 11.9	14.5 11.9	70.4 67 <b>.</b> 2	70.9 67.7	67 <b>.</b> 8 64 <b>.</b> 8
42 43	DISTRICT OF COLUMBIA 5 Washington SMSA	(3) (3)	649.5 986.9	624 <b>.</b> 2 945 <b>.</b> 8	(3) (3)	(1) (1)	(1) (1)	(3) (3)	26.3 73.9	27.0 74.0	(3) (3)	21.3 42.6	21.0 41.1
44 45 46 47 48 49 50 51	FLORIDA Fort Lauderdale-Hollywood Jacksonville Miami Orlando Pensacola Tampa-St. Petersburg West Palm Beach	1,711.9 111.4 165.9 367.8 110.2 58.3 245.9 80.1	1,685.8 109.3 164.7 365.1 107.5 58.3 243.7 78.5	1,635.6 105.7 162.2 360.5 102.3 56.4 233.9 73.9	10.9 (1) (1) (1) (1) (1) (1) (1)	11.0 (1) (1) (1) (1) (1) (1) (1)	10.1 (1) (1) (1) (1) (1) (1) (1)	143.4 14.2 10.5 24.9 9.0 4.4 18.8 8.8	143.4 14.2 10.6 24.0 9.1 4.4 19.0 8.6	146.4 15.3 11.0 23.8 9.0 4.2 18.9 8.4	268.4 13.0 23.3 55.9 19.5 14.4 45.1 14.7	263.5 12.6 22.8 55.2 19.1 14.4 44.6	251.7 11.7 22.5 54.4 17.2 14.6 41.4 14.1
52 53	GEORGIA Atlanta	1,324.2 498.3	1,318.2 495.2	1,275.2 485.9	5.4 (1)	5.4 (1)	4.6 (1)	66.5 24.0	66.2 22.8	75•5 30•4	426.1 117.0	427.0 117.0	408.4 111.1

## ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

### for States and selected areas, by industry division

#### (in thousands)

	nsportation ublic utilit		Wholes	ale and retai	il trade		nce, insura		Servic	e and miscel	laneous		Governmen		Π
Oct.	Sept.	Oct.	Oct.	Sept.	0et.	Oct.	Sept.	Oct.	Oct.	Sept.	Oct.	Oct.	Sept.	Oct.	1
51.0 16.1 2.1 9.0 4.3 1.2	1966 51.1 16.1 2.1 9.0 4.2 1.2	1965 51.5 16.6 2.0 9.5 4.2 1.2	1966 171.1 49.4 10.8 23.4 14.0 5.5	1966 170.8 49.1 11.0 23.3 14.2 5.5	1965 166.9 49.4 11.5 23.0 13.7 5.4	1966 37.1 15.4 2.1 4.3 4.3	1966 36.9 15.5 2.2 4.3 4.4	1965 36.4 15.2 1.9 4.4 4.2	1966 117.3 28.1 18.6 15.2 9.7 3.1	1966 117.4 28.1 19.0 15.3 9.7 3.1	1965 116.3 27.5 18.7 15.1 9.6 3.1	1966 190.4 27.7 28.3 22.8 16.7 11.0	1966 189.4 27.6 28.2 23.3 16.9 10.8	1965 182.3 25.1 25.9 25.1 15.7 10.2	1 2 3 4 56
7.4	7.7	7.5	11.0	11.4	10.6	2•3	2•3	2,2	8.1	8.3	7.9	31.1	32.0	30.4	7
26.2 14.7 5.1	26.3 14.7 5.1	24.8 13.5 5.0	99.0 61.7 18.0	97.8 60.6 17.7	95.2 58.8 17.9	22.5 16.4 3.5	22.4 16.3 3.5	21.8 15.8 3.5	67.7 40.9 14.0	66.2 39.6 13.8	67.1 38.9 13.7	101.3 48.4 23.8	98.0 46.7 23.1	95•7 45•8 22•2	8 9 10
32.6 1.9 2.7 9.0 2.9	9.1	31.8 1.6 2.7 8.8 2.9	99.2 4.8 7.8 22.5 4.1	98.9 4.7 7.9 22.4 4.1	97.3 4.5 8.0 22.1 4.2	19.1 .6 1.2 8.0	19.2 .6 1.2 7.9 .8	18.2 .5 1.2 7.5 .8	64.1 2.5 5.4 15.1 2.9	64.1 2.5 5.5 15.0 2.9	60•7 2•3 5•5 14•8 2•8	89.8 4.8 5.2 20.0 5.1	89.3 4.6 5.2 20.0 5.1	87.4 4.3 5.2 19.0 5.0	11 12 13 14 15
410.7 11.00 6.4 158.2 17.5 16.2 117.7 14.7 3.3 2.7 7.0 3.4	6.2 8.2 158.2 3.8 18.3 17.6 16.5 118.6 14.4 3.3 2.7 7.2	395.4 10.1 6.0 8.0 150.3 3.5 17.6 16.9 15.2 111.7 12.6 6.6 3.0	1,333.9 71.4 19.3 30.0 571.2 17.0 55.4 63.7 244.2 544.8 10.8 19.0 10.3	1,341.3 71.6 19.4 30.7 570.2 17.2 50.5 55.1 64.4 244.0 16.3 10.8	1,290.3 64.1 18.9 29.6 555.2 16.2 48.5 52.1 59.8 237.1 51.0 15.4 10.3 18.7	330.4 13.9 2.7 4.9 149.5 2.4 9.3 13.5 81.4 11.0 2.7 3.6 1.7	330.9 14.0 2.7 4.9 149.5 2.4 9.9 9.4 13.6 81.5 11.0 2.7 3.6 1.7	322.7 13.5 2.8 4.7 146.8 2.3 9.3 13.3 80.6 10.8 2.8 3.4 2.6 1.8	1,001.7 50.7 11.8 17.3 44.6 10.3 29.0 44.0 51.8 182.9 16.3 6.7 11.2	9%.9 50.8 11.5 16.9 142.2 10.3 129.5 42.7 53.8 182.8 16.9 11.1	952.2 44.6 11.8 16.5 424.3 9.8 27.9 40.5 48.3 172.5 14.6 6.3 10.9	1,224.2 50.1 24.8 23.7 358.5 24.2 95.1 66.0 74.9 245.3 50.8 17.2 11.1 23.3 28.0	1,195.6 48.7 24.6 23.1 348.3 23.5 74.3 243.0 49.6 16.7 10.0 23.0 27.7	1,138.3 46.1 23.4 21.0 338.4 21.7 84.7 64.2 69.0 227.8 15.5 9.6 19.9 26.5	16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
(3) (3)	46.6 <b>3</b> 2.1	44.7 30.7	(3) (3)	145.0 97.6	141.3 94.5	(3) (3)	31.7 24.1	31.0 23.7	(3) (3)	101.2 66.9	96.2 64.3	(3) (3)	156.3 74.0	141.5 70.8	31 32
48.5 5.9 10.2 2.0 13.1 2.7 2.9	10.2	46.7 5.5 9.6 1.9 13.2 2.8 2.8	196.5 25.5 53.6 7.0 28.0 15.5 11.4	194.7 25.2 52.2: 6.9 27.7 15.0	187.0 25.6 52.1 6.6 27.5 15.3 11.1	62.0 4.3 35.8 1.0 7.3 3.1 1.9	61.9 4.3 35.9 1.0 7.3 3.0	59.2 4.2 35.1 1.0 7.2 3.0 1.8	144.8 16.6 36.7 4.4 26.1 13.8 8.8	145.6 16.6 36.3 4.3 26.1 14.0 8.8	139.7 16.7 35.3 4.3 26.0 13.6	123.1 11.9 30.7 4.2 14.6 6.7 7.5	121.5 11.8 30.8 4.2 14.4 6.7 7.6	116.9 11.6 30.0 3.9 14.4 6.4 7.2	33 34 35 36 37 38 39
10.8 9.2	10.8 9.1	10.8 9.3	35•9 <b>3</b> 0•8	35•7 30•7	34.6 29.7	7.4 6.7	7•4 6•7	7.1 6.4	24.5 22.0	24.6 22.1	24.2 21.7	26.2 22.0	26.0 22.0	25.5 21.7	40 41
(3) (3)	32.2 53.3	31.2 50.8	(3) (3)	88.4 184.5	89.4 183.1	(3) (3)	32.9 61.6	31.9 57.5	(3) (3)	119.0 199.3	114.9 188.1	(3) (3)	329.4 371.7	308.8 351.2	42 43
117.4 6.7 17.0 39.5 6.2 3.1 16.8 3.8	117.0 6.2 16.9 39.5 6.1 3.1 16.7 3.7	113.0 6.2 16.8 38.1 5.8 3.2 16.5 3.7	454.6 32.0 45.8 98.3 33.3 12.3 71.0 19.6	439.2 31.4 45.3 97.5 31.3 12.2 69.5 19.1	433.7 29.6 45.3 97.7 30.8 11.9 67.9	99.9 7.8 15.1 25.1 7.2 2.2 14.5 4.8	99.5 7.9 15.0 25.0 7.2 2.2 14.5 4.8	98.2 7.3 14.6 25.0 7.0 2.2 14.0	289.6 19.4 23.6 74.8 18.1 6.2 40.4 13.6	288.1 18.9 23.7 74.5 17.9 6.4 39.9 12.7	278.5 19.1 23.9 74.6 17.2 5.9 38.6 12.4	327.7 18.3 30.6 49.3 16.9 15.7 39.3 14.8	324.1 18.1 30.4 49.4 16.8 15.6 39.5 15.0	304.0 16.5 28.1 46.9 15.3 14.4 36.6	44 45 46 47 48 49 50
89.1 47.2	89.3 47.2	85.6 45.8	281.0 131.8	277.9 130.4	267.0 126.9	62.5 35.4	62 <b>.</b> 5 35 <b>.</b> 5	60.9 35.0	148.6 69.4	148.3 69.5	146.8 68.8	245.0 73.5	241.6 72.8	226.4 67.9	52 53

### ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(in thousands)

	State and area		TOTAL			Mining		Comb	act construc	tion	]	Manufacturin	8
	State and area	0ct. 1966	Sept. 1966	0et. 1965	0et. 1966	Sept. 1966	0et. 1965	0et. 1966	Sept. 1966	0ct. 1965	0et. 1966	Sept. 1966	0ct. 1965
1 2	GEORGIA (continued)	(3)	77.4	74•3	(3)	(1)	{1	( <u>3)</u>	5.4	7.1	(3)	29.5	27.9
	Augusta	58.3	58.1	57•8	(1)	(1)	1	3.7	3.5	3.7	15.8	16.1	15.7
3 4	HAWAII	227.4 193.0	228.9 194.3	215.9 182.0	{1 1}	{1 1}	<b>(</b> 1)	18.0 15.5	18.3 15.8	18.0 15.3	21.5 14.7	22.0 15.1	21.5 14.6
5	IDAHO	191.7	193•3	185.5	3 <b>.</b> 6	3.6	3•5	12.7	13.4	12 <b>.7</b>	37•9	36.6	37.0
6		34.4	34•6	32.8	(1)	(1)	<b>(</b> 1)	2.0	2.1	2 <b>.</b> 2	3•9	3.8	3.6
7	ILLINOIS. Chicago. Davenport-Rock Island-Moline. Peoria Rockford.	4,084.5	4,065.7	3,932.6	25•3	25.5	26.1	181.5	184.0	178.9	1,382.1	1,384.6	1,320.5
8		2,784.1	2,772.6	2,700.9	6•5	6.6	6.6	112.9	114.4	112.5	955.7	955.6	918.5
9		(3)	128.3	123.1	(3)	(4)	(4)	(3)	6.9	6.5	(3)	49.0	46.2
10		(3)	119.5	117.5	(3)	(4)	(4)	(3)	6.8	7.2	(3)	47.9	46.2
11		(3)	104.7	96.0	(3)	(4)	(4)	(3)	4.7	4.3	(3)	56.8	50.8
12 13 14 15 16 17 18	INDIANA  Evansville Fort Wayne Gary-Hammond-East Chicago Indianapolis Muncie South Bend Terre Haute	1,765.7 83.1 104.9 207.1 384.7 44.0 93.3 50.2	1,759.8 81.6 104.6 210.4 383.3 43.9 92.4 50.1	1,667.1 78.0 100.3 204.3 368.1 42.3 89.7 47.3	7.5 2.0 (1) (1) (1) (1) (1)	7.6 2.0 (1) (1) (1) (1) (1)	8.0 1.8 (1) (1) (1) (1) (1)	85.0 4.1 4.8 13.3 17.5 1.8 3.7 2.3	86.2 4.8 13.6 17.6 1.8 3.9 2.4	78.7 4.5 4.7 14.2 18.6 1.8 3.7 2.0	728.9 33.6 42.7 106.6 132.4 19.6 36.9 14.0	732.8 32.6 43.2 109.3 132.0 19.7 36.6 14.1	684.3 29.0 40.5 104.3 124.7 18.7 35.3 13.0
20	IOWA	810.5	808.2	770.1	3•6	3•7	3•5	45.9	47.4	43.6	212.4	212.1	195.7
21		61.8	61.9	57.7	(1)	(1)	(1)	3.2	3.4	2.8	27.3	27.3	24.4
22		110.4	110.4	107.5	(1)	(1)	(1)	5.6	5.8	5.3	24.1	24.1	22.0
23	KANSAS 2 Topeka 2 Wichita 2	640.4	640.4	607.7	12.6	12.5	13.4	31.6	33.1	34.7	141.1	141.0	124.5
24		56.3	56.3	53.7	.1	.1	.1	3.6	3.7	3.1	7.8	7.9	7.3
25		147.5	146.9	133.3	2.9	2.9	3.1	6.6	6.7	6.1	55.1	54.8	44.3
26	KENTUCKY	819.5	809.1	781.0	32•1	32.7	28.2	51.9	49.8	54.4	223.9	221.0	212.3
27		287.1	288.2	274.9	(1)	(1)	(1)	15.1	15.5	14.3	103.4	103.7	96.7
28	LOUISIANA Baton Rouge. Lake Charles Monroe New Orleans Shreveport	971.4	965.0	927.2	52.9	53.3	50.3	91.3	91.2	87.4	169.5	167.1	160.1
29		91.6	91.1	87.4	•3	.3	.3	15.3	15.3	14.0	16.7	16.6	16.2
30		38.0	37.6	34.1	1.4	1.4	1.3	5.8	5.7	3.8	8.2	8.2	7.4
31		33.7	33.5	32.6	•5	.5	.5	4.1	4.2	4.1	6.1	6.1	6.0
32		353.3	352.8	352.6	12.4	12.5	12.6	27.9	28.0	30.9	58.8	59.4	58.9
33		84.0	83.0	79.3	5•3	5.2	5.3	6.4	6.4	5.9	12.8	12.7	10.9
34	MAINE	304.6	305•7	297 <b>.</b> 1	(1)	(1)	(1)	16.4	16.7	16.8	112.0	112.8	108.3
35		27.1	27•1	25 <b>.</b> 9	(1)	(1)	(1)	1.3	1.3	1.3	13.2	13.4	12.4
36		58.9	59•2	58 <b>.</b> 7	(1)	(1)	(1)	3.7	3.6	3.7	14.4	14.5	14.3
37	MARYLAND 5 Baltimore	1,151.6	1,149.5	1,085.0	2•5	2•5	2.5	87.8	89.4	86.1	286.2	287.0	267.4
38		715.4	712.8	677.7	•9	•9	•9	44.5	44.9	43.3	206.2	2 <b>0</b> 6.6	192.0
39 40 41 42 43 44 45 46	MASSACHUSETTS Boston Brockton Fall River Lawrence-Haverhill Lowell New Bedford. Springfield-Chicopee-Holyoke Worcester		2,131.7 1,196.6 46.8 45.1 74.8 48.6 53.5 189.1 125.6	2,075.0 1,165.7 45.4 44.8 74.5 48.3 52.1 184.4 122.6	(1) (1) (1) (1) (1) (1) (1) (1)	(1) (1) (1) (1) (1) (1) (1) (1) (1)	(1) (1) (1) (1) (1) (1) (1) (1)	93.6 55.9 2.1 (1) 2.3 2.3 1.9 7.6 5.1	95.8 56.5 2.1 (1) 2.4 2.5 1.9 7.9	99.5 53.6 2.1 (1) 2.4 2.6 1.9 7.1	699.2 295.9 17.3 21.8 38.1 20.2 27.1 74.8 51.2	699.4 296.8 17.0 21.9 38.1 19.9 27.3 74.7 51.0	680.1 291.1 16.3 21.8 38.4 19.9 26.6 71.8 49.6

## ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

	usportation ublic utilit		Wholes	ale and retai	l trade		nce, insurar d real estat		Service	and miscel	laneous		Government	:	Τ
0ct.	Sept.	0et.	0et.	Sept.	0et.	0et.	Sept.	0et.	0et.	Sept.	0et.	0et.	Sept.	0et.	
1966	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965	
(3)	3.4	3.1	(3)	12.7	11.9	(3)	2•7	2.5	(3)	7.0	7•1	(3)	16.7	14.7	1 2
6.5	6.4	6.6	12.8	12.7	12.3	2.8	2•8	2.7	7•4	7.4	7•5	9•3	9.2	9.3	
17.0	17.2	16.5	53•3	53•4	50.3	13•3	13.3	13.2	40.6	40.8	38.5	63.7	63.9	57•9	3
14.6	14.7	13.9	45•8	45•9	42.9	12•3	12.4	12.3	34.3	34.5	32.4	55.8	55.9	50•6	
14.0	14.2	14.3	46.3	46.8	44.6	7•3	7.3	7 <b>.</b> 2	26.8	27.3	25•7	43.1	44.1	40.5	5
3.1	3.1	3.0	9.9	9.9	9.0	2•3	2.3	2 <b>.</b> 2	5.0	5.1	4•8	8.2	8.3	8.0	6
284.1	284.0	279.9	865.6	856.3	837.9	206.4	207.4	202.2	600.5	597.5	577.4	538.9	526.4	509.7	7
201.9	201.4	198.0	598.2	590.5	587.8	158.6	160.0	157.2	445.4	441.5	429.0	304.8	302.5	291.4	8
(3)	6.7	6.5	(3)	25.7	25.1	(3)	4.7	4.7	(3)	15.2	14.8	(3)	20.0	19.3	9
(3)	6.4	6.6	(3)	25.0	25.0	(3)	4.5	4.4	(3)	15.6	15.4	(3)	13.2	12.8	10
(3)	3.5	3.3	(3)	19.1	17.9	(3)	2.6	2.7	(3)	10.9	10.5	(3)	7.0	6.5	11
95.9 4.9 7.3 13.1 25.9 2.3 4.7 4.2	96.2 4.9 7.4 13.3 26.1 2.4 4.7 4.2	94.1 4.9 7.1 13.1 24.7 2.3 4.6 4.3	336.8 17.4 23.1 33.5 84.1 8.0 18.9 12.6	332.5 17.3 22.2 33.4 83.2 7.9 18.5 12.4	322.3 17.3 21.8 33.0 80.2 7.8 18.5 11.7	66.8 2.9 5.3 5.4 24.8 1.3 4.6	66.9 2.9 5.3 5.4 24.8 1.3 4.6	65.1 2.8 5.2 5.3 24.0 1.3 4.6 1.6	181.6 10.0 12.5 17.9 43.2 4.3 15.1 5.4	180.9 10.0 12.5 17.9 43.0 4.3 14.9	174.3 10.1 12.0 17.4 41.5 4.2 14.6 5.2	263.3 8.2 9.2 17.3 56.8 6.7 9.4 9.1	256.6 7.7 9.2 17.5 56.6 6.5 9.2 9.1	240.2 7.6 9.0 17.0 54.4 6.2 8.4 8.6	12 13 14 15 16 17 18 19
51.1	51.3	50.2	194.9	195.1	188.4	37•2	3 <b>7.3</b>	35•9	118.9	117.9	113.2	146.5	143.5	139.6	20
3.1	3.1	3.1	12.3	12.3	11.9	2•7	2.7	2•6	7.8	7.8	<b>7.</b> 6	5.5	5.4	5.3	21
7.7	7.8	7.8	28.0	28.0	28.4	11•9	11.9	11•9	16.8	16.5	16.7	16.5	16.4	15.6	22
51.2	51.5	50.8	143.8	144.0	139.7	26.7	26.7	25.9	89.6	89.5	85.1	143.8	142.1	133.6	23
7.2	7.3	7.1	12.0	11.8	11.7	3.1	3.1	3.0	8.9	9.0	8.4	13.7	13.5	13.3	24
7.7	7.8	7.7	30.9	30.7	29.7	6.1	6.0	6.1	20.6	20.7	19.7	17.7	17.5	16.6	25
56.4	56.1	55•2	163.3	162 <b>.</b> 9	156.4	31.0	31.2	29.9	106.2	106.5	103.5	154.7	149.0	141.1	26
21.4	21.5	20•9	60.6	60 <b>.</b> 8	58.2	14.7	14.7	14.2	40.2	40.9	39.9	31.8	31.0	30.7	27
91.4 5.0 3.2 2.1 46.7 8.7	91.6 5.0 3.4 2.1 46.5 8.7	87.0 4.7 3.2 2.1 46.3 8.7	211.5 18.4 7.3 8.8 84.5 21.2	209.2 18.4 7.3 8.5 84.0 21.1	201.7 17.2 6.9 8.3 81.1 20.7	43.0 4.8 1.3 1.7 20.2 3.9	43.0 4.7 1.3 1.7 20.1 4.0	41.6 4.5 1.3 1.7 19.9 3.9	131.1 11.9 4.5 4.6 56.6 11.7	131.3 11.8 4.5 4.6 56.4 11.7	124.6 11.2 4.4 4.5 56.1 11.2	180.7 19.2 6.3 5.8 46.2 14.0	178.3 19.0 5.8 5.8 45.8	174.5 19.3 5.8 5.4 46.7 12.8	28 29 30 31 32 33
16.5	16.6	16.8	56.6	56.9	55.8	10.1	10.1	10.0	34.6	35•7	34.1	58.4	56.9	55•3	34
.9	.9	•9	5.4	5.4	5.2	.8	.8	.8	3.7	3•6	3.5	1.8	1.7	1.8	35
5.0	5.0	5•3	15.5	15.5	15.4	4.5	4.5	4.5	9.2	9•5	9.1	6.6	6.6	6.4	36
73•7	75.0	72.3	252.1	250.0	238.7	58.6	58.5	55•4	183.9	184.7	173.1	206.8	202.4	189.5	37
53•3	54.4	52.9	148.5	147.0	143.7	36.6	36.5	35•3	108.4	108.0	102.3	117.0	11 <sup>4</sup> .5	107.3	38
109.1 65.3 2.9 1.7 1.9 1.9 2.5 8.4 5.9	109.6 67.0 2.9 1.7 1.9 1.9 2.6 8.4 5.9	108.0 66.6 2.8 1.6 1.9 1.9 2.5 8.6 5.9	428.2 264.2 11.3 8.5 13.5 9.1 9.6 35.0 22.8	430.2 264.4 11.4 8.6 13.4 9.0 9.7 35.1 22.8	421.0 258.8 10.9 8.4 13.4 9.1 9.3 35.0 22.3	111.8 81.2 1.4 (1) 2.1 1.3 (1) 8.6 6.0	111.8 80.8 1.4 (1) 2.1 1.3 (1) 8.6 6.0	110.0 79.2 1.4 (1) 2.1 1.3 (1) 8.6 5.9	382.8 259.0 5.2 8.3 8.8 7.4 7.9 29.9	388.3 259.8 5.1 8.4 9.0 7.5 8.0 30.3 20.0	370.9 251.7 5.0 8.2 8.9 7.2 7.8 29.0	297.4 170.8 7.0 4.5 7.9 6.5 4.1 24.4	296.6 171.3 6.9 4.5 7.9 6.5 4.0 24.1	285.5 164.7 6.9 4.8 7.4 6.3 4.0 24.3	39 40 41 42 43 44 45 46 47

### ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(in thousands)

			TOTAL			Mining		Contr	act construc	tion		Manufacturin	g
	State and area	0ct. 1966	Sept. 1966	0et. 1965	0ct. 1966	Sept. 1966	0et. 1965	0et. 1966	Sept. 1966	0et. 1965	0et. 1966	Sept. 1966	0et. 1965
1 2 3 4 5 6 7 8 9	MICHIGAN Ann Arbor Bay City Detroit Flint Grand Rapids Kalamazoo Lansing. Muskegon-Muskegon Heights Saginaw 6	2,855.3 94.2 30.4 1,414.2 152.6 171.4 67.9 121.5 50.7 68.9	2,857.9 92.6 30.0 1,417.1 151.7 169.8 66.2 115.8 50.7 69.1	2,751.6 89.8 29.1 1,385.5 150.3 164.7 64.5 116.5 49.1 65.6	14.0 (1) (1) (1) (1) (1) (1) (1) (1)	14.1 (1) (1) (1) (1) (1) (1) (1) (1) (1)	12.8 (1) (1) (1) (1) (1) (1) (1) (1) (1)	3.6 1.5 33.9 6.7 9.6 3.4 5.6 1.7 3.4	122.4 3.6 1.4 54.9 6.5 9.8 3.4 5.5 1.8 3.5	126.5 2.8 1.2 61.5 6.7 9.1 3.7 4.8 1.7 3.1	1,168.7 35.1 13.2 614.1 84.6 76.4 29.1 39.6 28.6 32.2	1,158.6 35.0 12.9 605.3 84.8 75.7 27.8 39.5 28.5 32.1	1,126.2 33.7 12.7 593.9 84.0 73.4 26.8 38.2 26.9 30.6
11 12 13	MINNESOTA  Duluth-Superior  Minneapolis-St. Paul	1,160.5 56.9 690.3	1,162.7 56.2 687.8	1,10 <b>7.4</b> 53.6 655.5	16.2 (1) (1)	16.6 (1) (1)	15.1 (1) (1)	73•7 2•8 42•3	75.2 3.0 43.3	68.2 3.0 38.7	279.8 10.8 185.1	287.7 10.5 186.2	266.1 9.6 1 <b>7</b> 4.5
14 15	MISSISSIPPI	511.9 80.4	511.6 79.6	494.2 77.1	5.4 .8	5.4 .8	5.6 .8	30.6 5.8	31.6 6.0	30.1 5.5	163.9 13.7	163.7 13.4	156.8 12.6
16 17 18 19	MISSOURI  Kansas City <sup>2</sup> St. Louis  Springfield.	1,529.1 478.0 857.4 48.7	1,535.1 476.7 861.8 48.5	1,491.2 454.3 828.0 46.3	8.1 .6 2.9	8.1 .6 2.9	8.3 .6 3.1	80.7 28.2 47.0 2.9	80.9 28.7 47.0 3.0	83.8 28.3 46.5 2.5	435.9 130.5 285.0 13.3	130.2 292.1 13.3	420.2 117.1 278.4 11.9
20 21 22	MONTANA 2 Billings 2 Great Falls	188.1 26.2 24.0	190.0 25.9 24.3	188.1 25.7 24.0	7.0 (1) (1)	7.3 (1) (1)	7.7 (1) (1)	13.3 1.6 2.6	14.0 1.7 2.7	14.8 1.6 3.7	24.4 3.3 3.6	24.1 2.9 3.6	23.9 3.4 3.3
23 24	NEBRASKA	436.8 186.1	436.0 185.8	422.4 178.9	1.9 <b>(</b> 4)	2.0 (4)	2.0 (4)	25.2 12.4	25 <b>.</b> 8 12 <b>.</b> 7	25 <b>.</b> 2 11 <b>.</b> 9	78.1 38.3	76.4 37.8	70.4 35.8
25 26	NEVADA	159 <b>.</b> 2 4 <b>7.</b> 3	161.8 47.7	156.5 47.2	3.8 (7)	4.0 (7)	4.0 (7)	8•3 3•6	8.5 3.5	11.9 4.3	7.1 2.5	7•1 2•5	6.5 2.5
2 <b>7</b> 28	NEW HAMPSHIRE <sup>2</sup>	235•7 48•8	239.6 48.4	220.4 45.9	(1) <sup>3</sup>	(1)3	(1)3	12.7 2.9	12.9 2.9	11.4 2.5	97.0 18.5	97•3 18•5	90.7 17.3
29 30 31 32 33 34 35	NEW JERSEY.  Atlantic City  Jersey City  Newark  Paterson-Clifton-Passaic  Perth Amboy  Trenton.	2,365.0 58.6 259.1 747.4 440.6 228.3 122.8	2,358.1 63.2 258.3 739.6 436.8 224.5 122.2	2,297.7 56.4 256.8 731.6 427.3 217.2 120.5	3.1 -6 .4 .7	3.1 .6 .4 .8	3.6 - .9 .4 .8 (1)	121.8 3.7 7.1 36.0 25.4 12.0 5.3	122.0 3.8 7.1 36.1 25.7 11.9 5.2	118.8 3.3 7.2 34.9 24.6 11.3 5.3	869.5 9.9 117.6 256.1 178.4 107.0 42.6	869.0 9.9 117.7 254.8 177.6 105.3 42.3	846.5 9.6 115.6 250.5 174.1 101.3 41.5
36 37	NEW MEXICOAlbuquerque	273.1 98.7	273•3 97•7	268 <b>.</b> 2	16.3 (1)	16.5 (1)	16.8 (1)	19.1 7.5	19.3 7.4	21.2 7.1	18.4 8.4	18.5 8.5	17•7 8•3
38 39 40 41 42 43 45 46 47 49 50 51 52	NEW YORK Albany-Schenectady-Troy Binghamton Buffalo Elmira Monroe County Nassau and Suffolk Counties New York-Northeastem New Jersey New York SMSA 8 New York City Rochester Rockland County Utica-Rome Westchester County	6,788.0 257.2 102.2 476.4 37.8 286.1 611.3 6,287.9 4,612.5 3,673.4 326.5 48.7 214.0 112.1 279.2	6,753.8 257.2 102.0 475.3 37.5 612.2 6,245.0 4,585.8 3,646.2 321.9 48.7 212.8 111.7 278.7	6,626.8 250.1 99.7 463.9 35.5 266.3 579.5 6,160.1 4,526.8 3,631.7 305.3 473.3 203.6 106.2 268.2	9,4 (1) (1) (1) (1) (1) (1) (1) (2,5 (1) (1) (1) (1)	9.5 (1) (1) (1) (1) (1) (1) (1) 4.9 3.1 2.5 (1) (1) (1)	9.7 (1) (1) (1) (1) (1) (1) 3.0 (1) (1) (1) (1)	282.8 13.0 4.6 22.6 1.7 17.3 40.2 249.3 166.8 108.6 18.5 3.0 11.4 3.9 17.0	285.5 13.0 4.8 23.3 1.6 41.6 41.6 252.7 171.9 110.0 19.1 3.2 11.5 4.0	276.7 13.2 5.0 22.6 21.1 13.7 39.7 248.4 170.3 110.3 15.0 3.5 11.1 16.7	1,937.8 65.8 46.5 17.0 130.7 148.8 1,786.1 1,127.0 889.8 146.0 13.9 70.9 42.9 74.4	1,928.0 66.0 46.8 183.6 147.0 1,776.6 1,121.2 886.7 143.8 13.6 71.1 42.7 73.9	1,884.9 63.9 44.8 178.0 15.1 120.9 137.8 1,755.4 1,113.4 889.0 135.9 67.1 39.6 72.7

## ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

	nsportation ublic utilit		Whole	sale and reta	il trade		ince, insura		Servic	ce and misce	llaneous		Government		Π
0ct.	Sept.	0ct.	0ct.	Sept.	0et.	0et.	Sept.	0et.	0et.	Sept.	0et.	0et.	Sept.	0et.	1
1966	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965	
141.0 1.8 1.6 74.9 5.0 9.5 2.3 3.3 2.4 4.7	141.5 1.8 1.6 75.5 5.0 9.5 2.3 3.3 2.3 4.7	136.5 2.6 1.6 71.8 4.9 9.2 2.2 3.3 2.5 4.1	540.3 11.1 6.7 286.4 22.8 34.4 11.7 19.9 7.6 13.0	537.2 10.6 6.6 282.5 22.1 33.7 11.5 19.3 7.5 13.0	520.1 10.3 6.3 270.9 22.3 32.6 11.3 18.9 7.6 12.4	98.2 1.8 .7 59.3 3.4 5.7 1.8 3.7 1.2	98.6 1.9 .7 59.3 3.4 5.8 1.8 3.7 1.2	95.3 1.7 7.7 57.7 3.3 5.4 1.8 3.5 1.3	353.7 8.0 3.7 183.6 14.0 21.4 7.7 12.8 4.7 7.2	351.0 7.8 3.7 181.5 13.8 21.0 7.7 12.6 4.7	332.6 7.6 3.7 177.3 13.4 20.9 7.4 12.5 4.7	439.0 32.5 3.0 161.1 16.1 14.4 12.0 36.6 4.6 6.7	434.5 31.6 3.0 157.3 16.1 14.3 11.6 31.9 4.6 6.7	401.5 31.2 3.0 151.5 15.7 14.0 11.4 35.4 4.4 6.4	1 2 3 4 5 6 7 8 9 10
84.7	85.1	81.9	269.8	268.6	262.0	53.5	53•7	52.4	173.3	172.1	167.9	209.4	203.7	193.8	11
9.0	8.9	8.8	13.0	12.9	12.5	1.9	1•9	1.9	10.0	9.9	9.5	9.4	9.0	8.2	12
52.9	53.5	51.8	164.3	162.7	158.9	39.3	39•5	38.3	109.2	109.9	105.8	97.1	92.7	87.4	13
27.5	26.8	27.2	94.1	93.4	92.5	17•1	17•1	16.7	56.6	56.5	56.4	116.6	116.9	108.8	14
4.9	4.9	4.8	18.1	18.0	17.6	5•5	5•5	5.3	13.3	13.0	13.1	18.4	18.1	17.5	15
121.2	121.4	118.2	335.1	339.0	334.3	79.6	80.4	79.3	224.8	224.7	220.0	243.7	237.6	227.1	16
47.3	47.6	46.1	113.5	112.6	111.5	30.0	30.0	29.1	67.4	66.9	64.0	60.5	60.1	57.6	17
65.5	66.1	65.3	177.5	177.6	169.7	42.1	42.2	41.4	133.3	131.1	126.8	104.1	102.8	96.8	18
4.2	4.2	4.4	11.6	11.5	11.3	1.9	1.9	1.9	7.9	8.0	7.7	6.8	6.5	6.5	19
17.9	18.2	17.8	43.5	կկ.8	43.2	7.2	7.3	7.0	26.8	27.8	26.5	48.0	46.5	47.2	20
2.6	2.6	2.6	8.0	8.0	7.9	1.4	1.4	1.5	5.1	5.1	4.7	4.2	4.2	4.0	21
2.2	2.2	2.1	6.0	6.1	5.7	1.3	1.3	1.3	3.8	3.9	3.7	4.5	4.5	4.2	22
36.0	36.3	36.4	106.3	105.8	103.7	25.1	25.3	25.1	73•5	73.8	70.4	90•7	90.6	89.1	23
20.4	20.5	20.0	44.6	44.3	43.3	14.5	14.6	14.5	30•0	30.1	29.1	26•2	25.9	24.5	24
11.3	11.5	11.6	29.8	30.8	30.6	6.1	6.2	6.2	62.0	63.0	56.2	30.8	30.7	29•5	25
	4.3	4.3	10.8	10.7	10.2	2.4	2.4	2.4	15.2	15.9	14.8	8.5	8.4	8•7	26
9.9	10.0	9.6	42.4	42.7	39•5	8.7	8.7	8.4	36.4	39.2	33.4	28.3	28 <b>.</b> 6	27.2	27
3.0	3.0	2.9	10.7	10.3	9•8	2.8	2.8	2.7	7.2	7.1	6.9	3.6	3 <b>.</b> 7	3.9	28
162.8 3.2 35.1 53.4 23.2 10.5 6.2	162.3 3.2 35.0 53.0 23.0 10.6 6.2	159.8 3.2 34.3 53.5 23.4 10.1 6.2	462.0 14.9 37.7 147.2 97.6 40.0 19.8	459.5 17.7 37.2 144.4 95.3 38.9 19.6	443.3 14.2 37.7 142.6 93.3 37.7 19.6	102.9 2.8 8.6 49.6 14.4 4.5 4.4	103.1 2.9 8.6 49.4 14.6 4.5 4.4	99.8 2.8 8.6 48.8 13.9 4.4	332.1 14.1 25.6 114.7 58.1 21.5 21.7	333.9 15.9 25.4 113.5 58.4 21.4 21.5	324.9 13.6 25.1 113.9 56.1 20.6 21.5	310.8 10.0 27.4 89.8 43.1 32.1 22.8	305.2 9.8 27.3 87.8 41.8 31.1 23.0	301.0 9.7 28.3 86.5 41.5 31.0 22.0	29 30 31 32 33 34 35
20.1	20.2	20.1	56.8	57•7	54.5	11.4	11.4	11.5	48.6	48.9	48.0	82.4	80.8	78.4	36
6.7	6.7	6.6	23.3	23•4	22.3	5.8	5.8	5.8	22.7	22.8	22.0	24.3	23.1	22.7	37
485.1 14.5 4.8 31.7 1.6 11.0 25.6 490.3 368.1 322.7 12.8 2.5 13.6 5.3 17.4	484.9 14.6 4.9 31.9 11.6 11.2 25.7 489.4 367.8 322.1 2.4 13.8 5.4	14.3 4.8 32.1 1.6 10.9 26.0 491.2 369.9 324.9 12.7 2.4 13.1	1,372.0 52.1 16.7 91.0 6.6 49.5 153.0 1,305.7 759.1 56.2 8.5 43.9 17.7 62.1	1,356.6 51.5 16.5 89.7 6.6 48.3 152.4 1,286.2 970.4 748.0 54.2 8.5 44.0 17.7 61.5	49.6 16.5 89.0 6.4 46.4 1,279.0 967.7 754.2 52.7 7.9 43.1 17.3	513.8 9.5 2.8 17.4 9.6 26.0 518.3 141.2 401.1 10.3 1.7 10.1 4.0 12.4	515.1 9.5 2.8 17.4 .9 9.7 25.9 519.0 441.9 401.8 10.3 1.7 10.0 4.1 12.5	9.5 2.8 17.0 .9 9.3 24.5	1,173.0 40.2 10.6 62.9 5.4 40.0 106.7 1,093.9 874.0 702.0 44.3 7.7 31.5 13.1 58.2	40.4 10.5 63.5 5.4 39.0 108.1 1,089.6 870.9 696.6 43.3 7.8 31.4 13.2	1,144.2 39.4 10.3 61.2 5.1 38.0 100.2 1,069.2 1,069.2 853.5 691.9 41.9 7.0 30.0 12.5 55.1	62.2 16.2 67.2 28.0 111.1 839.9 647.5 487.6 38.4 11.3 32.6 25.2	996.4 62.0 15.7 65.9 4.6 28.1 111.6 826.6 478.4 38.1 11.5 31.0 24.7 37.1	37.2	48 49 50 51

### ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In thousands)

			TOTAL			Mining		Contr	rect constru	ction	1	Manufacturing	3
	State and area	0et. 1966	Sept. 1966	0et. 1965	0et. 1966	Sept. 1966	0et. 1965	0et. 1966	Sept. 1966	0ct. 1965	0et. 1966	Sept. 1966	0ct. 1965
1 2 3 4 56	NORTH CAROLINA Asheville Charlotte Greensboro-High Point Raleigh Winston-Salem	1,502.4	1,496.6	1,452.4	2.9 (1)	3.0 (1)	2.8	90.9	93.2 11.1 7.4	88.7 9.3 7.2	629.8 20.3 36.4 48.1 13.1 39.1	628.8 20.1 36.3 48.1 12.8 39.1	606.2 18.9 35.8 48.0 11.4 38.9
7	NORTH DAKOTA	150.2	149•7	149.4	2 <b>.</b> 2	2.1	2.0	11.2	11.5	12.7	8.6	8.4	9.0
8		36.4	35•5	35.2	<b>(</b> 1)	(1)	(1)	2.9	3.0	2.8	2.7	2.6	2.6
9 10 11 12 13 14 15 16	OHIO	3,557.1 220.5 124.2 459.6 801.0 331.0 301.2 220.0 184.9	3,554.0 218.6 125.4 458.4 801.4 328.4 298.8 215.9 185.9	3,421.3 213.3 119.6 439.3 776.3 316.4 286.4 212.9 173.5	20.5 .3 .5.4 1.1 .96.4 .5	20.8 .3 .5 .4 1.1 1.0 .6 .4	20.0 .3 .5 .4 1.0 .9 .5 .4	166.5 8.5 4.5 21.0 33.6 17.0 14.1 10.2 9.5	170.1 8.8 4.8 21.5 34.0 17.4 14.2 10.1 9.4	162.4 8.4 4.7 20.7 33.3 17.1 14.3 9.7 9.1	1,400.8 95.4 61.1 165.5 308.7 84.9 127.4 80.1 86.8	1,408.2 96.1 61.8 165.2 309.8 85.3 126.5 78.5	1,336.2 93.8 57.8 155.8 297.9 81.9 118.3 78.9
18	OKLAHOMAOklahoma City	682.7	676.8	665.6	42.0	42.5	42.3	34.2	34•7	36.4	112.9	112.8	107•1
19		221.1	220.0	214.4	6.8	6.8	6.9	12.5	12•6	14.1	30.3	30.2	28•8
20		160.7	161.2	154.4	13.3	13.2	13.4	9.4	9•5	9.3	39.4	39.6	36•5
21	OREGON	650.9	662.1	628.7	1.6	1.7	1.8	36.0	38.0	36.0	170.8	176.9	165.8
22		62.7	64.1	62.2	(1)	(1)	(1)	4.0	4.3	4.0	18.4	19.7	19.9
23		339.5	341.3	324.0	(1)	(1)	(1)	15.8	16.5	16.4	82.8	83.4	76.5
24 25 26 27 28 29 30 31 32 33 34 35 36	PENNSYLVANIA Allentown-Bethlehem-Easton Altoona Erie Harrisburg Johnstown Lancaster Philadelphia Pittsburgh Reading Scranton Wilkes-Barre-Hazleton York	4,117.3 204.4 44.8 90.7 162.0 75.9 111.8 1,668.6 824.2 113.8 82.6 113.9 118.6	4,113.4 204.6 45.0 90.8 162.7 76.0 111.2 1,650.9 826.5 114.2 82.1 113.7 116.4	3,975-7 199.0 43-5 87-6 158.0 73-2 107-7 1,617-6 796-1 112-7 80-0 110-5 114-8	43.8 .5 (1) (1) 4.8 (1) 1.3 10.2 (1) .7 3.3 (1)	44.1 .5 (1) (1) (1) 1.2 10.2 (1) .7 3.3 (1)	46.4 .5 (1) (1) 1.4 9.8 (1) 1.4 9.8 (1)	189.4 8.7 1.4 3.3 9.6 2.4 7.0 83.0 83.0 37.7 4.2 2.3 4.57	194.3 8.8 1.5 3.3 9.8 2.5 7.1 84.4 38.4 4.2 2.3 4.57	182.8 8.3 1.3 3.3 8.1 1.8 6.8 80.7 39.7 4.2 2.0 5.1 5.8	1,559.9 103.4 14.6 43.8 39.0 27.4 55.3 574.6 295.1 55.9 35.0 51.7 59.8	1,562.1 103.5 14.7 44.3 39.3 27.5 553.3 297.5 56.3 34.7 513.4 58.5	1,494.5 102.2 13.4 41.8 37.0 26.1 53.0 555.5 278.2 56.5 33.1 47.4 58.6
37	RHODE ISLANDProvidence-Pawtucket-Warwick.	329.4	328 <b>.</b> 9	321.3	(1)	(1)	(1)	16.6	16.9	15•7	125.6	124.7	122.5
38		340.0	339 <b>.</b> 2	328.1	(1)	(1)	(1)	16.5	16.9	15•5	143.6	142.2	138.4
39	SOUTH CAROLINA	730•3	726•5	698.5	(1)	(1)	(1)	45.5	45.9	46.4	315.7	315.6	297 • 7
40		77•9	77•8	72.7	(1)	(1)	(1)	6.5	6.5	6.1	12.5	12.5	11 • 3
41		87•5	86•9	83.9	(1)	(1)	(1)	6.3	6.5	6.7	17.3	17.2	16 • 9
42		106•4	105•7	101.5	(1)	(1)	(1)	8.2	8.1	7.9	53.6	53.2	50 • 1
43	SOUTH DAKOTA	153•1	153•7	152 <b>.</b> 9	2.2	2.3	2.5	7•4	7•5	9.8	13.9	14.0	13.9
44		30•7	30•5	30 <b>.</b> 2	(1)	(1)	<b>(</b> 1)	1•1	1•1	1.9	5.4	5.4	5.4
45	TENNESSEE Chattanooga. Knoxville Memphis Nashville	1,213.2	1,211.7	1,141.4	6.7	7.3	7.2	69.1	70.2	64.1	430.7	433.0	398.2
46		120.9	120.5	111.9	.2	.2	.2	6.4	6.2	5.3	50.8	50.8	46.5
47		136.4	136.7	130.5	1.5	1.7	1.7	6.8	7.3	5.9	47.0	47.6	45.0
48		239.2	237.6	227.2	.3	.3	.3	14.2	14.3	13.1	57.0	55.9	50.8
49		201.8	201.1	194.4	(1)	(1)	(1)	12.4	12.5	12.8	61.3	61.0	57.0
50 51 52 53	TEXAS	3,081.2	3,063.9	2,951.7	104.8	107.3	108.5	189.4 - - -	190.4	192.3	614.3 6.7 34.8 10.3	613.4 6.8 34.7 10.3	577.8 6.4 33.5 10.2

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

	unsportation ublic utilit		Wholesa	ile and reta	il <b>tr</b> ade		unce, insura		Service	e and miscel	laneous		Government		T
0et.	Sept.	0ct.	0ct.	Sept.	0ct.	0ct.	Sept.	0ct.	0ct.	Sept.	0et.	0et.	Sept.	0et.	1
1966	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965	
78.4	78.6	75.9	265.2	262.7	262.8	55•7	55•5	54.2	166.2	164.0	159.8	213.3	210.8	202.0	1 2
15.3 6.1	15.1 6.1	14.6 5.9	37.8 24.1	37.6 23.5	37.8 23.2	9.5 6.5	9•5 6•5	9.3 6.4	19.3	19.1	18.0	15.6 -	15.6	14.8	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
12.0	12.2	11.8	41.9	41.8	41.4	6.6	6.5	6.4	25.6	25.4	25•1	42.2	41.7	40.8	7 8
3.0	3.0	3.0	10.8	10.7	10.7	2.1	2.1	2.1	6.9	6.4	6•9	8.0	7.7	7.2	
211.2 14.2 6.6 33.2 50.5 19.8 11.6 16.4 10.2	14.2 6.6 33.2 50.5 19.7 11.7 16.4	205.8 13.7 6.3 33.2 48.7 19.1 11.2 16.0 9.5	676.8 40.0 22.3 93.6 161.7 68.0 50.1 45.7 32.2	675.5 39.9 22.3 93.1 161.9 68.1 49.7 45.1 32.4	660.0 39.2 21.9 90.5 158.5 65.2 49.2 44.3 31.4	135.7 6.2 4.0 23.9 37.0 20.3 8.3 7.0 4.6	136.4 6.2 4.1 24.2 37.2 20.3 8.4 7.0 4.6	132.5 6.0 4.0 23.6 36.1 19.4 8.0 6.7 4.4	452.4 27.7 14.2 61.0 112.3 49.7 36.2 31.9 24.0	454.2 27.7 14.4 61.2 112.8 49.5 36.0 31.4 24.1	435.3 26.2 14.3 58.7 108.9 47.9 34.7 30.5 22.8	493.2 28.2 11.0 61.0 96.2 70.3 53.0 28.4 17.0	476.9 25.4 10.8 59.5 94.0 67.3 51.7 26.9 16.8	469.2 25.7 10.2 56.4 91.7 65.0 50.2 26.4 16.5	9 10 11 12 13 14 15 16 17
47.7	47.6	47.0	151.7	151.4	149.9	31•7	31.6	31.5	92.2	92.1	90.2	170.3	164.1	161.2	18
14.0	14.1	13.6	50.4	50.4	50.4	13•5	13.5	13.4	30.7	30.9	29.6	62.9	61.5	57.6	19
14.6	14.6	14.3	37.2	37.0	35.3	7•5	7.6	7.3	23.8	24.2	23.5	15.5	15.5	14.8	20
48.0	4.0	46.8	147.3	148.7	141.5	29.8	29•7	28.4	91.5	93•9	87.6	125.9	124.4	120.8	21
3.9		3.8	12.7	12.7	12.4	2.4	2•4	2.3	8.1	8•4	7.7	13.2	12.6	12.1	22
29.2		28.4	82.8	83.2	79.9	19.8	19•9	19.1	53.2	53•4	50.4	55.9	55.2	53.3	23
273.0 10.8 7.9 5.0 11.6 5.8 5.1 111.9 56.7 6.1 5.9 5.9	270.2 11.0 7.9 5.1 11.5 5.7 5.0 111.3 5.7 6.0 5.9 5.9	267.3 10.7 8.8 5.0 12.1 5.7 5.0 110.6 55.4 6.1 5.9 5.9	749.6 32.8 7.2 14.9 31.1 12.3 18.7 328.1 160.3 17.2 15.3 18.6 20.0	740.7 32.3 7.2 14.8 30.7 12.4 18.8 320.6 158.7 17.1 15.2 18.6	731.8 31.6 7.3 14.8 28.9 12.1 17.9 325.1 157.4 16.8 14.9 18.9	167.2 5.9 1.2 2.8 7.2 1.9 2.5 88.6 33.6 4.2 2.5 3.5 2.6	168.2 6.0 1.2 2.8 7.2 1.9 2.5 89.1 33.6 4.3 2.5 3.6	164.0 5.6 1.2 2.7 6.9 1.9 2.4 87.9 32.9 4.1 2.4 3.5	592.6 24.9 6.7 11.8 21.9 10.7 14.6 256.4 13.0 14.9 12.2 13.0	597.7 25.0 6.8 11.8 22.3 10.7 14.1 249.4 137.8 15.0 12.1 13.0	571.3 23.8 6.4 11.2 20.8 10.5 13.8 247.4 132.9 14.5 11.6 12.5	541.8 17.4 5.8 9.1 41.6 10.6 8.6 224.7 93.6 11.3 8.7 13.4	536.1 17.5 5.7 8.7 41.9 10.4 8.3 221.6 91.6 91.6 11.3 8.7 13.4	517.6 16.3 5.1 8.8 44.2 10.2 8.8 209.0 89.8 10.5 9.0 13.3	24 25 26 27 28 29 30 31 32 33 34 35 36
15.0	15.0	15.0	59.8	59•7	58.8	14.0	14.0	14.0	50•3	50.7	49.6	48.1	47.9	45•7	37
14.5	14.5	14.5	58.9	58•9	57.3	13.9	13.9	13.8	48•5	49.0	47.1	կ4.1	43.8	41•5	38
30.3	30.4	28.4	117.5	117.3	115.1	24.0	24.0	23.5	69.7	69.8	69.0	125.9	121.8	116.7	39
5.0	5.1	4.6	14.7	14.7	14.3	3.1	3.1	3.0	8.8	8.8	8.5	27.3	27.1	24.9	40
5.6	5.6	5.3	18.4	18.4	18.0	5.5	5.5	5.2	10.1	10.1	10.0	24.3	23.6	21.8	41
4.0	4.1	4.0	17.4	17.3	16.7	3.6	3.6	3.5	10.3	10.3	10.2	9.3	9.1	9.1	42
10.0	10.2	10.3	42.1	42.6	40.9	6.9	7.0	6.9	26.5	26.2	25•1	հի.3	44.1	43•7	43
2.8	2.8	2.9	9.7	9.7	9.0	1.9	2.0	1.8	5.7	5.5	5•3	4.0	4.0	3•9	44
61.0	61.2	59.6	234.8	233.8	223.5	49.0	49.1	47.4	157.9	157.0	150.3	204.0	200.1	191.1	45
5.9	5.8	5.5	22.2	22.3	20.7	6.0	6.0	5.7	14.6	14.6	13.8	14.8	14.6	14.2	46
7.0	7.0	6.8	28.1	27.8	26.9	4.4	4.4	4.3	17.0	16.9	16.2	24.6	24.0	23.7	47
18.2	17.8	17.5	60.5	60.2	59.1	12.5	12.3	12.1	35.3	35.4	33.4	41.2	41.4	40.9	48
12.2	12.2	11.8	42.5	42.2	40.8	12.4	12.5	12.1	31.7	31.4	30.6	29.3	29.3	29.3	49
238.2	237.6	229.2	757•9 - - -	756•3 - - -	728.2 - - -	162.7	162.8	155.2	448.2 - -	449.5 - -	429.2 - -	565•7 - -	546.6 - -	531•3 - -	50 51 52 53

#### **ESTABLISHMENT DATA** STATE AND AREA EMPLOYMENT

Table 8-7: Employees on nonagricultural payrolls

(in thousands)

			TOTAL			Mining		Court	act constru	ction	N	denufacturing	,
	State and area	0et. 1966	Sept. 1966	0et. 1965	0et. 1966	Sept. 1966	0et. 1965	0et. 1966	Sept. 1966	0ct. 1965	0et. 1966	Sept. 1966	0et. 1965
1 2 3 4 5	TEXAS (continued) Dallas	523.6 - 603.3 214.4	522.9 - 599.1 214.0	493.6 - 584.8 205.5	7.8 - 26.1 1.6	7.9 - 26.1 1.6	7•9 - 25•2 1•7	32.1 - 58.6 12.7	32.5 - 56.5 12.6	28.4 - 54.8 12.5	132.7 19.6 73.8 120.3 26.1	132.1 19.5 73.3 121.0 26.4	122.4 17.1 62.2 116.9 26.5
6 7	UTAH	325•2 171•7	326.0 173.8	307•7 165•4	12.0 6.9	12•2 7•0	12 <b>.</b> 0 6 <b>.</b> 9	16.9 10.7	18.0 10.8	17.6 10.4	50•1 28•1	51.5 28.1	50.1 28.3
8 9 10	VERMONT Burlington 11 Springfield 2 11	131.5 (3) 13.7	132.2 30.7 13.8	122.8 27.1 13.0	1.2	1.2 -	1.2 - -	8.7 -	8.9 - -	7•5 -	44.4 (3) 7.4	44.2 9.1 7.4	40.3 7.5 7.0
11 12 13 14 15 16	VIRGINIA 2 5  Lynchburg	1,318.5 47.3 86.7 180.5 211.4 71.5	1,309.5 47.3 86.9 181.3 210.5 71.7	1,251.6 45.2 83.2 172.4 202.3 69.3	14.77 (1) (1) .1	14.8 (1) (1) (1) .1 .2	14.9 (1) (1) .1 .2	96.2 3.0 5.8 13.6 15.5 4.8	98.1 3.1 5.8 14.0 15.8 4.9	95.1 2.8 5.8 13.5 14.4 4.8	349.1 21.3 26.0 19.9 50.7 17.3	345.2 21.3 26.0 19.8 50.6 17.2	333.6 20.2 25.6 19.3 49.3 16.9
17 18 19 20	WASHINGTON 2	1,025.3 502.4 81.1 94.6	1,036.3 503.5 82.1 96.7	928.5 431.2 78.3 88.6	1.9 (1) (1) (1)	1.9 (1) (1) (1)	1.8 (1) (1) (1)	59.2 28.3 4.3 5.1	62.3 29.4 4.9 5.2	48.6 21.6 4.1 5.0	280.0 163.4 12.8 19.9	286.1 163.8 13.3 20.6	239.1 124.8 12.8 18.5
21 22 23 24	WEST VIRGINIA Charleston Huntington-Ashland Wheeling	490.2 83.2 79.1 56.3	491.9 83.0 78.6 56.2	477.2 79.3 76.2 53.9	48.6 3.4 .8 2.8	48.9 3.4 .8 2.8	48.1 3.3 .9 2.6	26.3 4.1 3.5 4.2	26.2 4.0 3.4 4.2	24.5 3.7 3.8 3.5	131.6 22.6 27.3 17.0	131.4 22.7 27.0 16.9	129.1 20.6 25.2 16.2
25 26 27 28 29 30 31	WISCONSIN Green Bay Kenosha. La Crosse Madison Milwaukee Racine.	1,421.1 47.7 36.3 27.4 103.4 529.1 54.4	1,422.7 47.6 35.9 28.1 104.4 526.1 53.9	1,363.8 45.1 38.2 26.0 97.4 506.3 53.1	3.2 (1) (1) (1) (1) (1) (1)	3.2 (1) (1) (1) (1) (1) (1)	3.3 (1) (1) (1) (1) (1) (1)	71.9 3.0 1.4 1.2 7.1 24.6	73.0 3.0 1.4 1.3 7.4 24.9 2.4	67.5 2.3 1.6 1.1 6.6 23.2 2.4	511.6 15.7 18.6 9.1 15.5 210.1 26.5	518.6 16.1 18.3 9.7 15.9 209.5 26.1	497.3 15.2 20.5 8.6 14.9 201.6 26.0
32 33 34	WYOMING Casper. Cheyenne	99•7 17•0 17•7	102.8 17.1 18.0	98.3 17.7 17.3	8.9 2.9 <b>(</b> 1)	9•1 2•9 <b>(</b> 1)	9.2 3.0 (1)	8.0 1.2 1.6	8.1 1.1 1.7	8.0 1.5 1.2	7.4 1.3 .9	6.9 1.4 .9	7.6 1.4 .9

<sup>1</sup> Combined with service.
2 Series revised to 1966 benchmark; not strictly comparable with previously published data.
3 Not available.

<sup>4</sup> Combined with construction.

<sup>5</sup> Federal employment in Maryland and Virginia sectors of the Washington Metropolitan Statistical Area is included in data for the District of Columbia.
6 Series revised to 1965 benchmark; not strictly comparable with previously published data.
7 Combined with manufacturing.

<sup>&</sup>lt;sup>6</sup> Area included in New York-Mortheastern New Jersey Standard Consolidated Area.

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

## ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

#### (in thousands)

	nsportation ublic utilit		Wholes	ale and reta	il trade	Fina	nce, insuran	ice,	Servic	e and miscel	laneous		Government		T
0et.	Sept.	0et.	0et.	Sept.	0ct.	0ct.	Sept.	0et.	0et.	Sept.	0ct.	0et.	Sept.	0et.	
1966	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965	
43.1 -	43.0 -	39•3	144.6 -	143.1 -	136.4	40•5 -	40.4 -	39.6	70.3	70.9	69 <b>.</b> 1	52 <b>.</b> 6	53.0	50.4 -	1 2
59•3 10•1	59.4 10.1	59•5 9•7	161.4 54.5	159.6 54.4	157•1 53•1	30.1 13.5	30.2 13.4	29.8 13.2	80.9 30.2	81.0 30.2	79•5 29•3	66.6 65.7	65.3 65.3	62.0 59.5	3 4 5
21.6	21.9	21.5	70.6	71.1	68.1	13.0	13.1	12.9	46.3	45.4	43.2	94•7	92.8	82.3	6
14.0	14.2	13.8	45.3	45.6	43.0	10.0	10.1	9.9	25.4	26.2	23.6	31•3	31.8	29.5	7
7.5 (3) .8	7.5 1.7 .8	7.1 1.6 .8	23.8 (3) 1.8	23.7 6.0 1.8	22.8 5.7 1.7	4.6 - -	4.6 - -	- 14.14	22.2	22.8	21.1	19•5	19.4	18.4	8 9 10
90.1	90.3	87.1	273.3	268.6	258.4	57.5	57.6	54.7	179•7	179.8	169.1	257.9	255.1	238.7	11
2.5	2.5	2.4	7.9	7.8	7.6	1.9	1.9	1.7	5•8	5.8	5.7	4.9	4.9	4.8	12
4.1	4.3	3.9	14.3	14.2	13.6	2.5	2.5	2.4	9•0	9.1	8.9	25.0	25.0	23.0	13
16.1	16.1	15.9	43.1	43.2	40.9	7.8	7.8	7•5	24.3	25.2	23.4	55.6	55.1	51.8	14
16.5	16.7	16.2	48.9	48.2	46.0	15.8	15.8	15•6	28.0	28.0	26.7	35.8	35.2	33.9	15
9.7	9.7	9.2	16.1	16.2	15.9	3.4	3.5	3•3	11.0	11.0	10.4	9.1	9.1	8.7	16
67.6	69.2	63.0	222.4	221.8	207.1	48.7	49.1	45.1	135.3	137.5	125.6	210.2	208.4	198.2	17
35.8	36.1	32.3	105.0	105.3	95.5	28.6	28.6	26.5	65.0	65.5	59.0	76.4	74.8	71.5	18
7.5	7.7	7.2	22.0	22.0	21.5	4.3	4.3	4.3	15.0	15.1	14.1	15.2	14.8	14.3	19
6.0	6.2	5.4	20.5	21.2	19.9	4.8	4.8	4.4	13.9	14.3	13.1	24.4	24.4	22.3	20
41.1	41.2	40.7	84.7	84.4	83.4	14.0	14.1	13.8	56.5	56.9	56.4	87.3	88.7	81.2	21
8.6	8.6	8.3	17.7	17.6	17.3	3.4	3.4	3.3	10.2	10.3	10.2	13.4	13.1	12.6	22
8.3	8.3	8.2	16.4	16.3	16.3	2.9	2.9	2.9	8.9	9.0	8.6	11.2	11.0	10.6	23
4.0	4.0	3.8	11.8	11.9	11.5	2.0	2.0	2.0	8.4	8.5	8.3	6.2	6.1	6.2	24
78.0 4.2 1.5 2.1 5.1	77.7 4.2 1.3 2.1 5.2	76.7 4.1 1.7 2.1 4.9	292.5 11.7 5.9 6.1 21.2	287.7 11.4 5.9 6.2	279.6 10.9 5.9 5.9 19.8	54.2 1.3 •7 .6 5.3	54.3 1.4 .7 .6 5.3	52.2 1.3 •7 •6 4.9	191.0 7.2 4.8 4.8	190.6 7.1 4.9 4.8 14.9	181.4 6.8 4.7 4.6 14.1	218.6 4.7 3.3 3.5 34.4	217.4 4.5 3.3 3.4 34.5	205.7 4.5 3.2 3.2 3.2 32.3	25 26 27 28 29
28.9	29.1	28.6	107.6	105.5	103.2	24.8	25.1	24.4	73.1	72.4	69 <b>.</b> 2	60.0	59.7	56.2	30
2.0	2.0	2.0	9•5	9.4	9.1		1.2	1.2	7.1	7.0	6 <b>.</b> 8	5.8	5.8	5.5	31
10.5	10.7	10.6	20.9	22.3	21.1	3.5	3.6	3.5	12.1	14.1	11.8	28.4	28.0	26.5	32
1.6	1.6	1.6	3.9	4.0	4.2	.8	.8	.8	2.0	2.0	2.1	3.3	3.3	3.1	33
2.6	2.7	2.7	3.7	3.7	4.0	1.0	1.0	1.0	2.7	2.8	2.5	5.2	5.2	5.0	34

# ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

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

		Manufacturing			Durable goods		N	ondurable goo	ds
Year and month	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
1919	\$21.84	46.3	\$0.472		_	_		_	
1920	26.02	47.4	549	_	_	<u> </u>	1 - 1	_	1 _
		43.1	509	_	l <u>-</u>	_	1 _		1
1921	21.94		1 .505	· -	1			-	
L922	21.28	44.2	.482		-	•	. •	-	-
1923	23.56	45.6	.51.6	\$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	_	۱ ـ
1927	24.47	45.0	544	26.28	l <u>-</u>		22.55		
1926	24.70	44.4	556	26.86	_	[	22.42	_	1 [
1720	•			1				-	
1929	24.76	44.2	.560	26.84	-	-	22.47	-	-
1930	23.00	42.1	-546	24.42	-	-	22.40	-	-
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
	.0	2). 6	506	10.50	22.8	550	30.00		
1934	18.20	34.6 36.6	.526 .544	18.59 21.24	33.8 37.2	-550	17.73 18.77	35.1	.505
1935	19.91					.571		36.1	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
	24.96	38.1	.655	28.07	39.2		21.83		.590
1940						.716		37.0	
1941	29.48	40.6	.726	33.56	42.0	•799	24.39	38.9	.627
1942	<b>36.</b> 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	44.6	1,099	37.48		.886
				16.30				42.3	
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		1.347
		40.€		68.48	41.5	1.65	56.88	39.7	
1951	63.34		1.56					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
	78.78	40.4	1.95	35.26	41.0	2.08	70.09		
1956								39.6	1.77
1957	81.59 82.71	39.8 39.2	2.05	88.26 89.27	40.3 39.5	2.19	72.52	39.2	1.85
17,0	02.11		2	""	33.7	1.20		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		2.17
1963	99.63	40.5	2.46					39.6	
			1	108.09	41.1	2.63	87.91	39.6	2.22
.964	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
.965	107.53	41.2	2.61	117.18	42.0	2.79	94.64	40.1	2.36
.965: 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
.966: January	110.00	41.2	[ ·	1	i .	i	1		3
			2.67	119.99	42.1	2.85	95 <b>.52</b> 96 <b>.</b> 88	39.8	2.40
February	110.27	41.3	2.67	120.69	42.2	2.86	96.88	40.2	2.41
Merch	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	1		2.46
							99.14	40.3	
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	113.85 113.99	41.4 41.3	2:75	123.65	42.2	2.93 2.94	99.70 99.85	40.2	2.48 2.49
November	1 77 5 05	1 1.7 2	1 576	123.77	42.1	ا م م	1 00 00	40.1	1 0 10

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.

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

cic			Averag	e weekly ear	mings			Averag	e hourly ear	nings	
SIC Code	Industry	Nov.	Oct.	Sept.	Nov.	0ct. 1965	Nov. 1966	Oct.	Sept.	Nov.	Oct.
Code		1966	1966	1966_	1965	1965	1966	1966	1966	1965	1965
	44444	\$130.93	43.25 kg	4122 5	4100 50	4200 00	40.33	40.00	40.00	40.00	
10	MINING	ф120∙32	\$135.41	\$133.73	\$123.73	\$126,26	\$3.11	\$3.12	\$3.11	\$2.96	\$2.95
101		_	136.75	136.64		130.31	_	3.21	3.20	3.13	3.14
	Iron ores	1 -	140.95	142.23	129.52	129.36	_	3.34	3.30	3.23	3.21
102		] -	143.33	140.62	139.64	143.24	1	3.25	3.24	3.21	3.26
11,12	COAL MINING	-	156.98	151.00	129.78		-	3.72	3.71	3.47	3.46
12	Biruminous	ĺ	159.80	154.09	131.98	146.30	1 -	3.76	3•74	3-51	3.50
	CRUDE PETROLEUM AND NATURAL	İ	100 07	102 60	110 15	335.00	l	0.00	0.00	0.50	0 =0
13	GAS	1	123.97	123.68	118.15	115.92	l .	2.91	2.91	2.78	2.76
131,2	Crude petroleum and natural gas fields.	1	130.15	129.34	127.10	123.42	-	3.19	3.17	3.10	3.04
138	Oil and gas field services	ŀ	118.97		123.49	110.08	_	2.71	2.72	2.55	2.56
14 142	QUARRYING AND NONMETALLIC MINING Crushed and broken stone	[	129.44	129.44		123.87	-	2.76	2.76	2.65	2.63
.42	Crushed and broken stone	-	131.22	131.49	121.64	124.71	-	2.70	2.70	2.55	2.54
	CONTRACT CONSTRUCTION	143.39	152.46	151.67	136.50	144.39	3.95	3.96	3.96	3.75	3.77
15	GENERAL BUILDING CONTRACTORS		141.71	140.56	126.71	132.49	1 3.77	3.83	3.83	3.61	3.61
16	HEAVY CONSTRUCTION	_	156.09	156.09	136.22	149.53	l –	3.69	3.69	3.44	3.51
161	Highway and street construction	l -	155.73	157.04	134.27	151.36	-	3.58	3.61	3.34	3.44
162	Other heavy construction	l –	156.62	155.04	138.84	147.24	l -	3.82	3.80	3.56	3.60
17	SPECIAL TRADE CONTRACTORS	-	157.96	157.88	143.24	149.97	-	4.19	4.21	3.99	4.01
 171	Plumbing, heating, and air conditioning	l –	165.85	166.21	150.42	156.79	i -	4.22	4.24	3.99	4.01
172	Painting, paperhanging, and decorating	_	144.32	145.16	133.28	141.66	_	4.02	4.01	3.83	3.86
173	Electrical work	_	184.71	183.46	168.52	176.01	-	4.70	4.68	4.47	4.49
174	Masonry, plastering, stone and tile work	_	144.73	142.90	130.26	137.11	1 –	4.10	4.13	3.90	3.94
176	Roofing and sheet metal work	i -	133.20	129.17	113.85	127.78	-	3.70	3.68	3.45	3.52
.,,			~3	12,02,	12300)		1	30,0	3.00	3.47	3.7
~	MANUFACTURING	113.99	113.85	113.71	109.71	109.03	2.76	2.75	2.74	2.65	2.64
19,24,25,32-39	DURABLE GOODS	123.77	123.65	123.94	119.43	118.72	2.94	2.93	2,93	2.83	2.82
20-23,26-31	NONDURABLE GOODS	99.85	99.70	99.54	96.32	95.68	2.49	2.48	2.47	2.39	2.38
-0 19,10 91	NONDOKADEE GOODS	,,,,,,	79010	75.7	20.52	9,.00	2.77	2.50	2.71	2.37	2.30
	Durable Goods			1	}						1
19	ORDNANCE AND ACCESSORIES	135.98	137.05	136.95	134.41	134.73	3.23	3.24	3.23	3.17	3-17
192	Ammunition, except for small arms	135.88	136.29	135.88	139.83	139.73	3.29	3.30	3.29	3.29	3.28
1925	Guided missiles and spacecraft,	13,000		2,,,,,	20000	20013	1 3>	3.30	3.29	3.42	)
.,_,	complete	_	149.23	149.10	149.13	148.78	_	3.57	3-55	3.46	3.46
194	Sighting and fire control equipment	_	121.29	128.96	127.39	124.40	l –	3.11	3.10	3.13	3.11
191,3,5,6,9	Other ordnance and accessories	138.53	140.54	139.02	123.97	124.10	3.12	3.13	3.11	2.91	2.92
	·	1 23275		-5,			J	1 3	3		],-
	LUMBER AND WOOD PRODUCTS, EXCEPT	t	l		Í	1	i	1			
24	FURNITURE	92.92	94.42	94.83	90.17	91.91	2.30	2.32	2.33	2.21	2.22
242	Sawmills and planing mills	86.24	86.46	87.26	82.42	84.26	2.14	2.14	2.16	2.04	2.05
2421	Sawmills and planing mills, general.	[ <b>-</b>	88.44	89.02	84.63	86.30	l –	2.20	2.22	2.10	2.11
243	Millwork, plywood, and related products	99.47	100.12	100.61	98.65	98.88	2.45	2.46	2.46	2.36	2.36
2431	Millwork	l –	96.62	98.33	94.30	95.94	- '	2.44	2,44	2.34	2.34
2432	Veneer and plywood		103.25	102.09	101.24	101.48	l -	2.47	2.46	2.36	2.36
244	Wooden containers	74.96	75.85	76.78	74.88	75.96	1.86	1.85	1.85	1.80	1.80
2441,2	Wooden boxes, shook, and crates	l . <del>.</del> .	74.98	75.89	72.49	73•33 86•32		1.82	1.82	1.73	1.75
249	Miscellaneous wood products	88.56	88.58	88.38	86.32	86.32	2.16	2.15	2,14	2.08	2.07
26		91.88	03.63	02.03	00.70	00.72	2 22	0.01	0.00	0.16	0.15
25 25 1	FURNITURE AND FIXTURES	87.13	93.63	93.21	90.72	90.73	2.23 2.12	2.24	2.23	2.16	2.15
251 251	Household furniture	01.13	87.57	87.14	86.10	85.88	L	2.11	2,11	2.05	2.04
2511	Wood house furniture, unupholstered .	-	83.50	82.91	80.51	80.46	_	1.96	1.96	1.89	1.88
2512 2515	Wood house furniture, upholstered .	-	92.11	90.35	94.08	92.77	-	2.28	2.27	2.24	2.23
2515 252	Mattresses and bedsprings	-	94.96	96.15	91.54	94.94	-	2,38	2.38	2.30	2.31
<u>.</u> .	Office furniture	-	114.05	114.58	106.42	106.75	i -	2.64	2.64	2.51	2.50
254 253,9	Partitions; office and store fixtures Other furniture and fixtures	98.65	117.32	118.83	113.42	115.87	2.36	2.78	2.77	2.72	2.72
4)),9	Other furniture and fractires	90.05	99.12	101.48	94.30	93.68	2.50	2.36	2.36	2.24	2.22
32	STONE, CLAY, AND GLASS PRODUCTS	116.20	116.47	116.05	112.94	112.94	2.78	2.76	2.75	2.67	2.67
321	Flat glass		160.24	153.99	155.88	152.76	-:,:	3.65	3.54	3.60	3.62
322	Glass and glassware, pressed or blown	112.48		111.38	109.61	108.40	2 72				
3221	Glass containers	112.40	113.44	113.44	110.57	109.48	2.73	2.73 2.76	2.73	2.68	2.67
3229	Pressed and blown glassware, n.e.c.		109.48	108.95	108.65	106.75		2.69	2.76	2.71 2.65	2.71
324	Cement, hydraulic	136.95					t .		2,69	2.65	2.61
325	Structural clay products			133.76	131.67	126.79	3.23	3.19	3.20	3.15	3.10
3251	Brick and structural clay tile	96.32	98.16	97.99	95.08	95.72	2.39	2,40	2.39	2.28	2.29
326	Pottery and related products	-		94.11	90.31	91.16	-	2.25	2.23	2.12	2.13
327	Concrete, gypsum and plaster	l -	99.65	100.44	97.28	97.12	I -	2.51	2.53	2.42	2.41
) <u>-</u> 1	products	1177 80	121 20	121 76	115 20	118 01	2 71	0.75	0	0.60	0.01
326 D	Other stone and mineral products	117.82		121.76	115.28	118.01	2.74	2.74	2.73	2.62	2.64
326,9 3291	Abrasive products	116.90		117.32	113.25	113.10	2.81	2.81	2.80	2.69	2.68
	. Obligate DibligClS	I –	123.06	119.60	117.74	114.39	-	2.93	2.91	2.79	2.79

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

SIC	Induces:			age weekly h					ige overtime		
Code	Industry	Nov. 1966	0e <b>t.</b> 1966	Sept. 1966	Nov. 1965	0et. 1965	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0ct. 1965
	MINING	ho a	43.4	43.0	41.8	42.8	_			_	
0	METAL MINING	42.1	42.6	42.7	41.2	41.5	_	=	_	_	_
01	Iron ores	_	42.2	43.1	40.1	40.3	_	_	1 -	-	l _
02	Copper ores	_	44.1	43.4	43.5	43.9	_	_	-	_	_
1,12,	COAL MINING		42.2	40.7	37.4	41.4	] _	_		_	_
2	Bituminous		42.5	41.2	37.6	41.8				ļ	
	CRUDE PETROLEUM AND NATURAL			1	3,110			i	t		
3	GA5		42.6	42.5	42.5	42.0		1		1	
31,2	Crude petroleum and natural gas fields		40.8	40.8	41.0	40.6		1			
38	Oil and gas field services		43.9	43.7	43.6	43.0	1 .	İ	ĺ		-
4	QUARRYING AND NONMETALLIC MINING		46.9	46.9	46.6	47.1	l -		-	1	
12	Crushed and broken stone	-	48.6	48.7	47•7	49.1	· .				
	CONTRACT CONSTRUCTION	36.3	38.5	38.3	36.4	38.3					ĺ
5	GENERAL BUILDING CONTRACTORS	_	37.0	36.7	35.1	36.7	l -			l	1
5	HEAVY CONSTRUCTION	-	42.3	42.3	39.6	42.6	-			}	i -
51	Highway and street construction	-	43.5	43.5	40.2	74.0	-	l			_
52	Other heavy construction	_	41.0	40.8	39.0	40.9	, -	1	1		<u> </u>
7	SPECIAL TRADE CONTRACTORS	-	37.7	37.5	35-9	37•4	-	1	1		-
71	Plumbing, heating, and air conditioning	-	39-3	39.2	37.7	39.1	-		1	1	_
72	Painting, paperhanging, and decorating	-	35.9	36.2	34.8	36.7	-	-	1	1	-
73	Electrical work	~	39•3	39.2	37-7	39.2	-	1	1	1	-
74	Masonry, plastering, stone and tile work	-	35.3	34.6	33.4	34.8	-		1	l	-
76	Roofing and sheet metal work	-	36.0	35.1	33.0	36.3	-	-	-	-	-
~	MANUFACTURING	41.3	41.4	41.5	41.4	41.3	3.9	4.1	4.2	3.9	3.9
9,24,25,32-39	DURABLE GOODS	42.1	42.2	42.3	42.2	42.1	4.3	4.5	4.6	4.3	4.2
0-23,26-31	NONDURABLE GOODS	40.1	40.2	40.3	40.3	40.2	3.4	3.6	3•7	3.4	3.4
	Durable Goods			}			j				
9	ORDNANCE AND ACCESSORIES	42.1	42.3	42.4	42.4	42.5		4.3	4.2	3.7	3.7
92	Ammunition, except for small arms	41.3	41.3	41.3	42.5	42.6		3.6	3.5	3•7 3•8	3.7 3.6
925	Guided missiles and spacecraft,		1	1				1	0.5		J
	complete	_	41.8	42.0	43.1	43.0		_	_	_	_
94	Sighting and fire control equipment	_	39.0	41.6	40.7	40.0		2.2	3.4	2.6	2.5
91,3,5,6,9	Other ordnance and accessories	ի∱* ի	44.9	44.7	42.6	42.5		6.3	6.0	3.9	4.1
	LUMBER AND WOOD PRODUCTS, EXCEPT					•					
4	FURNITURE	40.4	40.7	40.7	40.8	41.4		3.9	4.0	3.9	4.1
42	Sawmills and planing mills	40.3	40.4	40.4	40.4	41.1		3.9	3.9	3.7	4.0
421	Sawmills and planing mills, general	~	40.2	40.1	40.3	40.9		1 3-	3.2	3-1	-
43	Millwork, plywood, and related products	40.6	40.7	40.9	41.8	41.9		3.7	3.8	4.3	4.3
431	Millwork	-	39.6	40.3	40.3	41.0		1 -	_	_	_
432	Veneer and plywood		41.8	41.5	42.9	43.0		<b>i</b> –	-	-	~
44	Wooden containers	40.3	41.0	41.5	41.6	42.2	i	3.5	4.0	3.8	4.4
441,2	Wooden boxes, shook, and crates	. <b>-</b>	41.2	41.7	41.9	41.9	ł	-	-	-	-
49	Miscellaneous wood products	41.0	41.2	41.3	41.5	41.7		4.0	4.2	3.8	3-9
:5	FURNITURE AND FIXTURES	41.2	41.8	41.8	42.0	42.2	ŀ	4.3	4.3	4.1	4.2
251	Household furniture	41.1	41.5	41.3	42.0	42.1		4.2	4.0	4.1	4.2
511	Wood house furniture, unupholstered.		42.6	42.3	42.6	42.8	İ	-	_	_	_
512	Wood house furniture, upholstered	-	40.4	39.8	42.0	41.6		-	-	-	_
515	Mattresses and bedsprings	_	39.9	40.4	39.8	41.1		-	-	-	_
52	Office furniture	_	43.2	43.4	42.4	42.7	i	5.2	4.9	3•7	4.0
54	Partitions; office and store fixtures	_	42.2	42.9	41.7	42.6		4.8	5.5	4.5	4.9
53,9	Other furniture and fixtures	41.8	42.0	43.0	42.1	42.2	· ·	4.1	5•1	3.8	4.0
2	STONE, CLAY, AND GLASS PRODUCTS	41.8	42.2	42.2	42.3	42.3	ŀ	4.7	4.7	4.6	4.7
21	Flat glass	-	43.9	43.5	43.3	42.2	l .	4.9	3.8	5.6	4.9
22	Glass and glassware, pressed or blown	41.2	40.9	40.8	40.9	40.6	- 1	4.3	4.1	4.4	4.2
221	Glass containers	-	41.1	41.1	40.8	40.4	-	-	-	-	-
229	Pressed and blown glassware, n.e.c.		40.7	40.5	41.0	40.9	-	-	-	-	-
24	Cement, hydraulic	42.4	41.6	41.8	41.8	40.9	-	2.8	3.0	2.2	1.9
25	Structural clay products	40.3	40.9	41.0	41.7	41.8		3.7	3.7	3.7	3.8
251	Brick and structural clay tile	-	41.8	42.2	42.6	42.8	-		-	-	
26	Pottery and related products	-	39•7	39•7	40.2	40.3	-	2.7	3.0	2.6	2.6
	Concrete, gypsum and plaster		l	1	1	l			1	1	
.27		1									
327	products	43.0 41.6	44.3 42.1	44.6 41.9	44.0 42.1	44.7 42.2		6.6 4.3	7.0 4.2	6.3 3.9	6.8 4.0

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

SIC				ge weekly ea					e hourly ear		
Code	Industry	Nov. 1966	0ct. 1966	Sept. 1966	Nov. 1965	0et. 1965	Nov. 1966	0ct. 1966	Sept. 1966	Nov. 1965	0ct. 1965
		1,500	1,900	1,00	1,907	1905	1 1900	1300	1500	130)	3,50,5
	Donalds Conds Continued		ł					1			
	Durable GoodsContinued				İ		J	}			
<b>3</b> 3	PRIMARY METAL INDUSTRIES	\$1,38.36	\$139.35	\$140.77	\$129.43	\$130.06	\$3.31	\$3.31	\$3.32	\$3.18	\$3.18
331	Blast furnace and basic steel products	142.31	144.43	147.80	130.64	132.01	3 - 54	3.54	3.57	3.42	3.42
3312 332	Blast furnaces, steel and rolling mills  Iron and steel foundries	130.42	145.40	148.73	131.17 125.85	132.55	3.04	3.59 3.03	3.61	3•47 2•92	3.47
3321	Gray iron foundries	-	129.33	128.46	126.29	125.13		2.98	3.01 2.96	2.89	2.91 2.87
3322	Malleable iron foundries	-	132.09	132.19	128.63	128.41	-	3.13	3.14	3.07	3.05
3323	Steel foundries	-	133.18	131.70	124.95	127.89	-	3.09	3.07	2.94	2.94
333,4 335	Nonferrous smelting and refining	132.29	132.60	132.71	125.70	125.70	3.12	3.12	3-13	3.00	3.00
3351	Copper rolling, drawing, and extruding.	7210-47	137.28	146.19	131.67	131.67 134.29	3.13	3.12 3.21	3.12 3.22	3.02 3.08	3.02 3.08
3352	Aluminum rolling, drawing, and extruding	-	137-49	139.96	137.58	135.88	-	3.19	3.21	3.17	3.16
3357	Nonferrous wire drawing and insulating ,		133.79	133.50	127.87	127.74	-	3.02	3.00	2.88	2.89
336	Nonferrous foundries	124.55	122.54	123.26	115.50	115.50	2.91	2.89	2.88	2.75	2.75
3361 3362,9	Aluminum castings	,-	122.06	124.10 122.84	115.93	115.51	_	2.92	2.92 2.85	2.78 2.72	2.77
339	Other nonferrous castings	152.85	153.56	153.91	149.16	148.28	3.53	3.53	3-53	3.39	3.37
3391	Iron and steel forgings	-	158.73	158.61	153.91	152.95	_	3.70	3.68	3.53	3.50
			ļ	ļ				1			
• 4		100 00	100 ~	101:01	110 ==	220 =0		0.00		0.0-	
34 341	FABRICATED METAL PRODUCTS	122.80	123.97 137.05	124.84	118.72	118.58	2.91	2.91 3.24	2.91	2.80	2.79
342	Cutlery, hand tools, and general hardware.	116.48	116.34	116.34	115.35	113.13	3.27 2.80	2.79	3.28 2.79	3.20 2.74	3.20 2.70
421,3,5	Cutlery and hand tools, including saws .	-	115.08	114-51	109.36	108.94		2.74	2.72	2.61	2.60
3429	Hardware, n.e.c.		117.16	117.45	119.43	115.92	-	2.83	2.83	2.83	2.76
343	Heating equipment and plumbing fixtures	109.75	113.99	114.40	108.40	109.59	2.73	2.76	2.77	2.67	2.66
3431,2 3433	Sanitary ware and plumbers' brass goods.  Heating equipment, except electric		112.61	114.54	108.54	110.00	] _	2.76 2.75	2.78 2.75	2,68 2,65	2.67 2.66
344	Fabricated structural metal products	123.68	123.25	123.83	117.04	117.45	2.91	2.90	2.90	2.78	2.77
3441	Fabricated structural steel	_	124.23	124.10	118.58	119.85		2.93	2.92	2.83	2.84
3442	Metal doors, sash, frames, and trim	-	102.31	102.16	100.56	102.43	-	2.52	2.51	2.40	2.41
3443 3444	Fabricated plate work (boiler shops) Sheet metal work	_	134.67	136.64	124.12	123.40	_	3.04	3.05	2.90	2.89
3446,9	Architectural and misc. metal work	_	127.44	127.87	119.11	121.40	-	3.02 2.88	3.03 2.87	2.87 2.81	2.87 2.80
345	Screw machine products, bolts, etc	129.63	130.79	130.92	123.88	122.76	2.90	2.90	2.89	2.79	2.79
3451	Screw machine products	-	124.10	124.03	115.81	114.22	ļ -	2.77	2.75	2.65	2.65
3452	Bolts, nurs, screws, rivets, and washers		137.26	137.41	131.85	130.82	-	3.03	3.02	2.93	2.92
346 347	Metal stampings	133.67	137.46	138.85	132.41	130.20	3.16 2.62	3.16 2.59	3-17	<b>3.0</b> 3 2 <b>.4</b> 8	3.00 2.47
348	Miscellaneous fabricated wire products	112.56	112.02	113.10	108.54	106.43	2.68	2.68	2.59 2.68	2.56	2.54
349	Miscellaneous fabricated metal products	119.85	120.56	121.13	114.26	115.23	2.84	2.85	2.85	2.74	2.75
3494,8	Valves, pipe, and pipe fittings	-	123.97	125.13	116.62	117.32	-	2.91	2.91	2.79	2.80
26		136.47	326 21	126 52	120.00	100 17	2 12	2.0	2 ,,	2 00	0.00
35 351	Engines and turbines	(*)	136.34	136.53	130.20	129.47	3.13 (*)	3.12 3.35	3.11 3.36	3.00 3.23	2.99 3.24
511	Steam engines and turbines	~	141.66	150.95	142.54	147.15	\-	3.43	3.47	3.41	3.43
3519	Internal combustion engines, n.e.c		136.45	141.10	132.40	131.46	-	3.32	3.32	3.16	3.16
52	Farm machinery and equipment	12): 90	129.97	131.57	125.63	124.50	3.5	3.17	3.14	3.02	3.00
53 531,2	Construction and related machinery  Construction and mining machinery	134.82	135.14	135.33	128.40	130.33	3.15	3.15	3.14	3.00	3.01
533	Oil field machinery and equipment	_	139.30	138.35	120.65	132.37	_	3.27 2.93	3.24 2.88	3.09 2.78	3.10 2.78
535,6	Conveyors, hoists, and industrial cranes	_	137.25	137.54	129.06	132.16	-	3.05	3.07	2.92	2.95
54	Metalworking machinery and equipment	153.77	153.31	153.05	146.19	144.00	3-35	3.34	3.32	3.22	3.20
541 544	Machine tools, metal cutting types	-	157.84	154.20	141.65	140.26	-	3-33	3.26	3.12	3.11
3545	Special dies, tools, jigs, and fixtures .  Machine tool accessories	-	165.54	164.61	161.24 132.75	158.93	_	3.09	3.09	3.46 2.95	3.44 2.94
542,8	Miscellaneous metalworking machinery.	_	142.08	141.76	136.34	133.67	-	3.20	3.20	3.12	3.08
55	Special industry machinery	128.92	129.21	129.80	122.64	121.52	2.93	2.93	2.93	2.80	2.80
551	Food products machinery	-	133.59	133.90	127.16	124.53	i -	3.05	3.05	2.93	2.93
552 555	Textile machinery	-	107.32	109.06	105.32	103.44	-	2.49	2.49	2.41	2.40
555 56	Printing trades machinery	138.22	140.16	140.16 138.40	128.10	130.46	2 12	3.20	3.20	3.00	3.02
561	Pumps; air and gas compressors	130.22	137.90	136.40	129.60	129.17	3.12	3.12 3.02	3.11	3.00 2.88	2.99 2.88
562	Ball and roller bearings	_	142.59	143.93	135.84	134.11	-	3.02	3.03 3.22	3.13	3.09
566	Mechanical power transmission goods	_	139.60	138.26	132.00	131.56	-	3.13	3.10	3.00	2.99
357	Office, computing, and accounting machines	131.86	132.06	131.02	130.11	129.81	3.11	3.10	3.09	3.04	3.04
3571	Computing machines and cash registers.		137.70	136.40	138.24	136.85		3.24	3.24	3.20	3-19
358 3585	Service industry machines	116.03	117.86	115.64	113.30	1112.61	2.83	2.84	2.80	2.73	2.72
	Refrigeration, except home refrigerators.	-	117.42	113.96	112.34	111.93		2.85	2.80	2.74	2.73 2.81

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

SIC	Todas	W		age weekly h		1			e overtime h		
Code	Industry	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0et. 1965	Nov. 1966	0ct. 1966	Sept. 1966	Nov. 1965	0ct. 1965
	Durable GoodsContinued									.	
33 331	PRIMARY METAL INDUSTRIES	41.8 40.2	42.1 40.8	42.4 41.4	40.7 38.2	40.9 38.6		4.1	4.5	3.4	3.4 1.6
312	Blast furnaces, steel and rolling mills		40.5	41.2	37.8	38.2		2.6	3.3	1.4	1.0
32	Iron and steel foundries	42.9	43.2	43.1	43.1	43.4		5.2	5-3	5.6	5-7
321	Gray iron foundries	-	43.4	43.4	43.7	43.6		- (	- {	- 1	- '
322 323	Malleable iron foundries	-	42.2	42.1	41.9	42.1		-	-	-	- 1
33,4	Nonferrous smelting and refining	42.4	43.1 42.5	42.9 42.4	42.5 41.9	43.5 41.9		4.4	4.3	3.6	3.6
35	Nonferrous rolling, drawing, and extruding.	43.9	44.ó	44.3	43.6	43.6		6.1	6.3	5.4	5.4
351	Copper rolling, drawing, and extruding	-	45.0	45.4	42.8	43.6		-	~ ]	-	-
352 357	Aluminum rolling, drawing, and extruding	-	43.1	43.6	43.4	43.0		_	-	-	• -
36	Nonferrous wire drawing and insulating .  Nonferrous foundries	42.8	44.3 42.4	44.5 42.8	44.4 42.0	44.2 42.0		4.9	5.2	4.2	4.0
361	Aluminum castings	-	41.8	42.5	41.7	41.7		7.7	2.2		~**
362,9	Other nonferrous castings		43.0	43.1	42.3	42.2		- ]	-	-	-
39	Miscellaneous primary metal industries	43.3	43.5	43.6	44.0	44.0		6.3	6.5	6.0	6.0
391	Iron and steel forgings	-	42.9	43.1	43.6	43.7		_	-		~
4	FABRICATED METAL PRODUCTS	42.6	42.6	42.9	42.4	42.5		4.7	5.0	4.4	4.5
41	Meral cans	41.9	42.3	43.8	42.6	42.0		3.6	5.1	3.5	3.6
12	Cutlery, hand tools, and general hardware.	41.6	41.7	41.7	42.1	41.9		3.7	3.8	4.0	3•7
21,3,5	Cutlery and hand tools, including saws .	-	42.0	42.1	41.9	41.9		_	_	_	
129 13	Hardware, n.e.c	40.2	41.4 41.3	41.5 41.3	42.2 40.6	42.0 41.2		3•3	3.2	2.8	3.2
131,2	Sanitary ware and plumbers' brass goods.	~	40.8	41.2	40.5	41.2					
133	Heating equipment, except electric		41.6	41.4	40.7	41.2		-		-	
4	Fabricated structural metal products	42.5	42.5	42.7	42.1	42.4		4.4	4.7	4.0	4.4
41 42	Fabricated structural sreel		42.4 40.6	42.5 40.7	41.9 41.9	42.2 42.5		_	_	_	_
43	Fabricated plate work (boiler shops)	_	44.3	44.8	42.8	42.7		_	-	- 1	_
144	Sheet metal work	-	42.2	42.2	41.5	42.3		-	-	- [	-
46,9	Architectural and misc. metal work	h.h. =	41.9	41.8	42.0	42.3		-	-	-	_
5 51	Screw machine products, bolts, etc	44.7	45.1 44.8	45.3 45.1	44.4 43.7	14.0		7.1	7.3	6.1	5-9
52	Bolts, nuts, screws, rivets, and washers		45.3	45.5	45.0	43.1 44.8		_		_	_
16	Metal stampings	42.3	43.5	43.8	43.7	43.4		5.7	6.0	5.8	5.5
<b>17</b>	Coating, engraving, and allied services	41.2	42.2	42.7	41.7	41.7		5-3	5•7	4.7	4.7
18 19	Miscellaneous fabricated wire products Miscellaneous fabricated metal products	42.0 42.2	41.8	42.2	42.4	41.9		4.5	4.5	4.4	4.3
194,8	Valves, pipe, and pipe fittings	-	42.3 42.6	42.5 43.0	41.7 41.8	41.9 41.9		4.2	4.4	3.8	3-9
5	MACHINERY	43.6	43.7	43.9	43.4	43.3		5.6	5•7	5.0	4.9
51	Engines and turbines	(*)	41.2	43.9 42.8	41.9	42.0		5.6 4.8	5.7 5.8	5.0 4.0	4.4 4.4
511 519	Steam engines and turbines	_	41.3 41.1	43.5 42.5	41.8 41.9	42.9 41.6		_	_	~	_
2	Farm machinery and equipment	_	41.0	42.7	41.9 41.6	41.5		3.6	4.0	2.8	2.8
3	Construction and related machinery	42.8	42.9	43.1	42.8	43.3		5.1	4.9	4.4	4.
31,2	Construction and mining machinery	-	42.6	42.7	42.2	42.7		-	- 1	- !	- 1
33 35,6	Oil field machinery and equipment Conveyors, hoists, and industrial cranes	-	42.8 45.0	42.8 44.8	43.4 44.2	43.5 44.8		_	_	-	_
4	Metalworking machinety and equipment	45.9	45.9	46.1	45.4	45.0		7.6	7.6	7.1	6.1
541	Machine tools, metal cutting types	-	47.4	47.3	45.4	45.1			-	-	-
44	Special dies, tools, jigs, and fixtures	-	46.5	46.5	46.6	46.2		-	-	-	-
45 42,8	Machine tool accessories	_	45.0 44.4	46.1	45.0	144.4 1.2 l.		-	_		_
5	Special industry machinery	44.0	44.1	44.3 44.3	43.7 43.8	43.4 43.4		5.7	6.1	5.3	5•:
51	Food products machinery	-	43.8	43.9	43.4	42.5		2"	-	-	
52	Textile machinery	-	43.1	43.8	43.7	43.1		- {	-	-	-
55	Printing trades machinery	1.1. 2	43.8	43.8	42.7	43.2		-	-	-	1. (
6 61	General industrial machinery Pumps; air and gas compressors	44.3	44.2 44.2	44.5 44.9	43.2	43.2	_	6.0	6.0	5.0	4.
62	Ball and roller bearings.	-	44.2 44.7	44.7	43.1 43.4	43.3 43.4	_	- [	-	-	_
66	Mechanical power transmission goods		44.6	44.6	44.0	44.0		-	-	- [	_
57	Office, computing, and accounting machines	42.4	42.6	42.4	42.8	42.7	-	4.1	3.9	4.3	4.0
571	Computing machines and cash registers.		42.5	42.1	43.2	42.9	-	-	- 1	-	-
8	Service industry machines	41.0	41.5 41.2	41.3 40.7	41.5 41.0	41.4 41.0	- :	3-3	3.3	3.0	3.1
585	Refrigeration, except home refrigerators.										

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

SIC	Industry	L		ge weekly e		1 A-+	War		ge hourly ear		1 A-F
Code	inquistry	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0et. 1965	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0ct. 1965
	Durable GoodsContinued										
<b>;</b>	ELECTRICAL EQUIPMENT AND				10.00		10.55	10.55	1- 66		
1	SUPPLIES		\$109.86	\$110.12	\$107.64	\$107.12	\$2.66	\$2.66	\$2.66	\$2.60	\$2.60
	Electric distribution equipment	116.34	116.90	119.99	115.23	114.68	2.79	2.79	2.81	2.75	2.75
11 12	Electric measuring instruments Power and distribution transformers	-	103.89	105.06	101.50 121.84	101.66	_	2.54	2.55 2.90	2.50 2.86	2.5
13	Switchgear and switchboard apparatus.	· -	123.11	128.46	122.40	121.25	l <u>-</u>	2.94	2.96	2.88	2.8
2	Electrical industrial apparatus	116.76	117.32	119.57	114.39	114.26	2.80	2.80	2.82	2.73	2.7
21	Motors and generators		118.44	121.98	116.48	116.62		2.82	2.85	2.78	2.7
22	Industrial controls	1 -	112.19	115.78	111.61	110.27	-	2.71	2.75	2.67	2.6
3	Household appliances	119.77	120.22	122.51	118.86	118.44	2.90	2.89	2.91	2.83	2.8
32	Household refrigerators and freezers		134.30	136.96	135.77	135.02	-	3.19	3.20	3.15	3.1
533	Household laundry equipment	-	122.18	125.52	122.77	124.79	-	2.98	3.01	2.93	2.9
34	Electric housewares and fans	-	97.82	98.16	97.99	99.36	-	2.38	2.40	2.39	2.4
4	Electric lighting and wiring equipment	103.63	103.63	103.82	101.93	101.27	2.54	2.54	2.52	2.48	2.4
41 42	Electric lamps	_	106.90	105.88	107.17	105.47	_	2.62	2.57	2.57 2.46	2.5
43,4	Wiring devices	1 _	101.50	101.84	100.37	100.37	l	2.50	2.49	2.45	2.4
5	Radio and TV receiving sets	100.91	103.07	94.07	93.90	93.43	2.38	2.37	2.34	2.33	2.3
6	Communication equipment	123.19	122.18	122.22	119.42	118.85	2.94	2.93	2.91	2.85	2.8
61	Telephone and telegraph apparatus		123.07	122.25	121.80	120.22		2.98	2.96	2.90	2.8
62	Radio and TV communication equipment	-	121.93	122.25	118.29	117.59	-	2.91	2.89	2.83	2.8
7	Electronic components and accessories.	92.46	91.60	91.66	90.98	89.69	2.30	2.29	2.28	2.23	2.2
71-3	Electron tubes	-	109.31	110.42	111.76	107.35	-	2.56	2.58	2.54	2.5
74,9	Electronic components, n.e.c	I	87.25	87.52	86.43	86.00	-	2.22	2.21	2.15	2.1
9 94	Misc. electrical equipment and supplies	120.58	125.04	122.43	119.70	116.62	2.97	2.97	2.95	2.85	2.8
	Electrical equipment for engines	-	128.44	126.28	123.90	120.99	<u> </u>	3.08	3.08	3.00	2.9
1	TRANSPORTATION EQUIPMENT	148,18	146.29	144.84	144.54	141.48	3.43	3.41	3.40	3.30	3.2
11	Motor vehicles and equipment	(*)	153.72	151.87	156.18	152.53	(*)	3.55	3.54	3.44	3.3
12	Passenger car bodies	1 -	163.47	159.21	164.61	162.51	_	3.69 3.69	3.66 3.70	3.54 3.67	3.5
13	Truck and bus bodies	_	153.14	129.26	112.34	113.70	_	2.89	3.02	2.72	2.7
14	Motor vehicle parts and accessories		151.28	151.28	152.43	148.85	l -	3.51	3.51	3.41	3.3
12	Aircraft and parts	144.19	143.86	143.52	138.35	134.51	3.33	3.33	3.33	3.21	3.1
721	Aircraft	-	143.14	141.71	139.75	133.34	1 3,55	3.36	3-35	3.25	3.1
722	Aircraft engines and engine parts	-	146.60	147.61	137.49	135.78	-	3.37	3-37	3.22	3.2
723,9	Other aircraft parts and equipment	-	142.52	142.85	135.91	135.41		3.21	3.21	3,11	3.1
73	Ship and boat building and repairing	127.84	132.34	129.60	123.22	125.86	3.18	3.22	3.20	3.05	3.0
731 732	Ship building and repairing	-	138.51	135.68	129.92	131.97		3.37	3.35	3.20	3.1 2.3
74 74	Boat building and repairing	-	101.43	101.18	92.98	96.05 129.03	-	2.48 3.45	2.48 3.37	2.36 3.30	3.2
75,9	Other transportation equipment		96.32	99.14	93.50	96.70	-	2.42	2.43	2.32	2.3
1	INSTRUMENTS AND RELATED PRODUCTS .	114.66	114.93	114.78	110.88	110.20	2.73	2.73	2.72	2.64	2.6
31	Engineering and scientific instruments		133.18	133.06	129.13	125.22	-	3.09	3.08	3.06	3.0
32	Mechanical measuring and control devices	114.68	116.20	115.08	111.34	110.92	2.75	2.76	2.74	2.67	2.6
21 22	Mechanical measuring devices	_	120.53	119.26	112.98	112.29	-	2.79	2.78	2.69	2.6
3,5	Optical and ophthalmic goods	1 -	109.48	109.89	108.62	108.62	! .	2.71	2.70	2.63	2.6
15,5	Ophthalmic goods	102.26	102.26	94.07	90.67	99.12 89.82	2.47	2.27	2.30	2.37 2.19	2.3
4	Surgical, medical, and dental equipment.	97.00	95.47	95.71	93.02	91.53	2.36	2.34	2.34	2.28	2.2
16	Photographic equipment and supplies	(*)	136.47	136.03	129.20	130.82	(*)	3.13	3.12	2.97	2.9
37	Watches and clocks	\ ` <u></u>	92.03	92.48	89.76	88.94	`-	2.25	2.25	2.20	2.1
) .•	MISC. MANUFACTURING INDUSTRIES	90.00	90.50	89.20	86.46	86.46		2.24	2.23	2.14	2.1
1	Jewelry, silverware, and plated ware	107.26	108.89	105.42	102.67	100.14	2.56	2.55	2.51	2.41	2.3
4	Toys, amusement, and sporting goods	-	79.40	78.41	76.62	77.39	-	1.99	1.99	1.93	1.9
41-3 49	Toys, games, dolls, and play vehicles Sporting and arhietic goods, n.e.c	_	78.00	75.66	73.68	75.58		1.95	1.94	1.87	1.8
49 5	Pens, pencils, office and art materials	1 -	82.97	84.02	82.41	82.00		2.09	2.09 2.18	2.05	2.0
6	Costume jewelry, buttons, and notions	-	90.03	88.07	85.49 77.42	76.83		2.05	2.10	1.96	1.9
3,8,9	Other manufacturing industries	97.04	97.53	96.40	94.19	94.60		2.42	2.41	2.32	2.
3	Musical instruments and parts	71.04	103.42	99.39	101.64	101.88		2.48	2.43	2.42	2.1
	Nondurable Goods FOOD AND KINDRED PRODUCTS	104.65	103.82	104.92	100.77	100.19	2.54	2.52	2.51	2.44	2.1
) )1	Meat products		113.28	114.78	109.82	108.05		2.71	2.72	2.64	2.6
11	Meat packing		133.35	136.20	130.05	127.26		3.16	3.16	3.06	3.0
013	Sausages and other prepared meats	-	121.06		118.86	115.21	-	2.91	2.93	2.83	2.8
015	Poultry dressing and packing	1 .	70.69		63.20			1.72	1.71	1.60	1 1.5

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

SIC	<u></u>			age weekly h					ge overtime l		
Code	Industry	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0et. 1965	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0et. 1965
	Durable GoodsContinued									!	
	ELECTRICAL EQUIPMENT AND								- 6	_ 1	
36	SUPPLIES	41.3	41.3	41.4	41.4	41.2	-	3.5	3.6	3.4	3.2
361 3611	Electric distribution equipment	41.7	41.9	42.7 41.2	41.9 40.6	41.7 40.5	-	3.8	4.4	3.4	3.5
3612	Electric measuring instruments	_	40.9 42.6	43.4	42.6	42.6	_ :	-	_	-	_
3613	Switchgear and switchboard apparatus.	_	42.3	43.4	42.5	42.1	_	_	_	_	_
362	Electrical industrial apparatus	41.7	41.9	42.4	41.9	41.7	_	4.1	4.7	3.7	3.5
3621	Motors and generators		42.0	42.8	41.9	41.8	_	- 1		-	
3622	Industrial controls	-	41.4	42.1	41.8	41.3	_	-	_	_	<b>-</b> .
363	Household appliances	41.3	41.6	42.1	42.0	42.0	-	3.7	4.1	3.7	3.8
3632	Household refrigerators and freezers	-	42.1	42.8	43.1	43.0	-	-	-	-	-
3633	Household laundry equipment	-	41.0	41.7	41.9	42.3	-	-	-	-	-
3634	Electric housewares and fans	1.0.0	41.1	40.9	41.0	41.4	-			3.0	21
364 3641	Electric lighting and wiring equipment	40.8	40.8	41.2	41.1	41.0	_	3.3	3.3	3.2	3.1
3642	Electric lamps	_	40.8 40.6	41.2 40.9	41.7 40.8	41.2 40.8	_	_	_	_	_
3643,4	Wiring devices	_	40.9	41.4	40.9	41.1	_	_	_	_	_
365	Radio and TV receiving sets	42.4	41.9	40.2	40.3	40.1	_	3.8	3-3	3.1	3.1
366	Communication equipment	41.9	41.7	42.0	41.9	41.7	_	3.5	3.6	3.4	3.2
3661	Telephone and telegraph apparatus	-	41.3	41.3	42.0	41.6	-		_	_	-
3662	Radio and TV communication equipment	-	41.9	42.3	41.8	41.7	_		- 1	_	-
367	Electronic components and accessories	40.2	40.0	40.2	40.8	40.4	-	2.8	2.9	3.0	2.5
3671-3	Electron tubes	-	42.7	42.8	44.0	42.6	-	-	- '	-	-
3674,9	Electronic components, n.e.c		39.3	39.6	40.2	40.0	-	-		). O	
369 3694	Misc. electrical equipment and supplies Electrical equipment for engines	40.6 -	42.1 41.7	41.5 41.0	42.0 41.3	41.5 40.6	-	3.8 -	3•5 -	4.0	3.6
37	TRANSPORTATION EQUIPMENT	43.2	42.9	42.6	43.8	43.4		5.2	4.9	6.0	5.3 6.6
371 3711	Motor vehicles and equipment	(*)	43.3	42.9	45.4	44.7 46.3	_	5 <b>.</b> 8	5 <b>.</b> 2	7.4	-
3712	Passenger car bodies	_	44.3 41.5	43.5	46.5 46.3	41.4	_	_	_	_	
3713	Truck and bus bodies	_	41.3	39.6 42.8	41.3	41.8	_	_	_		-
3714	Motor vehicle parts and accessories	-	43.1	43.1	44.7	44.3	-	_	_	-	-
372	Aircraft and parts	43.3	43.2	43.1	43.1	42.3	_	5.1	5.1	4.9	4.0
3721	Aircraft	-	42.6	42.3	43.0	41.8	-	-	-	-	-
3722	Aircraft engines and engine parts	-	43.5	43.8	42.7	42.3	-	-	-	-	-
3723,9	Other aircraft parts and equipment	<b>-</b>	44.4	44.5	43-7	43.4	-				
373	Ship and boat building and repairing	40.2	41.1	40.5	40.4	41.4	-	4.2	3.7	3.8	4.1
3731 3732	Ship building and repairing	_	41.1	40.5	40.6	41.5	_		_	_	_
374	Railroad equipment	_	40.9	40.8	39.4 40.4	40.7	_	3.1	3.0	2.5	2.2
375,9	Other transportation equipment	-	41.1 39.8	40.4 40.8	40.3	39.7 41.5		2.8	3.4	2.9	3.7
38 381	INSTRUMENTS AND RELATED PRODUCTS Engineering and scientific instruments	42.0	42.1 43.1	42.2 43.2	42.0 42.2	41.9 41.6	-	4.0 4.7	4.0 4.5	3.6 4.0	3.5 3.8
382	Mechanical measuring and control devices	41.7	42.1	42.0	41.7	41.7	_	4.3	4.4	3.4	3.5
3821	Mechanical measuring devices		43.2	42.9	42.0	41.9	-	-	-	_	_
3822	Automatic temperature controls	- ,	40.4	40.7	41.3	41.3	-	- 1	- !	-	-
383,5	Optical and ophthalmic goods	41.4	41.4	41.7	42.3	42.0	-	3.2	3.5	2.8	2.9
385	Ophthalmic goods		40.6	40.9	41.4	41.2	-	2.8	2.9	2.6	2.5
384 386	Surgical, medical, and dental equipment	41.1	40.8	40.9	40.8	40.5	-	2.8	2.9	2.7	2.5
387	Photographic equipment and supplies  Watches and clocks	(*)	43.6 40.9	43.6 41.1	43.5 40.8	43.9 40.8	Ξ.	5.0 2.9	5.1 2.8	4.8 3.1	4.8 3.0
39	MISC. MANUFACTURING INDUSTRIES	40.0	40.4	40.0	40.4	40.4	=	3.4	3-3	3.2 4.8	3.3 4.9
391	Jewelry, silverware, and plated ware	41.9	42.7	42.0	42.6	41.9 40.1	_	5.6	4.9	3.0	3.3
394	Toys, amusement, and sporting goods	_	39•9 40•0	39.4 39.0	39•7 39•4	40.2		3.2	3.3	3.0	3.3
3941-3 3949	Toys, games, dolls, and play vehicles	_	39.7	40.2	40.2	40.0	_	_	_	=	-
395	Pens, pencils, office and art materials	_	41.3	40.4	41.3	41.3	_	2.8	2.7	3.1	3.0
396	Costume jewelry, buttons, and notions	_	39.4	39.6	39.5	39.2	-	2.8	2.9	2.9	2.7
393,8,9	Other manufacturing industries	40.1	40.3	40.0	40.6	40.6	-	3.3	3.2	3.1	3.1
393	Musical instruments and parts	-	41.7	40.9	42.0	42.1	-	3.8	3.5	4.2	3.9
20 201	FOOD AND KINDRED PRODUCTS	41.2	41.2	41.8 42.2	41.3 41.6	41.4 41.4	-	4.1 4.6	4.4 5.1	3.9 4.9	4.0 4.4
201	Meat products	41.8	41.8 42.2	42.2 43.1	42.5	42.0	_	-	7.1	4.9	
2011	Sausages and other prepared meats	_	42.2	41.6	42.0	41.0	_	_	_	_	_
2015	Poultry dressing and packing		41.1	40.9	39.5	40.4	1	{	_	l	1 -

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

SIC	Industrial	Mars		ge weekly e			Merr		ge hourly ea		T 0-1
Code	Industry	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0et. 1965	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0et. 1965
	Nondurable GoodsContinued							]			İ
	FOOD AND KINDRED PRODUCTS-Continued		}					Ì			1
202	Dairy products	\$111.14	\$110.04	\$110.93	\$106.01	\$105.84	\$2.64	\$2.62	\$2.61	\$2.53	\$2.52
024	Ice cream and frozen desserts	-	108.23	110.03	103.22	104.81	-	2.74	2.71	2.64	2.64
026	Fluid milk	_	115.02	115.83	110.93	110.66	_	2.70	2.70	2.61	2.61
03	Canned and preserved food, except meats.	-	82.76	86.93	77.62	80.00	-	2.09	2.11	1.96	1.99
031,6	Canned, cured and frozen sea foods	-	67.26	59-11	60.89	64.53	-	1.90	1.83	1.72	1.73
032,3	Canned food, except sea foods	-	85.47	93.09	81.93	83.01	-	2.10	2.14	1.96	1.95
037 04	Frozen food, except sea foods Grain mill products	121.14	123.28	124.55	74.31	76.25 117.09	2.71	2.68	2.69	1.93 2.60	2.54
041	Flour and other grain mill products	_	133.56	135.36	126.78	130.35		2.86	2.88	2.75	2.75
042	Prepared feeds for animals and fowls	-	104.61	105.01	98.79	99.85	_	2.24	2.22	2.21	2.12
05	Bakery products	105.46	105.59	106.11	102.77	104.39	2,63	2.62	2.62	2,55	2.54
051	Bread, cake, and perishable products	-	107.06	108.12	104.75	104.19	-	2.65	2.65	2.58	2.56
052	Biscuit, crackers, and pretzels	-	99.35	96.82	95.50	106.14	-	2.49	2.47	2.43	2.46
06 07	Sugar	87.16	97.28	89.06	106.02 83.13	96.50 84.80	2.19	2.56	2.21	2.33	2.50
07 07 1	Confectionery and related products Candy and other confectionery products .		84.80	84.59	79.76	80.99		2.12	2.12	2.04	2.0
08	Beverages	119.88	119.25	118.73	116.93	115.14	2.96	2.93	2.91	2.88	2.85
082	Malt liquors	-	153.54	154.28	148.71	143.84	_	3.81	3.80	3.69	3.66
086	Bottled and canned soft drinks		86.24	90.71	83.22	83.03	. 7.	2.14	2.17	2.06	2.04
09	Miscellaneous food and kindred products.	103.82	104.25	104-55	101.32	99.76	2.42	2.43	2.46	2,34	2.32
!1	TOBACCO MANUFACTURERS	80.51	81.72	83.41	79-97	77.22	2.13	2.09	2.08	2.11	1.97
?11 !12	Cigarettes	_	104.79	106.23	100.73 67.30	97.99	_	1.79	2.71	2.63	1.70
			1								
22 221	Cotton broad woven fabrics	82.80	83.20	83.38	80.79	79 <b>-99</b> 83 <b>-</b> 18	2.00	2.00	1.99	1.91	1.93
22	Silk and synthetic broad woven fabrics	86.50	86.90	87.06	86.24	85.22	2.03 2.04	2.02	2.02	1.96	1.9
23	Weaving and finishing broad woolens	84.63	86.74	87.78	83.38	83.78	2.10	2.09	2.09	1.99	1.9
24	Narrow fabrics and smallwares	81.73	82.12	81.90	77.56	77.19	1.96	1.96	1.95	1.86	1.86
25	Knitting	72.76	73.52	72.93	70.13	70.31	1.88	1.89	1.87	1.78	1.7
251	Women's full and knee length hosiery		73.49	73.12	72.45	70.98	_	1.87	1.87	1.78	1.7
252	All other hosiery	-	62.37	61.99	60.67	61.46	-	1.65	1.64	1.58	1.5
253	Knit outerwear	-	77.87	75.78	72.58	72.77	-	2.06	2.01	1.92	1.9
2254	Knit underwear	92.02	68.64	69.87	67.43	66.42	2 16	1.76	1.76	1.69	1.69
2 <b>2</b> 6 227	Finishing textiles, except wool and knit.	92.02	92.66	91.59	89.63	87.74 83.96	2.16	2.16	2.14	1.93	1.9
228	Yarn and thread	77.00	78.49	79.05	76.46	76.11	1.86	1.86	1.86	1.77	1.7
229	Miscellaneous textile goods	94.37	95.46	95.90	92.23	90.95	2.21	2.22	2.22	2.14	2.12
23	APPAREL AND RELATED PRODUCTS	69.87	70.64	67.83	67.70	67.52	1.93	1.93	1.90	1.86	1.80
231	Men's and boys' suits and coats	86.41	86.87	84.83	83.98	84.36	2.28	2.28	2.25	2,21	2.2
32	Men's and boys' furnishings	60.31	60.05	59.36	59.03	58.81	1.63	1.61	1.60	1.57	1.5
321	Men's and boys' shirts and nightwear	-	58.67	57.93	58.50	59.28	-	1.59	1.57	1.56	1.5
!327 !328	Men's and boys' separate trousers	-	58.99	59.63	58.03	57.66	-	1.59	1.59	1.56	1.5
33	Work clothing	71.69	58.28 72.21	57.72 68.67	57.38 68.21	57.23 68.39	2.14	1.55 2.13	1.56 2.10	1.51 2.03	2.0
331	Vomen's blouses, waists, and shirts	11.09	61.59	59.45	60.55	59.68	Z•14	1.78	1.78	1.74	1.7
335	Women's, misses', and juniors' dresses	-	72.38	68.69	66.33	66.46	_	2.20	2.14	2.06	2.0
337	Women's suits, skirts, and coats	_	85.00	77.06	81.65	82.23	_	2.50	2.47	2.43	2.4
339	Women's andmisses' outerwear, n.e.c		64.06	63.00	62.42	61.73	_	1.76	1.75	1.71	1.7
34	Women's and children's undergaments	65.63	65.74	64.18	62.50	62.08	1.75	1.73	1.73	1.68	1.6
341	Women's and children's underwear	-	63.79	62.46	60.75	60.32	_	1.67	1.67	1.62	1.6
342	Corsets and allied gaments	-	70.50	68.07	66.07	65.69	-	1.87	1.87	1.81	1.7
35	Hats, caps, and millinery	60~~	72.86	67.86	66.18	68.95	1 72h	1.98	1.95	1.88	1.9
36 361	Girls' and children's outerwear Children's dresses, blouses, and shirts .	60.90	62.48	59.86	60.82	60,65	1.74	1.75	1.74	1.68	1.6
37,8	Fur goods and miscellaneous appare!	-	61.25	58.12 72.04	73.00	74.94	-	2.06	1.74	1.69 2.00	2.0
39	Miscellaneous fabricated textile products.	78.17	80.96	76.58	77.42	75.66	2.02	2.06	2.01	1.98	1.9
391,2	Housefurnishings	-	67.90	66.43	65.91	66.25		1.75	1.73	1.69	1.6
<b>16</b>	PAPER AND ALLIED PRODUCTS	120.81	121.37	121.92	116.85	117.12	2.79	2.79	2.79	2.68	2.6
61,2,6	Paper and pulp	139.19	138.43	138.29	131.12	131.56	3.10	3.09	3.08	2.94	2.9
63	Paperboard	139.19	140.12	138.91	136.80	136.64	3.10	3.10	3.08	3.00	2.9
64	Converted paper and paperboard products .	104.08	105.00	105.75	100.91	100.74	2.49	2.50	2.50	2.42	2.4
643	Bags, except textile bags	100 30	99.90	99-25	95.63	94.94		2.39	2.38	2.31	2.3
865	Paperboard containers and boxes:	109.39	110.17	1111.89	108.00	108.00	2.58	2.58	2.59	2.50	2.5
651,2	Folding and setup paperboard boxes		96.51	97.58	96.90	95•34		2.32	2.34	2.28	2.2

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

SIC	1			age weekly					ge overtime l		
Code	Industry	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0et. 1965	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0ct. 1965
	Nondurable GoodsContinued										
	Nontarable Goods Continued					]					
202	FOOD AND KINDRED PRODUCTS-Continued	ho 7	100	3.0 -	1.7	100		26	١. ٥	2.2	٠, -
202 2024	Dairy products	42.1	42.0 39.5	42.5 40.6	41.9 39.1	42.0 39.7		3.6	4.0	3.3	3.5
2024	Fluid milk	-	42.6	42.9	42.5	42.4		-	-	-	-
203	Canned and preserved food, except meats	~	39.6	41.2	39.6	40.2		3.1	3-5	2.8	2.9
2031,6	Canned, cured and frozen sea foods		35.4	32.3	35.4	37.3		_			
2032,3	Canned food, except sea foods	~	40.7	43.5	41.8	41.3		_	-	_	_
2037	Frozen food, except sea foods		39.8	40.2	38.5	39-1		-	- 1		
204	Grain mill products	44.7	46.0	46.3	44.5	46.1		7.7	8.5	6.2	7.6
2041 2042	Flour and other grain mill products  Prepared feeds for animals and fowls	-	46.7	47.0	46.1	47.4		_	-	-	-
2042	Bakery products	40.1	46.7 40.3	47.3 40.5	44.7 40.3	47.1 41.1		3.7	3.8	3.4	4.0
2051	Bread, cake, and perishable products		40.4	40.8	40.6	40.7		3.1	3.0	J•4	-
2052	Biscuit, crackers, and pretzels	_	39.9	39.2	39-3	42.8		-	_	_	_
206	Sugar	-	38.0	41.4	45.5	38.6		3.1	4.4	4.1	3.9
207	Confectionery and related products	39.8	40.3	40.3	39.4	40.0		2.9	3.1	2.7	3.0
2071	Candy and other confectionery products.		40.0	39.9	39.1	39•7			-	-	
208 2082	Beverages	40.5	40.7	40.8	40.6	40.4		3.7	4.0	3.3	3-5
2086	Bottled and canned soft drinks	_	40.3 40.3	40.6 41.8	40.3 40.4	39•3 40•7		-	-	-	-
209	Miscellaneous food and kindred products.	42.9	42.9	42.5	43.3	43.0		4.8	5.0	4.9	4.6
		,	ĺ			1			-	•••	
21	TOBACCO MANUFACTURERS	37.8	39-1	40.1	37.9	39.2		1.4	1.5	1.j	1.3
211 212	Cigarettes	-	39-1	39.2	38.3	37.4		1.5	1.8	.6	1.0
212	Cigars	-	37.1	36.5	38.9	38.9		1.3	•9	2.0	1.7
22	TEXTILE MILL PRODUCTS	41.4	41.6	41.9	42.3	42.1		4.2	4.4	4.6	4.5
221	Corton broad woven fabrics	42.9	42.7	43.1	43.5	43.1		4.9	5.2	5.4	5.0
222	Silk and synthetic broad woven fabrics	42.4	42.6	42.8	44.6	43.7		4.3	4.7	5.5	5.3
223	Weaving and finishing broad woolens	40.3	41.5	42.0	41.9	42.1		4.0	4.3	4.1	4.1
224	Narrow fabrics and smallwares	41.7	41.9	42.0	41.7	41.5		3.9	4.3	4.1	4.1
225	Knitting	38.7	38.9	39.0	39.4	39.5		2.6	2.7	2.7	3.1
2251	Women's full and knee length hosiery	-	39•3	39.1	40.7	40.1		_	l – i	_	-
2252	All other hosiery	-	37.8	37.8	38.4	38.9		-	-	-	-
2253 2254	Knit outerwear	-	37.8	37.7	37.8	38.3		-	-	-	-
226	Knit underwear	42.6	39.0 42.9	39•7 42•8	39.9	39.3 42.8		5.0	4.9	5.4	4.8
227	Floor covering	42.0	43.0	42.6	43.3 44.1	43.5		5.3	5.4	6.1	5.6
228	Yam and thread	41.4	42.2	42.5	43.2	43.0		4.6	5.0	5.2	5.0
229	Miscellaneous textile goods	42.7	43.0	43.2	43.1	42.9		5.0	5.2	5.1	5.1
22		-/ -	200		201	-					
23 231	Men's and boys' suits and coats	36.2	36.6	35•7	36.4	36.3		1.7	1.5	1.7	1.6
232	Men's and boys' furnishings	37.9	38.1	37.7	38.0 37.6	38.0 37.7		1.8 1.4	1.7	1.7 1.4	1.7
2321	Men's and boys' shirts and nightwear	37.0	37.3 36.9	37•1 36•9	37.5	38.0		1.4	1.3		1.5
2327	Men's and boys' separate trousers	_	37.1	37.5	37.2	37.2		-	_	-	_
2328	Work clothing	_	37.6	37.6	38.0	37.9		_	_	_	
233	Women's, misses', and juniors' outerwear .	33.5	33.9	32.7	33.6	33-2		1.4	1.2	1.3	1.3
2331	Women's blouses, waists, and shirts	-	34.6	33.4	34.8	34.1		_	-	-	-
2335	Women's, misses', and juniors' dresses	-	32.9	32.1	32.2	31.8		-	- '	i -	-
2337	Women's suits, skirts, and coats		34.0	31.2	33.6	33.7		-	-	-	-
2339 234	Women's andmisses' outerwear, n.e.c	~ -	36.4	36.0	36.5	36.1		- 1	1-0	1-	-
2341	Women's and children's undergaments  Women's and children's underwear	37•5	38.0 38.2	37.1	37.2	37.4	•	2.1	1.9	1.9	1.9
2342	Corsets and allied gaments	-	37.7	37•4 36•4	37•5 36•5	37.7 36.7		-	-	_	-
235	Hats, caps, and millinery	_	36.8	34.8	35.2	36.1		1.2	1.2	.9	1.3
236	Girls' and children's outerwear	35.0	35.7	34.4	36.2	36.1		1.4	1.5	1.6	1.4
2361	Children's dresses, blouses, and shirts.	-	35.0	33.4	36.0	36.3		_	_	-	- 1
237,8	Fur goods and miscellaneous apparel	-=	37.6	36.2	36.5	37.1		2.2	1.5	2.0	1.9
239 2391,2	Miscellaneous fabricated textile products. Housefurnishings	38 <b>.</b> 7	39•3 38•8	38.1 38.4	39.1 39.0	39.0 39.2		3.1	2.4	2.9	2.6
26		ha a		. ,		1		E 77		E 4	
261,2,6	Paper and pulp	43.3 44.9	43.5 44.8	43.7	43.6 44.6	43.7 44.9		5.7 6.6	5.8 6.5	5.6 6.3	5.8 6.4
263	Paperboard	44.9	44.0	44.9 45.1	44.6	44.9	- ;		6.5 7.4	6.3 7.6	7.9
264	Converted paper and paperboard products	41.8	42.0	42.3	41.7	41.8		7.3 4.3	4.5	4.0	4.0
2643	Bags, except textile bags	-7.00	41.8	41.7	41.4	41.1				-	-
265	Paperboard containers and boxes	42.4	42.7	43.2	43.2	43.2		5.4	5.7	5.4	5.7
2651,2	Folding and setup paperboard boxes	-	41.6	41.7	42.5	42.0			-	_	-
2653	Corrugated and solid fiber boxes		43.9	44.3	44.1	44.6	ľ	1	_	1	ŀ

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

SIC			Avera	ge weekly e	emings			Avere	ge bourly es	mings	
Code	Industry	Nov. 1966	0ct. 1966	Sept. 1966	Nov. 1965	0ct. 1965	Nov. 1966	0ct. 1966	Sept. 1966	Nov. 1965	Oct. 1965
		- 200	1	1	1			2,00	1200	1,00	
	Nondurable GoodsContinued	1									į
	PRINTING, PUBLISHING, AND ALLIED					2220 66	42.00	40.01			
27 27 l	Newspaper publishing and printing	\$124.48	\$125.51 127.73	\$125.12 127.39	\$118.97	\$119.66 122.33	\$3,20 3,51	\$3.21 3.49	\$3.20 3.49	\$3.09 3.38	\$3.10 3.37
272	Periodical publishing and printing		139.03	139.03	122,15	127.75	-	3.35	3.35	3.14	3.17
273	Books	-	116.48	117.04	111,11	111.51	-	2.78	2.80	2.71	2.70
275	Commercial printing	127,44	129.20	129.04	122,14	122.14	3.21	3,23	3,21	3.10	3.10
2751	Commercial printing, except litho	-	127.36	126.17	118.56	119.65	- 1	3.20	3.17	3.04	3.06
2752 278	Commercial printing, lithographic Bookbinding and related industries	94.18	133.25 96.29	135.96 94.92	128.96 91.48	128.15 91.72	2,44	3.29 2.45	3.30 2.44	3.20 2.37	3.18 2.37
274,6,7,9	Other publishing and printing industries .	127.26	125.26	126.81	120.90	122.38	3.23	3.22	3.26	3.10	3.13
28	CHEMICALS AND ALLIED PRODUCTS	127.87	127.26	127.14	123.06	122.06	3.03	3.03	3.02	2.93	2.92
281	Industrial chemicals	142.89	143,31	142.04	138.65	137.34	3,37	3,38	3.35	3,27	3,27
2812	Alkalies and chlorine	-	137.27	137.45	139.08	132.89	-	3.34	3.32	3.19	3.21
2818 2819	Industrial organic chemicals, n.e.c	-	153.29	151.51	147.05	146.20	-	3.59	3.54	3.46	3.44
282	Industrial inorganic chemicals, n.e.c Plastics materials and synthetics	126.48	137.10	136.92 125.33	132.48	131.52	2.99	3.28 2.99	3.26 2.97	3.20 2.88	3.20 2.86
2821	Plastics materials and tesins	-	140.11	138.03	136.64	133.93	2.99	3.17	3.13	3.05	3.03
2823,4	Synthetic fibers		110.97	112.20	109.59	108.12	1 -	2.74	2.75	2,66	2,65
283	Drugs	116.05	115.49	114.24	109.74	108.79	2.81	2.81	2.80	2.67	2,66
2834 284	Pharmaceutical preparations	123,81	109.47 122.35	107.59	105.71	104.52	2.92	2.73 2.92	2.71 2.93	2.61 2.81	2.60 2.82
2841	Soap, cleaners, and toilet goods Soap and detergents		149.53	150.07	139.53	140.03		3.51	3.49	3.33	3.35
2844	Toilet preparations	_	100.53	100,94	96.35	95.18	_	2.44	2.45	2.35	2.35
285	Paints, vamishes, and allied products	116,97	118,40	119.83	113.71	113.44	2,86	2.86	2.86	2.76	2.74
287	Agricultural chemicals	104.23	106.21	105.15	100,44	100.01	2,47	2.47	2,48	2.38	2.37
2871, 2 286,9	Fertilizers, complete and mixing only .	122.00	102,62	100.25	95.15	96.02	2.91	2.37	2.37	2.26	2.27
200,9	Other chemical products PETROLEUM REFINING AND RELATED	123.09	122,64	123.97	119.00	118.58	2.91	2.92	2.91	2.84	2.83
29	INDUSTRIES	144.48	145.09	146.80	143.05	141.10	3,44	3.43	3.43	3.39	3.32
291	Petroleum refining	151.32	149.76	152.04	150.78	147,49	3,62	3.60	3,62	3.59	3.52
295,9	Other petroleum and coal products	120.55	128.86	130.87	114,65	119.71	2.81	2.87	2.87	2.66	2.69
30	RUBBER AND MISCELLANEOUS PLASTICS	112,44	113,52	114.21	111.94	112.36	2.69	2.69	2.70	2.64	2.65
301	Tires and inner tubes	163.37	167,10	165,99	161.73	165.62	3.73	3.73	3.73	3.61	3.64
302,3,6	Other rubber products	110.51	110.62	110.72	107.01	105.06	2.65	2,64	2,63	2,56	2.55
307	Miscellaneous plastics products	94.35	95.04	95.04	93,44	94.08	2.29	2.29	2.29	2.23	2,24
31 311	LEATHER AND LEATHER PRODUCTS	75,06	74.68 102.47	74.09 101.45	72.96 101.50	71.82	1.97 (*)	1.96 2.53	1.96 2.53	1.91 2.44	1.90
314	Footwear, except rubber	71.63	71.06	71.25	68.82	67.53	1.90	1.89	1.89	1.84	2.44 1.83
312,3,5-7,9	Other leather products	75.27	75.27	72.18	72.93	72.56	1.95	1.94	1.93	1.87	1.87
317	Handbags and personal leather goods	-	72.20	66.22	71.34	70.80		1,90	1.86	1.82	1.82
-	TRANSPORTATION AND PUBLIC UTILITIES:										
	RAILROAD TRANSPORTATION:		l .								1
4011	Class I milroads <sup>2</sup>	1	(*)	(*)	133.04	128.23		(*)	(*)	3,01	3.01
	LOCAL AND INTERURBAN PASSENGER	[			ł				1		ĺ
	TRANSIT:				1,,,,	110 50				0.40	
411 413	Local and suburban transportation Intercity and rural bus lines	-	116.10	112.83 149.57	109.20	110.50 136.22	-	2.70 3.29	2.68 3.28	2.60 3.10	2,60 3,11
	MOTOR FREIGHT TRANSPORTATION AND										
42	STORAGE		138.03	138.78	131.75	133.61	-	3.21	3.22	3.10	3.10
422 46	Public warehousing	-	96.88	98.16 152.77	94.35	93.06	-	2.34	2.40	2.29	2,20
₩	PIPELINE TRANSPORTATION	-	151.88	Ì	149.19	147.50	-	3.75	3,69	3,63	3,58
48	COMMUNICATION	-	119.25	119.43	119.97	116.97	-	2.93	2,92	2.87	2.86
481	Telephone communication	-	113.55	114,11	115.50	111.66	-	2.79	2.79	2.75	2.73
4817 4818	Switchboard operating employees 5 Line construction employees 4	_	85.04 161.47	83.76 163.68	89.15 163.31	83.63 159.74	-	2.28 3.48	2.27 3.49	2.24 3.46	2.23 3.45
482	Telegraph communication 5	_	129.86	131.94	126,44	124.56	_	3.02	3.04	2.92	2.89
483	Radio and television broadcasting	-	155.56	152.82	149.60	151.93	-	3.86	3,83	3.74	3.77
49	ELECTRIC, GAS, AND SANITARY SERVICES	_	140.87	137.86	135.43	134,69	-	3,37	3,33	3,24	3,23
491	Electric companies and systems	-	141.78	139.93	134.96	135.38	-	3.40	3.38	3.26	3.27
492	Gas companies and systems	1	131.67	128.03	124,50	125.52	-	3.15	3,10	3.00	3.01
493 494-7	Combined utility systems	-	153.30	149.82	150.88	147.77	-	3,65	3,61	3.55	3.51
7777	· vectt, ottam, and sanitary systems	٠ –	111.79	111.24	107.49	1 106.08	- (	2.72	2.70	2.59	2.55

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

SIC	1			age weekly l					ge ovenime l		
Code	Industry	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0et. 1965	Nov. 1966	0c <b>t.</b> 1966	Sept. 1966	Nov. 1965	0ct. 1965
	Nondurable GoodsContinued						·				
	PRINTING, PUBLISHING, AND ALLIED										
27	INDUSTRIES	38.9	39.1	39.1	38.5	38.6	-	3.9 3.1	4.0	3.2 2.7	3.4 2.8
271	Newspaper publishing and printing	36.8	36.6	36.5	36.3	36.3	-		3.0	2.7	2.8
272 273	Periodical publishing and printing	-	41.5	41.5 41.8	38.9 41.0	40.3 41.3	-	5•7 4•9	5.8 5.2	3.3 4.2	4.3
275	Books	39.7	41.9 40.0	40.2	39.4	39.4	_	4.3	4.4	3.4	3.6
2751	Commercial printing, except litho	39.1	39.8	39.8	39.0	39.1		7.5	-	J•+	-
2752	Commercial printing, lithographic	-	40.5	41.2	40.3	40.3	-	-	} - {	_	
278	Bookbinding and related industries	38.6	39-3	38.9	38.6	38.7	-	3.3	3-3	2.5	2.6
274,6,7,9	Other publishing and printing industries.	39.4	38.9	38.9	39.0	39.1	_	3.7	3.9	2.9	3.4
28 281	CHEMICALS AND ALLIED PRODUCTS	42 <b>.2</b> 42.4	42.0 42.4	42.1 42.4	42.0 42.4	41.8 42.0	-	3.6 3.7	3.5 3.5	3.0 3.0	3.0 3.1
2812	Alkalies and chlorine	42.4	41.1	41.4	43.6	41.4	-	2+1	3.7	3.0	3.1
2818	Industrial organic chemicals, n.e.c	_	42.7	42.8	42.5	42.5	-	-	-	-	-
2819	Industrial inorganic chemicals, n.e.c	. <b>-</b>	41.8	42.0	41.4	41.1	-	-	-	-	-
282 2821	Plastics materials and synthetics Plastics materials and resins	4 <b>2.</b> 3	42.1 44.2	42.2	42.6 44.8	42.2 44.2	-	3.4	3.2	2.9	2.9
2823,4	Synthetic fibers	_	44.2	44.1 40.8	44.8	44.2	-			-	_
283	Drugs	41.3	41.1	40.8	41.1	40.9	_	2.8	3.1	2.9	2.8
2834	Pharmaceutical preparations		40.1	39.7	40.5	40.2	_	-	-		-
284	Soap, cleaners, and toilet goods	42.4	41.9	41.9	41.4	41.1	-	3.8	3.9	3.1	3.0
2841	Soap and detergents	-	42.6	43.0	41.9	41.8		-	-	-	-
2844 285	Toilet preparations	-	41.2 41.4	41.2 41.9	41.0 41.2	40.5 41.4	-	-	3.4	2.5	7
287	Agricultural chemicals	40.9 42.2	43.0	42.4	42.2	42.2	_	3•3 4•7	4.2	3.5	2.7 3.6
2871,2	Fertilizers, complete and mixing only .		43.3	42.3	42.1	42.3	_	<u> </u>		3.7	2.0
286,9	Other chemical products	42.3	42.0	42.6	41.9	41.9	_	3.7	3.8	3.2	2.9
	PETROLEUM REFINING AND RELATED				<b>.</b>	. :			}		
29 291	INDUSTRIES	42.0	42.3	42.8	42.2	42.5	-	3.3	3.7	2.8	3.1
295,9	Petroleum refining	41.8	41.6	42.0 45.6	42.0	41.9 44.5	_	2.1	2.6	2.2	2.2 6.1
•	RUBBER AND MISCELLANEOUS PLASTICS	42.9	44.9	'	43.1	44.5		7•3	7.4	5.2	6.1
30 301	PRODUCTS	41.8	42.2	42.3	42.4	42.4	_	4.8	4.7	4.6	4.8
302,3,6	Tires and inner tubes	43.8 41.7	44.8	44.5	44.8 41.8	45.5	-	6.5	6.1	6.5	7.4
307	Miscellaneous plastics products	41.2	41.9 41.5	42.1 41.5	41.0	41.2 42.0	_	4.3 4.4	4.4 4.5	4.0 4.3	3.8 4.5
31	LEATHER AND LEATHER PRODUCTS	38.1	38.1	37.8	38.2	37.8	-	1.9	2.0	2.1	1.9
311	Leather tanning and finishing	(*)	40.5	40.1	41.6	41.3	-	3.3	3.4	4.0	3.5
314	Footwear, except rubber	37.7	37.6	37.7	37.4	36.9	_	1.5	1.7	1.6	1.5
312,3,5-7,9 317	Other leather products	38.6	38.8	37.4	39.0	38.8	_	2.5	2.5	2.7	2.4
-	TRANSPORTATION AND PUBLIC UTILITIES:	-	38.0	35.6	39•2	38.9		2.4	2.2	2.8	2.6
	RAILROAD TRANSPORTATION:										
4011	Class I railroads <sup>2</sup>		(*)	(*)	44.2	42.6					
	LOCAL AND INTERURBAN PASSENGER										
411	TRANSIT:		100	42.1	42.0	10 E		}			
413	Local and suburban transportation Intercity and tural bus lines	-	43.0 43.1	45.6	44.1	42.5 43.8	-	-	-	-	:
	MOTOR FREIGHT TRANSPORTATION AND			ļ .							
42	STORAGE	-	43.0	43.1	42.5	43.1	-	-	[ - ]	-	-
422: 46	Public warehousing	-	41.4	40.9 41.4	41.2 41.1	42.3	_	_	-	-	-
	PIPELINE TRANSPORTATION	_	40.5			41.2	_	_	_	_	_
48	COMMUNICATION	-	40.7	40.9	41.8	40.9	-	1 <u>-</u>	-	<u>-</u>	_
481 4817	Telephone communication Switchboard operating employees <sup>3</sup>	- -	40.7	40.9	42.0	40.9	-	-	-	_	_
481 / 4818	Line construction employees	_	37·3 46.4	36.9 46.9	39.8 47.2	37•5 46•3	_	_	-		_
492	Telegraph communication 5	-	43.0	43.4	43.3	43.1	-	-	-		-
483	Radio and television broadcasting		40.3	39.9	40.0	40.3	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	41.8	41.4	41.8	42.7	-	-	-	-	-
491 492	Electric companies and systems Gas companies and systems	_	41.7	41.4	41.4	41.4	_	-	1 -	_	
492	Combined utility systems	_	41.8 42.0	41.3	41.5	41.7 42.1	_	-		_	l -
494-7	Water, steam, and sanitary systems		41.1	41.5 41.2	42.5 41.5	41.6	Ì	l _	1 - 1		ا _

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

SIC			Averag	e weekly ea	mings			Avera	ge hourly es	mings	
Code	Industry	Nov. 1966	0ct. 1966	Sept. 1966	Nov. 1965	0ct. 1965	Nov. 1966	0ct. 1966	Sept. 1966	Nov. 1965	0et. 1965
_	WHOLESALE AND RETAIL TRADE	\$79.42	\$79.86	\$79.92	\$77.17	\$77.42	\$2.17	\$2.17	\$2.16	\$2.08	\$2.07
50	WHOLESALE TRADE	112.59	112.74	111.93	108.12	107.57	2.78	2.77	2.75	2.65	2.6
501	Motor vehicles and automotive equipment		105.41	106.26	101.82	101.33		2.54	2.53	2.43	2.4
502	Drugs, chemicals, and allied products	_	115.37	115.66	111.24	110.84	_	2.87	2.87	2.74	2.73
503	Dry goods and apparel	_	110.78	108.95	104.98	105.46	_	2.90	2.89	2.77	2.79
504	Groceries and related products	_	103.48	103.89	96.08	96.46	_	2.53	2.54	2.39	2.3
506	Electrical goods	_	129.60	127.97	128.63	127.02	_	3.00	2.99	2.93	2.9
507	Hardware, plumbing, and heating goods .	_	108.14	108.12	104.04	104.19	-	2.67	2.65	2.55	2.5
508	Machinery, equipment, and supplies	_	124.94	122.18	116.88	116.75	_	3.04	2.98	2.83	2.8
509	Miscellaneous wholesalers		111.48	111.35	108.81	108.00	_	2.78	2.77	2.70	2.68
52-59	RETAIL TRADE	68.48	68.87	69.09	66.77	67.33	1.94	1.94	1.93	1.86	1.86
53	General merchandise stores	00.40	61.15	61.38	58.74	59.79		1.87	1.86	1.78	1.79
531·	Department stores	_	65.27	65.54	61.88	63.69	_	1.99	1.98	1.91	1.93
		_			1 1 1 1 1	69.81	_			1.89	
532	Mail order houses	_	70.04	71.25	68.61		_	2.03	2.03		1.99
533	Limited price variety stores		46.21	46.66	44.64	44.62	_	1.51	1.52	1.44	1.43
54	Food stores	ŀ	71.60	72.76	70.98	70.51	•	2.15	2.14	2.10	2.08
541-3	Grocery, meat, and vegetable stores	-	72.81	74.00	72.21	71.87	-	2.18	2.17	2.13	2.12
56	Apparel and accessories stores	-	58.79	59.01	57.23	57-93	-	1.82	1.81	1.75	1.7
561	Men's and boys' apparel stores	-	72.24	71.48	69.05	70.09	-	2.10	2.06	1.99	1.98
562	Women's ready-to-wear stores	-	52.80	52.98	51.84	51.99	-	1.65	1.63	1.60	1.59
565	Family clothing stores	-	58.18	57.32	56.72	57.44	-	1.79	1.78	1.74	1.73
566	Shoe stores	-	57.34	60.41	56.03	57-33	-	1.88	1.93	1.79	1.82
57	Furniture and appliance stores	-	91.96	91.64	89.10	89.15	-	2.34	2.32	2.25	2.2
571	Furniture and home furnishings	-	91.01	90.46	88.13	88.18	- 1	2.31	2.29	2.22	2.21
58	Eating and drinking places 6		47.91	48.00	45.49	46.02	-	1.43	1.42	1.33	1.3
52,55,59	Other retail trade	-	86.40	85.81	84.03	84.45	1 -	2.16	2.14	2.08	2,08
52	Building materials and hardware	-	93.41	93.21	89.25	90.52	- 1	2.24	2.23	2.13	2.14
551,2	Motor vehicle dealers		109.31	106.50	106.76	105.65	-	2.56	2.50	2.46	2,41
553,9	Other vehicle and accessory dealers		90.48	89.20	85.93	86.17	-	2.08	2.06	1.98	1.99
591	Drug stores		63.05	63.46	62.11	61.94	- 1	1.86	1.85	1.79	1.78
598	Fuel and ice dealers		102.85	99.25	99.06	97.78		2.42	2.38	2.32	2.2
	FINANCE, INSURANCE, AND REAL	1				1	]	ļ	1		1
	ESTATE7	93-25	92.88	92.01	90,27	89.65	2.50	2.49	2.48	2,42	2.43
60	Banking	1 /302/	83,40	82.14	80.35	80.35		2.23	2.22	2.16	2.16
61	Credit agencies other than banks	-	87.09	85.27	84.67	85.05		2.31	2.28	2.24	2.2
612	Savings and loan associations		87.93	86.25	84.22	84.82	-	2.37	2.35	2.27	2.2
62	Security dealers and exchanges		133.19	133.20	135.72	131.89	-	3.59	3.60	3.60	3.44
63	Insurance carriers	_	100.44	99.70	96.87	96.61	i -	2.70	2.68	2.59	2.5
631	Life insurance	_	100.19	99.82	96.15	95.89	_	2.73	2.72	2.62	2.6
632	Accident and health insurance		88.45	90.27	85.98	85.47	l -	2.41	2.42	2.33	2.3
633	Fire, marine, and casualry insurance.	ł	102.82	101.52	99.44	99.18		2.72	2.70	2.61	2.6
055	SERVICES AND MISCELLANEOUS: Hotels and lodging places:		102.02	101.72	39.44	99.10		2.15	2.10	2.01	2.0.
701	Hotels, tourist courts, and motels 6  Personal Services:		55.06	53-73	51.99	52.30		1.48	1.46	1.39	1.3
721	Laundries, cleaning and dyeing plants.		62.65	61.88	58.83	60.14		1.64	1.62	1.54	1.5
#a1	Motion pictures:		166.57	159.29	152.09	157.16	l _	3.91	3.82	3.87	3.8
781	Motion picture filming and distributing	-	T00.21	177.67	172.09	12(.10	L	1 2•A⊤	3.02	3.07	1 2.0

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

ĆT.C	}		Ave	rage weekly	hours			Averag	e overtime h	ours	
SIC Code	Industry	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0et. 1965	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0et 1965
-	WHOLESALE AND RETAIL TRADE	36.6	36.8	37.0	37.1	37.4					·
50	WHOLESALE TRADE	40.5	40.7	40.7	40.8	40.9				_	
501	Motor vehicles and automotive equipment	40.)	41.5	42.0	41.9	41.7			- 1	_	
502	Drugs, chemicals, and allied products	_	40.2	40.3	40.6	40.6	_	_	_	_	
503	Dry goods and apparel.	_	38.2	37.7	37.9	37.8	١ _	_	_	_	
504	Groceries and related products	_	40.9	40.9	40.2	40.7	l _	_	_ 1	_	
506	Electrical goods		43.2	42.8	43.9	43.5	_	_	_	_	
507	Hardware, plumbing, and heating goods	_	40.5	40.8	40.8	40.7	_	_	_	_	
508	Machinery, equipment, and supplies	_	41.1	41.0	41.3	41.4	] _		_	_	
509	Miscellaneous wholesalers	_	40.1	40.2	40.3	40.3	_		_	_	
52-59	RETAIL TRADE.		35.5	35.8	35.9	36.2	l _		_	_	ļ
53	General merchandise stores	35+3				33.4	1 _		_	_	}
	1 -	_	32.7	33.0	33.0		_	~	_	_	
531	Department stores	-	32.8	33.1	32.4	33.0	] _	-	_	_	
532	Mail order houses	-	34.5	35.1	36.3	35.8	1 -		_	_	
533	Limited price variery stores	_	30.6	30.7	31.0	31.2	1 -	-	_	_	İ
54	Food stores		33•3	34.0	33.8	33.9	1 -		_	_	ł
541-3	Grocery, meat, and vegetable stores	-	33-4	34.1	33.9	33.9	-	-	_	_	1
56	Apparel and accessories stores	_	32.3	32.6	32.7	33.1	-	-	_	_	1
561	Men's and boys' apparel stores	-	34.4	34.7	34.7	35.4	-	-	_	_	1
562	Women's ready-to-wear stores	-	32.0	32.5	32.4	32.7	i -	-	_	_	İ
565	Family clothing stores	~	32.5	32.2	32.6	33.2	-	-	_	~	
566	Shoe stores	-	30.5	31.3	31.3	31.5	-	-	Į.		
57	Furniture and appliance stores	~	39.3	39-5	39.6	39.8	-	-	-	-	
571	Furniture and home furnishings	-	39.4	39•5	39.7	39.9	-	-	-		
58	Eating and drinking places 6	-	33-5	33.8	34.2	34.6	-	-	-	-	ļ.
52,55,59	Other retail trade	~	40.0	40.1	40.4	40.6	1 ~	-	-	_	ł
52	Building materials and hardware	-	41.7	41.8	41.9	42.3	-	-	-	-	1
551,2	Motor vehicle dealers	-	42.7	42.6	43.4	43.3	-	-	-	-	}
553,9	Other vehicle and accessory dealers		43.5	43.3	43.4	43-3	i -	-	-	-	1
591	Drug stores	_	33.9	34.3	34.7	34.8	-	-	-	-	{
598	Fuel and ice dealers FINANCE, INSURANCE, AND REAL	-	42.5	41.7	42.7	42.7			·	•	
	ESTATE <sup>7</sup> · · · · · · · · · · · · · · · · · · ·	37.3	37-3	37.1	37.3	37.2	1	l	. !	•	l
60	Banking	-	37.4	37.0	37-2	37-2	1	1		•	}
61	Credit agencies other than banks	-	37.7	37.4	37.8	37.8		1		-	
612	Savings and loan associations	-	37.1	36.7	37-1	37.2	l	l	•	-	J
62	Security dealers and exchanges	-	37.1	37.0	37-7	37-9	1		·	_	
63	Insurance carriers	_	37.2	37.2	37.4	37-3				-	
631	Life insurance	-	36.7	36.7	36.7	36.6	1 .		ļ ·	-	
632	Accident and health insurance	-	36.7	37.3	36.9	37.0	1 -	ļ		-	1
633	Fire, marine, and casualty insurance		37.8	37.6	38.1	38.0	1	1	1	•	
	SERVICES AND MISCELLANEOUS: Hotels and lodging places:						1				
701	Hotels, tourist courts, and motels 6		37.2	36.8	37-4	37-9	1	[	1		1
721	Personal Services: Laundries, cleaning and dyeing plants.		38.2	38.2	38.2	38.8					
781	Motion pictures:  Motion picture filming and distributing.		42.6	41.7	39•3	40.4	1	1		_	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

<sup>&#</sup>x27;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.

\*\*Peginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more. Data for March 1966: \$135.12, \$3.05, and 44.3. April 1966: \$132.75, \$3.08 and 43.1. May 1966: \$135.83, \$3.08, and 44.1. June 1966: \$137.54, \$3.07 and 44.8.

\*\*Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1965, such employees made up 33 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

\*\*Data relate to employees in such occupations in the telephone industry as central office craftmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1965, such employees made up 33 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

\*\*Data relate to prosupervisory employees except messengers.

<sup>&</sup>lt;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.

<sup>&#</sup>x27;Not available.

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

	(Employment in thousands-includes both supervisory and nonsupervisory employees)												
						1966					19	65	
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
						EXEC	UTIVE BR	ANCH					
Total employment	39.2	39.8	39.8	39-5	2,481.5 39.6	39-9	40.1	40.4	40.1	42.2	40.7	40.6	2,341.3 40.5
Average overtime hours Indexes (1965=100): Average weekly earnings	1.0	1.0		_	1.3	101.1	102.5	103.3	1.4	3.1 108.8	104.0	1.1	1.1 99.1
Average weekly earnings	105.8				103.2	102.6	103.5	103.5	103.5	104.4	103.5	100.3	99.1
	}					DEPART	MENT OF D	EFENSE					
Total employment	1,042.8 40.4 1.4	41.0	40.7	40.8	1,001.5 40.7 1.7	991.9 41.1 1.7	980.0 41.1 2.0	964.8 41.2 1.9	956.2 41.1 1.7	951.6 41.3 1.6	956.0 41.2 1.5	949.4 41.3 1.6	943.4 41.2 1.6
Average weekly earnings Average hourly earnings	103.6 104.6	102.5 102.0				102.8 102.0	103.9 103.2	104.2 103.2	103.9 103.2	103.9 102.6	103.9 102.9	101.2 100.0	100.4 99.4
						POST OF	FICE DEPA	RTMENT					
Total employment	682.0 37.2 .6				38.0	652.8 38.6 1.1	639.5 39.2 1.2	632.4 40.2 1.5	624.4 39.4 1.5	771.5 47.1 8.2	617.8 40.9 1.8	608.0 40.7 •5	602.8 40.5 .4
Average weekly earnings Average hourly earnings	96.9 107.6				95.3 103.6	97•2 104•0	99.0 104.3	101.8 104.6	100.1 105.0	126.8 111.2	103.6 104.6	97•9 99•3	96.1 98.0
						ОТ	HER AGENC	CIES					
Total employment	831.6 39.5 •9	39•9 •8	40.1 •9	39.4 1.1		816.8 39.5 1.0	809.3 39.5 1.1	802.5 39.6 1.1	794.8 39.5 .9	39.4	1.0	795•3 39•7 •9	39•7 •9
Average weekly earnings Average hourly earnings	105.7 105.7	104.0 103.0				102.7 102.7	103.3 103.3	103.5 103.3	103.5 103.5	103.0 103.3	104.8 103.8	101.3 100.8	99•7 99•2

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

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

Ordnance and accessories Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Primary metal industries Fabricated metal products Machinery Electrical equipment and supplies Transportation equipment Instruments and related products Miscellaneous manufacturing industries		Ave	rage hourly earnings	excluding overtime1	
Major industry group	Nov. 1966	0et. 1966	Sept. 1966	Nov. 1965	0et. 1965
MANUFACTURING	\$2.63	\$2.62	\$2.61	\$2.53	\$2,52
DURABLE GOODS	2.80	2.79	2.78	2.69	2.68
Ordnance and accessories	-	3.08	3.07	3.04	3.04
Lumber and wood products, except furniture	-	2.21	2.22	2.10	2.11
Furniture and fixtures	-	2.13	2.12	2.06	2.05
Stone, clay, and glass products	-	2.62	2.61	2.53	2.53
Primary metal industries	-	3.16	3.15	3.06	3.06
Fabricated metal products	-	2.76	2.75	2.66	2.65
Machinery	-	2.94	2.92	2.84	2.83
Electrical equipment and supplies	-	2.55	2.54	2.50	2.50
Transportation equipment	-	3.21	3.21	3.09	3.07
Instruments and related products	-	2.60	2.60	2,53	2.52
Miscellaneous manufacturing industries	-	2.14	2.14	2.06	2.06
NONDURABLE GOODS	2.39	2.37	2.36	2.29	2.28
Food and kindred products	-	2.40	2.39	2.33	2.31
Tobacco manufacturers	-	2.05	2.04	2.08	1.94
Textile mill products	-	1.90	1.89	1.81	1.80
Apparel and related products	-	1.88	1.86	1.82	1.82
Paper and allied products	<u> </u>	2.62	2.61	2.52	2.52
Printing, publishing, and allied industries	(2)	(2)	(2)	(2)	<b>(</b> 2)
Chemicals and allied products	/	2.91	2.90	2.83	2.82
Petroleum refining and related industries	-	3.30	3.29	3.28	3.21
Rubber and miscellaneous plastics products	-	2.55	2.55	2.50	2.51
Leather and leather products	-	1.91	1.91	1.86	1.85

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

Not available as average overtive rates are significantly above time and one-half. Inclusion of data for the group in the nondurable goods total has little effect.

Table C-5: Gross and spendable average weekly earnings in selected industries,

in current and 1957-59 dollars 1

					Spen	dable avera	ge weekly ea	mings	
Industry	Gross av	rerage weekl	A caturuds	Worker	with no dep	endents	Worker	with three d	ependents
aldes ti y	0et.	Sept.	0et.	0et.	Sept.	0et.	0et.	Sept.	0et.
	1966	1966	1965	1966	1966	1965	1966	1966	1965
MINING: Current dollars	\$135.41	\$133.73	\$126.26	\$1.09.46	\$108.11	\$104.10	\$118.36	\$116.94	1112.59
	118.26	117.20	114.37	95.60	94.75	94.29	103.37	102.49	101.98
CONTRACT CONSTRUCTION: Current dollars	152.46 133.15	151.67 132.93	144.39 130.79	122.83 107.28	122.21 107.11	118.55 107.38	132.52 115.74	131.86	127.81 115.77
MANUFACTURING: Current dollars	113.85	113.71	109.03	92.72	92.61	90.28	100.65	100.54	98.04
	99.43	99.66	98.76	80.98	81.17	81.78	87.90	88.12	88.80
WHOLESALE AND RETAIL TRADE:  Current dollars	79.86	79•92	77.42	66.39	66.44	64.91	73.38	73.43	71.85
	69.75	70•04	70.13	57.98	58.23	58.80	64.09	64.36	65.08
FINANCE, INSURANCE, AND REAL ESTATE:  Current dollars	92.88	92.01	89.65	76.64	75•95	74.61	83.90	83.19	81.80
	81.12	80.64	81.20	66.93	66•56	67.58	73.28	72.91	74.09

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

NOTE: Data for the current month are preliminary.

Table C-6: Indexes of aggregate weekly man-hours and payrolls in industrial and construction activities 1

		1957-59=100			
	Nov.	Oct.	Sept.	Nov.	Oct.
<u>_</u>	1966	1966	1966	1965	1965
			Man-hours	<del></del>	
DTAL	116.9	119.5	1.20.0	112.7	113.9
MINING	81.4	84.5	84.7	82.7	84.3
CONTRACT CONSTRUCTION	110.6	123.5	126.1	113.2	122.9
MANUFACTURING	119.9	120.6	120.7	114.1	113.8
DURABLE GOODS	126.7	127.1	126.9	118.5	117.6
Ordnance and accessories	158.0	153.7	150.9	122.6	120.9
Lumber and wood products, except furniture	95•3	98.0	100.2	99.1	101.0
Furniture and fixtures	128.6	130.3	130.0	124.0	124.3
Stone, clay, and glass products	109.1	111.7	113.5	111.0	111.9
Primary metal industries	114.5	115.6	117.7	105.4	107.3
Fabricated metal products	129.5	130.0	130.2	123.1	121.6
Machinery	137.8	137.5	138.0	126.6	124.8
Electrical equipment and supplies	154.5	153.9 121.9	152.1 119.4	135•3 115•6	132.5
Instruments and related products	123.2 129.9	130.0	129.3	118.5	117.1
Miscellaneous manufacturing industries	122.0	124.7	121.5	121.8	122.6
NONDURABLE GOODS	111.0	112.0	112.6	108.3	108.8
Food and kindred products	98.9	101.6	106.3	98.6	101.8
Tobacco manufactures	90.0	97.7	100.4	89.6	107.0
Textile mill products	104.6	105.1	105.8	104.9	104.1
Apparel and related products	119.5	121.1	117.7	117.3	117.3
Paper and allied products	118.4	117.4	117.5	113.1	113.0
Printing, publishing, and allied industries	118.8	119.4	118.7	112.7	112.3
Chemicals and allied products	116.7	116.7	116.9	110.6	109.8
Petroleum refining and related industries	79•3	80.2	82.2	78.1	79.8
Rubber and miscellaneous plastic products	154.3	154.1	152.1	143.3	141.0
Leather and leather products	97.1	96.7	96.7	97.6	95.1
<b>[</b> -			Payrolls	1	<u></u>
MINING	101.4	105.6	105.4	98.0	99.8
CONTRACT CONSTRUCTION	154.8	173.2	177.0	150.1	164.1
MANUFACTURING	156.4	156.9	156.7	142.9	141.8

<sup>&</sup>lt;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.

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## ESTABLISHMENT DATA SEASONALLY ADJUSTED HOURS

Table C-7: Average weekly hours of production workers on payrolls of selected industries!

Industry	Nov. 1966	0ct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965
MINING	42.4	42.8	42.9	42.4	43.2	42.9	42.6	41.7	,43.2	42.7	42.6	42.9	42.1
CONTRACT CONSTRUCTION	37.1	37•3	37•7	36.9	37.8	37•4	36.1	37•2	38.5	38.1	37.8	<b>3</b> 8 <b>.</b> 6	37.2
MANUFACTURING	41.3 3.7	41.3 4.0	41.5 3.9	41.4 4.0	41.0 3.8	41.3 3.9	41.5 4.0	41.5 4.0	41.5 4.1	4 <b>1.</b> 5 4.1	41.4 4.0	41.3 3.8	41.4 3.7
Overtime hours	42.1 4.1	42.2 4.3	42.3 4.3	42.1 4.3	41.8 4.3	42.0 4.2	42.2 4.4	42.3 4.4	42.3 4.4	42.4 4.5	42.4 4.4	42.2 4.1	42.2 4.1
Ordnance and accessories	42.1	42.2	42.5	42.1	42.7	42.1	42.4	42.2	42.0	42.3	42.4	42.4	42.4
Lumber and wood products, except furniture	<b>40.</b> 8	40.4	40.3	40.3	40.6	40.5	41.4	41.3	41.1	41.2	41.4	41.5	41.2
Furniture and fixtures	40.9	41.1	41.2	41.6	41.0	41.8	42.0	41.6	41.9	41.7	41.7	41.7	41.7
Stone, clay, and glass products	41.7	41.8	41.9	41.8	41.5	41.9	41.8	42.1	42.8	42.4	42.5	43.0	42.2
Primary metal industries	42.2	42.8	42.5	42.4	41.6	42.0	42.2	41.8	41.9	41.9	41.9	41.3	41.2
Fabricated metal products	42.1	42.3	42.7	42.2	42.1	42.3	42.4	42.4	42.4	42.5	42.5	42.3	42.3
Machinery	43.9	43.9	44.3	43.8	43.3	43.8	43.8	43.7	44.0	43.9	43.8	43.8	43.7
Electrical equipment and supplies	41.1	41.1	41.3	41.2	40.9	41.2	41.3	41.4	41.3	41.5	41.5	41.4	41.2
Transportation equipment	42.4	42.3	42.9	43.2	42.1	42.3	42.2	43.4	<b>42.</b> 9	43.3	43.4	43.0	42.9
Instruments and related products	41.7	42.0	42.2	41.7	41.7	42.0	42.4	42.0	42.4	42.3	42.2	41.7	41.7
Miscellaneous manufacturing industries	39.8	40.0	<b>39•</b> 9	40.0	39.7	40.1	40.3	40.0	40.3	40.2	40.0	40.2	40.2
NONDURABLE GOODS	40 <b>.1</b> 3.3	40.1 3.4	40.2 3.4	40.2 3.4	40.1 3.4	40.3 3.4	40.3 3.4	40.3 3.5	40.4 3.5	40.5 3.5	40.2 3.4	40.2 3.3	40.3 3.3
Food and kindred products	41.0	40.9	41.2	41.1	41.3	41.0	40.9	41.1	41.1	41.5	41.1	41.1	41.1
Tobacco manufactures	37.8	37.6	38.7	37.8	37.9	38.0	38.5	39.2	39•4	41.3	38.9	37.8	37•9
Textile mill products	41.0	41.3	42.1	42.0	41.7	42.2	42.2	41.9	42.4	42.3	42.2	42.0	41.9
Apparel and related products	36.3	36.7	35.6	36.3	36.2	36.5	36.5	36.4	36.5	36.5	36.3	36.4	36.5
Paper and allied products	43.4	43.1	43.4	43.3	43.4	43.4	43.7	43.7	43.5	43.5	43.3	43.5	43.7
Printing, publishing, and allied industries	39.0	39.0	38.9	38.9	39.0	39.0	38.7	38.9	38.7	38.7	38.5	38.7	38.6
Chemicals and allied products	42.2	42.1	42.0	42.0	42.0	42.0	41.9	42.3	42.0	42.1	42.0	42.0	42.0
Petroleum refining and related industries	42.2	42.3	41.8	41.9	42.4	42.5	42.5	42.6	42.6	42.6	42.3	42.0	42.4
Rubber and miscellaneous plastic products	41.8	42.1	42.0	41.8	41.5	41.7	42.1	42.4	42.2	42.3	42.3	42.3	42.4
Leather and leather products	38.5	<b>38.</b> 8	38.3	<b>3</b> 8 <b>.</b> 6	38.3	38.7	39.0	39.0	38.5	38.7	38.5	38.4	38.6
WHOLESALE AND RETAIL TRADE	36.9	36.9	37.0	37•3	37.3	37•2	37.0	37.1	37.1	37•3	37.4	37•4	37.4
WHOLESALE TRADE	40.5	40.7	40.7	40.8	40.9	40.6	40.7	40.7	40.8	40.9	41.0	40.9	40.8
RETAIL TRADE	35•7	35•7	35.8	36.1	36.1	36.0	35•9	35•9	36.0	36.1	36.2	36.3	36•3
	<u></u>	L				L		<u>L</u>					[

<sup>&</sup>lt;sup>1</sup>For mining and manufacturing, data refer to production and related workers; for contract construction, ro construction workers; and for wholesale and retail trade, to non-supervisory workers.

# ESTABLISHMENT DATA SEASONALLY ADJUSTED

Table C-8: Indexes of aggregate weekly man-hours in industrial and construction activities<sup>1</sup> seasonally adjusted

1957-59=100

1957-59=100													
Industry	Nov. 1966	0ct. 1966	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965
TOTAL	115.8	115.7	115.6	115.8	115.0	115.8	114.2	114.8	116.0	114.8	113.6	113.5	111.5
MINING	81.3	82.2	82.9	83.3	84.6	<b>შვ.</b> 8	82.7	75•7	85.4	84.1	84.1	84.1	82.6
CONTRACT CONSTRUCTION	<b>108.</b> 8	109.9	112.1	<b>11</b> 0.9	115.3	114.4	108.1	115.3	122.8	117.6	116.8	119.8	111,-3
MANUFACTURING	118.8	118.4	117.9	п8.3	116.5	117.7	116.9	116.7	116.3	115.9	114.5	113.8	113.0
DURABLE GOODS	125.6	125.5	125.4	125.0	122.2	123.6	123.0	122.8	122.3	121.5	120.2	118.8	117.4
Ordnance and accessories	155.2	152.0	150.7	146.9	146.6	142.1	140.8	135.4	132.4	130.9	126.4	119.3	120.5
Lumber and wood products, except furniture	95•9	95•2	95•5	97.4	98.4	99•4	100.8	102.1	103.2	102.2	102.9	101.6	99.6
Furniture and fixtures	126.0	126.0	125.9	127.8	124.7	128.1	128.1	125.2	126.4	124.8	124.1	123.1	121.4
Stone, clay, and glass products	107.9	108.6	108.6	109.5	109.3	110.4	110.3	112.2	114.9	112.8	114.1	113.5	109.9
Primary metal industries	118.1	119.7	117.6	118.2	114.9	115.6	114.4	112.9	112.3	112.0	111.6	109.2	108.9
Fabricated metal products	128.0	1,27.2	127.6	126.7	124.4	125.6	125.6	126.0	125.7	125.1	123.9	122.2	121.6
Machinery	140.3	139.6	139.9	138.3	136.0	135.6	134.2	132.4	132.7	132.0	130.4	129.8	128.9
Electrical equipment and supplies	151.3	150.8	150.0	149.9	145.2	147.0	145.3	144.4	140.9	140.6	137.6	135.4	132.4
Transportation equipment	118.5	118.4	119.9	117.6	112.2	115.6	114.7	117.4	116.0	115.3	113.2	111.6	110.8
Instruments and related products	127.5	1 <b>2</b> 8.9	128.1	127.0	126.6	127.0	126.8	124.3	125.0	123.3	120.7	117.9	116.5
Miscellaneous manufacturing industries	114.7	114.7	113.7	115.3	113.5	116.3	116.8	115.3	115.5	114.3	112.1	117.2	114.6
NONDURABLE GOODS	109.9	109.1	108.1	<b>1</b> 09 <b>.</b> 6	109.0	110.1	109.0	108.8	108.5	108.6	107.2	107.2	107.3
Food and kindred products	96.4	93.8	93.4	95.2	95•3	94.7	93•5	94.6	95•5	96.1	94.6	94.6	96.2
Tobacco manufactures	84.1	75•7	79.1	78.4	84.4	85.7	85.7	88.4	88.9	91.9	86,6	84.1	83.2
Textile mill products	103.1	103.3	105.4	106.2	104.7	106.4	105.9	104.8	105.9	105.3	105.0	104.0	103.3
Apparel and related products	118.9	120.0	115.2	117.9	117.0	121.4	120.3	118.3	117.7	117.8	114.6	117.3	1 <b>16.</b> 8
Paper and allied products	118.1	115.5	115.2	116.7	117.4	116.3	115.7	115.5	114.3	114.1	113.1	113.0	112.9
Printing, publishing, and allied industries	118.3	118.3	117.4	117.8	117.6	117.2	115.2	115.7	114.2	114.0	113.1	112.6	112.3
Chemicals and allied products	117.9	117.0	116.3	117.7	116.7	116.9	113.8	113.9	113.3	113.2	112.3	111.9	111.5
Petroleum refining and related industries	80.1	79.6	78.7	<b>7</b> 9.6	80.5	80.7	79•3	<b>7</b> 9•5	<b>7</b> 8.8	79•5	<b>7</b> 8.9	78.4	79.1
Rubber and miscellaneous plastic products	151.8	151.4	148.9	149.2	147.1	147.8	146.6	147.3	144.7	144.0	143.6	142.8	141.3
Leather and leather products	97•3	98.4	97•2	98.5	96.2	100.1	101.8	101.8	99.2	99.8	98.6	97.7	97•9

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

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

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

	Averag	,	,		ge weekly	hours	Averag		
State and area	Oct.	Sept.	Oct.	Oct.	Sept.	Oct.	Oct.	Sept.	Oct.
AT A PANA	1966	1966	1965	1966	1966	1965	1966	1966	1965
ALABAMA Birmingham	\$94.94 122.93	\$96.74 124.23	\$94.05 117.04	41.1	41.7	41.8 41.8	\$2.31 2.92	\$2.32 2.93	\$2.25
Mobile	111.72	114.11	117.04	42.0	42.4	42.5			2.80
MODILE.	111.72	114.11	113.46	42.0	42.9	42.5	2.66	2.66	2.67
ALASKA	(1)	170.56	160.40	(1)	41.6	40.0	(1)	4.10	4.01
ARIZONA	121.60	120.35	117.31	41.5	41.5	41.6	2.93	2.90	2.82
Phoenix	119.94	116.60	117.88	41.5	41.2	41.8	2,89	2.83	2.82
Tucson	144.56	155.49	425.33	41.9	44.3	40.3	3.45	3.51	3.11
ARKANSAS	79.42	80.03	76.54	41.8	41.9	41.6	1.90	1.91	1.84
Fort Smith	76.18	76.13	74.44	41.4	41.6	40.9	1.84	1.83	1.82
Little Rock-North Little Rock	78.91 94.24	79.52 92.93	74.85 90.13	41.1	41.2	40.9 40.6	1.92 2.26	1.93 2.25	1.83
								}	
CALIFORNIA	130.15	130.47	126.28	40.8	40.9	41.0	3.19	3.19	3.08
Anaheim-Santa Ana-Garden Grove	130.82 136.82	131.36 134.34	125.14 132.00	41.4	41.7	41.3 40.0	3.16 3.37	3.15 3.35	3.03
Bakersfield	113.52	111.91	106.52	40.4	40.4	39.6	2.81	2.77	2.69
Fresno	128.86	128.64	124.12	41.3	41.1	41.1	3.12	3.13	3.02
Oxnard-Ventura	111.91	118.58	107.62	40.4	41.9	38.3	2.77	2.83	2.81
Sacramento.	133.13	137.90	132.66	38.7	40.8	41.2	3.44	3.38	3.22
San Bernardino-Riverside-Ontario	124.54	125.87	123.52	40.7	41.0	40.9	3.06	3.07	3.02
San Diego	139.47	137.02	134.89	40.9	40.3	41.0	3.41	3.40	3.29
San Francisco-Oakland	137.60	140.42	134.20	40.0	40.7	40.3	3.44	3.45	3.33
San Jose	134.48	132.61	128.84	41.0	41.7	40.9	3.28	3.18	3.15
Santa Barbara	122.36	128.03	120.90	39.6	41.3	40.3	3.09	3,10	3.00
Santa Rosa	108.86	104.61	103.49	39.3	38.6	39.2	2.77	2.71	2.64
Stockton	123.87	125.25	122.36	39.2	41.2	41.2	3.16	3.04	2.97
Vallejo-Napa	118.04	120.67	113.62	38.7	38.8	38.0	3.05	3.11	2.99
OLORADO	(1) (1)	119.94 122.35	115.21 118.66	(1) (1)	41.5 41.9	41.0 41.2	(1) (1)	2.89 2.92	2.81 2.88
CONNECTICUT	124.85	123.98	115.45	43.5	43.5	42.6	2.87	2.85	2.71
Bridgeport	129.65	128.33	121.09	44.4	44.1	43.4	2.92	2.91	2.79
Hartford.	134.84	131.40	121.41	44.5	43.8	42.9	3.03	3.00	2.83
New Britain	127.58	128.16	118.00	44.3	44.5	42.6	2.88	2.88	2.77
New Haven.	122.38	122.98	111.49	42.2	42.7	41.6	2.90	2.88	2.68
Stamford	122.69	120.41	113.71	42.6	42.1	41.5	2.88	2.86	2.74
Waterbury	122.04	123.04	113.79	43.9	44.1	42.3	2.78	2.79	2.69
DELAWARE	123.06	119.36	119.99	42.0	41.3	42.1	2.93	2.89	2.85
Wilmington	136.40	133.12	132.71	42.1	41.6	42.4	3,24	3.20	3.13
DISTRICT OF COLUMBIA: Washington SMSA	(1)	120.47	115.09	(1)	40.7	40.1	(1)	2.96	2.87
I OPIDA	97.52	97.94	93.29	42.4	42.4	42.6	2.30	2.31	2.19
FLORIDA	91.21	90.86	(1)	40.9	41.3	(1)	2.23	2,20	(1)
Jacksonville	93.25	95.72	91.76	40.9	41.8	40.6	2.28	2.29	2.26
Miami	89.62	88.97	86.07	41.3	41.0	40.6	2.17	2.17	2.12
Orlando	94.35	94.98	(1)	42.5	42.4	(1)	2.22	2.24	(1)
Pensacola	109,74	112.71	111.20	41.1	41.9	43.1	2.67	2.69	2.58
Tampa-St. Petersburg	102.02	99.45	101.02	43.6	42.5	45.3	2.34	2.34	2.23
West Palm Beach	102.93	107.31	(1)	43.8	44.9	(1)	2.35	2.39	(1)
EORGIA	00 41	00 40	0/. 45	4	41.0	41.7	2.12	2 12	
EORGIA Atlanta	88.61	88.62 109.20	84.65 106.24	41.6 40.4	41.8	41.7 41.5	2.13 2.68	2.12 2.67	2.03 2.56
Savannah	108.27 108.88	107.17	107.02	42.2	41.7	42.3	2.58	2.57	2.53
	100.00	10,.1,	10,102		7				,,,
AWAII	102.56	99.04	93.93	38.7	37.8	39.3	2.65	2.62	2.39
DAHO ,	114.05	118.49	109.85	40.3	41.0	39.8	2,83	2.89	2,76
LLINOIS	125.96	125.93	119.05	42.0	42.2	41.6	3.00	2.98	2.86
Chicago	128.30	128.35	120.80	42.2	42.3	41.8	3.04	3.03	2.89
Davenport-Rock Island-Moline	(1)	146.04	129.45	(1)	42.9	40.8	(1)	3,41	3.17

### ESTABLISHMENT DATA STATE AND AREA HOURS AND EARNINGS

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

		e weekly ea	1		ge weekly		Average	hourly e	arnings
State and area	Oct.	Sept.	Oct.	0ct.	Sept.	Oct.	Oct.	Sept.	Oct.
	1966	1966	1965	1966	1966	1965	1966	1966	1965
ILLINOIS-(Continued)				1300	1,500	1303	1700	1900	1905
Peoria	(1)	\$142.60 126.57	\$134.44 123.07	(1) (1)	42.6 43.5	42.1 44.1	(1) (1)	\$3.35 2.91	\$3.20 2.79
INDIANA	\$128.10	129.13	123.48	42.0	42.2	41.8	\$3.05	3.06	2.95
	(1)	135.29	128.10	(1)	43.5	42.8	(1)	3.11	2.99
IOWA  Cedar Rapids  Des Moines	122.75	122.95	115.73	41.7	41.7	41.2	2.95	2.95	2.81
	122.57	128.30	121.65	42.6	44.1	43.1	2.88	2.91	2.82
	131.57	134.43	124.38	40.3	41.4	39.8	3.26	3.25	3.13
KANSAS	122.51	123.94	115.47	43.3	43.8	42.6	2.83	2.83	2.71
	130.08	127.92	134.30	44.2	44.0	45.0	2.94	2.90	2.98
	134.36	133.06	118.28	43.7	43.7	41.7	3.07	3.05	2.84
KENTUCKY Louisville	107.53	107.01	104.17	41.2	41.0	41.5	2.61	2.61	2.51
	125.48	126.45	123.64	41.7	42.2	42.1	3.01	3.00	2.94
LOUISIANA Baton Rouge New Orleans. Shreveport	114.44	115.24	111.02	42.7	43.0	43.2	2.68	2.68	2.57
	143.90	140.19	135.79	42.2	41.6	40.9	3.41	3.37	3.32
	119.39	122.96	109.07	41.6	42.4	40.1	2.87	2.90	2.72
	107.50	110.11	108.82	43.7	44.4	44.6	2.46	2.48	2.44
MAINE Lewiston-Aubum Portland	91.49	90.23	86.94	41.4	41.2	41.4	2.21	2.19	2.10
	77.62	76.24	70.49	39.2	38.7	38.1	1.98	1.97	1.85
	92.75	93.38	89.76	40.5	40.6	40.8	2.29	2.30	2.20
MARYLANDBaltimore	112.75	113.16	106.23	41.3	41.3	40.7	2.73	2.74	2.61
	118.82	119.65	111.78	41.4	41.4	40.5	2.87	2.89	2.76
MASSACHUSETTS Boston Brockton Fall River Lawrence-Haverhill Lowell New Bedford Springfield-Chicopee-Holyoke	106.11 115.46 89.83 75.73 93.80 89.38 84.67 110.68 114.68	106.34 114.80 90.74 74.11 95.59 92.00 85.19 109.33 116.48	99.10 106.13 80.15 70.30 92.59 84.77 77.02 103.68 108.39	40.5 40.8 39.4 34.9 38.6 39.2 37.8 41.3	40.9 41.0 39.8 35.8 39.5 40.0 38.9 41.1 41.9	39.8 39.6 36.6 34.8 39.4 39.8 36.5 40.5	2.62 2.83 2.28 2.17 2.43 2.28 2.24 2.68 2.77	2.60 2.80 2.28 2.07 2.42 2.30 2.19 2.66 2.78	2.49 2.68 2.19 2.02 2.35 2.13 2.11 2.56 2.65
MICHIGAN Ann Atbor Bay City Detroit Flint Grand Rapids Kalamazoo Lansing 2 Muskegon-Muskegon Heights Saginaw.	149.12	149.07	145.41	43.5	43.6	44.7	3.43	3.42	3.25
	144.89	141.70	132.80	41.9	41.3	40.6	3.46	3.43	3.27
	134.34	136.28	124.01	42.5	42.8	41.6	3.16	3.18	2.98
	159.47	158.93	154.44	44.1	44.0	45.0	3.62	3.61	3.43
	171.47	175.63	162.67	44.9	45.3	45.3	3.82	3.88	3.59
	126.39	127.71	123.32	42.6	43.0	42.7	2.97	2.97	2.89
	136.89	136.49	126.45	44.3	45.0	43.8	3.09	3.03	2.89
	153.87	148.35	157.23	42.8	41.8	45.0	3.60	3.55	3.49
	139.66	132.16	126.85	44.0	42.4	42.1	3.17	3.12	3.01
	152.95	149.08	148.01	43.7	43.1	45.0	3.50	3.46	3.29
MINNESOTA	118.40	115.23	114.06	41.5	41.2	41.5	2.85	2.80	2.75
	113.18	114.48	110.87	39.0	39.1	39.8	2.90	2.93	2.79
	125.92	124.89	121.04	41.8	41.7	41.8	3.01	2.99	2.90
MISSISPPI. Jackson	80.10	79.68	78.31	41.5	41.5	42.1	1.93	1.92	1.86
	87.80	88.16	85.80	43.9	44.3	44.0	2.00	1.99	1.95
MISSOURI	113.57	112.06	107.80	41.0	40.6	40.5	2.77	2.76	2.66
	(1)	124.19	117.49	(1)	41.8	41.0	(1)	2.97	2.87
	127.10	124.54	122.09	41.4	40.7	41.3	3.07	3.06	2.96
MONTANA	119.20	121.99	113.57	40.0	40.8	41.0	2.98	2.99	2.77
NEBRASKA	107.56	108.46	104.03	43.3	43.8	43.3	2.49	2.47	2.40
	115.56	115.97	113.47	42.6	42.8	42.9	2.71	2.71	2.65

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

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

	Avera	ge weekly e	arnings	Avera	ge weekly	hours	Averag	e hourly e	arnings
State and area	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965	Oct. 1966	Sept. 1966	Oct. 1965
NEVADA	\$134.31	\$136.12	\$128.95	40.7	41.0	39.8	\$3.30	\$3.32	\$3.24
NEW HAMPSHIRE	88.32	87.94	85.48	40.7	40.9	40.9	2.17	2.15	2.09
Manchester.	81.97	82.18	78.79	39.6	39.7	39.2	2.07	2.13	2.09
				****				-**	
NEW JERSEY	118.53	117.83	113.99	41.3	41.2	41.3	2.87	2.86	2.76
Atlantic City	87.42	88.22	83.85	39.2	40.1	39.0	2.23	2.20	2.15
Jersey City 3	115.62	116.18	111.25 114.26	41.0 41.6	41.2 41.6	40.9	2.82 2.87	2.82	2.72
Newark 3	119.68	118.12	116.62	41.7	41.3	41.8	2.87	2.86	2.79
Perth Amboy 3	127.37	124.62	123.26	42.6	42.1	42.8	2.99	2.96	2.88
Trenton	116.40	117.55	114.40	40.7	41.1	41.3	2.86	2.86	2.77
NEW MEXICO	91.66	91.96	97.16	40.2	39.3	41.7	2.28	2.34	2.33
Albuquerque	99.29	98.89	96.32	40.2	40.2	40.3	2.47	2.46	2.39
NEW YORK	112.44	111.32	108.00	40.3	39.9	40.0	2.79	2.79	2.70
Albany-Schenectady-Troy	118.00	125.70	118.78	40.0	41.9	41.1	2.95	3.00	2.89
Binghamton	109.93	106.19	108.00	41.8	41.0	41.7	2.63	2.59	2.59
Buffalo	137.48	137.38	131.35	42.3	42.4	42.1	3,25	3.24	3.12
Elmira	114.26	113.44	109.89	41.7	41.4	40.7	2.74	2.74	2.70
Nassau and Suffolk Counties 5	135.14	134.62 116.33	127.25 109.35	42.9 41.6	42.6	42.7 40.5	3.15 2.80	3.16 2.81	2.98
Nam Vork Northeastern Nam Jacon	111.32	108.70	106.92	39.9	39.1	39.6	2.79	2.78	2.70
New York SMSA 3	105.92	102.54	101.50	38.8	37.7	38.3	2.73	2.72	2.65
New York City 5	103.25	99.90	99.79	38.1	37.0	37.8	2.71	2.70	2.64
Rochester	129.56	129.99	121.70	42.9	42.9	42.7	3,02	3.03	2.85
Rockland County 5	116.34	114.09	112.88	41.7	40.6	41.5	2.79	2.81	2.72
Syracuse	119.31	119.77	115.64	41.0	41.3	41.3	2.91	2.90	2.80
Utica-Rome	113.05	112.25	103.73	42.5	42.2	41.0	2.66	2.66	2.53
	115.08	111.20	108.68	41.1	40.0	40.4	2.80	2.78	2.69
NORTH CAROLINA	80.32 86.52	80.90 85.68	76.91 83.07	41.4 42.0	41.7 42.0	41.8 42.6	1.94 2.06	1.94 2.04	1.84
Greensboro-High Point	82.42	82.82	77.33	40.8	41.0	40.7	2.02	2.02	1.90
NORTH DAKOTA Fargo-Moorhead  OHIO Akron Canton Cincinnati Cleveland Columbus Dayton	107.11 110.95 133.29 150.97 130.65 124.50 137.86 122.71 151.82	104.46 103.86 134.24 146.59 130.93 124.86 139.44 123.38 151.07	108.74 107.63 128.35 144.59 124.72 120.69 132.40 118.01 145.80	42.7 41.3 42.4 43.4 41.5 42.2 43.0 40.9 43.6	41.1 37.9 42.8 42.5 41.8 42.5 43.4 41.2 43.5	43.3 42.3 42.2 42.9 41.0 42.5 42.7 40.4 43.9	2.51 2.69 3.14 3.48 3.15 2.95 3.21 3.00 3.48	2.54 2.74 3.14 3.45 3.13 2.94 3.21 2.99 3.47	2.51 2.54 3.04 3.37 3.04 2.84 3.10 2.92 3.32
Toledo	139.44	138.73	138.71	42.8	43.2	42.8	3.26	3.21	3.24
Young stown-Warren	140.23	142.43	128.15	41.2	41.5	39.0	3.40	3.43	3.29
OKLAHOMA	105.75	105.50	102.79	41.8	41.7	42.3	2.53	2.53	2.43
Oklahoma City	103.39	100.60	98.44	42.2	41.4	42.8	2.45	2.43	2.30
Tulsa	119.57	118.58	114.17	42.4	42.5	42.6	2.82	2.79	2.68
OREGON	120.51	119.26	116.91	39.0	39.1	39.9	3.09	3.05	2.93
Eugene	122.61	125.36	121.18	38.8	40.7	40.8	3.16	3.08	2.97
Portland	121.57	120.65	118.30	39.6	39.3	40.1	3.07	3.07	2.95
PENNSYLVANIA	112.75	112.75	106.63	41.0	41.0	40.7	2.75	2.75	2.62
Allentown-Bethlehem-Easton	109.05	108.50	104.15	39.8	39.6	39.3	2.74	2.74	2.65
Altoona	91.54	91.54	89.24	39.8	39.8	40.2	2.30	2.30	2.22
Erie	119.28	119.99	113.94	42.6 40.0	42.7	42.2	2.80	2.81	2.70
Harrisburg	98.00 112.01	98.15 110.78	93.83 106.41	38.1	39.9 37.3	40.1 37.6	2.45 2.94	2.46	2.34
Lancaster	103.42	103.07	100.62	41.7	41.9	42.1	2.48	2.46	2.39
Philadelphia	120.18	118.90	114.11	41.3	41.0	40.9	2.91	2.90	2.79
Pittsburgh	132.43	134.69	124.09	41.0	41.7	39.9	3.23	3.23	3.11
Reading	103.57	101.91	97.10	41.1	40.6	40.8	2.52	2.51	2.38
Scranton	85.03	84.80	80.81	38.3	38.2	38.3	2.22	2.22	2.11
Wilkes-BarreHazleton	79.66 100.77	78.07 99.17	74.37 92.65	37.4 42.7	37.0 42.2	36.1 42.5	2.13 2.36	2.11 2.35	2.06 2.18
			1	1					
RHODE ISLAND	94.30 95.58	94.35 95.58	89.51 90.13	41.0 41.2	41.2 41.2	40.5 40.6	2.30 2.32	2.29 2.32	2.21 2.22

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

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

	Averag	e weekly ea	rnings	Avera	e weekly	hours	Average	hourly e	arnings
State and area	Oct.	Sept.	Oct.	Oct.	Sept.	Oct.	Oct.	Sept.	Oct.
	1966	1966	1965	1966	1966	1965	1966	1966	1965
SOUTH CAROLINA	\$83.18	\$83.58	\$80.41	41.8	42.0	42.1	\$1.99	\$1.99	\$1.91
Charleston	94.16	91.98	89.88	41.3	40.7	42.0	2.28	2.26	2.14
Greenville	83.75	84.94	80.70	42.3	42.9	42.7	1.98	1.98	1.89
SOUTH DAKOTA	114.08	112.24	104.05	46.0	46.0	43.9	2.48	2.44	2.37
Sioux Falls	136.01	132.76	123.63	49.1	48.1	46.7	2.77	2.76	2.65
TENNESSEE	(1)	89.82	86.51	(1)	41.2	41.0	(1)	2.18	2.11
Chattanooga	98.06	98.29	93.30	41.2	41.3	41.1	2.38	2.38	2.27
Knoxville	98.66	101.52	97.68	40.6	41.1	40.7	2.43	2.47	2.40
Memphis	104.43	99.53	101.15	42.8	41.3	42.5	2.44	2.41	2.38
Nashville	97.23	97.23	93.98	41.2	41.2	41.4	2.36	2.36	2.27
TEXAS	110.04	110.14	104.83	42.0	42.2	42.1	2.62	2.61	2.49
Austin	82.01	82.62	72.80	40.4	40.7	40.9	2.03	2.03	1.78
Beaumont-Port Arthur	136.94	137.76	138.69	41.0	41.0	41.4	3.34	3.36	3.35
Corpus Christi	125.33	132.50	118.37	41.5	43.3	41.1	3.02	3.06	2.88
Dallas	101.16	100.38	97.67	41.8	42.0	42.1	2.42	2.39	2.32
El Paso	73.15	77.14	75.44	37.9	40.6	38.1	1.93	1.90	1.98
Fort Worth	129.65	125.57	113.10	43.8	43.6	42.2	2.96	2.88	2.68
Houston	130.11	132,11	124.41	42.8	43.6	42.9	3.04	3.03	2.90
San Antonio	83.38	84.80	78.69	41.9	42.4	41.2	1.99	2.00	1.91
UTAH	121,47	119.54	114.00	40.9	40.8	40.0	2.97	2.93	2.85
Salt Lake City	118.14	117.29	112.61	41.6	41.3	41.1	2.84	2.84	2.74
VERMONT	101,36	100.92	93.51	43.5	43.5	42.7	2,33	2.32	2.19
Burlington	107.25	105.95	102.05	42.9	43.6	43.8	2.50	2.43	2.33
Springfield	116.69	116.95	108.43	44.2	44.3	43.2	2.64	2.64	2.51
VIRGINIA	90,25	90.45	87.57	41.4	41.3	41.7	2.18	2.19	2.10
Lynchburg	87.31	87.14	84.71	42.8	42.3	43.0	2.04	2.06	1.97
Norfolk-Portsmouth	102.29	94.89	96.78	43.9	41.8	43.4	2.33	2.27	2.23
Richmond	100.61	101.11	94.30	40.9	41.1	40.3	2,46	2.46	2.34
Roanoke	85.27	88.39	89.32	41.8	42.7	44.0	2.04	2.07	2.03
WASHINGTON	131.34	128.70	120.43	39.8	39.6	39.1	3.30	3.25	3.08
Seattle-Everett	136.34	131.87	120.82	40.1	39.6	38.6	3.40	3.33	3.13
Spokane	129,49	129.17	123.64	39.6	39.5	39.5	3.27	3.27	3.13
Tacoma	127.47	127.86	121.52	39.1	39.1	39.2	3.26	3.27	3.10
WEST VIRGINIA	115.59	115.71	109.75	40.7	40.6	40.2	2.84	2.85	2.73
Charleston	146.20	144.19	137.10	42.5	43.3	41.8	3.44	3.33	3.28
Huntington-Ashland	120.69	123.53	113.68	39.7	40.5	38.8	3.04	3.05	2.93
Wheeling	117.67	118.78	111.60	41.0	41.1	40.0	2.87	2.89	2.79
WISCONSIN	123.05	122.39	116.42	42.1	42.5	42.0	2.93	2.88	2.77
Green Bay	122.53	122.63	116.17	44.3	45.7	44.2	2.77	2.68	2.63
Kenosha	138.50	136.93	136.69	41.1	40.7	42.0	3.37	3.36	3.25
La Crosse	107.48	105.06	105.31	39.6	39.1	38.7	2.71	2.69	2.72
Madison	127.77	129.34	121.36	41.0	42.2	40.8	3.12	3.06	2.97
Milwaukee	134.62 133.13	135.78 128.94	127.68 121.91	41.7 42.3	42.1 41.5	41.5 41.1	3.23 3.15	3.23 3.10	3.08 2.97
							ļ		
WYOMING	104.69	114.65	102.39	36.1	39.4	36.7	2.90	2.91	2.79
Casper	132.60	140.54	124.12	39.0	40.5	37 <b>.5</b>	3.40	3.47	3.31

<sup>&</sup>lt;sup>1</sup>Not available.

<sup>2</sup>Revised series; not strictly comparable with previously published data.

<sup>3</sup>Area included in New York-Northeastern New Jersey Stendard 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

Visa   Jah   Feb.   Mais   Apr.   May   June   July   Aug.   Sept.   Ccs.   Nev.   Dec.   Annual vertices	(Per 100 employees)													
1956	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An nual average
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 1.959. 2.9 2.6 2.8 3.1 3.6 4.8 4.2 4.1 4.1 3.5 2.6 2.0 3.6 1.959. 3.1 3.6 4.9 4.7 4.2 4.9 2.9 2.0 4.0 3.2 2.1 3.6 1.959. 3.1 3.6 4.9 2.7 4.9 2.9 2.0 4.0 3.2 2.1 3.6 1.959. 3.1 3.6 4.0 4.3 5.0 4.4 4.9 2.2 5.0 4.0 3.2 2.1 3.6 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	Total accessions													
1957. 3.7 3.3 3.3 3.4 3.6 4.8 4.2 4.1 4.1 3.5 2.6 2.0 3.6 1.959. 2.9 2.6 2.8 3.1 3.6 4.8 4.2 4.1 4.1 3.5 2.6 2.0 3.6 1.959. 3.1 3.6 4.9 4.7 4.2 4.9 2.9 2.0 4.0 3.2 2.1 3.6 1.959. 3.1 3.6 4.9 2.7 4.9 2.9 2.0 4.0 3.2 2.1 3.6 1.959. 3.1 3.6 4.0 4.3 5.0 4.4 4.9 2.2 5.0 4.0 3.2 2.1 3.6 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	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
1992   3,8   3,7   1,1   1,1   1,2   5,4   1,1   5,2   5,1   3,9   3,9   3,4   3,6   1,2   3,8   3,6   3,4   3,6   1,2   3,8   3,6   3,4   3,5   3,3   3,4   3,9   1,9   1,9   1,5   1,4   1,3   3,9	1957			3-3		3.6	4.8	4.2	4.1	4.1	3.5	2.6	2.0	3.6
1966.	1958,	2.9												
196		3.8												4.2
1966			3.7	3.3		3.9		3.9						
1966 3.6 3.3 3.5 3.9 3.9 3.9 4.8 4.3 4.8 4.8 3.9 2.9 2.5 3.9 1966 3.8 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 1966 4.2 4.9 4.6 5.1 6.7 5.1 6.1 4.5 5.4 4.5 3.9 3.1 4.3 1966 4.2 4.9 4.6 5.1 6.7 5.1 6.1 6.1 5.1 4.8 4.0 3.2 2.6 4.0 1966 4.2 4.9 4.6 5.1 6.7 5.1 6.1 6.1 5.1 4.5 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9		J. 1						4.6						
196			3.3	3.5	3.9					4.8				
1966		3.6	3.4	3.7	3.8	3.9	5.1	1 4.4			4.0	3.2		4.0
1956												3.9	3.1	4.3
1996	1966	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.0	<u> </u>	<u> </u>	<u> </u>
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							New hire	:s		,	<del>,</del>	,	····	<b>.</b>
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	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
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   3.5   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   2.2   2.4   2.8   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   3.0   4.3   3.2   3.9   4.0   3.5   2.9   2.2   3.1     1977.   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     1977.   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     1978.   3.7   3.1   3.3   3.6   3.5   3.6   4.0   4.6   5.3   5.5   4.1   3.6   3.5   4.1     1999.   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     1990.   3.6   3.5   3.6   3.6   3.6   3.6   3.6   4.1   4.8   5.1   4.2   4.0   4.0   4.0     1960.   4.7   3.9   3.8   3.4   3.5   3.6   3.6   3.6   4.1   4.8   5.1   4.2   4.0   4.0   4.0     1960.   4.0   3.3   3.5   3.6   3.6   3.6   3.6   3.8   4.1   4.8   5.1   4.2   4.0   4.0   4.0     1960.   4.0   3.3   3.5   3.5   3.6   3.6   3.6   3.8   4.1   4.8   5.1   4.2   4.0   4.0   4.0     1960.   4.0   3.6   3.7   3.1   3.8   3.5   3.6   3.6   3.5   4.1   4.8   5.1   4.2   4.0   4.0   4.0     1960.   4.0   3.6   3.7   3.1   3.5   3.5   3.6   3.6   3.5   4.1   4.8   5.1   4.2   4.0   4.0   4.0     1960.   4.0   3.6   3.7   3.1   3.5   3.5   3.6   3.6   3.5   4.1   4.8   5.1   4.2   4.0   4.0   4.0     1960.   4.0   3.6   3.5   3.5   3.5   3.6   3.6   3.5   4.1   4.8   5.1   4.2   4.0   4.0   4.0     1960.   4.0   3.6   3.5   3.5   3.5   3.6   3.6   3.6   3.5   4.1   4.8   5.1   4.	1957									2.5				
1960														
1961										3.5				
1962	1960													
1965	1962													
1966														
1956				2.2					3.4		2.8	2.2	1.6	
1956									3.9		3.5	2.9	2.2	3.1
1996.	1966	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	1 4.7	4.1	L	<u> </u>	<u> </u>
1977							Total separa	tions						
1977	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
1986					3.8	3.9		3.7		5.5				
1960	1958	5.4			4.4	3.9	3.5	3.7				3.6	3.5	4.1
1966		3.7		3.3			3.6	4.0		5.3			3.9	
1965		3.6				3.9				2.3				4.3
1965						3.8								
1966	1963					3.6			4.8					
Quits           Quits           Quits           Quits           Quits           Quits           Quits           Quits           Quits           Quits           1.6         1.6         1.6         1.6         1.7         2.3         2.7         1.6         1.1         1.8         1.6           1.958         .9         .8         .8         .8         .9         1.0         1.1         1.5         1.9         1.3         1.0         1.8         1.1           1.960         1.1         1.0         1.2         1.4         1.5         1.6         2.1         2.6         1.7         1.2         1.0         1.5           1.960         1.2         1.2         1.4         1.3         1.4         1.4         1.8         2.3         1.7         1.2         1.0         1.5           1.960         1.2         1.1         1.2         1.3         1.5         1.5         1.4         1.5         2.1         2.4         1.5         1.1         .8         1.4 </td <td></td> <td></td> <td></td> <td>3.5</td> <td></td> <td></td> <td>3.5</td> <td></td> <td></td> <td>5.1</td> <td></td> <td></td> <td>3.7</td> <td>3.9</td>				3.5			3.5			5.1			3.7	3.9
Quite           1956	1965											3.9	4.1	4.1
1956	1966	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	L	<u> </u>	L
1957							Quits					,	<del>,</del>	<del>y</del>
1958			1.6					1.9						1.9
1959														
1960	1950									2.4				1.1
1961														1.3
1.1 1.1 1.2 1.3 1.5 1.4 1.4 2.1 2.4 1.5 1.1 8 1.4 1.963				.9		1.1							9	1.2
1966 1.9	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
1.4 1.3 1.5 1.7 1.7 1.8 2.6 3.5 2.2 1.7 1.4 1.9 1.9 1.6 1.9 1.6 1.5 1.4 1.8 1.7 1.9 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8						1.4								
1.9   1.8   2.3   2.5   2.5   2.5   3.6   4.5   2.8	1966							1.5						
Layoffs       1956	1966		1.8					2.5				11	1.4	1.9
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       1.8       1.8       2.0       3.2       2.9       2.4       2.6         1960       1.8       1.7       2.2       2.2       1.9       2.4       2.4       2.8       3.1       3.6       2.4         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       1.6       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														
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       1.8       1.8       2.0       3.2       2.9       2.4       2.6         1960       1.8       1.7       2.2       2.2       1.9       2.4       2.4       2.8       3.1       3.6       2.4         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       1.6       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	1056		1 00	, <u>-</u>	1.0	·	1,,	T , -				T	T	1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1057		1.5			1.8		1.2	1.4		1.7	1.9		1.7
1960     1.8     1.7     2.2     2.2     1.9     2.0     2.4     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     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     1.6     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     1.4					3.2			2.3						2.6
1960     1.8     1.7     2.2     2.2     1.9     2.0     2.4     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     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     1.6     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     1.4	1959	2.1		1.6	ĭ.6			1.8						
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     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     1.2     1.2     1.3     1.1     1.1     1.8     1.6     1.3     1.4     1.5     1.8     1.7     2.1     1.4       1965     1.6     1.2     1.2     1.3     1.1     1.1     1.8     1.6     1.3     1.4     1.5     1.4	1960	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1		2.4
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   1.964   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   1.965   1.6   1.2   1.2   1.3   1.1   1.1   1.8   1.6   1.3   1.4   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.9   1.5   1.5   1.9   1.5	1961	3.2	2.6	2.3						2.1	2.0	2.2	2.6	2.2
1964 2.0   1.6   1.6   1.4   1.4   1.3   2.1   1.4   1.5   1.6   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	1962		1.7											2.0
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	1903			1.6		†:}			1.9		1.9	2.1		1.5
1966 1.3   1.0   1.0   1.0   9   1.0   2.0   1.1   1.0   1.1	1965								1.6		1.4	1.5		i
	1966											1		1

Beginning with January 1959, transfets 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)										
		Tot	Accessio	n rates New hires		Total		Separation rates Quits		Layoffs	
SIC Code	Industry	Oct. Sept.		Oct. Sept.		Oct. Sept.		Oct. Sept.		Oct. Sept.	
		1966	1966	1966	1966	1966	1966	1966	1966_	1966	1966
			-	l							
	MANUFACTURING	5.0	6.1	4.1	4.7	4.8	6.6	2.8	4.5	1.1	1.0
		1	1	}							
			ł								
19,24,25,32-39	DURABLE GOODS	4.7	5.9	4.0	4.5	4.4	6.1	2,6	4.2	.8	.8
20-23,26-31	NONDURABLE GOODS	5.3	6.3	4.2	5.0	5.3	7.3	3.0	5.0	1.4	1.4
		}									
	Durable Goods										
19		3.7	4.3	3.4	3.7	2.4	4.0	1.2	2,6	.6	.4
192	Ammunition, except for small arms.	3.1	4.1	2.8	3.5	2.4	3.9	1.1	2.4	.7	.5
194 191,3,5,6,9	Sighting and fire control equipment	2,5 6,3	2.9 5.6	2.5 5.8	2.4 4.9	2.0 2.8	3.1	1.5 1.8	2.4 3.4	.1	.1
171,3,3,0,9	Other orquiance and accessories	",	3.0	,,,	4.9	2,0	4,8	1.0	3,4	•-	} •
24	LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	5,6	6.9	4.9	6.1	7.3	9.4	4.5	6.9	1.8	1,3
242 2421	Sawmills and planing mills.		6.1 5.8	4.4	5.5 5.2	6.3 6.3	8.7 8.6	4.2	6.6 6.4	1.3	1.1 1.2
243	Millwork, plywood, and related products	4.4	6.0	4,0	5.5	7.6	9,9	3.9	6.8	2.7	2.0
2431	Millwork		4.2	2.8	3.9	6.6	9.7	3.4	5.9	2.5	2.9
2432 244	Veneer and plywood	5.6 6.3	7.7 8.0	5,2 5,5	6.9	7.5 7.0	9,1 9,9	4.3	7.1 7.2	1.8	.6 1.4
2441,2	Wooden boxes, shook, and crates	6.7	7.3	6.0	6.8	7.4	10.1	4.3	7.4	1.9	1.1
249	Miscellaneous wood products	8.1	8.2	6,9	7.5	7.3	8.9	4.9	6.4	1.0	1.2
25	FURNITURE AND FIXTURES	7.0	8.5	6.5	7.6	6.3	8.3	4.5	6.5	.6	.5
251	Household furniture	7.0	8.8	6.5	7.8	6.3	8.3	4.7	6.6	•4	•3
2511 2512	Wood house furniture, unupholstered		9.1 6.1	6.9 5.2	8.5 5.7	6.4 5.4	8.9 6.0	4.9	7.3 4.6	.3	.3
2515	Mattresses and bedsprings	7.0	8.1	6.4	7.3	7.3	8,0	5.2	6.2	.7	.4
252	Office furniture	5.8	6,1	5.5	5.7	4.1	7.0	3.1	5.2	.1	.3
32	STONE, CLAY, AND GLASS PRODUCTS		4.5	3,1	3.8	4.5	6.8	2.4	4.4	1.2	1,1
321 322	Flat glass		3.3 4.5	1.5 2.8	1.6 3.7	3.2 4.5	4.5 6.4	1.8 2.3	2.3 4.1	.9	.7
3221	Glass containers		4.5	2.9	3.9	5.1	7.4	2.8	5.4	1.4	9
3229	Pressed and blown glassware, n.e.c	3.7	4.4	2.7	3.4	3.8	5.2	1.7	2.7	.5	.4
324 325	Cement, hydraulic	3.9	1.4 4.4	3.5	3.9	1.6 5.4	4.4 7.9	3.2	3.0 5.6	1.4	1.3
3251	Brick and structural clay tile	4.7	4.5	4.2	4.1	5.8	8.5	4.0	6.3	.9	1.1
326 3291	Pottery and related products	4.6 3.3	6.3 3.3	4.0 3.2	5.3 2.8	4.1 2.3	6.7 5.9	2.6 1.5	4.8 3.9	.5 .1	.9 .4
33	PRIMARY METAL INDUSTRIES	3.1	3.8	2.6	3.2	3,5	5.6	1.8	3.8	.6	.6
331	Blast furnace and basic steel products	2.0	2.7	1.4	2.2	3.2	5.4	1.3	3.8	.8	.6
3312 332	Blast furnaces, steel and rolling mills	1.9 4.8	2.5 5.2	1,2 4,2	2.0 4.6	3.3 4.4	5.3 6.2	1.3 3.0	3.7 4.2	.8	.6 .8
3321	Gray iron foundries		5.3	4.6	4.7	4.6	6.1	3.5	4.3	.2	.7
3322	Malleable iron foundries	5.7	6.7	5.3	5.4	5.1	7.4	3.4	5.1	-4	.9
3323 333,4	Steel foundries	3.5	4.4 3.4	3.0	3.0	3.7 2.5	5.9 5.3	1.2	3.6 4.1	.6	.9
335	Nonferrous rolling, drawing, and extruding	2.8	4.3	2.4	3.3	2.7	4.9	1.3	3.0	.5	.9
3351	Copper rolling, drawing, and extruding		3.0	2.2	2.8 3.1	1.7 3.3	4.5	1.3	3.6 2.9	1.0	.1 .6
3352 3357	Aluminum rolling, drawing, and extruding		6.7	(1)	4.2	(1)	5.6	(i)	2.7	(1)	1.9
336	Nonferrous foundries	6.7	6.9	6.3	6.5	6.3	7.2	4.0	5,4	.6	.5
3361 3362,9	Aluminum castings Other nonferrous castings		7.2 6.6	6.4	6.7	6,6 6 <b>.1</b>	7.7 6.7	3.9	5.9 5.0	.7	,5 ,6
339	Miscellaneous primary metal industries.		3.9	3.5	3.7	3.0	4.8	2.0	3.4	.1	.1
3391	Iron and steel forgings		3.5	3.2	3.4	2.4	4.4	1.5	3.1	1,1	.1

# ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)

	T	mployees	Accessio	n rates				Separatio	n rates		
SIC		Tot		New I	ires	Tot	al	Qui		Layo	offs
Code	Industry	0ct. 1966	Sept. 1966	Oct. 1966	Sept. 1966	Oct. 1966	Sept.	Oct. 1966	Sept. 1966	0ct. 1966	Sept.
	Durable GoodsContinued		1								
34	FABRICATED METAL PRODUCTS	5.5	6.2	4.9	5.4	5.4	7.0	3.2	4.8	1.0	1.0
341	Metal cans	4.9	5.5	1.7	3.4	8.2	10.6	1.9	6.0	5.1	3.2
342	Cutlery, hand tools, and general hardware	5.2	5.5	4.8	4.1	4.9	5.7	3.2	4.0	.6	.7
3421,3,5	Cutlery and hand tools, including saws	4.2	4.6	3.8	4.2	3.2	4.9	2.2	3.7	.3	.2
3429	Hardware, n.e.c.	5.9	6.1	5.4	4.0	6.0	6.2	3.9	4.1	-8	1.0
343	Heating equipment and plumbing fixtures	4.8 3.1	5.6 4.4	4.3 2.5	5.2 3.7	6.3	7.4	3.2	4.8	1.2	1.2
3431,2 3433	Sanitary ware and plumbers' brass goods	6.1	6.6	5.8	6.4	6.3 6.3	6.4 8.2	2.6 3.7	4.1 5.4	2.3	1.0
344	Fabricated structural metal products	4.6	5.7	4.2	5.3	5.5	7.5	3.1	5.0	1,2	1,2
3441	Fabricated structural steel	4.6	5.5	4.2	5.1	5.5	7.7	2,9	4.9	1.5	1.6
3443	Fabricated plate work (boiler shops)	4.1	4.3	3.4	3.9	3.6	5.2	2.2	3.6	.3	.6
3446,9	Architectural and miscellaneous metal work	4.1	5.4	3.7	4.6	6.9	7.3	3.3	4.9	2.3	1.3
345	Screw machine products, bolts, etc.	5.8	5.8	5.3	5.4	4.7	6.7	3.1	4.9	.3	.5
3452 346	Bolts, nuts, screws, rivets, and washers	(1)	4.9 7.9	3.5	4.3	3.7	5.6	2.5	4.0	.2	-4
348	Metal stampings	5.7	6.4	(1)	6.3 6.1	(1) 4.7	5.9 7.1	(1) 3.2	3.9 5.4	(1)	.9
349	Miscellaneous fabricated metal products	3.9	5.0	3.4	4.5	3.5	6.2	2.1	4.4	.6	.8
3494,8	Valves, pipe, and pipe fittings	4.1	4.7	3.6	4.4	3.5	5.9	2.1	4.2	.4	.7
35	MACHINERY	3.9	4.2	3.4	3.7	3.4	5.1	2.0	3.5	.4	.6
351	Engines and turbines	(1)	4.7	(1)	3.2	(1)	5.1	(1)	3.1	(i)	.7
3511	Sceam engines and turbines	(1)	2.2	(1)	1.5	(1)	2.8	(1)	1.6	(1)	(2)
3519	Internal combustion engines, n.e.c	(1)	6.0	(1)	4.1	(1)	6.2	(1)	3.9	(1)	1.1
352	Farm machinery and equipment	4.9	5.2	4.2	4.6	5.5	6.7	2.7	4.0	1.6	1.3
353	Construction and related machinery	2.9	3.4	2.7	3.2	3.0	4.9	1.6	3.4	•5	-4
3531,2 3533	Construction and mining machinery	2.7	3.2	2.5	3.0 2.9	3.0	4.6	1.4	3.2	.5	.2
3535,6	Conveyors, hoists, and industrial cranes	3.0	3.5	2.9	3.4	2.8 2.7	4.7 5.1	2.0 1.6	3.3	1 .1	•4
354	Metalworking machinery and equipment	3.5	3.9	3.2	3.4	2.8	4.5	1.9	3.2	.3	.6
3541	Machine tools, metal cutting types	3.5	3.2	3.3	3.1	2.6	4.0	1.7	3.1	(2)	(2)
3545	Machine tool accessories	3.4	3.6	3.3	3.4	2.9	4.4	1.8	3.1	`.í	`.í
3542,8	Miscellaneous metalworking machinery	2.4	3.4	2.1	3.0	2.3	4.3	1.5	3.2	.2	.2
355 3551	Special industry machinery	3.4	3.6	3.1	3.3	3.3	4.5	2.0	3.3	.4	.3
3552	Textile machinery	2.8 4.9	3.4 4.7	2.6	3.2	3.1	4.1	1.9	2.9	.2	.3
356	General industrial machinery	3.6	4.1	3.2	3.4	5.0 2.8	5.9 5.2	2.9 1.8	4.2 3.6	1.2	•5
3561	Pumps; air and gas compressors	3.3	3.6	3.0	3.4	3.0	4.7	1.9	3.5	.2	.6
3562	Ball and roller beatings	(1)	4.7	(1)	2.8	(1)	5.6	(1)	2.7	(1)	1.6
3566	Mechanical power transmission goods	3.5	3.9	3.3	3.6	2.8	5.4	1.8	4.0	`.í	.2
357	Office, computing, and accounting machines	3.7	3.8	3.0	3.1	2.8	4.3	1.7	2.7	.1	.3
3571 358	Computing machines and cash registers	3.3	3.4	2.6	2.6	2.5	4.0	1.3	2.3	.1	.4
3585	Refrigeration, except home refrigerators	4.8 4.9	5.4 5.2	4.0 3.8	4.6 4.1	4.4 4.3	6.5	2.3	4.3	1.0	1.0
36	ELECTRICAL EQUIPMENT AND SUPPLIES	5.0	5.5	4.3	4.7	4.1	5.8	2.5	4.2	.5	.4
361	Electric distribution equipment	3.8	4.6	3.4	4.1	3.0	5.1	1.9	3.9	.2	.2
3611	Electric measuring instruments	4.8	5.6	4.1	5.0	3.7	5.7	2.4	4.4	.4	.3
3612 3613	Power and distribution transformers	3.4	3.9	3.1	3.7	2.6 2.5	5.3 4.4	1.9	4.1	(2)	.1
362	Electrical industrial apparatus	4.1	4.6	3.6	4.1	3.3	5.8	2.2	3.3 4.5	.2	.1
3621	Motors and generators	4.3	4.7	3.9	4.1	3.6	5.3	2.4	3.8	.3	.4
3622	Industrial controls	3.8	4.2	3.5	3.8	2.9	6.4	2.1	5.1	.1	.3
363	Household appliances	5.6	6.4	4.8	5.5	4.4	6.7	2.7	5.1	.4	.4
3632	Household refrigerators and freezers	6.0	6.3	5.2	5.4	3,3	5.7	2.1	4.6	(2)	.1
3633 3634	Housebold laundry equipment	3.3	4.5	2.7	3.9	3.2	6.9	1.9	5.7	•4	.2
3634 364	Electric lighting and wiring equipment	7.6 5.0	8.6 5.3	6.4	7.1 4.7	5.8 4.4	7.8 5.8	4.2 3.0	5.8	.3	.6
3641	Electric lamps	3.6	3.4	3.2	3.1	3.1	3.3	1.7	2.5	.6	.4
3642	Lighting fixtures	5.5	5.6	5.1	4.8	5.0	6.4	3.1	4.4	1.0	.8
3643,4	Wiring devices	5.2	5.9	4.6	5.3	4.6	6.4	3.3	5.2	.4	.2
365	Radio and TV receiving sets	7.4	9.2	6.6	8.0	5.6	7.4	3.3	5.3	7	.3
366	Communication equipment	4.5	4.1	4.0	3.3	3.5	4.3	2.1	3.0	.5	.3
3661 3663	Telephone and telegraph apparatus	(1)	3.0	(1)	2.3	(1)	3.9	(1)	2.7	(1)	.4
3662 367	Radio and TV communication equipment  Electronic components and accessories	5.3	4.5	4.8	3.6	4.0	4.4	2.4	3.1	•6	•3
3671-3	Electron tubes	4.5	6.3 5.2	3.7	5.3 4.5	4.9 3.4	7.2 5.1	2.9	5.1	.7	۰7
3674,9	Electronic components, n.e.c.	5.3	6.6	4.3	5.5	5.3	7.7	2.2 3.1	3.7 5.4	.8	.9
369	Miscellaneous electrical equipment and supplies	4.8	5.2	4.2	4.5	3.9	4.3	2.4	3.2	.3	.2
3694	Electrical equipment for engines		4.5	3.2	3.9	3.0	3.3	1.6	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)

	(Per 100 em		Accessio					Separati		,	
SIC	Industry	Tot		Newl		Tot		Qui		Layo	
Code		0ct. 1966	Sept. 1966	0ct. 1966	Sept. 1966	0ct. 1966	Sept. 1966	0ct. 1966	Sept. 1966	0ct. 1966	Sept 1966
	Durable GoodsContinued										
37 371 3711 3712 3713 3714 3721 3721 3722 3723,9 373 373 373 374 375,9	TRANSPORTATION EQUIPMENT Motor vehicles and equipment Motor vehicles Passenger car bodies Truck and bus bodies Motor vehicle parts and accessories. Aircraft and parts Aircraft engines and engine parts Other aircraft parts and equipment Ship and boat building and repairing Ship building and repairing Railroad equipment Other transportation equipment	5.1 (1) (1) 5.6 5.2 4.2 4.1 3.8 3.8 3.5 6.3 10.1 10.5 5.3 7.4	8.4 12.4 11.4 14.8 5.5 14.2 4.1 3.7 3.9 5.7 8.9 8.7 5.1 9.7	3.7 (1) (1) 5.5 3.4 3.2 3.6 3.2 2.9 5.8 5.6 5.2 3.8 5.8	4.1 4.0 4.4 3.0 3.6 3.6 3.2 3.2 5.4 5.5 5.0 4.1 8.2	4.4 (1) (1) 2.0 6.0 3.4 2.7 2.4 2.2 4.7 11.9 12.9 3.6 10.0	5.3 5.2 5.1 5.0 8.7 4.6 3.9 3.3 4.1 5.5 9.9 10.2 5.7 12.7	2.2 (1) (1) 1.6 3.2 1.7 1.6 1.3 1.2 2.9 3.5 3.1 1.7 5.0	3.1 2.8 2.6 1.4 6.1 2.7 2.8 2.5 2.9 4.0 4.3 3.8 2.9 8.9	1.3 (1) (1) (2) 1.9 .6 .4 .4 .3 .3 .7 .2 8.6 .7	1.2 1.3 1.3 3.0 1.4 .9 .3 .5 .2 4.2 4.9 1.4
38 381 382 3821 383,5 384 386 387	INSTRUMENTS AND RELATED PRODUCTS  Engineering and scientific instruments  Mechanical measuring and control devices  Mechanical measuring devices  Automatic temperature controls  Optical and ophthalmic goods  Surgical, medical, and dental equipment.  Photographic equipment and supplies  Watches and clocks	4.4 4.5 3.9 4.2 3.3 (1) 4.3 (1) 5.7	4.2 3.3 4.3 4.0 5.0 5.0 4.7 3.1 6.0	4.0 4.1 3.3 3.6 2.7 (1) 4.0 (1) 5.2	3.8 3.0 3.9 3.6 4.4 4.5 4.4 2.9 5.2	3.6 2.6 3.7 3.0 5.0 (1) 3.3 (1) 4.5	4.9 3.7 6.0 5.5 6.8 6.1 5.2 3.5	2.4 1.3 1.9 1.9 2.0 (1) 2.0 (1)	3.7 2.9 4.1 4.0 4.4 4.3 4.1 2.8 4.7	.5 .2 1.1 .4 2.2 (1) .4 (1) (2)	.4 .2 .8 .7 1.0 .3 .2 .2
39 391 394 3941-3 3949 395 396 397 398,8,9	MISCELLANEOUS MANUFACTURING INDUSTRIES Jewelry, silverware, and plated ware. Toys, amusement, and sporting goods Toys, games, dolls, and play vehicles Sporting and athletic goods, n.e.c Pens, pencils, office and art materials Costume jewelry, buttons, and notions Other manufacturing industries	6.8 5.3 9.3 10.7 6.8 4.7 7.6 5.4	9.2 6.0 15.4 19.1 8.3 5.5 9.2 6.1	5.9 4.9 8.1 9.7 5.4 3.8 6.6 4.7	8.2 5.3 13.8 17.6 6.6 5.0 8.1 5.4	5.8 4.4 7.7 9.2 4.9 3.7 7.3 4.8	8.6 5.7 12.7 14.7 9.0 7.1 9.5 6.2	3.8 3.2 4.9 5.9 3.2 2.3 4.9 2.9	6.5 4.8 9.6 11.3 6.3 5.6 7.4 4.4	1.0 .4 1.3 1.6 .6 .6 1.6	.8 .2 1.1 1.1 1.2 .4 1.0
	Nondurable Goods										
20 2011 2011 2015 204 2041 2042 205 2051 2052 2072 2071 2082	FOOD AND KINDRED PRODUCTS  Meat products.  Meat packing Poultry dressing and packing Grain mill products Flour and other grain mill products Prepared feeds for animals and fowls. Bakery products. Bread, cake, and perishable products. Biscuit, crackers, and pretzels. Confectionery and related products. Candy and other confectionery products Beverages. Malt liquors	4.6 3.4 4.3 4.1 3.8 5.8 8.9	9.2 8.0 6.3 14.5 5.1 3.7 4.2 4.7 4.4 6.3 10.3 11.7 6.6 3.7	5.6 5.4 2.9 13.0 3.8 3.0 4.0 3.7 3.5 4.5 7.4 8.3 3.4 1.1	7.0 5.7 3.2 13.2 4.3 3.3 3.7 4.1 3.9 4.8 9.4 5.2 2.0	8.0 7.5 6.4 12.8 5.3 2.5 5.2 4.3 3.9 7.0 7.6 8.6 5.3 3.7	11.0 8.3 6.3 14.6 6.4 4.9 5.7 6.1 5.7 8.1 9.3 8.8 6.8	3.9 4.0 1.7 10.9 2.1 1.2 3.0 2.8 2.8 2.8 5.5 6.3 2.6	6.7 5.4 2.8 12.6 4.3 3.6 3.9 4.2 4.0 4.8 6.5 7.2 5.3 2.3	3.2 2.6 3.8 .7 2.4 .6 1.5 .8 .5 2.8 1.1 1.8 2.5	3.3 2.1 2.8 .9 1.2 .5 1.1 .9 .9 1.3 1.1 1.2 2.4 3.8
21 211 212	TOBACCO MANUFACTURES	5.2 .9 5.5	7.1 2.1 7.3	3.4 .8 4.6	4.8 1.7 5.5	4.4 .8 4.8	5.6 3.2 6.9	2.0	3.4 2.5 5.9	1.8 (2)	1.5 (2)

See foomotes 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)

	(Per 100 en	ipioyees)	Accession	on rates				Separatio	n rates		
SIC	Industry	Tot	al	New h	ires	Tot	al	Qu	its	Layo	ffs
Code	musery	Oct. 1966	Sept. 1966	0ct. 1966	Sept. 1966	0ct. 1966	Sept. 1966	0ct. 1966	Sept. 1966	0ct. 1966	Sept. 1966
	Nondurable GoodsContinued										
22 221 222 223 224 225 2251 2252 2254 226 227 228 229	TEXTILE MILL PROOUCTS Cotton broad woven fabrics Silk and synthetic broad woven fabrics Weaving and finishing broad woolens Narrow fabrics and smallwares. Knitting Women's full and knee length hosiery All other hosiery Knit underwear Finishing textiles, except wool and knit Floor covering Yam and thread Miscellaneous textile goods		5.9 5.8 5.6 4.6 5.8 5.3 5.3 5.1 5.0 4.7 6.9 8.1 6.7	4.2 4.4 4.3 2.8 4.4 3.5 3.3 4.4 2.7 3.1 5.2 5.7 4.6	4.9 4.7 4.8 3.3 5.2 4.4 4.7 4.3 3.8 6.1 6.6 5.8	5.3 4.9 5.4 5.3 4.6 5.1 4.0 5.0 3.6 3.4 4.9 7.7 5.4	6.7 5.9 6.3 7.8 5.8 6.6 5.4 6.2 5.3 5.6 6.1 9.0	3.6 3.9 4.0 2.8 3.5 3.1 3.4 3.5 2.9 2.2 3.6 5.3 3.3	5.1 4.8 4.9 4.7 5.0 4.5 5.1 4.8 4.2 4.6 6.8 5.1	0.7 .2 .4 1.6 .3 1.4 .2 .5 .2 .4 .2 1.1	0.6 .2 .4 1.9 .4 1.0 .3 .5 .1 .6 .3 .8
23 231 232 2321 2327 2328 234 2341 2342	APPAREL AND RELATED PRODUCTS  Men's and boys' suits and coats  Men's and boys' shirts and nightwear  Men's and boys' shirts and nightwear  Men's and boys' separate trousers  Work clothing  Women's and children's undergatments.  Women's and children's underwear  Corsets and allied garments.	5.6 3.1 5.5 4.9 5.1 6.6 6.1 6.0	6.7 4.2 6.6 5.9 6.3 7.7 7.8 8.1 7.0	4.1 2.5 4.3 3.6 4.1 5.4 5.0 4.9 5.1	5.0 3.5 5.4 4.6 5.4 6.5 6.4 6.8 5.8	5.7 3.4 5.9 5.6 5.2 6.0 5.5 5.7	7.2 4.4 7.3 6.8 6.8 8.1 7.4 7.8 6.8	3.3 2.0 4.3 4.1 4.2 5.1 4.1 4.4 3.6	4.7 3.1 5.9 5.6 5.5 6.8 5.7 6.0 5.2	1.7 .8 .8 .8 .3 .2 .7 .5	1.6 .6 .5 .4 .4 .5 .7
26 261,2,6 263 264 2643 265 2651,2 2653	PAPER AND ALLIED PRODUCTS Paper and pulp Paperboard Converted paper and paperboard products Bags, except textile bags Paperboard containers and boxes Folding and setup paperboard boxes. Corrugated and solid fiber boxes.	4.3 2.2 2.9 5.0 6.9 6.2 6.1 6.7	4.8 2.8 3.2 5.7 7.5 6.7 7.8 6.8	3.9 1.9 2.7 4.4 6.2 5.8 5.7 6.4	4.4 2.4 2.8 5.1 6.7 6.4 7.4 6.6	4.1 2.2 2.8 5.0 6.8 5.6 5.7 6.1	6.6 5.0 5.8 7.4 8.0 7.8 7.8 7.9	2.6 1.1 2.1 3.0 3.9 3.9 3.8 4.4	5.1 3.9 4.4 5.5 5.9 6.1 6.1 6.3	.5 .3 .2 .8 .9 .5	.5 .4 .6 .8 .6 .4 .3
	PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	4.0	4.9	3.5	4.1	3.5	5.1	2.2	3.7	.7	
28 281 282 2821 2823,4 283 2834 284 2841 2844 285 286,9	CHEMICALS AND ALLIED PRODUCTS Industrial chemicals Plastics materials and synthetics Plastics materials and resins Synthetic fibers Drugs Pharmaceutical preparations Soap, cleaners, and toilet goods. Soap and detergents Toilet preparations Paints, vamishes, and allied products. Other chemical products	2.6 1.6 1.7 2.3 1.4 2.8 2.8 4.7 1.9 7.9 2.3 4.0	3.0 1.9 2.3 2.4 2.3 3.0 3.0 5.8 3.8 9.6 2.8 4.3	2.2 1.4 1.5 2.1 1.1 2.5 2.6 4.3 1.6 7.2 2.2 3.5	2.4	2.5 1.4 2.4 2.2 2.7 2.1 2.1 4.6 3.9 6.2 2.5 2.8	4.6 3.5 3.9 4.6 3.7 4.8 6.9 9.5 5.7	1.4 .8 1.4 1.6 1.3 1.2 2.4 1.3 3.1 1.6	3.3 2.6 2.8 3.7 2.2 3.3 3.6 5.0 4.4 6.6 4.3 4.2	.5 .1 .4 .1 .7 .4 .4 1.3 2.0 1.5 .3	.6 .3 .5 .2 .9 .9 .7 .8 .9
29 291 295,9	PETROLEUM REFINING AND RELATED INDUSTRIES Petroleum refining	1.6 1.1 3.3	2.0 1.5 4.2	1.3 1.0 2.9	1,3	1.9 1.1 4.8	3.9 3.0 7.4	.9 .6 2.2	2.3 1.6 5.0	.4 .1 1.8	.9 .9 1.2
30 301 302,3,6 307	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS Tires and inner tubes Other rubber products. Miscellaneous plastics products.	2.0 5.5	6.9 2.4 5.9 9.8	5.1 1.6 4.7 7.0	1.8 4.9	5.5 1.7 5.6 7.2	7.2 3.2 6.2 9.8	3.4 .8 3.1 4.9		.9 .3 1.2	.6 .2 .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)

			Accessio	n rates				Separatio	n rates		
SIC		То	tal	New h	ires	Tot	al	Quit	S	Layo	offs
Code	Industry	Oct. 1966	Sept. 1966	0ct. 1966	Sept. 1966		Sept. 1966	0ct. 1966		0ct. 1966	Sept. 1966
31 311 314	Nondurable GoodsContinued  LEATHER AND LEATHER PRODUCTS  Leather tanning and finishing  Footwear, except rubber	6.6 5.0	6.6 4.1 6.0	5.0 4.1 4.0	5.3 3.5 4.7	6.1 4.9 6.0	8.4 7.2 8.0	4.4 3.2 4.3	6.3 4.3 6.3	0.8 .8 .8	1.1 2.0 .9
	NONMANUFACTURING										
10 101 102	METAL MINING	1.1	3.0 2.0 2.7	2.3 .8 2.0	2.5 1.5 1.9	3.6 5.4 1.6	6.0 4.6 5.2	1.6 .5	4.8 3.4 4.0	1.1 4.1 (2)	.2 .4 .2
11,12 12	COAL MINING Bituminous	1.9 1.8	1.8 1.8	1.2 1.2	1.2 1.2	1.8 1.7	1.9 1.8	.8 .8	1.1 1.1	.4 .3	.2
481 482	COMMUNICATION: Telephone communication Telegraph communication <sup>3</sup>		2.8 2.9	-	- -	(1) (1)	4.2 3.3	(1) (1)	3.1 2.1	(1) (1)	.7

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

# ESTABLISHMENT DATA SEASONALLY ADJUSTED LABOR TURNOVER

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

				(Pe	t 100 emplo	yees)	,					,
Yeat	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	L	·	L .	т	otal accessi		<u> </u>	<u> </u>	<u> </u>		<u> </u>	L
		Γ	,	·	1	T	<del></del>	l	<del></del>	<del> </del>	<del> </del>	T .
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 1958	4.0	3.9	3.7	3.7	3.6	3.8	3.9	3.3	3.3	3.3	3.1	3.0 4.2
1959 <sup>1</sup>	3.1 4.0	3.1	3.1 4.6	3.3 4.3	3.5 4.1	3.7 4.2	3.9 4.1	3.9 4.1	4.0 4.0	3.9 3.8	3.9 4.2	5.6
1960	4.2	4.3 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	ŭ.ś	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 4.1
1964	3.8	4.0	3.9	3•9 4•0	3.8	4.1	4.0	4.0	3.9	4.0	4.0	4.1
1965 1966	4.0	4.1	4.3	4.0	4.1	4.4	4.1	4.3	4.5	4.5	4.9	4.8
	4.9	4.9	5.2	4.8	5.1	5+3	4.6	5.1	5.0	5.0	l	L
			<b>.</b>		New hires	·				<del>,</del> — —		
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 2.4	2.5	2.5
1962 1963	2.6 2.3	2.6 2.2	2.6 2.4	2.6 2.5	2.7 2.4	2.5	2.6 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	2.5 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.ó	4.0	3.5	3.7	3.6	3.9	3.0	•
			L		otal separat	ione		<u> </u>	<del></del>			
		<del></del>		<u>.</u>	T Separat	1	· · · · · · · · · · · · · · · · · · ·	<del></del>				ı
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 5.4	4.0	4.0	3.9 4.6	4.1	3.9 3.8	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 4.0	3.7 4.2	3.5 4.2	3.8	3.6 4.6	3:7
1959 1	3•7 3•6	3.6 4.1	3.6 4.4	3.8 4.4	3.8 4.3	3.9 4.4	4.3	4.3	4.2	5.0 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	3.9 3.8	3.9	3.9	4.1	3.6	4.0	3.9	3.7	3.8
1965	3•7 4.1	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	5.1	4.5	L	
					Quits							
1956	2.0	2.1	2.0	1.9	1.9	2.0	1.8	2.0	1.9	1:9 1.4	1.9	1.9
1957	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.7	1.9 1.6		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 1961	1.5	1.6	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1962	1.1 1.3	1.5	1:4	1.4	1.5	1.5	1.4	1.5	1.3 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	2.6	2.6		
					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	1.5 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 1963	1.8	2.0	1.8	1.8	2.0	2.0	2.0	2.2	2.0	2.0	2.0	1.9
1964	2.0	1.9	1.9	1.9	1.9 1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.7 1.6
1965	1.8 1.5	1.9 1.4	1.4	1.7 1.5	1.4	1.7	1.6	1.3	1.4	1.7	1.3	1.4
1966	1.2	1.2	1.2	1.2	1,1	1.3	1.7	1.0	1.1	1.0	1	_ <b></b> ¬
	-								,			1

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.

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

(Per 100 employees)

		Accessio		oyees)			Separati	on rates		
State and area	To		New h	ires	Tot	al		its	Lay	
Drave and area	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. <u>1</u> 966	Aug. 1966	Sept. 1966	Aug. 1966
ALABAMA *					_				_	
Birmingham	2.8	3.9	2.4	2.6	4.8	3.9	2.6	1.9	1.7	1.2
Mobile	10.7	8.3	2.7	3.2	10.3	13.0	3.6	2.9	5•9	9.1
ALASKA	19.9	18.2	18.3	15.5	37•5	38.5	13.7	10.8	22.0	25.6
ARIZONA	6.9	6,1	5.4	5.0	5.6	5.6	3.6	3.4	.9	1.2
Phoenix	6.9	6.1	5•3	5.1	5•4	5.6	3.4	3•3	.8	1.2
ARKANSAS	8.3	9.4	7.4	8.2	8.9	9.2	7.1	7.3	.8	•9
Fort Smith	8.4	11.9	7.9	10.0	9.2	10.7	7.5	8.5	.8	1.1
Little Rock-North Little Rock	6.0	8.8	5.4	7.8	5.6	7.3	4.6	5.5	•3	.8
Pine Bluff	6,1	6.1	5.4	5.8	6.9	8.3	5.6	6.1	•6	.6
CALIFORNIA 1	6.3	6.8	5.3	5.4	6.8	6.0	4.3	3.3	1.3	1.4
Anaheim-Santa Ana-Garden Grove Los Angeles-Long Beach				<i>-</i>	7.0	6.4	- 4.5	3.6	1.1	1.3
Los Angeles-Long Beach	6.5	7.4	5.6 -	6.0	7.0	-	4.5	-	- 1.1	
San Bernardino-Riverside-Ontario	-		-			_	_	-	-	-
San Diego	1 -	-	-	-	-	-	-	-	-	-
San Francisco-Oakland San Jose	-	-	-	-	-	-	-	_	-	
Stockton #	_	_		-	l :		_	_	-	
	_	,								
COLORADO	5•5	6.6	4.5	5.6	7.7	6.1	4.9	3•7	1.7	1.5
CONNECTICUT	4.7	4.4	4.2	4.0	6.0	4.2	4.6	3.0	.4	.2
Bridgeport *	'-'	'-'	-	-	-	-		-	-	
Hartford	4.6	4.6	4.2	4.3	5•4	3.5	4.4	2.5	.1	.1
New Britain #	-	- 1	-	_	] [	_	-		_ [	-
New Haven * Stamford *	-			[	_	_	-	-	-	-
Waterbury *	-	-	-	-	-	-	_	-	-	-
DELAWARE 1	3.9	11.9	3.0	2.4	4.2	3.3	2.8	2.0	.6	•5
Wilmington 1	3.6	n.8	2.7	2.2	3.9	3.2	2.7	1.9	•5	•5
DISTRICT OF COLUMBIA:										•
Washington SMSA	2.9	3.2	2.8	3.1	4.0	3•5	3.1	2.7	•2	.2
FLORIDA	7.0	7.3	5.6	6.2	6.0	7.6	4.3	5.0	•7	1.6
Fort Lauderdale-Hollywood	11.0	9.8	9.6	7.7	6.8	8.4	5.1	6.9	•3 1.8	•5 1•4
Jacksonville	3.5	7.5	3.3	6.8 6.1	5.0 4.9	8.5 7.5	2.7 3.5	5.9 4.3	•3	2.3
Orlando	7.2 5.6	6.6 5.7	5.4 3.9	4.3	4.1	5.0	3.0	3.5	.6	•7
Pensacola	1.8	2.3	ĭ.8	2.2	2.0	2.8	1.8	2.0	.1	.3
Tampa-St. Petersburg	8.3	8.7	5.6	6.6	7.5	8.5	4.9	5.3	1.5	1.8 •3
West Palm Beach	4.2	4.8	3.9	4.5	4.8 6.0	4.8 7.8	3.7 4.3	3.7	.6	•3 2.1
GEORGIA	6.1 5.0	9.5 15.2	5.1 4.3	5.6 5.4	5.4	9.5	3.9	4.6	.4	4.2
на <b>w</b> ап <sup>3</sup>	2.7	2.5	2.2	2.2	3.8	4.3	2.3	2.5	•7	1.1
IDAHO <sup>4</sup>	5.8	6.4	5.4	5.9	8.8	8.2	6.3	5.4	1.2	1.2
ILLINOIS:		1		1				ا ا	,	
Chicago	6.1	6.0	5,6	5.5	7.2	6.2	5•4	4.6	•4	
INDIANA 1	5.1	5.7	4.3	14.14 14.14	6.0	5.2 5.2	4.5 4.2	3.4 3.2	•5 •2	•¹ •9
Indianapolis 5	5.8	4.8	4.6	4.4	5.7	7.2	7.2	اعتر		.,
IOWA	5.6 5.4 5.2	5.3 4.8 4.1	4.7 4.1 4.2	4•3 3•5 3•5		5.3 4.8	5•3 4•9 4•8	3.9 2.7 3.8	•5 •8	.7 1.3 .8
		. 4.₄O	. 4.1	. 3•7		,		1	1.3	7

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

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

(Per 100 employees)

· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		r 100 emp. on rates	toyees /			Separation rates			
<b>.</b>	To	tal		hires	To	tal		its	Laye	offs
State and area	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966
KANSAS	5.8 3.2 5.3	6.0 4.2 5.9	5.0 2.7 4.6	5.0 3.6 5.0	6.3 6.1 5.3	6.1 5.9 5.2	4.1 4.3 3.5	3.8 3.8 3.4	0.9 1.1 ·3	1.0 1.4 .6
KENTUCKY	4.8 4.6	5.4 4.1	3.7 3.4	3.8 3.0	5.6 4.2	5.2 3.8	3.2 2.6	3•3 2•5	1.3	1.0 •3
LOUISIANA  New Orleans 6	4.6 4.4	6.1 5.3	3.4 3.0	4.8 3.5	5•5 6•4	5•5 7•0	3.0 3.0	2.8 3.1	1.6 1.6	1.8 2.6
MAINE	6.6 4.8	8.2 4.8	5.4 4.5	6.7 4.4	10.3 6.5	7•7 5•1	6.7 4.0	5.9 4.2	2.5 1.8	•7 •2
MARYLANDBaltimore	5.8 5.8	4.9 4.6	3.4 3.4	3.8 3.4	6.2 5.3	5.7 6.0	3.5 3.2	2.7 2.5	1.6	2.2 2.6
MASSACHUSETTS Boston Fall River New Bedford Springfield-Chicopee-Holyoke Worcester	5.4 5.0 5.1 7.2 5.9 4.8	5.5 5.3 5.9 10.0 5.7 4.4	4.4 4.3 4.2 4.7 4.9 3.9	4.2 3.8 4.4 4.6 4.5 3.8	6.6 5.8 7.2 6.5 7.8 6.1	5.2 4.5 5.5 7.6 6.4 4.6	4.9 4.4 3.9 4.4 5.6 4.1	3.4 3.0 2.9 3.9 3.8 3.1	.6 .5 1.8 1.2 1.0	.8 .7 1.6 2.8 1.2
MICHIGAN	6.0 5.5 -	9.5 10.4 -	4.6 4.2	4.2 3.6 -	6.1 5.2 -	7.7 7.1	3.7 3.1 -	2.9 2.6 -	1.2 .9 -	3.4 3.0 -
Lansing ** Muskegon-Muskegon Heights ** Saginaw **	1 1	- - -	-	-	-		-	- -	- -	-
MINNESOTA  Daluth-Superior  Minneapolis-St. Paul	6.6 6.1 5.4	7•3 3•5 5•9	5.6 5.5 4.5	5.4 3.1 4.1	9•7 7•9 6•7	6.2 5.3 5.7	6.4 6.0 4.9	3•5 3•3 3•0	2.5 •3 •9	1.8 .6 1.8
MISSISSIPPI *	- 7•5	- 7.2	- 7.1	- 6 <b>.</b> 2	7.0	6.7	- 6 <b>.</b> 1	5•5	<b>(</b> 7)	- •3
MISSOURI Kansas City St. Louis	5.2 5.9 4.2	5•9 5•4 5•7	4•3 5•0 3•5	4.4 4.3 3.5	5.8 6.1 5.1	5.4 5.5 4.4	4.0 3.7 3.5	3.6 3.4 2.9	.8 1.2 .6	.8 1.2 .5
MONTANA 4	6.1	5•7	5•3	4.9	10.2	5•7	7.7	4.2	1.5	•5
NEBRASKA	6.8	6.1	5•2	5.1	7.7	6.4	5.8	4.5	1.1	1.2
NEVADA	<b>(</b> 8)	5•9	(8)	4.6	(8)	9.2	<b>(</b> 8)	3.2	(8)	5.0
NEW HAMPSHIRE	7.2	6.5	5.8	5.7	8.5	6.3	6.4	4.9	.7	•5
NEW JERSEY: Jersey City Newark Paterson-Clifton-Passaic Perth Amboy Trenton	4.4 5.4 4.9 3.9 4.8	5.2 6.5 6.9 4.1 4.9	3.4 4.6 4.2 3.3 3.6	3.3 3.7 4.2 3.2 3.2	5.0 5.6 5.5 4.8 4.4	4.2 5.0 4.9 3.5 4.1	2.7 3.7 3.6 3.5 3.0	2.1 2.8 3.0 2.4 2.3	1.3 .9 .8 .4	1.3 1.3 1.0 .4
NEW MEXICO #	-	-	-	=	-	-	-	-	:	-
NEW YORK Albany-Schenectady-Troy Binghamton Buffalo Elmira	5.5 3.5 3.5 5.1 4.9	6.0 3.3 3.4 7.0 4.5	4.0 2.7 2.9 3.0 4.4	4.1 2.5 2.7 2.7 4.1	5.8 4.8 4.2 5.0 5.8	4.9 3.7 3.2 3.6 4.5	3.4 3.1 2.9 3.4 4.2	2.7 2.0 2.4 2.0 2.4	1.3 .6 (7) .8 .3	1.3 .5 (7) .8 1.2

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

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

(Per 100 employees)

			on rates	Loyees /			Separati	on rates		
State and area	To	tal		hires	Tot	tal	Qu	its	Lay	offs
State and area	Sept.	Aug.	Sept.	Aug.	Sept.	Aug.	Sept.	Aug.	Sept.	Aug.
	1966	1966	1966	<u>1966</u>	<u>1966</u>	1966	1966	1966	1966	1966
NEW YORK (continued)				ļ						
Monroe County 9 10	4.0	3.8	3.4	3.2	4.5	3.7	3.4	2.6	0.4	0.5
Nassau and Suffolk Counties 11	5.1	5.7	4.6	4.9	5.4	4.8	3.8	3.0	7	.8
New York SMSA	5.5	6.5	4.0	4.4	5.7	5.1	2.8	2.5	1.9	1.6
New York City 11	5.1	6.8	3.9	4.6	5.9	5.0	2.5	2.4	2.3	1.5
Rochester	5.8	5.0 4.6	4.6 4.4	4.1 3.8	5.2	4.1	3.9 4.5	2.8 2.8	.6	•7
Utica-Rome	5•3 5•6	5.3	4.8	4.1	6.0 4.9	3•9 4•7	3.7	2.6	.5	.3 1.2
Westchester County 11	10.9	5.6	3.8	3.6	5.5	7.6	3.0	2.5	1.6	4.2
NORTH CAROLINA	6.7	7.3	5•7	6.0	6.7	6.8	5.5	5.4	.4	.4
Charlotte	6.8	7.1	6.3	6.5	7.2	7.7	5.7	6.4	.5	•2
Greensboro-High Point	6.1	6.9	5.5	6.0	6.7	7.6	5.7	6.1	ú	•4
NORTH DAVOTA	<b>.</b>	]	, ,	0.3	8.1	1. 2	4.0	0.7	ا م	1.0
NORTH DAKOTA	5.2 15.8	3.0 3.4	4.1 6.7	2.3	5.2	4.3 4.8	3.0	2.7 3.4	2.3 .8	•9
	15.0	3.4	0.7	2.9	. ٢٠٠٠	4.0	3.0	3•4	••	
OHIO	4.8	5.1	3.8	3.6	5•5	4.5	3.8	2.7	•7	.8
Akron	3.4	3.8	2.6	2.6	3.7	2.9	2.4	1.8	•4	•3 •4
Canton	4.4	4.6	3.8	3.6	6.0	4.6	3.9	2.5	.8	•4
Cincinnati	4.1	5.4	3.5	3.4	4.7	5.0 4.4	3.1	2.7	.6	1.4
Columbus	4.2	4.4	3.6	3.4	5.4		3.9	3.0	•5 •8	•5
Dayton	3.8 4.2	4.8	3.2	3.5	4.7 4.7	4.5 4.0	3.1 3.2	2.6 2.6		•5
Toledo	4.2 4.3	5•3 6•3	3.6 3.4	3.7 4.1	4.9	5.3	3.0	2.7	•5 •6	1.4
Youngstown-Warren	5.8	6.6	3.1	2.4	6.0	4.8	3.5	1.8	1.6	2.0
*										
OKLAHOMA *	-	-	- <b>-</b> ^	,	-	-		\ <u>-</u>	- <u> </u>	~
Oklahoma City	6.9 5.2	6.7 5.2	5.8 4.8	5.6 4.8	6.0 6.3	6.0 6.4	4.5 4.7	4.3 5.0	.8 .5	.4
OREGON 1	6 -	- 0	- 0			77	6.1	1. 1		0.6
Portland 1	6.5 6.1	5.8 5.8	5.8 5.5	5.1 5.1	9 <b>.</b> 1 9 <b>.</b> 2	7.7 6.7	6 <b>.1</b> 5 <b>.</b> 8	4.1 3.6	2.0 2.3	2.6 2.1
PENNSYLVANIA *									•	
Allentown-Bethlehem-Easton	<b>3.</b> 8	4.9	2.8	3.0	5.2	4.6	3.5	2.9	1.0	1.0
Altoona	4.6	6.6	4.2	4.1	6.4	5 <b>.</b> 1	4.1	4.0	1.9	•.7
Erie	5 <b>.1</b>	5.0	4.2	3.8	5.7	4.2	4.2	2.6	.6	. 7
Harrisburg	3.2	4.2	2.9	3.8	4.5	4.1	3.5	3.2	.5	• 4
Johnstown	5.0	3.9	4.6	3.3	5.3	4.6	4.1	3.5	.7	•7 •3 •2
Lancaster	3.6	4.1	3.3	3.7	4.8	4.8	3.8	3.6	.3	•7 •7
Philadelphia	4.2	4.8	3.4	3.5	5.1	4.1	3.1	Ž.5	1.0	•7
Pietsburgh	2.4	2.8	2.0	1.9	4.4	2.8	2.7	1.7	.9	•5 •6
Reading	5•5	5•9	4.7	3.6	5•5	4.4	4.2	3.2	•7	6
Scranton	5.3	5.6	4.4	4.7	4.6	4.8	3.0	2.8	1.2	1.3
Wilkes-Barre-Hazleton	4.3	4.8	3.2	3.4	5.1	5•3	3.5	2.9	9	1.7
York	7 <b>.</b> 8	6.7	5.0	5.2	6.1	6.2	5.0	4.7	.6	•9
RHODE ISLAND	8.0 8.1	6.4 6.6	6.8 6.9	5.2 5.3	8.5 8.6	6.3 6.4	6.5 6.6	4.7 4.8	1.0	.8 .8
	0.1	0.0	0.7	/.5		•	•			
SOUTH CAROLINA *	-	-	-	· -	-	-	-	-	- )	-
Charleston	7.9	7.5	7.2	6.9	7-3	8.4	6.2	7.0	.1	.2
									_ [	
SOUTH DAKOTA	5-3	4.9	4.5	3.3	7.0	7.4	5.0	4.6	1.5	1.9 4.1
	5.4	4.2	4.4	1.9	6.1	7.9	3.9	3.5	2,2	4.1
TENNESSEE #	- 1	_	_		_	-	_	_	_	-
Chattanooga		_ [	-	_	_	_	_	-	_	
Knoxville *		_ ]	_		_	_	_	- 1	- 1	-
Memphis	6.5	7.6	5.5	6.9	7.1	6.7	4.3	4.4	1.8	1.2
Nashville *	-	-		-	-	-	-	-	-	
TEXAS 13		_	h = 1	4.4	5.6	5.8	4.0	3.8	.7	1.1
Dellar 13	5.5	5.0	4.3 5.4	4.8	5.9	6.5	4.4	4.1	:51	1.4
For Worth 13	7.0	5•3 6.2	5•7	5.2	5.8	9.8	4.3	4.3	ا۾ <u>:</u>	4.5
Houseon 13	4.0	4.1	3.7	3.8	5.3	4.3	3.7	3.1	.5	•3
Fort Worth 13 Houston 13 San Antonio 13	4.2	3.6	3.8	3.4	4.1	3.7	3.i	2.9	•7 •5 •8 •5	•3 •1
	***	J	J			J-1 1			- '	

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

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

(Per 100 employees)

Accession rates Separation rates										
·	To	tal		nires	Tot	tal		its	Lay	offs
State and area	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966	Sept. 1966	Aug. 1966
UTAH 4 Salt Lake City 4	4.5 4.7	4.6 4.3	3.6 4.0	3•7 3•7	7•3 6•7	5.1 4.9	4.7 4.7	3.0 3.1	1.7 1.2	1.2 .9
VERMONT Burlington Springfield	4.5 3.6 3.0	4.1 3.7 3.3	3.8 3.0 2.6	3•5 3•0 2•9	5.0 3.7 4.5	4.1 3.6 3.1	3.8 2.4 3.5	3•3 2•5 2•2	.5 .9 .1	,1 (7)
VIRGINIA  Norfolk-Portsmouth  Richmond  Roanoke	5.0 - 4.4 -	6.2 5.6	4.1 4.0	4.6 4.6	5.4 - 5.0 -	5.7 4.8	4.0 3.8	3.9 3.5	•5 •3 •	.9 .2
WASHINGTON * Seattle-Everett 14 Spokane * Tacoma *	6.5 -	6.3 -	5.5 - -	5.4 -	7.1 -	- 5•5 -	- 5•4 -	3.9 -	- .6 -	- .5 -
WEST VIRGINIA * Charleston	3.0	2.4	2.6	1.6 -	6.5 -	2.4	2.2 -	1.8 -	- .2 -	-3 -
WISCONSIN	6.0 6.5 6.4 4.3 5.6 4.9 6.1	8.4 3.3 32.2 5.1 5.0 6.2 6.3	4.9 5.1 1.6 3.3 4.3 4.1 5.6	5.0 2.6 2.4 3.0 4.1 3.5 4.9	8.2 7.7 4.9 5.8 7.0 6.4 6.7	5.7 3.6 4.4 6.3 5.4 4.6 5.3	6.1 6.7 2.7 3.6 5.1 4.8 5.2	4.0 2.0 2.3 3.2 3.6 3.1 3.5	1.3 .3 1.3 1.4 1.1	.8 .6 1.3 1.5 .9
WYOMING 4	4.7	4.6	4.6	4.0	8,3	6.6	5.1	4.2	1.6	1.7

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

<sup>&</sup>lt;sup>1</sup>Excludes canning and preserving.

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

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

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

<sup>5</sup>Excludes canning and preserving, and newspapers.

<sup>6</sup>Excludes printing and publishing.

<sup>7</sup>Tess than 0.05.

<sup>7</sup> Less than 0.05.

<sup>9</sup> Initial inclusion in this publication.

Subarea of Rochester Standard Metropolitan Statistical Area.

Note: Data for the current month are preliminary.

10 Subarea of Rochester Standard Metropolitan Statistical Area.
11 Subarea of New York Standard Metropolitan Statistical Area.
12 Excludes new-hire rate for transportation equipment.
13 Excludes canning and preserving, sugar, and tobacco.
14 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)

	(Week including the 12th of the month)  Number (in thousands)						cent of average	covered
Seese			· · · · · · · · · · · · · · · · · · ·	Change to	Nov. 1966		employment	Γ
State	Nov.	Oct.	Nov.	Oct.	Nov.	Nov.	Oct.	Nov.
	1966	1966	1965	1966	1965	1966	1966	1965
TOTAL <sup>2</sup> SEASONALLY ADJUSTED	856.5 9963	7521 9772	1,0051 1,1729	104.4	-148.5 -176.7	1.8 2.1	1.6 2.1	2.2 2.6
Alabama	122	10.8	1 4 1	1.5	*1.8	2.0	1.7	2.4
Alaska	29	1.7	3 3	1.2	*.4	7.0	4.1	9.8
Arizona	5.7	5.3	7 2	.4	*1.5	2.0	1.8	2.6
Arkansas	7.7	6.5	8 4	1.1	*.7	2.2	1.9	2.5
California*	170.6 3.8 9.8 1.7	1461 2.8 92 22	1868 3.7 12.6 1.4	2 4 .5 1 .0 .7 -5	-1 6.2 -2.8 .3	3.8 .9 1.1 1.1	3.2 .7 1.1 1.5	4.3 1.0 1.5 1.0
District of Columbia Florida Georgia Hawaii	2.9	2.8	3.5	.1	6	9	9	1.1
	1.5.1	1 8.5	16.5	-3 .5	-1.4	13	1.6	1.5
	1.0.1	9.8	11.1	.3	-1.0	11	1.1	1.3
	5.6	4.8	5.3	.8	.3	29	2.5	2.9
Idaho	2.9	1.9	2.2	1.0	7	2.1	1.4	1.8
	23.9	22.5	35.9	1.4	-121	.8	.8	1.3
	9.6	7.8	12.9	1.9	-32	.8	.6	1.1
	31	2.4	3.5	.7	-4	.6	.5	.7
Kansas	4.0 9.1 8.9 5.2	32 71 93 36	5.3 11.0 10.1 4.8	9 2.0 •.4 1.5	-1 & -1 9 -1 3	1.1 1.7 1.4 2.5	.8 1.4 1.4 1.8	1.4 2.2 1.7 2.5
Maryland	9.4	7.6	15.0	1.8	-5.6	1 &	9	2.0
	40.7	38.0	45.0	2.7	-4.3	2 6	2.4	2.9
	25.2	21.8	20.5	3.4	4.8	1 &	1.0	1.1
	7.4	4.4	9.5	3.0	-2.1	9	.5	1.2
Mississippi	3.9	3.6	4.5	.3	-6	1 2	1.1	1.4
Missouri	1.8.1	17.6	20.1	.5	-2.0	1 7	1.6	2.0
Montana	3.1	1.5	2.0	1.7	1.1	2 6	1.2	1.7
Nebraska.	2.3	1.6	3.1	.8	-8	9	.6	1.3
Nevada	6.1 1.4 3.9.2 4.2	4 9 1 1 3 7 2 3 2	51 21 46.4 4.0	1.2 2.0 1.0	1.1 -7 -7.2 2	4.8 .8 2.3 2.4	3.9 .6 2.1 1.9	4.1 1.3 2.8 2.4
New York.  North Carolina  North Dakota  Ohio	131.7	114.7	159.5	169	-278	2.5	2.2	3.1
	13.0	10.7	16.9	23	-3.9	1.2	1.0	1.6
	1.6	5	1.2	11	.4	2.0	.6	1.6
	23.6	16.1	39.5	7.5	-15.9	9	.6	1.6
Oklahoma	8.4 13.9 47.0 42.4	7.7 8.7 42.6 50.6	10.4 11.0 70.5 41.4	.7 5.2 4.4 • 8.2	-2.0 -2.3.5 1.0	2.0 2.9 1.5 6.8	1.8 1.8 1.4 6.5	2 6 2 4 2 3 7 2
Rhode Island South Carolina South Dakota Tennessee	52	4.8	5.5	.4	3	2.0	1 .9	2.2
	91	7.6	8.1	1.5	1.0	1.7	1 .5:	1.7
	.7	.4	.8	3	1	9	.5:	1.0
	16.7	11.6	13.9	5.2	2.8	2.1	1 .4	1.8
Texas Utah Vermont Virginia	1 9.7 4.3 1.8 3.5	182 3.7 13 3.2	2 9 5 5 6 2 1 4 3	1.5 .6 .5 .3	-9.8 -1.3 -3 -8	9 2 2 3 .4	9 1.9 1.5 .4	1.5 2.8 2.6 .5
Washington.	20.6	15,2	29.0	5.4	-7.3	3.1	2.3	4.4
West Virginia	6.3	6,5	82	-1	-1.9	1.9	1.9	2.5
Wisconsin	9.9	6,8	11.1	3.1	-1.2	1.0	.7	1.1
Wyoming	1.1	,5	.8	6	3	1.7	.8	1.2

 $<sup>^{1}\</sup>mbox{Based}$  on unrounded data; changes of less than 50 not shown.

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

<sup>\*</sup>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)

				, .	OI WEEK INC		OI VIIC BOILOIL			<del></del>	
State and area	Nov. 1966	Oct. 1966	State and area	Nov. 1966	Oct. 1966	State and area	Nov. 1966	Oct. 1966	State and area	Nov. 1966	Oct. 1966
ALABAMA Birmingham Mobile	3.0 1.4	2.8 1.2	INDIANA Evansville Ft. Wayne Gary-Hammond	.7 .4 1.0	.5 .5 .8	NEW HAMPSHIRE Manchester	2	2	Pennsylvania continued York	.5	
ARIZONA Phoenix	3. <b>3</b> .	32	Indianapolis South Bend Terre Haute	1 .9 .6 .6	1.7 .5 .4	NEW JERSEY Atlantic City Jersey City Newark New Brunswick. Paterson	1.8 5.6.3 1.3.6.3 8.4	1.4 5.0 10.7 3.0 8.0 1.0	PUERTO RICO* Mayaguez Ponce San Juan	1.1 1.2 3.9	1.0 1.3 3.7
ARKANSAS Little Rock	.3	.4	Cedar Rapids Des Moines	.1 .3	.3	Trenton	1.1	1.0	RHODE ISLAND		-
CALIFORNIA*			Wichita	.9	.8	Albuquerque	1 .5	12	Providence	5.5	5.(
Fresno Los Angeles Sacramento San Bernardino San Diego San Francisco	3.6 62.7 7.5 10.5 29.8	2.9 60.9 4.9 10.3 9.3 24.3	KENTUCKY Louisville  LOUISIANA Baton Rouge New Orleans	1.8 .4 3.1	1.5 .4 3.4	MEW YORK Albany Binghamton Buffalo New York	2.7 .7 6.6 104.4	2.0 .5 4.9 97.2	SOUTH CAROLINA Charleston Greenville	.8 .7	<i>?</i>
San Jose Stockton	2 9 2 7 9 3 3	6.1 1.4	Shreveport  MAINE Portland	.5	.6	Rochester Syracuse Utica	1.9 1.6 1.9	13 11 12	TENNESSEE Chattanooga Knoxville Memphis	.9 1.1 1.8	.8 9 1.6
Denver	0, S	1.8	MARYLAND Baltimore	6.2	5.0	NORTH CAROLINA Asheville Charlotte	.4 .6	. <b>4</b> .6	Nashville	2.8	1.6
CONNECTICUT Bridgeport Hartford New Britain New Haven	1.5 1.3 .5 1.3	1.5 1.2 .4 1.1	MASSACHUSETTS Boston	17.1	15.9	Durham Greensboro Winston-Salem	.5 .4	.4 .4	TEXAS Austin Beaumont Corpus Christi Dallas	.4 1.0 .5 2.3	.4 .8 .5 .5 .5 .9 .0 .1
Stamford Waterbury  DELAWARE	1.0	2.3	Fall River Lawrence Lowell New Bedford Springfield	2.7 2.7 1.6 2.7 3.4	2.5 2.7 1.4 3.4	OHIO Akron Canton Cincinnati Cleveland	1.3 .9 3.4 4.1 1.7	.8 .6 .9 .2 3	El Paso Ft. Worth Houston San Antonio	1.2 1.0 2.4 1.3	9 1.0 2.4 1.3
Wilmington  DIST. OF COL.	1.6		Worcester	0, \$	1.9	Columbus Dayton Hamilton Lorain	1.1 .7 .4	1 2 .7 .4 .2	UTAH Salt Lake City	0.8	2
Washington	4.2	4.1	Battle Creek Detroit Flint Grand Rapids	12.7 1.0 9	3 130 10 9 3	Steubenville Toledo Youngstown	1.6 1.8	1.2 1.7	VIRGINIA Hampron	.3	.3
Jacksonville Miami Tampa	.6 <b>4</b> .8 2 2	5.2 2.4	Kalamazoo Lansing Muskegon Saginaw	.4 .4 .4 .3	.3 .4 .3 .3	OKLAHOMA Oklahoma City. Tulsa	1 .8 1 .4	1.7 1.2	Norfolk Richmond Roanoke	.7 2 2	.3 .5 .2 .2
GEORGIA Atlanta Augusta Columbus Macon	2 3 .5 .4 .3	2.3 5.4 3.5	MINNESOTA Duluth Minneapolis	.6 1 .8	.4 1.7	OREGON Portland	4.7	3.5	WASHINGTON Seattle Spokane Tacoma	6.3 2.5 1.7	5.1 1.9 1.6
Savannah  HAWAII  Honolulu	4.6	3.9	MISSISSIPPI Jackson	2	.2	PENNSYL VANIA Allentown Altoona Erie Harrisburg	2.0 .8 .7 1.2	2.0 .6 .4 1.3	WEST VIRGINIA Charleston Huntington Wheeling	.6 1 <b>1</b> .6	.8 .8 .7
ILLINOIS Chicago Davenport Peoria Rockford	131 .6 .5 .2	1 2 .9 .5 .5 .2	MISSOURI Kansas City St. Louis  NEBRASKA Omaha	4.7 8.7	3.5 9.9 1.1	Johnstown Lancaster Philadelphia Pittsburgh Reading Scranton Wilkes-Barre	1.5 .4 17.4 10.1 .7 1.8 3.4	1.3 1.71 7.9 8 1.9 3.3	WISCONSIN Kenosha Madison Milwaukee Racine	2 .4 2.4 .4	2 3 2 2 .4

<sup>&</sup>lt;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>\*</sup>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 noninterview 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, labormanagement 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 noneconomic 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 nonwhite) 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)

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

	Both sexes		Male		Female		
Size of estimate	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	l	100	<b></b>	
10,000	140	١	140		130		
20,000	180		150		170		
30,000	210	1					
40,000	220		1		• • •		
±0,000 · · ·		• • •	•••	•••	•••		

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 month- to-month change			
Standard error of monthly level	Estimates relating to agricultural employment	All esti- mates ex- cept 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 percent-		Estimated percentage							
ages (thou- sands)	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
150 250	1.0 .8	1.4 1.1	2.2	3.0 2.3	3.5 2.8	4.0 3.1	4.2 3.4	4.7 3.7	4.9 3.9
500 1,000	.6 .4	.8 .5	1.2	1.7	2.0 1.4	2.2 1.6	2.4 1.7	2.6 1.9	2.8 1.9
2,000	.3	.4	.6	.8	1.0	1.1	1.2	1.3	1.4
3,000 5,000	.2	.3	.5 .4	.7	.8 .6	.9	1.0 .8	1.1 .8	1.1
10,000 . 25,000 .	.1	.2	.3	.4	.4	.5 .3	.5	.6	.6
50,000	.1	.1	.1	.2	.3	.2	.3	.4	.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. For Federal Government, hours and earnings relate to all employees who worked or received pay during the pay period which includes the 12th of the month, Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

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

Construction workers include the following employees in the contract construction division: Working foremen, journeymen, mechanics, apprentices, laborers, etc.,

whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairmen, salespersons, operators, drivers, 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-tomonth; 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.

#### Spendable Average Weekly Earnings

Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from gross weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker and his marital status, as well as on the level of his gross income. To reflect these variables, spendable earnings are computed for a worker with no dependents, and a married worker with three dependents. The computations are based on the gross average weekly earnings for all production or nonsupervisory workers in the industry division without regard to total family income.

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

#### Average Hourly Earnings Excluding Overtime

Average hourly earnings excluding premium overtime pay are computed by dividing the total productionworker payroll for the industry group by the sum of total production-worker man-hours and one-half of total overtime man-hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the Monthly Labor Review, May 1950, pp. 537-540). Both methods eliminate only the earnings due to overtime paid for at  $1\frac{1}{2}$  times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

## Indexes of Aggregate Weekly Payrolls and Man-Hours

The indexes of aggregate weekly payrolls and manhours 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:

 $Quit_8$  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 Nonagricultural Industries and on Measuremnt 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>

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

<sup>&</sup>lt;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>&</sup>lt;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

reported of  Manufacturing		Employees		
Metal mining       65,800       8         Coal mining       61,600       4         Communication:       579,200       8	Industry		Percent of total	
Metal mining       65,800       8         Coal mining       61,600       4         Communication:       579,200       8	Manufacturing	10,809,200	61	
Coal mining 61,600 4 Communication: 579,200 8		65,800	80	
- 1	Coal mining	61,600	43	
	Telephone	579,200	80	
Telegraph 21,600 6	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.	Standard deviations of revisions			
estimate	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

1963	1964	1965
101.0	100.0	99,5
100.3	100.0	99.5
101.5	101.5	100.9
100.1	100.2	99.8
100.0	100.4	100.1
100.6	100.4	99.4
	l	ł
99.8	99.4	100.7
100.8	99.7	97.9
103.8	99.0	99.8
	101.0 100.3 101.5 100.1 100.0 100.6 99.8 100.8	101,0 100,0 100,3 100,0 101.5 101.5 100.1 100.2 100.0 100.4 100.6 100.4 99.8 99.4 100.8 99.7

#### 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 nours 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

İtem	Basic estimating cells (industry, region, size, or region/size cell)	Aggrégate industry levels (divisions, groups and, where stratified, individual cells)			
	Monthly Data				
All employees	All-employee estimate for previous month multi- plied 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 multi- plied by (1) ratio of production or nonsuper- visory 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-houts divided by number of production or nonsupervisory workers.	Average, weighted by production- or nonsuper- visory-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 employ- ment, of the average weekly overtime hours for component cells.			
Gross average hourly earnings	Total production- or nonsupervisory-worker pay- roll divided by total production- or nonsuper- visory-worker man-hours.	Average, weighted by aggregate man-hours, of the average hourly earnings for component cells.			
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.			
Labor turnover rates (total, men, and women).	The number of particular actions (e.g., quits) in reporting firms divided by total employment in those firms. The result is multiplied by 100. For men (or women), the number of men (women) who quit is divided by the total number of men (women) employed.	Average, weighted by employment, of the rates for component cells.			
	Annual Average Data				
All employees and production or non- supervisory 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 annu 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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