

**EMPLOYMENT  
AND  
EARNINGS  
AND MONTHLY  
REPORT ON  
THE LABOR FORCE**

*FEBRUARY 1968*

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*Highlights*

In accordance with regular practice at the beginning of each year, the seasonally adjusted labor force series have been slightly revised, due to the application of new seasonal factors which incorporate 1967 data. The revisions did not affect the total unemployment rates published in 1967 by more than 0.1 percentage point. The method of seasonal adjustment, the new factors, and the updated seasonally adjusted series appear on pages 11, 13, and 14-22.

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

## SUMMARY EMPLOYMENT AND UNEMPLOYMENT DEVELOPMENTS, JANUARY 1968

Unemployment fell in January for the third consecutive month, but payroll employment showed little change, after allowance for normal seasonal declines. The national unemployment rate stood at 3.5 percent in January, a decrease from 3.7 percent in December and the lowest rate since November 1953.

Total employment and the labor force normally decline sharply in the post-Christmas season. In January 1968, the labor force decline among adult women was considerably greater than usual. This decline, together with a seasonally adjusted increase in teenage employment, resulted in a lower unemployment rate, even though payroll employment showed only a small seasonally adjusted increase.

The situation in January was in many respects the reverse of that in September and October. Last fall the labor force increase for adult women exceeded the rise in their employment, and the unemployment rate increased.

### Industry Developments

Total nonfarm payroll employment showed a small seasonally adjusted increase in January, despite a sharp drop in construction employment resulting from extremely cold and snowy weather. Employment in manufacturing, trade, the miscellaneous service industries, and State and local government continued to move up as in recent months.

Manufacturing employment (seasonally adjusted) rose by 45,000 in 19.5 million in January--almost back to its January 1967 peak. Almost all of the durable goods industries recorded employment pickups from December to January. The biggest increase, 25,000 in machinery, primarily reflected the return of workers who had been on strike in December.

In line with long-run growth trends, the service producing industries showed continued gains. Employment in trade and the miscellaneous service industries each rose by about 30,000 over the month, while State and local government advanced by 50,000 (seasonally adjusted). Federal government employment has been edging down in recent months and, at 2.7 million in January, was 50,000 below the July 1967 high.

The workweek for manufacturing production workers declined from 40.8 hours in December to 40.5 hours in January (seasonally adjusted). Hours were unchanged in durable goods, but there was a drop of 0.5 hour in the nondurable goods sector. The effect of bad weather was evident in a large decline (1.6 hours) in the construction workweek.

Average hourly earnings for nonsupervisory workers rose in all major sectors of the private economy over the month. At \$2.75 in January, their hourly earnings were up 3 cents over the month and 14 cents (5.4 percent) since January 1967. Because of the decline in average hours, however, weekly earnings at \$103.40 were down 50 cents over the month. Over the year, average weekly earnings were up \$3.70 (3.7 percent).

### Unemployment

The number of unemployed workers totaled 3.1 million in January, down 100,000 from a year earlier. Of the total unemployed, 1.3 million were adult men, 1.1 million adult women, and 650,000 teenagers.

For adult men, the jobless rate has been low and relatively stable (2.2 to 2.5 percent) since July. In contrast, the rates for women and teenagers have fluctuated widely. For teenagers, the jobless rate moved irregularly upward during most of 1967, but was down to 11.3 percent in January 1968--about equal to the lowest level of the 1960's. The

rate for adult women was 3.9 percent in January, compared to 4.1 percent in December, and well below the nearly 5.0 percent levels of last September and October.

Jobless rates for both white and nonwhite workers have declined steadily from the October 1967 highs. The nonwhite unemployment rate declined more rapidly than that for whites, but, at 6.4 percent in January, was exactly double the white rate.

State insured unemployment rose more than seasonally in mid-January, and the rate increased from 2.2 to 2.4 percent. The insured rate, which had moved up to 2.7

percent in the April-August 1967 period, has remained between 2.2 and 2.4 percent since September.

#### Total Employment

At 73.3 million in January, total employment was up 1.1 million from a year earlier. The over-the-year increase took place entirely among adults, 600,000 men and 700,000 women, while teenage employment moved down 200,000. Because the big population group born shortly after World War II has moved into their early twenties, employment growth is now largely among adults, not teenagers.

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

Week Ended	Current			Year Earlier		
	Initial claims	Insured unemployment	Rate (percent)	Initial claims	Insured unemployment	Rate (percent)
<u>1967</u>						
December 9. . . .	258.1	1,126.5	2.3	302.6	1,128.8	2.4
December 16. . . .	241.7	1,201.1	2.5	254.7	1,205.3	2.6
December 23. . . .	290.1	1,259.4	2.6	289.0	1,268.5	2.7
December 30. . . .	332.7	1,484.4	3.0	373.8	1,498.0	3.2
<u>1968</u>						
January 6.	357.8	1,617.9	3.3	346.4	1,594.3	3.4
January 13.	373.3	1,647.3	3.4	334.2	1,563.2	3.3
January 20.	293.5	1,649.1	3.4	277.7	1,551.3	3.3
January 27.	242.6	-----	---	----	-----	---

Chart 1.

### LABOR FORCE AND EMPLOYMENT 1953 to date (Seasonally adjusted)

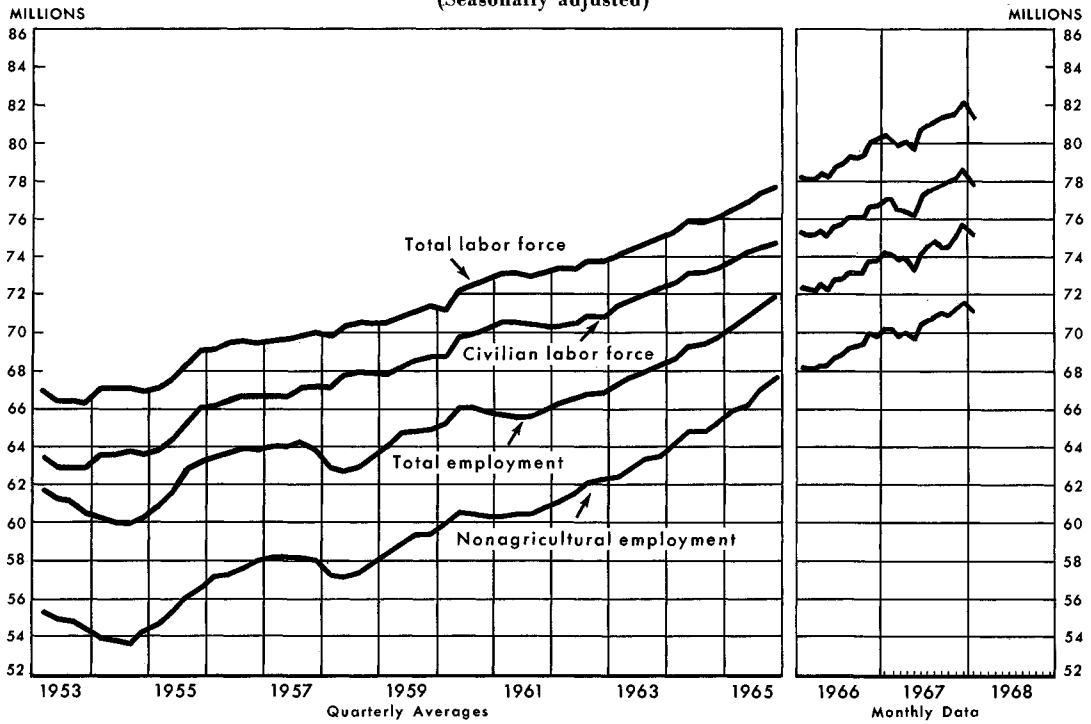
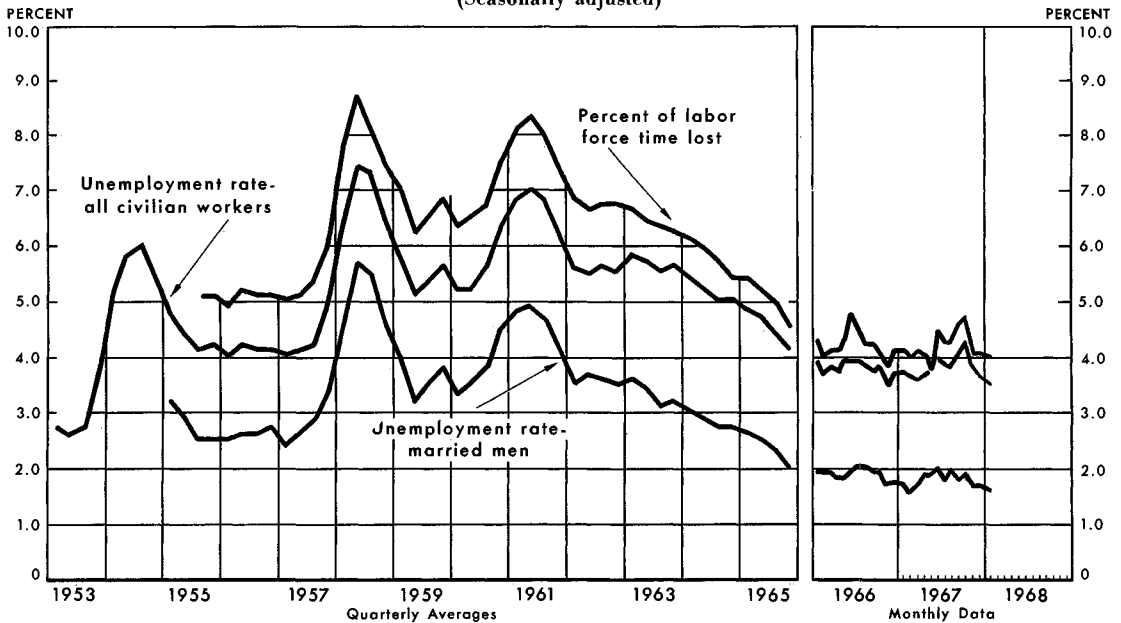


Chart 2.

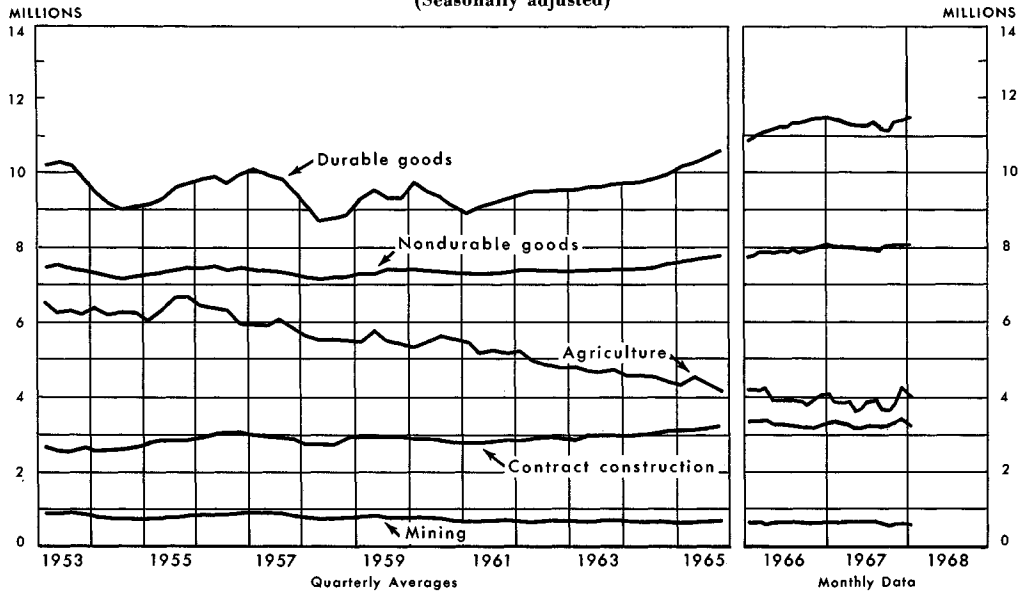
### MAJOR UNEMPLOYMENT INDICATORS 1953 to date (Seasonally adjusted)



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

Chart 3.

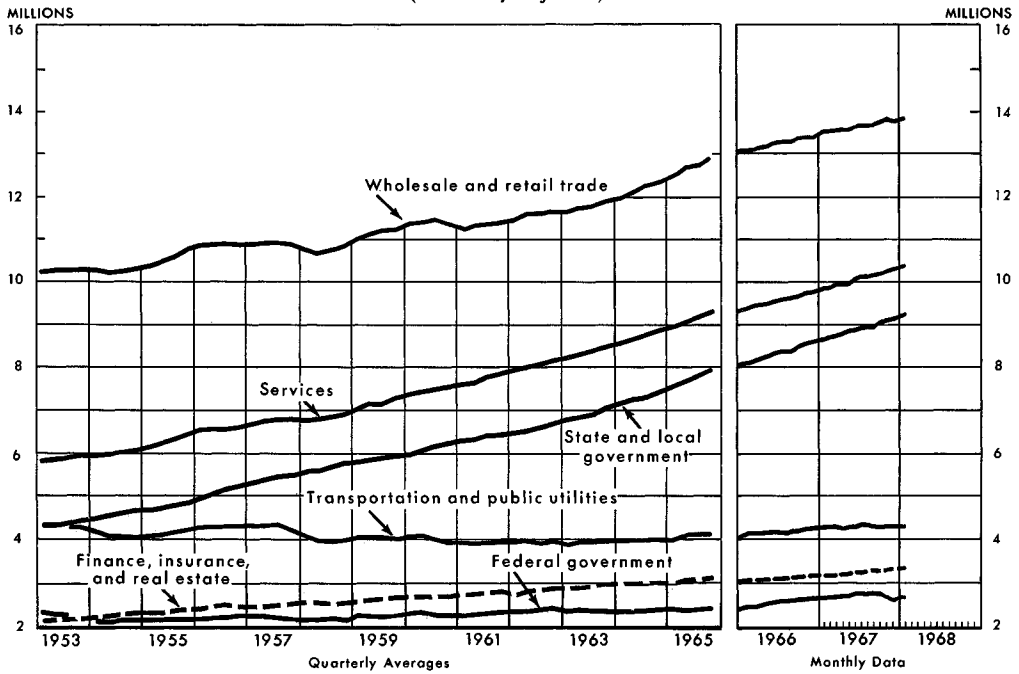
### EMPLOYMENT IN GOODS-PRODUCING INDUSTRIES 1953 to date (Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

Chart 4.

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



Note: Data for 2 most recent months are preliminary.

Chart 5.

**UNEMPLOYMENT RATES BY AGE AND SEX**  
1953 to date  
(Seasonally adjusted)

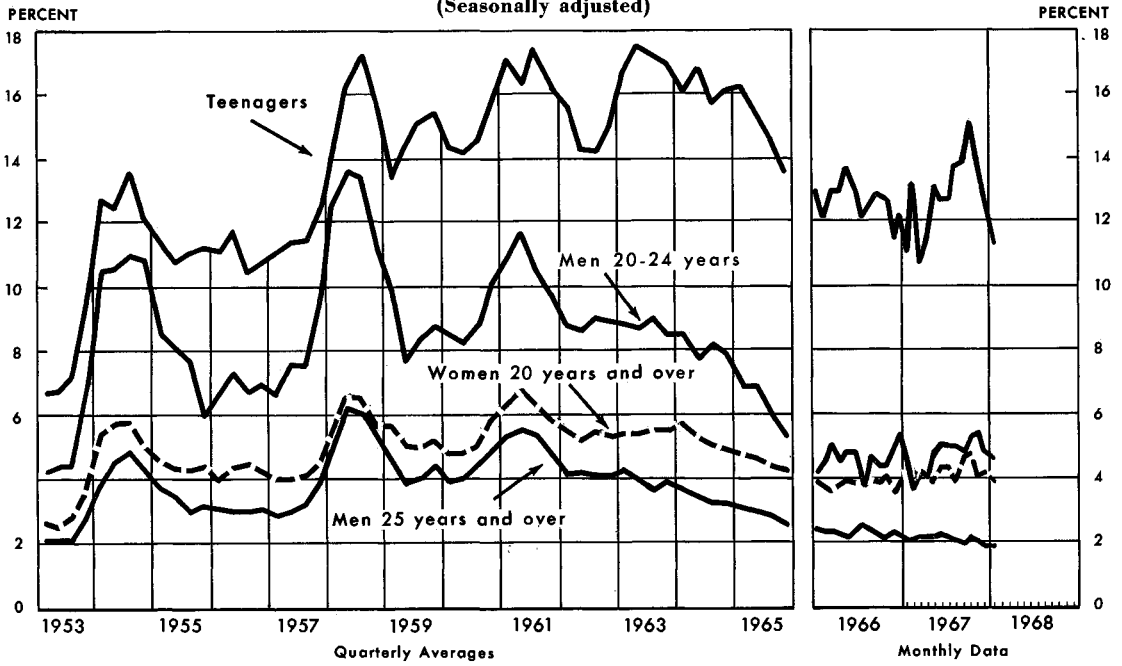


Chart 6.

**TOTAL UNEMPLOYMENT BY DURATION**  
1953 to date  
(Seasonally adjusted)

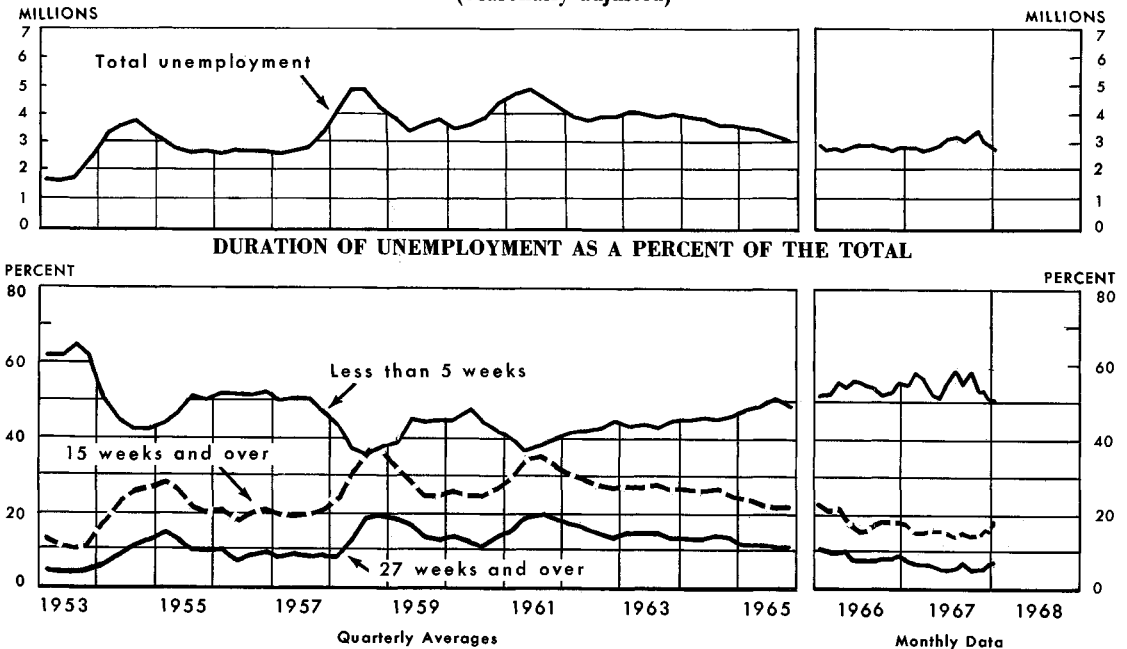
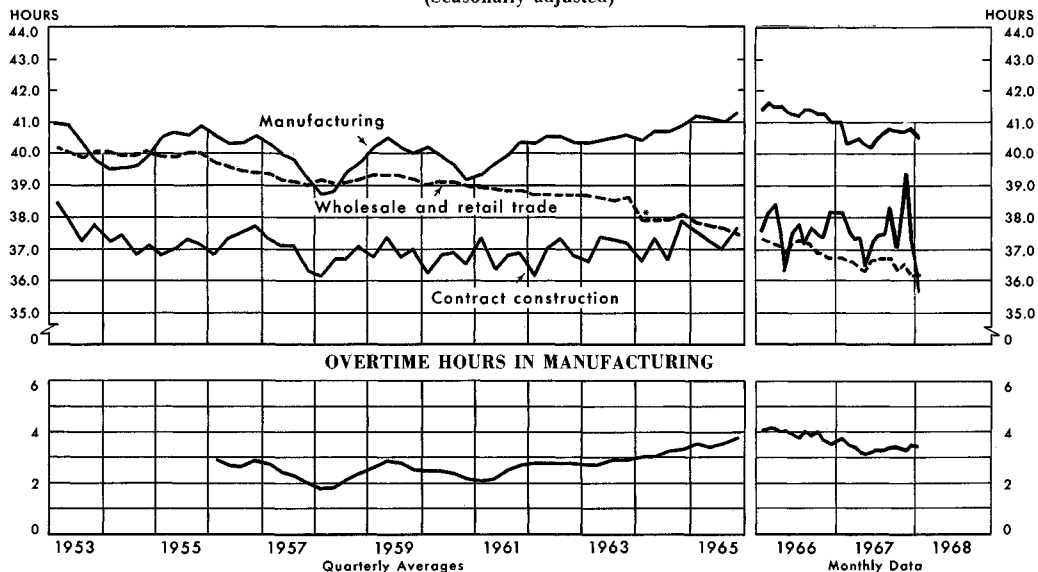
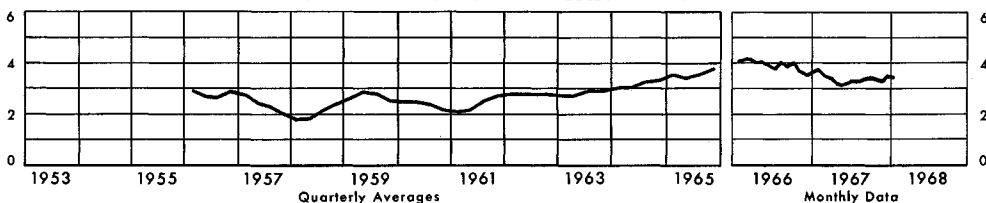




Chart 7.  
**HOURS OF WORK IN MANUFACTURING, CONTRACT CONSTRUCTION,  
 AND TRADE**  
 1953 to date  
 (Seasonally adjusted)

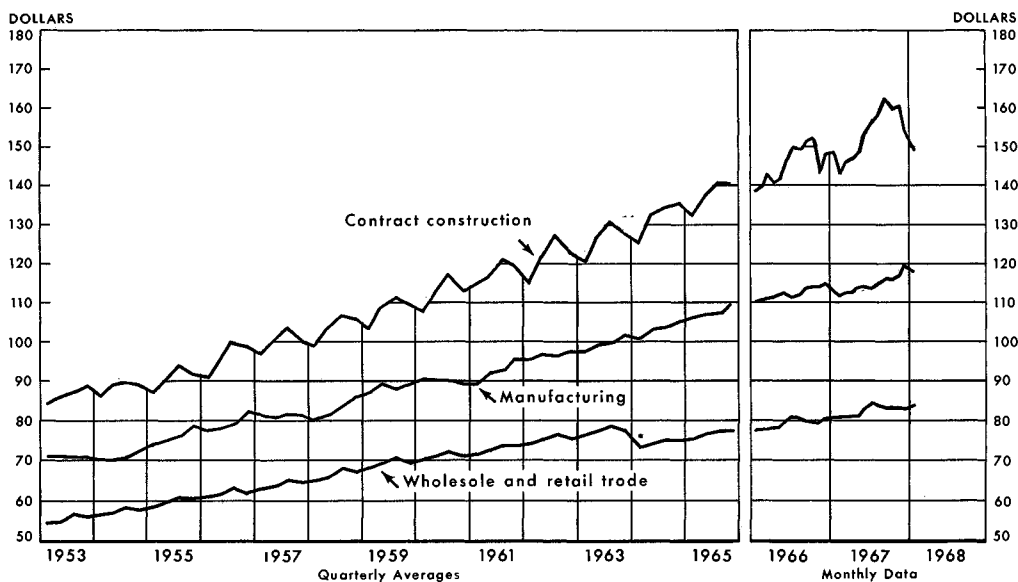


**OVERTIME HOURS IN MANUFACTURING**



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

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



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

Chart 9. **UNEMPLOYMENT RATES BY MAJOR OCCUPATION GROUPS**  
1957 to date  
(Seasonally adjusted)

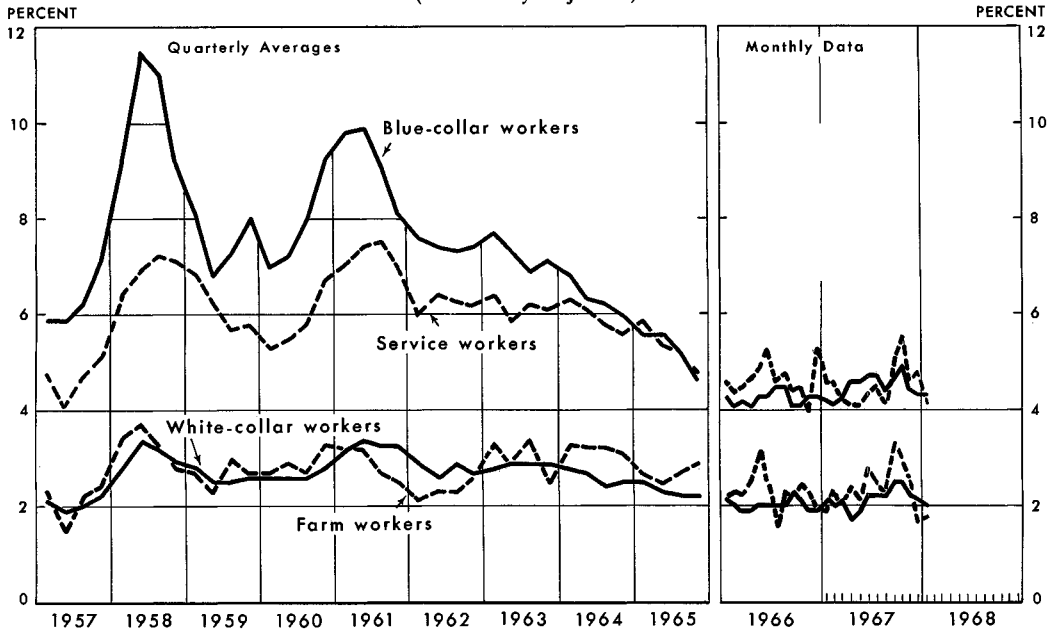
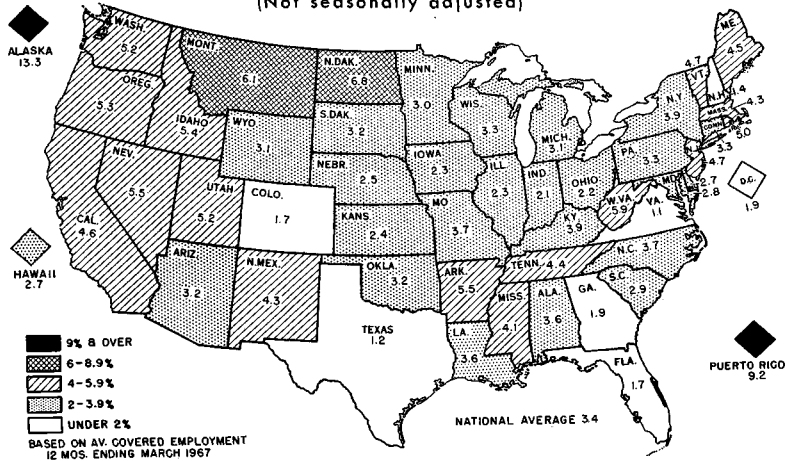


Chart 10.

**STATE INSURED UNEMPLOYMENT RATES**  
Week ending January 13, 1968  
(Not seasonally adjusted)



Insured jobless under State unemployment insurance programs excludes workers who have exhausted their benefit rights, new workers, and persons from jobs not covered by State unemployment insurance programs.

Source: Bureau of Employment Security

## The Method of Seasonal Adjustment for Labor Force Series

In accordance with its regular practice at the beginning of each year, the Bureau of Labor Statistics has recomputed and revised the seasonal adjustment factors for unemployment and other labor force series. The revisions incorporate data through December 1967. The revised seasonal adjustment factors shown on page 13 and the seasonally adjusted series on pages 15-22 replace those published in the February 1967 Employment and Earnings and Monthly Report on the Labor Force, which were based on data through December 1966. The incorporation of 1967 data and the recomputation of the seasonally adjusted data do not alter the unemployment rate of all civilian workers from those published last year by more than 0.1 percentage point for any month in the entire series.

### Conceptual Changes

In January 1967, the definitions used in the measurement of employment and unemployment were modified and improved in line with the recommendations of the President's Committee to Appraise Employment and Unemployment Statistics. These improvements have clarified and sharpened concepts and increased the accuracy of the statistics. In terms of comparability of 1967 with earlier data, however, they have tended to: (1) increase the number of workers working 1-34 hours and lower the number working 35 hours or more; (2) alter the distribution of unemployment by sex; (3) increase the number of workers on economic part time; (4) reduce the number of workers unemployed 15 weeks or longer; and (5) alter the seasonal pattern of teenage unemployment. 1/

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1/ A detailed discussion of the conceptual changes and their affect on the various series may be found in the February 1967 Employment and Earnings and Monthly Report on the Labor Force and in Concepts and Methods Used in Manpower Statistics from the Current Population Survey (BLS Report No. 313, June 1967). Reprint articles are available upon request.

The change in the seasonal pattern for teenagers results from the addition of the "current availability" test for teenage job-seekers because, during the spring, persons in school looking for summer jobs are no longer counted as unemployed. In 1967, a special procedure was used to develop appropriate seasonal factors for unemployed 16 to 19 year-olds. This procedure was improved for use in 1968 and extended to cover the factors for 16 and 17 year-olds, 18 and 19 year-olds, and 16 to 19 year-olds by color, and the short-term unemployed (less than 5 weeks).

An evaluation and comparison of data based on the new definitions with historical data based on the old definitions did not clearly indicate any appreciable changes in the seasonal pattern for other series. Nonetheless, review and evaluation will continue in the coming year. If this research reveals a need for further special seasonal adjustment procedures, revised factors and data will be developed and published later this year.

### Historical Comparability

Beginning in January 1967, all data reflect the definitional changes adopted at that time and are seasonally adjusted using the factors published in this issue. However, as indicated earlier, data for some labor force series in 1967 are not exactly comparable with those prior to 1967. (See footnote 1.)

Beginning in 1960, the data include Alaska and Hawaii; this should be taken into account in making comparisons with previous years. The inclusion of Alaska and Hawaii resulted in an increase of 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.

Beginning in 1953, population data from the 1950 Census were introduced into the estimating procedure, affecting the comparability of the labor force figures with pre-

vious years. Labor force, total employment, and agricultural employment levels were raised by about 350,000, primarily affecting the figures for total and males. Other categories were relatively unaffected. Population data from the 1960 Census were introduced in April 1962. This change primarily affected the labor force and employment totals, which were reduced by about 200,000. The unemployment totals were virtually unchanged.

#### Method of Adjustment

The seasonal adjustment method used for these series continues to be an adaptation of the traditional ratio-to-moving-average method, with allowance for changing seasonal patterns.

The original data are regarded as a product of a trend-cycle component times a seasonal component times an irregular component. The trend-cycle represents the "real" movement of the series, including cyclical movements. The seasonal component is the annually repetitive pattern which makes certain months consistently higher or lower than others. The irregular component is a residual, including sampling errors and short-term fluctuations which do not follow any consistent pattern. After a satisfactory decomposition is achieved, the seasonally adjusted series is computed by dividing each original value by the corresponding seasonal factor.

A centered 12-month moving average of the original data is used as the first estimate of the trend-cycle. This is divided into the original value to provide seasonal-irregulars. A 7-term weighted moving average of these seasonal-irregulars for the same month of successive years provides estimates of the seasonal factors. The quotient of each seasonal-irregular divided by the corresponding seasonal is an estimate of the irregular component, which at this stage includes some residual trend-cycle because of the insufficient flexibility of the 12-month moving average in representing the trend-cycle. These irregulars are then

smoothed to provide a trend improvement factor which is multiplied by the 12-month moving average to yield a better trend-cycle. A new decomposition based on the revised trend-cycle is computed in the same way as before.

The use of the 12-month weighted moving average to compute a trend-cycle would end the process except for the problem of extreme values. Most series contain some values which do not quite fit the general pattern. The method uses a graduated approach in which every data value is assigned a credence factor between zero and one. Each credence factor is based on the size of the irregular deviation for that value; small deviations imply full credence, large deviations zero credence, and intermediate deviations intermediate credence.

The credence factors are used in two ways. They serve as auxiliary weights in the various moving averages so that the impact of each aberrant data value is reduced in accordance with its credence factor. They are also used in computing modified original values, where the amount of modification varies inversely with the credence factor.

The process is repeated twice in order to refine the credence factors and the resulting decomposition. The effect of all this is to keep most of the aberrations out of the trend-cycle and seasonal components and make them part of the irregular instead.

Many of the labor force series are seasonally adjusted by aggregation rather than directly. That is, parts of the labor force are adjusted directly and their seasonally adjusted values are then combined to provide seasonally adjusted values for the aggregates. Most of the unemployment rates are a quotient of one such aggregate divided by another. The twelve basic component series, which are used in computing the overall unemployment rate, are the four age-sex groups (male and female, under and over 20 years of age) of unemployment, of nonagricultural employment, and of agricultural employment.

# CURRENT SEASONAL ADJUSTMENT FACTORS FOR LABOR FORCE COMPONENTS

SERIES TITLE	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
UNEMPLOYED - MEN 20 YEARS AND OVER.....	128.0	130.4	120.8	101.1	86.8	93.6	91.2	92.3	80.8	78.5	90.3	106.0
UNEMPLOYED - WOMEN 20 YEARS AND OVER.....	109.6	109.0	102.3	95.2	87.4	103.9	96.6	106.0	100.7	98.3	104.3	86.4
UNEMPLOYED - BOYS 16-19 YEARS.....	95.6	95.3	91.5	83.0	76.0	162.0	141.8	102.1	87.0	80.9	90.3	95.0
UNEMPLOYED - GIRLS 16-19 YEARS.....	84.1	87.5	72.5	72.2	70.2	185.3	144.9	105.0	93.3	95.8	107.0	82.1
NONAGRICULTURAL EMPLOYMENT - MEN 20 YEARS AND OVER.....	98.6	98.8	99.1	99.7	100.2	100.8	100.9	101.1	100.4	100.3	100.3	99.8
NONAGRICULTURAL EMPLOYMENT - WOMEN 20 YEARS AND OVER.....	99.8	100.7	100.9	101.3	101.3	98.6	96.5	96.7	99.4	100.8	101.5	102.3
NONAGRICULTURAL EMPLOYMENT - BOYS 16-19 YEARS.....	85.7	86.9	86.2	90.5	95.3	117.1	134.3	130.9	94.0	93.9	92.2	93.1
NONAGRICULTURAL EMPLOYMENT - GIRLS 16-19 YEARS.....	90.7	90.2	90.2	89.0	89.4	102.8	123.2	122.5	96.0	99.2	100.6	106.1
AGRICULTURAL EMPLOYMENT - MEN 20 YEARS AND OVER.....	92.2	92.7	95.1	100.5	102.1	107.7	106.1	103.2	104.5	104.6	99.3	92.1
AGRICULTURAL EMPLOYMENT - WOMEN 20 YEARS AND OVER.....	64.4	63.9	71.4	89.0	111.0	132.1	133.1	114.7	123.3	128.0	101.1	67.5
AGRICULTURAL EMPLOYMENT - BOYS 16-19 YEARS.....	63.6	63.9	75.1	88.6	97.1	157.7	162.7	148.3	93.5	102.5	82.5	64.4
AGRICULTURAL EMPLOYMENT - GIRLS 16-19 YEARS.....	33.3	33.9	41.0	60.2	74.6	188.9	199.8	173.8	135.3	132.4	81.8	45.5

Seasonal adjustment factors for other series are available upon request from the  
Bureau of Labor Statistics

# REVISED SEASONALLY ADJUSTED LABOR FORCE SERIES

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## HOUSEHOLD DATA SEASONALLY ADJUSTED

### CIVILIAN LABOR FORCE

In thousands

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1948	60,095	60,524	60,070	60,677	59,972	60,957	61,181	60,806	60,815	60,646	60,702	61,169
1949	60,771	61,057	61,073	61,007	61,259	60,948	61,301	61,590	61,633	62,185	62,005	61,908
1950	61,661	61,687	61,604	62,158	62,083	62,419	62,121	62,596	62,349	62,428	62,286	62,068
1951	61,941	61,778	62,526	61,808	62,044	61,615	62,106	61,927	61,780	62,204	62,014	62,457
1952	62,432	62,419	61,721	61,720	62,058	62,103	61,962	61,877	62,457	61,971	62,491	62,621
1953	63,439	63,520	63,657	63,167	62,615	63,063	63,057	62,816	62,727	62,867	62,949	62,795
1954	63,101	63,994	63,793	63,934	63,675	63,343	63,302	63,707	64,209	63,936	63,759	63,311
1955	63,910	63,696	63,882	64,564	64,381	64,482	65,145	65,581	65,628	65,821	66,037	66,445
1956	66,419	66,124	66,176	66,264	66,722	66,702	66,750	66,673	66,714	66,546	66,657	66,694
1957	66,427	66,877	66,913	66,648	66,695	67,052	67,336	66,706	67,064	67,068	67,123	67,397
1958	67,094	67,201	67,225	67,647	67,895	67,694	67,825	68,037	68,002	68,044	67,658	67,738
1959	67,936	67,612	68,069	68,343	68,181	68,279	68,539	68,435	68,543	68,817	68,530	68,992
1960	68,963	68,950	68,404	69,579	69,629	69,933	69,745	69,841	70,151	69,863	70,440	70,394
1961	70,454	70,422	70,706	70,277	70,449	70,881	70,538	70,534	70,220	70,502	70,391	70,091
1962	70,186	70,417	70,423	70,265	70,547	70,523	70,303	70,985	71,156	70,910	70,855	70,855
1963	71,145	71,276	71,416	71,715	71,793	71,649	71,954	71,794	72,136	72,273	72,414	72,194
1964	72,359	72,708	72,740	73,242	73,401	73,069	72,967	73,120	73,308	73,286	73,264	73,519
1965	73,611	73,939	73,990	74,204	74,421	74,476	74,766	74,592	74,450	74,773	74,746	75,139
1966	75,252	75,138	75,164	75,345	75,378	75,671	75,762	76,060	76,021	76,187	76,542	76,669
1967	76,933	76,921	76,676	76,814	76,502	77,214	77,495	77,598	77,807	78,072	77,989	78,473

### TOTAL EMPLOYMENT

In thousands

1948	58,061	58,196	57,671	58,291	57,854	58,743	58,968	58,456	58,513	58,387	58,417	58,740
1949	58,175	58,208	58,043	57,747	57,552	57,172	57,190	57,397	57,584	57,269	58,009	57,845
1950	57,635	57,751	57,728	58,583	58,649	59,052	59,001	59,797	59,575	59,697	59,629	
1951	59,636	59,661	60,401	59,889	60,188	59,620	60,156	59,994	59,713	60,010	59,836	60,497
1952	60,460	60,462	59,908	59,909	60,195	60,219	59,971	59,790	60,521	60,132	60,748	60,954
1953	61,600	61,884	62,010	61,444	61,019	61,456	61,397	61,151	60,906	60,893	60,738	59,977
1954	60,024	60,663	60,186	60,185	59,908	59,792	59,643	59,853	60,282	60,270	60,357	60,116
1955	60,753	60,727	60,964	61,515	61,634	61,781	62,513	62,797	62,950	62,991	63,257	63,684
1956	63,753	63,518	63,411	63,614	63,861	63,820	63,800	63,972	64,079	63,975	63,796	63,904
1957	63,631	64,256	64,404	64,048	63,985	64,196	64,540	63,959	64,121	64,046	63,669	63,922
1958	63,219	62,898	62,733	62,631	62,874	62,750	62,746	63,012	63,181	63,474	63,470	63,549
1959	63,868	63,648	64,268	64,772	64,702	64,851	65,011	64,844	64,767	64,906	64,527	63,340
1960	65,348	65,622	64,679	65,959	66,062	66,167	65,909	65,895	66,266	65,609	66,108	65,777
1961	65,784	65,592	65,855	65,384	65,451	65,996	65,608	65,851	65,540	65,917	66,096	65,918
1962	66,111	66,547	66,507	66,362	66,688	66,676	66,483	66,967	67,190	67,096	66,835	66,952
1963	67,079	67,042	67,353	67,584	67,584	67,663	67,896	67,901	68,168	68,262	68,272	68,219
1964	68,349	68,781	68,803	69,334	69,648	69,241	69,354	69,452	69,569	69,510	69,730	69,883
1965	70,070	70,208	70,499	70,635	71,010	71,062	71,452	71,327	71,193	71,565	71,699	72,133
1966	72,296	72,324	72,304	72,539	72,447	72,768	72,863	73,146	73,161	73,308	73,816	73,796
1967	74,094	74,063	73,822	73,939	73,550	74,169	74,478	74,664	74,638	74,735	75,005	75,577

### NONAGRICULTURAL EMPLOYMENT

In thousands

1948	49,984	50,500	50,338	50,734	50,713	51,152	51,366	50,894	50,648	50,761	50,793	50,756
1949	50,385	50,186	50,035	49,836	49,485	49,370	49,169	49,793	50,287	50,455	50,512	50,466
1950	50,570	50,694	50,612	51,319	51,372	51,767	51,875	52,549	52,583	52,432	52,534	52,669
1951	52,808	52,923	53,543	53,167	53,436	53,091	53,555	53,204	53,155	53,374	53,137	53,432
1952	53,312	53,442	53,440	53,384	53,861	53,690	53,637	53,616	53,984	53,769	54,239	54,593
1953	54,958	55,421	55,590	55,082	55,082	55,095	55,130	54,832	54,708	54,797	54,393	54,048
1954	53,951	54,073	53,791	54,043	53,698	53,630	53,421	53,766	53,829	54,028	54,423	54,268
1955	54,640	54,873	54,722	55,152	55,307	55,538	56,075	56,222	56,131	56,263	56,602	57,031
1956	57,163	57,061	57,190	57,154	57,486	57,485	57,480	57,692	57,704	57,838	57,799	58,102
1957	57,842	58,131	58,441	58,211	57,986	58,194	58,139	58,061	58,393	58,171	57,983	57,885
1958	57,389	57,244	57,170	57,029	57,227	57,240	57,220	57,339	57,728	57,912	57,899	58,028
1959	58,387	58,219	58,590	58,875	58,909	59,137	59,447	59,402	59,323	59,556	59,048	59,883
1960	59,889	60,179	59,714	60,488	60,702	60,750	60,367	60,375	60,512	60,177	60,596	60,155
1961	60,356	60,118	60,444	60,344	60,352	60,775	60,455	60,486	60,520	60,716	61,009	60,925
1962	61,016	61,252	61,339	61,341	61,728	61,731	61,643	61,102	62,325	62,293	62,010	62,297
1963	62,188	62,378	62,641	62,980	62,853	63,015	63,204	63,305	63,524	63,589	63,586	63,576
1964	63,727	64,199	64,410	64,892	65,035	64,671	64,761	64,888	64,957	65,020	65,267	65,532
1965	65,774	65,847	66,145	66,165	66,274	66,600	67,056	66,984	66,957	67,243	67,641	67,922
1966	68,185	68,179	68,192	68,375	68,488	68,772	68,943	69,230	69,264	69,515	69,915	69,828
1967	70,104	70,187	69,964	70,096	69,822	70,430	70,431	70,708	70,941	71,017	71,166	71,361

# HOUSEHOLD DATA

## SEASONALLY ADJUSTED

### AGRICULTURAL EMPLOYMENT

In thousands

YFAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1948	8,077	7,696	7,333	7,557	7,141	7,591	7,602	7,562	7,865	7,626	7,624	7,984
1949	7,790	8,022	8,008	7,911	8,067	7,802	8,021	7,604	7,297	6,814	7,497	7,379
1950	7,065	7,057	7,116	7,264	7,277	7,285	7,126	7,248	6,992	7,371	7,163	6,760
1951	6,828	6,738	6,858	6,722	6,752	6,529	6,601	6,790	6,558	6,636	6,699	7,065
1952	7,148	7,020	6,468	6,525	6,334	6,529	6,334	6,174	6,537	6,363	6,509	6,361
1953	6,642	6,463	6,420	6,362	5,937	6,361	6,267	6,319	6,198	6,096	6,345	5,929
1954	6,073	6,590	6,395	6,142	6,210	6,162	6,222	6,087	6,453	6,242	5,934	5,848
1955	6,113	5,854	6,242	6,363	6,327	6,243	6,438	6,575	6,819	6,728	6,655	6,653
1956	6,590	6,457	6,221	6,460	6,375	6,335	6,320	6,280	6,375	6,137	5,997	5,802
1957	5,789	6,125	5,963	5,837	5,999	6,002	6,401	5,898	5,728	5,875	5,686	6,037
1958	5,830	5,654	5,563	5,602	5,647	5,510	5,526	5,673	5,453	5,562	5,571	5,521
1959	5,481	5,429	5,678	5,897	5,793	5,714	5,564	5,442	5,444	5,350	5,479	5,457
1950	5,459	5,443	4,965	5,471	5,360	5,417	5,542	5,520	5,754	5,432	5,512	5,622
1961	5,428	5,474	5,411	5,043	5,099	5,221	5,153	5,365	5,020	5,201	5,087	4,993
1962	5,095	5,295	5,168	5,018	4,960	4,945	4,840	4,868	4,865	4,803	4,825	4,655
1963	4,891	4,664	4,712	4,686	4,731	4,648	4,692	4,596	4,644	4,673	4,686	4,643
1964	4,622	4,582	4,393	4,442	4,613	4,570	4,593	4,564	4,612	4,490	4,463	4,351
1965	4,296	4,361	4,354	4,470	4,736	4,462	4,396	4,343	4,236	4,322	4,058	4,211
1966	4,111	4,145	4,112	4,164	3,959	3,996	3,920	3,916	3,897	3,793	3,901	3,968
1967	3,990	3,876	3,858	3,843	3,728	3,739	3,847	3,956	3,697	3,718	3,839	4,216

### UNEMPLOYMENT

In thousands

YFAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1948	2,034	2,328	2,399	2,386	2,118	2,214	2,213	2,350	2,302	2,259	2,285	2,429
1949	2,596	2,849	3,030	3,260	3,707	3,776	4,111	4,193	4,049	4,916	3,996	4,063
1950	4,026	3,936	3,876	3,575	3,434	3,367	3,120	2,799	2,774	2,625	2,589	2,639
1951	2,305	2,117	2,125	1,919	1,856	1,995	1,950	1,933	2,067	2,194	2,178	1,960
1952	1,972	1,957	1,813	1,811	1,863	1,884	1,991	2,087	1,936	1,839	1,743	1,667
1953	1,839	1,636	1,647	1,723	1,596	1,607	1,660	1,665	1,821	1,974	2,211	2,818
1954	3,077	3,331	3,607	3,749	3,767	3,551	3,659	3,854	3,927	3,666	3,402	3,195
1955	3,157	2,969	2,918	3,049	2,747	2,701	2,632	2,784	2,678	2,830	2,780	2,761
1956	2,666	2,606	2,765	2,650	2,861	2,882	2,950	2,701	2,635	2,571	2,861	2,790
1957	2,796	2,621	2,509	2,600	2,710	2,856	2,796	2,747	2,943	3,022	3,454	3,475
1958	3,875	4,303	4,492	5,016	5,021	4,944	5,079	5,025	4,821	4,570	4,188	4,189
1959	4,068	3,964	3,801	3,571	3,479	3,428	3,528	3,591	3,776	3,911	4,003	3,652
1950	3,615	3,328	3,725	3,620	3,567	3,766	3,836	3,946	3,885	4,254	4,332	4,617
1961	4,670	4,830	4,851	4,893	4,998	4,885	4,930	4,683	4,680	4,585	4,295	4,173
1962	4,075	3,870	3,916	3,903	3,859	3,847	3,820	4,018	3,966	3,814	4,020	3,903
1963	4,066	4,234	4,063	4,049	4,209	3,986	4,058	3,893	3,968	4,011	4,142	3,975
1964	4,010	3,927	3,937	3,908	3,753	3,828	3,613	3,668	3,739	3,776	3,534	3,636
1965	3,541	3,731	3,491	3,569	3,411	3,414	3,314	3,265	3,257	3,208	3,047	3,006
1966	2,956	2,814	2,860	2,806	2,931	2,903	2,899	2,914	2,860	2,879	2,726	2,873
1967	2,839	2,858	2,854	2,875	2,952	3,045	3,017	2,934	3,169	3,337	2,964	2,896

### UNEMPLOYMENT RATE - ALL CIVILIAN WORKERS

1948	3.4	3.8	4.0	3.9	3.5	3.6	3.6	3.9	3.8	3.7	3.8	4.0
1949	4.3	4.7	5.0	5.3	6.1	6.2	6.7	6.8	6.6	7.9	6.4	6.6
1950	6.5	6.4	6.3	5.8	5.5	5.4	5.0	4.5	4.4	4.2	4.2	4.3
1951	3.7	3.4	3.4	3.1	3.0	3.2	3.1	3.1	3.3	3.5	3.5	3.1
1952	3.2	3.1	2.9	2.9	3.0	3.0	3.2	3.4	3.1	3.0	2.8	2.7
1953	2.9	2.6	2.6	2.7	2.5	2.5	2.6	2.7	2.9	3.1	3.5	4.5
1954	4.9	5.2	5.7	5.9	5.9	5.6	5.8	6.0	6.1	5.7	5.3	5.0
1955	4.9	4.7	4.6	4.7	4.3	4.2	4.0	4.2	4.1	4.3	4.2	4.2
1956	4.0	3.9	4.2	4.0	4.3	4.3	4.4	4.1	3.9	3.9	4.3	4.2
1957	4.2	3.9	3.7	3.9	4.1	4.3	4.2	4.1	4.4	4.5	5.1	5.2
1958	5.8	6.4	6.7	7.4	7.4	7.3	7.5	7.4	7.1	6.7	6.2	6.2
1959	6.0	5.9	5.6	5.2	5.1	5.0	5.1	5.2	5.5	5.7	5.8	5.3
1950	5.2	4.8	5.4	5.2	5.1	5.4	5.5	5.6	5.5	6.1	6.1	6.6
1961	6.6	6.9	6.9	7.0	7.1	6.9	7.0	6.6	6.7	6.5	6.1	6.0
1962	5.8	5.5	5.6	5.6	5.5	5.5	5.4	5.7	5.6	5.4	5.7	5.5
1963	5.7	5.9	5.7	5.6	5.9	5.6	5.6	5.4	5.5	5.5	5.7	5.5
1964	5.5	5.4	5.4	5.3	5.1	5.2	5.0	5.0	5.1	5.2	4.8	4.9
1965	4.8	5.0	4.7	4.8	4.6	4.6	4.4	4.4	4.4	4.3	4.1	4.0
1966	3.9	3.7	3.8	3.7	3.9	3.8	3.8	3.8	3.8	3.8	3.6	3.7
1967	3.7	3.7	3.7	3.7	3.9	3.9	3.9	3.8	4.1	4.3	3.8	3.7



## HOUSEHOLD DATA SEASONALLY ADJUSTED

### CIVILIAN LABOR FORCE - MALES 20 YEARS AND OVER

In thousands

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1948	40,619	40,761	40,432	40,524	40,435	40,591	40,798	40,819	40,664	40,857	40,816	40,989
1949	40,803	40,851	40,889	40,929	40,966	40,965	40,927	41,163	41,200	41,667	41,328	41,354
1950	41,129	41,113	41,178	41,335	41,435	41,393	41,334	41,511	41,422	41,196	41,055	40,963
1951	40,831	40,791	41,020	40,714	40,650	40,532	40,444	40,510	40,429	40,702	40,591	40,659
1952	40,712	40,766	40,527	40,480	40,492	40,559	40,574	40,457	40,450	40,381	40,425	40,883
1953	41,334	41,447	41,490	41,321	41,256	41,242	41,295	41,257	41,173	41,199	41,441	41,460
1954	41,496	41,715	41,486	41,746	41,642	41,589	41,588	41,862	41,995	41,872	41,753	41,639
1955	41,749	41,683	41,823	41,953	41,939	41,926	42,171	42,211	42,274	42,323	42,391	42,502
1956	42,645	42,600	42,658	42,665	42,643	42,687	42,669	42,677	42,625	42,591	42,689	42,720
1957	42,625	42,731	42,780	42,760	42,754	42,923	42,919	42,706	42,857	42,781	42,800	42,914
1958	42,833	42,796	42,815	43,028	43,217	43,193	43,297	43,340	43,336	43,345	43,123	43,079
1959	43,053	42,918	43,141	43,250	43,165	43,198	43,446	43,364	43,441	43,437	43,359	43,533
1960	43,563	43,500	43,300	43,564	43,559	43,521	43,535	43,627	43,743	43,759	43,899	43,924
1961	43,911	43,754	43,856	43,866	43,923	43,918	43,867	43,893	43,869	43,892	43,825	43,714
1962	43,587	43,690	43,705	43,692	43,862	43,800	43,665	43,984	44,031	44,022	44,025	43,971
1963	44,026	44,011	44,102	44,137	44,101	44,189	44,331	44,241	44,305	44,296	44,384	44,332
1964	44,394	44,380	44,382	44,593	44,692	44,521	44,629	44,597	44,713	44,783	44,699	44,740
1965	44,868	44,941	44,894	44,919	45,093	44,921	44,896	44,833	44,670	44,701	44,615	44,748
1966	44,721	44,786	44,786	44,782	44,765	44,763	44,717	44,806	44,734	44,807	44,812	44,960
1967	45,168	45,181	45,070	45,109	45,089	45,309	45,430	45,489	45,506	45,598	45,578	45,783

### CIVILIAN LABOR FORCE - FEMALES 20 YEARS AND OVER

In thousands

1948	14,974	15,214	15,065	15,585	15,232	15,803	15,938	15,614	15,785	15,516	15,591	15,737
1949	15,580	15,763	15,690	15,729	15,923	15,880	16,240	16,183	16,086	16,225	16,344	16,255
1950	16,285	16,338	16,328	16,673	16,489	16,898	16,632	16,838	16,653	16,893	16,994	16,892
1951	17,000	16,949	17,326	17,119	17,264	17,031	17,529	17,254	17,215	17,407	17,375	17,620
1952	17,593	17,558	17,164	17,226	17,436	17,371	17,336	17,449	17,992	17,608	17,981	17,666
1953	17,957	17,766	17,917	17,697	17,394	17,741	17,794	17,574	17,614	17,789	17,568	17,374
1954	17,492	18,117	18,093	18,073	18,029	17,932	17,812	17,886	18,204	18,143	18,170	17,972
1955	18,266	18,235	18,197	18,659	18,448	18,633	18,912	19,220	19,133	19,220	19,229	19,460
1956	19,456	19,279	19,321	19,452	19,707	19,599	19,727	19,721	19,831	19,744	19,688	19,703
1957	19,591	19,898	19,811	19,650	19,703	19,811	20,100	19,824	19,944	20,005	20,009	20,166
1958	20,093	20,176	20,209	20,354	20,327	20,348	20,343	20,454	20,302	20,311	20,222	20,295
1959	20,455	20,308	20,517	20,562	20,605	20,662	20,624	20,554	20,534	20,812	20,611	20,767
1960	20,689	20,702	20,406	21,113	21,182	21,351	21,377	21,400	21,532	21,227	21,637	21,650
1961	21,608	21,801	21,881	21,592	21,715	21,928	21,702	21,564	21,439	21,707	21,573	21,563
1962	21,755	21,844	21,730	21,673	21,689	21,670	21,737	22,079	22,226	22,026	21,981	22,002
1963	22,133	22,271	22,312	22,478	22,464	22,383	22,490	22,402	22,558	22,678	22,820	22,725
1964	22,732	22,947	22,986	23,367	23,310	23,171	23,007	23,131	23,015	23,098	23,133	23,288
1965	23,353	23,477	23,491	23,493	23,495	23,888	23,882	23,802	23,666	23,779	23,900	24,011
1966	24,055	23,998	23,985	24,058	24,229	24,256	24,336	24,529	24,822	24,860	25,081	25,075
1967	25,144	25,064	24,945	25,082	24,926	25,230	25,529	25,572	25,918	26,063	26,068	26,348

### CIVILIAN LABOR FORCE - BOTH SEXES 16-19 YEARS

In thousands

1948	4,502	4,549	4,573	4,568	4,305	4,563	4,445	4,373	4,366	4,273	4,295	4,443
1949	4,388	4,443	4,494	4,349	4,370	4,103	4,134	4,244	4,347	4,293	4,333	4,299
1950	4,247	4,236	4,098	4,150	4,159	4,128	4,155	4,247	4,274	4,339	4,237	4,213
1951	4,110	4,038	4,180	3,975	4,130	4,052	4,133	4,163	4,136	4,095	4,048	4,178
1952	4,127	4,095	4,030	4,014	4,130	4,173	4,052	3,971	4,015	3,982	4,085	4,072
1953	4,148	4,307	4,250	4,149	3,965	4,080	3,968	3,985	3,940	3,879	3,940	3,961
1954	4,113	4,162	4,214	4,115	4,004	3,822	3,902	3,959	4,010	3,921	3,836	3,700
1955	3,895	3,778	3,862	3,952	3,994	3,923	4,062	4,150	4,221	4,278	4,417	4,483
1956	4,318	4,245	4,197	4,147	4,372	4,416	4,354	4,275	4,258	4,211	4,280	4,271
1957	4,211	4,248	4,322	4,238	4,238	4,318	4,317	4,176	4,263	4,282	4,314	4,317
1958	4,168	4,229	4,201	4,265	4,351	4,153	4,185	4,243	4,364	4,388	4,313	4,364
1959	4,428	4,386	4,411	4,531	4,411	4,419	4,469	4,517	4,568	4,568	4,560	4,692
1960	4,711	4,748	4,698	4,902	4,888	5,061	4,833	4,814	4,876	4,877	4,904	4,820
1961	4,935	4,867	4,969	4,819	4,811	5,035	4,969	5,077	4,912	4,903	4,993	4,814
1962	4,844	4,883	4,988	4,900	4,996	5,053	4,901	4,922	4,899	4,862	4,849	4,882
1963	4,986	4,994	5,002	5,100	5,228	5,077	5,133	5,151	5,273	5,299	5,210	5,137
1964	5,233	5,381	5,372	5,282	5,399	5,377	5,331	5,392	5,580	5,405	5,432	5,491
1965	5,390	5,521	5,605	5,792	5,833	5,667	5,988	5,957	6,114	6,293	6,231	6,380
1966	6,476	6,354	6,393	6,505	6,384	6,652	6,709	6,725	6,465	6,520	6,649	6,634
1967	6,621	6,676	6,661	6,623	6,487	6,675	6,536	6,537	6,383	6,411	6,343	6,342

# HOUSEHOLD DATA

## SEASONALLY ADJUSTED

### TOTAL EMPLOYMENT - MEN 20 YEARS AND OVER

In thousands

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1948	39,386	39,480	39,098	39,157	39,139	39,392	39,607	39,510	39,324	39,522	39,459	39,539
1949	39,233	39,117	39,015	38,993	38,701	38,632	38,405	38,610	38,744	38,394	38,860	38,908
1950	38,780	38,818	38,851	39,100	39,416	39,476	39,517	39,879	39,865	39,737	39,668	39,536
1951	39,595	39,695	40,013	39,804	39,752	39,538	39,483	39,508	39,416	39,555	39,504	39,691
1952	39,714	39,772	39,580	39,542	39,588	39,558	39,496	39,289	39,386	39,451	39,549	40,011
1953	40,256	40,546	40,648	40,346	40,323	40,358	40,378	40,352	40,192	40,155	40,163	39,885
1954	39,834	39,899	39,497	39,613	39,467	39,476	39,467	39,582	39,702	39,618	39,745	39,763
1955	39,937	39,964	40,111	40,120	40,410	40,444	40,751	40,747	40,920	40,858	40,936	41,063
1956	41,203	41,175	41,199	41,289	41,166	41,196	41,216	41,265	41,221	41,261	41,208	41,188
1957	41,168	41,341	41,500	41,345	41,334	41,411	41,472	41,243	41,213	41,069	40,853	40,884
1958	40,617	40,336	40,180	40,129	40,253	40,208	40,270	40,343	40,564	40,699	40,684	40,666
1959	40,769	40,662	41,079	41,423	41,355	41,387	41,596	41,485	41,348	41,358	41,062	41,651
1960	41,637	41,729	41,324	41,641	41,668	41,553	41,490	41,503	41,604	41,461	41,543	41,416
1961	41,367	41,177	41,277	41,210	41,139	41,349	41,245	41,362	41,400	41,509	41,556	41,534
1962	41,547	41,745	41,700	41,650	41,843	41,761	41,671	41,900	42,020	42,080	41,982	41,938
1963	41,941	41,879	42,054	42,135	42,106	42,271	42,427	42,396	42,497	42,428	42,412	42,427
1964	42,513	42,582	42,610	42,851	43,031	42,766	42,962	42,960	43,003	43,007	43,152	43,160
1965	43,280	43,329	43,380	43,366	43,586	43,496	43,495	43,443	43,313	43,394	43,389	43,569
1966	43,529	43,633	43,626	43,694	43,686	43,633	43,580	43,680	43,652	43,738	43,737	43,876
1967	44,143	44,176	44,025	44,052	43,989	44,174	44,346	44,421	44,468	44,460	44,506	44,775

### TOTAL EMPLOYMENT - WOMEN 20 YEARS AND OVER

In thousands

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1948	14,556	14,621	14,481	15,001	14,712	15,213	15,348	14,994	15,207	14,956	15,054	15,137
1949	14,991	15,117	15,069	14,978	15,066	15,003	15,244	15,181	15,129	15,260	15,422	15,300
1950	15,255	15,339	15,366	15,831	15,628	15,953	15,793	16,124	15,902	16,175	16,195	16,149
1951	16,279	16,257	16,557	16,426	16,581	16,368	16,898	16,665	16,504	16,674	16,669	16,946
1952	17,001	16,935	16,627	16,659	16,844	16,837	16,778	16,867	17,477	17,032	17,450	17,181
1953	17,482	17,321	17,397	17,242	16,983	17,301	17,341	17,108	17,063	17,236	16,974	16,599
1954	16,574	17,162	17,022	17,015	16,975	16,894	16,777	16,868	17,133	17,209	17,213	17,121
1955	17,375	17,413	17,415	17,867	17,665	17,837	18,123	18,377	18,285	18,327	18,422	18,630
1956	18,691	18,582	18,496	18,629	18,844	18,748	18,718	18,864	19,019	18,928	18,846	18,859
1957	18,740	19,115	19,066	18,937	18,897	18,973	19,262	19,020	19,116	19,161	19,082	19,285
1958	19,035	18,951	18,970	18,969	18,978	19,027	19,039	19,103	19,033	19,090	19,157	19,170
1959	19,292	19,167	19,380	19,498	19,565	19,659	19,595	19,568	19,531	19,701	19,594	19,717
1960	19,686	19,765	19,389	20,110	20,186	20,291	20,257	20,316	20,492	20,056	20,384	20,332
1961	20,326	20,393	20,460	20,145	20,261	20,446	20,252	20,278	20,111	20,336	20,349	20,307
1962	20,502	20,698	20,571	20,549	20,558	20,548	20,592	20,841	20,980	20,851	20,795	20,836
1963	20,938	21,054	21,149	21,284	21,225	21,186	21,267	21,183	21,313	21,440	21,574	21,496
1964	21,473	21,664	21,696	22,097	22,103	21,998	21,845	21,999	21,860	21,954	21,997	22,175
1965	22,303	22,277	22,392	22,409	22,451	22,763	22,838	22,755	22,668	22,794	22,895	23,041
1966	23,131	23,117	23,114	23,176	23,241	23,345	23,439	23,578	23,875	23,877	24,222	24,099
1967	24,067	24,052	23,924	24,061	23,900	24,168	24,436	24,577	24,640	24,811	25,036	25,273

### TOTAL EMPLOYMENT - BOTH SEXES 16-19 YEARS

In thousands

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1948	4,119	4,095	4,092	4,133	4,003	4,138	4,013	3,952	3,982	3,909	3,904	4,064
1949	3,951	3,974	3,959	3,776	3,785	3,537	3,541	3,606	3,711	3,615	3,727	3,637
1950	3,600	3,594	3,511	3,652	3,605	3,623	3,691	3,794	3,808	3,891	3,834	3,744
1951	3,762	3,709	3,831	3,659	3,855	3,714	3,775	3,821	3,793	3,781	3,663	3,860
1952	3,745	3,755	3,701	3,708	3,763	3,824	3,697	3,634	3,658	3,649	3,749	3,762
1953	3,862	4,017	3,965	3,856	3,713	3,797	3,678	3,691	3,651	3,502	3,601	3,493
1954	3,616	3,602	3,667	3,557	3,466	3,422	3,399	3,403	3,447	3,443	3,399	3,232
1955	3,441	3,350	3,438	3,528	3,559	3,500	3,639	3,673	3,745	3,806	3,899	3,991
1956	3,859	3,761	3,716	3,696	3,851	3,876	3,866	3,843	3,839	3,786	3,742	3,857
1957	3,723	3,800	3,838	3,766	3,754	3,812	3,806	3,696	3,792	3,816	3,734	3,753
1958	3,567	3,611	3,583	3,533	3,643	3,515	3,437	3,566	3,584	3,685	3,629	3,713
1959	3,807	3,819	3,809	3,851	3,782	3,805	3,820	3,791	3,888	3,847	3,871	3,972
1960	4,025	4,128	3,966	4,208	4,208	4,323	4,162	4,076	4,170	4,092	4,181	4,029
1961	4,091	4,022	4,118	4,029	4,051	4,201	4,111	4,211	4,029	4,072	4,191	4,077
1962	4,062	4,104	4,236	4,163	4,287	4,367	4,220	4,226	4,190	4,165	4,058	4,178
1963	4,200	4,109	4,150	4,247	4,253	4,206	4,202	4,322	4,358	4,394	4,286	4,296
1964	4,363	4,335	4,497	4,386	4,514	4,477	4,547	4,493	4,706	4,549	4,581	4,548
1965	4,487	4,602	4,727	4,860	4,973	4,803	5,119	5,129	5,212	5,377	5,415	5,523
1966	5,636	5,574	5,564	5,669	5,520	5,790	5,844	5,888	5,634	5,693	5,857	5,821
1967	5,884	5,835	5,873	5,826	5,661	5,827	5,696	5,666	5,530	5,464	5,463	5,529

## HOUSEHOLD DATA SEASONALLY ADJUSTED

### UNEMPLOYED MALES 20 YEARS AND OVER

In thousands												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1948	1233	1281	1334	1367	1296	1199	1191	1309	1340	1335	1357	1450
1949	1570	1734	1874	1936	2265	2333	2522	2553	2456	3273	2468	2446
1950	2349	2295	2327	2235	2019	1917	1817	1632	1557	1459	1387	1427
1951	1236	1096	1007	910	898	994	961	1002	1013	1147	1087	968
1952	998	994	947	938	904	1001	1078	1168	1064	930	876	872
1953	1078	901	842	975	933	884	917	905	981	1044	1278	1575
1954	1662	1816	1989	2133	2175	2113	2121	2280	2293	2254	2008	1876
1955	1812	1719	1712	1833	1529	1482	1420	1464	1354	1465	1455	1439
1956	1442	1425	1459	1376	1477	1491	1453	1412	1404	1330	1481	1532
1957	1457	1390	1280	1415	1420	1512	1447	1463	1644	1712	1947	2030
1958	2216	2460	2635	2899	2964	2985	3027	2997	2772	2646	2439	2413
1959	2284	2256	2062	1827	1810	1811	1850	1879	2093	2079	2297	1882
1960	1926	1771	1976	1923	1891	1968	2045	2124	2139	2298	2356	2508
1961	2544	2577	2579	2656	2784	2569	2622	2531	2469	2383	2269	2180
1962	2040	1945	2005	2042	2019	2039	1994	2084	2011	1942	2043	2033
1963	2085	2132	2048	2002	1995	1918	1904	1845	1808	1868	1972	1905
1964	1881	1798	1772	1742	1661	1755	1667	1637	1710	1776	1547	1580
1965	1588	1612	1514	1553	1507	1425	1401	1390	1357	1307	1226	1179
1966	1192	1153	1160	1088	1079	1130	1137	1126	1082	1069	1075	1084
1967	1025	1005	1045	1057	1100	1135	1084	1068	1038	1138	1072	1008

### UNEMPLOYED FEMALES 20 YEARS AND OVER

In thousands												
1948	418	593	584	584	520	590	590	620	578	560	537	600
1949	585	646	621	751	857	877	996	1002	957	965	922	955
1950	1030	999	962	842	861	945	839	714	751	718	799	743
1951	721	692	769	693	683	663	631	589	711	733	706	674
1952	592	623	537	567	592	534	558	582	515	576	531	485
1953	475	445	520	455	411	440	453	466	551	553	594	775
1954	918	955	1071	1058	1054	1038	1035	1018	1071	934	957	851
1955	891	822	782	792	783	796	789	843	848	893	807	830
1956	765	697	825	823	863	851	1009	857	812	816	842	844
1957	851	783	745	713	806	838	838	804	828	844	927	881
1958	1058	1225	1239	1385	1349	1321	1304	1351	1269	1221	1065	1125
1959	1163	1141	1137	1064	1040	1003	1029	986	1003	1111	1017	1050
1960	1003	937	1017	1003	996	1060	1120	1084	1040	1171	1253	1318
1961	1282	1408	1421	1447	1454	1482	1450	1286	1328	1371	1224	1256
1962	1253	1146	1159	1124	1131	1122	1145	1238	1246	1175	1186	1166
1963	1195	1217	1163	1194	1239	1197	1223	1219	1245	1238	1246	1229
1964	1259	1283	1290	1270	1207	1173	1162	1132	1155	1144	1136	1113
1965	1050	1200	1099	1084	1044	1125	1044	1047	998	985	1005	970
1966	924	881	871	882	988	911	897	951	947	983	859	976
1967	1077	1012	1021	1021	1026	1062	1093	995	1278	1252	1032	1075

### UNEMPLOYED - BOTH SEXES 16-19 YEARS

In thousands												
1948	383	454	481	435	302	425	432	421	384	364	391	379
1949	437	469	535	573	585	566	593	638	636	678	606	662
1950	647	642	587	498	554	505	464	453	466	448	403	469
1951	348	329	349	316	275	338	358	342	343	314	385	318
1952	382	340	329	306	367	349	355	337	357	333	336	310
1953	286	290	285	293	252	283	290	294	289	377	339	468
1954	497	560	547	558	538	400	503	556	563	478	437	468
1955	454	428	424	424	435	423	423	477	476	472	518	492
1956	459	484	481	451	521	540	488	432	419	425	538	414
1957	488	448	484	472	484	506	511	480	471	466	580	564
1958	601	618	618	732	708	638	748	677	780	703	684	651
1959	621	567	602	680	629	614	649	726	680	721	689	720
1960	686	620	732	694	680	738	671	738	706	785	723	791
1961	844	845	851	790	760	834	858	866	883	831	802	737
1962	782	779	752	737	709	686	681	696	709	697	791	704
1963	786	885	852	853	975	871	931	829	915	905	924	841
1964	870	846	875	896	885	900	784	899	874	856	851	943
1965	903	919	878	932	860	864	869	828	902	916	816	857
1966	840	780	829	836	864	862	865	837	831	827	792	813
1967	737	841	788	797	826	848	840	871	853	947	880	813

# HOUSEHOLD DATA

## SEASONALLY ADJUSTED

### UNEMPLOYMENT RATE - MEN 20 YEARS AND OVER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1948	3.0	3.1	3.3	3.4	3.2	3.0	2.9	3.2	3.3	3.3	3.3	3.5
1949	3.8	4.2	4.6	4.7	5.5	5.7	6.2	6.2	6.0	7.9	6.0	5.9
1950	5.7	5.6	5.7	5.4	4.9	4.6	4.4	3.9	3.8	3.5	3.4	3.5
1951	3.0	2.7	2.5	2.2	2.2	2.5	2.4	2.5	2.5	2.8	2.7	2.4
1952	2.5	2.4	2.3	2.3	2.2	2.5	2.7	2.9	2.6	2.3	2.2	2.1
1953	2.6	2.2	2.0	2.4	2.3	2.1	2.2	2.2	2.4	2.5	3.1	3.8
1954	4.0	4.4	4.8	5.1	5.2	5.1	5.1	5.4	5.5	5.4	4.8	4.5
1955	4.3	4.1	4.1	4.4	3.6	3.5	3.4	3.5	3.2	3.5	3.4	3.4
1956	3.4	3.3	3.4	3.2	3.5	3.5	3.4	3.3	3.3	3.1	3.5	3.6
1957	3.4	3.3	3.0	3.3	3.3	3.5	3.4	3.4	3.8	4.0	4.5	4.7
1958	5.2	5.7	6.2	6.7	6.9	6.9	7.0	6.9	6.4	6.1	5.7	5.6
1959	5.3	5.3	4.8	4.2	4.2	4.2	4.3	4.3	4.8	4.8	5.3	4.3
1960	4.4	4.1	4.6	4.4	4.3	4.5	4.7	4.9	4.9	5.3	5.4	5.7
1961	5.8	5.9	5.9	6.1	6.3	5.8	6.0	5.8	5.6	5.4	5.2	5.0
1962	4.7	4.5	4.6	4.7	4.6	4.7	4.6	4.7	4.6	4.4	4.6	4.6
1963	4.7	4.8	4.6	4.5	4.5	4.3	4.3	4.2	4.1	4.2	4.4	4.3
1964	4.2	4.1	4.0	3.9	3.7	3.9	3.7	3.7	3.8	4.0	3.5	3.5
1965	3.5	3.6	3.4	3.5	3.3	3.2	3.1	3.1	3.0	2.9	2.7	2.6
1966	2.7	2.6	2.6	2.4	2.4	2.5	2.5	2.5	2.4	2.4	2.4	2.4
1967	2.3	2.2	2.3	2.3	2.4	2.5	2.4	2.3	2.3	2.5	2.4	2.2

### UNEMPLOYMENT RATE - WOMEN 20 YEARS AND OVER

1948	2.8	3.9	3.9	3.7	3.4	3.7	3.7	4.0	3.7	3.6	3.4	3.8
1949	3.8	4.1	4.0	4.8	5.4	5.5	6.1	6.2	5.9	5.9	5.6	5.9
1950	6.3	6.1	5.9	5.1	5.2	5.6	5.0	4.2	4.5	4.3	4.7	4.4
1951	4.2	4.1	4.4	4.0	4.0	3.9	3.6	3.4	4.1	4.2	4.1	3.8
1952	3.4	3.5	3.1	3.3	3.4	3.1	3.2	3.3	2.9	3.3	3.0	2.7
1953	2.6	2.5	2.9	2.6	2.4	2.5	2.5	2.7	3.1	3.1	3.4	4.5
1954	5.2	5.3	5.9	5.9	5.8	5.8	5.8	5.7	5.9	5.1	5.3	4.7
1955	4.9	4.5	4.3	4.2	4.2	4.3	4.2	4.4	4.4	4.6	4.2	4.3
1956	3.9	3.6	4.3	4.2	4.4	4.3	5.1	4.3	4.1	4.1	4.3	4.3
1957	4.3	3.9	3.8	3.6	4.1	4.2	4.2	4.1	4.2	4.2	4.6	4.4
1958	5.3	6.1	6.1	6.8	6.6	6.5	6.4	6.6	6.3	6.0	5.3	5.5
1959	5.7	5.6	5.5	5.2	5.0	4.9	5.0	4.8	4.9	5.3	4.9	5.1
1960	4.8	4.5	5.0	4.8	4.7	5.0	5.2	5.1	4.8	5.5	5.8	6.1
1961	5.9	6.5	6.5	6.7	6.7	6.8	6.7	6.0	6.2	6.3	5.7	5.8
1962	5.8	5.2	5.3	5.2	5.2	5.2	5.3	5.6	5.6	5.3	5.4	5.3
1963	5.4	5.5	5.2	5.3	5.5	5.3	5.4	5.4	5.5	5.5	5.5	5.4
1964	5.5	5.6	5.6	5.4	5.2	5.1	5.1	4.9	5.0	5.0	4.9	4.8
1965	4.5	5.1	4.7	4.6	4.4	4.7	4.4	4.4	4.2	4.1	4.2	4.0
1966	3.8	3.7	3.6	3.7	4.1	3.8	3.7	3.9	3.8	4.0	3.4	3.9
1967	4.3	4.0	4.1	4.1	4.1	4.2	4.3	3.9	4.9	4.8	4.0	4.1

### UNEMPLOYMENT RATE - BOTH SEXES 16-19 YEARS

1948	8.5	10.0	10.5	9.5	7.0	9.3	9.7	9.6	8.8	8.5	9.1	8.5
1949	10.0	10.6	11.9	13.2	13.4	13.8	14.3	15.0	14.6	15.8	14.0	15.4
1950	15.2	15.2	14.3	12.0	13.3	12.2	11.2	10.7	10.9	10.3	9.5	11.1
1951	8.5	8.1	8.3	7.9	6.7	8.3	8.7	8.2	8.3	7.7	9.5	7.6
1952	9.3	8.3	8.2	7.6	8.9	8.4	8.8	8.5	8.9	8.4	8.2	7.6
1953	6.9	6.7	6.7	7.1	6.4	6.9	7.3	7.4	7.3	9.7	8.6	11.8
1954	12.1	13.5	13.0	13.6	13.4	10.5	12.9	14.0	14.0	12.2	11.4	12.6
1955	11.7	11.3	11.0	10.7	10.9	10.8	10.4	11.5	11.3	11.0	11.7	11.0
1956	10.6	11.4	11.5	10.9	11.9	12.2	11.2	10.1	9.8	10.1	12.6	9.7
1957	11.6	10.5	11.2	11.1	11.4	11.7	11.8	11.5	11.0	10.9	13.4	13.1
1958	14.4	14.6	14.7	17.2	16.3	15.4	17.9	16.0	17.9	16.0	15.9	14.9
1959	14.0	12.9	13.6	15.0	14.3	13.9	14.5	16.1	14.9	15.8	15.1	15.3
1960	14.6	13.1	15.6	14.2	13.9	14.6	13.9	15.3	14.5	16.1	14.7	16.4
1961	17.1	17.4	17.1	16.4	15.8	16.6	17.3	17.1	18.0	16.9	16.1	15.3
1962	16.1	16.0	15.1	15.0	14.2	13.6	13.9	14.1	14.5	14.3	16.3	14.4
1963	15.8	17.7	17.0	16.7	18.6	17.2	18.1	16.1	17.4	17.1	17.7	16.4
1964	16.6	15.7	16.3	17.0	16.4	16.7	14.7	16.7	15.7	15.8	15.7	17.2
1965	16.8	16.6	15.7	16.1	14.7	15.2	14.5	13.9	14.8	14.6	13.1	13.4
1966	13.0	12.3	13.0	12.9	13.5	13.0	12.9	12.4	12.9	12.7	11.9	12.3
1967	11.1	12.6	11.8	12.0	12.7	12.7	12.9	13.3	13.4	14.8	13.9	12.8

## HOUSEHOLD DATA SEASONALLY ADJUSTED

### UNEMPLOYED - LESS THAN 5 WEEKS

In thousands

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1948	1188	1377	1279	1461	1146	1287	1259	1511	1245	1210	1251	1432
1949	1510	1603	1631	1652	1884	1729	1852	1874	1651	2332	1747	1748
1950	1780	1600	1503	1472	1464	1468	1411	1251	1272	1262	1354	1459
1951	1115	1107	1215	1160	1125	1125	1183	1184	1294	1279	1233	1138
1952	1066	1181	1150	1137	1179	1196	1187	1270	1130	1050	1017	1044
1953	1059	1068	1029	1131	973	985	1002	1076	1163	1242	1307	1761
1954	1631	1706	1729	1725	1643	1573	1623	1587	1640	1535	1457	1414
1955	1398	1296	1184	1301	1295	1305	1282	1445	1357	1429	1386	1338
1956	1336	1289	1502	1353	1483	1505	1469	1376	1356	1319	1481	1446
1957	1373	1293	1241	1335	1423	1392	1366	1395	1484	1399	1598	1585
1958	1701	1883	1933	1881	1855	1755	1818	1760	1626	1643	1531	1692
1959	1574	1554	1459	1494	1479	1522	1591	1607	1602	1750	1745	1657
1960	1638	1431	1666	1735	1718	1738	1709	1746	1677	1766	1716	2102
1961	1884	2037	1863	1729	1748	1841	1789	1701	1859	1811	1638	1734
1962	1701	1504	1721	1629	1543	1598	1592	1731	1749	1636	1838	1732
1963	1730	1858	1701	1717	1870	1719	1693	1677	1695	1738	1859	1774
1964	1805	1708	1783	1767	1681	1719	1486	1696	1703	1754	1596	1672
1965	1626	1743	1702	1747	1670	1656	1654	1613	1627	1533	1531	1436
1966	1523	1505	1523	1563	1631	1647	1640	1622	1555	1541	1499	1582
1967	1496	1606	1628	1618	1704	1713	1662	1572	1783	1789	1609	1418

### UNEMPLOYED - 5 TO 14 WEEKS

In thousands

1948	507	677	830	694	671	611	643	591	759	655	682	696
1949	715	889	1025	1171	1247	1405	1410	1472	1506	1385	1242	1400
1950	1256	1333	1329	1126	1011	1090	955	953	888	752	755	725
1951	687	608	558	503	490	656	480	522	549	627	630	569
1952	549	541	477	480	511	482	573	584	541	548	493	406
1953	469	409	445	486	494	406	453	394	446	497	591	752
1954	962	1080	1083	1183	1218	1141	1043	1233	1412	1136	1069	1013
1955	679	857	873	848	678	781	679	784	807	845	841	840
1956	715	774	789	824	918	967	906	786	727	742	751	790
1957	857	793	785	738	776	1006	871	810	925	1000	1113	1190
1958	1278	1429	1482	1588	1590	1536	1433	1407	1488	1239	1130	1135
1959	1169	1164	1091	934	1003	962	1047	1115	1277	1293	1205	1122
1960	1045	1033	1118	1002	1073	1182	1184	1288	1215	1284	1368	1466
1961	1476	1405	1473	1425	1430	1419	1356	1390	1301	1291	1271	1174
1962	1158	1114	1045	1102	1130	1100	1141	1241	1195	1156	1081	1173
1963	1241	1274	1262	1223	1159	1257	1291	1155	1230	1180	1234	1217
1964	1141	1202	1117	1185	1091	1106	1114	1081	1102	1082	1053	1070
1965	1069	1063	1013	1016	1040	1011	968	943	866	963	899	874
1966	751	736	795	648	818	784	820	832	801	829	782	763
1967	794	789	833	871	871	909	895	934	937	1105	930	968

### UNEMPLOYED - 15 WEEKS AND OVER

In thousands

1948	311	283	292	324	329	322	295	332	298	324	282	305
1949	315	374	414	483	602	705	848	917	973	1000	1056	961
1950	947	947	912	920	890	868	769	633	648	545	507	482
1951	438	386	355	294	269	258	260	249	223	269	316	269
1952	282	243	234	242	219	210	194	211	249	230	216	238
1953	268	208	213	180	176	213	168	177	178	190	259	309
1954	372	532	765	774	879	880	932	1002	1016	1009	975	827
1955	882	826	816	811	735	668	640	535	558	572	564	581
1956	561	545	521	476	506	516	523	543	577	530	574	567
1957	509	530	514	516	538	526	535	542	559	650	674	731
1958	879	1005	1128	1387	1493	1677	1796	1888	1795	1708	1570	1488
1959	1396	1277	1210	1039	966	963	889	889	895	883	982	920
1960	915	840	959	896	797	855	921	928	982	1189	1223	1140
1961	1328	1416	1463	1598	1686	1654	1828	1649	1531	1481	1388	1361
1962	1235	1243	1162	1122	1132	1083	1053	1081	1094	1022	1051	1066
1963	1121	1135	1087	1073	1156	1072	1075	1113	1067	1072	1051	1003
1964	1054	1011	1038	938	976	1054	1009	933	913	908	922	864
1965	795	912	797	798	733	796	696	730	725	681	645	646
1966	619	588	582	581	535	482	441	462	483	498	462	472
1967	476	447	436	434	433	441	436	445	440	475	485	445

# HOUSEHOLD DATA

## SEASONALLY ADJUSTED

UNEMPLOYED - 27 WEEKS AND OVER

In thousands

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1948	128	121	110	109	109	118	107	128	127	136	95	99
1949	104	130	116	158	192	250	309	339	355	368	430	409
1950	398	406	422	470	415	423	338	298	298	279	260	217
1951	179	198	153	140	130	115	127	117	118	99	155	103
1952	104	88	87	118	83	68	67	62	64	88	67	104
1953	87	81	84	70	48	93	72	66	68	66	96	112
1954	146	152	232	278	317	317	329	420	432	454	429	393
1955	421	439	384	400	354	335	297	275	250	244	275	286
1956	251	276	241	205	201	186	206	235	242	247	237	259
1957	178	225	218	233	239	260	254	232	221	293	277	260
1958	298	348	352	511	571	707	838	961	1016	931	825	827
1959	802	732	680	631	575	548	495	482	446	447	477	467
1960	465	428	440	431	388	397	400	410	466	567	550	554
1961	640	665	692	901	857	927	992	900	846	823	767	739
1962	675	683	637	621	625	574	566	595	530	506	442	512
1963	545	597	597	589	598	502	551	521	559	530	522	493
1964	505	487	506	471	488	509	531	507	459	433	439	434
1965	392	411	362	367	335	371	334	329	352	333	311	298
1966	294	267	270	253	267	229	218	209	201	217	199	214
1967	200	190	180	184	142	150	170	211	163	170	178	186

UNEMPLOYED - 15 WEEKS AND OVER AS A PERCENT OF CIVILIAN LABOR FORCE

1948	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
1949	.5	.6	.7	.8	1.0	1.2	1.4	1.5	1.6	1.6	1.7	1.6
1950	1.5	1.5	1.5	1.5	1.4	1.4	1.2	1.0	1.0	.9	.8	.8
1951	.7	.6	.6	.5	.4	.4	.4	.4	.4	.4	.5	.4
1952	.5	.4	.4	.4	.4	.3	.3	.3	.4	.4	.3	.4
1953	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5
1954	.6	.8	1.2	1.2	1.4	1.4	1.5	1.6	1.6	1.6	1.5	1.3
1955	1.4	1.3	1.3	1.3	1.1	1.0	1.0	.8	.9	.9	.9	.9
1956	.8	.8	.8	.7	.8	.8	.8	.8	.9	.8	.9	.9
1957	.8	.8	.8	.8	.8	.8	.8	.8	.8	1.0	1.0	1.1
1958	1.3	1.5	1.7	2.1	2.2	2.5	2.6	2.8	2.6	2.5	2.3	2.2
1959	2.1	1.9	1.8	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.3
1960	1.3	1.2	1.4	1.3	1.1	1.2	1.3	1.3	1.4	1.7	1.7	1.6
1961	1.9	2.0	2.1	2.3	2.4	2.3	2.6	2.3	2.2	2.1	2.0	1.9
1962	1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.5	1.5
1963	1.6	1.6	1.5	1.5	1.6	1.5	1.5	1.6	1.5	1.5	1.5	1.4
1964	1.5	1.4	1.4	1.3	1.3	1.4	1.4	1.3	1.2	1.2	1.3	1.2
1965	1.1	1.2	1.1	1.1	1.0	1.1	.9	1.0	1.0	.9	.9	.9
1966	.8	.8	.8	.8	.7	.6	.6	.6	.6	.7	.6	.6
1967	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6

# HOUSEHOLD DATA

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

(In thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2		(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7		(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9		(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6		(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9		(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7		(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1		(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9		(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3		(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0		(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2		(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6		44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9		43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7		42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	43,390	1,070	1.9		39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2		38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9		40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9		45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9		45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	7,891	49,148	2,311	3.9		42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8		42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9		42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3		42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3		42,604
1952.....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0		43,093
1953.....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9		44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5		44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	55,724	2,852	4.4		44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	2,750	4.1		44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3		45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8		46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5		46,960
1960.....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5		47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7		48,312
1962.....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5		49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7		50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2		51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5		52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8		52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8		52,527
1967: January.....	132,295	78,706	59.5	75,320	72,160	3,335	68,826	3,160	4.2	3.7	53,589
February.....	132,448	79,107	59.7	75,689	72,506	3,281	69,225	3,183	4.2	3.7	53,341
March.....	132,627	78,949	59.5	75,513	72,560	3,410	69,149	2,954	3.9	3.7	53,678
April.....	132,795	79,560	59.9	76,111	73,445	3,721	69,724	2,666	3.5	3.7	53,234
May.....	132,969	79,551	59.8	76,095	73,637	3,825	69,812	2,457	3.2	3.9	53,419
June.....	133,168	82,464	61.9	79,020	75,391	4,395	79,996	3,628	4.6	3.9	50,704
July.....	133,366	82,920	62.2	79,471	76,221	4,516	71,705	3,250	4.1	3.9	50,446
August.....	133,645	82,571	61.8	79,112	76,170	4,378	71,792	2,942	3.7	3.8	51,074
September.....	133,847	80,982	60.5	77,526	74,631	3,931	70,700	2,895	3.7	4.1	52,865
October.....	134,045	81,595	60.9	78,132	75,181	4,033	71,148	2,951	3.8	4.3	52,450
November.....	134,224	81,582	60.8	78,113	75,218	3,759	71,460	2,894	3.7	3.8	52,641
December.....	134,405	81,527	60.7	78,057	75,338	3,545	71,793	2,719	3.5	3.7	52,879
1968: January.....	134,576	79,811	59.3	76,347	73,273	3,366	69,908	3,074	4.0	3.5	54,765

<sup>1</sup>Not available.

# HOUSEHOLD DATA

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

(In thousands)

Year, month, and sex	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
<b>MALE</b>											
1947.	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0		6,710
1948.	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6		6,710
1949.	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9		6,825
1950.	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1		6,906
1951.	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8		6,725
1952.	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8		6,832
1953.	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8		7,117
1954.	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3		7,431
1955.	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2		7,634
1956.	55,547	47,914	86.3	45,091	43,380	5,039	38,340	1,711	3.8		7,633
1957.	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1		8,118
1958.	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8		8,514
1959.	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3		8,907
1960.	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4		9,274
1961.	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4		9,633
1962.	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2		10,231
1963.	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2		10,792
1964.	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6		11,169
1965.	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0		11,527
1966.	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2		11,792
1967.	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1		11,919
1967: January.	63,848	51,143	80.1	47,791	46,088	2,864	43,224	1,703	3.6	2.9	12,705
July.	64,322	54,305	84.4	50,890	49,281	3,572	45,709	1,609	3.2	3.1	10,018
August.	64,475	54,098	83.9	50,674	49,233	3,456	45,777	1,441	2.8	3.1	10,377
September.	64,568	52,340	81.1	48,919	47,705	3,254	44,451	1,214	2.5	3.0	12,228
October.	64,660	52,375	81.0	48,948	47,624	3,227	44,397	1,324	2.7	3.4	12,285
November.	64,740	52,239	80.7	48,805	47,388	3,086	44,302	1,418	2.9	3.2	12,501
December.	64,824	52,155	80.5	48,721	47,250	2,954	44,296	1,471	3.0	2.9	12,669
1968: January.	64,899	51,604	79.5	48,176	46,472	2,898	43,574	1,704	3.5	2.9	13,295
<b>FEMALE</b>											
1947.	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7		35,767
1948.	53,088	17,351	32.7	17,335	16,618	1,271	15,347	717	4.1		35,737
1949.	53,689	17,806	33.2	17,788	16,723	1,314	15,409	1,065	6.0		35,883
1950.	54,293	18,412	33.9	18,389	17,340	1,159	16,182	1,049	5.7		35,881
1951.	54,933	19,054	34.7	19,016	18,182	1,193	16,990	834	4.4		35,879
1952.	55,575	19,314	34.8	19,269	18,570	1,112	17,459	698	3.6		36,261
1953.	56,353	19,429	34.5	19,382	18,750	1,008	17,744	632	3.3		36,924
1954.	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0		37,247
1955.	57,610	20,584	35.7	20,548	19,550	1,184	18,367	998	4.9		37,026
1956.	58,264	21,495	36.9	21,461	20,422	1,244	19,177	1,039	4.8		36,769
1957.	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7		37,218
1958.	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8		37,574
1959.	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9		38,053
1960.	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9		38,343
1961.	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2		38,679
1962.	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2		39,308
1963.	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5		39,791
1964.	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2		40,225
1965.	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5		40,531
1966.	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8		40,496
1967.	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2		40,608
1967: January.	68,449	27,564	40.3	27,529	26,073	471	25,602	1,457	5.3	5.0	40,884
July.	69,044	28,615	41.4	28,580	26,940	944	25,996	1,641	5.7	5.3	40,429
August.	69,170	28,473	41.2	28,438	26,937	922	26,015	1,501	5.3	5.0	40,697
September.	69,279	28,641	41.3	28,607	26,925	677	26,249	1,681	5.9	5.9	40,637
October.	69,384	29,219	42.1	29,184	27,557	806	26,751	1,627	5.6	5.8	40,165
November.	69,484	29,343	42.2	29,308	27,831	673	27,157	1,477	5.0	4.9	40,141
December.	69,582	29,372	42.2	29,337	28,088	591	27,497	1,249	4.3	5.0	40,209
1968: January.	69,676	28,206	40.5	28,171	26,801	468	26,334	1,370	4.9	4.6	41,270



## HOUSEHOLD DATA

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

January 1968  
(In thousands)

Age, sex, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>MALE</b>											
16 years and over .....	51,604	79.5	48,176	46,472	1,704	3.5	13,295	154	4,528	1,461	7,153
16 to 21 years .....	6,224	58.7	4,705	4,182	523	11.1	4,386	10	3,989	38	349
16 to 19 years .....	3,592	50.2	2,931	2,547	385	13.1	3,557	4	3,304	22	227
16 and 17 years .....	1,324	36.7	1,294	1,103	191	14.8	2,288	4	2,183	6	95
18 and 19 years .....	2,267	64.1	1,637	1,443	193	11.8	1,269	--	1,122	16	131
20 to 64 years .....	45,993	92.2	43,225	41,978	1,246	2.9	3,891	65	1,223	831	1,772
20 to 24 years .....	6,442	83.7	4,912	4,629	283	5.8	1,254	9	1,004	33	208
25 to 54 years .....	32,637	96.3	31,406	30,639	767	2.4	1,261	26	219	396	619
25 to 29 years .....	5,884	96.0	5,464	5,301	163	3.0	245	--	145	30	71
30 to 34 years .....	5,282	98.0	4,966	4,849	117	2.4	106	3	36	27	42
35 to 39 years .....	5,454	97.7	5,176	5,062	115	2.2	130	1	18	44	67
40 to 44 years .....	5,741	96.9	5,624	5,468	156	2.8	186	6	14	67	99
45 to 49 years .....	5,456	95.6	5,380	5,266	114	2.1	253	5	1	90	157
50 to 54 years .....	4,820	93.4	4,796	4,693	102	2.1	341	13	7	138	184
55 to 64 years .....	6,914	83.4	6,908	6,711	197	2.9	1,376	29	--	402	945
55 to 59 years .....	4,078	89.7	4,072	3,949	123	3.0	466	14	--	198	254
60 to 64 years .....	2,836	75.7	2,835	2,762	74	2.6	910	15	--	204	691
65 years and over .....	2,020	25.7	2,020	1,947	73	3.6	5,847	85	--	608	5,154
65 to 69 years .....	1,216	41.5	1,216	1,165	51	4.2	1,713	16	--	156	1,540
70 years and over .....	804	16.3	804	782	22	2.7	4,134	69	--	452	3,614
<b>WHITE MALE</b>											
16 years and over .....	46,520	79.9	43,398	42,006	1,392	3.2	11,690	134	3,937	1,193	6,426
16 to 21 years .....	5,526	59.5	4,127	3,708	418	10.1	3,764	8	3,454	30	273
16 to 19 years .....	3,187	51.2	2,577	2,268	309	12.0	3,034	4	2,834	18	179
16 and 17 years .....	1,191	38.0	1,164	1,002	161	13.9	1,943	4	1,861	3	75
18 and 19 years .....	1,996	64.7	1,413	1,265	147	10.4	1,091	--	974	15	103
20 to 64 years .....	41,463	92.6	38,952	37,936	1,016	2.6	3,308	54	1,102	663	1,490
20 to 24 years .....	5,700	83.7	4,303	4,077	226	5.3	1,114	7	922	25	160
25 to 54 years .....	29,442	96.8	28,334	27,699	634	2.2	975	23	180	301	472
25 to 29 years .....	9,982	97.4	9,327	9,113	214	2.3	269	2	150	40	77
30 to 34 years .....	10,088	97.7	9,729	9,501	228	2.3	238	4	26	86	123
35 to 44 years .....	9,372	95.2	9,277	9,085	192	2.1	468	17	4	175	272
55 to 64 years .....	6,322	83.8	6,316	6,161	156	2.5	1,219	25	--	337	857
55 to 59 years .....	3,733	90.4	3,728	3,637	91	2.4	397	11	--	162	223
60 to 64 years .....	2,588	75.9	2,588	2,523	65	2.5	823	14	--	175	634
65 years and over .....	1,869	25.9	1,869	1,802	67	3.6	5,348	77	--	513	4,758
<b>NONWHITE MALE</b>											
16 years and over .....	5,085	76.0	4,778	4,466	312	6.5	1,605	20	591	268	726
16 to 21 years .....	698	52.9	579	474	105	18.1	622	2	535	7	76
16 to 19 years .....	404	43.6	355	279	76	21.4	523	1	470	4	48
16 and 17 years .....	133	27.9	131	101	30	22.9	346	--	322	3	20
18 and 19 years .....	271	60.4	224	178	46	20.5	177	1	148	1	28
20 to 64 years .....	4,529	88.6	4,273	4,042	230	5.4	583	11	121	169	282
20 to 24 years .....	742	84.1	609	552	57	9.3	141	2	82	9	48
25 to 54 years .....	3,195	91.8	3,072	2,940	132	4.3	286	5	39	95	147
25 to 29 years .....	1,184	93.6	1,103	1,037	66	6.0	81	--	29	17	35
35 to 44 years .....	1,107	93.5	1,071	1,028	43	4.0	78	3	5	26	43
45 to 54 years .....	904	87.7	898	874	24	2.6	127	1	5	52	69
55 to 64 years .....	592	79.1	592	550	41	7.0	157	4	--	65	87
55 to 59 years .....	344	83.3	344	312	32	9.3	69	2	--	36	31
60 to 64 years .....	248	73.9	248	238	9	3.8	87	2	--	29	57
65 years and over .....	151	23.2	151	145	6	3.9	499	8	--	95	396

# HOUSEHOLD DATA

**A-3: Employment status of the noninstitutional population by age, sex, and color--Continued**  
**January 1968**  
(In thousands)

Age, sex, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>FEMALE</b>											
16 years and over .....	28,206	40.5	28,171	26,801	1,370	4.9	41,470	35,243	4,336	813	1,078
16 to 21 years .....	4,398	42.3	4,380	3,955	425	9.7	5,988	1,756	4,038	17	177
16 to 19 years .....	2,565	36.8	2,554	2,290	265	10.4	4,413	769	3,491	12	140
16 and 17 years .....	855	24.3	855	756	99	11.6	2,663	188	2,407	4	63
18 and 19 years .....	1,710	49.4	1,700	1,534	166	9.7	1,750	581	1,084	8	77
20 to 64 years .....	24,691	47.2	24,666	23,584	1,081	4.4	27,661	26,124	840	242	455
20 to 24 years .....	4,068	53.2	4,055	3,754	301	7.4	3,573	2,789	668	14	102
25 to 54 years .....	16,789	47.3	16,778	16,112	666	4.0	18,725	18,180	163	137	245
25 to 29 years .....	2,640	42.3	2,637	2,495	142	5.4	3,598	3,471	67	15	44
30 to 34 years .....	2,242	40.4	2,240	2,144	96	4.3	3,305	3,222	31	10	42
35 to 39 years .....	2,652	45.6	2,650	2,545	105	4.0	3,161	3,081	24	17	38
40 to 44 years .....	3,199	51.0	3,198	3,060	138	4.3	3,071	2,993	21	21	36
45 to 49 years .....	3,176	52.0	3,174	3,085	90	2.8	2,933	2,850	16	36	30
50 to 54 years .....	2,880	52.0	2,880	2,784	95	3.3	2,657	2,561	4	37	54
55 to 64 years .....	3,834	41.7	3,834	3,719	115	3.0	5,362	5,155	9	91	108
55 to 59 years .....	2,320	46.8	2,320	2,246	74	3.2	2,639	2,556	8	40	35
60 to 64 years .....	1,514	35.7	1,514	1,473	41	2.7	2,723	2,599	1	51	73
65 years and over .....	951	9.2	951	927	24	2.5	9,396	8,350	5	558	483
65 to 69 years .....	575	16.3	575	557	19	3.2	2,949	2,751	1	69	127
70 years and over .....	375	5.5	375	370	5	1.3	6,448	5,599	4	489	356
<b>WHITE FEMALE</b>											
16 years and over .....	24,635	39.7	24,602	23,540	1,062	4.3	37,456	32,132	3,752	653	919
16 to 21 years .....	3,892	43.1	3,875	3,539	336	8.7	5,135	1,481	3,508	15	131
16 to 19 years .....	2,282	37.9	2,273	2,066	207	9.1	3,745	625	3,001	11	108
16 and 17 years .....	771	25.4	771	688	83	10.8	2,259	145	2,062	3	49
18 and 19 years .....	1,512	50.4	1,502	1,378	124	8.3	1,486	480	939	8	59
20 to 64 years .....	21,483	46.2	21,460	20,628	832	3.9	25,031	23,723	744	191	371
20 to 24 years .....	3,575	53.3	3,562	3,330	232	6.5	3,136	2,449	604	11	71
25 to 54 years .....	14,455	46.0	14,444	13,943	501	3.5	16,989	16,542	133	110	203
25 to 34 years .....	4,070	39.4	4,065	3,896	168	4.1	6,257	6,090	77	20	69
35 to 44 years .....	4,989	46.8	4,985	4,809	176	3.5	5,668	5,532	38	34	64
45 to 54 years .....	5,396	51.6	5,394	5,238	156	2.9	5,064	4,920	18	55	70
55 to 64 years .....	3,454	41.3	3,454	3,355	99	2.9	4,906	4,731	7	71	96
55 to 59 years .....	2,077	46.2	2,077	2,012	65	3.2	2,417	2,347	7	32	32
60 to 64 years .....	1,377	35.6	1,377	1,343	33	2.4	2,489	2,385	1	39	65
65 years and over .....	869	9.1	869	846	23	2.6	8,679	7,784	6	451	440
<b>NONWHITE FEMALE</b>											
16 years and over .....	3,572	47.1	3,569	3,261	308	8.6	4,014	3,111	584	159	160
16 to 21 years .....	506	37.2	504	416	89	17.6	852	275	530	1	46
16 to 19 years .....	282	29.7	281	224	57	20.4	668	144	490	1	33
16 and 17 years .....	84	17.3	84	68	16	19.3	404	43	345	1	14
18 and 19 years .....	198	42.9	197	156	41	20.9	264	100	145	--	18
20 to 64 years .....	3,208	55.0	3,206	2,956	250	7.8	2,629	2,401	94	50	83
20 to 24 years .....	494	53.0	493	424	69	13.9	438	340	64	3	31
25 to 54 years .....	2,334	57.3	2,333	2,169	165	7.1	1,736	1,637	29	28	42
25 to 34 years .....	812	55.7	812	742	69	8.5	647	603	21	5	17
35 to 44 years .....	862	60.5	862	795	67	7.8	563	543	6	4	10
45 to 54 years .....	660	55.7	660	631	29	4.3	526	491	2	19	14
55 to 64 years .....	380	45.5	380	364	16	4.3	456	423	2	20	11
55 to 59 years .....	243	52.2	243	234	9	3.6	222	210	2	8	3
60 to 64 years .....	137	37.0	137	130	8	5.5	234	214	--	12	8
65 years and over .....	82	10.2	82	81	1	.9	717	566	--	108	44

# HOUSEHOLD DATA

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

Age, sex, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967
<b>MALE</b>								
16 years and over.....	51,604	51,143	79.5	80.1	48,176	47,791	78.4	79.0
16 to 19 years.....	3,592	3,645	50.2	51.1	2,931	3,135	45.2	47.4
16 and 17 years.....	1,324	1,387	36.7	39.2	1,294	1,343	36.1	38.4
18 and 19 years.....	2,267	2,258	64.1	62.9	1,637	1,792	56.3	57.4
20 to 24 years.....	6,442	6,211	83.7	85.8	4,912	4,755	79.7	82.3
25 to 54 years.....	32,637	32,460	96.3	96.8	31,406	31,080	96.1	96.6
25 to 34 years.....	11,166	10,843	97.0	97.3	10,430	10,011	96.7	97.1
35 to 44 years.....	11,195	11,342	97.3	97.4	10,800	10,904	97.2	97.3
45 to 54 years.....	10,276	10,275	94.5	95.5	10,175	10,165	94.5	95.4
55 to 64 years.....	6,914	6,829	83.4	83.6	6,908	6,823	83.4	83.6
55 to 59 years.....	4,078	3,995	89.7	89.5	4,072	3,990	89.7	89.5
60 to 64 years.....	2,836	2,834	75.7	76.4	2,835	2,833	75.7	76.4
65 years and over.....	2,020	1,997	25.7	25.7	2,020	1,997	25.7	25.7
<b>WHITE MALE</b>								
16 years and over.....	46,520	46,073	79.9	80.4	43,398	43,027	78.8	79.3
16 to 19 years.....	3,187	3,264	51.2	52.4	2,577	2,796	45.9	48.5
16 and 17 years.....	1,191	1,239	38.0	40.3	1,164	1,199	37.5	39.5
18 and 19 years.....	1,996	2,025	64.7	64.1	1,413	1,597	56.4	58.5
20 to 24 years.....	5,700	5,465	83.7	85.3	4,303	4,144	79.4	81.5
25 to 54 years.....	29,442	29,245	96.8	97.1	28,334	27,993	96.7	97.0
25 to 34 years.....	9,982	9,675	97.4	97.5	9,327	8,927	97.2	97.3
35 to 44 years.....	10,088	10,224	97.7	97.8	9,729	9,823	97.6	97.7
45 to 54 years.....	9,372	9,346	95.2	95.9	9,277	9,243	95.2	95.9
55 to 64 years.....	6,322	6,258	83.8	84.2	6,316	6,252	83.8	84.2
55 to 59 years.....	3,733	3,653	90.4	90.0	3,728	3,648	90.4	90.0
60 to 64 years.....	2,588	2,605	75.9	77.3	2,588	2,604	75.9	77.3
65 years and over.....	1,869	1,841	25.9	25.8	1,869	1,841	25.9	25.8
<b>NONWHITE MALE</b>								
16 years and over.....	5,085	5,070	76.0	77.6	4,778	4,764	74.9	76.5
16 to 19 years.....	404	380	43.6	42.4	355	339	40.4	39.6
16 and 17 years.....	133	148	27.9	31.7	131	145	27.5	31.3
18 and 19 years.....	271	233	60.4	54.3	224	195	55.8	49.9
20 to 24 years.....	742	746	84.1	89.9	609	611	81.2	87.9
25 to 54 years.....	3,195	3,216	91.8	93.7	3,072	3,086	91.5	93.4
25 to 34 years.....	1,184	1,170	93.6	95.4	1,103	1,085	93.1	95.1
35 to 44 years.....	1,107	1,118	93.5	94.1	1,071	1,080	93.3	93.9
45 to 54 years.....	904	928	87.7	91.1	898	921	87.6	91.0
55 to 64 years.....	592	571	79.1	77.1	592	571	79.1	77.1
55 to 59 years.....	344	342	83.3	84.7	344	342	83.3	84.7
60 to 64 years.....	248	229	73.9	68.0	248	229	73.9	68.0
65 years and over.....	151	157	23.2	24.6	151	157	23.2	24.6

# HOUSEHOLD DATA

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

Age, sex, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967
<b>FEMALE</b>								
16 years and over .....	28,206	27,564	40.5	40.3	28,171	27,529	40.5	40.2
16 to 19 years .....	2,565	2,585	36.8	37.1	2,554	2,575	36.7	37.0
16 and 17 years .....	855	868	24.3	25.2	855	868	24.3	25.2
18 and 19 years .....	1,710	1,716	49.4	48.8	1,700	1,706	49.3	48.6
20 to 24 years .....	4,068	3,740	53.2	51.7	4,055	3,727	53.2	51.6
25 to 54 years .....	16,789	16,427	47.3	46.8	16,778	16,415	47.3	46.8
25 to 34 years .....	4,882	4,696	41.4	41.1	4,876	4,690	41.4	41.1
35 to 44 years .....	5,851	5,807	48.4	47.5	5,847	5,803	48.4	47.5
45 to 54 years .....	6,056	5,924	52.0	51.6	6,054	5,922	52.0	51.6
55 to 64 years .....	3,834	3,808	41.7	42.3	3,834	3,808	41.7	42.3
55 to 59 years .....	2,320	2,367	46.8	48.8	2,320	2,367	46.8	48.8
60 to 64 years .....	1,514	1,441	35.7	34.6	1,514	1,441	35.7	34.6
65 years and over .....	951	1,004	9.2	9.9	951	1,004	9.2	9.9
<b>WHITE FEMALE</b>								
16 years and over .....	24,635	24,004	39.7	39.3	24,602	23,972	39.6	39.3
16 to 19 years .....	2,282	2,305	37.9	38.1	2,273	2,295	37.8	38.0
16 and 17 years .....	771	786	25.4	26.4	771	786	25.4	26.4
18 and 19 years .....	1,512	1,519	50.4	49.4	1,502	1,509	50.3	49.2
20 to 24 years .....	3,575	3,314	53.3	52.2	3,562	3,302	53.2	52.1
25 to 54 years .....	14,455	14,084	46.0	45.3	14,444	14,074	46.0	45.2
25 to 34 years .....	4,070	3,900	39.4	39.0	4,065	3,895	39.4	39.0
35 to 44 years .....	4,989	4,939	46.8	45.7	4,985	4,936	46.8	45.7
45 to 54 years .....	5,396	5,245	51.6	50.9	5,394	5,243	51.6	50.8
55 to 64 years .....	3,454	3,394	41.3	41.4	3,454	3,394	41.3	41.4
55 to 59 years .....	2,077	2,119	46.2	48.1	2,077	2,119	46.2	48.1
60 to 64 years .....	1,377	1,275	35.6	33.6	1,377	1,275	35.6	33.6
65 years and over .....	869	907	9.1	9.7	869	907	9.1	9.7
<b>NONWHITE FEMALE</b>								
16 years and over .....	3,572	3,561	47.1	48.2	3,569	3,558	47.1	48.2
16 to 19 years .....	282	281	29.7	30.6	281	280	29.7	30.5
16 and 17 years .....	84	83	17.3	17.5	84	83	17.3	17.5
18 and 19 years .....	198	198	42.9	44.8	197	197	42.8	44.7
20 to 24 years .....	494	426	53.0	48.3	493	425	53.0	48.2
25 to 54 years .....	2,334	2,341	57.3	58.5	2,333	2,341	57.3	58.5
25 to 34 years .....	812	795	55.7	55.8	812	795	55.6	55.8
35 to 44 years .....	862	868	60.5	61.2	862	868	60.5	61.2
45 to 54 years .....	660	678	55.7	58.4	660	678	55.7	58.4
55 to 64 years .....	380	414	45.5	51.0	380	414	45.5	51.0
55 to 59 years .....	243	248	52.2	55.5	243	248	52.2	55.5
60 to 64 years .....	137	166	37.0	45.5	137	166	37.0	45.5
65 years and over .....	82	97	10.2	12.5	82	97	10.2	12.5

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

January 1968  
(In thousands)

Employment status	Total			White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population ..	20,996	10,610	10,385	18,318	9,291	9,027	2,678	1,320	1,358
Total labor force .....	10,622	6,224	4,398	9,418	5,526	3,892	1,204	698	506
Percent of population ..	50.6	58.7	42.3	51.4	59.5	43.1	45.0	52.9	37.2
Civilian labor force ..	9,085	4,705	4,380	8,002	4,127	3,875	1,083	579	504
Employed .....	8,137	4,182	3,955	7,247	3,708	3,539	890	474	416
Agriculture .....	322	282	40	292	257	35	30	25	5
Nonagricultural industries .....	7,815	3,900	3,915	6,956	3,451	3,504	859	449	410
Unemployed .....	948	523	425	755	418	336	193	105	89
Percent of labor force .....	10.4	11.1	9.7	9.4	10.1	8.7	17.8	18.1	17.6
Looking for full-time work .....	574	280	294	433	209	224	141	71	70
Looking for part-time work .....	374	243	131	321	209	112	52	34	19
Not in labor force ..	10,374	4,386	5,988	8,900	3,764	5,135	1,474	622	852
Major activity: going to school									
Civilian labor force .....	3,252	1,948	1,304	2,987	1,793	1,194	265	155	110
Employed .....	2,894	1,704	1,190	2,682	1,583	1,100	212	122	90
Agriculture .....	135	122	13	128	116	12	7	6	1
Nonagricultural industries .....	2,760	1,582	1,177	2,555	1,467	1,088	205	115	89
Unemployed .....	358	243	115	305	210	95	53	33	20
Percent of labor force .....	11.0	12.5	8.8	10.2	11.7	7.9	20.0	21.4	18.1
Looking for full-time work .....	23	15	8	17	13	4	6	2	4
Looking for part-time work .....	334	228	107	288	197	91	47	31	16
Not in labor force .....	8,027	3,989	4,038	6,962	3,454	3,508	1,065	535	530
Major activity: other									
Civilian labor force .....	5,833	2,758	3,075	5,015	2,334	2,681	818	424	394
Employed .....	5,243	2,478	2,765	4,565	2,126	2,439	678	352	325
Agriculture .....	187	160	27	164	141	23	23	19	4
Nonagricultural industries .....	5,055	2,318	2,738	4,401	1,984	2,417	654	333	321
Unemployed .....	590	280	310	450	208	242	140	71	69
Percent of labor force .....	10.1	10.1	10.1	9.0	8.9	9.0	17.1	16.9	17.4
Looking for full-time work .....	551	265	286	416	196	220	135	69	66
Looking for part-time work .....	39	15	24	34	12	21	6	3	3
Not in labor force .....	2,346	397	1,949	1,938	311	1,627	408	86	322

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

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967
	<b>TOTAL</b>							
Total noninstitutional population ..	134,576	132,295	57,751	56,721	62,699	61,479	14,126	14,096
Total labor force .....	79,811	78,706	48,013	47,498	25,642	24,980	6,156	6,230
Percent of population .....	59.3	59.5	83.1	83.7	40.9	40.6	43.6	44.2
Civilian labor force ..	76,347	75,320	45,245	44,656	25,617	24,955	5,486	5,710
Employed .....	73,273	72,160	43,925	43,344	24,511	23,774	4,836	5,044
Agriculture .....	3,366	3,335	2,702	2,638	440	443	224	254
Nonagricultural industries .....	69,908	68,826	41,224	40,704	24,071	23,332	4,613	4,790
Unemployed .....	3,074	3,160	1,319	1,312	1,105	1,180	649	667
Percent of labor force .....	4.0	4.2	2.9	2.9	4.3	4.7	11.8	11.7
Not in labor force ..	54,765	53,589	9,738	9,223	37,057	36,501	7,970	7,865
<b>WHITE</b>								
Total noninstitutional population ..	120,300	118,368	51,989	51,083	56,063	55,005	12,249	12,282
Total labor force .....	71,154	70,077	43,332	42,810	22,352	21,699	5,470	5,569
Percent of population .....	59.1	59.2	83.3	83.8	39.9	39.4	44.7	45.3
Civilian labor force ..	68,000	66,999	40,821	40,231	22,329	21,677	4,850	5,091
Employed .....	65,546	64,480	39,738	39,153	21,474	20,758	4,334	4,569
Agriculture .....	3,002	2,966	2,396	2,332	403	402	204	232
Nonagricultural industries .....	62,544	61,514	37,342	36,821	21,072	20,357	4,130	4,337
Unemployed .....	2,454	2,519	1,083	1,078	855	919	516	522
Percent of labor force ..	3.6	3.8	2.7	2.7	3.8	4.2	10.6	10.3
Not in labor force ..	49,146	48,291	8,656	8,273	33,710	33,305	6,779	6,713
<b>NONWHITE</b>								
Total noninstitutional population ..	14,275	13,928	5,762	5,640	6,636	6,473	1,877	1,814
Total labor force .....	8,656	8,630	4,680	4,690	3,290	3,279	687	661
Percent of population .....	60.6	62.0	81.2	83.2	49.6	50.7	36.6	36.4
Civilian labor force ..	8,347	8,321	4,424	4,425	3,288	3,278	636	619
Employed .....	7,727	7,680	4,187	4,189	3,037	3,017	503	475
Agriculture .....	363	369	306	306	38	41	20	21
Nonagricultural industries .....	7,364	7,312	3,881	3,883	2,999	2,975	483	453
Unemployed .....	620	641	236	235	251	261	133	146
Percent of labor force ..	7.4	7.7	5.3	5.3	7.6	8.0	21.0	23.6
Not in labor force .....	5,619	5,298	1,082	951	3,346	3,195	1,191	1,152

# HOUSEHOLD DATA

**A. 7: Full- and part-time status of the civilian labor force by age and sex  
January 1968**

(In thousands)

Age and sex	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full- time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
16 years and over .....	66,293	61,984	1,878	2,431	3.7	10,054	9,411	643	6.4
16 to 21 years .....	5,554	4,659	320	574	10.3	3,531	3,158	374	10.6
16 to 19 years .....	2,627	2,108	183	335	12.8	2,859	2,545	314	11.0
16 and 17 years .....	417	284	47	86	20.6	1,732	1,528	205	11.8
18 and 19 years .....	2,210	1,824	136	249	11.3	1,127	1,017	110	9.7
20 years and over .....	63,666	59,876	1,694	2,096	3.3	7,195	6,866	329	4.6
20 to 24 years .....	7,836	7,082	264	490	6.3	1,130	1,036	94	8.3
25 years and over .....	55,831	52,795	1,430	1,606	2.9	6,066	5,830	235	3.9
25 to 54 years .....	44,250	41,992	984	1,273	2.9	3,934	3,775	159	4.0
55 years and over .....	11,581	10,802	445	333	2.9	2,132	2,056	76	3.6
<b>MALE</b>									
16 years and over .....	44,615	42,213	1,018	1,383	3.1	3,561	3,241	321	9.0
16 to 21 years .....	2,737	2,270	187	280	10.2	1,968	1,725	243	12.3
16 to 19 years .....	1,302	1,030	96	175	13.5	1,629	1,420	209	12.9
20 years and over .....	43,313	41,183	922	1,208	2.8	1,932	1,821	111	5.8
20 to 24 years .....	4,381	3,984	162	236	5.4	530	484	47	8.8
25 years and over .....	38,931	37,199	760	972	2.5	1,401	1,337	65	4.6
25 to 54 years .....	30,985	29,753	486	746	2.4	421	400	21	5.0
55 years and over .....	7,947	7,446	275	226	2.8	980	938	44	4.5
<b>FEMALE</b>									
16 years and over .....	21,678	19,771	859	1,047	4.8	6,493	6,171	323	5.0
16 to 21 years .....	2,817	2,389	134	294	10.4	1,563	1,432	131	8.4
16 to 19 years .....	1,324	1,078	87	160	12.1	1,230	1,125	105	8.5
20 years and over .....	20,354	18,693	773	888	4.4	5,263	5,045	218	4.1
20 to 24 years .....	3,455	3,099	102	254	7.4	599	553	47	7.8
25 years and over .....	16,898	15,595	670	633	3.7	4,664	4,493	170	3.6
25 to 54 years .....	13,265	12,239	499	528	4.0	3,513	3,375	138	3.9
55 years and over .....	3,633	3,356	172	106	2.9	1,150	1,118	32	2.8

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

# HOUSEHOLD DATA

## A- 8: Unemployed persons by age and sex

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967
<b>Total, 16 years and over</b> .....	1,704	1,703	3.5	3.6	1,370	1,457	4.9	5.3
16 to 19 years .....	385	391	13.1	12.5	265	276	10.4	10.7
16 and 17 years .....	191	207	14.8	15.4	99	88	11.6	10.1
18 and 19 years .....	193	183	11.8	10.2	166	189	9.7	11.1
20 years and over .....	1,319	1,312	2.9	2.9	1,105	1,180	4.3	4.7
20 to 24 years .....	283	257	5.8	5.4	301	287	7.4	7.7
25 years and over .....	1,037	1,055	2.6	2.6	804	893	3.7	4.2
25 to 34 years .....	280	278	2.7	2.8	238	271	4.9	5.8
35 to 44 years .....	270	240	2.5	2.2	243	244	4.2	4.2
45 to 54 years .....	216	244	2.1	2.4	185	208	3.1	3.5
55 to 64 years .....	197	229	2.9	3.4	115	131	3.0	3.4
55 to 59 years .....	123	132	3.0	3.3	74	85	3.2	3.6
60 to 64 years .....	74	97	2.6	3.4	41	46	2.7	3.2
65 years and over .....	73	64	3.6	3.2	24	39	2.5	3.9
<b>Household head, 16 years and over</b> .....	949	1,000	2.3	2.5	220	240	3.8	4.0
16 to 24 years .....	89	106	3.1	3.6	20	38	4.0	7.4
25 to 54 years .....	610	616	2.1	2.1	130	132	4.0	3.9
55 years and over .....	250	277	2.9	3.3	69	70	3.3	3.3

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967
<b>Total, 16 years and over</b> .....	1,704	1,703	3.5	3.6	1,370	1,457	4.9	5.3
Married, spouse present .....	854	902	2.2	2.4	928	778	4.4	4.9
Widowed, divorced, or separated .....	141	158	5.6	6.5	253	271	4.6	4.8
Single (never married) .....	709	643	9.2	8.5	390	408	6.4	6.8
<b>Total, 20 to 64 years of age</b> .....	1,246	1,248	2.9	2.9	1,081	1,141	4.4	4.8
Married, spouse present .....	788	834	2.2	2.3	687	724	4.3	4.7
Widowed, divorced, or separated .....	133	151	6.0	7.1	222	232	4.6	4.7
Single (never married) .....	326	264	6.8	5.8	173	186	4.5	5.0
<b>White, 16 years and over</b> .....	1,392	1,396	3.2	3.2	1,062	1,123	4.3	4.7
Married, spouse present .....	723	766	2.1	2.2	573	636	3.9	4.5
Widowed, divorced, or separated .....	100	118	5.1	6.3	189	202	4.3	4.5
Single (never married) .....	568	511	8.5	7.7	301	286	5.6	5.4
<b>White, 20 to 64 years of age</b> .....	1,016	1,019	2.6	2.7	832	884	3.9	4.3
Married, spouse present .....	662	702	2.0	2.1	536	595	3.7	4.4
Widowed, divorced, or separated .....	92	111	5.4	6.8	159	166	4.2	4.2
Single (never married) .....	261	204	6.3	5.1	137	124	4.1	3.8
<b>Nonwhite, 16 years and over</b> .....	312	307	6.5	6.5	308	334	8.6	9.4
Married, spouse present .....	131	136	4.0	4.1	155	142	8.7	8.1
Widowed, divorced, or separated .....	40	40	7.5	7.3	64	70	5.9	6.3
Single (never married) .....	141	132	14.2	14.3	89	122	12.4	17.5
<b>Nonwhite, 20 to 64 years of age</b> .....	230	228	5.4	5.3	250	257	7.8	8.1
Married, spouse present .....	126	132	4.0	4.2	151	128	8.7	7.6
Widowed, divorced, or separated .....	39	38	7.7	7.5	62	68	6.2	6.6
Single (never married) .....	65	60	10.1	10.0	36	62	7.8	13.6

# HOUSEHOLD DATA

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967
Total....	3,074	3,160	4.0	4.2	3.5	3.6	4.9	5.3
White-collar workers.....	765	793	2.2	2.3	1.4	1.5	3.0	3.3
Professional and technical.....	110	128	1.1	1.3	.9	1.0	1.3	1.8
Managers, officials, and proprietors.....	76	69	1.0	1.0	.7	.8	2.3	1.6
Clerical workers.....	408	395	3.1	3.2	2.7	2.3	3.3	3.5
Sales workers.....	171	201	3.7	4.3	2.6	3.0	5.4	6.2
Blue-collar workers.....	1,531	1,491	5.5	5.4	4.8	4.8	8.8	8.1
Craftsmen and foremen.....	378	332	3.8	3.3	3.8	3.3	3.5	3.9
Carpenters and other construction craftsmen.....	222	227	8.0	8.2	8.1	8.1	(1)	(1)
All other.....	156	105	2.2	1.5	2.1	1.4	3.1	3.4
Operatives.....	786	813	5.5	5.6	3.9	4.5	8.8	8.3
Drivers and deliverymen.....	102	120	3.9	4.6	4.0	4.6	(1)	(1)
All other.....	684	693	5.8	5.9	3.9	4.4	9.0	8.3
Nonfarm laborers.....	367	346	10.6	10.0	10.2	10.0	19.9	18.1
Construction laborers.....	152	140	21.6	20.0	21.1	20.0	(1)	-
All other.....	215	206	7.8	7.5	7.4	7.4	16.8	(1)
Service workers.....	426	476	4.5	4.9	4.1	3.7	4.7	5.6
Private household.....	57	83	3.3	4.4	(1)	(1)	3.4	4.3
All other.....	368	393	4.7	5.0	4.2	3.6	5.2	6.1
Farmers and farm laborers.....	87	100	2.8	3.2	2.7	2.7	3.3	5.7
No previous work experience.....	265	300	-	-	-	-	-	-
16 to 19 years.....	196	216	-	-	-	-	-	-
20 to 24 years.....	43	48	-	-	-	-	-	-
25 years and over.....	26	35	-	-	-	-	-	-

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

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

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967
Total.....	100.0	100.0	4.0	4.2	3.5	3.6	4.9	5.3
Private wage and salary workers.....	78.7	79.4	4.4	4.6	3.9	4.0	5.2	5.7
Mining.....	.6	.4	3.6	2.6	3.9	2.7	-	-
Construction.....	14.4	13.0	13.4	12.5	13.8	12.9	6.9	5.0
Manufacturing.....	25.5	25.0	3.8	3.8	2.6	2.8	6.9	6.6
Durable goods.....	12.8	13.0	3.2	3.4	2.5	2.9	5.9	5.0
Primary metal industries.....	.8	1.2	2.0	2.7	1.9	2.6	3.3	3.9
Fabricated metal products.....	1.8	1.8	3.3	3.6	2.9	3.5	5.2	4.3
Machinery.....	1.4	1.6	1.9	2.3	2.1	1.8	.8	4.9
Electrical equipment.....	2.7	1.8	4.0	2.8	2.6	1.8	6.2	4.4
Motor vehicles and equipment.....	.3	.9	.9	2.5	.7	2.7	(1)	(1)
All other transportation equipment.....	1.1	1.0	2.8	2.8	2.2	2.0	6.2	7.9
Other durable goods industries.....	4.6	4.7	5.3	5.3	4.1	5.0	9.3	6.4
Nondurable goods.....	12.7	12.0	4.5	4.5	2.6	2.5	7.6	7.8
Food and kindred products.....	3.8	3.0	6.3	5.0	3.9	3.4	13.2	9.7
Textile mill products.....	1.2	1.5	3.5	4.5	2.1	2.2	5.0	7.5
Apparel and other finished textile products.....	3.6	3.2	8.2	7.4	5.2	4.9	8.9	8.0
Other nondurable goods industries.....	4.0	4.3	2.9	3.3	1.9	1.8	5.3	6.9
Transportation and public utilities.....	3.2	4.0	2.3	3.0	2.5	2.9	1.4	3.6
Railroads and railway express.....	.4	.6	1.5	2.5	1.4	2.2	(1)	(1)
Other transportation.....	2.0	2.4	3.5	4.5	4.0	4.8	.4	3.0
Communication and other public utilities.....	.8	1.0	1.4	1.8	1.2	.9	1.7	3.5
Wholesale and retail trade.....	19.4	18.9	4.8	4.9	3.5	3.6	6.7	6.6
Finance, insurance, and real estate.....	2.4	2.7	2.3	2.7	2.0	2.1	2.6	3.3
Service industries.....	13.3	15.2	3.8	4.5	3.5	3.7	3.9	5.0
Professional services.....	4.1	4.3	2.4	2.8	2.1	2.0	2.6	3.2
All other service industries.....	9.2	10.9	4.9	1.0	4.6	5.1	5.2	6.6
Agricultural wage and salary workers.....	3.2	7.8	8.1	9.1	8.0	7.9	8.7	16.1
All other classes of workers.....	9.4	9.5	1.5	1.3	1.2	1.1	1.9	1.7
No previous work experience.....	8.6	3.3	-	-	-	-	-	-

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



A-12: Unemployed persons by duration of unemployment

Duration of unemployment	Total			
	Thousands		Percent distribution	
	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967
Total.....	3,074	3,160	100.0	100.0
Less than 5 weeks.....	1,552	1,707	50.5	54.0
5 to 14 weeks.....	993	939	32.3	29.7
5 to 10 weeks.....	753	778	24.5	24.6
11 to 14 weeks.....	240	160	7.8	5.1
15 weeks and over.....	529	515	17.2	16.3
15 to 26 weeks.....	342	313	11.1	9.9
27 weeks and over.....	187	201	6.1	6.4
Average (mean) duration.....	9.2	9.1	--	--

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

January 1968

Sex, age, color, and marital status	Thousands of persons					Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967
<b>Total</b> .....	3,074	1,552	993	342	187	50.5	54.0	17.2	16.3
16 to 21 years.....	948	517	266	111	54	54.5	58.4	17.4	14.3
16 to 19 years.....	649	355	179	77	38	54.7	56.7	17.8	16.9
20 to 24 years.....	584	326	177	53	27	55.9	61.6	13.7	12.1
25 to 44 years.....	1,031	539	342	110	39	52.3	55.8	14.5	14.5
45 years and over.....	810	331	294	101	83	40.9	45.7	22.8	19.9
<b>Male</b> .....	1,704	793	635	174	102	46.5	50.5	16.2	16.7
16 to 21 years.....	523	286	167	49	21	54.6	58.3	13.5	13.8
16 to 19 years.....	385	208	121	37	19	54.1	57.8	14.4	14.6
20 to 24 years.....	283	145	111	19	7	51.4	58.8	9.4	12.5
25 to 44 years.....	520	276	204	51	18	50.2	50.6	12.5	17.0
45 years and over.....	486	163	200	67	57	33.5	41.2	25.5	19.9
<b>Female</b> .....	1,370	759	357	168	85	55.4	58.1	18.5	15.8
16 to 21 years.....	425	231	99	62	33	54.4	58.6	22.3	14.9
16 to 19 years.....	265	147	58	40	19	55.6	55.1	22.6	20.3
20 to 24 years.....	301	181	67	34	20	60.1	64.1	17.8	11.8
25 to 44 years.....	481	263	139	59	19	54.7	61.0	16.2	12.6
45 years and over.....	323	168	94	35	26	52.0	52.1	18.8	19.8
<b>White: Total</b> .....	2,454	1,241	794	271	148	50.6	55.2	17.1	15.1
Male.....	1,392	645	514	146	86	46.4	51.6	16.7	15.4
Female.....	1,062	596	280	125	62	56.1	59.6	17.5	14.7
<b>Nonwhite: Total</b> .....	620	311	198	72	39	50.2	49.5	17.8	21.1
Male.....	312	147	121	28	16	47.2	45.3	13.9	22.8
Female.....	308	164	77	44	23	53.2	53.0	21.8	19.5
<b>Male: Married, wife present</b> .....	854	373	331	95	55	43.7	48.2	17.6	16.3
Widowed, divorced, or separated.....	141	53	62	14	11	37.9	41.8	17.7	24.1
Single (never married).....	709	366	242	65	35	51.7	55.8	14.2	15.6
<b>Female: Married, husband present</b> .....	728	428	189	76	35	58.7	63.6	15.3	11.7
Widowed, divorced, or separated.....	253	135	66	37	15	53.6	51.7	20.5	19.9
Single (never married).....	390	197	103	55	35	50.4	51.7	23.1	20.8

# HOUSEHOLD DATA

**A-14: Unemployed persons by duration, occupation, and industry of last job**  
**January 1968**

Occupation and industry	Thousands of persons					Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Jan.	Jan.	Jan.	Jan.
						1968	1967	1968	1967
<b>OCCUPATION</b>									
White-collar workers .....	765	449	193	82	42	58.7	58.8	16.1	17.9
Professional and managerial .....	186	87	58	28	14	46.8	48.2	22.6	25.9
Clerical workers .....	408	254	92	41	22	62.1	56.7	15.3	15.9
Sales workers .....	171	109	43	13	6	63.9	73.1	11.0	13.9
Blue-collar workers .....	1,531	738	561	152	80	48.2	51.6	15.1	14.5
Craftsmen and foremen .....	378	182	134	37	26	48.1	50.9	16.6	11.4
Operatives .....	786	385	277	86	38	49.0	53.5	15.8	15.5
Nonfarm laborers .....	367	171	151	29	16	46.7	47.7	12.2	15.0
Service workers .....	426	199	134	61	32	46.8	56.9	21.7	14.3
<b>INDUSTRY <sup>1</sup></b>									
Agriculture .....	99	51	28	18	2	(2)	52.9	(2)	13.5
Construction .....	459	214	195	35	16	46.6	50.0	11.1	11.1
Manufacturing .....	794	384	266	89	56	48.4	54.1	18.1	15.6
Durable goods .....	402	172	147	40	44	42.7	55.4	20.8	16.4
Nondurable goods .....	392	213	119	48	12	54.2	52.8	15.4	14.4
Transportation and public utilities .....	103	57	30	13	3	55.4	43.2	15.5	19.4
Wholesale and retail trade .....	595	359	161	48	26	60.4	58.3	12.5	13.8
Finance and service industries .....	591	293	176	80	40	49.6	56.7	20.3	18.2
Public administration .....	80	44	27	6	2	(2)	(2)	(2)	(2)
No previous work experience .....	265	115	79	41	31	43.4	49.0	27.0	25.0

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

<sup>2</sup>Percent not shown where base is less than 100,000.

**A-15: Employed persons by age and sex**  
(In thousands)

Age and type of industry	Total		Male		Female	
	Jan.	Jan.	Jan.	Jan.	Jan.	Jan.
	1968	1967	1968	1967	1968	1967
<b>All industries</b> .....	73,273	72,160	46,472	46,088	26,801	26,073
16 to 19 years .....	4,836	5,044	2,547	2,745	2,290	2,299
16 and 17 years .....	1,859	1,917	1,103	1,136	756	781
18 and 19 years .....	2,977	3,126	1,443	1,609	1,534	1,517
20 to 24 years .....	8,383	7,938	4,629	4,498	3,754	3,440
25 to 54 years .....	46,751	46,009	30,639	30,317	16,112	15,692
25 to 34 years .....	14,789	14,152	10,150	9,733	4,639	4,419
35 to 44 years .....	16,134	16,224	10,530	10,664	5,605	5,560
45 to 54 years .....	15,828	15,633	9,959	9,920	5,869	5,713
55 to 64 years .....	10,430	10,271	6,711	6,594	3,719	3,677
55 to 59 years .....	6,195	6,140	3,949	3,858	2,246	2,282
60 to 64 years .....	4,235	4,131	2,762	2,736	1,473	1,395
65 years and over .....	2,874	2,899	1,947	1,933	927	966
<b>Nonagricultural industries</b> .....	69,908	68,826	43,574	43,224	26,334	25,602
16 to 19 years .....	4,613	4,790	2,350	2,520	2,262	2,270
16 and 17 years .....	1,725	1,751	983	985	742	766
18 and 19 years .....	2,888	3,039	1,367	1,535	1,521	1,504
20 to 24 years .....	8,157	7,753	4,427	4,331	3,730	3,422
25 to 54 years .....	44,921	44,186	29,124	28,797	15,797	15,389
25 to 34 years .....	14,306	13,712	9,753	9,363	4,553	4,349
35 to 44 years .....	15,548	15,613	10,045	10,155	5,503	5,458
45 to 54 years .....	15,067	14,861	9,326	9,279	5,741	5,582
55 to 64 years .....	9,734	9,580	6,098	5,994	3,636	3,586
55 to 59 years .....	5,814	5,761	3,614	3,531	2,200	2,230
60 to 64 years .....	3,920	3,819	2,484	2,463	1,436	1,356
65 years and over .....	2,482	2,515	1,574	1,581	908	934
<b>Agriculture</b> .....	3,366	3,335	2,898	2,864	468	471
16 to 19 years .....	224	254	196	225	27	29
16 and 17 years .....	134	165	120	151	14	14
18 and 19 years .....	89	88	76	74	13	14
20 to 24 years .....	225	184	202	166	24	18
25 to 54 years .....	1,830	1,822	1,514	1,519	315	303
25 to 34 years .....	483	440	397	370	86	70
35 to 44 years .....	586	610	485	508	101	102
45 to 54 years .....	761	772	632	641	128	131
55 to 64 years .....	696	691	613	601	83	90
55 to 59 years .....	381	379	336	327	46	52
60 to 64 years .....	314	312	277	274	37	38
65 years and over .....	391	382	373	352	19	30

# HOUSEHOLD DATA

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

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967
<b>Total</b> .....	73,273	72,160	43,925	43,344	24,511	23,774	2,547	2,745	2,290	2,299
<b>White-collar workers</b> .....	34,802	33,538	18,104	17,503	14,775	13,996	583	685	1,339	1,355
Professional and technical .....	10,241	9,881	6,216	6,047	3,868	3,629	80	107	76	98
Medical and other health .....	1,628	1,607	615	619	982	949	3	4	29	36
Teachers, except college .....	2,397	2,305	711	687	1,678	1,609	4	-	4	9
Other professional and technical .....	6,216	5,969	4,890	4,743	1,208	1,073	73	103	43	53
Managers, officials, and proprietors .....	7,579	7,124	6,397	5,980	1,150	1,107	24	35	8	2
Salaried workers .....	5,403	5,031	4,606	4,279	770	715	21	35	5	2
Self-employed workers in retail trade .....	1,079	1,048	831	790	243	259	2	-	3	-
Self-employed workers, except retail trade .....	1,097	1,046	960	911	136	133	-	1	-	1
Clerical workers .....	12,580	12,099	3,114	3,073	8,169	7,658	255	330	1,042	1,038
Stenographers, typists, and secretaries .....	3,297	3,059	58	49	2,908	2,650	5	4	326	357
Other clerical workers .....	9,284	9,040	3,057	3,025	5,261	5,008	250	326	716	681
Sales workers .....	4,402	4,434	2,377	2,403	1,588	1,602	224	213	213	217
Retail trade .....	2,658	2,688	855	888	1,416	1,427	186	171	201	202
Other sales workers .....	1,744	1,747	1,521	1,515	172	175	38	42	13	14
<b>Blue-collar workers</b> .....	26,319	26,308	20,452	20,457	4,278	4,186	1,375	1,448	213	219
Craftsmen and foremen .....	9,598	9,600	9,143	9,181	299	233	154	175	2	12
Carpenters .....	740	756	731	743	1	1	7	12	-	-
Construction craftsmen, except carpenters .....	1,798	1,793	1,766	1,757	14	14	18	20	-	1
Mechanics and repairmen .....	2,560	2,525	2,461	2,421	19	22	83	77	-	4
Metal craftsmen, except mechanics .....	1,271	1,228	1,231	1,212	21	6	19	11	-	-
Other craftsmen and kindred workers .....	1,812	1,898	1,652	1,748	135	95	23	48	2	7
Foremen, not elsewhere classified .....	1,417	1,400	1,303	1,300	110	94	4	5	-	-
Operatives .....	13,630	13,610	8,817	8,802	3,884	3,874	731	735	196	200
Drivers and deliverymen .....	2,541	2,474	2,339	2,302	66	59	133	110	2	3
Other operatives .....	11,090	11,137	6,478	6,501	3,818	3,816	598	625	194	197
Durable goods manufacturing .....	4,635	4,779	3,188	3,249	1,230	1,246	150	216	66	69
Nondurable goods manufacturing .....	3,716	3,537	1,574	1,501	1,911	1,831	146	105	85	101
Other industries .....	2,739	2,821	1,716	1,751	677	739	302	304	43	27
Nonfarm laborers .....	3,091	3,098	2,492	2,474	95	79	490	538	15	7
Construction .....	548	559	492	516	1	-	55	44	-	-
Manufacturing .....	1,002	1,037	856	883	66	46	73	104	9	4
Other industries .....	1,541	1,502	1,144	1,075	28	33	362	390	6	4
<b>Service workers</b> .....	9,107	9,201	2,895	2,904	5,091	5,204	406	394	713	699
Private household workers .....	1,668	1,811	25	31	1,339	1,476	10	5	293	299
Service workers, except private household ..	7,439	7,390	2,870	2,873	3,752	3,728	396	389	420	400
Protective service workers .....	901	860	854	824	37	30	7	6	3	-
Waiters, cooks, and bartenders .....	1,977	1,995	443	429	1,254	1,266	78	92	201	208
Other service workers .....	4,562	4,535	1,572	1,621	2,461	2,433	311	290	216	191
<b>Farm workers</b> .....	3,045	3,112	2,473	2,478	367	389	181	219	24	26
Farmers and farm managers .....	1,855	1,907	1,763	1,778	78	114	12	12	2	3
Farm laborers and foremen .....	1,190	1,205	710	700	289	275	169	207	22	23
Paid workers .....	863	830	675	647	74	73	101	97	12	12
Unpaid family workers .....	327	374	34	53	215	201	68	110	10	11

# HOUSEHOLD DATA

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

(Percent distribution)

Occupation group and color	Total		Male		Female	
	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967	Jan. 1968	Jan. 1967
<b>TOTAL</b>						
Total employed (thousands) .....	73,273	72,160	46,472	46,088	26,801	26,073
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	47.5	46.5	40.2	39.5	60.1	58.9
Professional and technical .....	14.0	13.7	13.6	13.4	14.7	14.3
Managers, officials, and proprietors .....	10.3	9.9	13.8	13.1	4.3	4.3
Clerical workers .....	17.2	16.8	7.2	7.4	34.4	33.4
Sales workers .....	6.0	6.1	5.6	5.7	6.7	7.0
<b>Blue-collar workers</b> .....	35.9	36.5	47.0	47.5	16.8	16.9
Craftsmen and foremen .....	13.1	13.3	20.0	20.3	1.1	.9
Operatives .....	18.6	18.9	20.5	20.7	15.2	15.6
Nonfarm laborers .....	4.2	4.3	6.4	6.5	.4	.3
<b>Service workers</b> .....	12.4	12.8	7.1	7.2	21.7	22.6
Private household workers .....	2.3	2.5	.1	.1	6.1	6.8
Other service workers .....	10.2	10.2	7.0	7.1	15.6	15.8
<b>Farm workers</b> .....	4.2	4.3	5.7	5.9	1.5	1.6
Farmers and farm managers .....	2.5	2.6	3.8	3.9	.3	.4
Farm laborers and foremen .....	1.6	1.7	1.9	2.0	1.2	1.1
<b>WHITE</b>						
Total employed (thousands) .....	65,546	64,480	42,006	41,631	23,540	22,849
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	50.2	49.3	42.4	41.7	64.1	63.1
Professional and technical .....	14.6	14.4	14.3	14.1	15.3	15.0
Managers, officials, and proprietors .....	11.2	10.8	14.9	14.1	4.7	4.6
Clerical workers .....	17.8	17.4	7.2	7.4	36.7	35.8
Sales workers .....	6.5	6.7	6.0	6.1	7.4	7.7
<b>Blue-collar workers</b> .....	35.3	35.8	45.8	46.2	16.6	16.8
Craftsmen and foremen .....	13.7	13.9	20.8	21.0	1.2	1.0
Operatives .....	18.1	18.3	19.8	19.9	15.0	15.5
Nonfarm laborers .....	3.5	3.5	5.3	5.3	.4	.3
<b>Service workers</b> .....	10.3	10.6	6.1	6.3	17.8	18.5
Private household workers .....	1.4	1.5	.1	.1	3.8	4.0
Other service workers .....	9.0	9.2	6.1	6.2	14.1	14.5
<b>Farm workers</b> .....	4.2	4.3	5.6	5.8	1.5	1.6
Farmers and farm managers .....	2.7	2.8	4.0	4.1	.3	.5
Farm laborers and foremen .....	1.5	1.5	1.6	1.7	1.2	1.1
<b>NONWHITE</b>						
Total employed (thousands) .....	7,727	7,680	4,466	4,456	3,261	3,224
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	24.6	22.8	19.7	18.2	31.4	29.1
Professional and technical .....	8.4	7.4	6.9	6.1	10.4	9.4
Managers, officials, and proprietors .....	2.9	2.5	4.0	3.1	1.3	1.7
Clerical workers .....	11.6	11.1	7.3	7.7	17.5	15.9
Sales workers .....	1.8	1.7	1.6	1.4	2.2	2.1
<b>Blue-collar workers</b> .....	41.1	42.3	57.8	60.0	18.2	17.8
Craftsmen and foremen .....	7.8	8.2	12.9	13.7	.8	.5
Operatives .....	23.1	23.4	27.8	28.3	16.7	16.6
Nonfarm laborers .....	10.2	10.7	17.2	18.0	.7	.7
<b>Service workers</b> .....	30.1	30.6	16.2	15.3	49.2	51.8
Private household workers .....	9.8	11.4	.3	.3	22.9	26.7
Other service workers .....	20.3	19.3	15.9	15.0	26.3	25.2
<b>Farm workers</b> .....	4.2	4.3	6.3	6.4	1.2	1.3
Farmers and farm managers .....	1.2	1.0	1.9	1.7	.1	.1
Farm laborers and foremen .....	3.0	3.3	4.3	4.7	1.1	1.2

1/ Less than 0.05 percent

# HOUSEHOLD DATA

**A-18: Employed persons by class of worker, age, and sex**  
**January 1968**  
(In thousands)

Age and sex	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
<b>Total</b> .....	<b>64,512</b>	<b>1,772</b>	<b>11,616</b>	<b>51,124</b>	<b>4,915</b>	<b>480</b>	<b>1,127</b>	<b>1,901</b>	<b>338</b>
16 to 19 years.....	4,523	329	443	3,751	66	24	129	17	78
16 and 17 years.....	1,665	239	126	1,229	41	19	74	5	56
18 and 19 years.....	2,858	90	316	2,452	25	5	55	12	22
20 to 24 years.....	8,034	118	1,380	6,536	114	8	150	54	22
25 to 34 years.....	13,658	161	2,345	11,151	599	49	213	218	52
35 to 44 years.....	14,240	248	2,653	11,338	1,181	128	203	333	51
45 to 54 years.....	13,610	343	2,677	10,590	1,306	151	201	486	73
55 to 64 years.....	8,531	343	1,823	6,365	1,108	95	170	481	45
55 to 59 years.....	5,139	192	1,089	3,858	626	49	102	253	27
60 to 64 years.....	3,392	151	733	2,507	482	46	69	228	18
65 years and over.....	1,917	229	296	1,393	541	24	61	313	18
<b>Male</b> .....	<b>39,750</b>	<b>121</b>	<b>6,325</b>	<b>33,304</b>	<b>3,787</b>	<b>37</b>	<b>985</b>	<b>1,811</b>	<b>103</b>
16 to 19 years.....	2,294	36	178	2,081	40	16	114	15	68
16 and 17 years.....	942	29	62	851	28	13	69	3	48
18 and 19 years.....	1,352	7	116	1,229	12	3	44	12	19
20 to 24 years.....	4,349	8	572	3,769	71	7	136	53	13
25 to 34 years.....	9,297	2	1,365	7,929	457	--	186	207	4
35 to 44 years.....	9,099	9	1,550	7,539	944	2	169	312	4
45 to 54 years.....	8,312	13	1,493	6,806	1,013	2	165	462	5
55 to 64 years.....	5,215	27	983	4,205	881	2	154	457	2
55 to 59 years.....	3,106	19	582	2,505	506	2	94	240	2
60 to 64 years.....	2,109	8	401	1,700	375	--	60	217	--
65 years and over.....	1,184	26	183	975	381	9	60	305	8
<b>Female</b> .....	<b>24,762</b>	<b>1,651</b>	<b>5,291</b>	<b>17,820</b>	<b>1,128</b>	<b>443</b>	<b>142</b>	<b>91</b>	<b>235</b>
16 to 19 years.....	2,229	294	265	1,670	25	9	15	2	10
16 and 17 years.....	723	210	64	448	13	6	4	2	8
18 and 19 years.....	1,506	83	200	1,222	12	3	11	--	2
20 to 24 years.....	3,685	110	807	2,768	44	1	14	1	9
25 to 34 years.....	4,361	159	980	3,222	142	50	27	11	47
35 to 44 years.....	5,141	238	1,103	3,799	237	126	33	21	47
45 to 54 years.....	5,298	330	1,184	3,784	293	150	36	24	69
55 to 64 years.....	3,316	317	839	2,160	227	93	16	24	43
55 to 59 years.....	2,033	173	507	1,353	120	47	7	13	25
60 to 64 years.....	1,283	144	332	807	107	46	9	11	18
65 years and over.....	733	203	112	418	160	15	1	8	10

# HOUSEHOLD DATA

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

(In thousands)

Reason not working	All industries		Nonagricultural industries					
	Jan. 1968	Jan. 3/ 1967	Total		Wage and salary workers <sup>1</sup>			
			Jan. 1968	Jan. 3/ 1967	Paid absence <sup>2</sup>		Unpaid absence <sup>2</sup>	
					Jan. 1968	Jan. 3/ 1967	Jan. 1968	Jan. 3/ 1967
<b>Total</b> .....	3,679	2,430	3,377	2,223	981	740	1,769	1,093
Vacation .....	495	406	486	383	316	250	105	84
Illness .....	1,748	1,205	1,676	1,141	524	395	904	593
Bad weather .....	827	196	633	130	-	-	-	-
Industrial dispute .....	87	45	87	45	--	-	-	-
All other reasons .....	522	578	495	523	141	95	759	416
<b>Male</b> .....	2,400	1,533	2,120	1,343	658	481	1,073	616
Vacation .....	324	279	316	258	221	187	56	44
Illness .....	1,003	717	939	658	338	242	479	318
All other reasons .....	1,073	537	865	427	99	52	538	254
<b>Female</b> .....	1,278	897	1,257	880	324	258	697	476
Vacation .....	171	126	170	125	95	63	50	40
Illness .....	745	489	737	483	186	153	426	275
All other reasons .....	362	282	350	272	43	42	221	161

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

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

<sup>3</sup>Revised

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

January 1968

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
<b>Total at work</b> .....	69,595	66,531	3,064	100.0	100.0	100.0
1-34 hours .....	16,009	14,753	1,256	23.0	22.2	41.0
1-4 hours .....	715	664	51	1.0	1.0	1.7
5-14 hours .....	3,657	3,244	414	5.3	4.9	13.5
15-29 hours .....	7,697	7,099	597	11.1	10.7	19.5
30-34 hours .....	3,940	3,746	194	5.7	5.6	6.3
35 hours and over .....	53,586	51,777	1,807	77.0	77.8	59.0
35-39 hours .....	4,543	4,378	165	6.5	6.6	5.4
40 hours .....	27,975	27,653	322	40.2	41.6	10.5
41 hours and over .....	21,068	19,746	1,320	30.3	29.7	43.1
41 to 48 hours .....	9,279	9,035	243	13.3	13.6	7.9
49 to 59 hours .....	6,603	6,186	416	9.5	9.3	13.6
60 hours and over .....	5,186	4,525	661	7.5	6.8	21.6
Average hours, total at work .....	39.3	39.2	40.0	-	-	-
Average hours, workers on full-time schedules .....	43.1	42.9	48.4	-	-	-

# HOUSEHOLD DATA

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

January 1968  
(In thousands)

Reasons working part time	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total . . . . .	16,009	6,587	9,422	14,753	5,872	8,881
Economic reasons . . . . .	1,878	1,101	777	1,525	805	720
Slack work . . . . .	1,132	886	246	811	599	212
Material shortages or repairs to plant and equipment . . . . .	55	55	-	55	55	-
New job started during week . . . . .	130	130	-	125	125	-
Job terminated during week . . . . .	30	30	-	26	26	-
Could find only part-time work . . . . .	531	-	531	508	-	508
Other reasons . . . . .	14,131	5,486	8,645	13,228	5,067	8,161
Does not want, or unavailable for, full-time work . . . . .	6,879	-	6,879	6,535	-	6,535
Vacation . . . . .	267	267	-	260	260	6,535
Illness . . . . .	2,295	2,099	196	2,203	2,048	155
Bad weather . . . . .	2,207	2,207	-	1,882	1,882	-
Industrial dispute . . . . .	23	23	-	23	23	-
Legal or religious holiday . . . . .	9	9	-	9	9	-
Full time for this job . . . . .	1,216	-	1,216	1,178	-	1,178
All other reasons . . . . .	1,236	881	355	1,138	844	294
Average hours:						
Economic reasons . . . . .	20.1	22.1	17.3	20.6	23.5	17.4
Other reasons . . . . .	20.2	24.5	17.4	20.2	24.8	17.4
Worked 30 to 34 hours:						
Economic reasons . . . . .	461	353	108	411	310	101
Other reasons . . . . .	3,479	2,261	1,218	3,335	2,167	1,168

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

January 1968

Industry	Percent distribution							Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total <sup>1/</sup> . . . . .	100.0	2.3	12.3	85.5	55.8	13.6	16.1	39.2	42.9
Wage and salary workers . . . . .	100.0	2.2	12.0	85.7	58.0	13.7	14.0	38.8	42.2
Construction . . . . .	100.0	3.4	3.0	93.6	72.0	11.1	10.5	37.5	38.7
Manufacturing . . . . .	100.0	2.2	2.7	95.1	66.6	16.1	12.4	40.7	41.7
Durable goods . . . . .	100.0	1.3	1.3	97.4	66.9	17.2	13.3	41.5	42.0
Nondurable goods . . . . .	100.0	3.5	4.8	91.6	66.1	14.5	11.0	39.5	41.2
Transportation and public utilities . . . . .	100.0	1.4	5.8	92.8	62.2	13.9	16.7	41.4	43.1
Wholesale and retail trade . . . . .	100.0	2.8	21.8	75.4	41.8	16.2	17.4	37.8	44.1
Finance, insurance, and real estate . . . . .	100.0	.6	8.7	90.7	65.4	11.5	13.8	39.7	41.8
Service industries . . . . .	100.0	2.6	22.5	75.0	50.3	10.6	14.1	36.0	42.4
Private households . . . . .	100.0	10.9	50.1	38.9	25.6	5.9	7.4	24.6	42.8
All other service . . . . .	100.0	1.6	19.3	79.1	53.1	11.1	14.9	37.3	42.4
Public administration . . . . .	100.0	.4	5.2	94.4	72.7	10.8	10.9	40.2	41.5
Self-employed workers . . . . .	100.0	3.5	13.1	83.3	27.3	12.1	43.9	45.4	51.4
Unpaid family workers . . . . .	100.0	1.7	39.2	59.1	26.0	7.5	25.6	38.4	50.2

<sup>1/</sup>Mining not shown separately but included in totals.

# HOUSEHOLD DATA

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

January 1968

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
(In thousands)								
<b>TOTAL</b>								
<b>Total, 16 years and over</b> .....	66,531	1,525	8,161	56,845	37,099	19,746	39.2	42.9
16 to 21 years .....	7,499	273	2,878	4,348	3,429	919	29.4	39.9
16 to 19 years .....	4,442	171	2,324	1,947	1,566	381	25.5	39.5
16 and 17 years .....	1,657	44	1,376	237	188	49	16.6	38.2
18 and 19 years .....	2,785	127	948	1,710	1,379	331	30.7	39.7
20 years and over .....	62,088	1,354	5,837	54,897	35,530	19,367	40.2	43.0
20 to 24 years .....	7,823	211	940	6,672	4,889	1,783	37.5	40.9
25 years and over .....	54,265	1,143	4,897	48,225	30,641	17,584	40.6	43.3
25 to 44 years .....	28,631	485	2,194	25,952	16,147	9,805	41.2	43.5
45 to 64 years .....	23,391	578	1,894	20,919	13,613	7,306	40.6	43.0
65 years and over .....	2,244	82	809	1,353	878	475	32.8	43.7
<b>Males, 16 years and over</b> .....	41,454	696	2,629	38,129	22,092	16,037	42.1	44.3
16 to 21 years .....	3,748	142	1,542	2,064	1,485	579	29.5	40.8
16 to 19 years .....	2,260	87	1,261	912	681	231	25.4	40.2
16 and 17 years .....	945	31	770	144	117	27	17.9	37.9
18 and 19 years .....	1,314	56	490	768	564	204	30.8	40.7
20 years and over .....	39,195	610	1,369	37,216	21,409	15,807	43.1	44.4
20 to 24 years .....	4,251	109	445	3,697	2,398	1,299	39.2	42.5
25 years and over .....	34,944	501	924	33,519	19,011	14,508	43.6	44.6
25 to 44 years .....	19,027	216	197	18,614	10,184	8,430	44.5	45.0
45 to 64 years .....	14,507	228	281	13,998	8,256	5,742	43.3	44.2
65 years and over .....	1,410	55	446	909	572	337	34.2	43.8
<b>Females, 16 years and over</b> .....	25,076	829	5,532	18,715	15,006	3,709	34.4	39.9
16 to 21 years .....	3,750	132	1,337	2,281	1,941	340	29.3	39.1
16 to 19 years .....	2,182	84	1,064	1,034	885	149	25.5	39.0
16 and 17 years .....	711	13	606	92	69	23	15.0	38.6
18 and 19 years .....	1,471	71	457	943	816	127	30.7	39.0
20 years and over .....	22,894	745	4,468	17,681	14,121	3,560	35.2	40.0
20 to 24 years .....	3,572	102	496	2,974	2,490	484	35.5	39.0
25 years and over .....	19,322	643	3,972	14,707	11,631	3,076	35.2	40.2
25 to 44 years .....	9,603	268	1,996	7,339	5,965	1,374	34.7	39.5
45 to 64 years .....	8,885	349	1,612	6,924	5,360	1,564	36.2	40.7
65 years and over .....	834	26	364	444	307	137	30.5	43.6
<b>COLOR</b>								
<b>Total White</b> .....	59,663	1,153	7,408	51,102	32,656	18,446	39.5	43.2
Male .....	37,565	564	2,426	34,575	19,492	15,083	42.5	44.6
Female .....	22,098	589	4,982	16,527	13,163	3,364	34.5	40.1
<b>Total Nonwhite</b> .....	6,868	372	753	5,743	4,442	1,301	36.6	40.2
Male .....	3,889	132	203	3,554	2,599	955	39.0	41.0
Female .....	2,979	240	550	2,189	1,843	346	33.5	38.9
<b>MARITAL STATUS</b>								
<b>Male:</b>								
Married, wife present .....	33,346	446	837	32,063	18,025	14,038	43.7	44.7
Widowed, divorced, or separated .....	2,002	76	113	1,813	1,113	700	41.1	43.6
Single (never married) .....	6,107	175	1,679	4,253	2,953	1,300	34.0	41.8
<b>Female:</b>								
Married, husband present .....	14,756	493	3,443	10,820	8,754	2,066	34.3	39.8
Widowed, divorced, or separated .....	4,859	216	719	3,924	2,979	945	36.6	40.7
Single (never married) .....	5,462	121	1,370	3,971	3,273	698	32.8	39.7



# HOUSEHOLD DATA

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

January 1968

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules		
				Total	40 hours or less	41 hours or more
(Percent distribution)						
<b>TOTAL</b>						
Total, 16 years and over.....	100.0	2.3	12.3	85.5	55.8	29.7
16 to 21 years.....	100.0	3.6	38.4	58.0	45.7	12.3
16 to 19 years.....	100.0	3.8	52.3	43.9	35.3	8.6
16 and 17 years.....	100.0	2.7	83.0	14.3	11.3	3.0
18 and 19 years.....	100.0	4.6	34.0	61.4	49.5	11.9
20 years and over.....	100.0	2.2	9.4	88.4	57.2	31.2
20 to 24 years.....	100.0	2.7	12.0	85.3	62.5	22.8
25 years and over.....	100.0	2.1	9.0	88.9	56.5	32.4
25 to 44 years.....	100.0	1.7	7.7	90.6	56.4	34.2
45 to 64 years.....	100.0	2.5	8.1	89.4	58.2	31.2
65 years and over.....	100.0	3.7	36.1	60.3	39.1	21.2
<b>Males, 16 years and over.....</b>	<b>100.0</b>	<b>1.7</b>	<b>6.3</b>	<b>92.0</b>	<b>53.3</b>	<b>38.7</b>
16 to 21 years.....	100.0	3.8	41.1	55.0	39.6	15.4
16 and 19 years.....	100.0	3.8	55.8	40.3	30.1	10.2
16 and 17 years.....	100.0	3.3	81.5	15.3	12.4	2.9
18 and 19 years.....	100.0	4.3	37.3	58.4	42.9	15.5
20 years and over.....	100.0	1.6	3.5	94.9	54.6	40.3
20 to 24 years.....	100.0	2.6	10.5	87.0	56.4	30.6
25 years and over.....	100.0	1.4	2.6	95.9	54.4	41.5
25 to 44 years.....	100.0	1.1	1.0	97.8	53.5	44.3
45 to 64 years.....	100.0	1.6	1.9	96.5	56.9	39.6
65 years and over.....	100.0	3.9	31.6	64.5	40.6	23.9
<b>Females, 16 years and over.....</b>	<b>100.0</b>	<b>3.3</b>	<b>22.1</b>	<b>74.6</b>	<b>59.8</b>	<b>14.8</b>
16 to 21 years.....	100.0	3.5	35.7	60.9	51.8	9.1
16 to 19 years.....	100.0	3.8	48.8	47.4	40.6	6.8
16 and 17 years.....	100.0	1.8	85.2	12.9	9.7	3.2
18 and 19 years.....	100.0	4.8	31.1	64.1	55.5	8.6
20 years and over.....	100.0	3.3	19.5	77.2	61.7	15.5
20 to 24 years.....	100.0	2.9	13.9	83.2	69.7	13.5
25 years and over.....	100.0	3.3	20.6	76.1	60.2	15.9
25 to 44 years.....	100.0	2.8	20.8	76.4	62.1	14.3
45 to 64 years.....	100.0	3.9	18.1	77.9	60.3	17.6
65 years and over.....	100.0	3.1	43.6	53.2	36.8	16.4
<b>COLOR</b>						
Total White.....	100.0	1.9	12.4	85.6	54.7	30.9
Male.....	100.0	1.5	6.5	92.1	51.9	40.2
Female.....	100.0	2.7	22.5	74.8	59.6	15.2
Total Nonwhite.....	100.0	5.4	11.0	83.6	64.7	18.9
Male.....	100.0	3.4	5.2	91.4	66.8	24.6
Female.....	100.0	8.1	18.5	73.5	61.9	11.6
<b>MARITAL STATUS</b>						
<b>Male:</b>						
Married, wife present.....	100.0	1.3	2.5	96.2	54.1	42.1
Widowed, divorced, or separated.....	100.0	3.8	5.6	90.6	55.6	35.0
Single (never married).....	100.0	2.9	27.5	69.7	48.4	21.3
<b>Female:</b>						
Married, husband present.....	100.0	3.3	23.3	73.3	59.3	14.0
Widowed, divorced, or separated.....	100.0	4.4	14.8	80.7	61.3	19.4
Single (never married).....	100.0	2.2	25.1	72.7	59.9	12.8

# HOUSEHOLD DATA

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

January 1968

Occupation group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
				(Thousands of persons)					
<b>TOTAL</b>									
White-collar workers.....	33,472	346	4,210	8,916	18,196	4,247	6,473	40.2	43.7
Professional and technical.....	9,914	65	1,119	8,730	5,273	1,278	2,179	40.6	43.8
Managers, officials, and proprietors.....	7,197	47	263	6,887	2,808	1,194	2,885	47.6	48.9
Clerical workers.....	12,201	135	1,870	10,196	8,390	1,200	606	36.4	39.9
Sales workers.....	4,160	99	958	3,103	1,724	576	803	37.5	44.1
Blue-collar workers.....	24,725	781	1,393	22,551	15,269	3,940	3,342	39.8	41.8
Craftsmen and foremen.....	8,996	171	185	8,640	5,555	1,699	1,386	41.4	42.3
Operatives.....	12,910	467	777	11,666	8,003	1,939	1,724	39.7	41.8
Nonfarm laborers.....	2,819	143	431	2,245	1,711	302	232	34.6	39.3
Service workers.....	8,633	422	2,594	5,617	3,766	877	974	33.9	43.1
Private household.....	1,546	171	778	597	401	89	107	24.5	42.5
Other service workers.....	7,088	251	1,816	5,021	3,366	788	867	35.9	43.2
<b>MALE</b>									
White-collar workers.....	18,014	120	1,033	16,861	8,527	2,891	5,443	44.4	46.2
Professional and technical.....	6,122	38	337	5,747	3,177	884	1,686	43.7	45.5
Managers, officials, and proprietors.....	6,118	37	147	5,934	2,250	1,047	2,637	48.5	49.4
Clerical workers.....	3,281	17	271	2,993	2,087	513	393	39.6	41.8
Sales workers.....	2,494	28	277	2,189	1,017	446	726	42.2	45.8
Blue-collar workers.....	20,477	513	1,058	18,906	12,148	3,508	3,250	40.6	42.4
Craftsmen and foremen.....	8,714	165	161	8,388	5,357	1,657	1,374	41.5	42.4
Operatives.....	9,049	210	476	8,363	5,159	1,557	1,647	41.5	43.3
Nonfarm laborers.....	2,715	137	420	2,158	1,634	294	230	34.6	39.3
Service workers.....	3,188	87	554	2,547	1,507	425	605	39.4	45.3
Private household.....	33	7	13	13	7	2	4	26.5	46.3
Other service workers.....	3,155	81	541	2,533	1,498	433	602	39.5	45.3
<b>FEMALE</b>									
White-collar workers.....	15,458	226	3,178	12,054	9,667	1,357	1,030	35.3	40.1
Professional and technical.....	3,792	27	782	2,983	2,097	393	493	35.5	40.5
Managers, officials, and proprietors.....	1,079	11	116	952	559	146	247	42.7	45.8
Clerical workers.....	8,921	117	1,599	7,205	6,304	687	214	35.3	39.1
Sales workers.....	1,667	71	681	915	708	130	77	30.5	40.1
Blue-collar workers.....	4,248	269	335	3,644	3,121	432	91	35.9	38.3
Craftsmen and foremen.....	281	6	24	251	197	42	12	38.2	40.0
Operatives.....	3,862	257	301	3,304	2,845	382	77	35.7	38.2
Nonfarm laborers.....	105	5	11	89	78	8	3	35.4	38.5
Service workers.....	5,445	334	2,040	3,071	2,260	442	369	30.6	41.4
Private household.....	1,513	164	765	584	394	87	103	24.5	42.4
Other service workers.....	3,932	170	1,275	2,487	1,866	355	266	33.0	41.1

HOUSEHOLD DATA

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

January 1968

Occupation group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			
				Total	40 hours or less	41 to 48 hours	49 hours or more
(Percent distribution)							
<b>TOTAL</b>							
White-collar workers .....	100.0	1.0	12.6	86.4	54.4	12.7	19.3
Professional and technical .....	100.0	.7	11.3	88.1	53.2	12.9	22.0
Managers, officials, and proprietors .....	100.0	.7	3.7	95.7	39.0	16.6	40.1
Clerical workers .....	100.0	1.1	15.3	83.6	68.8	9.8	5.0
Sales workers .....	100.0	2.4	23.0	74.5	41.4	13.8	19.3
Blue-collar workers .....	100.0	3.2	5.6	91.2	61.8	15.9	13.5
Craftsmen and foremen .....	100.0	1.9	2.1	96.0	61.7	18.9	15.4
Operatives .....	100.0	3.6	6.0	90.4	62.0	15.0	13.4
Nonfarm laborers .....	100.0	5.1	15.3	79.6	60.7	10.7	8.2
Service workers .....	100.0	4.9	30.0	65.1	43.6	10.2	11.3
Private household .....	100.0	11.1	50.3	38.6	25.9	5.8	6.9
Other service workers .....	100.0	3.5	25.6	70.8	47.5	11.1	12.2
<b>MALE</b>							
White-collar workers .....	100.0	.7	5.7	93.5	47.3	16.0	30.2
Professional and technical .....	100.0	.6	5.5	93.8	51.9	14.4	27.5
Managers, officials, and proprietors .....	100.0	.6	2.4	97.0	36.8	17.1	43.1
Clerical workers .....	100.0	.5	8.3	91.2	63.6	15.6	12.0
Sales workers .....	100.0	1.1	11.1	87.8	40.8	17.9	29.1
Blue-collar workers .....	100.0	2.5	5.2	92.3	59.3	17.1	15.9
Craftsmen and foremen .....	100.0	1.9	1.8	96.3	61.5	19.0	15.8
Operatives .....	100.0	2.3	5.3	92.4	57.0	17.2	18.2
Nonfarm laborers .....	100.0	5.0	15.5	79.5	60.2	10.8	8.5
Service workers .....	100.0	2.7	17.4	79.9	47.3	13.6	19.0
Private household .....	100.0	21.2	39.4	39.4	21.2	6.1	12.1
Other service workers .....	100.0	2.6	17.1	80.3	47.5	13.7	19.1
<b>FEMALE</b>							
White-collar workers .....	100.0	1.5	20.6	78.0	62.5	8.8	6.7
Professional and technical .....	100.0	.7	20.6	78.7	55.3	10.4	13.0
Managers, officials, and proprietors .....	100.0	1.0	10.8	88.2	51.8	13.5	22.9
Clerical workers .....	100.0	1.3	17.9	80.8	70.7	7.7	2.4
Sales workers .....	100.0	4.3	40.9	54.9	42.5	7.8	4.6
Blue-collar workers .....	100.0	6.3	7.9	85.8	73.5	10.2	2.1
Craftsmen and foremen .....	100.0	2.1	8.5	89.3	70.1	14.9	4.3
Operatives .....	100.0	6.7	7.8	85.6	73.7	9.9	2.0
Nonfarm laborers .....	100.0	4.8	10.5	84.8	74.3	7.6	2.9
Service workers .....	100.0	6.1	37.5	56.4	41.5	8.1	6.8
Private household .....	100.0	10.8	50.6	38.6	26.0	5.8	6.8
Other service workers .....	100.0	4.3	32.4	63.3	47.5	9.0	6.8

# HOUSEHOLD DATA

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

January 1968  
(In thousands)

Employment status	Total			White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population....	7,562	3,831	3,731	6,528	3,318	3,211	1,034	513	520
Civilian labor force.....	972	538	434	904	495	409	68	42	26
Employed .....	918	502	415	862	467	394	56	35	21
Agriculture.....	83	76	7	80	73	6	3	3	1
Nonagricultural industries.....	835	426	409	782	394	388	53	32	21
Unemployed .....	55	36	19	42	28	14	12	8	5
Not in labor force .....	6,590	3,293	3,297	5,624	2,822	2,802	965	471	494
Keeping house.....	49	13	36	40	13	27	9	-	9
Going to school.....	6,436	3,227	3,209	5,508	2,773	2,735	928	454	474
Unable to work.....	16	6	10	14	4	10	2	2	-
All other reasons.....	89	48	41	62	32	30	27	15	12

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

January 1968

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
<b>CLASS OF WORKER</b>						
Total.....	918	502	415	100.0	100.0	100.0
Nonagricultural industries.....	835	426	409	90.9	84.8	98.3
Wage and salary workers.....	738	346	392	80.5	69.1	94.2
Private household workers.....	390	63	327	42.5	12.6	78.6
Government workers.....	27	13	14	2.9	2.6	3.4
Other wage and salary workers.....	321	270	51	35.0	53.9	12.3
Self-employed workers.....	86	73	13	9.4	14.6	3.1
Unpaid family workers.....	10	6	4	1.1	1.2	1.0
Agriculture.....	83	76	7	9.1	15.2	1.7
Wage and salary workers.....	35	32	3	3.8	6.4	.7
Self-employed workers.....	3	3	--	.3	.6	--
Unpaid family workers.....	45	41	4	4.9	8.2	1.0
<b>OCCUPATION</b>						
Total.....	918	502	415	100.0	100.0	100.0
White-collar workers.....	235	199	35	25.5	39.7	8.7
Professional and technical.....	10	5	6	1.1	1.0	1.4
Managers, officials, and proprietors.....	--	--	--	--	--	--
Clerical workers.....	29	14	15	3.2	2.8	3.6
Sales workers.....	195	180	15	21.2	35.9	3.6
Blue-collar workers.....	151	142	10	16.5	28.1	2.4
Craftsmen and foremen.....	5	3	1	.5	.6	.2
Operatives.....	47	40	7	5.1	8.0	1.7
Nonfarm laborers.....	100	98	2	10.9	19.6	.5
Service workers.....	452	89	363	49.3	17.8	87.3
Private household workers.....	342	15	326	37.2	3.0	78.4
Other service workers.....	111	74	37	12.1	14.8	8.9
Farm workers.....	79	72	7	8.7	14.4	1.7
Farmers and farm managers.....	2	2	--	.2	.4	--
Farm laborers and foremen.....	78	70	7	8.5	14.0	1.7

## HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Employment status, age, and sex	1966	1967											
	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
<b>Total</b>													
Total labor force.....	81,386	81,942	81,459	81,535	81,263	81,057	80,944	80,658	79,958	80,263	80,112	80,339	80,319
Civilian labor force.....	77,923	78,473	77,989	78,072	77,807	77,598	77,495	77,214	76,502	76,814	76,676	76,921	76,933
Employed.....	75,167	75,577	75,005	74,735	74,638	74,664	74,478	74,169	73,550	73,939	73,822	74,063	74,094
Agriculture.....	4,003	4,216	3,839	3,718	3,697	3,956	3,847	3,739	3,728	3,843	3,858	3,876	3,990
Nonagricultural industries.....	71,164	71,361	71,166	71,017	70,941	70,708	70,631	70,430	69,822	70,096	69,964	70,187	70,104
On part time for economic reasons.....	1,537	1,807	1,950	1,866	1,967	1,916	1,933	1,932	1,541	2,017	2,041	2,030	1,894
Usually work full time.....	729	944	1,108	976	1,094	1,023	1,049	1,063	903	1,178	1,192	1,137	1,035
Usually work part time.....	808	863	842	890	873	893	884	869	638	839	849	893	859
Unemployed.....	2,756	2,896	2,984	3,337	3,169	2,934	3,017	3,045	2,952	2,875	2,854	2,858	2,839
<b>Men, 20 years and over</b>													
Total labor force.....	47,538	48,555	48,350	48,365	48,269	48,295	48,270	48,191	47,988	48,003	47,944	48,040	48,010
Civilian labor force.....	45,770	45,783	45,578	45,598	45,506	45,489	45,430	45,309	45,089	45,109	45,070	45,181	45,168
Employed.....	44,740	44,775	44,506	44,460	44,468	44,421	44,346	44,174	43,989	44,052	44,025	44,176	44,143
Agriculture.....	2,931	2,951	2,834	2,793	2,798	2,819	2,799	2,744	2,778	2,830	2,810	2,857	2,861
Nonagricultural industries.....	41,809	41,824	41,672	41,667	41,670	41,602	41,547	41,430	41,211	41,222	41,215	41,319	41,282
Unemployed.....	1,030	1,008	1,072	1,138	1,038	1,068	1,084	1,135	1,100	1,057	1,045	1,005	1,025
<b>Women, 20 years and over</b>													
Civilian labor force.....	25,810	26,348	26,068	26,063	25,918	25,572	25,529	25,230	24,926	25,082	24,945	25,064	25,144
Employed.....	24,802	25,273	25,036	24,811	24,640	24,577	24,436	24,168	23,900	24,061	23,924	24,052	24,067
Agriculture.....	683	825	625	575	517	699	614	584	572	615	626	631	688
Nonagricultural industries.....	24,119	24,448	24,411	24,236	24,123	23,878	23,822	23,584	23,328	23,446	23,298	23,421	23,379
Unemployed.....	1,008	1,075	1,032	1,252	1,278	995	1,093	1,062	1,026	1,021	1,021	1,012	1,077
<b>Both sexes, 16-19 years</b>													
Civilian labor force.....	6,343	6,342	6,343	6,411	6,383	6,537	6,536	6,675	6,487	6,623	6,661	6,676	6,621
Employed.....	5,625	5,529	5,463	5,464	5,530	5,666	5,696	5,827	5,661	5,826	5,873	5,835	5,884
Agriculture.....	389	440	380	350	382	438	434	411	378	398	422	388	441
Nonagricultural industries.....	5,236	5,089	5,083	5,114	5,148	5,228	5,262	5,416	5,283	5,428	5,451	5,447	5,443
Unemployed.....	718	813	880	947	853	871	840	848	826	797	788	841	737

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

# HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Characteristics	1968		1967										
	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
<b>WHITE</b>													
Total:													
Civilian labor force .....	69,355	69,686	69,387	69,293	69,092	68,904	68,687	68,422	67,759	67,908	68,205	68,465	68,382
Employed .....	67,154	67,391	67,033	66,717	66,626	66,541	66,292	66,034	65,488	65,648	65,992	66,235	66,119
Unemployed .....	2,201	2,295	2,354	2,576	2,466	2,363	2,395	2,388	2,271	2,260	2,213	2,230	2,263
Unemployment rate .....	3.2	3.3	3.4	3.7	3.6	3.4	3.5	3.5	3.4	3.3	3.2	3.3	3.3
Males, 20 years and over:													
Civilian labor force .....	41,260	41,295	41,126	41,088	41,011	40,988	40,868	40,760	40,478	40,303	40,632	40,752	40,661
Employed .....	40,425	40,448	40,237	40,176	40,144	40,110	39,968	39,831	39,591	39,434	39,794	39,944	39,830
Unemployed .....	835	847	889	912	867	878	900	929	887	869	838	808	831
Unemployment rate .....	2.0	2.1	2.2	2.2	2.1	2.1	2.2	2.3	2.2	2.2	2.1	2.0	2.0
Females, 20 years and over:													
Civilian labor force .....	22,467	22,812	22,694	22,588	22,484	22,206	22,087	21,814	21,607	21,740	21,623	21,719	21,805
Employed .....	21,669	21,997	21,898	21,618	21,511	21,369	21,237	21,002	20,805	20,956	20,851	20,950	20,947
Unemployed .....	798	815	796	970	973	837	850	812	802	784	772	769	858
Unemployment rate .....	3.6	3.6	3.5	4.3	4.3	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.9
Both sexes, 16 to 19 years:													
Civilian labor force .....	5,628	5,579	5,567	5,617	5,597	5,710	5,732	5,848	5,674	5,865	5,950	5,994	5,916
Employed .....	5,060	4,946	4,898	4,923	4,971	5,062	5,087	5,201	5,092	5,258	5,347	5,341	5,342
Unemployed .....	568	633	669	694	626	648	645	647	582	607	603	653	574
Unemployment rate .....	10.1	11.3	12.0	12.4	11.2	11.3	11.3	11.1	10.3	10.3	10.1	10.9	9.7
<b>NONWHITE</b>													
Total:													
Civilian labor force .....	8,639	8,892	8,677	8,614	8,522	8,639	8,721	8,682	8,563	8,640	8,634	8,612	8,609
Employed .....	8,085	8,281	8,046	7,856	7,844	8,054	8,088	8,015	7,906	8,018	7,992	7,989	8,032
Unemployed .....	554	611	631	758	678	585	633	667	657	622	642	623	577
Unemployment rate .....	6.4	6.9	7.3	8.8	8.0	6.8	7.3	7.7	7.7	7.2	7.4	7.2	6.7
Males, 20 years and over:													
Civilian labor force .....	4,504	4,547	4,481	4,453	4,463	4,513	4,530	4,525	4,498	4,495	4,507	4,508	4,505
Employed .....	4,312	4,391	4,295	4,223	4,294	4,325	4,346	4,318	4,284	4,310	4,290	4,310	4,314
Unemployed .....	192	156	186	230	169	188	184	207	214	185	217	198	191
Unemployment rate .....	4.3	3.4	4.2	5.2	3.8	4.2	4.1	4.6	4.8	4.1	4.8	4.4	4.2
Females, 20 years and over:													
Civilian labor force .....	3,386	3,527	3,415	3,397	3,318	3,321	3,391	3,368	3,274	3,383	3,363	3,386	3,374
Employed .....	3,167	3,273	3,172	3,121	3,023	3,138	3,140	3,108	3,086	3,144	3,119	3,148	3,146
Unemployed .....	219	254	243	276	295	183	251	260	188	239	244	238	228
Unemployment rate .....	6.5	7.2	7.1	8.1	8.9	5.5	7.4	7.7	5.7	7.1	7.3	7.0	6.8
Both sexes, 16 to 19 years:													
Civilian labor force .....	749	818	781	764	741	805	800	789	791	762	764	718	730
Employed .....	606	617	579	512	527	591	602	589	536	564	583	531	572
Unemployed .....	143	201	202	252	214	214	198	200	255	198	181	187	158
Unemployment rate .....	19.1	24.6	25.9	33.0	28.9	26.6	24.8	25.3	32.2	26.0	23.7	26.0	21.6

# HOUSEHOLD DATA SEASONALLY ADJUSTED

## A-29: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1968		1967										
	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
Total (all civilian workers) . . . . .	3.5	3.7	3.8	4.3	4.1	3.8	3.9	3.9	3.9	3.7	3.7	3.7	3.7
Men, 20 years and over . . . . .	2.3	2.2	2.4	2.5	2.3	2.3	2.4	2.5	2.4	2.3	2.3	2.2	2.3
Women, 20 years and over . . . . .	3.9	4.1	4.0	4.8	4.9	3.9	4.3	4.2	4.1	4.1	4.1	4.0	4.3
Both sexes, 16-19 years . . . . .	11.3	12.8	13.9	14.8	13.4	13.3	12.9	12.7	12.7	12.0	11.8	12.6	11.1
White workers . . . . .	3.2	3.3	3.4	3.7	3.6	3.4	3.5	3.5	3.4	3.3	3.2	3.3	3.3
Nonwhite workers . . . . .	6.4	6.9	7.3	8.8	8.0	6.8	7.3	7.7	7.7	7.2	7.4	7.2	6.7
Married men . . . . .	1.6	1.7	1.7	1.9	1.8	1.9	1.8	1.9	1.9	1.9	1.8	1.7	1.7
Full-time workers . . . . .	3.3	3.3	3.5	3.8	3.6	3.6	3.6	3.6	3.5	3.4	3.3	3.2	3.2
Unemployed 15 weeks and over . . . . .	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
State insured <sup>1</sup> . . . . .	2.4	2.2	2.3	2.4	2.4	2.7	2.8	2.6	2.7	2.7	2.5	2.4	2.4
Labor force time lost <sup>2</sup> . . . . .	4.0	4.1	4.2	4.7	4.6	4.3	4.2	4.4	3.8	4.0	4.1	4.1	4.1
<b>OCCUPATION</b>													
White-collar workers . . . . .	2.0	2.1	2.2	2.4	2.4	2.2	2.2	2.2	1.9	1.8	2.1	2.0	2.1
Professional and technical . . . . .	1.0	1.1	1.4	1.3	1.4	1.3	1.4	1.3	1.5	1.3	1.3	1.3	1.2
Managers, officials, and proprietors . . . . .	.9	1.0	1.0	1.1	1.0	.9	.9	.9	.9	.9	.9	.8	.8
Clerical workers . . . . .	3.0	3.2	3.2	3.8	3.6	3.4	3.2	3.2	2.5	2.5	3.0	2.9	3.0
Sales workers . . . . .	2.9	2.8	3.3	3.4	3.9	3.3	3.6	3.6	2.5	2.7	3.5	2.8	3.4
Blue-collar workers . . . . .	4.3	4.3	4.4	4.9	4.6	4.4	4.6	4.6	4.6	4.6	4.2	4.2	4.2
Craftsmen and foremen . . . . .	2.7	2.1	2.6	2.7	2.2	2.4	2.3	2.7	2.7	2.8	2.4	2.4	2.4
Operatives . . . . .	4.6	5.0	4.9	5.3	5.3	4.9	5.2	5.1	4.9	5.0	4.8	4.7	4.7
Nonfarm laborers . . . . .	7.8	7.4	7.1	9.1	8.0	7.7	7.9	7.6	8.2	7.6	7.3	6.7	7.4
Service workers . . . . .	4.1	4.8	4.7	5.5	4.9	4.2	4.5	4.3	4.2	4.1	4.3	4.4	4.5
Farm workers . . . . .	1.8	1.8	2.6	2.8	2.9	2.3	2.5	2.7	2.3	2.4	2.0	2.2	2.0
<b>INDUSTRY</b>													
Private wage and salary workers <sup>3</sup> . . . . .	3.6	3.8	3.9	4.4	4.2	3.9	4.0	4.0	3.9	3.7	3.7	3.7	3.8
Construction . . . . .	8.3	6.1	7.2	6.9	5.4	7.2	7.4	8.4	7.8	8.1	7.4	7.7	7.7
Manufacturing . . . . .	3.3	3.5	3.5	4.1	4.0	3.8	4.0	3.9	3.8	3.6	3.6	3.4	3.3
Durable goods . . . . .	2.8	3.5	3.2	3.6	3.7	3.4	4.0	3.6	3.7	3.4	3.1	2.9	2.9
Nondurable goods . . . . .	4.0	3.6	3.8	4.8	4.4	4.4	4.0	4.3	4.0	4.0	4.4	4.1	3.9
Transportation and public utilities . . . . .	1.9	2.2	2.5	2.7	2.4	2.6	2.4	2.5	2.7	2.0	1.9	2.1	2.6
Wholesale and retail trade . . . . .	4.1	4.2	4.4	5.0	5.2	4.2	4.3	4.1	3.6	3.5	4.0	4.0	4.1
Finance and service industries . . . . .	3.1	3.6	3.5	4.1	3.9	3.5	3.5	3.3	3.6	3.4	3.4	3.5	3.8
Government wage and salary workers . . . . .	1.9	2.0	2.0	2.2	1.9	1.5	1.7	2.2	1.7	1.8	1.8	1.7	1.6
Agricultural wage and salary workers . . . . .	4.8	5.0	7.8	7.8	10.0	7.4	7.4	7.7	6.5	6.4	5.5	6.4	5.4

<sup>1</sup>Insured unemployment under State programs as a percent of average covered employment.

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

<sup>3</sup>Includes mining, not shown separately.

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

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

(In thousands)

Duration of unemployment	1968		1967										
	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
Less than 5 weeks .....	1,360	1,418	1,609	1,789	1,783	1,572	1,662	1,713	1,704	1,618	1,628	1,606	1,496
5 to 14 weeks .....	840	968	930	1,105	937	934	895	909	871	871	833	789	794
15 weeks and over .....	488	445	485	475	440	445	436	441	433	434	436	447	476
15 to 26 weeks .....	302	259	307	305	277	234	266	291	291	250	256	257	276
27 weeks and over .....	186	186	178	170	163	211	170	150	142	184	180	190	200

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

Age and sex	1968		1967										
	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
<b>Total, 16 years and over .....</b>	<b>3.5</b>	<b>3.7</b>	<b>3.8</b>	<b>4.3</b>	<b>4.1</b>	<b>3.8</b>	<b>3.9</b>	<b>3.9</b>	<b>3.9</b>	<b>3.7</b>	<b>3.7</b>	<b>3.7</b>	<b>3.7</b>
16 to 19 years .....	11.3	12.8	13.9	14.8	13.4	13.3	12.9	12.7	12.7	12.0	11.8	12.6	11.1
16 and 17 years .....	13.4	14.7	15.9	16.4	15.5	14.9	14.6	13.9	13.9	14.0	13.6	16.2	13.1
18 and 19 years .....	9.9	11.3	11.9	13.6	12.1	12.2	11.6	11.6	12.3	10.9	10.6	10.7	9.7
20 to 24 years .....	5.6	5.8	5.5	6.4	6.7	5.5	6.1	5.7	5.2	5.3	5.5	5.2	5.5
25 years and over .....	2.5	2.5	2.6	2.9	2.7	2.5	2.6	2.7	2.7	2.6	2.6	2.5	2.6
25 to 54 years .....	2.5	2.5	2.7	3.0	2.8	2.6	2.7	2.8	2.7	2.7	2.6	2.6	2.6
55 years and over .....	2.5	2.5	2.5	2.5	2.3	2.5	2.3	2.3	2.6	2.5	2.5	2.3	2.9
<b>Males, 16 years and over .....</b>	<b>2.9</b>	<b>2.9</b>	<b>3.2</b>	<b>3.4</b>	<b>3.0</b>	<b>3.1</b>	<b>3.1</b>	<b>3.3</b>	<b>3.2</b>	<b>3.1</b>	<b>3.0</b>	<b>3.0</b>	<b>2.9</b>
16 to 19 years .....	11.7	12.0	13.6	14.8	12.1	12.2	12.0	12.5	12.3	12.0	10.9	12.1	11.1
16 and 17 years .....	13.1	14.2	15.8	17.6	13.9	14.8	14.8	14.0	14.4	15.0	12.4	14.2	13.7
18 and 19 years .....	10.3	10.0	11.6	12.3	10.5	10.2	9.8	10.9	11.5	10.3	9.6	10.1	8.9
20 to 24 years .....	4.6	4.8	5.3	5.4	4.9	4.9	4.9	4.9	4.8	4.1	4.3	3.7	4.3
25 years and over .....	1.9	1.9	2.0	2.1	1.9	2.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0
25 to 54 years .....	1.9	1.7	1.9	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9
55 years and over .....	2.5	2.7	2.7	2.4	2.0	2.4	2.4	2.6	2.6	2.6	2.4	2.2	2.7
<b>Females, 16 years and over .....</b>	<b>4.6</b>	<b>5.0</b>	<b>4.9</b>	<b>5.8</b>	<b>5.9</b>	<b>5.0</b>	<b>5.3</b>	<b>5.1</b>	<b>5.1</b>	<b>4.9</b>	<b>5.0</b>	<b>5.0</b>	<b>5.0</b>
16 to 19 years .....	10.9	13.7	13.6	14.8	15.4	14.7	13.9	12.9	13.3	12.1	13.0	13.2	11.2
16 and 17 years .....	13.8	15.5	15.9	14.5	18.0	15.0	14.3	13.7	13.0	12.5	15.5	19.0	12.1
18 and 19 years .....	9.4	12.6	12.1	14.9	13.9	14.4	13.4	12.4	13.2	11.5	11.6	11.4	10.7
20 to 24 years .....	6.9	6.9	5.8	7.7	9.0	6.2	7.5	6.8	5.6	6.7	6.9	7.2	7.1
25 years and over .....	3.4	3.5	3.7	4.3	4.1	3.5	3.7	3.7	3.6	3.6	3.6	3.5	3.8
25 to 54 years .....	3.6	4.0	4.2	4.8	4.4	3.8	4.1	4.4	4.0	3.9	3.9	3.8	4.0
55 years and over .....	2.6	2.2	2.2	2.6	2.8	2.6	2.3	1.8	2.6	2.4	2.7	2.3	3.3



## HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Age and sex	1968		1967										
	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
<b>TOTAL</b>													
16 years and over .....	75,167	75,577	75,005	74,735	74,658	74,664	74,478	74,169	73,550	73,939	73,822	74,063	74,094
16 to 19 years .....	5,625	5,529	5,463	5,464	5,530	5,666	5,696	5,827	5,661	5,826	5,873	5,835	5,884
16 and 17 years .....	2,319	2,346	2,296	2,314	2,267	2,338	2,320	2,358	2,232	2,343	2,467	2,383	2,391
18 and 19 years .....	3,328	3,222	3,167	3,135	3,233	3,317	3,367	3,454	3,391	3,469	3,468	3,482	3,501
20 to 24 years .....	8,682	8,720	8,726	8,562	8,555	8,602	8,606	8,536	8,415	8,384	8,335	8,341	8,216
25 years and over .....	60,847	61,337	60,835	60,701	60,602	60,378	60,145	59,771	59,482	59,894	59,603	59,881	59,970
25 to 54 years .....	47,365	47,544	47,068	46,899	46,785	46,760	46,528	46,161	46,158	46,327	46,400	46,508	46,610
55 years and over .....	13,604	13,802	13,731	13,723	13,682	13,611	13,552	13,589	13,280	13,388	13,289	13,434	13,468
<b>MALE</b>													
16 years and over .....	47,790	47,885	47,553	47,532	47,603	47,630	47,537	47,419	47,147	47,256	47,339	47,417	47,437
16 to 19 years .....	3,050	3,110	3,047	3,072	3,135	3,209	3,191	3,245	3,158	3,204	3,314	3,241	3,294
16 and 17 years .....	1,414	1,457	1,421	1,407	1,416	1,428	1,396	1,404	1,347	1,362	1,512	1,435	1,456
18 and 19 years .....	1,661	1,681	1,634	1,661	1,715	1,769	1,785	1,830	1,782	1,829	1,848	1,839	1,852
20 to 24 years .....	4,843	4,826	4,815	4,832	4,860	4,879	4,871	4,857	4,751	4,760	4,749	4,792	4,702
25 years and over .....	39,891	39,945	39,723	39,625	39,608	39,558	39,476	39,317	39,190	39,481	39,287	39,379	39,433
25 to 54 years .....	31,031	31,015	30,806	30,678	30,700	30,668	30,614	30,434	30,432	30,538	30,623	30,623	30,703
55 years and over .....	8,901	8,944	8,913	8,912	8,896	8,876	8,851	8,847	8,756	8,733	8,704	8,772	8,768
<b>FEMALE</b>													
16 years and over .....	27,377	27,692	27,452	27,203	27,035	27,034	26,941	26,750	26,403	26,683	26,483	26,646	26,657
16 to 19 years .....	2,575	2,419	2,416	2,392	2,395	2,457	2,505	2,582	2,503	2,622	2,559	2,594	2,590
16 and 17 years .....	905	889	875	907	851	910	924	954	885	981	955	948	935
18 and 19 years .....	1,667	1,541	1,533	1,474	1,518	1,548	1,582	1,624	1,609	1,640	1,620	1,643	1,649
20 to 24 years .....	3,839	3,894	3,911	3,730	3,695	3,723	3,735	3,679	3,664	3,624	3,586	3,549	3,514
25 years and over .....	20,956	21,392	21,112	21,076	20,994	20,820	20,669	20,454	20,292	20,413	20,316	20,502	20,537
25 to 54 years .....	16,334	16,529	16,262	16,221	16,085	16,092	15,914	15,727	15,726	15,789	15,777	15,885	15,907
55 years and over .....	4,703	4,858	4,818	4,811	4,786	4,735	4,701	4,742	4,524	4,655	4,585	4,662	4,700

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

(In thousands)

Occupation group	1968		1967										
	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	April	Mar.	Feb.	Jan.
<b>White-collar workers</b> .....	34,777	34,739	35,070	34,953	34,558	34,627	34,267	34,226	33,901	33,755	33,570	33,618	33,516
Professional and technical .....	9,991	9,985	10,073	10,093	9,982	9,936	9,950	9,929	9,735	9,746	9,729	9,758	9,640
Managers, officials, and proprietors .....	7,656	7,540	7,658	7,687	7,617	7,845	7,535	7,557	7,408	7,340	7,276	7,276	7,196
Clerical workers .....	12,643	12,660	12,782	12,582	12,399	12,308	12,261	12,285	12,277	12,163	12,043	12,093	12,160
Sales workers .....	4,487	4,554	4,557	4,591	4,560	4,538	4,521	4,455	4,481	4,506	4,522	4,491	4,520
<b>Blue-collar workers</b> .....	27,265	27,600	27,106	27,025	27,453	27,218	27,391	27,361	27,043	27,034	27,197	27,427	27,254
Craftsmen and foremen .....	9,967	9,945	9,830	9,708	9,914	9,565	9,785	9,784	9,815	9,903	9,980	9,969	9,969
Operatives .....	13,852	14,063	13,817	13,777	13,990	14,093	13,996	13,955	13,729	13,634	13,776	13,931	13,831
Nonfarm laborers .....	3,446	3,592	3,459	3,540	3,549	3,560	3,610	3,622	3,499	3,497	3,441	3,527	3,454
<b>Service workers</b> .....	9,292	9,438	9,357	9,290	9,235	9,237	9,266	9,255	9,140	9,386	9,414	9,511	9,385
<b>Farmers and farm laborers</b> .....	3,645	3,880	3,558	3,414	3,427	3,644	3,546	3,461	3,446	3,552	3,599	3,588	3,722

# ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

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

(In thousands)

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	1,133	1,021	10,659	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	1,212	1,229	10,300	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	873	1,214	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	957	1,790	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	925	1,567	17,602	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	892	1,094	17,328	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	836	1,132	15,524	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,690	1,863	3,787
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,224	6,914	2,187	4,727
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	672	2,816	16,326	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	650	2,902	16,853	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	635	2,963	16,995	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,332	634	3,050	17,274	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,249
1965.....	60,832	632	3,186	18,062	4,036	12,716	3,312	9,404	3,023	9,087	10,091	2,378	7,714
1966.....	63,982	625	3,292	19,186	4,151	13,211	3,438	9,773	3,102	9,545	10,871	2,564	8,307
1967.....	66,062	613	3,264	19,338	4,262	13,671	3,555	10,116	3,228	10,071	11,616	2,719	8,897
1967: January..	64,531	611	2,947	19,333	4,183	13,334	3,491	9,843	3,114	9,643	11,366	2,643	8,723
February....	64,491	606	2,863	19,297	4,175	13,218	3,479	9,739	3,133	9,725	11,474	2,652	8,822
March.....	64,843	607	2,922	19,263	4,191	13,332	3,486	9,846	3,157	9,817	11,554	2,669	8,885
April.....	65,215	614	3,106	19,181	4,174	13,412	3,499	9,913	3,181	9,963	11,584	2,683	8,901
May.....	65,594	618	3,227	19,133	4,250	13,503	3,503	10,000	3,202	10,057	11,604	2,690	8,914
June.....	66,514	633	3,407	19,382	4,304	13,675	3,562	10,113	3,253	10,196	11,664	2,766	8,898
July.....	66,129	636	3,548	19,156	4,335	13,629	3,587	10,042	3,289	10,265	11,271	2,798	8,473
August.....	66,408	620	3,594	19,435	4,330	13,622	3,608	10,014	3,305	10,262	11,240	2,784	8,456
September..	66,672	609	3,513	19,443	4,317	13,689	3,586	10,103	3,274	10,212	11,615	2,707	8,908
October....	66,914	601	3,463	19,388	4,281	13,808	3,599	10,209	3,267	10,230	11,876	2,707	9,169
November..	67,470	600	3,378	19,553	4,304	14,104	3,631	10,473	3,274	10,246	12,011	2,709	9,302
December..	67,962	598	3,195	19,497	4,294	14,726	3,632	11,094	3,283	10,240	12,129	2,814	9,315
1968: January..	66,111	583	2,871	19,310	4,228	13,709	3,570	10,139	3,271	10,160	11,979	2,679	9,300

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 and 1967 annual averages are preliminary.

# ESTABLISHMENT DATA EMPLOYMENT

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

		(In thousands)									
SIC CODE	Industry	All employees					Production workers <sup>1</sup>				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
-	<b>TOTAL</b> .....	66,111	67,962	67,470	64,531	66,087					
-	<b>PRIVATE SECTOR</b> .....	54,132	55,833	55,459	53,165	54,590	44,827	46,437	46,090	44,079	45,517
-	<b>MINING</b> .....	583	598	600	611	622	438	455	457	471	482
10	<b>METAL MINING</b> .....	-	64.5	64.7	85.9	86.3	-	49.4	49.5	71.1	71.6
101	Iron ores .....	-	26.9	27.1	26.1	26.6	-	22.2	22.4	21.8	22.3
102	Copper ores .....	-	11.3	11.0	31.9	31.6	-	5.9	5.5	26.3	26.1
11,12	<b>COAL MINING</b> .....	-	144.4	144.5	141.5	142.0	-	124.8	125.4	123.5	123.7
12	Bituminous coal and lignite mining .....	-	138.0	137.7	134.1	134.6	-	119.2	119.3	116.9	117.1
13	<b>OIL AND GAS EXTRACTION</b> .....	-	270.0	267.9	272.1	275.8	-	183.5	180.2	185.7	190.1
131,2	Crude petroleum and natural gas fields .....	-	147.4	147.5	148.6	148.7	-	79.0	78.6	80.6	81.3
138	Oil and gas field services .....	-	122.6	120.4	123.5	127.1	-	104.5	101.6	105.1	108.8
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	-	119.3	123.1	111.6	117.9	-	97.7	101.5	90.3	96.6
142	Crushed and broken stone .....	-	41.7	43.0	37.7	40.9	-	34.9	36.3	31.2	34.3
144	Sand and gravel .....	-	38.1	40.4	34.2	37.0	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> .....	2,871	3,195	3,378	2,947	3,146	2,360	2,691	2,872	2,451	2,648
	<b>GENERAL BUILDING CONTRACTORS</b> .....		1,030.9	1,068.6	962.9	1,028.0	-	879.4	916.6	817.5	881.4
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	-	599.0	697.9	530.9	593.3	-	510.3	607.0	440.3	502.4
161	Highway and street construction .....	-	267.4	341.6	216.2	262.4	-	231.2	304.3	180.6	226.4
162	Heavy construction, n e c .....	-	331.6	356.3	314.7	330.9	-	279.1	302.7	259.7	276.0
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	-	1,565.5	1,611.9	1,452.7	1,525.0	-	1,301.1	1,347.9	1,193.0	1,264.2
171	Plumbing, heating, air conditioning .....	-	375.1	382.4	366.7	371.3	-	302.5	310.9	294.5	299.4
172	Painting, paper hanging, decorating .....	-	122.8	134.9	111.6	128.5	-	107.5	119.6	96.5	113.1
173	Electrical work .....	-	266.9	271.3	251.9	255.9	-	213.5	217.5	201.2	204.0
174	Masonry, stonework, and plastering .....	-	216.8	220.8	200.0	213.1	-	195.0	198.8	178.6	191.3
176	Roofing and sheet metal work .....	-	116.5	121.2	106.2	113.5	-	95.0	99.2	84.6	92.4
-	<b>MANUFACTURING</b> .....	19,310	19,497	19,553	19,333	19,534	14,163	14,351	14,406	14,304	14,513
19,24,25,32-39	<b>DURABLE GOODS</b> .....	11,365	11,419	11,430	11,413	11,516	8,290	8,354	8,360	8,417	8,528
20-23,26-31	<b>NONDURABLE GOODS</b> .....	7,945	8,078	8,123	7,920	8,018	5,873	5,997	6,046	5,887	5,985
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	309.2	305.6	304.6	279.2	272.7	163.5	160.6	159.2	141.2	137.5
192	Ammunition, except for small arms .....	236.0	234.1	232.0	207.9	201.9	116.9	115.3	112.9	94.1	90.6
1925	Complete guided missiles .....	-	168.7	167.1	163.8	159.6	-	60.8	59.8	57.3	55.2
194	Sighting and fire control equipment .....	-	17.3	16.5	14.3	14.2	-	7.5	6.8	6.0	6.0
191,3,5,6,9	Other ordnance and accessories .....	55.5	54.2	56.1	57.0	56.6	38.9	37.8	39.5	41.1	40.9
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	569.6	586.4	594.3	577.1	584.3	492.3	507.5	515.5	501.2	508.3
241	Logging camps & logging contractors .....	76.0	80.4	84.9	77.0	78.0	-	-	-	-	-
242	Sawmills and planing mills .....	222.5	228.5	232.3	230.4	232.1	201.9	207.3	211.1	209.1	210.9
2421	Sawmills and planing mills, general .....	-	192.4	196.0	193.4	194.2	-	174.7	178.5	175.5	176.4
243	Millwork, plywood & related products .....	159.8	163.8	163.4	155.2	159.2	132.7	136.4	136.1	129.2	132.6
2431	Millwork .....	-	72.1	72.0	63.8	65.2	-	58.1	58.2	50.6	51.7
2432	Veneer and plywood .....	-	72.8	71.6	76.1	76.7	-	65.6	64.5	68.9	69.7
244	Wooden containers .....	33.7	34.7	35.0	36.1	35.6	30.0	30.9	31.1	32.4	32.1
2441,2	Wooden boxes, shooks, and crates .....	-	26.3	26.7	28.0	27.6	-	23.4	23.7	25.2	24.9
249	Miscellaneous wood products .....	77.6	79.0	78.7	78.4	79.4	65.2	66.8	66.4	67.0	67.9

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)												
		All employees					Production workers <sup>1</sup>							
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966			
	<i>Durable Goods--Continued</i>													
25	<b>FURNITURE AND FIXTURES</b> .....	465.0	467.6	463.9	462.4	471.6	383.3	386.1	381.9	381.4	391.1			
251	Household furniture .....	330.3	331.8	329.8	324.8	332.6	279.7	281.1	279.1	275.5	283.3			
2511	Wood household furniture .....	-	172.0	171.2	173.5	176.5	-	151.0	150.1	153.0	156.2			
2512	Upholstered household furniture .....	-	83.6	83.4	79.9	82.5	-	69.2	69.1	66.0	68.4			
2515	Mattresses and bedsprings .....	-	38.7	38.2	36.5	37.3	-	30.7	30.2	28.7	29.2			
252	Office furniture .....	-	37.6	36.4	37.5	37.4	-	29.5	28.3	29.3	29.3			
254	Partitions and fixtures .....	-	47.3	47.4	48.1	48.3	-	35.5	35.2	36.1	36.4			
253,9	Other furniture and fixtures .....	50.2	50.9	50.3	52.0	53.3	39.2	40.0	39.3	40.5	42.1			
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	616.2	630.8	637.1	616.5	629.4	488.3	503.2	508.4	489.1	502.6			
321	Flat glass .....	-	32.1	31.6	32.5	32.7	-	25.2	24.6	25.5	25.9			
322	Glass and glassware, pressed or blown .....	123.3	125.1	123.7	122.3	123.4	107.3	109.1	107.9	106.1	107.1			
3221	Glass containers .....	-	74.0	73.2	69.7	69.3	-	65.7	65.0	61.6	61.0			
3229	Pressed and blown glass, n e c .....	-	51.1	50.5	52.6	54.1	-	43.4	42.9	44.5	46.1			
324	Cement, hydraulic .....	(*)	35.5	36.5	35.4	36.5	(*)	27.1	27.8	26.7	27.7			
325	Structural clay products .....	61.2	64.1	65.0	63.1	66.0	50.1	52.8	53.7	51.8	55.0			
3251	Brick and structural clay tile .....	-	28.3	28.5	27.2	28.9	-	24.8	25.1	23.5	25.4			
326	Pottery and related products .....	-	41.9	42.0	42.2	42.7	-	35.3	35.3	35.5	36.2			
327	Concrete, gypsum, and plaster products .....	166.9	174.6	180.1	164.1	170.2	126.4	134.5	139.1	124.4	129.9			
328,9	Other stone and nonmetallic mineral products .....	133.5	134.2	135.0	133.7	134.6	99.2	100.3	101.2	100.1	101.7			
3291	Abrasive products .....	-	27.5	27.4	28.1	28.4	-	18.9	18.8	19.5	19.7			
33	<b>PRIMARY METAL INDUSTRIES</b> .....	1,274.9	1,275.2	1,269.8	1,348.2	1,347.4	1,011.8	1,017.5	1,011.9	1,093.7	1,093.4			
331	Blast furnace and basic steel products .....	629.5	630.8	624.9	639.6	640.1	502.7	505.1	498.8	517.4	517.5			
3312	Blast furnaces and steel mills .....	-	553.7	549.6	561.6	561.8	-	446.9	442.6	455.9	455.9			
332	Iron and steel foundries .....	222.0	220.5	220.7	241.4	239.2	186.9	185.8	186.2	205.9	204.1			
3321	Gray iron foundries .....	-	132.7	131.6	141.6	141.2	-	114.2	113.1	122.1	121.9			
3322	Malleable iron foundries .....	-	24.9	25.8	27.9	28.2	-	20.6	21.6	23.7	23.9			
3323	Steel foundries .....	-	62.9	63.3	71.9	69.8	-	51.0	51.5	60.1	58.3			
333,4	Nonferrous metals .....	66.2	66.2	66.4	80.6	80.0	48.0	47.8	47.9	62.5	61.9			
335	Nonferrous rolling and drawing .....	196.3	197.1	198.5	218.6	219.9	143.0	147.6	148.9	169.0	170.4			
3351	Copper rolling and drawing .....	-	39.4	39.4	49.8	50.0	-	28.5	28.4	38.9	39.1			
3352	Aluminum rolling and drawing .....	-	66.0	66.6	70.5	71.2	-	50.3	50.9	54.6	55.3			
3357	Nonferrous wire drawing and insulating .....	-	69.1	69.8	74.4	74.6	-	53.0	53.6	58.2	58.6			
336	Nonferrous foundries .....	90.3	90.7	89.7	93.0	93.3	75.2	75.7	74.9	78.2	78.8			
3361	Aluminum castings .....	-	46.7	45.8	47.3	47.0	-	39.7	39.0	40.8	40.7			
3362,9	Other nonferrous castings .....	-	44.0	43.9	45.7	46.3	-	36.0	35.9	37.4	38.1			
339	Miscellaneous primary metal products .....	70.6	69.9	69.6	75.0	74.9	56.0	55.5	55.2	60.7	60.7			
3391	Iron and steel forgings .....	-	46.2	46.0	50.8	50.8	-	36.9	36.8	41.8	41.8			
34	<b>FABRICATED METAL PRODUCTS</b> .....	1,363.7	1,374.5	1,366.1	1,364.6	1,379.5	1,052.1	1,065.5	1,057.8	1,060.3	1,075.6			
341	Metal cans .....	67.0	67.3	65.2	62.9	63.5	57.1	57.5	55.3	53.3	53.9			
342	Cutlery, hand tools, and hardware .....	160.4	165.2	164.0	163.4	165.2	127.0	131.9	130.8	129.8	131.5			
3421,3,5	Cutlery and hand tools, incl. saws .....	-	63.9	63.5	65.1	65.6	-	51.9	51.4	52.6	53.2			
3429	Hardware, n e c .....	-	101.3	100.5	98.3	99.6	-	80.0	79.4	77.2	78.3			
343	Plumbing and beating, except electric .....	79.6	80.2	79.4	78.1	79.4	53.9	59.3	58.5	58.2	59.6			
3431,2	Sanitary ware & plumbers' brass goods .....	-	35.4	34.3	33.6	33.8	-	28.4	27.4	27.0	27.2			
3433	Heating equipment, except electric .....	-	44.8	45.1	44.5	45.6	-	30.9	31.1	31.2	32.4			
344	Fabricated structural metal products .....	393.5	398.6	400.6	394.4	400.2	282.1	286.8	288.4	284.6	289.7			
3441	Fabricated structural steel .....	-	107.5	108.2	107.9	108.5	-	79.2	79.6	79.7	80.2			
3442	Metal doors, sash, and trim .....	-	64.9	66.0	60.0	62.6	-	46.7	47.8	42.0	44.6			
3443	Fabricated plate work (boiler shops) .....	-	109.4	109.6	110.3	110.3	-	76.5	76.5	78.7	78.4			
3444	Sheet metal work .....	-	72.5	72.4	73.7	74.8	-	52.6	52.6	53.6	54.5			
3446,9	Architectural and misc. metal work .....	-	44.3	44.4	42.5	44.0	-	31.8	31.9	30.6	32.0			
345	Screw machine products, bolts, etc .....	112.6	113.1	111.1	115.0	114.6	89.0	90.0	88.1	92.2	91.9			
3451	Screw machine products .....	-	50.5	50.0	53.8	53.5	-	43.4	42.9	46.4	46.0			
3452	Bolts, nuts, rivets, and washers .....	-	62.6	61.1	61.2	61.1	-	46.6	45.2	45.8	45.9			
346	Metal stampings .....	246.1	244.4	240.0	243.2	247.3	200.8	200.2	196.5	198.3	203.4			
347	Metal services, n e c .....	84.4	85.5	86.7	85.2	86.3	70.2	71.8	72.8	71.6	72.9			
348	Misc. fabricated wire products .....	67.0	67.5	67.0	68.5	68.8	53.4	54.3	53.8	55.6	55.9			
349	Misc. fabricated metal products .....	153.1	152.7	152.1	153.9	154.2	113.6	113.7	113.6	116.7	116.8			
3494,8	Valves, pipe, and pipe fittings .....	-	92.5	92.2	92.3	93.2	-	66.3	66.3	66.9	67.8			

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

# ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
	<i>Durable Goods--Continued</i>										
35	<b>MACHINERY, EXCEPT ELECTRICAL . . . . .</b>	1,963.1	1,936.5	1,960.0	1,985.8	1,975.8	1,360.6	1,334.4	1,356.3	1,398.3	1,391.5
351	Engines and turbines . . . . .	106.8	106.2	106.4	104.9	98.4	73.7	73.3	73.4	72.9	67.2
3511	Steam engines and turbines . . . . .	-	36.2	36.0	33.5	27.2	-	21.6	21.4	19.5	14.0
3519	Internal combustion engines, n e c . . . . .	-	70.0	70.4	71.4	71.2	-	51.7	52.0	53.4	53.2
352	Farm machinery . . . . .	-	118.7	140.4	154.6	151.9	-	83.7	101.6	115.4	113.3
353	Construction and related machinery . . . . .	272.2	273.0	271.7	280.6	282.4	179.4	180.3	179.9	190.3	191.9
3531.2	Construction and mining machinery . . . . .	-	145.1	144.3	151.8	153.7	-	99.4	99.0	106.2	107.9
3533	Oil field machinery . . . . .	-	39.4	39.2	39.4	39.4	-	26.9	26.7	26.8	26.8
3535.6	Conveyors, hoists, cranes, monorails. . . . .	-	40.9	40.7	40.9	40.9	-	25.4	25.6	26.7	26.6
354	Metal working machinery . . . . .	344.7	340.9	344.2	349.7	347.7	259.9	255.6	258.9	266.3	264.9
3541	Machine tools, metal cutting types . . . . .	-	83.8	81.8	83.1	82.8	-	58.3	56.2	58.4	58.3
3544	Special dies, tools, jigs, & fixtures . . . . .	-	116.8	122.5	123.9	123.1	-	96.4	101.8	103.1	102.4
3545	Machine tool accessories . . . . .	-	62.8	62.4	62.0	61.3	-	46.2	46.0	46.1	45.4
3542.8	Misc. metal working machinery . . . . .	-	77.5	77.5	80.7	80.5	-	54.7	54.9	58.7	58.8
355	Special industry machinery . . . . .	198.5	198.6	198.5	209.3	209.0	134.0	134.1	133.9	144.1	144.2
3551	Food products machinery . . . . .	-	43.3	43.1	44.0	43.8	-	27.7	27.4	28.4	28.4
3552	Textile machinery . . . . .	-	39.1	39.3	45.2	45.5	-	29.4	29.5	34.8	35.2
3555	Printing trades machinery . . . . .	-	31.0	30.5	30.6	30.4	-	21.6	21.3	21.6	21.5
356	General industrial machinery . . . . .	291.9	292.2	290.7	294.8	294.2	193.2	193.4	192.1	198.1	198.0
3561	Pumps and compressors . . . . .	-	81.3	81.1	80.4	80.3	-	45.6	45.4	45.6	46.0
3562	Ball and roller bearings . . . . .	-	64.9	64.7	65.0	65.2	-	50.8	50.5	51.4	51.4
3566	Power transmission equipment . . . . .	-	54.7	53.9	56.3	56.1	-	40.1	39.3	42.4	42.3
357	Office and computing machines . . . . .	241.1	239.8	242.2	230.8	229.8	139.9	139.6	142.5	136.8	135.8
3571	Computing machines and cash registers . . . . .	-	188.6	188.0	177.6	176.8	-	105.4	105.9	100.0	99.3
358	Service industry machines . . . . .	133.4	133.2	131.9	130.6	131.4	93.2	93.0	92.1	92.2	93.2
3585	Refrigeration machinery . . . . .	-	85.7	84.6	82.8	83.3	-	59.7	58.9	58.5	59.1
359	Misc. machinery, except electrical . . . . .	234.3	233.9	234.0	230.5	231.0	181.7	181.4	181.9	182.2	183.0
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .</b>	1,935.5	1,942.5	1,940.3	1,962.0	1,974.2	1,306.3	1,313.9	1,311.1	1,352.3	1,366.9
361	Electric test & distributing equipment . . . . .	201.4	202.0	200.3	194.3	196.9	137.9	138.6	137.3	134.2	135.7
3611	Electric measuring instruments . . . . .	-	67.4	67.2	68.4	68.9	-	44.8	44.7	46.6	46.8
3612	Transformers . . . . .	-	56.5	56.1	52.9	52.3	-	39.8	39.6	37.0	36.5
3613	Switchgear and switchboard apparatus . . . . .	-	78.1	77.0	73.0	75.7	-	54.0	53.0	50.6	52.4
362	Electrical industrial apparatus . . . . .	215.4	216.3	216.3	226.6	220.6	150.3	151.3	150.7	162.4	156.7
3621	Motors and generators . . . . .	-	120.8	120.9	124.1	118.7	-	85.7	85.3	89.4	84.1
3622	Industrial controls . . . . .	-	57.5	57.5	61.7	61.4	-	37.8	37.7	41.9	41.8
363	Household appliances . . . . .	186.9	187.8	186.4	184.5	192.2	149.8	150.3	149.4	145.7	152.7
3632	Household refrigerators and freezers . . . . .	-	63.1	61.6	58.5	62.3	-	52.2	50.8	48.1	51.9
3633	Household laundry equipment . . . . .	-	27.3	27.1	25.6	26.1	-	22.5	22.4	19.2	19.7
3634	Electric housewares and fans . . . . .	-	42.3	43.3	46.0	48.5	-	33.2	34.5	36.1	38.2
364	Electric lighting and wiring equipment . . . . .	193.8	194.5	193.7	196.7	197.3	147.9	148.5	148.1	152.4	153.5
3641	Electric lamps . . . . .	-	34.3	34.0	34.6	33.6	-	30.3	33.0	30.4	29.5
3642	Lighting fixtures . . . . .	-	62.8	62.7	60.7	62.3	-	48.8	48.8	46.9	48.2
3643.4	Wiring devices . . . . .	-	97.4	97.0	101.4	101.4	-	69.4	69.3	75.1	75.8
365	Radio and TV receiving equipment . . . . .	147.7	152.5	156.9	170.2	174.9	114.3	118.9	123.4	134.1	140.1
366	Communication equipment . . . . .	514.3	514.3	514.8	478.7	476.9	256.6	257.7	256.8	235.7	234.6
3661	Telephone and telegraph apparatus . . . . .	-	131.1	132.9	120.2	119.1	-	88.0	88.4	78.1	77.1
3662	Radio and TV communication equipment . . . . .	-	383.2	381.9	358.5	357.8	-	169.7	168.4	157.6	157.5
367	Electronic components and accessories . . . . .	354.8	354.2	352.6	393.2	395.9	255.0	254.6	253.2	296.2	300.4
3671-3	Electron tubes . . . . .	-	62.9	60.4	77.8	77.4	-	44.1	41.7	55.9	55.6
3674.9	Other electronic components . . . . .	-	291.3	292.2	315.4	318.4	-	210.5	211.5	240.3	244.8
369	Misc. electrical equipment & supplies . . . . .	(*)	120.9	119.3	117.8	119.5	(*)	94.0	92.2	91.6	93.2
3694	Engine electrical equipment . . . . .	-	65.0	63.1	64.5	64.6	-	51.8	49.7	51.6	51.6
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	1,998.4	2,014.0	1,986.3	1,951.4	1,995.9	1,423.8	1,442.1	1,412.5	1,386.8	1,430.3
371	Motor vehicles and equipment . . . . .	(*)	871.8	849.4	854.7	887.9	(*)	688.5	665.5	665.7	699.5
3711	Motor vehicles . . . . .	-	375.5	361.5	357.2	377.5	-	285.8	271.8	264.5	286.1
3712	Passenger car bodies . . . . .	-	66.0	66.5	62.9	69.9	-	55.2	54.9	51.2	58.4
3713	Truck and bus bodies . . . . .	-	35.8	35.2	36.9	37.0	-	28.6	27.9	29.8	30.1
3714	Motor vehicle parts and accessories . . . . .	-	372.2	364.4	371.9	377.3	-	301.9	294.2	300.5	305.1
372	Aircraft and parts . . . . .	848.8	849.3	843.4	805.2	810.0	512.4	516.5	509.2	494.5	488.7
3721	Aircraft . . . . .	-	490.9	486.0	448.7	452.2	-	290.9	285.0	259.8	263.7
3722	Aircraft engines and engine parts . . . . .	-	217.9	218.3	220.6	221.7	-	127.8	127.4	130.3	130.2
3723.9	Other aircraft parts and equipment . . . . .	-	140.5	139.1	135.9	136.1	-	97.8	96.8	94.4	94.8
373	Ship and boat building and repairing . . . . .	171.5	170.3	169.0	174.6	175.4	140.0	138.8	137.8	143.9	143.8
3731	Ship building and repairing . . . . .	-	138.5	138.1	141.4	141.9	-	112.6	112.6	116.4	115.8
3732	Boat building and repairing . . . . .	-	31.8	30.9	33.2	33.5	-	26.2	25.2	27.5	28.0
374	Railroad equipment . . . . .	-	51.7	51.9	62.1	63.8	-	39.9	40.3	49.0	50.7
375.9	Other transportation equipment . . . . .	-	70.9	72.6	54.8	58.8	-	58.4	59.7	43.7	47.6

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

# ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
<i>Durable Goods--Continued</i>											
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	457.9	458.8	457.4	451.2	452.3	287.3	287.6	286.6	287.5	287.8
381	Engineering & scientific instruments.....	-	87.7	87.5	84.2	83.9	-	45.7	45.6	44.5	44.0
382	Mechanical measuring & control devices...	108.4	109.0	108.0	110.5	111.5	69.4	70.0	69.0	72.2	72.7
3821	Mechanical measuring devices .....	-	67.3	66.9	69.6	69.9	-	40.8	40.5	43.8	43.7
3822	Automatic temperature controls .....	-	41.7	41.1	40.9	41.6	-	29.2	28.5	28.4	29.0
383,5	Optical and ophthalmic goods .....	51.0	50.8	50.7	50.8	50.8	36.3	35.9	36.0	36.2	36.0
385	Ophthalmic goods .....	-	31.5	31.5	32.0	32.0	-	23.7	23.8	24.3	24.2
384	Medical instruments and supplies.....	66.3	66.4	66.0	64.0	64.3	45.0	45.1	44.7	43.9	44.3
386	Photographic equipment and supplies .....	(*)	103.8	103.5	101.2	101.9	(*)	56.9	56.7	57.3	58.0
387	Watches, clocks, and watchcases .....	-	41.1	41.7	40.5	39.9	-	34.0	34.6	33.4	32.8
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>											
39	<b>INDUSTRIES</b> .....	411.8	427.5	449.7	414.5	432.9	321.0	335.1	358.8	325.4	343.0
391	Jewelry, silverware, and plated ware.....	50.6	52.3	52.4	50.8	51.4	38.4	40.1	40.6	39.4	40.3
394	Toys and sporting goods .....	-	111.8	130.7	98.2	111.6	-	91.0	110.2	78.8	90.9
3941-3	Games, toys, dolls, & play vehicles .....	-	65.8	82.7	53.9	66.1	-	53.6	70.9	42.6	53.7
3949	Sporting and athletic goods, n e c .....	-	46.0	48.0	44.3	45.5	-	37.4	39.3	36.2	37.2
395	Pens, pencils, office, and art supplies .....	-	34.4	34.4	34.6	35.1	-	24.5	25.0	25.4	25.8
396	Costume jewelry and notions.....	-	58.0	60.0	57.5	59.3	-	48.1	49.8	46.9	48.8
393,8,9	Other manufacturing industries .....	168.9	171.0	172.2	173.4	175.5	129.4	131.4	133.2	134.9	137.2
393	Musical instruments and parts.....	-	26.4	26.4	27.3	28.0	-	21.1	21.2	22.3	23.2
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	1,721.0	1,770.1	1,811.8	1,725.4	1,779.2	1,130.9	1,175.8	1,215.4	1,131.8	1,181.1
201	Meat products.....	325.6	336.1	336.0	325.1	333.4	260.4	271.0	270.9	260.2	268.0
2011	Meat packing plants .....	-	192.1	190.4	192.1	192.3	-	149.5	147.9	149.4	149.5
2013	Sausages and other prepared meats .....	-	55.3	54.7	53.4	53.4	-	40.1	39.4	37.9	37.8
2015	Poultry dressing plants .....	-	88.7	90.9	79.6	87.7	-	81.4	83.6	72.9	80.7
202	Dairy products.....	259.6	262.5	264.5	268.0	269.7	119.0	119.9	121.3	121.2	122.5
2024	Ice cream and frozen desserts.....	-	27.0	27.6	27.1	27.3	-	13.7	14.0	13.6	13.7
2026	Fluid milk.....	-	187.6	189.0	193.3	194.3	-	70.0	70.6	70.9	71.9
203	Canned, cured, and frozen foods.....	-	244.5	276.5	233.4	252.5	-	201.2	232.6	191.0	210.1
2031,6	Canned, cured, and frozen sea foods .....	-	38.0	36.0	37.1	40.6	-	33.2	31.3	32.4	36.0
2032,3	Canned food, except sea foods .....	-	117.7	139.5	107.7	117.6	-	92.2	113.4	83.1	92.8
2037	Frozen fruits and vegetables.....	-	52.1	58.8	56.6	60.6	-	46.4	53.0	50.6	54.8
204	Grain mill products .....	127.5	127.4	127.2	126.7	127.0	89.0	88.9	88.9	89.2	89.3
2041	Flour and other grain mill products .....	-	30.1	29.9	30.0	30.4	-	21.5	21.4	21.7	21.9
2042	Prepared feeds for animals and fowls .....	-	56.4	56.2	56.5	56.4	-	36.8	36.7	36.7	36.7
205	Bakery products.....	291.0	291.6	292.4	285.8	287.4	171.2	171.1	171.1	164.7	166.1
2051	Bread, cake, and related products .....	-	248.5	249.9	242.9	245.6	-	135.6	136.4	129.4	131.5
2052	Cookies and crackers .....	-	43.1	42.5	42.9	41.8	-	35.5	34.7	35.3	34.6
206	Sugar .....	-	44.5	47.0	39.0	43.9	-	37.7	40.0	31.9	36.9
207	Confectionery and related products .....	78.7	85.3	85.9	80.0	90.3	64.5	70.7	71.3	66.0	73.8
2071	Confectionery products .....	-	70.8	71.3	65.2	75.6	-	60.0	60.5	55.4	63.2
208	Beverages.....	228.3	231.4	234.9	223.9	228.4	117.5	119.4	122.5	113.5	117.7
2082	Malt liquors .....	-	60.9	60.6	60.0	61.6	-	40.2	40.1	39.4	40.3
2086	Bottled and canned soft drinks .....	-	126.1	126.1	123.5	124.9	-	48.4	48.1	46.8	48.0
209	Misc. foods and kindred products .....	143.6	146.8	147.4	143.5	146.6	92.8	95.9	96.8	94.1	96.7
21	<b>TOBACCO MANUFACTURES</b> .....	82.9	93.9	98.4	88.6	92.6	71.0	81.3	85.2	76.2	80.0
211	Cigarettes.....	-	40.8	41.0	39.6	39.7	-	33.9	33.9	32.7	32.6
212	Cigars.....	-	21.7	21.0	21.6	21.8	-	20.1	19.3	20.1	20.5
22	<b>TEXTILE MILL PRODUCTS</b> .....	950.4	961.6	962.3	950.8	960.0	842.4	852.7	853.4	844.7	854.3
221	Weaving mills, cotton .....	236.8	238.9	237.7	240.0	240.5	216.7	218.6	217.7	220.4	221.3
222	Weaving mills, synthetics .....	96.1	96.8	96.6	96.8	97.5	86.6	87.4	87.1	87.2	87.9
223	Weaving and finishing mills, wool .....	44.8	44.8	44.3	44.2	43.5	38.8	38.8	38.2	38.3	37.7
224	Narrow fabric mills.....	31.6	32.0	31.9	32.3	32.6	28.2	28.5	28.4	28.8	28.9
225	Knitting mills.....	219.0	225.2	231.3	219.9	226.2	194.6	200.1	205.7	195.2	201.3
2251	Women's hosiery, except socks .....	-	56.7	56.4	54.6	55.0	-	52.0	51.7	50.0	50.5
2252	Hosiery, n e c .....	-	38.8	39.7	39.9	40.8	-	35.2	36.0	36.2	37.2
2253	Knit outerwear mills .....	-	66.7	71.7	61.8	65.4	-	57.7	62.4	52.9	56.2
2254	Knit underwear mills.....	-	34.5	34.5	34.4	35.1	-	30.7	30.6	30.8	31.5
226	Textile finishing, except wool .....	81.0	81.4	80.8	80.3	80.8	68.3	68.9	68.3	67.7	68.5
227	Floor covering mills .....	-	48.2	47.6	44.3	44.9	-	38.6	38.2	36.1	36.8
228	Yarn and thread mills.....	116.1	116.5	115.3	115.8	116.4	107.4	107.8	106.7	107.2	107.8
229	Miscellaneous textile goods .....	77.0	77.8	76.8	77.2	77.6	63.4	64.0	63.1	63.8	64.1

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

# ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
<i>Nondurable Goods--Continued</i>											
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS..</b>	1,365.4	1,394.2	1,403.3	1,392.4	1,405.0	1,206.0	1,233.2	1,242.3	1,235.2	1,247.7
231	Men's and boys' suits and coats .....	118.1	121.1	119.6	123.3	124.3	103.8	106.6	105.5	109.9	110.5
232	Men's and boys' furnishings .....	361.1	364.4	364.8	369.1	369.9	323.2	326.3	327.0	333.1	334.0
2321	Men's and boys' shirts and nightwear ...	-	125.7	126.4	128.0	129.1	-	112.6	113.3	115.5	116.5
2327	Men's and boys' separate trousers .....	-	78.9	78.2	79.2	79.0	-	73.4	72.5	74.2	74.2
2328	Men's and boys' work clothing .....	-	78.1	78.6	82.6	83.0	-	68.5	69.2	73.7	74.2
233	Women's and misses' outerwear .....	423.5	430.3	433.8	423.7	422.7	377.5	382.8	386.1	378.0	377.1
2331	Women's and misses' blouses and waists	-	52.8	54.0	49.9	50.5	-	47.7	48.7	45.2	45.5
2335	Women's and misses' dresses .....	-	203.6	205.8	202.0	201.3	-	181.9	183.5	181.2	181.0
2337	Women's and misses' suits and coats .....	-	90.6	92.8	90.4	89.4	-	80.9	83.3	80.9	79.8
2339	Women's and misses' outerwear, n e c	-	83.3	81.2	81.4	81.5	-	72.3	70.6	70.7	70.8
234	Women's and children's undergarments .....	116.7	121.5	123.2	124.9	127.6	102.0	106.8	108.3	109.9	112.6
2341	Women's and children's underwear .....	-	80.0	81.5	81.3	83.1	-	71.7	73.0	73.1	75.0
2342	Corsets and allied garments .....	-	41.5	41.7	43.6	44.5	-	35.1	35.3	36.8	37.6
235	Hats, caps, and millinery .....	-	23.9	23.3	28.9	28.3	-	21.5	20.7	26.0	25.4
236	Children's outerwear .....	75.2	74.6	76.6	79.1	78.1	66.8	66.3	67.9	70.9	70.0
2361	Children's dresses and blouses .....	-	33.4	34.1	35.1	34.7	-	30.1	30.7	31.7	31.4
237,8	Fur goods and miscellaneous apparel .....	-	81.1	83.5	75.8	80.0	-	70.9	73.5	65.4	69.5
239	Misc. fabricated textile products .....	169.4	177.3	178.5	167.6	174.1	144.2	152.0	153.3	142.0	148.6
2391,2	Housefurnishings .....	-	61.9	62.8	58.2	61.1	-	53.6	54.7	49.3	52.4
26	<b>PAPER AND ALLIED PRODUCTS .....</b>	684.8	691.9	690.3	674.3	680.2	529.7	537.7	536.8	522.7	528.5
261, 2, 6	Paper and pulp mills .....	218.3	219.8	219.4	215.3	216.6	170.1	172.4	172.2	169.2	170.6
263	Paperboard mills .....	73.6	73.9	73.3	74.2	73.6	57.6	58.0	57.7	57.7	57.5
264	Misc. converted paper products .....	180.3	182.3	181.9	174.6	176.7	132.8	134.8	134.3	128.2	129.4
2643	Bags, except textile bags .....	-	43.1	43.0	41.1	41.4	-	34.7	34.5	33.0	33.1
265	Paperboard containers and boxes .....	212.6	215.9	215.7	210.2	213.3	169.2	172.5	172.6	167.6	171.0
2651,2	Folding and setup paperboard boxes .....	-	67.8	68.1	65.2	67.0	-	56.4	56.8	54.0	55.7
2653	Corrugated and solid fiber boxes .....	-	100.2	100.2	98.5	99.6	-	77.2	77.5	75.9	77.3
27	<b>PRINTING AND PUBLISHING .....</b>	1,066.4	1,077.3	1,071.8	1,047.3	1,050.6	668.6	677.2	675.5	663.0	667.9
271	Newspapers .....	362.7	365.9	362.6	357.5	360.5	179.5	182.0	181.1	178.8	182.4
272	Periodicals .....	-	76.7	76.6	73.5	73.3	-	26.6	26.3	25.7	25.8
273	Books .....	-	93.4	93.2	94.4	93.1	-	54.3	54.0	57.9	56.9
275	Commercial printing .....	340.8	345.9	344.3	331.5	331.8	266.3	271.0	270.2	259.6	260.6
2751	Commercial printing, ex. lithographic ...	-	218.3	217.8	209.8	210.1	-	173.6	173.3	166.2	167.1
2752	Commercial printing, lithographic .....	-	115.8	115.1	110.9	110.8	-	88.3	88.0	84.7	84.8
278	Blankbooks and bookbinding .....	55.2	56.2	56.1	55.8	56.3	44.9	45.8	46.0	46.1	46.3
274,6,7,9	Other publishing & printing ind. ....	138.3	139.2	139.0	134.6	135.6	97.1	97.5	97.9	94.9	95.9
28	<b>CHEMICALS AND ALLIED PRODUCTS .....</b>	1,000.1	1,002.3	997.3	973.9	972.5	590.7	592.9	589.7	578.4	578.4
281	Industrial chemicals .....	309.3	308.9	307.0	306.5	305.6	170.9	170.3	168.6	172.9	172.8
2812	Alkalies and chlorine .....	-	24.4	23.0	25.0	25.0	-	16.3	15.1	17.5	17.6
2818	Industrial organic chemicals, n e c .....	-	125.3	125.1	122.6	121.6	-	56.9	56.8	55.6	54.5
2819	Industrial inorganic chemicals, n e c .....	-	96.5	96.2	95.2	95.4	-	57.0	56.7	58.0	58.1
282	Plastics materials and synthetics .....	210.2	209.2	207.4	205.3	206.6	139.3	138.4	137.0	134.6	136.5
2821	Plastics materials and resins .....	-	92.0	91.7	89.4	89.8	-	56.9	56.7	55.5	55.8
2823,4	Synthetic fibers .....	-	103.4	102.2	101.5	102.5	-	72.4	71.3	69.6	71.2
283	Drugs .....	137.6	139.0	137.8	131.7	130.5	70.3	72.2	71.1	68.6	68.2
2834	Pharmaceutical preparations .....	-	102.5	101.6	97.5	96.9	-	51.3	50.4	49.0	48.7
284	Soap, cleaners, and toilet goods .....	113.9	114.8	115.4	110.2	112.3	68.4	68.9	70.6	66.5	68.4
2841	Soap and other detergents .....	-	38.6	37.5	38.2	38.3	-	25.8	25.3	26.2	26.3
2844	Toilet preparations .....	-	44.3	45.9	41.1	42.9	-	27.1	28.9	24.2	25.9
285	Paints and allied products .....	68.7	68.5	68.6	66.9	67.0	37.2	37.3	37.4	36.8	37.0
287	Agricultural chemicals .....	(*)	53.5	53.1	54.5	52.8	(*)	33.9	33.3	35.6	33.9
2871,2	Fertilizers, complete & mixing only .....	-	37.9	37.8	40.2	38.9	-	26.4	26.2	28.3	26.8
286,9	Other chemical products .....	107.0	108.4	108.0	98.8	97.7	70.9	71.9	71.7	63.4	62.4
29	<b>PETROLEUM AND COAL PRODUCTS .....</b>	188.2	189.5	191.6	182.5	184.2	117.0	118.4	120.3	113.4	115.3
291	Petroleum refining .....	153.6	153.5	154.4	149.1	149.7	92.7	93.0	93.6	90.6	91.2
295,9	Other petroleum and coal products .....	34.6	36.0	37.2	33.4	34.5	24.3	25.4	26.7	22.8	24.1
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C .....</b>	535.3	539.8	539.8	526.8	531.4	413.4	418.7	418.9	410.9	415.5
301	Tires and inner tubes .....	111.5	112.2	111.6	109.4	110.0	77.9	78.8	78.2	77.8	78.2
302,3,6	Other rubber products .....	182.1	183.2	181.6	185.2	185.2	143.3	144.5	143.1	147.3	147.3
307	Miscellaneous plastics products .....	241.7	244.4	246.6	232.2	236.2	192.2	195.4	197.6	185.8	190.0
31	<b>LEATHER AND LEATHER PRODUCTS .....</b>	350.8	357.1	356.4	357.5	362.3	303.6	309.2	308.3	310.4	316.0
311	Leather tanning and finishing .....	31.4	31.0	30.8	31.0	31.5	27.5	27.1	26.8	27.0	27.6
314	Footwear, except rubber .....	229.6	232.2	229.3	235.4	239.0	201.4	203.0	200.5	207.3	211.1
312,3,5-7,9	Other leather products .....	89.8	93.9	96.3	91.1	91.8	74.7	79.1	81.0	76.1	77.3
317	Handbags and personal leather goods .....	-	38.4	40.0	38.4	38.9	-	33.2	34.5	33.2	33.8

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

# ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	4,228	4,294	4,304	4,183	4,222					
40	<b>RAILROAD TRANSPORTATION</b>	-	674.0	675.2	699.4	714.9	-	-	-	-	-
4011	Class I railroads <sup>2</sup>	-	583.3	586.6	608.0	619.1	-	-	-	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b>		280.6	278.2	276.6	275.6	-	-	-	-	-
411	Local and suburban transportation		82.8	82.8	82.2	82.1	-	78.6	78.5	78.0	77.7
412	Taxicabs		113.5	112.2	111.7	110.8	-	-	-	-	-
413	Intercity highway transportation		42.8	42.5	42.1	42.2	-	39.1	38.8	38.7	38.7
42	<b>TRUCKING AND WAREHOUSING</b>		1,057.4	1,063.5	998.9	1,030.4	-	958.4	965.3	905.6	937.7
422	Public warehousing		95.2	97.1	87.0	91.3	-	83.3	85.6	76.2	80.3
45	<b>TRANSPORTATION BY AIR</b>		307.1	304.6	272.9	268.1	-	-	-	-	-
451,2	Air transportation		275.8	273.9	246.6	241.9	-	-	-	-	-
46	<b>PIPE LINE TRANSPORTATION</b>		18.1	18.1	18.2	18.3	-	15.0	15.1	15.2	15.2
44,47	<b>OTHER TRANSPORTATION AND SERVICES</b>		348.5	357.2	341.2	341.3	-	-	-	-	-
48	<b>COMMUNICATION</b>		967.2	966.7	950.1	947.4	-	762.2	761.3	748.9	748.0
481	Telephone communication		803.5	804.8	793.6	790.8	-	638.9	640.3	631.3	630.1
482	Telegraph communication <sup>3</sup>		32.7	32.7	33.3	33.6	-	23.4	22.3	22.8	23.0
483	Radio and television broadcasting		120.8	119.2	114.2	114.1	-	96.4	95.3	91.7	91.9
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>		641.2	640.3	625.7	625.9	-	554.0	552.6	540.1	540.8
491	Electric companies and systems		262.5	262.6	257.1	256.5	-	223.9	223.9	218.6	218.3
492	Gas companies and systems		152.3	152.2	149.8	150.7	-	130.7	130.4	129.1	129.6
493	Combination companies and systems		181.5	180.5	176.3	176.5	-	160.0	158.9	155.5	156.1
494-7	Water, steam, & sanitary systems		44.9	45.0	42.5	42.2	-	39.4	39.4	36.9	36.8
-	<b>WHOLESALE AND RETAIL TRADE</b>	13,709	14,726	14,104	13,334	14,248	12,160	13,179	12,572	11,874	12,780
50	<b>WHOLESALE TRADE</b>	3,570	3,632	3,631	3,491	3,534	2,990	3,052	3,057	2,947	2,992
501	Motor vehicles & automotive equipment		279.8	279.1	263.4	264.1	-	232.2	232.5	220.7	221.5
502	Drugs, chemicals, and allied products		218.4	218.7	210.4	212.2	-	180.9	181.0	173.8	175.9
503	Dry goods and apparel		151.6	153.4	147.0	146.3	-	121.4	123.6	119.7	118.8
504	Groceries and related products		531.4	532.6	505.7	522.7	-	463.6	466.2	441.7	458.8
506	Electrical goods		291.2	287.6	279.2	280.1	-	236.5	235.1	229.7	229.6
507	Hardware, plumbing & heating equipment		159.2	158.8	154.8	155.7	-	134.9	134.4	131.4	132.2
508	Machinery, equipment, and supplies		677.4	675.0	643.7	641.5	-	569.8	567.3	545.8	545.0
509	Miscellaneous wholesalers		1,217.9	1,215.2	1,182.2	1,196.4	-	1,023.0	1,021.8	994.9	1,011.6
52-59	<b>RETAIL TRADE</b>	10,139	11,094	10,473	9,843	10,714	9,170	10,127	9,515	8,927	9,788
53	<b>RETAIL GENERAL MERCHANDISE</b>	-	2,621.9	2,253.5	1,984.2	2,532.1	-	2,449.6	2,088.1	1,825.8	2,365.1
531	Department stores		1,709.9	1,455.0	1,266.3	1,648.7	-	1,598.1	1,348.8	1,164.4	1,540.0
532	Mail order houses		155.7	150.4	130.7	155.8	-	147.8	142.6	123.0	148.2
533	Variety stores		423.2	358.2	319.8	407.9	-	400.5	336.7	299.3	366.8
54	<b>FOOD STORES</b>		1,652.4	1,599.8	1,571.0	1,599.2	-	1,532.1	1,481.6	1,458.1	1,487.2
541-3	Grocery, meat, and vegetable stores		1,457.6	1,412.0	1,395.9	1,415.4	-	1,350.0	1,306.3	1,294.4	1,314.9
56	<b>APPAREL AND ACCESSORY STORES</b>		835.6	719.9	676.8	807.4	-	763.8	649.3	607.6	738.3
561	Men's & boys' clothing & furnishings		147.8	120.3	118.1	143.0	-	135.8	108.2	106.8	132.1
562	Women's ready-to-wear stores		297.9	262.0	244.1	291.9	-	272.7	237.1	220.6	268.2
565	Family clothing stores		152.9	122.9	116.8	144.6	-	144.3	114.3	108.0	136.3
566	Shoe stores		156.3	139.7	129.3	148.7	-	138.9	123.2	112.5	131.5
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b>		454.0	442.1	426.9	442.4	-	399.6	388.6	376.1	390.7
571	Furniture and home furnishings		291.0	283.8	273.4	284.3	-	255.9	248.9	240.5	250.9
58	<b>EATING AND DRINKING PLACES</b>		2,172.3	2,182.7	2,045.8	2,085.7	-	2,030.8	2,039.6	1,907.7	1,944.0
52,55,59	<b>OTHER RETAIL TRADE</b>		3,357.8	3,274.8	3,138.0	3,247.3	-	2,951.1	2,867.6	2,751.9	2,862.9
52	Building materials and farm equipment		539.0	539.4	511.8	529.2	-	462.8	462.6	435.5	452.9
55	Automotive dealers & service stations		1,554.4	1,542.7	1,487.8	1,500.9	-	-	-	-	-
551,2	Motor vehicle dealers		752.0	747.6	741.7	744.5	-	636.3	632.4	631.6	635.0
553,9	Other automotive & accessory dealers		213.4	209.1	195.4	206.3	-	184.0	179.7	168.0	179.6
554	Gasoline service stations		589.0	586.0	550.7	550.1	-	-	-	-	-
59	Miscellaneous retail stores		1,264.4	1,192.7	1,138.4	1,217.2	-	-	-	-	-
591	Drug stores and proprietary stores		472.3	449.5	442.5	463.9	-	430.7	408.3	405.7	426.4
596	Farm and garden supply stores		97.7	98.3	94.7	94.3	-	-	-	-	-
598	Fuel and ice dealers		116.6	113.7	116.5	115.8	-	101.7	98.9	102.2	101.4

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



**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b>	3,271	3,283	3,274	3,114	3,125	2,589	2,607	2,602	2,472	2,490
60	Banking	-	877.2	874.4	838.2	838.3	-	730.2	728.1	696.6	699.0
61	Credit agencies other than banks	-	349.5	346.6	336.0	336.2	-	276.3	274.0	266.2	267.0
612	Savings and loan associations	-	101.4	100.4	95.8	94.6	-	81.3	80.4	76.6	75.7
614	Personal credit institutions	-	187.3	185.6	182.6	183.4	-	-	-	-	-
62	Security, commodity brokers & services	-	166.4	165.2	141.8	142.6	-	145.9	144.8	123.4	125.1
63	Insurance carriers	-	971.9	967.4	923.2	923.2	-	680.8	679.3	647.8	649.9
631	Life insurance	-	510.3	507.3	489.5	490.2	-	295.7	294.6	282.8	284.2
632	Accident and health insurance	-	77.0	76.5	67.1	66.1	-	66.7	66.3	58.3	57.8
633	Fire, marine, and casualty insurance	-	344.3	343.3	328.1	327.9	-	285.0	285.0	274.9	275.5
64	Insurance agents, brokers, and service	-	256.2	255.7	241.1	243.6	-	-	-	-	-
65	Real estate	-	579.5	581.9	552.6	559.8	-	-	-	-	-
656	Operative builders	-	41.7	42.9	33.4	34.5	-	-	-	-	-
66,67	Other finance, insurance, & real estate	-	81.9	82.4	80.6	80.9	-	-	-	-	-
-	<b>SERVICES</b>	10,160	10,240	10,246	9,643	9,693	-	-	-	-	-
70	Hotels and other lodging places	646.3	654.1	664.7	625.3	629.7	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	596.9	606.4	570.1	572.5	-	554.5	563.9	531.9	534.7
72	Personal services	1,015.5	1,028.0	1,032.1	1,010.1	1,016.9	-	-	-	-	-
721	Laundries and dry cleaning plants	-	549.0	552.8	550.5	555.7	-	498.6	501.5	498.0	503.1
73	Miscellaneous business services	-	1,370.7	1,360.8	1,268.6	1,271.6	-	-	-	-	-
731	Advertising	-	113.1	112.8	111.5	111.5	-	-	-	-	-
732	Credit reporting and collection	-	71.9	71.9	68.3	69.4	-	-	-	-	-
78	Motion pictures	-	174.6	182.0	180.3	187.8	-	-	-	-	-
781	Motion picture filming & distributing	-	52.0	53.8	55.2	59.5	-	32.1	33.1	34.0	37.2
782,3	Motion picture theaters and services	-	122.6	128.2	125.1	128.3	-	-	-	-	-
80	Medical and other health services	2,534.9	2,531.2	2,520.3	2,312.1	2,290.2	-	-	-	-	-
806	Hospitals	-	1,590.8	1,584.5	1,475.5	1,465.1	-	-	-	-	-
81	Legal services	-	207.9	206.7	193.5	196.2	-	-	-	-	-
82	Educational services	1,137.7	1,144.7	1,144.6	1,046.9	1,048.7	-	-	-	-	-
821	Elementary and secondary schools	-	367.2	365.5	344.5	346.7	-	-	-	-	-
822	Colleges and universities	-	694.6	696.9	626.1	625.8	-	-	-	-	-
89	Miscellaneous services	-	520.4	517.8	496.2	491.6	-	-	-	-	-
891	Engineering & architectural services	-	279.6	279.1	266.5	266.8	-	-	-	-	-
892	Nonprofit research agencies	-	74.7	74.9	73.6	73.7	-	-	-	-	-
-	<b>GOVERNMENT</b>	11,979	12,129	12,011	11,366	11,497	-	-	-	-	-
91	<b>FEDERAL GOVERNMENT<sup>5</sup></b>	2,679	2,814	2,709	2,643	2,769	-	-	-	-	-
	Executive	-	2,779.9	2,675.2	2,609.3	2,736.4	-	-	-	-	-
	Department of Defense	-	1,097.3	1,103.9	1,084.3	1,076.3	-	-	-	-	-
	Post Office Department	-	829.1	708.8	697.2	837.8	-	-	-	-	-
	Other agencies	-	853.5	862.5	827.8	822.3	-	-	-	-	-
	Legislative	-	27.4	27.5	27.0	26.0	-	-	-	-	-
	Judicial	-	6.4	6.4	6.2	6.1	-	-	-	-	-
92,93	<b>STATE AND LOCAL GOVERNMENT</b>	9,300	9,315	9,302	8,723	8,728	-	-	-	-	-
92	State government	-	2,408.2	2,418.1	2,289.8	2,282.0	-	-	-	-	-
	State education	-	980.9	996.8	891.2	891.2	-	-	-	-	-
	Other State government	-	1,427.3	1,421.3	1,398.6	1,390.8	-	-	-	-	-
93	Local government	-	6,906.9	6,884.1	6,433.0	6,445.7	-	-	-	-	-
	Local education	-	4,017.9	3,999.4	3,693.7	3,704.5	-	-	-	-	-
	Other local government	-	2,889.0	2,884.7	2,739.3	2,741.2	-	-	-	-	-

<sup>1</sup>Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in wholesale and retail trade; finance, insurance, and real estate; transportation and public utilities; and services. Transportation and public utilities, and services are included in Total Private but are not shown separately in this table.

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

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

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

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

\*Not available.

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

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3: Women employees on nonagricultural payrolls, by industry**

SIC Code	Industry	October 1967		July 1967		October 1966	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<b>TOTAL</b> .....	23,993	36	22,705	34	22,897	35
	<b>PRIVATE SECTOR</b> .....	18,896	34	18,387	34	18,264	34
	<b>MINING</b> .....	35	6	35	6	34	5
10	<b>METAL MINING</b> .....	2.2	3	2.3	3	2.1	2
11,12	<b>COAL MINING</b> .....	2.3	2	2.2	2	2.3	2
13	<b>OIL AND GAS EXTRACTION</b> .....	25.1	9	25.4	9	24.7	9
131,2	Crude petroleum and natural gas fields .....	18.6	13	18.7	12	18.1	12
138	Oil and gas field services .....	6.5	5	6.7	5	6.6	5
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	5.3	4	5.3	4	5.2	4
142	Crushed and broken stone .....	1.9	4	1.9	4	1.9	4
144	Sand and gravel .....	1.7	4	1.7	4	1.6	4
	<b>CONTRACT CONSTRUCTION</b> .....	156	5	156	4	153	4
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	42.8	4	42.4	4	42.5	4
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	25.1	3	25.4	3	24.8	3
161	Highway and street construction .....	10.5	3	10.4	3	10.1	3
162	Heavy construction, n e c .....	14.6	4	15.0	4	14.7	4
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	88.1	5	87.7	5	86.0	5
171	Plumbing, heating, air conditioning .....	27.2	7	26.9	7	26.8	7
172	Painting, paper hanging, decorating .....	7.6	5	7.5	5	7.3	5
173	Electrical work .....	13.8	5	14.0	5	13.6	5
174	Masonry stonework, and plastering .....	8.0	4	8.5	4	8.6	4
176	Roofing and sheet metal work .....	7.3	6	7.3	6	7.2	6
	<b>MANUFACTURING</b> .....	5,456	28	5,186	27	5,453	28
19,24,25,32-39	<b>DURABLE GOODS</b> .....	2,292	20	2,190	20	2,306	20
20-23,26-31	<b>NONDURABLE GOODS</b> .....	3,164	39	2,996	38	3,147	39
	<i>Durable Goods</i>						
19	<b>ORDNANCE AND ACCESSORIES</b> .....	70.6	23	64.5	22	55.8	21
192	Ammunition, except for small arms .....	54.5	24	48.4	22	40.8	20
1925	Complete guided missiles .....	30.9	19	30.2	18	29.1	18
194	Sighting and fire control equipment .....	3.6	21	3.4	21	2.9	21
191,3,5,6,9	Other ordnance and accessories .....	12.5	22	12.7	23	12.1	23
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	56.6	9	55.4	9	54.0	9
241	Logging camps, & logging contractors .....	3.2	4	3.1	3	2.9	3
242	Sawmills and planing mills .....	12.1	5	12.9	5	11.0	5
2421	Sawmills and planing mills, general .....	9.0	5	9.3	5	8.0	4
243	Millwork, plywood & related products .....	17.4	11	16.9	10	18.3	10
2431	Millwork .....	8.8	12	8.4	12	7.5	11
2432	Veneer and plywood .....	7.2	10	6.8	9	7.2	9
244	Wooden containers .....	6.3	18	6.3	17	6.7	19
2441,2	Wooden boxes, shooks, and crates .....	5.0	19	5.1	18	5.3	19
249	Miscellaneous wood products .....	17.6	22	16.2	21	17.1	21
25	<b>FURNITURE AND FIXTURES</b> .....	101.4	22	94.0	21	100.4	21
251	Household furniture .....	77.2	24	70.8	23	76.7	23
2511	Wood household furniture .....	35.1	21	30.9	20	34.6	20
2512	Upholstered household furniture .....	23.6	29	21.7	28	23.4	28
2515	Mattresses and bedsprings .....	10.4	27	10.2	27	10.4	27
252	Office furniture .....	5.6	15	5.5	15	5.2	14
254	Partitions and fixtures .....	5.3	11	5.1	11	5.1	11
253,9	Other furniture and fixtures .....	13.3	26	12.6	25	13.4	25
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	100.6	16	99.7	15	102.0	16
321	Flat glass .....	1.8	6	1.8	6	1.7	5
322	Glass and glassware, pressed or blown .....	40.7	33	40.4	33	40.1	32
3221	Glass containers .....	25.7	36	36.5	36	24.3	35
3229	Pressed and blown glass n e c .....	15.0	29	13.9	28	15.8	29
324	Cement, hydraulic .....	1.4	4	1.4	4	1.4	4
325	Structural clay products .....	7.3	11	7.6	11	8.1	12
3251	Brick and structural clay tile .....	1.0	3	1.0	3	1.0	3
326	Pottery and related products .....	13.8	33	13.4	33	14.3	33
327	Concrete, gypsum, and plaster products .....	9.8	5	9.9	5	9.8	5
328,9	Other stone and nonmetallic mineral products .....	19.3	14	19.3	14	20.1	15
3291	Abrasive products .....	5.6	20	5.7	21	5.9	21

**ESTABLISHMENT DATA**  
**WOMEN EMPLOYEES**

**B-3: Women employees on nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	October 1967		July 1967		October 1966	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Durable Goods--Continued</i>						
	<b>PRIMARY METAL INDUSTRIES.....</b>	85.2	7	86.0	7	87.7	6
331	Blast furnace and basic steel products.....	26.3	4	27.4	4	27.2	4
3312	Blast furnaces and steel mills.....	20.1	4	20.8	4	20.4	4
332	Iron and steel foundries.....	11.5	6	11.4	5	12.1	5
3321	Gray iron foundries.....	5.6	5	5.5	5	5.8	4
3322	Malleable iron foundries.....	1.3	5	1.3	5	1.3	5
3323	Steel foundries.....	4.6	7	4.6	7	5.0	7
333,4	Nonferrous metals.....	3.1	5	3.6	4	3.2	4
335	Nonferrous rolling and drawing.....	28.1	14	28.0	13	29.7	14
3351	Copper rolling and drawing.....	3.5	9	3.6	8	3.8	8
3352	Aluminum rolling and drawing.....	6.0	9	5.9	9	5.9	8
3357	Nonferrous wire drawing and insulating.....	15.7	22	15.6	22	17.0	23
336	Nonferrous foundries.....	11.2	13	10.5	12	10.7	12
3361	Aluminum castings.....	4.2	9	4.0	9	3.9	9
3362,9	Other nonferrous castings.....	7.0	16	6.5	15	6.8	15
339	Miscellaneous primary metal products.....	5.0	7	5.1	7	4.8	7
3391	Iron and steel forgings.....	2.8	6	2.9	6	2.6	5
	<b>FABRICATED METAL PRODUCTS.....</b>	241.5	18	229.0	17	238.6	17
341	Metal cans.....	11.3	17	11.5	17	11.4	18
342	Cutlery, hand tools, and hardware.....	51.6	32	46.9	31	51.8	32
3421,3,5	Cutlery and hand tools, incl. saws.....	15.1	24	14.2	23	15.3	24
3429	Hardware, n e c.....	36.5	37	32.7	36	36.5	36
343	Plumbing and heating, except electric.....	11.6	15	11.1	14	11.9	15
3431,2	Sanitary ware & plumbers' brass goods.....	5.8	17	5.6	17	5.9	17
3433	Heating equipment, except electric.....	5.8	13	5.5	12	6.0	13
344	Fabricated structural metal products.....	37.6	9	37.4	9	35.3	9
3441	Fabricated structural steel.....	5.5	5	5.5	5	5.3	5
3442	Metal doors, sash, and trim.....	12.8	19	12.5	19	11.3	17
3443	Fabricated plate work (boiler shops).....	7.3	7	7.4	7	6.8	6
3444	Sheet metal work.....	8.3	12	8.3	11	8.2	11
3446,9	Architectural and misc. metal work.....	3.7	8	3.7	9	3.7	8
345	Screw machine products, bolts, etc.....	23.2	21	23.0	21	22.6	20
3451	Screw machine products.....	11.5	23	11.7	23	11.7	23
3452	Bolts, nuts, rivets, and washers.....	11.7	19	11.3	19	10.9	18
346	Metal stampings.....	47.1	22	43.2	20	46.1	19
347	Metal services, n e c.....	15.7	18	15.0	18	16.3	19
348	Misc. fabricated wire products.....	16.1	24	15.0	23	16.3	24
349	Misc. fabricated metal products.....	27.3	18	25.9	17	26.9	18
3494,8	Valves, pipe, and pipe fittings.....	14.3	16	14.0	15	1.3	11
	<b>MACHINERY, EXCEPT ELECTRICAL.....</b>	281.8	15	279.4	14	269.6	14
351	Engines and turbines.....	14.4	14	13.2	13	13.2	13
3511	Steam engines and turbines.....	3.9	11	3.8	11	3.3	10
3519	Internal combustion engines, n e c.....	10.5	15	9.4	14	9.9	14
352	Farm machinery.....	13.0	9	13.5	9	13.2	9
353	Construction and related machinery.....	24.1	10	24.4	9	24.0	9
3531,2	Construction and mining machinery.....	11.2	9	11.5	8	11.4	7
3533	Oil field machinery.....	3.3	8	3.3	8	3.2	8
3535,6	Conveyors, hoists, cranes, monorails.....	4.6	11	4.6	11	4.3	11
354	Metal working machinery.....	38.5	11	39.2	11	38.0	11
3541	Machine tools, metal cutting types.....	8.0	10	8.1	10	7.3	9
3544	Special dies, tools, jigs & fixtures.....	8.6	7	8.7	7	8.4	7
3545	Machine tool accessories.....	11.5	19	12.1	19	12.0	19
3542,8	Misc. metal working machinery.....	10.4	13	10.3	13	10.3	13
355	Special industry machinery.....	22.7	11	22.8	11	23.1	11
3551	Food products machinery.....	5.1	12	5.3	12	5.1	12
3552	Textile machinery.....	4.6	12	4.8	12	5.1	11
3555	Printing trades machinery.....	3.8	12	3.7	12	3.6	12
356	General industrial machinery.....	47.8	17	47.9	16	46.4	16
3561	Pumps and compressors.....	10.8	13	10.8	13	10.4	13
3562	Ball and roller bearings.....	16.1	25	15.8	25	15.7	24
3566	Power transmission equipment.....	7.4	14	7.4	13	7.3	13
357	Office and computing machines.....	66.0	28	65.0	27	62.3	28
3571	Computing machines and cash registers.....	49.1	27	48.6	27	46.5	27
358	Service industry machines.....	20.5	16	20.4	15	18.7	15
3585	Refrigeration machinery.....	11.9	14	12.0	14	10.6	13
359	Misc. machinery, except electrical.....	34.8	15	33.0	14	30.7	14
	<b>ELECTRICAL EQUIPMENT AND SUPPLIES.....</b>	763.7	40	723.4	39	812.8	41
361	Electrical test & distributing equipment.....	61.6	31	60.9	31	63.6	32
3611	Electric measuring instruments.....	28.2	43	27.9	42	29.7	44
3612	Transformers.....	12.8	23	12.7	23	13.8	26
3613	Switchgear and switchboard apparatus.....	20.6	27	20.3	26	20.1	27

**ESTABLISHMENT DATA**  
**WOMEN EMPLOYEES**

**B-3: Women employees on nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	October 1967		July 1967		October 1966	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Durable Goods--Continued</i>							
<b>ELECTRICAL EQUIPMENT AND SUPPLIES--Continued</b>							
362	Electrical industrial apparatus . . . . .	68.4	32	69.1	32	74.3	34
3621	Motors and generators . . . . .	37.7	32	37.1	31	39.8	33
3622	Industrial controls . . . . .	21.6	37	22.6	38	24.4	40
363	Household appliances . . . . .	42.3	23	36.8	22	45.0	23
3632	Household refrigerators and freezers . . . . .	9.1	15	8.0	14	8.5	14
3633	Household laundry equipment . . . . .	4.2	15	3.5	14	3.6	13
3634	Electric housewares and fans . . . . .	20.4	48	16.8	45	24.0	49
364	Electric lighting and wiring equipment . . . . .	81.5	43	78.4	42	85.2	43
3641	Electric lamps . . . . .	22.3	66	21.9	66	23.7	67
3642	Lighting fixtures . . . . .	20.6	34	18.6	31	20.2	32
3643,4	Wiring devices . . . . .	38.6	40	37.9	40	41.3	42
365	Radio and TV receiving equipment . . . . .	94.2	60	79.6	58	100.5	57
366	Communication equipment . . . . .	176.6	35	172.7	34	169.0	35
3661	Telephone and telegraph apparatus . . . . .	57.5	44	57.4	44	55.5	43
3662	Radio and TV communication equipment . . . . .	119.1	31	115.3	31	113.5	32
367	Electronic components and accessories . . . . .	203.9	58	194.3	57	240.7	61
3671-3	Electron tubes . . . . .	31.7	49	31.9	50	41.3	53
3674,9	Other electronic components . . . . .	172.2	59	162.4	58	199.4	63
369	Misc. electrical equipment & supplies . . . . .	35.2	32	51.6	28	34.5	29
3694	Engine electrical equipment . . . . .	17.8	33	16.7	28	17.6	28
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	<b>221.8</b>	<b>12</b>	<b>214.2</b>	<b>11</b>	<b>209.7</b>	<b>11</b>
371	Motor vehicles and equipment . . . . .	73.3	10	67.6	9	76.7	9
3711	Motor vehicles . . . . .	25.5	8	22.4	7	23.4	6
3712	Passenger car bodies . . . . .	2.8	4	4.5	7	5.9	8
3713	Truck and bus bodies . . . . .	2.3	7	2.3	6	2.3	6
3714	Motor vehicle parts and accessories . . . . .	41.6	13	37.3	12	43.8	12
372	Aircraft and parts . . . . .	128.3	15	126.5	15	115.5	15
3721	Aircraft . . . . .	78.2	16	76.3	16	67.3	15
3722	Aircraft engines and engine parts . . . . .	30.4	14	30.6	14	29.0	14
3723,9	Other aircraft parts and equipment . . . . .	19.7	14	19.6	14	19.2	14
373	Ship and boat building and repairing . . . . .	7.6	5	7.4	5	6.2	4
3731	Ship building and repairing . . . . .	5.6	4	5.6	4	4.5	3
3732	Boat building and repairing . . . . .	2.0	7	1.8	6	1.7	5
374	Railroad equipment . . . . .	3.4	6	3.6	6	3.5	6
375,9	Other transportation equipment . . . . .	9.2	13	9.1	12	7.8	12
38	<b>INSTRUMENTS AND RELATED PRODUCTS . . . . .</b>	<b>162.8</b>	<b>36</b>	<b>161.3</b>	<b>35</b>	<b>160.9</b>	<b>36</b>
381	Engineering & scientific instruments . . . . .	22.1	25	21.7	25	20.3	25
382	Mechanical measuring & control devices . . . . .	37.0	35	37.0	34	39.4	35
3821	Mechanical measuring devices . . . . .	19.5	29	19.8	29	21.0	30
3822	Automatic temperature controls . . . . .	17.5	44	17.2	43	18.4	44
383,5	Optical and ophthalmic goods . . . . .	19.5	39	19.1	38	19.4	39
385	Ophthalmic goods . . . . .	14.0	45	13.8	44	14.2	45
384	Medical instruments and supplies . . . . .	31.6	48	31.4	48	31.0	49
386	Photographic equipment and supplies . . . . .	26.6	26	26.9	26	27.1	27
387	Watches, clocks, and watchcases . . . . .	26.0	62	25.2	62	23.7	61
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES . . . . .</b>	<b>206.0</b>	<b>46</b>	<b>182.9</b>	<b>43</b>	<b>214.7</b>	<b>46</b>
391	Jewelry, silverware, and plated ware . . . . .	20.8	40	18.3	38	20.0	39
394	Toys and sporting goods . . . . .	72.5	55	59.9	51	78.9	58
3941-3	Games, toys, dolls, & play vehicles . . . . .	51.2	60	40.1	56	58.1	64
3949	Sporting and athletic goods, n e c . . . . .	21.3	45	19.8	45	20.8	46
395	Pens, pencils, office and art supplies . . . . .	17.9	52	17.6	51	18.7	53
396	Costume jewelry and notions . . . . .	34.6	57	31.1	56	34.6	57
393,8,9	Other manufacturing industries . . . . .	60.2	35	36.0	34	62.5	35
393	Musical instruments and parts . . . . .	7.9	31	6.9	28	8.2	29
<i>Nondurable Goods</i>							
20	<b>FOOD AND KINDRED PRODUCTS . . . . .</b>	<b>497.1</b>	<b>27</b>	<b>452.3</b>	<b>25</b>	<b>490.9</b>	<b>26</b>
201	Meat products . . . . .	92.6	28	91.9	27	92.8	28
2011	Meat packing plants . . . . .	27.0	14	27.8	14	27.2	14
2013	Sausages and other prepared meats . . . . .	16.3	30	16.3	30	16.0	30
2015	Poultry dressing plants . . . . .	49.3	55	47.8	55	49.6	56
202	Dairy products . . . . .	41.9	16	44.1	16	41.9	15
2024	Ice cream and frozen desserts . . . . .	6.2	22	7.3	22	6.3	22
2026	Fluid milk . . . . .	25.2	13	26.2	13	25.3	13
203	Canned, cured, and frozen foods . . . . .	154.0	46	121.6	41	154.5	48
2031,6	Canned, cured, and frozen sea foods . . . . .	24.5	63	28.4	62	26.6	63
2032,3	Canned food, except sea foods . . . . .	77.9	41	52.9	35	70.3	42
2037	Frozen fruits and vegetables . . . . .	32.5	51	25.5	45	37.2	54

# ESTABLISHMENT DATA WOMEN EMPLOYEES

## B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	October 1967		July 1967		October 1966	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	<b>FOOD AND KINDRED PRODUCTS-- Continued</b>						
204	Grain mill products . . . . .	18.9	15	19.0	14	18.0	14
2041	Flour and other grain mill products . . . . .	3.1	10	3.0	10	2.9	10
2042	Prepared feeds for animals and fowls . . . . .	6.9	12	7.0	11	6.9	12
205	Bakery products . . . . .	73.9	25	73.1	25	68.7	24
2051	Bread, cake, and related products . . . . .	52.3	21	50.5	20	46.7	19
2052	Cookies and crackers . . . . .	21.6	49	22.6	50	22.0	50
206	Sugar . . . . .	3.9	9	2.4	9	4.1	9
207	Confectionery and related products . . . . .	43.8	52	35.4	48	44.0	51
2071	Confectionery products . . . . .	38.0	54	30.1	51	38.3	54
208	Beverages . . . . .	30.8	13	28.3	12	29.6	13
2082	Malt liquors . . . . .	3.8	6	3.9	6	4.0	7
2086	Bottled and canned soft drinks . . . . .	12.4	10	12.6	9	11.4	9
209	Misc. foods and kindred products . . . . .	37.3	26	36.5	25	37.3	26
21	<b>TOBACCO MANUFACTURES . . . . .</b>	48.0	48	34.0	44	45.3	47
211	Cigarettes . . . . .	14.9	37	14.8	36	14.7	37
212	Cigars . . . . .	15.4	72	15.1	71	15.8	72
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	434.6	45	414.8	44	435.3	45
221	Weaving mills, cotton . . . . .	93.7	40	91.5	39	92.5	39
222	Weaving mills, synthetics . . . . .	34.7	36	32.9	36	34.7	36
223	Weaving and finishing mills, wool . . . . .	16.3	37	15.9	36	15.6	36
224	Narrow fabric mills . . . . .	18.2	58	17.0	57	18.4	57
225	Knitting mills . . . . .	161.5	69	154.3	68	164.6	69
2251	Women's hosiery, except socks . . . . .	43.1	77	40.0	77	42.0	77
2252	Hosiery, n e c . . . . .	29.4	73	30.0	73	33.1	73
2253	Knit outerwear mills . . . . .	53.3	73	48.9	72	54.8	74
2254	Knit underwear mills . . . . .	24.7	71	24.1	71	24.8	70
226	Textile finishing, except wool . . . . .	20.5	25	19.8	25	19.9	25
227	Floor covering mills . . . . .	15.6	33	14.0	32	14.5	32
228	Yarn and thread mills . . . . .	52.0	45	49.8	45	52.8	45
229	Miscellaneous textile goods . . . . .	22.1	29	19.6	27	22.3	29
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS . . . . .</b>	1,120.2	80	1,065.6	80	1,135.5	80
231	Men's and boys' suits and coats . . . . .	84.7	71	83.1	71	86.8	71
232	Men's and boys' furnishings . . . . .	308.7	84	301.6	84	316.5	85
2321	Men's and boys' shirts and nightwear . . . . .	111.1	87	107.2	88	116.2	88
2327	Men's and boys' separate trousers . . . . .	63.9	82	63.3	82	65.0	82
2328	Men's and boys' work clothing . . . . .	65.9	84	65.5	83	69.4	84
233	Women's and misses' outerwear . . . . .	359.6	83	338.3	83	354.6	83
2331	Women's and misses' blouses and waists . . . . .	47.1	89	46.0	89	47.7	89
2335	Women's and misses' dresses . . . . .	176.8	86	161.7	85	172.7	85
2337	Women's and misses' suits and coats . . . . .	69.6	73	66.7	72	67.7	73
2339	Women's and misses' outerwear, n e c . . . . .	66.1	85	63.9	85	66.5	85
234	Women's and children's undergarments . . . . .	106.5	87	102.4	87	112.9	87
2341	Women's and children's underwear . . . . .	71.4	88	68.5	87	75.6	89
2342	Corsets and allied garments . . . . .	35.1	85	33.9	85	37.3	84
235	Hats, caps, and millinery . . . . .	16.1	67	15.5	65	19.0	68
236	Children's outerwear . . . . .	65.3	85	66.9	85	68.4	85
2361	Children's dresses and blouses . . . . .	29.8	88	30.9	89	30.6	88
237,8	Fur goods and miscellaneous apparel . . . . .	61.1	73	53.1	71	61.8	73
239	Misc. fabricated textile products . . . . .	118.2	67	104.7	65	115.5	65
2391,2	Housefurnishings . . . . .	46.3	74	40.8	73	45.8	74
26	<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	150.1	22	144.9	21	146.9	22
261,2,6	Paper and pulp mills . . . . .	24.9	11	24.5	11	24.2	11
263	Paperboard mills . . . . .	6.2	9	6.4	9	6.4	9
264	Misc. converted paper products . . . . .	65.8	36	63.4	35	63.6	36
2643	Bags, except textile bags . . . . .	15.1	35	14.1	35	14.8	37
265	Paperboard containers and boxes . . . . .	53.2	25	50.6	24	52.7	25
2651,2	Folding and setup paperboard boxes . . . . .	24.3	36	22.1	34	24.4	36
2653	Corrugated and solid fiber boxes . . . . .	14.4	14	14.0	14	14.6	15
27	<b>PRINTING AND PUBLISHING . . . . .</b>	330.0	31	329.1	31	315.5	30
271	Newspapers . . . . .	86.0	24	86.4	24	82.3	23
272	Periodicals . . . . .	35.9	47	35.4	47	34.8	48
273	Books . . . . .	42.3	45	44.6	46	40.6	45
275	Commercial printing . . . . .	90.7	27	87.3	26	85.8	26
2751	Commercial printing, ex. lithographic . . . . .	56.3	26	53.9	26	52.7	25
2752	Commercial printing, lithographic . . . . .	30.5	26	29.7	26	29.3	27

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3: Women employees on nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	October 1967		July 1967		October 1966	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	<b>PRINTING AND PUBLISHING--Continued</b>						
278	Blankbooks and bookbinding .....	28.1	50	29.2	50	27.4	49
274,6,7,9	Other publishing & printing ind.....	47.0	34	46.2	34	44.6	33
	<b>CHEMICALS AND ALLIED PRODUCTS</b>	201.2	20	199.2	20	191.2	20
281	Industrial chemicals .....	32.8	11	33.3	11	31.4	10
2812	Alkalies and chlorines .....	2.0	8	2.1	8	2.0	8
2818	Industrial organic chemicals, nec.....	16.5	13	16.7	13	15.8	13
2819	Industrial inorganic chemicals, nec.....	8.7	9	9.0	9	8.4	9
282	Plastics materials and synthetics .....	33.3	16	33.2	16	33.6	16
2821	Plastics materials and resins .....	8.6	9	8.8	10	8.3	9
2823,4	Synthetic fibers .....	23.7	24	23.3	24	24.2	23
283	Drugs .....	53.0	39	53.5	39	50.3	39
2834	Pharmaceutical preparations .....	42.4	42	42.9	42	40.5	42
284	Soap, cleaners, and toilet goods .....	45.3	39	42.3	37	43.2	38
2841	Soap and other detergents .....	9.1	23	9.1	23	8.7	22
2844	Toilet preparations .....	26.4	57	23.6	55	25.4	57
285	Paints and allied products .....	11.0	16	11.1	16	10.6	16
287	Agricultural chemicals .....	5.1	10	5.2	10	4.9	9
2871,2	Fertilizers, complete & mixing only.....	2.9	8	3.0	8	2.8	7
286,9	Other chemical products .....	20.7	19	20.6	19	17.2	18
	<b>PETROLEUM AND COAL PRODUCTS</b>	17.3	9	17.4	9	16.8	9
291	Petroleum refining .....	13.3	9	13.4	9	12.9	9
295,9	Other petroleum and coal products .....	4.0	10	4.0	10	3.9	11
	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	168.8	32	149.0	32	166.6	32
301	Tires and inner tubes .....	13.1	12	10.6	13	13.1	12
302,3,6	Other rubber products .....	61.1	34	52.9	33	63.0	35
307	Miscellaneous plastics products .....	94.6	39	85.5	37	90.5	39
	<b>LEATHER AND LEATHER PRODUCTS</b>	196.6	56	189.3	55	202.7	56
311	Leather tanning and finishing .....	4.0	13	3.6	12	3.8	12
314	Footwear, except rubber .....	138.0	61	135.7	61	144.5	61
312,3,5-7,9	Other leather products .....	54.6	57	50.0	56	54.4	58
317	Handbags and personal leather goods .....	27.1	69	24.2	67	28.2	69
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	838	20	845	19	803	19
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b>	23.5	9	18.2	7	22.5	8
411	Local and suburban transportation .....	4.6	6	4.5	6	4.3	5
412	Taxicabs .....	5.0	5	4.8	4	4.8	4
413	Intercity highway transportation .....	4.4	10	4.6	10	4.3	10
	<b>TRUCKING AND WAREHOUSING</b>	89.4	9	88.9	8	85.2	8
422	Public warehousing .....	12.4	13	11.5	13	12.0	13
	<b>TRANSPORTATION BY AIR</b>	73.9	24	72.2	24	63.1	24
451,2	Air transportation .....	71.4	26	69.8	26	61.1	26
	<b>PIPE LINE TRANSPORTATION</b>	1.5	8	1.5	8	1.5	8
	<b>COMMUNICATION</b>	482.8	50	494.5	50	469.2	50
481	Telephone communication .....	445.2	55	458.0	56	434.9	55
483	Radio and television broadcasting .....	27.4	23	26.5	22	25.1	22
	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	96.3	15	98.2	15	94.0	15
491	Electric companies and systems .....	39.7	15	40.6	15	38.8	15
492	Gas companies and systems .....	24.9	16	25.0	16	24.5	16
493	Combination companies and systems .....	25.8	14	26.6	15	24.8	14
494-7	Water, steam, & sanitary systems .....	5.9	13	6.0	13	5.9	14
	<b>WHOLESALE AND RETAIL TRADE</b>	5,377	39	5,214	38	5,202	39
	<b>WHOLESALE TRADE</b>	819	23	792	22	798	23
501	Motor vehicles & automotive equipment .....	50.5	19	49.6	18	47.7	18
502	Drugs, chemicals, and allied products .....	70.7	33	68.8	32	67.9	32
503	Dry goods and apparel .....	67.0	44	64.9	43	64.0	44
504	Groceries and related products .....	112.1	21	105.7	20	114.2	22
506	Electrical goods .....	67.6	24	67.7	23	65.3	24
507	Hardware; plumbing & heating equipment .....	34.0	22	34.2	22	33.9	22
508	Machinery, equipment, and supplies .....	121.4	18	121.0	18	116.3	18
509	Miscellaneous wholesalers .....	268.4	22	264.3	22	260.5	22

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3: Women employees on nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	October 1967		July 1967		October 1966	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
52-59	<b>RETAIL TRADE</b> . . . . .	4,558	45	4,422	44	4,404	45
53	<b>RETAIL GENERAL MERCHANDISE</b> . . . . .	1,425.4	69	1,334.9	69	1,381.6	69
531	Department stores . . . . .	899.4	69	846.1	68	869.2	68
532	Mail order houses . . . . .	82.4	63	66.9	60	82.1	63
533	Variety stores . . . . .	268.9	79	250.7	79	261.9	80
54	<b>FOOD STORES</b> . . . . .	549.1	34	530.2	34	527.3	34
541-3	Grocery, meat, and vegetables stores . . . . .	444.7	31	429.9	31	429.6	31
56	<b>APPAREL AND ACCESSORY STORES</b> . . . . .	452.6	66	426.2	65	440.2	66
561	Men's & boys' clothing & furnishings . . . . .	44.2	39	42.8	38	41.9	38
562	Women's ready-to-wear stores . . . . .	223.6	89	211.3	88	223.0	89
565	Family clothing stores . . . . .	79.2	70	76.2	69	76.3	70
566	Shoe stores . . . . .	49.4	36	46.1	36	45.0	35
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b> . . . . .	127.5	29	125.4	29	122.8	29
571	Furniture and home furnishings . . . . .	83.0	30	81.6	30	80.7	29
58	<b>EATING AND DRINKING PLACES</b> . . . . .	1,236.2	57	1,249.9	57	1,204.7	57
52,55,59	<b>OTHER RETAIL TRADE</b> . . . . .	767.3	24	755.2	23	726.9	23
52	Building materials and farm equipment . . . . .	84.5	16	84.9	15	83.6	16
55	Automotive dealers & service stations . . . . .	27.7	13	28.3	13	161.3	11
551,2	Motor vehicle dealers . . . . .	78.5	11	78.8	11	76.8	10
553,9	Other automotive & accessory dealers . . . . .	27.7	13	28.3	13	26.2	13
59	Miscellaneous retail stores . . . . .	513.9	44	499.9	44	482.0	44
591	Drug stores and proprietary stores . . . . .	256.9	58	249.6	58	245.4	58
596	Farm and garden supply stores . . . . .	19.4	20	15.4	16	17.2	18
598	Fuel and ice dealers . . . . .	18.6	17	17.3	17	18.3	17
-	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> . . . . .	1,650	50	1,655	50	1,570	50
60	Banking . . . . .	540.1	62	543.2	62	513.6	62
61	Credit agencies other than banks . . . . .	188.4	54	189.8	54	180.5	54
612	Savings and loan associations . . . . .	64.5	64	64.7	64	60.2	63
614	Personal credit institutions . . . . .	89.8	49	90.9	48	87.8	48
62	Security, commodity brokers & services . . . . .	54.2	33	51.9	33	46.2	32
63	Insurance carriers . . . . .	480.4	50	480.7	50	453.3	49
631	Life insurance . . . . .	213.8	42	211.6	42	205.8	42
632	Accident and health insurance . . . . .	54.8	73	55.0	73	45.8	72
633	Fire, marine, and casualty insurance . . . . .	189.7	56	192.1	56	180.0	55
64	Insurance agents, brokers, and service . . . . .	144.1	57	144.7	57	135.1	56
65	Real estate . . . . .	202.1	34	204.8	34	201.3	35
656	Operative builders . . . . .	5.8	14	5.5	13	5.5	14
66,67	Other finance, insurance & real estate . . . . .	40.4	49	40.1	49	40.2	50
	<b>SERVICES</b> . . . . .	5,384	53	5,296	52	5,049	52
	Hotels and other lodging places:						
701	Hotels, tourist courts, and motels . . . . .	308.1	50	340.2	50	302.2	50
72	Personal services . . . . .	637.6	62	620.4	60	619.8	61
721	Laundries and dry cleaning plants . . . . .	368.5	66	372.7	66	373.7	66
73	Miscellaneous business services . . . . .	457.2	34	449.8	34	431.7	34
731	Advertising . . . . .	47.2	42	47.0	41	45.6	40
732	Credit reporting and collection . . . . .	51.1	72	50.8	72	49.4	72
78	Motion pictures . . . . .	59.8	32	66.5	33	60.8	32
781	Motion picture filming & distributing . . . . .	13.6	26	14.2	26	14.1	25
782,3	Motion picture theaters and services . . . . .	46.2	35	58.3	35	46.7	35
80	Medical and other health services . . . . .	1,987.2	80	1,957.2	79	1,786.9	79
806	Hospitals . . . . .	1,280.1	81	1,268.5	81	1,178.5	81
81	Legal services . . . . .	129.1	63	128.2	62	119.7	62
82	Educational services . . . . .	521.1	46	390.8	42	468.0	45
821	Elementary and secondary schools . . . . .	204.7	57	150.8	51	196.4	58
822	Colleges and universities . . . . .	279.7	41	207.5	37	237.1	39
89	Miscellaneous services . . . . .	110.0	21	109.9	21	102.5	21
891	Engineering & architectural services . . . . .	38.7	14	39.1	14	35.9	14
892	Nonprofit research agencies . . . . .	21.5	29	20.5	27	20.4	28
	<b>GOVERNMENT</b> . . . . .	5,097	43	4,318	38	4,633	41
91	<b>FEDERAL GOVERNMENT</b> . . . . .	670	25	694	25	619	24
92,93	<b>STATE AND LOCAL GOVERNMENT</b> . . . . .	4,427	48	3,624	43	4,014	47
92	State government . . . . .	969.7	41	914.4	40	893.8	40
	State education . . . . .	389.7	41	317.6	41	343.9	40
	Other State government . . . . .	580.0	41	596.8	40	549.9	40
	Local government . . . . .	3,456.8	51	2,709.1	44	3,120.2	49
	Local education . . . . .	2,590.9	66	1,823.5	57	2,328.4	64
	Other local government . . . . .	865.9	30	885.6	30	791.8	29

# ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

1957-59=100

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	51.6	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	34.1	-	-
1920.....	52.1	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	33.2	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.2	-	-
1922.....	49.2	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.3	-	-
1923.....	54.1	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.2	-	-
1924.....	53.4	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.3	34.7	-	-
1925.....	54.8	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.7	-	-
1926.....	56.8	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.3	-	-
1927.....	57.1	144.7	55.7	60.3	95.6	54.1	-	-	54.0	45.9	37.2	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	38.2	-	-
1929.....	59.7	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	39.1	24.1	45.0
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	40.1	23.8	46.6
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.6	25.3	48.0
1932.....	45.0	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	41.1	25.2	47.3
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.4	25.5	46.2
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	42.0	29.4	47.0
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.4	34.0	48.4
1936.....	55.4	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.2	46.7	37.3	50.5
1937.....	59.1	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.9	37.6	51.9
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.5	37.4	54.2
1939.....	58.3	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.9	40.9	54.9
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.6	45.0	56.9
1941.....	69.6	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.4	60.5	58.9
1942.....	76.4	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.2	69.9	100.0	58.1
1943.....	80.8	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	77.5	131.2	56.4
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	77.0	132.2	55.3
1945.....	76.9	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.8	126.8	55.7
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.4	71.3	101.8	59.3
1947.....	83.5	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.2	69.8	85.5	63.6
1948.....	85.5	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	72.0	84.1	67.2
1949.....	83.4	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.3	74.6	86.2	70.1
1950.....	86.1	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.8	87.1	72.8
1951.....	91.1	120.6	90.2	98.8	103.7	89.2	90.0	88.9	78.7	80.9	81.4	104.0	72.6
1952.....	93.0	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	84.2	109.3	74.4
1953.....	95.6	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.7	104.1	77.1
1954.....	93.3	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.0	86.0	98.8	81.0
1955.....	96.5	102.9	97.1	101.7	101.6	96.5	96.5	96.4	92.3	91.0	88.1	98.8	83.9
1956.....	99.8	106.8	103.9	104.1	104.1	99.4	99.6	99.4	96.0	94.8	92.7	99.8	90.0
1957.....	100.7	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	97.1	100.1	95.9
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.7	99.9	99.0	100.3
1959.....	101.5	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.4	103.0	100.9	103.9
1960.....	103.3	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.7	106.5	102.5	108.0
1961.....	102.9	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	111.2	109.5	102.9	112.1
1962.....	105.9	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	116.4	113.3	105.7	116.3
1963.....	108.0	82.5	102.6	102.4	95.8	107.8	107.2	108.1	113.7	120.7	117.6	106.5	121.9
1964.....	111.1	82.3	105.6	104.1	96.9	111.3	110.1	111.8	116.9	126.3	122.3	106.1	128.7
1965.....	115.8	82.1	110.4	108.8	99.0	116.4	114.4	117.2	119.5	131.8	128.6	107.4	137.0
1966.....	121.8	81.2	114.0	115.6	101.8	121.0	118.7	121.8	122.6	138.4	138.6	115.8	147.5
1967.....	125.8	79.6	113.1	116.5	104.6	125.2	122.8	126.1	127.6	146.1	148.0	122.8	158.0
1967: January...	124.8	81.2	114.7	117.8	104.1	123.8	121.3	124.6	124.6	142.7	144.3	120.5	153.7
February...	125.1	81.0	116.1	117.5	104.2	124.0	121.6	124.9	125.1	143.3	145.0	120.7	154.5
March.....	125.2	81.0	114.8	117.2	104.2	124.1	122.1	124.9	125.7	144.2	145.8	121.3	155.4
April.....	125.0	80.5	113.5	116.5	103.3	124.3	122.4	124.9	126.2	144.6	146.3	121.4	156.0
May.....	125.0	80.1	110.6	115.9	104.7	124.6	122.5	125.4	126.7	144.8	146.9	121.9	156.7
June.....	125.5	80.4	110.4	116.2	104.7	125.0	122.8	125.8	127.5	145.5	148.3	124.1	157.8
July.....	125.5	80.9	111.9	115.5	105.3	125.0	122.8	125.8	127.8	146.1	148.7	124.6	158.2
August....	126.0	78.7	111.6	116.4	105.1	125.1	123.2	125.8	128.6	146.9	149.3	124.0	159.2
September..	125.8	78.1	112.2	115.3	104.6	125.6	123.1	126.5	129.0	147.4	148.7	122.6	159.0
October....	126.1	77.5	112.1	115.5	104.3	126.1	123.2	127.2	129.2	147.9	149.7	122.5	160.4
November...	127.4	77.5	113.9	117.0	105.2	127.3	124.4	128.3	130.0	149.3	150.9	121.9	162.3
December..	127.8	77.8	115.9	117.4	105.3	126.9	124.0	128.0	130.6	149.9	151.5	122.3	162.9
1968: January...	127.8	77.4	111.7	117.7	105.2	127.2	124.0	128.4	130.9	150.4	152.0	122.1	163.8

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 and 1967 annual averages are preliminary.



# ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

Industry division and group	Jan. 1968	Dec. 1967	Nov. 1967	Oct. 1967	Sept. 1967	Aug. 1967	July 1967	June 1967	May 1967	Apr. 1967	Mar. 1967	Feb. 1967	Jan. 1967
<b>TOTAL</b> .....	67,146	67,110	66,918	66,243	66,055	66,190	65,939	65,903	65,639	65,653	65,749	65,692	65,564
<b>MINING</b> .....	596	599	597	597	601	606	623	619	617	620	624	624	625
<b>CONTRACT CONSTRUCTION</b> ....	3,226	3,346	3,289	3,236	3,238	3,223	3,231	3,187	3,192	3,276	3,313	3,352	3,311
<b>MANUFACTURING</b> .....	19,533	19,490	19,422	19,169	19,142	19,318	19,169	19,285	19,238	19,331	19,445	19,507	19,558
<b>DURABLE GOODS</b> .....	11,458	11,400	11,364	11,143	11,149	11,351	11,218	11,285	11,283	11,322	11,434	11,482	11,507
Ordnance and accessories .....	307	305	303	300	299	297	292	290	286	288	286	283	277
Lumber and wood products .....	599	598	593	592	585	585	585	590	584	592	602	603	607
Furniture and fixtures .....	469	466	458	455	451	451	447	452	453	455	459	465	466
Stone, clay, and glass products ..	641	642	634	628	622	626	625	626	624	628	638	640	642
Primary metal industries .....	1,288	1,290	1,289	1,267	1,262	1,281	1,280	1,295	1,299	1,305	1,332	1,348	1,362
Fabricated metal products .....	1,374	1,370	1,354	1,332	1,331	1,356	1,350	1,357	1,348	1,354	1,364	1,372	1,374
Machinery, except electrical .....	1,965	1,939	1,980	1,932	1,966	1,976	1,969	1,972	1,972	1,979	1,984	1,984	1,988
Electrical equipment .....	1,932	1,924	1,919	1,896	1,882	1,916	1,889	1,872	1,904	1,916	1,947	1,959	1,958
Transportation equipment .....	1,984	1,976	1,951	1,862	1,873	1,980	1,896	1,947	1,927	1,916	1,932	1,938	1,938
Instruments and related products ..	459	457	455	454	452	456	455	454	454	456	456	454	453
Miscellaneous manufacturing .....	440	433	428	425	426	427	430	430	432	433	434	436	442
<b>NONDURABLE GOODS</b> .....	8,075	8,090	8,058	8,026	7,993	7,967	7,951	8,000	7,955	8,009	8,011	8,025	8,051
Food and kindred products .....	1,791	1,786	1,785	1,783	1,777	1,751	1,790	1,806	1,797	1,800	1,803	1,798	1,795
Tobacco manufactures .....	84	87	89	82	81	85	89	87	86	86	84	85	89
Textile mill products .....	963	964	957	954	950	946	940	948	941	945	952	954	963
Apparel and other textile products ..	1,386	1,400	1,389	1,384	1,377	1,381	1,376	1,396	1,395	1,390	1,384	1,401	1,414
Paper and allied products .....	691	691	687	685	682	687	689	688	679	680	684	681	680
Printing and publishing .....	1,071	1,071	1,069	1,065	1,064	1,067	1,066	1,066	1,064	1,063	1,065	1,056	1,053
Chemicals and allied products .....	1,009	1,008	1,002	1,001	993	992	989	990	982	984	981	984	983
Petroleum and coal products .....	192	193	193	192	191	190	191	189	187	187	186	187	187
Rubber and plastics products, nec ..	535	535	533	529	529	521	479	472	520	521	521	523	527
Leather and leather products .....	353	355	354	351	349	347	342	351	352	354	351	356	360
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,288	4,290	4,287	4,251	4,262	4,283	4,292	4,266	4,267	4,212	4,246	4,247	4,242
<b>WHOLESALE AND RETAIL TRADE</b> .....	13,896	13,864	13,900	13,776	13,719	13,664	13,647	13,648	13,609	13,572	13,557	13,541	13,515
<b>WHOLESALE TRADE</b> .....	3,592	3,592	3,602	3,567	3,565	3,569	3,555	3,555	3,549	3,545	3,535	3,521	3,512
<b>RETAIL TRADE</b> .....	10,304	10,272	10,298	10,209	10,154	10,095	10,092	10,093	10,060	10,027	10,022	10,020	10,003
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,311	3,303	3,290	3,270	3,264	3,253	3,234	3,227	3,205	3,194	3,179	3,165	3,152
<b>SERVICES</b> .....	10,367	10,333	10,297	10,199	10,161	10,130	10,074	10,035	9,987	9,973	9,946	9,883	9,840
Hotels and other lodging places ..	708	709	711	704	695	692	692	691	692	701	699	689	686
Personal services .....	1,025	1,025	1,030	1,027	1,029	1,029	1,024	1,016	1,014	1,023	1,028	1,025	1,019
Medical and other health services ..	2,545	2,541	2,523	2,501	2,485	2,471	2,451	2,444	2,413	2,398	2,372	2,350	2,321
Educational services .....	1,102	1,101	1,094	1,079	1,054	1,055	1,053	1,026	1,038	1,034	1,026	1,018	1,014
<b>GOVERNMENT</b> .....	11,929	11,885	11,836	11,745	11,668	11,713	11,669	11,636	11,524	11,475	11,439	11,373	11,321
<b>FEDERAL</b> .....	2,703	2,708	2,698	2,712	2,715	2,746	2,759	2,747	2,698	2,688	2,685	2,673	2,667
<b>STATE AND LOCAL</b> .....	9,226	9,177	9,138	9,033	8,953	8,967	8,910	8,889	8,826	8,787	8,754	8,700	8,654

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

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

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

(In thousands)

Major industry group	Jan. 1968	Dec. 1967	Nov. 1967	Oct. 1967	Sept. 1967	Aug. 1967	July 1967	June 1967	May 1967	Apr. 1967	Mar. 1967	Feb. 1967	Jan. 1967
<b>MANUFACTURING . . .</b>	14,363	14,331	14,278	14,034	14,003	14,191	14,056	14,170	14,147	14,233	14,358	14,436	14,506
<b>DURABLE GOODS . . .</b>	8,371	8,328	8,294	8,083	8,091	8,299	8,170	8,240	8,254	8,286	8,407	8,459	8,502
Ordnance and accessories . . .	162	159	157	157	154	155	151	149	147	147	146	143	140
Lumber and wood products . . .	520	519	515	513	508	509	508	512	507	514	525	524	530
Furniture and fixtures . . .	387	384	377	374	370	369	366	371	375	374	379	384	385
Stone, clay, and glass products . .	511	514	505	500	494	497	498	498	495	499	509	509	512
Primary metal industries . . .	1,023	1,032	1,031	1,009	1,003	1,024	1,023	1,037	1,042	1,049	1,073	1,091	1,106
Fabricated metal products . . .	1,059	1,060	1,045	1,024	1,023	1,048	1,041	1,048	1,041	1,046	1,059	1,065	1,068
Machinery, except electrical . .	1,361	1,333	1,372	1,329	1,365	1,375	1,368	1,372	1,373	1,380	1,388	1,392	1,398
Electrical equipment and supplies . .	1,302	1,295	1,289	1,270	1,260	1,290	1,265	1,251	1,284	1,298	1,332	1,345	1,348
Transportation equipment . . .	1,410	1,405	1,380	1,289	1,297	1,410	1,326	1,377	1,361	1,347	1,363	1,371	1,373
Instruments and related products . . .	288	287	285	283	281	285	285	285	287	289	289	288	289
Miscellaneous manufacturing industries . . . . .	348	340	338	335	336	337	339	340	342	343	344	347	353
<b>NONDURABLE GOODS . . .</b>	5,992	6,003	5,984	5,951	5,912	5,892	5,886	5,930	5,893	5,947	5,951	5,977	6,004
Food and kindred products . . .	1,196	1,190	1,188	1,185	1,175	1,148	1,185	1,201	1,196	1,195	1,200	1,197	1,196
Tobacco manufactures . . .	72	74	77	70	69	72	76	75	74	73	72	73	77
Textile mill products . . .	853	855	848	847	842	839	834	841	835	838	845	848	856
Apparel and other textile products . . .	1,224	1,237	1,231	1,223	1,218	1,223	1,220	1,239	1,235	1,232	1,226	1,243	1,254
Paper and allied products . . .	535	536	533	531	527	534	536	535	525	526	531	529	527
Printing and publishing . . .	674	672	673	669	669	673	674	673	672	673	674	670	668
Chemicals and allied products . . .	598	598	595	594	585	585	585	583	580	583	580	585	585
Petroleum and coal products . . .	121	120	121	121	120	118	119	119	117	118	116	117	117
Rubber and plastics products, n e c . . .	413	414	412	408	407	401	362	362	354	402	403	406	411
Leather and leather products . . . . .	306	307	306	303	300	299	295	302	305	307	304	309	313

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

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966
1	ALABAMA	950.9	944.7	944.7	8.1	8.1	8.1	50.3	52.8	53.1	291.3	291.4	292.4
2	Birmingham	227.2	225.7	224.3	3.9	3.9	4.1	12.7	13.2	12.7	63.5	63.6	65.1
3	Huntsville	77.8	77.8	79.5	(1)	(1)	(1)	2.6	3.2	3.5	12.1	12.2	12.4
4	Mobile	99.5	99.9	103.8	(1)	(1)	(1)	6.1	6.1	6.0	20.9	21.2	21.6
5	Montgomery	65.8	65.1	63.8	(1)	(1)	(1)	4.8	5.0	4.6	9.8	9.7	9.9
6	Tuscaloosa	33.5	33.0	32.6	(1)	(1)	(1)	1.7	1.8	1.8	9.1	9.0	8.5
7	ALASKA	72.0	73.7	69.9	1.8	1.8	1.5	3.9	5.4	4.2	4.5	4.9	5.0
8	ARIZONA	455.3	449.2	448.5	8.2	7.9	16.6	23.4	23.9	23.2	79.7	80.7	79.5
9	Phoenix	273.4	269.8	264.3	.3	.3	.2	13.8	14.1	13.0	62.9	63.6	61.5
10	Tucson	88.1	86.6	86.4	3.8	3.5	4.3	5.1	5.2	5.4	8.4	8.5	8.7
11	ARKANSAS	501.1	503.5	493.4	4.6	4.6	4.7	31.9	35.9	30.3	151.6	152.4	150.3
12	Fayetteville	23.3	23.6	22.9	(1)	(1)	(1)	1.4	1.4	1.0	6.9	7.2	7.3
13	Fort Smith	42.4	43.0	41.0	.5	.5	.7	3.4	3.7	2.9	14.3	14.8	13.0
14	Little Rock-North Little Rock	108.4	107.3	105.5	(1)	(1)	(1)	9.8	9.8	8.7	20.9	20.7	20.2
15	Pine Bluff	23.6	23.5	23.7	(1)	(1)	(1)	1.6	1.6	1.9	5.5	5.5	5.5
16	CALIFORNIA	6,557.4	6,503.6	6,321.1	31.9	32.1	31.7	272.9	286.1	259.8	1,607.4	1,624.1	1,559.1
17	Anaheim-Santa Ana-Garden Grove	364.0	359.5	340.0	1.8	1.8	1.9	16.0	16.5	15.6	126.9	127.5	115.7
18	Bakersfield	88.0	88.2	85.6	7.8	7.9	8.0	3.7	3.9	3.8	8.6	8.7	8.7
19	Fresno	108.3	110.3	105.0	.9	.9	.9	5.0	5.1	5.4	15.3	16.9	14.9
20	Los Angeles-Long Beach	2,787.8	2,751.9	2,714.5	10.0	10.1	9.5	99.1	100.7	98.7	879.5	879.2	857.5
21	Oxnard-Ventura	79.8	80.2	77.1	2.1	2.1	2.4	2.7	2.8	3.1	13.1	13.6	12.5
22	Sacramento	249.3	248.9	244.9	.3	.3	.2	10.1	10.9	9.4	24.9	26.0	26.5
23	San Bernardino-Riverside-Ontario	264.6	262.0	260.5	2.1	2.1	2.3	10.1	10.8	11.5	46.8	47.2	46.6
24	San Diego	326.2	321.7	309.9	.4	.4	.4	14.2	14.8	12.7	61.4	61.1	61.0
25	San Francisco-Oakland	1,201.5	1,189.9	1,159.8	1.5	1.5	1.5	57.6	61.1	53.9	200.8	202.9	200.0
26	San Jose	344.0	342.7	317.1	.2	.2	.1	15.4	16.8	12.9	120.9	122.0	109.3
27	Santa Barbara	74.0	74.1	72.6	1.3	1.3	1.1	3.1	3.2	3.5	10.4	10.6	11.0
28	Santa Rosa	42.8	43.6	41.7	.2	.2	.2	1.9	2.1	1.7	6.1	6.9	5.7
29	Stockton	82.7	83.9	81.5	.1	.1	.1	3.3	3.5	3.3	13.7	14.8	14.0
30	Vallejo-Napa	65.8	65.8	62.0	.3	.3	.2	1.8	1.9	1.8	6.8	7.2	5.9
31	COLORADO	665.4	662.1	642.7	12.7	12.7	12.8	33.3	35.2	31.4	104.7	104.7	103.4
32	Denver	423.5	419.7	407.9	4.0	4.0	3.7	21.4	22.4	20.3	75.5	75.4	73.2
33	CONNECTICUT	1,144.6	1,128.7	1,133.0	(2)	(2)	(2)	48.9	49.9	51.5	478.2	478.1	486.7
34	Bridgeport	152.9	149.8	151.3	(2)	(2)	(2)	5.8	6.1	5.5	78.5	78.3	78.2
35	Hartford	308.3	306.9	306.2	(2)	(2)	(2)	12.5	13.2	12.5	111.6	114.0	115.5
36	New Britain	46.3	46.0	45.7	(2)	(2)	(2)	1.6	1.9	1.5	25.6	25.5	25.6
37	New Haven	152.8	150.3	149.3	(2)	(2)	(2)	7.8	8.2	7.9	47.1	47.0	48.3
38	Stamford	75.1	73.2	72.4	(2)	(2)	(2)	3.8	3.9	3.7	26.0	25.7	25.0
39	Waterbury	78.1	77.4	77.1	(2)	(2)	(2)	2.7	2.8	2.5	41.2	41.3	41.3
40	DELAWARE	198.6	198.2	195.8	(1)	(1)	(1)	13.8	14.8	14.0	71.4	71.8	71.0
41	Wilmington	178.4	177.4	176.5	(1)	(1)	(1)	11.3	12.1	11.5	68.2	68.2	68.9
42	DISTRICT OF COLUMBIA <sup>3</sup>	(4)	673.3	654.9	(4)	(1)	(1)	(4)	22.9	24.9	(4)	21.3	21.3
43	Washington SMSA	(4)	1,030.5	1,002.3	(4)	(1)	(1)	(4)	63.7	66.6	(4)	42.7	43.0
44	FLORIDA	1,855.6	1,821.5	1,806.3	10.8	10.8	11.0	136.1	136.9	140.1	300.1	296.6	292.0
45	Fort Lauderdale-Hollywood	125.3	120.4	121.4	(1)	(1)	(1)	11.9	11.8	14.6	14.5	14.2	14.1
46	Jacksonville	176.5	174.6	174.1	(1)	(1)	(1)	10.9	10.8	11.1	23.4	23.7	24.0
47	Miami	408.3	398.4	391.5	(1)	(1)	(1)	25.7	25.3	24.9	64.0	63.6	60.5
48	Orlando	120.3	116.5	115.0	(1)	(1)	(1)	9.7	9.6	8.4	20.2	19.5	20.7
49	Pensacola	62.3	61.6	59.7	(1)	(1)	(1)	5.5	5.3	4.8	14.0	14.0	14.1
50	Tampa-St. Petersburg	264.1	259.0	256.6	(1)	(1)	(1)	19.1	19.4	19.4	49.4	48.9	47.9
51	West Palm Beach	90.6	86.9	87.1	(1)	(1)	(1)	7.7	7.7	8.5	15.7	15.7	15.8
52	GEORGIA	1,387.2	1,378.7	1,354.5	6.1	6.1	5.9	68.2	69.1	66.3	431.1	431.5	430.2
53	Atlanta	527.6	524.5	515.8	(1)	(1)	(1)	23.5	24.0	24.0	115.1	115.1	117.6

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

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division.

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	
54.6	54.9	50.6	188.4	178.9	184.8	38.9	38.8	38.3	126.1	126.0	124.0	193.2	193.8	193.4	1
17.3	17.3	16.1	54.0	52.0	53.5	15.8	15.7	15.5	30.3	30.3	29.2	29.7	29.7	28.1	2
1.9	1.9	2.0	12.4	11.0	12.7	1.9	1.9	1.9	19.5	20.0	19.8	27.4	27.6	27.2	3
9.8	10.0	9.4	24.6	24.2	24.4	4.3	4.3	4.4	15.6	15.5	15.5	18.2	18.6	22.5	4
4.4	4.4	4.3	15.7	14.9	15.0	4.4	4.4	4.4	9.2	9.2	9.0	17.5	17.5	16.7	5
1.5	1.5	1.4	5.7	5.4	5.8	1.1	1.0	1.0	3.0	3.0	3.1	11.4	11.3	11.0	6
7.0	7.0	6.8	11.7	11.5	11.2	2.3	2.3	2.3	7.9	8.0	7.9	32.9	32.8	31.0	7
26.5	26.5	26.6	109.8	104.6	106.2	23.2	23.2	22.5	75.5	74.9	70.8	109.0	107.5	103.1	8
14.9	14.9	15.0	68.4	64.9	66.3	16.9	16.9	16.5	44.2	43.9	41.8	52.0	51.2	50.0	9
5.2	5.2	5.2	20.3	19.4	19.7	3.6	3.5	3.5	16.3	16.1	15.2	25.4	25.2	24.4	10
29.9	30.6	31.8	101.8	99.2	101.8	19.6	19.6	18.8	66.6	66.6	63.8	95.1	94.6	91.9	11
1.8	1.9	1.8	4.9	4.8	4.8	.5	.5	.5	2.6	2.6	2.5	5.2	5.2	5.0	12
2.6	2.6	2.7	8.8	8.6	8.8	1.3	1.3	1.3	5.7	5.7	5.8	5.8	5.9	6.0	13
8.8	8.9	9.2	23.8	22.8	23.4	8.2	8.2	8.0	15.9	16.0	15.6	21.0	20.9	20.3	14
3.1	3.2	3.0	4.6	4.4	4.5	.8	.8	.8	2.8	2.8	2.9	5.1	5.1	5.2	15
438.9	437.4	426.1	1,454.6	1,391.4	1,419.5	324.8	324.5	316.0	1,104.7	1,101.6	1,057.6	1,322.2	1,306.4	1,251.3	16
11.0	11.0	10.9	80.0	76.5	76.6	14.5	14.5	13.5	56.7	55.4	53.1	57.1	56.3	52.7	17
5.9	6.2	5.8	20.3	19.7	19.7	2.7	2.7	2.7	13.5	13.7	12.8	25.5	25.4	24.1	18
8.6	8.7	8.1	29.3	29.3	29.1	4.8	4.8	4.6	18.6	19.3	17.8	25.8	25.3	24.2	19
166.5	165.1	162.0	618.2	591.1	611.7	148.7	148.5	144.4	483.5	481.3	466.2	382.3	375.9	364.5	20
3.8	3.8	3.6	17.7	17.2	17.5	2.6	2.6	2.4	11.8	12.0	11.4	26.0	26.1	24.2	21
17.8	17.9	18.0	54.5	52.5	53.0	9.5	9.6	9.7	32.1	32.1	30.8	100.1	99.6	97.3	22
17.9	17.8	17.4	59.7	56.6	59.9	8.8	8.8	9.0	48.3	48.0	45.7	70.9	70.7	68.1	23
18.0	18.0	16.7	72.3	68.7	68.9	14.0	13.9	13.4	59.7	58.9	56.2	86.2	85.9	80.6	24
127.0	126.3	123.3	268.4	255.8	260.1	84.7	84.7	82.2	196.1	195.4	188.6	265.4	262.2	250.2	25
14.7	14.7	14.3	64.3	60.7	59.2	11.0	11.1	10.4	65.3	65.4	60.7	52.2	51.8	50.2	26
3.7	3.7	3.5	16.5	16.2	16.3	2.7	2.7	2.8	17.3	17.3	16.5	19.0	19.1	17.9	27
2.5	2.6	2.5	10.9	10.6	10.9	3.0	3.0	3.1	6.7	6.8	6.6	11.5	11.4	11.0	28
6.4	6.7	6.5	20.0	19.6	19.6	2.7	2.7	2.6	13.0	13.0	12.0	23.5	23.5	23.4	29
3.4	3.5	3.3	11.7	11.2	11.0	1.7	1.7	1.7	9.3	9.4	9.0	30.8	30.6	29.1	30
46.9	46.8	46.6	157.4	153.1	154.4	33.6	33.5	32.0	111.5	111.2	106.2	165.3	164.9	155.9	31
32.4	32.5	32.7	107.7	103.8	105.4	25.5	25.4	24.3	76.3	76.0	72.0	80.7	80.2	76.3	32
49.5	49.4	49.3	219.3	205.6	211.5	65.0	64.6	61.2	151.1	150.5	144.6	132.6	130.6	128.2	33
6.2	6.1	6.1	28.1	26.1	27.6	4.4	4.3	4.2	17.0	16.7	16.9	13.0	12.1	12.8	34
10.7	10.8	10.5	62.3	59.1	60.7	37.8	37.7	35.8	38.5	38.6	37.8	35.0	33.6	33.6	35
1.9	1.9	2.0	7.7	7.2	7.6	1.1	1.1	1.0	4.4	4.4	4.4	4.1	4.0	3.6	36
13.6	13.6	13.2	31.8	30.8	30.1	7.3	7.3	7.2	27.9	27.5	26.3	17.2	15.9	16.2	37
2.8	2.8	2.8	17.1	15.8	17.0	3.4	3.4	3.1	14.4	14.3	13.5	7.6	7.3	7.4	38
3.0	2.9	2.9	12.5	11.8	12.0	1.9	1.9	1.8	9.2	9.2	9.1	7.7	7.5	7.4	39
11.2	11.1	11.0	40.9	39.4	40.4	8.0	8.0	7.6	24.3	24.3	24.8	29.0	28.8	27.0	40
9.4	9.3	9.3	35.4	33.9	34.8	7.3	7.3	7.0	22.1	22.1	22.1	24.7	24.5	22.9	41
(4)	30.8	31.1	(4)	89.5	92.0	(4)	32.9	31.9	(4)	124.8	119.6	(4)	351.1	334.1	42
(4)	55.8	53.7	(4)	194.0	199.3	(4)	64.6	60.7	(4)	210.8	199.2	(4)	398.9	379.8	43
124.5	123.6	119.6	500.5	482.0	496.1	104.0	103.4	101.4	319.6	311.9	304.4	360.0	356.3	341.7	44
6.4	6.2	6.4	39.2	36.2	36.5	7.8	7.7	7.6	25.4	24.4	23.1	20.1	19.9	19.1	45
19.0	18.2	18.7	50.5	49.4	49.4	16.0	15.9	15.2	25.3	25.2	25.2	31.4	31.4	30.5	46
44.5	44.2	41.5	109.6	103.4	107.4	25.3	25.1	25.1	84.3	82.1	82.6	54.9	54.7	49.5	47
6.7	6.6	6.7	37.7	35.4	36.3	7.3	7.3	7.1	19.7	19.2	18.1	19.0	18.9	17.7	48
3.3	3.2	3.1	13.2	12.9	12.8	2.3	2.3	2.3	6.8	6.7	6.5	17.2	17.2	16.1	49
18.3	18.4	17.6	76.5	73.1	74.7	14.7	14.6	14.8	43.7	43.0	41.8	42.4	41.6	40.4	50
4.2	4.2	4.1	23.5	22.2	22.1	5.5	5.5	5.4	18.3	16.1	17.0	15.7	15.5	14.2	51
92.2	92.5	89.7	303.3	293.8	297.0	64.9	64.9	63.0	155.0	155.3	150.5	266.4	265.5	251.9	52
50.8	50.6	49.0	147.0	143.7	143.2	36.7	36.7	35.4	74.7	75.0	71.5	79.8	79.4	75.1	53

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

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966
GEORGIA (continued)													
1	Augusta .....	85.6	85.3	80.1	(1)	(1)	(1)	8.1	8.4	4.8	30.2	30.1	30.0
2	Columbus .....	66.9	66.6	65.0	(1)	(1)	(1)	5.1	5.2	4.9	18.9	18.9	18.5
3	Macon .....	75.7	74.5	74.6	(1)	(1)	(1)	3.7	3.7	3.3	15.5	15.7	14.8
4	Savannah .....	61.3	60.4	59.0	(1)	(1)	(1)	4.0	3.9	3.6	15.7	15.6	15.6
HAWAII .....													
5	Honolulu .....	243.8	241.4	234.9	(1)	(1)	(1)	18.4	18.2	17.7	21.5	21.4	22.1
6	Honolulu .....	206.9	204.7	198.8	(1)	(1)	(1)	16.0	15.9	15.3	14.9	14.8	14.9
IDAHO .....													
7	Boise .....	191.3	192.2	186.6	3.0	3.1	3.6	9.8	10.8	9.4	37.6	38.4	36.2
8	Boise .....	35.0	34.6	34.1	(1)	(1)	(1)	1.9	2.0	1.8	3.5	3.6	3.6
ILLINOIS .....													
9	Chicago .....	4,260.9	4,238.3	4,207.3	23.5	24.2	24.7	175.8	186.8	171.4	1,365.7	1,374.7	1,409.9
10	Chicago .....	(4)	2,933.7	2,918.0	(4)	6.0	5.9	(4)	112.9	106.4	(4)	973.1	969.8
11	Chicago-Northwestern Indiana .....	(4)	3,143.1	3,128.7	(4)	6.1	6.0	(4)	125.6	118.3	(4)	1,077.3	1,096.1
12	Davenport-Rock Island-Moline .....	(4)	131.4	131.7	(4)	(2)	(2)	(4)	7.5	6.9	(4)	46.5	49.5
13	Peoria .....	(4)	124.6	123.7	(4)	(2)	(2)	(4)	8.1	7.3	(4)	47.2	48.6
14	Rockford .....	(4)	107.6	105.7	(4)	(2)	(2)	(4)	4.5	4.2	(4)	57.2	57.1
INDIANA .....													
15	Evansville .....	1,802.7	1,792.6	1,786.2	7.1	7.3	7.1	81.5	87.7	74.8	716.3	714.7	733.7
16	Evansville .....	84.7	84.2	85.0	1.9	1.9	2.0	3.8	4.1	3.8	33.8	33.6	33.9
17	Fort Wayne .....	111.8	111.0	111.2	(1)	(1)	(1)	5.1	5.4	5.2	42.9	42.9	44.6
18	Gary-Hammond-East Chicago .....	211.2	209.5	210.7	(1)	(1)	(1)	12.4	12.7	11.9	105.0	104.3	106.3
19	Indianapolis .....	401.6	400.3	400.3	(1)	(1)	(1)	17.8	18.7	17.7	133.0	133.5	136.7
20	Muncie .....	44.9	44.7	44.9	(1)	(1)	(1)	1.5	1.6	1.8	18.9	18.9	19.8
21	South Bend .....	95.7	94.7	96.0	(1)	(1)	(1)	3.6	3.7	3.6	36.4	36.2	36.9
22	Terre Haute .....	51.8	52.1	51.2	.7	.9	.8	1.8	2.2	1.8	14.3	14.4	14.2
IOWA .....													
23	Cedar Rapids .....	850.0	858.0	829.0	3.1	3.4	3.2	40.3	44.2	36.7	210.1	221.5	219.6
24	Cedar Rapids .....	65.7	65.3	63.5	(1)	(1)	(1)	2.8	2.9	2.8	27.9	27.7	27.3
25	Des Moines .....	117.6	117.8	118.3	(1)	(1)	(1)	5.6	5.9	5.5	22.5	23.0	24.4
26	Sioux City .....	41.6	41.8	40.0	(1)	(1)	(1)	2.1	2.4	2.1	9.8	9.9	9.1
27	Waterloo .....	43.2	49.8	49.7	(1)	(1)	(1)	1.8	1.9	1.9	14.4	21.1	21.7
KANSAS .....													
28	Topeka .....	669.8	666.6	656.7	11.6	11.6	12.2	32.0	32.9	29.7	144.2	144.3	146.0
29	Topeka .....	59.0	58.4	57.8	.1	.1	.1	3.7	3.8	3.2	8.3	8.2	8.1
30	Wichita .....	151.0	150.4	151.2	2.4	2.4	3.0	5.9	6.1	5.9	55.5	55.5	56.8
KENTUCKY .....													
31	Lexington .....	842.0	834.7	839.8	31.7	32.3	32.6	40.6	45.3	45.5	227.0	222.5	229.4
32	Lexington .....	77.3	73.4	74.2	(1)	(1)	(1)	4.0	4.8	4.2	18.3	16.4	18.8
33	Louisville .....	306.7	305.3	293.9	(1)	(1)	(1)	14.1	15.6	14.1	112.2	112.0	105.8
LOUISIANA .....													
34	Baton Rouge .....	1,032.7	1,024.4	1,006.2	51.6	51.5	51.8	92.5	92.9	93.5	180.7	182.0	173.8
35	Baton Rouge .....	101.0	100.5	99.9	.3	.3	.3	15.0	15.3	14.6	17.5	17.5	17.2
36	Lake Charles .....	41.1	40.4	37.6	1.3	1.3	1.2	5.8	5.2	4.8	9.5	9.6	8.1
37	Monroe .....	37.1	35.8	35.0	.5	.5	.5	5.1	5.2	4.2	6.1	6.1	6.2
38	New Orleans .....	369.3	366.2	367.6	12.8	12.7	12.5	28.2	28.5	29.3	58.7	59.1	57.9
39	Shreveport .....	89.2	88.7	85.8	5.2	5.3	5.3	6.4	6.6	6.6	14.5	14.3	12.9
MAINE .....													
40	Lewiston-Auburn .....	315.3	314.4	310.4	(1)	(1)	(1)	13.3	15.4	14.5	116.2	115.8	114.9
41	Lewiston-Auburn .....	28.3	28.0	28.3	(1)	(1)	(1)	1.1	1.1	1.1	14.0	13.8	14.2
42	Portland .....	61.0	60.5	59.3	(1)	(1)	(1)	3.2	3.4	3.2	15.3	15.3	14.5
MARYLAND .....													
43	Baltimore .....	1,224.5	1,215.8	1,180.3	2.9	2.5	2.5	81.7	86.3	82.7	280.3	282.6	282.2
44	Baltimore .....	755.7	748.1	734.7	.9	.9	.9	40.4	42.8	41.3	203.2	203.3	203.9
MASSACHUSETTS .....													
45	Boston .....	2,165.4	2,138.0	2,139.1	(1)	(1)	(1)	85.9	90.0	82.0	694.4	694.0	700.9
46	Boston .....	1,253.7	1,232.7	1,225.8	(1)	(1)	(1)	50.4	52.6	48.7	302.6	301.5	304.2
47	Brockton .....	47.5	47.1	47.5	(1)	(1)	(1)	1.8	2.0	1.9	16.2	16.1	17.3
48	Fall River .....	45.1	44.9	44.6	(1)	(1)	(1)	(1)	(1)	(1)	21.6	21.5	21.4
49	Lawrence-Haverhill .....	76.8	77.1	72.4	(1)	(1)	(1)	1.9	2.1	2.0	39.7	39.9	36.4
50	Lowell .....	50.0	49.1	47.9	(1)	(1)	(1)	1.9	2.0	2.0	20.2	19.8	18.6
51	New Bedford .....	52.4	51.8	53.5	(1)	(1)	(1)	1.8	1.8	1.7	25.8	25.7	27.3
52	Springfield-Chicopee-Holyoke .....	189.5	188.1	191.3	(1)	(1)	(1)	7.5	8.0	7.0	72.9	73.4	75.4
53	Worcester .....	126.4	125.2	126.9	(1)	(1)	(1)	4.8	5.2	4.4	49.5	49.5	51.4

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

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	
4.0	4.0	3.7	14.2	13.7	13.4	2.9	2.9	2.7	7.7	7.7	7.5	18.5	18.5	18.0	1
3.1	3.1	3.0	12.6	12.0	12.6	3.3	3.3	3.2	7.0	7.1	6.9	16.9	17.0	15.9	2
3.2	3.2	3.1	14.2	12.8	14.4	3.8	3.8	3.4	7.5	7.6	7.8	27.8	27.7	27.8	3
6.4	6.4	6.3	13.7	12.9	13.2	2.8	2.8	2.7	7.6	7.7	7.6	11.1	11.1	10.0	4
18.4	18.6	17.6	58.6	56.7	57.0	14.8	14.7	13.9	44.4	44.7	41.8	67.7	67.1	64.8	5
15.8	15.9	15.0	50.7	48.9	48.9	13.5	13.4	12.7	36.6	36.9	35.0	59.4	58.9	57.0	6
14.0	14.0	14.2	47.0	45.6	46.7	7.3	7.2	7.2	28.0	27.9	27.1	44.6	45.2	42.2	7
3.1	3.1	3.0	10.3	9.9	10.1	2.3	2.3	2.3	5.4	5.2	5.1	8.5	8.5	8.2	8
291.3	291.7	286.4	957.7	929.1	932.6	212.3	211.9	206.7	639.9	641.6	608.2	594.6	578.4	567.2	9
(4)	208.1	206.9	(4)	661.4	667.0	(4)	167.1	162.0	(4)	478.6	454.8	(4)	326.5	325.3	10
(4)	221.1	219.8	(4)	696.4	702.5	(4)	172.7	167.6	(4)	497.0	472.4	(4)	346.9	346.0	11
(4)	7.1	7.0	(4)	28.2	27.9	(4)	5.1	4.9	(4)	16.3	15.6	(4)	20.7	19.9	12
(4)	6.5	6.7	(4)	27.8	27.4	(4)	4.7	4.6	(4)	16.5	15.5	(4)	13.8	13.7	13
(4)	3.5	3.3	(4)	19.6	19.6	(4)	2.9	2.9	(4)	12.0	11.1	(4)	7.9	7.5	14
96.1	96.3	97.3	358.5	347.7	350.6	69.3	69.2	67.3	194.3	193.7	185.8	279.8	276.2	269.6	15
5.0	5.1	5.1	18.6	18.0	18.4	3.0	3.1	3.1	10.5	10.5	10.4	8.1	7.9	8.3	16
7.5	7.4	7.4	27.0	26.1	25.9	5.4	5.4	5.4	13.7	13.7	13.1	10.2	10.1	9.6	17
13.0	13.0	12.8	35.9	35.0	35.5	5.6	5.6	5.6	18.5	18.5	17.9	20.8	20.4	20.7	18
26.9	26.8	26.2	90.5	88.6	91.3	26.7	26.7	25.2	46.3	46.3	44.4	60.4	59.7	58.8	19
2.3	2.3	2.4	8.6	8.3	8.5	1.3	1.3	1.3	4.7	4.7	4.4	7.6	7.6	6.7	20
4.7	4.7	4.8	20.8	20.0	20.9	4.7	4.7	4.7	15.2	15.3	15.2	10.3	10.1	9.9	21
4.2	4.2	4.3	13.6	13.3	13.4	1.7	1.7	1.7	5.7	5.6	5.5	9.8	9.8	9.5	22
50.7	50.8	49.8	209.3	204.5	203.1	38.3	37.9	37.0	132.4	132.2	123.9	165.9	163.4	155.8	23
3.3	3.3	3.2	14.0	13.5	13.7	3.2	3.2	2.9	8.9	9.0	8.2	5.8	5.9	5.6	24
8.6	8.7	8.4	31.5	30.7	31.4	12.7	12.6	12.9	19.7	19.7	19.2	17.2	17.2	16.7	25
3.2	3.2	3.1	11.9	11.6	11.6	2.0	2.0	1.9	6.8	7.1	6.7	5.9	5.8	5.7	26
2.7	2.7	2.6	9.8	9.5	9.6	1.4	1.4	1.3	6.8	6.8	6.4	6.6	6.7	6.3	27
51.4	51.7	51.5	150.4	146.3	149.4	27.3	27.0	26.6	93.4	93.9	90.5	159.5	158.9	150.8	28
7.3	7.3	7.4	12.9	12.3	13.1	3.5	3.5	3.2	9.4	9.4	9.1	14.0	13.9	13.8	29
7.9	7.9	7.7	32.7	31.6	32.6	6.2	6.2	6.2	22.4	22.7	21.3	18.2	18.2	17.9	30
58.0	57.7	57.8	182.8	172.4	175.9	31.9	31.9	30.8	114.5	114.6	110.0	155.5	158.0	157.7	31
3.7	3.7	3.3	15.1	14.1	14.2	3.1	3.1	3.1	10.9	10.7	10.3	22.3	20.6	20.2	32
21.8	21.9	22.0	66.0	63.8	63.3	14.9	14.8	14.5	41.2	41.3	40.5	36.5	36.0	33.6	33
92.9	92.7	91.1	238.7	229.7	231.7	45.1	45.0	44.2	136.2	135.0	132.0	195.0	195.6	188.1	34
5.1	5.1	5.0	21.0	20.2	20.1	5.2	5.4	5.1	13.0	12.9	12.8	23.8	23.7	20.8	35
3.3	3.5	3.2	8.1	7.7	7.9	1.4	1.4	1.4	4.9	4.9	4.7	6.8	6.8	6.3	36
2.2	2.2	2.2	10.6	9.2	9.8	1.7	1.7	1.6	4.7	4.7	4.6	6.2	6.2	5.9	37
47.5	47.0	46.2	90.0	87.4	90.5	20.9	20.9	20.9	62.0	61.4	61.2	49.1	49.1	49.1	38
8.8	8.8	8.8	23.5	22.9	23.0	4.1	4.1	4.0	12.1	12.1	11.8	14.6	14.6	13.5	39
16.6	16.8	16.9	61.7	59.4	60.4	11.1	11.0	10.4	34.9	35.2	34.0	61.5	60.8	59.3	40
1.0	1.0	1.0	5.9	5.7	5.9	.9	.9	.9	3.5	3.6	3.4	1.9	1.9	1.8	41
5.2	5.2	5.2	16.3	15.7	16.1	4.4	4.4	4.2	9.5	9.5	9.1	7.1	7.0	7.0	42
77.2	77.0	75.3	289.0	276.1	273.9	62.7	62.7	59.5	202.1	202.0	187.6	229.0	226.6	216.6	43
54.1	54.0	53.3	171.3	163.4	165.3	38.3	38.2	37.1	119.5	119.3	112.0	128.0	126.2	120.9	44
108.8	109.2	108.6	466.3	442.9	461.4	114.8	114.2	112.4	399.9	402.0	385.0	295.3	285.7	288.8	45
70.2	70.5	69.0	286.9	272.1	283.5	84.3	84.0	82.2	285.2	285.2	270.0	174.1	166.8	168.2	46
3.0	3.0	2.9	12.1	11.7	11.9	1.4	1.4	1.4	5.5	5.5	5.1	7.5	7.4	7.0	47
1.7	1.7	1.7	9.1	8.6	8.9	(1)	(1)	(1)	8.0	8.2	8.0	4.7	4.9	4.6	48
2.1	2.2	1.9	13.8	13.6	13.8	2.2	2.2	2.1	8.3	8.5	8.1	8.8	8.6	8.1	49
2.1	2.0	1.9	10.0	9.7	9.7	1.4	1.4	1.4	7.6	7.6	7.6	6.8	6.6	6.7	50
2.5	2.5	2.5	10.1	9.6	10.2	(1)	(1)	(1)	8.1	8.2	7.7	4.1	4.0	4.1	51
8.0	8.0	8.3	37.6	35.7	37.0	8.7	8.7	8.7	30.2	30.1	29.7	24.6	24.2	25.2	52
5.8	5.8	5.7	24.1	22.8	24.0	6.3	6.3	6.1	20.6	20.6	19.9	15.3	15.0	15.4	53

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966
1	MICHIGAN . . . . .	2,955.6	2,929.0	2,908.8	10.7	11.8	13.2	115.5	122.2	107.5	1,141.7	1,137.8	1,173.0
2	Ann Arbor . . . . .	99.2	98.4	96.4	(1)	(1)	(1)	3.6	3.9	3.5	35.2	34.7	35.4
3	Battle Creek . . . . .	56.6	56.7	56.9	(1)	(1)	(1)	1.9	2.1	1.8	24.8	24.9	25.7
4	Bay City . . . . .	30.3	30.4	30.8	(1)	(1)	(1)	1.2	1.2	1.5	12.9	13.1	13.3
5	Detroit . . . . .	1,486.7	1,469.6	1,458.0	1.1	1.1	.9	56.5	59.0	49.6	603.4	602.5	615.0
6	Flint . . . . .	155.4	153.9	157.7	(1)	(1)	(1)	6.2	6.4	5.9	82.7	82.5	86.2
7	Grand Rapids . . . . .	181.5	179.7	179.2	(1)	(1)	(1)	9.1	9.6	9.3	76.8	76.2	78.3
8	Jackson . . . . .	45.2	45.4	46.1	(1)	(1)	(1)	1.7	1.9	1.7	19.0	19.2	20.6
9	Kalamazoo . . . . .	70.8	70.3	69.5	(1)	(1)	(1)	3.4	3.6	3.3	29.7	29.6	30.0
10	Lansing . . . . .	127.3	126.9	124.1	(1)	(1)	(1)	5.0	5.2	4.5	39.0	39.3	39.7
11	Muskegon-Muskegon Heights . . . . .	52.3	52.0	51.9	(1)	(1)	(1)	1.6	1.7	1.8	28.2	28.3	29.0
12	Saginaw . . . . .	69.5	69.2	69.2	(1)	(1)	(1)	3.5	3.7	3.0	31.4	31.7	32.3
13	MINNESOTA . . . . .	1,201.9	1,199.5	1,164.4	14.0	15.0	13.6	60.6	69.3	58.6	298.5	294.7	290.1
14	Duluth-Superior . . . . .	54.0	54.9	53.6	(1)	(1)	(1)	2.3	2.5	2.5	9.8	9.8	10.4
15	Minneapolis-St. Paul . . . . .	726.7	720.4	703.9	(1)	(1)	(1)	35.1	38.9	35.1	200.1	196.4	194.3
16	MISSISSIPPI . . . . .	537.0	535.9	532.5	5.6	5.6	5.7	27.1	29.4	28.6	166.0	165.9	167.7
17	Jackson . . . . .	82.9	82.8	82.6	.7	.7	.8	4.9	5.4	5.1	13.3	13.2	14.2
18	MISSOURI . . . . .	1,605.0	1,593.4	1,585.5	7.9	7.9	8.1	67.8	71.6	73.6	450.8	448.0	452.9
19	Kansas City . . . . .	496.9	493.5	486.5	.6	.6	.6	23.1	24.7	22.5	130.6	130.7	132.6
20	St. Joseph . . . . .	31.3	30.9	31.9	(2)	(2)	(2)	1.5	1.7	1.5	10.1	9.8	10.7
21	St. Louis . . . . .	895.5	886.4	882.1	2.6	2.6	2.6	41.6	43.1	45.7	293.6	290.8	295.1
22	Springfield . . . . .	51.0	50.0	48.9	.1	.1	.1	2.2	2.4	2.2	14.5	13.6	13.1
23	MONTANA . . . . .	189.2	191.4	186.9	3.5	3.4	7.7	10.9	13.3	9.2	21.4	21.6	23.6
24	Billings . . . . .	27.8	27.4	26.3	(1)	(1)	(1)	1.8	2.0	1.4	3.2	3.1	3.1
25	Great Falls . . . . .	23.2	23.4	24.1	(1)	(1)	(1)	1.9	2.4	1.9	2.7	2.7	4.0
26	NEBRASKA . . . . .	453.8	451.2	440.8	1.5	1.5	1.6	22.9	24.3	20.7	81.1	80.8	78.0
27	Omaha . . . . .	192.1	190.6	188.1	(2)	(2)	(2)	11.2	11.5	10.2	37.3	36.9	37.9
28	NEVADA . . . . .	165.8	166.4	160.4	2.7	2.7	3.7	7.5	7.7	7.7	6.4	6.5	6.8
29	Las Vegas . . . . .	89.1	88.9	84.7	.3	.3	.2	3.3	3.3	2.9	3.5	3.5	3.7
30	Reno . . . . .	46.1	45.9	45.1	(7)	(7)	(7)	2.8	2.9	3.2	2.3	2.4	2.3
31	NEW HAMPSHIRE . . . . .	242.0	239.1	235.4	.3	.3	.3	11.4	12.4	11.3	99.7	98.8	98.4
32	Manchester . . . . .	50.4	49.6	49.8	(1)	(1)	(1)	2.7	2.8	2.6	18.6	18.5	18.6
33	NEW JERSEY . . . . .	2,432.4	2,432.4	2,408.8	3.0	3.1	3.0	108.1	114.3	110.4	866.1	870.7	887.4
34	Atlantic City . . . . .	57.5	58.7	56.9	-	-	-	4.1	4.0	3.8	9.6	9.6	9.9
35	Jersey City . . . . .	263.0	263.3	263.7	-	-	-	6.1	6.4	6.0	118.5	119.3	119.0
36	Newark . . . . .	768.0	766.2	763.3	.6	.6	.6	33.3	34.5	32.6	253.6	255.2	258.4
37	Paterson-Clifton-Passaic . . . . .	462.5	460.3	452.3	.4	.4	.4	24.1	25.3	23.5	183.9	184.6	182.8
38	Perth Amboy . . . . .	239.6	237.3	237.6	.8	.8	.8	11.8	12.1	11.0	102.7	102.6	109.2
39	Trenton . . . . .	125.0	124.3	125.0	(1)	(1)	(1)	4.4	4.4	4.3	41.0	41.3	43.0
40	NEW MEXICO . . . . .	274.2	273.8	274.4	14.9	14.6	16.5	15.9	17.5	16.1	17.4	17.5	18.7
41	Albuquerque . . . . .	100.0	99.6	98.1	(1)	(1)	(1)	5.7	6.1	5.5	7.7	7.8	8.6
42	NEW YORK . . . . .	(4)	6,976.5	6,904.8	(4)	9.5	9.5	(4)	266.7	252.9	(4)	1,932.1	1,924.2
43	Albany-Schenectady-Troy . . . . .	268.4	266.2	253.8	(1)	(1)	(1)	12.0	13.2	12.9	66.2	65.2	54.3
44	Binghamton . . . . .	104.8	105.0	104.9	(1)	(1)	(1)	4.2	5.2	4.2	45.3	45.3	47.3
45	Buffalo . . . . .	496.8	494.2	488.9	(1)	(1)	(1)	19.6	21.4	18.7	180.3	180.7	184.0
46	Elmira . . . . .	39.6	39.7	39.7	(1)	(1)	(1)	1.5	1.8	1.8	17.1	17.4	17.7
47	Monroe County . . . . .	299.3	296.3	289.7	(1)	(1)	(1)	15.1	15.9	13.4	134.4	134.9	132.9
48	Nassau and Suffolk Counties . . . . .	660.0	654.2	637.0	(1)	(1)	(1)	39.2	41.4	38.1	158.0	157.3	157.1
49	New York-Northeastern New Jersey . . . . .	(4)	6,492.3	6,417.5	(4)	5.3	5.1	(4)	247.9	235.8	(4)	1,799.7	1,793.3
50	New York SMSA . . . . .	(4)	4,764.6	4,700.6	(4)	3.5	3.3	(4)	169.8	162.7	(4)	1,136.3	1,123.9
51	New York City . . . . .	(4)	3,767.5	3,729.4	(4)	2.9	2.6	(4)	108.0	105.3	(4)	886.3	874.5
52	Rochester . . . . .	340.8	338.7	329.2	(1)	(1)	(1)	16.1	17.1	14.2	148.7	150.7	146.8
53	Rockland County . . . . .	51.1	51.0	49.3	(1)	(1)	(1)	3.0	3.2	3.1	14.2	14.2	14.3
54	Syracuse . . . . .	221.2	220.0	219.9	(1)	(1)	(1)	10.0	11.0	10.8	67.0	67.1	71.5
55	Utica-Rome . . . . .	112.5	113.0	112.9	(1)	(1)	(1)	3.3	3.9	3.5	42.0	43.2	44.3
56	Westchester County . . . . .	296.7	292.1	284.9	(1)	(1)	(1)	16.5	17.3	16.2	78.3	78.6	77.9

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

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government		
Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966
139.8	141.4	140.5	587.7	563.4	579.1	101.5	101.1	98.8	378.2	375.9	353.6	480.4	475.5	443.2
1.8	1.8	1.8	12.2	11.5	11.6	2.0	2.0	1.8	8.5	8.5	8.0	35.8	35.8	34.1
2.6	2.6	2.6	9.9	9.7	9.3	3.3	3.3	3.3	6.4	6.4	6.4	7.8	7.8	7.8
1.5	1.6	1.5	7.1	6.8	7.1	.7	.7	.7	3.6	3.6	3.6	3.4	3.4	3.1
75.9	76.9	75.1	317.7	303.1	308.4	60.7	60.3	59.6	199.0	196.2	182.7	172.5	170.6	166.7
5.1	5.1	5.3	25.5	23.8	26.2	3.7	3.6	3.5	15.0	15.0	14.3	17.3	17.3	16.2
9.7	9.8	10.0	41.2	39.6	38.3	6.5	6.5	6.2	22.6	22.7	22.2	15.6	15.4	14.9
3.8	3.8	3.7	8.8	8.6	8.3	1.2	1.2	1.2	4.6	4.6	4.5	6.2	6.1	6.1
2.4	2.4	2.3	12.8	12.4	12.2	2.0	2.0	2.0	7.8	7.8	7.6	12.7	12.5	12.2
3.3	3.3	3.3	22.5	21.6	22.2	4.5	4.4	3.8	13.7	13.6	12.9	39.2	39.4	37.6
2.4	2.4	2.3	8.8	8.3	8.0	1.4	1.4	1.2	5.1	5.0	4.7	4.8	4.8	4.8
4.4	4.4	4.7	13.8	13.3	13.4	1.8	1.8	1.7	7.3	7.2	7.2	7.3	7.1	6.8
84.2	85.2	83.7	295.6	287.5	286.9	56.2	56.2	54.3	182.5	181.8	173.9	210.3	209.9	203.2
7.6	8.6	7.1	13.3	13.0	13.0	1.9	1.9	1.9	9.8	9.8	9.6	9.3	9.3	9.0
53.9	54.3	54.3	181.1	175.5	175.7	41.9	41.8	40.0	117.3	116.7	111.1	97.2	96.9	93.3
26.7	27.3	27.8	107.1	103.1	104.8	18.3	18.3	17.9	60.3	60.3	60.5	125.9	125.9	119.6
5.2	5.2	5.0	19.1	18.6	19.0	6.0	6.0	5.7	14.3	14.3	14.1	19.4	19.3	18.7
124.5	122.6	122.8	363.6	354.0	357.7	87.2	87.1	84.1	239.5	239.8	232.3	263.7	262.4	254.0
49.1	48.4	48.8	125.8	121.9	121.0	30.6	30.5	29.5	72.3	72.5	68.1	64.8	64.2	63.4
2.1	2.1	2.1	8.1	7.8	8.5	1.3	1.3	1.3	4.1	4.1	4.0	4.1	4.1	3.8
65.3	65.5	66.8	191.1	185.3	185.9	44.9	44.7	43.0	138.2	137.7	134.3	118.2	116.7	108.7
4.2	4.2	4.3	12.3	12.0	12.3	2.1	2.1	2.0	8.3	8.4	7.9	7.3	7.2	7.0
17.5	17.8	17.5	46.3	44.9	45.3	7.3	7.3	7.2	28.4	28.4	27.4	53.9	54.7	49.0
3.0	3.0	2.8	8.8	8.3	8.4	1.4	1.4	1.5	4.9	4.9	4.8	4.7	4.7	4.3
2.1	2.1	2.2	6.4	6.1	6.2	1.4	1.4	1.3	3.8	3.8	3.8	4.9	4.9	4.7
36.5	36.6	36.8	116.6	113.4	113.8	26.7	26.7	25.9	74.0	73.7	70.9	94.5	94.3	93.2
20.6	20.7	20.7	49.9	48.7	48.8	15.1	15.2	14.8	30.3	30.1	29.3	27.5	27.4	26.6
11.6	11.7	11.4	31.9	30.8	31.6	6.4	6.4	6.3	65.8	67.4	61.5	33.5	33.2	31.4
5.3	5.4	5.2	16.4	15.8	16.3	3.3	3.3	3.2	42.7	43.1	39.8	14.3	14.2	13.4
4.4	4.4	4.4	10.4	10.0	10.2	2.5	2.5	2.4	14.6	14.8	14.2	9.1	8.9	8.4
10.4	10.2	9.8	46.0	43.8	44.3	9.3	9.2	9.0	34.9	34.6	33.0	30.0	29.8	29.3
3.0	3.0	3.0	11.8	11.1	11.7	2.9	2.9	2.8	7.5	7.4	7.2	3.9	3.9	3.8
165.4	166.7	164.1	504.9	492.5	491.9	108.4	107.8	103.6	342.3	345.6	327.9	334.2	331.7	320.5
3.1	3.1	3.2	15.2	15.5	15.1	2.9	2.9	2.9	11.7	12.7	11.7	10.9	10.9	10.3
35.3	36.1	35.7	41.3	40.3	40.5	8.2	8.2	8.3	26.2	26.1	25.6	27.4	26.9	26.3
56.3	56.5	56.0	153.6	149.9	153.7	53.2	52.8	50.6	118.1	118.1	116.3	99.3	98.6	95.1
24.9	24.9	23.9	109.6	105.4	105.9	15.0	15.0	14.5	59.5	60.1	57.6	45.1	44.6	43.7
10.6	10.7	10.6	49.0	46.2	45.0	4.9	5.0	4.8	23.5	23.5	22.3	36.3	36.4	33.9
6.6	6.6	6.6	21.6	20.7	21.2	4.6	4.6	4.4	21.8	21.8	21.3	25.0	24.9	24.2
20.0	20.3	20.3	60.0	57.9	59.9	11.0	10.9	11.2	50.6	50.9	48.7	84.4	84.2	83.0
6.6	6.7	6.7	25.0	24.2	25.0	5.7	5.7	5.5	23.8	23.8	22.5	25.5	25.3	24.3
(4)	494.2	491.4	(4)	1,424.8	1,462.3	(4)	534.3	512.7	(4)	1,226.2	1,186.3	(4)	1,088.7	1,065.5
15.3	15.3	15.2	54.5	53.6	56.5	9.8	9.8	9.6	41.8	41.9	40.3	68.9	67.3	64.8
4.8	4.8	4.7	18.0	17.5	17.9	3.0	3.0	2.9	11.2	11.2	10.9	18.3	18.1	17.0
32.8	32.9	32.3	102.1	98.2	98.2	17.5	17.5	17.0	69.1	69.5	65.7	75.5	74.0	72.9
1.5	1.5	1.5	7.7	7.4	7.6	.9	.9	.9	5.5	5.5	5.3	5.3	5.1	4.9
10.6	11.0	10.8	56.5	53.7	53.9	10.1	10.1	9.6	41.9	41.4	39.6	30.8	29.3	29.5
26.3	26.3	25.7	174.2	167.5	168.4	27.4	27.4	26.1	113.0	114.0	106.5	121.9	120.3	115.0
(4)	504.5	501.7	(4)	1,361.0	1,381.4	(4)	540.5	518.9	(4)	1,137.2	1,101.2	(4)	896.2	880.1
(4)	376.7	375.5	(4)	1,019.4	1,036.3	(4)	459.6	440.7	(4)	909.4	879.4	(4)	689.7	678.8
(4)	330.5	329.6	(4)	777.8	792.9	(4)	417.6	400.3	(4)	727.9	711.3	(4)	516.4	512.8
13.3	13.2	12.7	64.1	61.1	61.4	10.9	10.9	10.3	47.1	46.3	44.1	40.6	39.4	39.7
2.7	2.7	2.6	9.3	8.9	8.5	2.0	2.0	1.9	8.1	8.2	7.6	11.8	11.8	11.3
13.3	13.4	13.3	47.9	45.9	46.9	11.0	11.0	10.3	35.1	35.2	33.1	37.0	36.3	33.9
5.1	5.2	4.9	19.2	18.7	18.5	4.2	4.1	4.0	13.1	13.2	12.3	25.6	24.8	25.4
17.4	17.2	17.5	69.7	65.3	66.5	12.5	12.6	12.4	59.5	59.9	54.7	42.8	41.2	39.7



# ESTABLISHMENT DATA

## STATE AND AREA EMPLOYMENT

### B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966
1	NORTH CAROLINA	1,606.7	1,599.6	1,578.0	3.5	3.5	3.3	88.6	90.2	91.3	665.3	670.1	656.9
2	Asheville	-	-	-	-	-	-	-	-	-	19.0	19.3	21.3
3	Charlotte	155.4	154.8	153.4	(1)	(1)	(1)	10.3	10.4	10.6	39.0	39.0	39.1
4	Greensboro-High Point	-	-	-	-	-	-	7.0	7.1	7.7	50.6	50.4	50.2
5	Raleigh	-	-	-	-	-	-	-	-	-	15.1	15.2	15.0
6	Winston-Salem	-	-	-	-	-	-	-	-	-	41.6	41.3	40.2
7	NORTH DAKOTA	153.6	154.6	149.2	2.0	2.1	1.9	8.6	10.1	8.1	8.6	8.8	8.3
8	Fargo-Moorhead	36.5	36.6	36.0	(1)	(1)	(1)	2.5	2.9	2.2	2.8	2.8	2.8
9	OHIO	3,699.0	3,665.2	3,639.0	19.7	20.0	18.4	158.4	171.0	152.7	1,404.7	1,401.2	1,424.5
10	Akron	237.7	235.0	229.0	.3	.3	.2	8.3	8.9	7.4	98.2	98.1	96.9
11	Canton	128.6	128.1	128.1	.3	.3	.3	5.2	5.4	4.7	59.8	60.5	62.9
12	Cincinnati	487.2	482.9	472.4	.5	.5	.4	21.4	22.6	19.8	166.8	168.2	167.7
13	Cleveland	833.1	822.9	821.8	1.0	1.0	.9	33.5	35.4	32.1	306.3	307.0	317.3
14	Columbus	347.6	343.9	336.4	.8	.8	.7	16.5	18.2	15.2	84.8	84.2	85.9
15	Dayton	316.7	315.7	308.3	.6	.6	.5	12.3	13.1	11.7	128.5	129.3	128.0
16	Toledo	230.7	229.0	225.2	.4	.4	.3	10.0	10.6	9.9	79.9	79.8	79.3
17	Youngstown-Warren	190.0	189.0	186.8	.4	.4	.4	7.7	8.2	7.3	86.9	87.1	88.9
18	OKLAHOMA	714.4	710.3	701.7	40.9	40.6	41.8	33.5	34.0	35.1	117.4	117.9	115.1
19	Oklahoma City	227.6	225.4	225.7	6.7	6.8	7.0	11.7	11.7	12.3	30.9	30.9	30.4
20	Tulsa	169.1	167.6	165.1	13.1	13.1	13.1	10.0	10.1	9.9	40.8	40.7	39.9
21	OREGON	656.6	662.3	639.6	1.6	1.8	1.4	28.2	31.4	28.6	158.9	165.6	158.0
22	Eugene	62.0	62.8	61.0	(1)	(1)	(1)	2.6	2.7	2.8	18.2	18.7	17.5
23	Portland	348.6	347.4	342.3	(1)	(1)	(1)	15.2	16.8	14.4	80.1	81.5	81.1
24	PENNSYLVANIA	4,190.5	4,164.6	4,156.1	41.1	41.5	43.0	175.6	187.5	173.6	1,538.0	1,536.3	1,562.3
25	Allentown-Bethlehem-Easton	208.4	207.6	205.8	.4	.4	.4	9.0	9.6	8.4	102.3	102.3	104.2
26	Altoona	44.9	44.4	46.1	(1)	(1)	(1)	1.7	1.7	1.5	14.6	14.7	14.6
27	Erie	91.3	91.8	92.4	(1)	(1)	(1)	3.2	3.6	3.6	42.5	43.1	43.6
28	Harrisburg	165.3	163.8	161.9	(1)	(1)	(1)	7.3	7.7	7.4	39.8	39.6	39.2
29	Johnstown	77.6	77.2	76.8	4.9	4.9	5.2	2.6	2.9	2.4	25.5	25.6	26.6
30	Lancaster	114.6	114.4	113.5	(1)	(1)	(1)	5.6	5.8	6.3	54.5	54.6	55.1
31	Philadelphia	1,754.2	1,734.1	1,717.6	1.3	1.4	1.3	82.0	86.2	77.7	576.1	573.3	583.2
32	Pittsburgh	840.5	834.3	839.4	9.1	9.0	9.5	37.5	41.1	37.3	284.4	283.3	289.0
33	Reading	119.2	118.1	116.3	(1)	(1)	(1)	4.7	4.9	4.0	56.2	56.0	55.9
34	Scranton	84.6	84.8	84.6	.4	.4	.5	2.4	2.6	2.4	34.8	35.3	34.9
35	Wilkes-Barre-Hazleton	117.7	118.0	116.4	2.6	2.9	3.3	5.7	6.0	4.8	50.1	50.6	51.9
36	York	121.9	122.1	120.5	(1)	(1)	(1)	6.0	6.0	5.8	59.4	60.2	59.6
37	RHODE ISLAND	340.4	337.0	337.5	(1)	(1)	(1)	13.7	14.4	13.9	127.1	127.2	129.1
38	Providence-Pawtucket-Warwick	355.1	352.6	350.4	(1)	(1)	(1)	13.7	14.3	13.8	147.4	148.2	147.8
39	SOUTH CAROLINA	762.0	756.7	755.0	1.7	1.7	1.7	46.3	46.9	48.0	320.5	320.9	320.5
40	Charleston	85.2	83.5	80.9	(1)	(1)	(1)	6.2	5.7	5.4	14.9	14.7	13.5
41	Columbia	93.1	92.6	90.1	(1)	(1)	(1)	6.0	6.0	6.1	18.2	18.6	17.9
42	Greenville	111.2	110.4	111.6	(1)	(1)	(1)	9.6	9.7	9.9	52.5	52.6	54.5
43	SOUTH DAKOTA	164.9	164.2	160.8	2.2	2.2	2.3	7.4	8.0	6.5	15.2	15.2	15.0
44	Sioux Falls	31.8	31.5	31.6	(1)	(1)	(1)	1.0	1.0	1.2	5.9	5.9	6.0
45	TENNESSEE	1,243.2	1,236.1	1,232.9	7.0	7.1	6.5	64.4	66.6	63.1	437.2	435.7	438.9
46	Chattanooga	120.2	119.9	122.2	.2	.2	.2	5.5	6.6	6.1	50.5	50.4	51.5
47	Knoxville	142.2	141.5	140.5	1.8	1.8	1.5	5.4	5.5	5.9	46.7	46.8	48.1
48	Memphis	248.2	248.6	245.8	.2	.3	.3	12.6	13.1	14.0	57.2	57.4	56.6
49	Nashville	205.2	204.6	207.6	(1)	(1)	(1)	10.8	11.7	12.4	59.6	58.8	61.5
50	TEXAS	3,344.7	3,303.2	3,216.0	105.7	105.6	106.7	208.1	207.7	209.9	657.5	655.5	637.0
51	Amarillo	-	-	-	-	-	-	-	-	-	4.5	4.5	4.7
52	Austin	-	-	-	-	-	-	-	-	-	8.1	8.0	6.6
53	Beaumont-Port Arthur	-	-	-	-	-	-	-	-	-	33.5	33.6	34.2
54	Copus Christi	-	-	-	-	-	-	-	-	-	10.5	10.5	10.2

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

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	
83.8	83.8	79.5	302.1	288.0	297.2	59.8	59.7	57.2	179.2	179.9	176.3	224.4	224.4	216.3	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
16.7	16.7	16.0	40.9	39.9	40.9	10.3	10.4	10.0	20.7	20.9	20.7	17.5	17.5	16.1	3
6.1	6.2	6.0	25.9	25.0	25.4	7.3	7.3	7.0	-	-	-	-	-	-	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
12.0	12.1	11.9	44.4	43.5	43.8	6.5	6.5	6.5	27.2	27.1	25.9	44.4	44.6	42.8	7
2.9	3.0	2.9	11.3	11.0	10.9	2.2	2.1	2.1	6.6	6.7	7.1	8.3	8.3	8.0	8
212.1	212.7	210.5	761.7	728.3	731.9	139.3	139.5	134.8	470.3	473.5	454.3	532.7	519.1	511.8	9
14.0	14.0	13.8	49.5	47.4	47.4	6.3	6.3	6.0	28.6	28.9	27.3	32.6	31.1	29.9	10
6.7	6.7	6.4	25.0	23.9	23.8	4.5	4.4	4.2	14.9	14.9	14.6	12.3	12.0	11.4	11
36.3	35.4	34.8	104.7	100.8	100.2	24.0	24.0	23.5	64.7	64.7	63.2	68.9	66.7	62.7	12
51.4	52.0	50.3	182.0	173.6	172.6	38.1	38.1	36.7	115.0	115.9	110.4	105.8	99.8	101.4	13
20.2	20.3	19.9	77.5	73.8	73.7	21.0	21.0	20.0	52.5	52.7	49.3	74.4	72.8	71.6	14
11.8	11.8	11.3	59.4	57.0	56.8	8.5	8.6	8.0	39.1	39.3	37.4	56.4	56.0	54.6	15
15.7	16.0	16.2	52.6	50.7	50.6	7.3	7.4	7.2	32.8	33.1	31.8	32.0	31.2	30.0	16
10.4	10.3	10.3	36.1	34.5	34.6	4.9	4.9	4.8	24.8	24.8	24.0	18.8	18.7	16.6	17
49.4	49.4	48.3	161.9	156.2	161.8	33.4	33.4	32.8	96.0	96.6	93.7	181.9	182.2	173.1	18
14.2	14.3	14.2	54.1	51.8	53.3	13.6	13.6	13.5	31.3	31.2	30.7	65.1	65.1	64.3	19
15.2	15.3	14.8	40.6	38.9	39.5	8.2	8.2	7.8	24.5	24.6	24.0	16.7	16.7	16.1	20
47.8	47.9	47.0	155.9	151.3	151.0	32.1	32.0	30.3	97.5	97.2	92.2	134.6	135.1	131.1	21
3.9	3.9	3.9	12.3	12.0	12.7	2.8	2.8	2.5	8.0	8.1	7.8	14.2	14.6	13.8	22
29.7	29.7	29.2	90.8	87.2	88.2	21.7	21.7	20.6	54.8	54.7	53.0	56.3	55.8	55.8	23
268.3	268.9	271.2	802.9	772.7	797.8	172.2	172.3	166.3	605.0	604.3	579.5	587.4	581.1	562.4	24
11.2	11.3	11.1	36.6	35.4	34.2	5.9	5.8	5.8	24.6	24.6	24.2	18.4	18.2	17.5	25
6.4	6.3	8.0	8.5	7.9	8.6	1.1	1.1	1.1	6.6	6.7	6.5	6.0	6.0	5.8	26
5.0	5.2	5.0	16.4	15.8	16.5	2.9	2.9	2.8	11.4	11.3	11.5	9.9	9.9	9.4	27
11.9	11.9	12.0	34.0	32.7	32.1	7.5	7.4	7.1	23.3	23.2	22.4	41.5	41.3	41.7	28
5.6	5.6	5.6	13.4	12.8	13.0	1.9	1.9	1.9	11.9	11.8	10.8	11.8	11.7	11.3	29
4.9	5.0	5.1	21.1	20.6	20.7	2.6	2.6	2.6	16.2	16.2	14.6	9.7	9.6	9.1	30
111.4	111.6	111.2	361.7	346.6	353.7	89.4	89.4	87.8	278.0	276.3	263.1	254.3	249.3	239.6	31
56.5	56.5	57.1	178.2	169.9	176.8	35.1	35.3	33.9	140.9	141.1	139.1	98.8	98.1	96.7	32
6.6	6.6	6.5	20.0	18.9	19.4	4.3	4.4	4.2	15.1	15.1	14.5	12.3	12.2	11.8	33
5.6	5.7	5.7	16.6	16.2	17.0	2.6	2.5	2.5	12.9	12.8	12.6	9.3	9.3	9.0	34
6.2	6.2	6.1	20.8	19.9	20.3	3.5	3.5	3.4	14.6	14.7	12.9	14.2	14.2	13.7	35
5.9	5.9	5.7	21.9	21.3	21.5	2.6	2.6	2.6	13.2	13.2	12.9	12.9	12.9	12.4	36
15.1	15.1	14.7	69.3	64.9	65.5	13.6	13.6	13.6	50.4	51.6	50.0	51.2	50.2	50.7	37
14.9	15.0	14.5	68.9	64.6	65.4	13.5	13.6	13.6	49.8	50.9	48.8	46.9	46.0	46.5	38
31.7	31.3	30.6	128.4	122.5	127.7	24.9	24.9	24.8	75.1	75.1	74.6	133.4	133.4	127.1	39
5.5	5.2	5.3	16.7	16.1	16.6	3.2	3.1	3.0	9.4	9.4	9.4	29.3	29.3	27.7	40
5.5	5.5	5.7	20.2	19.5	19.6	5.6	5.5	5.3	11.0	11.0	10.7	26.6	26.5	24.8	41
4.1	4.1	4.1	19.3	18.3	18.8	4.0	4.0	3.9	11.3	11.3	11.0	10.4	10.4	9.4	42
9.9	10.0	10.2	43.8	43.3	43.4	6.9	6.9	7.2	28.7	28.2	26.8	50.8	50.5	49.5	43
2.9	2.9	2.9	9.9	9.8	9.7	1.8	1.9	1.9	5.8	5.7	5.7	4.4	4.3	4.2	44
59.7	59.9	60.9	252.2	243.0	253.8	49.7	49.8	48.4	156.6	156.8	156.0	216.4	217.2	205.3	45
5.8	5.9	6.0	22.7	21.4	23.4	6.4	6.3	6.2	14.2	14.2	13.9	14.9	14.9	14.9	46
6.8	6.9	6.9	32.2	31.1	31.8	4.4	4.5	4.4	17.5	17.5	16.9	27.4	27.4	25.0	47
17.6	17.7	18.4	64.6	63.6	64.9	13.3	13.4	13.0	38.2	37.8	36.5	44.5	45.3	42.1	48
11.8	11.8	12.1	47.0	46.0	46.2	12.6	12.6	12.3	33.1	33.3	32.3	30.3	30.4	30.8	49
249.2	248.1	240.9	829.6	792.8	800.6	168.8	168.4	161.2	502.1	502.4	472.6	623.7	622.7	587.1	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966
1	TEXAS (continued)												
2	Dallas . . . . .	566.2	556.9	534.0	7.8	7.8	7.6	31.0	31.3	29.7	146.7	144.7	135.8
3	El Paso . . . . .	-	-	-	-	-	-	-	-	-	18.6	18.9	19.5
4	Fort Worth . . . . .	-	-	-	-	-	-	-	-	-	88.9	87.8	77.0
5	Galveston-Texas City . . . . .	-	-	-	-	-	-	-	-	-	10.5	10.5	10.2
6	Houston . . . . .	655.8	646.2	636.5	25.3	25.2	24.8	62.9	63.2	63.7	128.0	127.9	126.5
7	Lubbock . . . . .	-	-	-	-	-	-	-	-	-	6.1	6.3	6.4
8	San Antonio . . . . .	232.6	230.6	222.7	1.3	1.3	1.3	16.3	16.3	14.6	27.8	27.9	26.2
9	Waco . . . . .	-	-	-	-	-	-	-	-	-	12.4	12.5	12.1
10	Wichita Falls . . . . .	-	-	-	-	-	-	-	-	-	3.7	3.6	3.5
11	UTAH . . . . .	328.8	330.2	327.5	7.2	7.4	11.8	12.2	14.5	13.1	48.8	49.5	51.2
12	Salt Lake City . . . . .	166.1	165.8	171.9	2.5	2.5	6.9	5.7	6.8	8.1	26.4	26.4	28.8
13	VERMONT <sup>11</sup> . . . . .	135.6	134.7	133.9	1.0	1.0	1.1	7.3	8.3	7.1	43.2	43.3	44.8
14	Burlington <sup>12</sup> . . . . .	33.9	33.7	31.5	-	-	-	-	-	-	9.9	9.9	9.5
15	Springfield <sup>12</sup> . . . . .	13.8	13.7	14.0	-	-	-	-	-	-	7.2	7.2	7.6
16	VIRGINIA <sup>3</sup> . . . . .	1,365.2	1,357.9	1,332.2	15.0	14.9	14.3	84.3	88.0	89.9	353.5	354.5	347.8
17	Lynchburg . . . . .	48.2	47.7	48.5	(1)	(1)	(1)	2.9	3.0	2.7	21.4	21.3	21.8
18	Newport News-Hampton . . . . .	92.7	91.5	89.5	(1)	(1)	(1)	4.7	4.9	4.7	28.2	28.0	26.6
19	Norfolk-Portsmouth . . . . .	188.3	187.1	183.2	.1	.1	.1	12.7	13.5	12.7	20.1	20.0	19.2
20	Richmond . . . . .	217.5	215.3	214.8	.3	.3	.2	16.3	16.6	15.6	51.2	50.7	51.1
21	Roanoke <sup>6</sup> . . . . .	74.7	74.1	72.6	.1	.1	.1	4.2	4.4	4.2	17.8	17.8	17.4
22	WASHINGTON . . . . .	1,081.5	1,075.1	1,024.7	1.6	1.6	1.8	52.6	55.3	52.1	282.0	283.3	267.7
23	Seattle-Everett . . . . .	543.7	535.8	506.5	(1)	(1)	(1)	26.5	27.3	25.7	170.7	169.7	159.3
24	Spokane . . . . .	83.7	83.6	82.4	(1)	(1)	(1)	4.1	4.7	3.5	12.3	12.4	12.4
25	Tacoma . . . . .	102.8	101.8	97.6	(1)	(1)	(1)	4.8	4.9	4.4	19.3	19.5	19.8
26	WEST VIRGINIA . . . . .	504.7	504.7	498.4	47.2	47.3	47.9	25.5	26.8	23.3	131.5	133.3	132.3
27	Charleston . . . . .	86.3	85.7	84.7	3.4	3.4	3.5	4.9	5.0	4.4	22.0	22.3	23.4
28	Huntington-Ashland . . . . .	80.3	79.9	80.9	.7	.7	.7	3.3	3.6	4.3	26.3	26.7	26.6
29	Wheeling . . . . .	54.5	54.5	54.3	3.1	3.1	2.7	2.3	2.5	2.4	15.8	16.2	16.7
30	WISCONSIN . . . . .	1,468.6	1,464.8	1,441.7	2.5	2.9	2.5	63.3	68.5	62.0	498.2	500.3	516.2
31	Green Bay . . . . .	49.2	49.8	48.0	(1)	(1)	(1)	2.4	2.6	2.4	16.0	16.5	15.6
32	Kenosha . . . . .	32.3	31.7	35.5	(1)	(1)	(1)	1.3	1.3	1.3	15.9	15.6	18.7
33	La Crosse . . . . .	28.1	28.1	27.7	(1)	(1)	(1)	1.1	1.3	1.1	8.6	8.7	9.3
34	Madison . . . . .	108.7	108.3	102.9	(1)	(1)	(1)	5.7	6.5	5.4	15.9	15.9	15.8
35	Milwaukee . . . . .	546.6	541.2	542.4	(1)	(1)	(1)	24.0	25.3	23.0	201.2	201.2	211.7
36	Racine . . . . .	54.6	54.5	55.5	(1)	(1)	(1)	2.1	2.2	2.1	25.5	25.9	27.3
37	WYOMING . . . . .	96.9	98.9	95.3	9.6	9.6	9.1	6.0	6.8	5.4	7.0	7.4	7.2
38	Casper . . . . .	17.5	17.5	17.3	2.8	2.8	3.0	1.0	1.1	1.0	1.2	1.2	1.3
39	Cheyenne . . . . .	18.0	18.0	18.0	(1)	(1)	(1)	.9	1.0	1.2	.9	1.0	1.2

<sup>1</sup> Combined with services.  
<sup>2</sup> Combined with construction.  
<sup>3</sup> Federal employment in Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.  
<sup>4</sup> Not available.  
<sup>5</sup> Area included in Chicago-Northwestern Indiana Standard Consolidated Area.  
<sup>6</sup> Series revised to 1967 benchmark; not strictly comparable with previously published data.  
<sup>7</sup> Combined with manufacturing.  
<sup>8</sup> Area included in New York-Northeastern New Jersey Consolidated Area.  
<sup>9</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>10</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>11</sup> Government series, based on 1967 benchmark has been corrected; not strictly comparable with previously published data.  
<sup>12</sup> Total includes data for industry divisions not shown separately. Services exclude agriculture, forestry, and fisheries.  
NOTE: Data for the current month are preliminary.  
SOURCE: Cooperating State agencies listed on inside back cover.

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	
45.8	45.6	42.8	157.0	149.8	150.4	43.4	43.5	41.8	76.6	76.6	72.2	57.8	57.5	53.6	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
59.8	59.7	58.8	185.5	176.3	174.3	32.0	32.0	31.2	90.3	90.3	87.5	72.0	71.6	69.7	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
10.1	10.1	10.2	57.9	56.2	55.3	14.3	14.3	13.6	38.9	38.7	36.1	66.0	65.8	65.4	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
22.8	23.0	22.1	75.7	73.0	74.8	12.8	12.8	12.9	49.5	49.1	46.0	99.8	100.9	95.5	10
14.6	14.8	14.1	47.8	45.6	47.1	9.8	9.8	9.8	26.3	26.4	24.8	33.0	33.5	32.3	11
7.5	7.5	7.5	25.8	24.9	24.8	4.7	4.8	4.6	23.3	22.6	22.2	23.0	22.5	21.8	12
1.8	1.8	1.7	7.0	6.8	6.6	-	-	-	6.4	6.4	5.6	-	-	-	13
.8	.8	.8	1.9	1.8	1.9	-	-	-	1.6	1.5	1.5	-	-	-	14
93.3	93.3	91.2	291.5	279.8	287.7	59.3	59.5	56.9	187.7	188.2	178.7	280.6	279.7	265.7	15
2.3	2.3	2.4	8.5	8.0	8.6	1.8	1.8	1.8	6.1	6.1	6.0	5.2	5.2	5.2	16
4.2	4.1	4.3	14.6	13.9	15.0	2.4	2.4	2.4	10.3	10.3	10.0	28.3	27.9	26.5	17
15.7	15.7	16.0	47.5	45.7	45.8	7.8	7.8	7.8	23.7	23.8	23.5	60.7	60.5	58.1	18
16.9	17.0	16.9	52.0	50.0	51.3	16.2	16.2	16.0	28.6	28.7	28.6	36.0	35.8	35.1	19
10.2	10.1	9.9	18.2	17.5	17.8	3.6	3.6	3.4	11.4	11.5	10.9	9.2	9.1	8.9	20
69.4	70.0	67.0	246.3	237.5	234.1	51.4	51.3	48.0	149.7	149.0	137.8	228.5	227.1	216.2	21
37.5	37.5	35.1	120.3	114.8	112.4	30.8	30.8	28.5	72.4	72.2	66.3	85.5	83.5	79.2	22
7.3	7.3	7.3	23.3	22.5	23.7	4.6	4.7	4.4	16.0	16.1	15.3	16.1	15.9	15.8	23
6.1	6.2	6.0	23.8	22.6	22.2	5.3	5.3	4.9	16.9	16.6	15.2	26.6	26.7	25.1	24
41.1	41.3	39.9	93.6	89.6	94.1	14.5	14.6	14.2	59.6	60.1	57.9	91.7	91.7	88.8	25
8.7	8.8	8.0	19.3	18.5	18.5	3.7	3.7	3.5	10.5	10.5	10.2	13.8	13.5	13.5	26
8.1	7.9	8.0	18.1	17.2	17.9	2.8	2.7	2.8	9.3	9.2	9.0	11.8	11.7	11.7	27
3.8	3.8	3.9	12.8	12.2	12.6	2.0	2.0	2.0	8.4	8.5	8.2	6.2	6.2	6.1	28
77.2	78.2	77.0	326.4	316.8	311.7	57.6	57.6	54.0	204.8	204.0	192.9	238.4	236.6	225.5	29
4.1	4.3	4.1	12.3	12.1	12.0	1.4	1.4	1.4	7.8	7.9	7.6	5.2	5.1	5.0	30
1.1	1.2	1.3	5.3	5.2	5.7	.7	.7	.7	4.4	4.2	4.4	3.7	3.5	3.4	31
2.0	2.0	2.0	7.0	6.9	6.6	.6	.6	.6	4.8	4.8	4.7	3.9	3.9	3.6	32
5.3	5.2	5.1	24.1	22.8	22.5	6.0	6.0	5.4	15.2	15.3	14.1	36.6	36.7	34.5	33
29.4	29.8	29.4	123.9	119.2	118.2	26.8	26.8	24.9	75.8	75.2	72.4	65.3	63.6	62.7	34
2.1	2.0	2.0	10.1	9.7	10.3	1.3	1.4	1.3	7.0	6.9	6.5	6.5	6.4	6.0	35
9.9	10.0	10.2	21.2	21.0	20.6	3.5	3.5	3.5	11.9	12.1	11.6	27.8	28.5	27.7	36
1.4	1.4	1.5	4.6	4.5	4.3	.8	.8	.8	2.4	2.4	2.1	3.3	3.3	3.3	37
2.6	2.6	2.6	4.1	3.9	3.9	1.0	1.0	1.0	3.1	3.1	2.7	5.4	5.4	5.4	38

# ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

**C-1: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, 1947 to date**

Year and month	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	Total private <sup>1</sup>			Manufacturing			Durable goods			Nondurable goods		
1947.....	\$45.58	40.3	\$1.131	\$49.17	40.4	\$1.217	\$51.76	40.5	\$1.278	\$46.03	40.2	\$1.145
1948.....	49.00	40.0	1.225	53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....	50.24	39.4	1.275	53.88	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....	53.13	39.8	1.335	58.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....	57.86	39.9	1.45	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....	60.65	39.9	1.52	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....	63.76	39.6	1.61	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....	64.52	39.1	1.65	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....	67.72	39.6	1.71	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....	70.74	39.3	1.80	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....	73.33	38.8	1.89	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....	75.08	38.5	1.95	82.71	39.2	2.11	89.27	39.2	2.26	74.11	38.8	1.91
1959.....	78.78	39.0	2.02	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....	80.67	38.6	2.09	89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....	82.60	38.6	2.14	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....	85.91	38.7	2.22	96.56	40.4	2.39	104.70	40.9	2.56	85.93	39.6	2.17
1963.....	88.46	38.8	2.28	99.63	40.5	2.46	108.09	41.1	2.63	87.91	39.6	2.22
1964.....	91.33	38.7	2.36	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1965.....	95.06	38.8	2.45	107.53	41.2	2.61	117.18	42.0	2.79	94.64	40.1	2.36
1966.....	98.69	38.7	2.55	112.34	41.3	2.72	122.09	42.1	2.90	98.49	40.2	2.45
1967.....	101.99	38.2	2.67	114.90	40.6	2.83	123.60	41.2	3.00	102.03	39.7	2.57
1967: January.....	99.70	38.2	2.61	113.42	40.8	2.78	122.84	41.5	2.96	99.65	39.7	2.51
February.....	99.30	37.9	2.62	111.88	40.1	2.79	120.77	40.8	2.96	99.18	39.2	2.53
March.....	99.56	38.0	2.62	112.44	40.3	2.79	121.36	41.0	2.96	100.08	39.4	2.54
April.....	99.41	37.8	2.63	112.56	40.2	2.80	121.18	40.8	2.97	100.22	39.3	2.55
May.....	100.06	37.9	2.64	113.52	40.4	2.81	122.89	41.1	2.99	100.73	39.5	2.55
June.....	101.88	38.3	2.66	114.49	40.6	2.82	123.19	41.2	2.99	101.63	39.7	2.56
July.....	103.18	38.5	2.68	113.65	40.3	2.82	122.40	40.8	3.00	102.03	39.7	2.57
August.....	103.45	38.6	2.68	114.77	40.7	2.82	123.30	41.1	3.00	102.80	40.0	2.57
September.....	104.06	38.4	2.71	116.57	40.9	2.85	126.05	41.6	3.03	104.66	40.1	2.61
October.....	103.25	38.1	2.71	116.28	40.8	2.85	125.44	41.4	3.03	104.14	39.9	2.61
November.....	103.63	38.1	2.72	117.50	40.8	2.88	126.07	41.2	3.06	105.06	40.1	2.62
December.....	103.90	38.2	2.72	119.60	41.1	2.91	129.89	41.9	3.10	105.60	40.0	2.64
1968: January.....	103.40	37.6	2.75	118.08	40.3	2.93	128.86	41.3	3.12	103.74	39.0	2.66

Year and month	Mining	Contract construction	Wholesale and retail trade	Finance, insurance, and real estate								
1947.....	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140
1948.....	65.56	39.4	1.664	65.27	38.1	1.713	40.80	40.4	1.010	45.48	37.9	1.200
1949.....	62.33	36.3	1.717	67.56	37.7	1.792	42.93	40.5	1.060	47.63	37.8	1.260
1950.....	67.16	37.9	1.772	69.68	37.4	1.863	44.55	40.5	1.100	50.52	37.7	1.340
1951.....	74.11	38.4	1.93	76.96	38.1	2.02	47.79	40.5	1.18	54.67	37.7	1.45
1952.....	77.59	38.6	2.01	82.86	38.9	2.13	49.20	40.0	1.23	57.08	37.8	1.51
1953.....	83.03	38.8	2.14	86.41	37.9	2.28	51.35	39.5	1.30	59.57	37.7	1.58
1954.....	82.60	38.6	2.14	88.91	37.2	2.39	53.33	39.5	1.35	62.04	37.6	1.65
1955.....	89.54	40.7	2.20	90.90	37.1	2.45	55.16	39.4	1.40	63.92	37.6	1.70
1956.....	95.06	40.8	2.33	96.38	37.5	2.57	57.48	39.1	1.47	65.68	36.9	1.78
1957.....	98.65	40.1	2.46	100.27	37.0	2.71	59.60	38.7	1.54	67.53	36.7	1.84
1958.....	96.08	38.9	2.47	103.78	36.8	2.82	61.76	38.6	1.60	70.12	37.1	1.89
1959.....	103.68	40.5	2.56	108.41	37.0	2.93	64.41	38.8	1.66	72.74	37.3	1.95
1960.....	105.44	40.4	2.61	113.04	36.7	3.08	66.01	38.6	1.71	75.14	37.2	2.02
1961.....	106.92	40.5	2.64	118.08	36.9	3.20	67.41	38.3	1.76	77.12	36.9	2.09
1962.....	110.43	40.9	2.70	122.47	37.0	3.31	69.91	38.2	1.83	80.94	37.3	2.17
1963.....	114.40	41.6	2.75	127.19	37.3	3.41	72.01	38.1	1.89	84.38	37.5	2.25
1964.....	117.74	41.9	2.81	132.06	37.2	3.55	74.28	37.9	1.96	85.79	37.3	2.30
1965.....	123.52	42.3	2.92	138.38	37.4	3.70	76.53	37.7	2.03	88.91	37.2	2.39
1966.....	130.66	42.7	3.06	145.89	37.6	3.88	79.02	37.1	2.13	92.50	37.3	2.48
1967.....	136.32	42.6	3.20	154.19	37.7	4.09	82.35	36.6	2.25	96.57	37.0	2.61
1967: January.....	134.09	42.3	3.17	149.14	37.1	4.02	80.30	36.5	2.20	94.61	37.1	2.55
February.....	131.14	41.5	3.16	143.60	35.9	4.00	80.22	36.3	2.21	94.98	37.1	2.56
March.....	132.09	41.8	3.16	146.83	36.8	3.99	80.59	36.3	2.22	95.35	37.1	2.57
April.....	134.51	42.3	3.18	147.23	36.9	3.99	80.73	36.2	2.23	95.83	37.0	2.59
May.....	134.09	42.3	3.17	149.54	37.2	4.02	81.09	36.2	2.24	96.20	37.0	2.60
June.....	136.53	42.8	3.19	153.56	38.2	4.02	82.80	36.8	2.25	96.20	37.0	2.60
July.....	139.43	43.3	3.22	157.90	38.7	4.08	84.15	37.4	2.25	97.20	37.1	2.62
August.....	138.24	43.2	3.20	159.08	38.8	4.10	84.15	37.4	2.25	96.83	37.1	2.61
September.....	139.32	43.0	3.24	162.60	38.9	4.18	83.45	36.6	2.28	97.31	37.0	2.63
October.....	139.00	42.9	3.24	160.40	38.1	4.21	82.90	36.2	2.29	98.69	37.1	2.66
November.....	139.32	43.0	3.24	161.24	38.3	4.21	82.67	36.1	2.29	98.42	37.0	2.66
December.....	137.80	42.4	3.25	154.40	36.5	4.23	83.08	36.6	2.27	99.16	37.0	2.68
1968: January.....	138.18	42.0	3.29	148.86	34.7	4.29	83.65	35.9	2.33	100.27	37.0	2.71

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

NOTE: Data include Alaska and Hawaii beginning 1959. Data for the 2 most recent months, and 1967 annual averages are preliminary.

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
-	<b>TOTAL PRIVATE</b> .....	\$103.40	\$103.90	\$103.63	\$99.70	\$99.97	\$2.75	\$2.72	\$2.72	\$2.61	\$2.59
-	<b>MINING</b> .....	138.18	137.80	139.32	134.09	133.45	3.29	3.25	3.24	3.17	3.14
10	METAL MINING.....	-	134.97	137.19	136.00	136.53	-	3.30	3.29	3.20	3.22
101	Iron ores.....	-	136.01	141.79	138.65	136.86	-	3.35	3.36	3.27	3.29
102	Copper ores.....	-	128.15	125.83	142.79	144.21	-	3.18	3.13	3.26	3.27
11,12	COAL MINING.....	-	155.29	153.55	153.38	155.91	-	3.76	3.70	3.75	3.73
12	Bituminous coal and lignite mining....	-	157.66	155.91	155.77	158.30	-	3.79	3.73	3.79	3.76
13	OIL AND GAS EXTRACTION.....	-	133.65	134.16	127.50	124.91	-	3.13	3.12	3.00	2.96
131,2	Crude petroleum and natural gas fields..	-	136.35	136.68	135.62	129.65	-	3.35	3.35	3.26	3.17
138	Oil and gas field services.....	-	131.27	131.87	120.96	121.39	-	2.97	2.95	2.80	2.81
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	125.55	132.99	119.30	120.94	-	2.86	2.91	2.73	2.73
142	Crushed and broken stone.....	-	122.03	131.97	115.14	120.19	-	2.73	2.79	2.57	2.63
-	<b>CONTRACT CONSTRUCTION</b> .....	148.86	154.40	161.24	149.14	148.83	4.29	4.23	4.21	4.02	3.99
15	GENERAL BUILDING CONTRACTORS..	-	148.01	152.56	141.21	141.21	-	4.10	4.09	3.89	3.89
16	HEAVY CONSTRUCTION CONTRACTORS..	-	142.50	159.22	142.56	142.04	-	3.79	3.80	3.60	3.56
161	Highway and street construction.....	-	129.22	153.61	130.28	129.75	-	3.55	3.64	3.29	3.26
162	Heavy construction, n.e.c.....	-	153.63	165.15	150.88	151.62	-	3.98	3.97	3.81	3.80
17	SPECIAL TRADE CONTRACTORS.....	-	162.90	167.93	157.14	156.09	-	4.50	4.49	4.27	4.20
171	Plumbing, heating, air conditioning....	-	175.83	177.12	166.53	165.36	-	4.52	4.53	4.27	4.24
172	Painting, paper hanging, decorating....	-	147.05	150.65	140.70	141.60	-	4.25	4.22	4.02	4.00
173	Electrical work.....	-	195.22	198.79	185.81	186.44	-	4.98	5.02	4.74	4.72
174	Masonry, stonework, and plastering....	-	142.23	151.87	138.43	140.22	-	4.31	4.29	4.12	4.10
176	Roofing and sheetmetal work.....	-	127.68	137.11	125.25	125.21	-	3.99	3.94	3.75	3.76
-	<b>MANUFACTURING</b> .....	118.08	119.60	117.50	113.42	114.40	2.93	2.91	2.88	2.78	2.77
19,24,25,32-39	<b>DURABLE GOODS</b> .....	128.86	129.89	126.07	122.84	124.62	3.12	3.10	3.06	2.96	2.96
20-23,26-31	<b>NONDURABLE GOODS</b> .....	103.74	105.60	105.06	99.65	100.25	2.66	2.64	2.62	2.51	2.50
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES .....	138.36	140.01	139.35	136.63	138.02	3.31	3.31	3.31	3.23	3.24
192	Ammunition, except for small arms ..	137.78	140.10	141.37	135.71	135.38	3.32	3.32	3.35	3.27	3.27
1925	Complete guided missiles.....	-	161.25	159.22	152.10	152.70	-	3.75	3.72	3.63	3.61
194	Sighting and fire control equipment ..	-	135.09	123.84	139.43	135.46	-	3.42	3.32	3.25	3.21
191,3,5,6,9	Other ordnance and accessories .....	140.94	140.08	136.96	138.03	143.28	3.27	3.25	3.20	3.13	3.17
24	LUMBER AND WOOD PRODUCTS.....	95.50	97.44	99.96	90.80	90.80	2.43	2.43	2.45	2.27	2.27
242	Sawmills and planing mills .....	89.63	92.46	93.43	85.75	84.53	2.31	2.30	2.29	2.16	2.14
2421	Sawmills and planing mills, general..	-	94.80	96.29	88.09	86.63	-	2.37	2.36	2.23	2.21
243	Millwork, plywood & related products..	105.56	106.55	106.30	99.38	99.47	2.60	2.58	2.58	2.46	2.45
2431	Millwork.....	-	105.26	105.26	96.78	97.02	-	2.58	2.58	2.45	2.45
2432	Veneer and plywood .....	-	108.71	108.62	102.09	102.17	-	2.57	2.58	2.46	2.45
244	Wooden containers .....	81.78	83.44	83.64	75.44	76.36	2.06	2.04	2.06	1.84	1.84
2441,2	Wooden boxes, shooks, and crates ..	-	78.76	79.79	73.75	75.60	-	1.94	1.97	1.79	1.80
249	Miscellaneous wood products.....	(*)	93.66	93.71	86.88	88.37	(*)	2.29	2.28	2.14	2.15
25	FURNITURE AND FIXTURES .....	94.96	99.84	97.34	90.63	93.79	2.38	2.40	2.38	2.26	2.26
251	Household furniture .....	89.72	95.08	92.43	83.95	87.76	2.26	2.28	2.26	2.12	2.13
2511	Wood household furniture.....	-	89.68	87.99	81.19	83.56	-	2.12	2.11	1.99	1.98
2512	Upholstered household furniture.....	-	103.49	101.84	86.18	93.26	-	2.47	2.46	2.28	2.32
2515	Mattresses and bedsprings.....	-	97.36	88.21	90.06	94.01	-	2.49	2.43	2.37	2.38
252	Office furniture .....	-	111.87	112.98	114.01	115.61	-	2.67	2.69	2.67	2.67
254	Partitions and fixtures .....	-	120.01	117.05	114.95	117.04	-	2.92	2.89	2.79	2.80
253,9	Other furniture and fixtures .....	100.69	106.50	101.45	95.75	101.10	2.53	2.56	2.53	2.37	2.39
32	STONE, CLAY, AND GLASS PRODUCTS ..	116.58	119.94	122.38	113.71	115.23	2.90	2.89	2.90	2.76	2.77
321	Flint glass .....	-	160.93	162.69	152.64	155.06	-	3.76	3.74	3.60	3.64
322	Glass and glassware, pressed or blown	115.20	118.49	118.20	114.26	114.68	2.88	2.89	2.89	2.76	2.77
3221	Glass containers .....	-	120.35	119.02	115.64	115.79	-	2.90	2.91	2.76	2.77
3229	Pressed and blown glass, n.e.c.....	-	115.37	117.67	112.06	112.88	-	2.87	2.87	2.76	2.76
324	Cement, hydraulic .....	(*)	134.56	143.05	130.79	131.65	(*)	3.29	3.35	3.19	3.18
325	Structural clay products .....	99.25	100.44	102.59	95.92	96.48	2.50	2.48	2.49	2.41	2.40
3251	Brick and structural clay tile.....	-	95.58	97.90	88.98	90.76	-	2.32	2.32	2.23	2.23
326	Pottery and related products .....	-	107.60	107.20	101.12	101.75	-	2.67	2.66	2.56	2.55
327	Concrete, gypsum, and plaster products .....	113.26	120.13	128.18	112.44	114.90	2.86	2.84	2.90	2.69	2.71
328,9	Other stone and nonmetallic mineral products.....	120.01	122.47	122.06	115.36	116.76	2.92	2.93	2.92	2.80	2.80
3291	Abrasive products .....	-	127.00	123.42	119.84	121.36	-	3.09	3.04	2.93	2.96

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
-	<b>TOTAL PRIVATE</b> . . . . .	37.6	38.2	38.1	38.2	38.6	-	-	-	-	-
-	<b>MINING</b> . . . . .	42.0	42.4	43.0	42.3	42.5	-	-	-	-	-
10	<b>METAL MINING</b> . . . . .	-	40.9	41.7	42.5	42.4	-	-	-	-	-
101	Iron ores . . . . .	-	40.6	42.2	42.4	41.6	-	-	-	-	-
102	Copper ores . . . . .	-	40.3	40.2	43.8	44.1	-	-	-	-	-
11,12	<b>COAL MINING</b> . . . . .	-	41.3	41.5	40.9	41.8	-	-	-	-	-
12	Bituminous coal and lignite mining . . . . .	-	41.6	41.8	41.1	42.1	-	-	-	-	-
13	<b>OIL AND GAS EXTRACTION</b> . . . . .	-	42.7	43.0	42.5	42.2	-	-	-	-	-
131,2	Crude petroleum and natural gas fields . . . . .	-	40.7	40.8	41.6	40.9	-	-	-	-	-
138	Oil and gas field services . . . . .	-	44.2	44.7	43.2	43.2	-	-	-	-	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> . . . . .	-	43.9	45.7	43.7	44.3	-	-	-	-	-
142	Crushed and broken stone . . . . .	-	44.7	47.3	44.8	45.7	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> . . . . .	34.7	36.5	38.3	37.1	37.3	-	-	-	-	-
15	<b>GENERAL BUILDING CONTRACTORS</b> . . . . .	-	36.1	37.3	36.3	36.3	-	-	-	-	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> . . . . .	-	37.6	41.9	39.6	39.9	-	-	-	-	-
161	Highway and street construction . . . . .	-	36.4	42.2	39.6	39.8	-	-	-	-	-
162	Heavy construction, n e c . . . . .	-	38.6	41.6	39.6	39.9	-	-	-	-	-
17	<b>SPECIAL TRADE CONTRACTORS</b> . . . . .	-	36.2	37.4	36.8	36.9	-	-	-	-	-
171	Plumbing, heating, air conditioning . . . . .	-	38.9	39.1	39.0	39.0	-	-	-	-	-
172	Painting, paper hanging, decorating . . . . .	-	34.6	35.7	35.0	35.4	-	-	-	-	-
173	Electrical work . . . . .	-	39.2	39.6	39.2	39.5	-	-	-	-	-
174	Masonry, stonework, and plastering . . . . .	-	33.0	35.4	33.6	34.2	-	-	-	-	-
176	Roofing and sheet metal work . . . . .	-	32.0	34.8	33.4	33.3	-	-	-	-	-
-	<b>MANUFACTURING</b> . . . . .	40.3	41.1	40.8	40.8	41.3	3.2	3.6	3.4	3.4	3.7
19,24,25,32-39	<b>DURABLE GOODS</b> . . . . .	41.3	41.9	41.2	41.5	42.1	3.5	3.9	3.5	3.7	4.1
20-23,26-31	<b>NONDURABLE GOODS</b> . . . . .	39.0	40.0	40.1	39.7	40.1	2.9	3.3	3.3	3.0	3.3
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> . . . . .	41.8	42.3	42.1	42.3	42.6	-	4.0	4.1	4.0	4.3
192	Ammunition, except for small arms . . . . .	41.5	42.2	42.2	41.5	41.4	-	3.9	4.3	3.3	3.4
1925	Complete guided missiles . . . . .	-	43.0	42.8	41.9	42.3	-	-	-	-	-
194	Sighting and fire control equipment . . . . .	-	39.5	37.3	42.9	42.2	-	3.4	2.4	4.5	3.0
191,3,5,6,9	Other ordnance and accessories . . . . .	43.1	43.1	42.8	44.1	45.2	-	4.2	3.9	5.4	6.3
24	<b>LUMBER AND WOOD PRODUCTS</b> . . . . .	39.3	40.1	40.8	40.0	40.0	-	3.5	3.7	3.3	3.4
242	Sawmills and planing mills . . . . .	38.8	40.2	40.8	39.7	39.5	-	3.7	4.0	3.3	3.3
2421	Sawmills and planing mills, general . . . . .	-	40.0	40.8	39.5	39.2	-	-	-	-	-
243	Millwork, plywood & related products . . . . .	40.6	41.3	41.2	40.4	40.6	-	3.3	3.6	3.0	3.2
2431	Millwork . . . . .	-	40.8	40.8	39.5	39.6	-	-	-	-	-
2432	Veneer and plywood . . . . .	-	42.3	42.1	41.5	41.7	-	-	-	-	-
244	Wooden containers . . . . .	39.7	40.9	40.6	41.0	41.5	-	3.2	3.2	3.7	3.9
2441,2	Wooden boxes, shooks, and crates . . . . .	-	40.6	40.5	41.2	42.0	-	-	-	-	-
249	Miscellaneous wood products . . . . .	(*)	40.9	41.1	40.6	41.1	-	3.5	3.6	3.5	3.5
25	<b>FURNITURE AND FIXTURES</b> . . . . .	39.9	41.6	40.9	40.1	41.5	-	3.6	3.3	2.8	3.8
251	Household furniture . . . . .	39.7	41.7	40.9	39.6	41.2	-	3.7	3.4	2.6	3.6
2511	Wood household furniture . . . . .	-	42.3	41.7	40.8	42.2	-	-	-	-	-
2512	Upholstered household furniture . . . . .	-	41.9	41.4	37.8	40.2	-	-	-	-	-
2515	Mattresses and bedsprings . . . . .	-	39.1	36.3	38.0	39.5	-	-	-	-	-
252	Office furniture . . . . .	-	41.9	42.0	42.7	43.3	-	3.5	3.5	4.4	5.1
254	Partitions and fixtures . . . . .	-	41.1	40.5	41.2	41.8	-	3.0	2.8	2.7	3.6
253,9	Other furniture and fixtures . . . . .	39.8	41.6	40.1	40.4	42.3	-	3.4	3.4	3.3	4.3
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . . . .	40.2	41.5	42.2	41.2	41.6	-	4.1	4.4	3.5	3.9
321	Flat glass . . . . .	-	42.8	43.5	42.4	42.6	-	4.3	4.7	3.8	3.7
322	Glass and glassware, pressed or blown . . . . .	40.0	41.0	40.9	41.4	41.4	-	4.6	4.5	3.6	4.1
3221	Glass containers . . . . .	-	41.5	40.9	41.9	41.8	-	-	-	-	-
3229	Pressed and blown glass, n e c . . . . .	-	40.2	41.0	40.6	40.9	-	-	-	-	-
324	Cement, hydraulic . . . . .	(*)	40.9	42.7	41.0	41.4	-	1.9	2.2	2.3	2.3
325	Structural clay products . . . . .	39.7	40.5	41.2	39.8	40.2	-	3.3	3.6	2.6	2.8
3251	Brick and structural clay tile . . . . .	-	41.2	42.2	39.9	40.7	-	-	-	-	-
326	Pottery and related products . . . . .	-	40.3	40.3	39.5	39.9	-	2.4	2.3	2.3	2.6
327	Concrete, gypsum and plaster products . . . . .	39.6	42.3	44.2	41.8	42.4	-	5.3	6.3	4.6	4.9
328,9	Other stone and nonmetallic mineral products . . . . .	41.1	41.8	41.8	41.2	41.7	-	3.6	3.6	3.1	3.7
3291	Abrasive products . . . . .	-	41.1	40.6	40.9	41.0	-	-	-	-	-

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
<i>Durable Goods--Continued</i>											
33	<b>PRIMARY METAL INDUSTRIES</b> .....	\$142.76	\$142.69	\$141.25	\$138.69	\$137.61	\$3.44	\$3.43	\$3.42	\$3.31	\$3.30
331	Blast furnace and basic steel products ..	151.06	148.92	148.19	144.02	140.45	3.64	3.65	3.65	3.53	3.52
3312	Blast furnaces and steel mills .....	-	150.59	150.22	145.35	140.62	-	3.70	3.70	3.58	3.56
332	Iron and steel foundries .....	130.15	134.30	130.41	129.20	131.63	3.19	3.19	3.15	3.04	3.04
3321	Gray iron foundries .....	-	137.49	132.19	127.08	130.07	-	3.19	3.14	2.99	2.99
3322	Malleable iron foundries .....	-	129.04	128.95	135.58	137.17	-	3.21	3.24	3.19	3.19
3323	Steel foundries .....	-	129.74	127.80	130.59	132.25	-	3.18	3.14	3.08	3.09
333,4	Nonferrous metals .....	137.76	138.65	138.98	132.60	131.86	3.28	3.27	3.27	3.12	3.11
335	Nonferrous rolling and drawing .....	137.57	138.35	136.53	136.66	138.03	3.26	3.21	3.19	3.12	3.13
3351	Copper rolling and drawing .....	-	144.65	142.35	145.35	150.29	-	3.31	3.28	3.23	3.26
3352	Aluminum rolling and drawing .....	-	140.28	138.98	137.92	136.53	-	3.27	3.27	3.20	3.19
3357	Nonferrous wire drawing and insulating ..	-	133.73	132.56	131.70	133.34	-	3.11	3.09	3.00	3.01
336	Nonferrous foundries .....	122.91	125.14	121.80	121.30	123.77	3.02	3.03	3.00	2.93	2.94
3361	Aluminum castings .....	-	127.82	123.32	123.43	124.20	-	3.08	3.03	2.96	2.95
3362,9	Other nonferrous castings .....	-	122.78	120.29	119.07	123.77	-	2.98	2.97	2.89	2.94
339	Miscellaneous primary metal products ...	153.55	152.64	150.72	150.66	152.14	3.63	3.60	3.58	3.52	3.53
3391	Iron and steel forgings .....	-	155.12	152.81	154.76	155.18	-	3.72	3.70	3.65	3.66
34	<b>FABRICATED METAL PRODUCTS</b> .....	127.82	128.52	124.92	122.89	124.53	3.08	3.06	3.01	2.94	2.93
341	Metal cans .....	155.25	154.80	148.58	137.85	139.40	3.45	3.44	3.40	3.29	3.28
342	Cutlery, hand tools, and hardware .....	118.78	121.01	120.18	116.60	117.03	2.94	2.93	2.91	2.83	2.82
3421,3,5	Cutlery and hand tools, incl. saws .....	-	117.01	116.18	114.95	115.35	-	2.84	2.82	2.75	2.74
3429	Hardware, n e c .....	-	123.79	122.25	117.91	118.66	-	2.99	2.96	2.89	2.88
343	Plumbing and heating, except electric ...	113.87	116.93	116.40	109.02	111.35	2.89	2.88	2.86	2.76	2.77
3431,2	Sanitary ware & plumbers' brass goods ..	-	119.14	118.61	108.86	112.44	-	2.92	2.90	2.77	2.79
3433	Heating equipment, except electric .....	-	115.14	114.21	108.90	110.55	-	2.85	2.82	2.75	2.75
344	Fabricated structural metal products ....	122.91	124.42	124.61	123.31	125.83	3.02	3.02	3.01	2.95	2.94
3441	Fabricated structural steel .....	-	124.53	125.86	121.60	124.23	-	3.03	3.04	2.93	2.93
3442	Metal doors, sash, and trim .....	-	104.80	105.26	103.86	104.45	-	2.62	2.58	2.59	2.56
3443	Fabricated plate work (boiler shops) ..	-	132.92	133.14	136.09	138.57	-	3.18	3.17	3.10	3.10
3444	Sheet metal work .....	-	128.84	128.11	126.07	129.02	-	3.15	3.14	3.06	3.05
3446,9	Architectural and misc. metal work ...	-	126.72	122.60	117.38	123.40	-	3.01	2.94	2.87	2.89
345	Screw machine products, bolts, etc. ....	130.54	130.90	132.11	131.26	133.18	3.05	3.03	3.03	2.93	2.94
3451	Screw machine products .....	-	124.98	126.87	124.43	124.82	-	2.92	2.93	2.79	2.78
3452	Bolts, nuts, rivets, and washers .....	-	136.16	136.66	138.15	141.21	-	3.13	3.12	3.07	3.09
346	Metal stampings .....	(*)	144.82	132.02	131.25	133.76	(*)	3.36	3.22	3.14	3.14
347	Metal services, n e c .....	108.67	110.43	108.81	108.21	109.20	2.71	2.70	2.68	2.62	2.60
348	Misc. fabricated wire products .....	113.12	115.92	114.54	111.10	112.71	2.80	2.80	2.78	2.69	2.69
349	Misc. fabricated metal products .....	123.07	124.86	122.84	121.51	121.09	2.98	2.98	2.96	2.90	2.89
3494,8	Valves, pipe, and pipe fittings .....	-	128.59	126.54	125.80	124.79	-	3.04	3.02	2.96	2.95
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	137.67	139.53	137.05	137.03	138.60	3.27	3.26	3.24	3.15	3.15
351	Engines and turbines .....	148.45	150.59	144.61	143.48	154.51	3.56	3.56	3.51	3.40	3.48
3511	Steam engines and turbines .....	-	161.14	147.65	149.45	169.88	-	3.73	3.61	3.50	3.63
3519	Internal combustion engines, n e c .....	-	146.23	143.31	141.12	150.67	-	3.49	3.47	3.36	3.44
352	Farm machinery .....	-	124.03	124.82	136.40	132.29	-	3.07	3.16	3.24	3.18
353	Construction and related machinery .....	137.34	138.74	136.18	131.35	134.08	3.27	3.28	3.25	3.12	3.14
3531,2	Construction and mining machinery .....	-	142.12	140.61	133.40	135.11	-	3.40	3.38	3.23	3.24
3533	Oil field machinery .....	-	133.36	130.05	126.44	126.44	-	3.08	3.06	2.92	2.92
3535,6	Conveyors, hoists, cranes, monorails ..	-	139.52	135.77	135.08	139.98	-	3.20	3.15	3.07	3.09
354	Metal working machinery .....	155.05	156.20	155.49	157.42	157.17	3.54	3.51	3.51	3.40	3.38
3541	Machine tools, metal cutting types ....	-	156.60	154.56	158.12	161.62	-	3.48	3.45	3.35	3.36
3544	Special dies, tools, jigs & fixtures ..	-	172.96	172.29	173.48	170.03	-	3.76	3.77	3.66	3.61
3545	Machine tool accessories .....	-	139.97	138.78	141.82	142.91	-	3.24	3.22	3.11	3.10
3542,8	Misc. metal working machinery .....	-	141.10	139.17	141.36	141.76	-	3.32	3.29	3.22	3.20
355	Special industry machinery .....	(*)	132.25	130.48	129.65	132.61	(*)	3.09	3.07	2.96	2.96
3551	Food products machinery .....	-	136.21	132.61	135.29	137.81	-	3.22	3.18	3.11	3.09
3552	Textile machinery .....	-	110.88	110.20	106.93	110.69	-	2.64	2.63	2.51	2.51
3555	Printing trades machinery .....	-	144.19	143.12	144.74	147.35	-	3.33	3.29	3.26	3.26
356	General industrial machinery .....	136.27	136.73	134.92	136.47	138.92	3.26	3.24	3.22	3.13	3.15
3561	Pumps and compressors .....	-	133.98	132.40	131.46	133.72	-	3.16	3.13	3.05	3.06
3562	Ball and roller bearings .....	-	142.52	138.93	143.09	141.80	-	3.33	3.30	3.23	3.23
3566	Power transmission equipment .....	-	131.93	130.06	135.91	140.04	-	3.21	3.18	3.11	3.14
357	Office and computing machines .....	134.62	135.58	133.04	131.75	133.85	3.19	3.19	3.16	3.10	3.12
3571	Computing machines and cash registers ..	-	141.67	138.74	137.28	140.51	-	3.31	3.28	3.23	3.26
358	Service industry machines .....	119.89	124.31	121.36	115.26	119.81	3.02	3.01	2.96	2.86	2.88
3585	Refrigeration machinery .....	-	125.77	121.58	116.00	118.90	-	3.06	2.98	2.90	2.90
359	Misc. machinery, except electrical .....	136.20	136.28	133.73	133.20	132.46	3.16	3.14	3.11	3.00	2.97

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



# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
<i>Durable Goods--Continued</i>											
33	<b>PRIMARY METAL INDUSTRIES</b> . . . . .	41.5	41.6	41.3	41.9	41.7	-	3.4	3.3	3.7	3.8
331	Blast furnace and basic steel products . .	41.5	40.8	40.6	40.8	39.9	-	2.3	2.4	2.4	2.1
3312	Blast furnaces and steel mills . . . . .	-	40.7	40.6	40.6	39.5	-	-	-	-	-
332	Iron and steel foundries . . . . .	40.8	42.1	41.4	42.5	43.3	-	4.7	4.1	4.9	5.4
3321	Gray iron foundries . . . . .	-	43.1	42.1	42.5	43.5	-	-	-	-	-
3322	Malleable iron foundries . . . . .	-	40.2	39.8	42.5	43.0	-	-	-	-	-
3323	Steel foundries . . . . .	-	40.8	40.7	42.4	42.8	-	-	-	-	-
333,4	Nonferrous metals . . . . .	42.0	42.4	42.5	42.5	42.4	-	4.6	4.7	4.1	4.0
335	Nonferrous rolling and drawing . . . . .	42.2	43.1	42.8	43.8	44.1	-	4.8	4.3	5.3	5.8
3351	Copper rolling and drawing . . . . .	-	43.7	43.4	45.0	46.1	-	-	-	-	-
3352	Aluminum rolling and drawing . . . . .	-	42.9	42.5	43.1	42.8	-	-	-	-	-
3357	Nonferrous wire drawing and insulating . .	-	43.0	42.9	43.9	44.3	-	-	-	-	-
336	Nonferrous foundries . . . . .	40.7	41.3	40.6	41.4	42.1	-	4.0	3.6	4.3	4.7
3361	Aluminum castings . . . . .	-	41.5	40.7	41.7	42.1	-	-	-	-	-
3362,9	Other nonferrous castings . . . . .	-	41.2	40.5	41.2	42.1	-	-	-	-	-
339	Miscellaneous primary metal products . .	42.3	42.4	42.1	42.8	43.1	-	4.4	3.8	5.4	5.6
3391	Iron and steel forgings . . . . .	-	41.7	41.3	42.4	42.4	-	-	-	-	-
34	<b>FABRICATED METAL PRODUCTS</b> . . . . .	41.5	42.0	41.5	41.8	42.5	-	4.0	3.6	3.9	4.3
341	Metal cans . . . . .	45.0	45.0	43.7	41.9	42.5	-	5.7	4.9	3.2	3.1
342	Cutlery, hand tools, and hardware . . . .	40.4	41.3	41.3	41.2	41.5	-	3.3	3.2	3.2	3.4
3421,3,5	Cutlery and hand tools, incl. saws. . . .	-	41.2	41.2	41.8	42.1	-	-	-	-	-
3429	Hardware, n e c . . . . .	-	41.4	41.3	40.8	41.2	-	-	-	-	-
343	Plumbing and heating, except electric. . .	39.4	40.6	40.7	39.5	40.2	-	2.8	2.8	2.1	2.6
3431,2	Sanitary ware & plumbers' brass goods . .	-	40.8	40.9	39.3	40.3	-	-	-	-	-
3433	Heating equipment, except electric . . . .	-	40.4	40.5	39.6	40.2	-	-	-	-	-
344	Fabricated structural metal products . . . .	40.7	41.2	41.4	41.8	42.8	-	3.3	3.3	3.8	4.5
3441	Fabricated structural steel . . . . .	-	41.1	41.4	41.5	42.4	-	-	-	-	-
3442	Metal doors, sash, and trim . . . . .	-	40.0	40.8	40.1	40.8	-	-	-	-	-
3443	Fabricated plate work (boiler shops) . . . .	-	41.8	42.0	43.9	44.7	-	-	-	-	-
3444	Sheet metal work . . . . .	-	40.9	40.8	41.2	42.3	-	-	-	-	-
3446,9	Architectural and misc. metal work . . . .	-	42.1	41.7	40.9	42.7	-	-	-	-	-
345	Screw machine products, bolts, etc. . . . .	42.8	43.2	43.6	44.8	45.3	-	5.1	5.6	6.7	7.1
3451	Screw machine products . . . . .	-	42.8	43.3	44.6	44.9	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers . . . . .	-	43.5	43.8	45.0	45.7	-	-	-	-	-
346	Metal stampings . . . . .	(*)	43.1	41.0	41.8	42.6	-	5.1	3.3	3.9	4.3
347	Metal services, n e c . . . . .	40.1	40.9	40.6	41.3	42.0	-	4.0	3.8	4.4	4.9
348	Misc. fabricated wire products . . . . .	40.4	41.4	41.2	41.3	41.9	-	3.9	3.7	3.9	4.0
349	Misc. fabricated metal products . . . . .	41.3	41.9	41.5	41.9	41.9	-	3.6	3.4	3.7	3.9
3494,8	Valves, pipe, and pipe fittings . . . . .	-	42.3	41.9	42.5	42.3	-	-	-	-	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> . . . . .	42.1	42.8	42.3	43.5	44.0	-	4.4	4.1	5.2	5.6
351	Engines and turbines . . . . .	41.7	42.3	41.2	42.2	44.4	-	4.4	3.7	4.5	6.7
3511	Steam engines and turbines . . . . .	-	43.2	40.9	42.7	46.8	-	-	-	-	-
3519	Internal combustion engines, n e c . . . . .	-	41.9	41.3	42.0	43.8	-	-	-	-	-
352	Farm machinery . . . . .	-	40.4	39.5	42.1	41.6	-	2.7	1.9	4.2	3.6
353	Construction and related machinery . . . .	42.0	42.3	41.9	42.1	42.7	-	3.7	3.4	3.6	4.2
3531,2	Construction and mining machinery . . . .	-	41.8	41.6	41.3	41.7	-	-	-	-	-
3533	Oil field machinery . . . . .	-	43.3	42.5	43.3	43.3	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails. . . .	-	43.6	43.1	44.0	45.3	-	-	-	-	-
354	Metal working machinery . . . . .	43.8	44.5	44.3	46.3	46.5	-	6.1	5.9	7.7	7.9
3541	Machine tools, metal cutting types. . . . .	-	45.0	44.8	47.2	48.1	-	-	-	-	-
3544	Special dies, tools, jigs, & fixtures. . . . .	-	46.0	45.7	47.4	47.1	-	-	-	-	-
3545	Machine tool accessories . . . . .	-	43.2	43.1	45.6	46.1	-	-	-	-	-
3542,8	Misc. metal working machinery . . . . .	-	42.5	42.3	43.9	44.3	-	-	-	-	-
355	Special industry machinery . . . . .	(*)	42.8	42.5	43.8	44.8	-	4.5	4.0	5.4	6.0
3551	Food products machinery . . . . .	-	42.3	41.7	43.5	44.6	-	-	-	-	-
3552	Textile machinery . . . . .	-	42.0	41.9	42.6	44.1	-	-	-	-	-
3555	Printing trades machinery . . . . .	-	43.3	43.5	44.4	45.2	-	-	-	-	-
356	General industrial machinery . . . . .	41.8	42.2	41.9	43.6	44.1	-	4.1	3.6	5.1	5.6
3561	Pumps and compressors . . . . .	-	42.4	42.3	43.1	43.7	-	-	-	-	-
3562	Ball and roller bearings . . . . .	-	42.8	42.1	44.3	43.9	-	-	-	-	-
3566	Power transmission equipment . . . . .	-	41.1	40.9	43.7	44.6	-	-	-	-	-
357	Office and computing machines . . . . .	42.2	42.5	42.1	42.5	42.9	-	3.4	3.0	3.6	3.9
3571	Computing machines and cash registers . . .	-	42.8	42.3	42.5	43.1	-	-	-	-	-
358	Service industry machines . . . . .	39.7	41.3	41.0	40.3	41.6	-	2.7	3.0	2.5	3.4
3585	Refrigeration machinery . . . . .	-	41.1	40.8	40.0	41.0	-	-	-	-	-
359	Misc. machinery, except electrical. . . . .	43.1	43.4	43.0	44.4	44.6	-	5.5	5.3	6.4	6.4

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC code	Industry	Average weekly earnings					Average hourly earnings				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
<i>Durable Goods--Continued</i>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES...</b>	\$116.06	\$117.67	\$115.87	\$109.35	\$111.24	\$2.88	\$2.87	\$2.84	\$2.70	\$2.70
361	Electric test & distributing equipment ...	123.93	129.02	125.10	118.43	123.69	3.03	3.05	3.00	2.84	2.89
3611	Electric measuring instruments .....	-	114.68	110.57	103.31	104.90	-	2.77	2.73	2.57	2.59
3612	Transformers .....	-	133.03	130.09	126.52	131.37	-	3.13	3.09	2.97	3.02
3613	Switchgear and switchboard apparatus..	-	137.82	133.14	127.08	135.56	-	3.22	3.14	2.99	3.06
362	<b>Electrical industrial apparatus .....</b>	120.29	120.95	119.84	118.85	119.71	2.97	2.95	2.93	2.85	2.83
3621	Motors and generators .....	-	123.49	123.07	120.22	120.69	-	2.99	2.98	2.89	2.86
3622	Industrial controls .....	-	117.45	115.78	114.68	116.62	-	2.90	2.88	2.77	2.77
363	<b>Household appliances .....</b>	126.28	127.62	130.09	115.63	116.80	3.08	3.09	3.09	2.92	2.92
3632	Household refrigerators and freezers ...	-	138.86	146.35	125.53	123.70	-	3.33	3.38	3.17	3.18
3633	Household laundry equipment .....	-	132.75	132.39	119.47	122.09	-	3.23	3.19	3.04	3.06
3634	Electric housewares and fans .....	-	101.85	102.06	97.42	98.74	-	2.54	2.52	2.46	2.42
364	<b>Electric lighting and wiring equipment ...</b>	108.11	110.84	106.00	103.97	104.70	2.73	2.71	2.65	2.58	2.56
3641	Electric lamps .....	-	110.97	108.65	106.27	108.41	-	2.74	2.73	2.67	2.69
3642	Lighting fixtures .....	-	114.26	104.41	102.17	104.19	-	2.76	2.63	2.58	2.56
3643,4	Wiring devices .....	-	108.67	106.39	104.14	104.08	-	2.67	2.64	2.54	2.52
365	<b>Radio and TV receiving equipment .....</b>	94.77	96.47	95.99	92.97	94.80	2.43	2.43	2.43	2.39	2.40
366	Communication equipment .....	129.88	131.04	128.44	124.56	125.63	3.16	3.15	3.11	2.98	2.97
3661	Telephone and telegraph apparatus ....	-	132.89	129.15	125.82	127.02	-	3.21	3.15	3.01	3.01
3662	Radio and TV communication equipment ..	-	130.42	127.93	124.15	125.08	-	3.12	3.09	2.97	2.95
367	<b>Electronic components and accessories ..</b>	96.58	98.55	97.76	91.41	92.86	2.47	2.47	2.45	2.32	2.31
3671-3	Electron tubes .....	-	112.06	114.54	106.71	109.91	-	2.76	2.76	2.59	2.58
3674,9	Other electronic components .....	-	95.68	94.41	88.14	88.93	-	2.41	2.39	2.26	2.24
369	Misc. electrical equipment & supplies....	(*)	129.79	123.73	121.18	125.40	(*)	3.12	3.04	2.97	3.00
3694	Engine electrical equipment .....	-	133.40	128.39	124.95	127.41	-	3.23	3.17	3.07	3.10
37	<b>TRANSPORTATION EQUIPMENT .....</b>	156.02	156.17	141.35	141.02	144.93	3.62	3.59	3.49	3.39	3.41
371	Motor vehicles and equipment .....	(*)	167.03	138.93	143.50	150.80	(*)	3.72	3.59	3.50	3.54
3711	Motor vehicles .....	-	180.98	129.20	146.83	156.45	-	3.81	3.66	3.59	3.63
3712	Passenger car bodies .....	-	143.63	138.38	149.51	155.96	-	3.75	3.71	3.71	3.74
3713	Truck and bus bodies .....	-	125.56	123.01	119.66	123.14	-	3.07	3.06	2.94	2.96
3714	Motor vehicle parts and accessories ...	-	164.80	151.20	144.20	149.25	-	3.72	3.60	3.50	3.52
372	<b>Aircraft and parts .....</b>	150.88	154.15	151.01	144.24	144.14	3.55	3.56	3.52	3.37	3.36
3721	Aircraft .....	-	155.23	153.22	143.98	142.80	-	3.61	3.58	3.42	3.40
3722	Aircraft engines and engine parts .....	-	153.44	147.98	144.14	143.72	-	3.56	3.49	3.36	3.35
3723,9	Other aircraft parts and equipment .....	-	153.42	149.26	145.19	147.80	-	3.44	3.40	3.27	3.27
373	<b>Ship and boat building and repairing .....</b>	131.38	137.57	135.53	133.63	136.21	3.36	3.38	3.33	3.22	3.22
3731	Ship building and repairing .....	-	144.49	142.80	142.04	144.41	-	3.55	3.50	3.39	3.39
3732	Boat building and repairing .....	-	105.71	104.78	100.10	102.34	-	2.61	2.60	2.49	2.49
374	Railroad equipment .....	-	137.11	137.89	141.66	141.92	-	3.48	3.43	3.43	3.47
375,9	Other transportation equipment .....	-	101.66	103.42	93.07	94.92	-	2.60	2.56	2.43	2.44
38	<b>INSTRUMENTS AND RELATED PRODUCTS ..</b>	118.73	120.77	119.36	115.65	116.89	2.91	2.91	2.89	2.78	2.77
381	Engineering & scientific instruments ...	-	141.05	138.24	133.30	136.97	-	3.25	3.23	3.10	3.12
382	<b>Mechanical measuring &amp; control devices..</b>	115.95	118.08	116.40	116.06	117.88	2.87	2.88	2.86	2.79	2.80
3821	Mechanical measuring devices .....	-	118.20	117.33	118.86	121.39	-	2.89	2.89	2.81	2.81
3822	Automatic temperature controls .....	-	117.83	114.65	111.78	112.19	-	2.86	2.81	2.76	2.77
383,5	<b>Optical and ophthalmic goods .....</b>	105.57	108.68	109.34	105.22	106.59	2.70	2.69	2.68	2.56	2.55
385	Ophthalmic goods .....	-	96.04	97.36	93.20	94.42	-	2.45	2.44	2.33	2.32
384	Medical instruments and supplies .....	100.19	101.71	100.35	96.64	97.68	2.53	2.53	2.49	2.41	2.40
386	Photographic equipment and supplies ....	(*)	144.66	142.80	136.21	136.28	(*)	3.38	3.36	3.19	3.14
387	Watches, clocks, and watchcases .....	-	96.56	95.11	92.06	92.11	-	2.39	2.36	2.29	2.28
39	<b>MISC. MANUFACTURING INDUSTRIES .....</b>	94.92	96.47	94.56	91.87	91.20	2.44	2.43	2.37	2.32	2.28
391	Jewelry, silverware, and plated ware....	106.93	112.34	112.19	103.38	108.03	2.68	2.72	2.71	2.54	2.56
394	Toys and sporting goods .....	-	84.15	83.13	82.53	79.17	-	2.18	2.11	2.10	2.03
3941-3	Games, toys, dolls & play vehicles .....	-	78.96	79.39	80.52	74.86	-	2.10	2.02	2.07	1.97
3949	Sporting and athletic goods, n e c .....	-	91.37	90.52	84.74	85.46	-	2.29	2.28	2.14	2.11
395	Pens, pencils, office and art supplies....	-	93.20	92.00	88.31	90.17	-	2.33	2.30	2.23	2.21
396	Costume jewelry and notions .....	-	86.63	85.28	82.47	82.35	-	2.21	2.17	2.12	2.09
393,8,9	<b>Other manufacturing industries .....</b>	103.48	104.12	102.40	97.66	97.84	2.60	2.59	2.56	2.46	2.44
393	Musical instruments and parts .....	-	107.83	103.97	100.85	103.91	-	2.63	2.58	2.49	2.48
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS .....</b>	109.34	110.70	109.47	106.08	106.14	2.72	2.70	2.67	2.60	2.57
201	Meat products .....	115.60	119.68	119.14	115.64	116.05	2.89	2.87	2.83	2.80	2.75
2011	Meat packing plants .....	-	143.86	143.12	138.89	138.77	-	3.33	3.29	3.23	3.19
2013	Sausages and other prepared meats .....	-	127.51	127.60	121.95	124.44	-	3.11	3.06	2.96	2.97
2015	Poultry dressing plants .....	-	71.55	72.44	65.19	69.48	-	1.83	1.82	1.72	1.75

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .	40.3	41.0	40.8	40.5	41.2	-	2.8	2.7	2.8	3.3
361	Electric test & distributing equipment . . . . .	40.9	42.3	41.7	41.7	42.8	-	3.6	3.4	3.5	4.2
3611	Electric measuring instruments . . . . .	-	41.4	40.5	40.2	40.5	-	-	-	-	-
3612	Transformers . . . . .	-	42.5	42.1	42.6	43.5	-	-	-	-	-
3613	Switchgear and switchboard apparatus . . . . .	-	42.8	42.4	42.5	44.3	-	-	-	-	-
362	Electrical industrial apparatus . . . . .	40.5	41.0	40.9	41.7	42.3	-	2.9	2.9	3.7	4.0
3621	Motors and generators . . . . .	-	41.3	41.3	41.6	42.2	-	-	-	-	-
3622	Industrial controls . . . . .	-	40.5	40.2	41.4	42.1	-	-	-	-	-
363	Household appliances . . . . .	41.0	41.3	42.1	39.6	40.0	-	3.1	3.7	1.9	2.5
3632	Household refrigerators and freezers . . . . .	-	41.7	43.3	39.6	38.9	-	-	-	-	-
3633	Household laundry equipment . . . . .	-	41.1	41.5	39.3	39.9	-	-	-	-	-
3634	Electric housewares and fans . . . . .	-	40.1	40.5	39.6	40.8	-	-	-	-	-
364	Electric lighting and wiring equipment . . . . .	39.6	40.9	40.0	40.3	40.9	-	2.8	2.4	2.7	2.9
3641	Electric lamps . . . . .	-	40.5	39.8	39.8	40.3	-	-	-	-	-
3642	Lighting fixtures . . . . .	-	41.4	39.7	39.6	40.7	-	-	-	-	-
3643,4	Wiring devices . . . . .	-	40.7	40.3	41.0	41.3	-	-	-	-	-
365	Radio and TV receiving equipment . . . . .	39.0	39.7	39.5	38.9	39.5	-	1.7	2.1	1.7	2.7
366	Communication equipment . . . . .	41.1	41.6	41.3	41.8	42.3	-	3.1	2.9	3.2	3.7
3661	Telephone and telegraph apparatus . . . . .	-	41.4	41.0	41.8	42.2	-	-	-	-	-
3662	Radio and TV communication equipment . . . . .	-	41.8	41.4	41.8	42.4	-	-	-	-	-
367	Electronic components and accessories . . . . .	39.1	39.9	39.9	39.4	40.2	-	2.1	1.9	2.6	2.9
3671-3	Electron tubes . . . . .	-	40.6	41.5	41.2	42.6	-	-	-	-	-
3674,9	Other electronic components . . . . .	-	39.7	39.9	39.0	39.7	-	-	-	-	-
369	Misc. electrical equipment & supplies . . . . .	(*)	41.6	40.7	40.8	41.8	-	3.6	2.5	3.0	3.8
3694	Engine electrical equipment . . . . .	-	41.3	40.5	40.7	41.1	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	43.1	43.5	40.5	41.6	42.5	-	5.3	3.7	3.5	4.1
371	Motor vehicles and equipment . . . . .	(*)	44.9	38.7	41.0	42.6	-	6.2	3.2	2.9	4.1
3711	Motor vehicles . . . . .	-	47.5	35.3	40.9	43.1	-	-	-	-	-
3712	Passenger car bodies . . . . .	-	38.3	37.3	40.3	41.7	-	-	-	-	-
3713	Truck and bus bodies . . . . .	-	40.9	40.2	40.7	41.6	-	-	-	-	-
3714	Motor vehicle parts and accessories . . . . .	-	44.3	42.0	41.2	42.4	-	-	-	-	-
372	Aircraft and parts . . . . .	42.5	43.3	42.9	42.8	42.9	-	5.2	4.8	4.4	4.5
3721	Aircraft . . . . .	-	43.0	42.8	42.1	42.0	-	-	-	-	-
3722	Aircraft engines and engine parts . . . . .	-	43.1	42.4	42.9	42.9	-	-	-	-	-
3723,9	Other aircraft parts and equipment . . . . .	-	44.6	43.9	44.4	45.2	-	-	-	-	-
373	Ship and boat building and repairing . . . . .	39.1	40.7	40.7	41.5	42.3	-	3.4	3.2	3.9	4.2
3731	Ship building and repairing . . . . .	-	40.7	40.8	41.9	42.6	-	-	-	-	-
3732	Boat building and repairing . . . . .	-	40.5	40.3	40.2	41.1	-	-	-	-	-
374	Railroad equipment . . . . .	-	39.4	40.2	41.3	40.9	-	2.0	2.0	3.7	3.7
375,9	Other transportation equipment . . . . .	-	39.1	40.4	38.3	38.9	-	2.1	3.0	1.6	1.9
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	40.8	41.5	41.3	41.6	42.2	-	3.1	3.0	3.3	3.8
381	Engineering & scientific instruments . . . . .	-	43.4	42.8	43.0	43.9	-	4.6	4.2	4.1	4.7
382	Mechanical measuring & control devices . . . . .	40.4	41.0	40.7	41.6	42.1	-	3.1	2.9	3.4	4.1
3821	Mechanical measuring devices . . . . .	-	40.9	40.6	42.3	43.2	-	-	-	-	-
3822	Automatic temperature controls . . . . .	-	41.2	40.8	40.5	40.5	-	-	-	-	-
383,5	Optical and ophthalmic goods . . . . .	39.1	40.4	40.8	41.1	41.8	-	2.4	2.2	3.0	3.1
385	Ophthalmic goods . . . . .	-	39.2	39.9	40.0	40.7	-	1.6	1.7	2.2	2.4
384	Medical instruments and supplies . . . . .	39.6	40.2	40.3	40.1	40.7	-	2.4	2.4	2.2	2.6
386	Photographic equipment and supplies . . . . .	(*)	42.8	42.5	42.7	43.4	-	3.7	3.5	4.0	4.4
387	Watches, clocks, and watch cases . . . . .	-	40.4	40.3	40.2	40.4	-	2.0	2.2	2.5	2.8
39	MISC. MANUFACTURING INDUSTRIES . . . . .	38.9	39.7	39.9	39.6	40.0	-	2.7	2.9	2.5	2.9
391	Jewelry, silverware, and plated ware . . . . .	39.9	41.3	41.4	40.7	42.2	-	4.1	4.7	3.4	4.8
394	Toys and sporting goods . . . . .	-	38.6	39.4	39.3	39.0	-	2.5	2.8	2.3	2.4
3941-3	Games, toys, dolls, & play vehicles . . . . .	-	37.6	39.3	38.9	38.0	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c. . . . .	-	39.9	39.7	39.6	40.5	-	-	-	-	-
395	Pens, pencils, office and art supplies . . . . .	-	40.0	40.0	39.6	40.8	-	2.0	2.0	2.2	3.1
396	Costume jewelry and notions . . . . .	-	39.2	39.3	38.9	39.4	-	2.4	2.7	2.5	2.7
393,8,9	Other manufacturing industries . . . . .	39.8	40.2	40.0	39.7	40.1	-	2.6	2.6	2.4	2.6
393	Musical instruments and parts . . . . .	-	41.0	40.3	40.5	41.9	-	3.4	2.6	2.3	3.5
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS . . . . .	40.2	41.0	41.0	40.8	41.3	-	3.9	3.9	3.8	4.0
201	Meat products . . . . .	40.0	41.7	42.1	41.3	42.2	-	4.9	4.7	4.8	5.1
2011	Meat packing plants . . . . .	-	43.2	43.5	43.0	43.5	-	-	-	-	-
2013	Sausages and other prepared meats . . . . .	-	41.0	41.7	41.2	41.9	-	-	-	-	-
2015	Poultry dressing plants . . . . .	-	39.1	39.8	37.9	39.7	-	-	-	-	-

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products.....	\$116.47	\$115.35	\$115.35	\$110.46	\$110.56	\$2.76	\$2.74	\$2.74	\$2.63	\$2.62
2024	Ice cream and frozen desserts.....	-	113.18	113.65	109.69	110.40	-	2.88	2.87	2.77	2.76
2026	Fluid milk.....	-	121.27	121.27	115.21	115.18	-	2.84	2.84	2.73	2.71
203	Canned, cured, and frozen foods.....	-	83.70	82.43	82.60	81.87	-	2.25	2.21	2.14	2.11
2031,6	Canned, cured, and frozen sea foods...	-	62.50	63.21	63.00	65.29	-	1.86	1.87	1.80	1.86
2032,3	Canned food, except sea foods.....	-	92.98	88.14	91.25	87.60	-	2.36	2.26	2.27	2.19
2037	Frozen fruits and vegetables.....	-	74.47	77.19	77.75	78.97	-	2.14	2.15	2.03	2.03
204	Grain mill products.....	126.54	128.82	127.18	122.30	123.12	2.85	2.85	2.82	2.73	2.73
2041	Flour and other grain mill products.....	-	137.59	134.27	128.65	130.99	-	2.94	2.90	2.84	2.86
2042	Prepared feeds for animals and fowls...	-	114.00	112.42	106.72	105.57	-	2.50	2.46	2.32	2.31
205	Bakery products.....	106.79	108.95	110.16	103.49	104.01	2.69	2.69	2.70	2.62	2.62
2051	Bread, cake, and related products.....	-	109.48	111.38	104.81	105.60	-	2.69	2.71	2.64	2.64
2052	Cookies and crackers.....	-	106.00	106.53	97.78	97.66	-	2.67	2.67	2.52	2.53
206	Sugar.....	-	118.28	117.12	110.68	111.28	-	2.67	2.68	2.76	2.60
207	Confectionery and related products.....	89.01	91.31	91.37	88.80	87.85	2.33	2.30	2.29	2.22	2.18
2071	Confectionery products.....	-	88.31	88.18	84.96	84.82	-	2.23	2.21	2.14	2.11
208	Beverages.....	126.05	128.96	126.17	117.89	122.36	3.12	3.13	3.10	2.94	2.97
2082	Malt liquors.....	-	171.65	165.95	154.31	160.96	-	4.02	3.97	3.81	3.86
2086	Bottled and canned soft drinks.....	-	92.63	91.87	86.62	89.98	-	2.31	2.32	2.16	2.20
209	Misc. foods and kindred products.....	109.98	109.72	110.33	103.91	105.11	2.65	2.60	2.59	2.48	2.45
21	<b>TOBACCO MANUFACTURES</b> .....	86.54	85.41	83.42	83.16	88.10	2.32	2.23	2.15	2.20	2.17
211	Cigarettes.....	-	103.14	101.94	103.95	112.47	-	2.78	2.77	2.70	2.71
212	Cigars.....	-	72.54	73.10	64.98	68.02	-	1.86	1.86	1.81	1.79
22	<b>TEXTILE MILL PRODUCTS</b> .....	87.31	89.88	89.03	81.61	82.40	2.14	2.14	2.13	2.01	2.00
221	Weaving mills, cotton.....	89.07	91.59	90.52	86.28	87.29	2.15	2.15	2.15	2.03	2.03
222	Weaving mills, synthetics.....	92.87	94.83	93.74	83.84	84.84	2.18	2.18	2.17	2.03	2.02
223	Weaving and finishing mills, wool.....	93.02	94.35	92.82	87.57	87.78	2.22	2.22	2.21	2.10	2.09
224	Narrow fabric mills.....	83.13	87.15	86.11	80.15	81.34	2.11	2.09	2.09	1.95	1.96
225	Knitting mills.....	76.91	78.17	79.59	70.68	70.88	2.04	2.02	2.02	1.90	1.88
2251	Women's hosiery, except socks.....	-	79.80	82.61	71.63	72.38	-	2.00	2.01	1.90	1.88
2252	Hosiery, n e c.....	-	66.61	68.60	59.79	58.58	-	1.81	1.81	1.67	1.65
2253	Knit outerwear mills.....	-	81.25	82.03	74.52	74.46	-	2.19	2.17	2.07	2.04
2254	Knit underwear mills.....	-	73.52	72.00	66.04	67.20	-	1.89	1.88	1.78	1.75
226	Textile finishing, except wool.....	96.18	102.10	100.51	90.27	93.31	2.29	2.31	2.30	2.17	2.17
227	Floor covering mills.....	-	96.36	96.12	82.01	83.82	-	2.18	2.16	2.03	2.01
228	Yarn and thread mills.....	82.40	85.20	82.96	74.37	75.48	2.00	2.00	1.98	1.85	1.85
229	Miscellaneous textile goods.....	(*)	100.62	100.42	93.44	93.66	(*)	2.34	2.33	2.23	2.23
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	72.24	74.88	74.93	70.40	69.87	2.10	2.08	2.07	1.95	1.93
231	Men's and boys' suits and coats.....	89.30	93.07	91.72	88.09	87.78	2.44	2.43	2.42	2.30	2.28
232	Men's and boys' furnishings.....	62.61	65.51	65.68	61.42	61.34	1.81	1.79	1.78	1.66	1.64
2321	Men's and boys' shirts and nightwear...	-	65.88	65.68	60.23	60.64	-	1.80	1.78	1.65	1.63
2327	Men's and boys' separate trousers.....	-	66.93	66.38	62.42	61.29	-	1.78	1.77	1.66	1.63
2328	Men's and boys' work clothing.....	-	60.86	61.37	60.43	59.72	-	1.70	1.70	1.62	1.58
233	Women's and misses' outerwear.....	74.68	75.94	76.73	72.08	71.02	2.27	2.26	2.25	2.12	2.12
2331	Women's and misses' blouses and waists...	-	64.02	66.93	60.12	59.10	-	1.94	1.94	1.80	1.78
2335	Women's and misses' dresses.....	-	74.94	76.23	71.06	70.53	-	2.32	2.31	2.16	2.17
2337	Women's and misses' suits and coats.....	-	90.39	90.83	86.18	83.92	-	2.62	2.61	2.52	2.52
2339	Women's and misses' outerwear, n e c.....	-	69.89	69.48	66.60	65.33	-	1.92	1.93	1.80	1.78
234	Women's and children's undergarments....	65.55	68.24	69.56	63.89	63.70	1.90	1.88	1.88	1.76	1.75
2341	Women's and children's underwear.....	-	66.25	68.44	61.85	60.82	-	1.82	1.83	1.69	1.68
2342	Corsets and allied garments.....	-	71.80	72.00	67.81	68.81	-	2.00	2.00	1.91	1.88
235	Hats, caps, and millinery.....	-	72.92	74.46	74.16	72.27	-	2.02	2.04	2.06	1.98
236	Children's outerwear.....	(*)	66.47	67.26	64.62	62.66	(*)	1.91	1.90	1.79	1.77
2361	Children's dresses and blouses.....	-	63.54	66.50	62.83	61.43	-	1.88	1.90	1.76	1.75
237,8	Fur goods and miscellaneous apparel....	-	82.54	85.19	74.57	76.34	-	2.28	2.29	2.06	2.08
239	Misc. fabricated textile products.....	81.11	84.24	81.41	77.29	79.15	2.21	2.16	2.12	2.05	2.04
2391,2	Housefurnishings.....	-	72.47	71.31	65.10	66.43	-	1.83	1.81	1.75	1.73
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	124.91	127.44	125.99	119.84	120.81	2.96	2.95	2.93	2.80	2.79
261,2,6	Paper and pulp mills.....	144.30	145.72	142.88	137.20	138.12	3.25	3.26	3.24	3.09	3.09
263	Paperboard mills.....	147.72	150.48	147.35	138.08	138.57	3.29	3.30	3.26	3.11	3.10
264	Misc. converted paper products.....	108.68	110.66	109.82	106.08	105.84	2.69	2.66	2.64	2.52	2.52
2643	Bags, except textile bags.....	-	107.36	105.41	100.91	100.32	-	2.55	2.54	2.42	2.40
265	Paperboard containers and boxes.....	110.84	114.09	114.21	107.07	109.65	2.73	2.71	2.70	2.58	2.58
2651,2	Folding and setup paperboard boxes....	-	103.58	103.00	95.91	98.41	-	2.49	2.47	2.38	2.36
2653	Corrugated and solid fiber boxes.....	-	120.84	121.70	112.32	115.72	-	2.85	2.85	2.70	2.71

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
<i>Nondurable Goods--Continued</i>											
<b>FOOD AND KINDRED PRODUCTS--Continued</b>											
202	Dairy products.....	42.2	42.1	42.1	42.0	42.2	-	3.7	3.7	3.4	3.7
2024	Ice cream and frozen desserts.....	-	39.3	39.6	39.6	40.0	-	-	-	-	-
2026	Fluid milk.....	-	42.7	42.7	42.2	42.5	-	-	-	-	-
203	Canned, cured, and frozen foods.....	-	37.2	37.3	38.6	38.8	2.1	2.3	2.9	2.9	
2031,6	Canned, cured and frozen sea foods.....	-	33.6	33.8	35.0	35.1	-	-	-	-	
2032,3	Canned food, except sea foods.....	-	39.4	39.0	40.2	40.0	-	-	-	-	
2037	Frozen fruits and vegetables.....	-	34.8	35.9	38.3	38.9	-	-	-	-	
204	Grain mill products.....	44.4	45.2	45.1	44.8	45.1	6.6	6.6	7.0	6.7	
2041	Flour and other grain mill product.....	-	46.8	46.3	45.3	45.8	-	-	-	-	
2042	Prepared feeds for animals and fowls.....	-	45.6	45.7	46.0	45.7	-	-	-	-	
205	Bakery products.....	39.7	40.5	40.8	39.5	39.7	3.5	4.0	2.9	3.1	
2051	Bread, cake, and related products.....	-	40.7	41.1	39.7	40.0	-	-	-	-	
2052	Cookies and crackers.....	-	39.7	39.9	38.8	38.6	-	-	-	-	
206	Sugar.....	-	44.3	43.7	40.1	42.8	3.4	4.2	3.0	3.1	
207	Confectionery and related products.....	38.2	39.7	39.9	40.0	40.3	2.7	2.9	2.6	3.2	
2071	Confectionery products.....	-	39.6	39.9	39.7	40.2	-	-	-	-	
208	Beverages.....	40.4	41.2	40.7	40.1	41.2	3.5	3.0	3.0	3.5	
2082	Malt liquors.....	-	42.7	41.8	40.5	41.7	-	-	-	-	
2086	Bottled and canned soft drinks.....	-	40.1	39.6	40.1	40.9	-	-	-	-	
209	Misc. foods and kindred products.....	41.5	42.2	42.6	41.9	42.9	4.8	4.8	4.2	4.7	
21	<b>TOBACCO MANUFACTURES.....</b>	37.3	38.3	38.8	37.8	40.6	1.7	1.9	1.1	1.9	
211	Cigarettes.....	-	38.9	36.8	38.5	41.5	1.3	1.2	1.1	2.2	
212	Cigars.....	-	39.0	39.3	35.9	38.0	1.5	1.9	.6	1.0	
22	<b>TEXTILE MILL PRODUCTS.....</b>	40.8	42.0	41.8	40.6	41.2	4.4	4.3	3.5	3.8	
221	Weaving mills, cotton.....	41.8	42.6	42.1	42.5	43.0	4.8	4.6	4.6	5.0	
222	Weaving mills, synthetics.....	42.6	43.5	43.2	41.3	42.0	5.2	5.0	3.5	3.9	
223	Weaving and finishing mills, wool.....	41.9	42.5	42.0	41.7	42.0	4.4	4.2	4.0	3.9	
224	Narrow fabric mills.....	39.4	41.7	41.2	41.1	41.5	3.5	3.5	3.5	3.9	
225	Knitting mills.....	37.7	38.7	39.4	37.2	37.7	2.4	2.7	1.8	1.9	
2251	Women's hosiery, except socks.....	-	39.9	41.1	37.7	38.5	-	-	-	-	
2252	Hosiery, n e c.....	-	36.8	37.9	35.8	35.5	-	-	-	-	
2253	Knit outerwear mills.....	-	37.1	37.8	36.0	36.5	-	-	-	-	
2254	Knit underwear mills.....	-	38.9	38.3	37.1	38.4	-	-	-	-	
226	Textile finishing, except wool.....	42.0	44.2	43.7	41.6	43.0	6.0	5.6	4.4	5.1	
227	Floor covering mills.....	-	44.2	44.5	40.4	41.7	6.0	6.4	3.5	4.3	
228	Yarn and thread mills.....	41.2	42.6	41.9	40.2	40.8	4.8	4.4	3.3	3.5	
229	Miscellaneous textile goods.....	(*)	43.0	43.1	41.9	42.0	4.8	4.7	4.2	4.2	
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS.....</b>	34.4	36.0	36.2	36.1	36.2	1.3	1.4	1.3	1.4	
231	Men's and boys' suits and coats.....	36.6	38.3	37.9	38.3	38.5	1.7	1.5	1.6	1.5	
232	Men's and boys' furnishings.....	34.7	36.6	36.9	37.0	37.4	.9	1.1	1.1	1.1	
2321	Men's and boys' shirts and nightwear.....	-	36.6	36.9	36.5	37.2	-	-	-	-	
2327	Men's and boys' separate trousers.....	-	37.6	37.5	37.6	37.6	-	-	-	-	
2328	Men's and boys' work clothing.....	-	35.8	36.1	37.3	37.8	-	-	-	-	
233	Women's and misses' outerwear.....	32.9	33.6	34.1	34.0	33.5	1.1	1.2	1.3	1.2	
2331	Women's and misses' blouses and waists.....	-	33.0	34.5	33.4	33.2	-	-	-	-	
2335	Women's and misses' dresses.....	-	32.3	33.0	32.9	32.5	-	-	-	-	
2337	Women's and misses' suits and coats.....	-	34.5	34.8	34.2	33.3	-	-	-	-	
2339	Women's and misses' outerwear, n e c.....	-	36.4	36.0	37.0	36.7	-	-	-	-	
234	Women's and children's undergarments.....	34.5	36.3	37.0	36.3	36.4	1.2	1.6	1.1	1.3	
2341	Women's and children's underwear.....	-	36.4	37.4	36.6	36.2	-	-	-	-	
2342	Corsets and allied garments.....	-	35.9	36.0	35.5	36.6	-	-	-	-	
235	Hats, caps, and millinery.....	-	36.1	36.5	36.0	36.5	.7	.9	1.5	1.2	
236	Children's outerwear.....	(*)	34.8	35.4	36.1	35.4	.7	1.0	1.3	1.2	
2361	Children's dresses and blouses.....	-	33.8	35.0	35.7	35.1	-	-	-	-	
237,8	Fur goods and miscellaneous apparel.....	-	36.2	37.2	36.2	36.7	1.3	1.9	1.0	1.6	
239	Misc. fabricated textile products.....	36.7	39.0	38.4	37.7	38.8	2.7	2.3	1.5	2.2	
2391,2	Housefurnishings.....	-	39.6	39.4	37.2	38.4	-	-	-	-	
26	<b>PAPER AND ALLIED PRODUCTS.....</b>	42.2	43.2	43.0	42.8	43.3	5.2	5.0	5.0	5.2	
261,2,6	Paper and pulp mills.....	44.4	44.7	44.1	44.4	44.7	6.4	5.9	6.0	6.1	
263	Paperboard mills.....	44.9	45.6	45.2	44.4	44.7	7.6	7.2	7.0	7.0	
264	Misc. converted paper products.....	40.4	41.6	41.6	41.6	42.0	3.7	3.6	3.9	3.9	
2643	Bags, except textile bags.....	-	42.1	41.5	41.7	41.8	-	-	-	-	
265	Paperboard containers and boxes.....	40.6	42.1	42.3	41.5	42.5	4.4	4.6	4.0	4.6	
2651,2	Folding and setup paperboard boxes.....	-	41.6	41.7	40.3	41.7	-	-	-	-	
2653	Corrugated and solid fiber boxes.....	-	42.4	42.7	41.6	42.7	-	-	-	-	

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
	<i>Nondurable Goods--Continued</i>										
27	<b>PRINTING AND PUBLISHING</b> .....	\$ 125.29	\$ 129.75	\$ 127.64	\$ 123.97	\$ 125.90	\$ 3.35	\$ 3.37	\$ 3.35	\$ 3.22	\$ 3.22
271	Newspapers.....	126.34	135.79	133.96	124.95	131.33	3.62	3.69	3.67	3.50	3.54
272	Periodicals.....	-	140.97	134.64	129.63	132.20	-	3.43	3.47	3.29	3.33
273	Books.....	-	115.63	112.71	115.09	114.54	-	2.92	2.92	2.78	2.78
275	Commercial printing .....	128.02	132.10	130.32	127.26	128.08	3.36	3.37	3.35	3.23	3.21
2751	Commercial printing, ex. lithographic .....	-	128.48	128.15	123.77	125.53	-	3.32	3.32	3.19	3.17
2752	Commercial printing, lithographic....	-	137.54	133.23	134.39	133.90	-	3.43	3.39	3.31	3.29
278	Blankbooks and bookbinding.....	97.64	99.07	99.07	96.36	96.72	2.59	2.58	2.58	2.49	2.48
274,6,7,9	Other publishing & printing ind.....	130.38	131.67	130.81	128.64	127.14	3.44	3.42	3.38	3.29	3.26
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ...	130.70	132.51	132.40	126.16	127.68	3.18	3.17	3.16	3.04	3.04
281	Industrial chemicals .....	146.16	148.47	148.47	141.20	143.65	3.48	3.51	3.51	3.37	3.38
2812	Alkalies and chlorine .....	-	148.93	148.93	139.61	139.95	-	3.58	3.58	3.34	3.34
2818	Industrial organic chemicals, n e c. .	-	155.24	157.56	148.10	152.37	-	3.67	3.69	3.56	3.56
2819	Industrial inorganic chemicals, n e c. .	-	143.14	142.46	137.61	139.44	-	3.40	3.40	3.30	3.32
282	Plastics materials and synthetics....	129.90	133.34	134.28	123.07	126.78	3.13	3.13	3.13	2.98	2.99
2821	Plastics materials and resins .....	-	145.62	146.96	133.96	138.16	-	3.34	3.31	3.13	3.14
2823,4	Synthetic fibers .....	-	120.96	120.10	110.95	114.12	-	2.88	2.88	2.76	2.77
283	Drugs.....	122.10	121.47	119.77	117.55	117.01	3.00	2.97	2.95	2.86	2.84
2834	Pharmaceutical preparations .....	-	115.60	114.80	110.40	110.40	-	2.89	2.87	2.76	2.76
284	Soap, cleaners, and toilet goods.....	123.32	125.45	123.73	122.29	120.83	3.13	3.09	3.04	2.99	2.94
2841	Soap and other detergents.....	-	154.80	153.77	147.68	146.37	-	3.73	3.67	3.55	3.51
2844	Toilet preparations .....	-	102.03	100.19	99.20	98.98	-	2.57	2.53	2.48	2.45
285	Paints and allied products.....	122.51	122.59	122.18	116.81	118.24	3.01	2.99	2.98	2.87	2.87
287	Agricultural chemicals .....	{*}	109.62	111.09	107.75	106.32	{*}	2.61	2.62	2.50	2.49
2871,2	Fertilizers, complete & mixing only..	-	104.58	106.00	103.49	102.10	-	2.49	2.50	2.39	2.38
286,9	Other chemical products.....	126.48	126.79	129.13	120.30	123.77	3.10	3.07	3.06	2.92	2.94
29	<b>PETROLEUM AND COAL PRODUCTS</b> ....	153.91	150.12	156.52	144.90	145.67	3.63	3.60	3.64	3.50	3.46
291	Petroleum refining.....	{*}	156.08	162.78	151.94	152.82	{*}	3.77	3.83	3.67	3.63
295,9	Other petroleum and coal products ....	124.38	126.95	133.06	116.05	118.02	2.99	2.98	2.99	2.81	2.81
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C</b>	117.14	119.55	120.12	112.19	113.13	2.85	2.86	2.86	2.71	2.70
301	Tires and inner tubes .....	171.44	178.42	184.79	161.62	165.10	3.87	3.93	3.94	3.69	3.71
302,3,6	Other rubber products .....	112.59	114.81	114.68	108.09	110.09	2.78	2.78	2.77	2.63	2.64
307	Miscellaneous plastics products.....	98.49	99.55	98.01	94.37	94.30	2.45	2.44	2.42	2.33	2.30
31	<b>LEATHER AND LEATHER PRODUCTS</b> ...	81.49	83.28	82.92	77.20	76.63	2.15	2.13	2.11	2.00	1.98
311	Leather tanning and finishing.....	{*}	111.24	108.94	102.66	104.19	{*}	2.70	2.67	2.56	2.56
314	Footwear, except rubber.....	79.63	81.54	80.75	75.08	73.92	2.09	2.08	2.06	1.94	1.91
312,3,5-7,9	Other leather products.....	75.56	78.11	79.17	74.86	74.87	2.07	2.05	2.03	1.97	1.96
317	Handbags and personal leather goods..	-	76.78	78.60	71.05	69.19	-	2.01	2.00	1.91	1.87
	<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup> .....	-	{*}	{*}	137.49	137.22	-	{*}	{*}	3.19	3.14
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation ....	-	117.45	120.84	112.74	112.71	-	2.83	2.83	2.71	2.69
413	Intercity highway transportation .....	-	145.53	148.47	145.29	143.22	-	3.49	3.51	3.34	3.30
42	<b>TRUCKING AND WAREHOUSING</b> .....	-	143.06	142.64	132.80	137.82	-	3.39	3.38	3.20	3.22
422	Public warehousing .....	-	105.63	105.17	97.61	99.12	-	2.57	2.51	2.41	2.40
46	<b>PIPE LINE TRANSPORTATION</b> .....	-	162.93	163.38	161.66	154.34	-	3.87	3.89	3.84	3.71
48	<b>COMMUNICATION</b> .....	-	120.87	120.08	118.01	120.40	-	3.06	3.04	2.98	3.01
481	Telephone communication .....	-	114.65	113.87	112.97	115.31	-	2.91	2.89	2.86	2.89
4817	Switchboard operating employees <sup>3</sup> ..	-	82.82	83.78	81.78	82.60	-	2.38	2.38	2.35	2.36
4818	Line construction employees <sup>4</sup> .....	-	160.28	157.16	159.58	163.96	-	3.61	3.58	3.57	3.58
482	Telegraph communication <sup>5</sup> .....	-	133.45	133.45	128.35	128.53	-	3.14	3.14	3.02	3.01
483	Radio and television broadcasting ....	-	160.34	157.98	152.05	154.41	-	4.08	4.03	3.83	3.87
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	146.37	146.72	139.18	140.11	-	3.51	3.51	3.37	3.36
491	Electric companies and systems.....	-	150.06	148.16	141.52	142.20	-	3.59	3.57	3.41	3.41
492	Gas companies and systems.....	-	135.14	136.03	129.78	128.33	-	3.28	3.27	3.15	3.13
493	Combination companies and systems ..	-	157.54	158.67	150.75	154.28	-	3.76	3.76	3.65	3.63
494-7	Water, steam & sanitary systems.....	-	117.55	121.25	112.06	111.79	-	2.86	2.88	2.76	2.74

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
-	<b>WHOLESALE AND RETAIL TRADE.....</b>	\$83.65	\$83.08	\$82.67	\$80.30	\$79.92	\$2.33	\$2.27	\$2.29	\$2.20	\$2.16
50	WHOLESALE TRADE.....	119.10	119.88	118.48	114.09	114.52	2.97	2.96	2.94	2.81	2.80
501	Motor vehicles & automotive equipment..	-	110.39	112.14	105.41	106.17	-	2.66	2.67	2.54	2.54
502	Drugs, chemicals, and allied products..	-	122.49	121.97	117.89	117.27	-	3.07	3.08	2.94	2.91
503	Dry goods and apparel.....	-	117.09	116.35	109.53	109.16	-	3.01	3.03	2.89	2.85
504	Groceries and related products.....	-	111.66	110.43	105.26	104.39	-	2.73	2.72	2.58	2.54
506	Electrical goods.....	-	137.78	130.94	132.98	136.95	-	3.16	3.14	3.05	3.05
507	Hardware; plumbing & heating equipment	-	115.54	114.97	108.68	108.81	-	2.86	2.86	2.69	2.68
508	Machinery, equipment, and supplies....	-	131.54	132.28	124.24	125.97	-	3.24	3.25	3.06	3.08
509	Miscellaneous wholesalers.....	-	118.21	116.72	113.08	114.05	-	2.97	2.94	2.82	2.83
52-59	<b>RETAIL TRADE.....</b>	72.11	72.22	71.34	69.15	69.65	2.09	2.04	2.05	1.97	1.94
53	Retail general merchandise.....	-	65.57	63.56	61.05	62.24	-	1.94	1.98	1.89	1.82
531	Department stores.....	-	68.34	66.36	64.92	64.70	-	2.04	2.10	2.01	1.92
532	Mail order houses.....	-	83.92	74.76	69.42	83.83	-	2.13	2.10	2.06	2.02
533	Variety stores.....	-	52.32	50.33	46.35	48.77	-	1.63	1.65	1.54	1.51
54	Food stores.....	-	75.14	74.81	72.27	72.14	-	2.27	2.26	2.19	2.16
541-3	Grocery, meat, and vegetable stores..	-	76.13	76.26	73.15	72.81	-	2.30	2.29	2.21	2.18
56	Apparel and accessory stores.....	-	64.90	62.66	60.35	61.15	-	1.92	1.94	1.88	1.82
561	Men's & boys' clothing & furnishings..	-	75.30	74.52	75.15	74.13	-	2.08	2.16	2.23	2.10
562	Women's ready-to-wear stores.....	-	58.08	56.25	55.38	55.78	-	1.76	1.78	1.72	1.66
565	Family clothing stores.....	-	63.54	61.48	57.22	59.43	-	1.88	1.88	1.84	1.79
566	Shoe stores.....	-	67.16	64.07	59.03	60.03	-	2.06	2.06	1.88	1.87
57	Furniture and home furnishings stores..	-	99.04	94.98	91.33	95.28	-	2.52	2.48	2.36	2.40
571	Furniture and home furnishings.....	-	98.75	94.85	89.63	93.60	-	2.50	2.47	2.31	2.34
58	Eating and drinking places <sup>6</sup> .....	-	51.13	49.86	48.62	48.72	-	1.54	1.52	1.46	1.45
52,55,59	Other retail trade.....	-	89.44	89.15	86.33	86.62	-	2.27	2.28	2.18	2.16
52	Building materials and farm equipment	-	96.64	97.06	92.10	92.99	-	2.34	2.35	2.23	2.23
551,2	Motor vehicle dealers.....	-	113.55	113.70	108.12	110.59	-	2.71	2.72	2.55	2.59
553,9	Other automotive & accessory dealers..	-	97.20	96.08	90.48	90.05	-	2.25	2.25	2.08	2.07
591	Drug stores and proprietary stores....	-	66.59	65.66	62.79	63.83	-	1.93	1.96	1.88	1.85
598	Fuel and ice dealers.....	-	111.30	113.05	107.43	106.07	-	2.65	2.66	2.51	2.49
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	100.27	99.16	98.42	94.61	93.62	2.71	2.68	2.66	2.55	2.51
60	Banking.....	-	88.06	87.08	85.04	84.15	-	2.38	2.36	2.28	2.25
61	Credit agencies other than banks.....	-	91.99	90.88	89.44	87.00	-	2.44	2.43	2.36	2.32
612	Savings and loan associations.....	-	90.90	90.04	91.96	87.08	-	2.45	2.44	2.42	2.36
62	Security, commodity brokers & services..	-	156.67	153.20	137.63	132.47	-	4.08	4.00	3.74	3.59
63	Insurance carriers.....	-	104.62	104.25	100.74	101.08	-	2.82	2.81	2.73	2.71
631	Life insurance.....	-	106.14	105.41	100.08	101.02	-	2.90	2.88	2.78	2.76
632	Accident and health insurance.....	-	89.67	88.81	90.27	90.13	-	2.43	2.42	2.42	2.41
633	Fire, marine, and casualty insurance..	-	106.78	106.03	103.57	103.47	-	2.84	2.82	2.74	2.73
-	<b>SERVICES:</b>										
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup> ...	-	57.83	56.76	55.05	55.72	-	1.62	1.59	1.50	1.51
721	Personal Services: Laundries and dry cleaning plants....	-	65.86	65.67	62.79	62.87	-	1.78	1.77	1.67	1.65
781	Motion pictures: Motion picture filming & distributing..	-	159.19	161.58	162.89	166.96	-	3.96	3.97	3.86	3.91

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
	<i>Nondurable Goods--Continued</i>										
27	<b>PRINTING AND PUBLISHING</b> .....	37.4	38.5	38.1	38.5	39.1		3.3	3.1	3.1	3.7
271	Newspapers.....	34.9	36.8	36.5	35.7	37.1		3.3	3.1	2.0	3.4
272	Periodicals.....	-	41.1	38.8	39.4	39.7		3.9	3.4	3.7	3.4
273	Books .....	-	39.6	38.6	41.4	41.2		2.6	2.1	4.5	4.4
275	Commercial printing .....	38.1	39.2	38.9	39.4	39.9		3.6	3.4	3.5	4.0
2751	Commercial printing, ex. lithographic .....	-	38.7	38.6	38.8	39.6		-	-	-	-
2752	Commercial printing, lithographic .....	-	40.1	39.3	40.6	40.7		-	-	-	-
278	Blankbooks and bookbinding .....	37.7	38.4	38.4	38.7	39.0		2.5	2.3	2.8	2.7
274,6,7,9	Other publishing & printing ind.....	37.9	38.5	38.7	39.1	39.0		3.1	2.9	3.3	3.5
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ..	41.1	41.8	41.9	41.5	42.0		3.0	3.0	2.9	3.1
281	Industrial chemicals.....	42.0	42.3	42.3	41.9	42.5		3.2	3.2	3.2	3.3
2812	Alkalies and chlorine.....	-	41.6	41.6	41.8	41.9		-	-	-	-
2818	Industrial organic chemicals, nec....	-	42.3	42.7	41.6	42.8		-	-	-	-
2819	Industrial inorganic chemicals, nec..	-	42.1	41.9	41.7	42.0		-	-	-	-
282	Plastics materials and synthetics .....	41.5	42.6	42.9	41.3	42.4		3.0	3.1	2.3	2.9
2821	Plastics materials and resins.....	-	43.6	44.4	42.8	44.0		-	-	-	-
2823,4	Synthetic fibers.....	-	42.0	41.7	40.2	41.2		-	-	-	-
283	Drugs .....	40.7	40.9	40.6	41.1	41.2		2.7	2.4	3.2	3.1
2834	Pharmaceutical preparations.....	-	40.0	40.0	40.0	40.0		-	-	-	-
284	Soap, cleaners, and toilet goods.....	39.4	40.6	40.7	40.9	41.1		2.8	2.6	2.7	2.8
2841	Soap and other detergents.....	-	41.5	41.9	41.6	41.7		-	-	-	-
2844	Toilet preparations.....	-	39.7	39.6	40.0	40.4		-	-	-	-
285	Paints and allied products.....	40.7	41.0	41.0	40.7	41.2		2.3	2.2	2.1	2.4
287	Agricultural chemicals.....	(*)	42.0	42.4	43.1	42.7		3.5	4.1	4.6	4.2
2871,2	Fertilizers, complete & mixing only..	-	42.0	42.4	43.3	42.9		-	-	-	-
286,9	Other chemical products .....	40.8	41.3	42.2	41.2	42.1		2.9	3.4	2.8	3.3
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	42.4	41.7	43.0	41.4	42.1		2.7	3.7	2.7	3.0
291	Petroleum refining.....	(*)	41.4	42.5	41.4	42.1		2.2	3.1	2.5	2.6
295,9	Other petroleum and coal products.....	41.6	42.6	44.5	41.3	42.0		4.5	5.9	3.7	4.4
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC.</b> ..	41.1	41.8	42.0	41.4	41.9		4.2	4.5	3.9	4.2
301	Tires and inner tubes.....	44.3	45.4	46.9	43.8	44.5		7.4	8.4	6.1	6.6
302,3,6	Other rubber products .....	40.5	41.3	41.4	41.1	41.7		3.3	3.6	3.3	3.6
307	Miscellaneous plastics products.....	40.2	40.8	40.5	40.5	41.0		3.6	3.7	3.3	3.6
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	37.9	39.1	39.3	38.6	38.7		2.3	2.2	2.0	2.1
311	Leather tanning and finishing.....	(*)	41.2	40.8	40.1	40.7		4.2	3.8	3.0	3.7
314	Footwear, except rubber.....	38.1	39.2	39.2	38.7	38.7		2.1	1.9	2.0	1.9
312,3,5-7,9	Other leather products .....	36.5	38.1	39.0	38.0	38.2		2.1	2.6	1.7	2.1
317	Handbags and personal leather goods..	-	38.2	39.3	37.2	37.0		2.3	3.0	1.6	1.7
	<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
	<b>RAILROAD TRANSPORTATION:</b>										
1	Class I railroads <sup>2</sup> .....		(*)	(*)	43.1	43.7					
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation.....		41.5	42.7	41.6	41.9				-	-
413	Intercity highway transportation.....		41.7	42.3	43.5	43.4				-	-
42	<b>TRUCKING AND WAREHOUSING</b> .....		42.2	42.2	41.5	42.8				-	-
422	Public warehousing .....		41.1	41.9	40.5	41.3				-	-
46	<b>PIPE LINE TRANSPORTATION</b> .....		42.1	42.0	42.1	41.6					
48	<b>COMMUNICATION</b> .....		39.5	39.5	39.6	40.0					
481	Telephone communication .....		39.4	39.4	39.5	39.9					
4817	Switchboard operating employees <sup>3</sup> ...		34.8	35.2	34.8	35.0					
4818	Line construction employees <sup>4</sup> .....		44.4	43.9	44.7	45.8					
482	Telegraph communication <sup>5</sup> .....		42.5	42.5	42.5	42.7					
483	Radio and television broadcasting.....		39.3	39.2	39.7	39.9					
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>		41.7	41.8	41.3	41.7					
491	Electric companies and systems .....		41.8	41.5	41.5	41.7					
492	Gas companies and systems .....		41.2	41.6	41.2	41.0					
493	Combination companies and systems...		41.9	42.2	41.3	42.5					
494-7	Water, steam, & sanitary systems .....		41.1	42.1	40.6	40.8					

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



# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
-	<b>WHOLESALE AND RETAIL TRADE</b> .....	35.9	36.6	36.1	36.5	37.0					
50	<b>WHOLESALE TRADE</b> .....	40.1	40.5	40.3	40.6	40.9	-	-			
501	Motor vehicles & automotive equipment ..	-	41.5	42.0	41.5	41.8	-	-			
502	Drugs, chemicals, and allied products ...	-	39.9	39.6	40.1	40.3	-	-			
503	Dry goods and apparel .....	-	38.9	38.4	37.9	38.3	-	-			
504	Groceries and related products .....	-	40.9	40.6	40.8	41.1	-	-			
506	Electrical goods .....	-	43.6	41.7	43.6	44.9	-	-			
507	Hardware; plumbing & heating equipment	-	40.4	40.2	40.4	40.6	-	-			
508	Machinery, equipment, and supplies ...	-	40.6	40.7	40.6	40.9	-	-			
509	Miscellaneous wholesalers .....	-	39.8	39.7	40.1	40.3	-	-			
52-59	<b>RETAIL TRADE</b> .....	34.5	35.4	34.8	35.1	35.9	-	-			
53	Retail general merchandise .....	-	33.8	32.1	32.3	34.2	-	-			
531	Department stores .....	-	33.5	31.6	32.3	33.7	-	-			
532	Mail order houses .....	-	39.4	35.6	33.7	41.5	-	-			
533	Variety stores .....	-	32.1	30.5	30.1	32.3	-	-			
54	Food stores .....	-	33.1	33.1	33.0	33.4	-	-			
541-3	Grocery, meat, and vegetable stores ...	-	33.1	33.3	33.1	33.4	-	-			
56	Apparel and accessory stores .....	-	33.8	32.3	32.1	33.6	-	-			
561	Men's & boys' clothing & furnishings ..	-	36.2	34.5	33.7	35.3	-	-			
562	Women's ready-to-wear stores .....	-	33.0	31.6	32.2	33.6	-	-			
565	Family clothing stores .....	-	33.8	32.7	31.1	33.2	-	-			
566	Shoe stores .....	-	32.6	31.1	31.4	32.1	-	-			
57	Furniture and home furnishings stores ...	-	39.3	38.3	38.7	39.7	-	-			
571	Furniture and home furnishings .....	-	39.5	38.4	38.8	40.0	-	-			
58	Eating and drinking places <sup>6</sup> .....	-	33.2	32.8	33.3	33.6	-	-			
52, 55, 59	Other retail trade .....	-	39.4	39.1	39.6	40.1	-	-			
52	Building materials and farm equipment	-	41.3	41.3	41.3	41.7	-	-			
551, 2	Motor vehicle dealers .....	-	41.9	41.8	42.4	42.7	-	-			
553, 9	Other automotive & accessory dealers.	-	43.2	42.7	43.5	43.5	-	-			
591	Drug stores and proprietary stores ...	-	34.5	33.5	33.4	34.5	-	-			
598	Fuel and ice dealers .....	-	42.0	42.5	42.8	42.6	-	-			
-	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> <sup>7</sup> .....	37.0	37.0	37.0	37.1	37.3					
60	Banking .....	-	37.0	36.9	37.3	37.4					
61	Credit agencies other than banks .....	-	37.7	37.4	37.9	37.5					
612	Savings and loan associations .....	-	37.1	36.9	38.0	36.9					
62	Security, commodity brokers & services.	-	38.4	38.3	36.8	36.9					
63	Insurance carriers .....	-	37.1	37.1	36.9	37.3					
631	Life insurance .....	-	36.6	36.6	36.0	36.6					
632	Accident and health insurance .....	-	36.9	36.7	37.3	37.4					
633	Fire, marine, and casualty insurance ..	-	37.6	37.6	37.8	37.9					
-	<b>SERVICES:</b>										
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> ...	-	35.7	35.7	36.7	36.9					
	Personal Services:										
721	Laundries & dry cleaning plants .....	-	37.0	37.1	37.6	38.1					
	Motion pictures:										
781	Motion picture filmi&g & distributing ..	-	40.2	40.7	42.2	42.7	-	-			

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

<sup>2</sup> Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more. August 1967: \$141.68, \$3.22, and 44.0.

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1966, such employees made up 33 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1966, such employees made up 33 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

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

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

<sup>7</sup> Data for nonoffice salesmen excluded from all series in this division.

\*Not available.

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

**C-3: Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government**  
(Employment in thousands—includes both supervisory and nonsupervisory employees)

Item	1967												1966	
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	
<b>EXECUTIVE BRANCH</b>														
Total employment . . . . .	2,675.2	2,673.5	2,673.0	2,749.3	2,763.4	2,731.8	2,657.2	2,650.3	2,635.7	2,619.7	2,609.3	2,736.4	2,608.2	
Average weekly hours . . . . .	39.5	39.3	39.2	39.2	39.3	39.1	39.0	39.0	39.2	39.6	39.6	40.8	39.7	
Average overtime hours . . . . .	.9	1.0	1.0	.8	.9	.9	.9	.9	.8	.9	1.2	2.4	1.0	
Indexes (1965=100):														
Average weekly earnings . . . . .	105.2	104.1	102.4	101.6	102.1	102.2	102.5	102.2	102.4	103.8	103.8	107.5	103.2	
Average hourly earnings . . . . .	107.9	107.3	105.8	105.0	105.3	105.8	106.4	106.1	105.8	106.1	106.1	106.7	105.3	
<b>DEPARTMENT OF DEFENSE</b>														
Total employment . . . . .	1,103.9	1,104.6	1,104.7	1,135.5	1,144.1	1,135.3	1,103.0	1,100.4	1,098.1	1,092.7	1,084.3	1,076.3	1,071.7	
Average weekly hours . . . . .	40.3	40.3	40.5	40.1	40.1	40.5	40.1	40.0	40.3	40.6	40.7	40.2	40.8	
Average overtime hours . . . . .	1.1	1.2	1.4	1.1	1.3	1.3	1.2	1.2	1.1	1.2	1.3	1.4	1.4	
Indexes (1965=100):														
Average weekly earnings . . . . .	105.9	105.1	103.0	102.3	102.6	103.3	103.7	102.9	103.1	104.1	103.5	102.8	104.1	
Average hourly earnings . . . . .	107.2	106.4	103.8	104.0	104.3	104.0	105.5	104.9	104.3	104.6	103.8	104.3	104.1	
<b>POST OFFICE DEPARTMENT</b>														
Total employment . . . . .	708.8	702.7	701.4	715.2	713.7	714.4	697.8	696.9	693.1	689.4	697.2	837.8	706.3	
Average weekly hours . . . . .	39.1	38.3	38.0	37.8	38.0	37.5	37.7	37.7	38.1	38.7	38.7	43.8	38.4	
Average overtime hours . . . . .	.9	.9	.7	.4	.3	.4	.5	.5	.6	.6	1.8	5.9	.7	
Indexes (1965=100):														
Average weekly earnings . . . . .	101.6	98.2	97.8	96.1	96.6	95.6	96.4	96.7	97.7	99.3	100.8	118.3	98.2	
Average hourly earnings . . . . .	107.3	105.9	106.3	105.0	105.3	105.3	105.6	105.9	105.9	105.9	107.6	111.6	105.6	
<b>OTHER AGENCIES</b>														
Total employment . . . . .	862.5	866.2	866.9	898.6	905.6	882.1	856.4	853.0	844.5	837.6	827.8	822.3	830.2	
Average weekly hours . . . . .	38.9	38.7	38.6	39.1	39.0	38.5	38.7	38.8	38.8	38.9	38.7	38.9	39.4	
Average overtime hours . . . . .	.7	.7	.7	.8	.7	.8	.7	.7	.6	.7	.7	.7	.8	
Indexes (1965=100):														
Average weekly earnings . . . . .	108.1	107.0	106.2	105.2	105.7	106.4	105.7	105.9	105.7	106.8	106.5	106.2	107.0	
Average hourly earnings . . . . .	109.8	109.2	108.7	106.2	107.0	109.2	107.9	107.9	107.6	108.4	108.7	107.9	107.3	

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

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

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
<b>MANUFACTURING</b> . . . . .	\$2.82	\$2.79	\$2.76	\$2.67	\$2.65
<b>DURABLE GOODS</b> . . . . .	2.99	2.96	2.93	2.84	2.82
Ordnance and accessories . . . . .	-	3.16	3.15	3.08	3.08
Lumber and wood products . . . . .	-	2.33	2.34	2.18	2.18
Furniture and fixtures . . . . .	-	2.30	2.28	2.18	2.16
Stone, clay, and glass products . . . . .	-	2.75	2.76	2.65	2.64
Primary metal industries . . . . .	-	3.30	3.29	3.16	3.15
Fabricated metal products . . . . .	-	2.92	2.89	2.80	2.79
Machinery, except electrical . . . . .	-	3.10	3.09	2.98	2.96
Electrical equipment and supplies . . . . .	-	2.77	2.74	2.61	2.60
Transportation equipment . . . . .	-	3.38	3.34	3.26	3.25
Instruments and related products . . . . .	-	2.81	2.78	2.67	2.66
Miscellaneous manufacturing industries . . . . .	-	2.35	2.29	2.25	2.21
<b>NONDURABLE GOODS</b> . . . . .	2.56	2.54	2.52	2.42	2.40
Food and kindred products . . . . .	-	2.57	2.54	2.48	2.45
Tobacco manufactures . . . . .	-	2.19	2.10	2.17	2.12
Textile mill products . . . . .	-	2.03	2.03	1.93	1.91
Apparel and other textile products . . . . .	-	2.05	2.03	1.91	1.90
Paper and allied products . . . . .	-	2.78	2.77	2.65	2.64
Printing and publishing . . . . .	-	(2)	(2)	(2)	(2)
Chemicals and allied products . . . . .	-	3.06	3.05	2.94	2.93
Petroleum and coal products . . . . .	-	3.48	3.49	3.38	3.34
Rubber and plastics products, n e c . . . . .	-	2.72	2.71	2.59	2.57
Leather and leather products . . . . .	-	2.07	2.05	1.95	1.93

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

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

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

**C-5: Gross and spendable average weekly earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, in current and 1957-59 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings						
				Worker with no dependents			Worker with three dependents			
	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	
<b>TOTAL PRIVATE:</b>										
Current dollars .....	\$103.90	\$103.63	\$99.97	\$84.95	\$84.74	\$82.17	\$92.50	\$92.29	\$89.58	
1957-59 dollars .....	87.90	87.97	87.16	71.87	71.94	71.64	78.26	78.34	78.10	
<b>MINING:</b>										
Current dollars .....	137.80	139.32	133.45	111.13	112.34	107.89	120.12	121.38	116.70	
1957-59 dollars .....	116.58	118.27	116.35	94.02	95.37	94.06	101.62	103.04	101.74	
<b>CONTRACT CONSTRUCTION:</b>										
Current dollars .....	154.40	161.24	148.83	124.08	129.38	120.01	133.88	139.55	129.51	
1957-59 dollars .....	130.63	136.88	129.76	104.97	109.83	104.63	113.27	118.46	112.91	
<b>MANUFACTURING:</b>										
Current dollars .....	119.60	117.50	114.40	96.85	95.26	93.13	105.04	103.35	101.09	
1957-59 dollars .....	101.18	99.75	99.74	81.94	80.87	81.19	88.87	87.73	88.13	
<b>WHOLESALE AND RETAIL TRADE:</b>										
Current dollars .....	83.08	82.67	79.92	68.76	68.44	66.44	75.81	75.48	73.43	
1957-59 dollars .....	70.29	70.18	69.68	58.17	58.10	57.93	64.14	64.07	64.02	
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>										
Current dollars .....	99.16	98.42	93.62	81.35	80.79	77.22	88.73	88.14	84.49	
1957-59 dollars .....	83.89	83.55	81.62	68.82	68.58	67.32	75.07	74.82	73.66	

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

**C-6: Indexes of aggregate weekly man-hours and payrolls in industrial and construction activities<sup>1</sup>**

Industry	1957-59=100				
	Jan. 1968	Dec. 1967	Nov. 1967	Jan. 1967	Dec. 1966
	Man-hours				
<b>TOTAL</b> .....	108.7	114.5	116.0	112.3	116.2
<b>MINING</b> .....	73.1	76.6	78.0	79.1	81.4
<b>CONTRACT CONSTRUCTION</b> .....	89.2	106.8	119.8	99.1	107.4
<b>MANUFACTURING</b> .....	114.0	117.8	117.2	116.4	119.6
<b>DURABLE GOODS</b> .....	120.8	123.6	121.7	123.4	126.6
Ordnance and accessories .....	192.2	191.1	188.7	168.1	164.8
Lumber and wood products .....	86.3	90.8	93.9	89.4	90.7
Furniture and fixtures .....	122.9	129.3	125.6	123.1	130.6
Stone, clay, and glass products .....	100.4	106.8	109.8	103.0	106.9
Primary metal industries .....	106.3	107.2	105.8	116.0	115.4
Fabricated metal products .....	123.5	126.7	124.4	125.6	129.4
Machinery, except electrical .....	135.3	134.6	135.4	143.5	144.6
Electrical equipment and supplies .....	141.5	144.9	143.7	147.3	151.3
Transportation equipment .....	123.5	126.3	115.2	116.0	122.3
Instruments and related products .....	128.3	130.8	129.7	131.0	133.1
Miscellaneous manufacturing industries .....	102.0	108.7	116.9	105.2	112.1
<b>NONDURABLE GOODS</b> .....	105.3	110.4	111.4	107.3	110.4
Food and kindred products .....	89.9	95.5	98.8	91.4	96.6
Tobacco manufactures .....	80.6	94.9	100.7	87.8	98.9
Textile mill products .....	101.5	105.7	105.4	101.3	103.9
Apparel and other textile products .....	108.7	116.3	118.1	116.9	118.6
Paper and allied products .....	114.1	118.5	117.9	114.1	116.9
Printing and publishing .....	114.8	119.9	118.4	117.2	119.9
Chemicals and allied products .....	117.0	119.3	119.1	115.5	117.1
Petroleum and coal products .....	81.9	81.5	85.3	77.5	80.1
Rubber and plastics products, nec. ....	149.3	154.1	154.7	149.4	153.2
Leather and leather products .....	94.1	98.9	99.1	98.2	100.2
	Payrolls				
<b>MINING</b> .....	96.6	100.0	101.4	100.4	102.6
<b>CONTRACT CONSTRUCTION</b> .....	135.5	160.2	178.5	141.0	151.7
<b>MANUFACTURING</b> .....	158.3	162.4	159.5	153.1	156.9

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

# ESTABLISHMENT DATA SEASONALLY ADJUSTED HOURS

C-7: Average weekly hours of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, seasonally adjusted

Industry	Jan. 1968	Dec. 1967	Nov. 1967	Oct. 1967	Sept. 1967	Aug. 1967	July 1967	June 1967	May 1967	Apr. 1967	Mar. 1967	Feb. 1967	Jan. 1967
<b>TOTAL PRIVATE</b> .....	37.8	38.0	38.3	38.0	38.4	38.2	38.2	38.1	38.0	38.0	38.2	38.2	38.4
<b>MINING</b> .....	42.3	42.4	43.5	42.3	42.8	42.8	43.2	42.2	42.0	42.7	42.4	42.2	42.6
<b>CONTRACT CONSTRUCTION</b> .....	35.7	37.3	39.4	37.1	38.3	37.5	37.5	37.4	36.4	37.4	37.4	37.6	38.2
<b>MANUFACTURING</b> .....	40.5	40.8	40.8	40.7	40.8	40.7	40.4	40.3	40.3	40.5	40.4	40.3	41.0
<i>Overtime hours</i> .....	3.4	3.5	3.3	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.3	3.4	3.6
<b>DURABLE GOODS</b> .....	41.5	41.5	41.2	41.3	41.6	41.3	41.0	40.9	41.0	41.0	41.1	41.0	41.7
<i>Overtime hours</i> .....	3.7	3.7	3.4	3.5	3.7	3.5	3.5	3.3	3.3	3.3	3.5	3.7	3.9
Ordnance and accessories .....	41.5	41.7	41.9	41.7	42.4	41.9	41.8	41.2	42.0	41.6	41.9	41.7	42.0
Lumber and wood products .....	39.7	40.4	41.2	40.5	40.5	39.7	39.9	40.1	40.1	40.6	40.7	40.3	40.4
Furniture and fixtures .....	40.5	40.7	40.5	40.4	40.7	40.2	40.2	40.3	40.1	40.3	40.2	40.2	40.7
Stone, clay, and glass products .....	40.9	41.6	42.1	41.8	42.0	41.6	41.3	41.3	41.1	41.3	41.5	41.5	41.9
Primary metal industries .....	41.4	41.6	41.6	41.3	41.0	41.0	40.9	40.6	40.6	40.2	40.8	40.9	41.8
Fabricated metal products .....	41.9	41.6	41.4	41.4	41.8	41.5	41.3	41.2	41.3	41.5	41.5	41.4	42.2
Machinery, except electrical .....	42.1	42.4	42.4	42.3	42.7	42.2	42.1	42.0	42.3	42.8	42.9	43.0	43.5
Electrical equipment and supplies .....	40.5	40.4	40.6	40.5	40.2	40.4	40.3	40.0	39.9	39.6	40.0	39.7	40.7
Transportation equipment .....	43.1	42.6	39.8	41.5	42.7	42.5	41.4	41.2	41.7	40.9	40.7	40.7	41.6
Instruments and related products .....	41.0	41.2	41.1	41.1	41.2	41.2	41.0	41.0	41.1	41.5	41.5	40.9	41.8
Miscellaneous manufacturing industries .....	39.3	39.4	39.6	39.4	39.5	39.4	39.2	39.4	39.5	39.7	39.2	38.7	40.0
<b>NONDURABLE GOODS</b> .....	39.3	39.8	40.1	39.7	39.9	39.7	39.6	39.5	39.5	39.8	39.5	39.5	40.0
<i>Overtime hours</i> .....	3.2	3.3	3.2	3.2	3.3	3.1	3.0	3.0	3.0	3.0	3.2	3.1	3.3
Food and kindred products .....	40.5	40.7	40.8	40.7	41.0	40.8	40.6	41.0	40.6	40.8	41.1	41.0	41.1
Tobacco manufactures .....	38.1	36.8	38.8	39.0	38.0	38.9	38.4	39.0	38.3	39.4	38.2	38.2	38.7
Textile mill products .....	41.1	41.7	41.5	41.3	41.4	41.0	40.6	40.4	40.5	40.8	40.2	40.2	40.9
Apparel and other textile products .....	34.9	36.2	36.3	35.8	36.3	35.8	35.9	35.7	35.9	36.2	35.5	35.6	36.6
Paper and allied products .....	42.6	43.0	42.8	42.8	42.8	42.6	42.7	42.6	42.5	42.5	42.8	42.8	43.2
Printing and publishing .....	37.7	38.0	38.2	38.0	38.3	38.3	38.3	38.3	38.3	38.6	38.5	38.6	38.8
Chemicals and allied products .....	41.4	41.7	41.9	41.5	41.5	41.5	41.5	41.3	41.2	41.5	41.6	41.4	41.8
Petroleum and coal products .....	43.0	42.0	43.1	43.0	42.4	43.1	42.8	42.6	42.6	42.6	43.0	42.6	42.0
Rubber and plastics products, n e c .....	41.2	41.3	41.8	41.9	41.9	42.0	40.6	41.2	40.9	41.1	41.0	40.9	41.5
Leather and leather products .....	37.6	38.4	39.5	38.7	38.9	38.3	38.4	37.9	37.7	37.7	37.0	37.1	38.3
<b>WHOLESALE AND RETAIL TRADE</b> .....	36.2	36.3	36.5	36.3	36.7	36.7	36.7	36.7	36.3	36.4	36.6	36.6	36.8
<b>WHOLESALE TRADE</b> .....	40.2	40.2	40.3	40.3	40.3	40.5	40.5	40.5	40.3	40.4	40.5	40.5	40.7
<b>RETAIL TRADE</b> .....	34.9	35.1	35.2	35.1	35.4	35.5	35.4	35.4	35.2	35.1	35.3	35.3	35.5
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	37.0	36.9	37.1	37.1	37.1	37.1	37.0	37.1	37.1	37.0	37.0	37.0	37.1

<sup>1</sup>For coverage of series, see footnote 1, table B-2.  
NOTE: Data for the 2 most recent months are preliminary.

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

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

1957-59=100

Industry	Jan. 1968	Dec. 1967	Nov. 1967	Oct. 1967	Sept. 1967	Aug. 1967	July 1967	June 1967	May 1967	Apr. 1967	Mar. 1967	Feb. 1967	Jan. 1967
<b>TOTAL . . . . .</b>	113.0	114.8	114.9	111.8	112.7	113.0	111.8	111.9	111.5	113.2	114.3	114.9	116.9
<b>MINING . . . . .</b>	75.4	76.6	78.2	76.4	77.7	78.5	82.2	79.7	79.4	80.9	80.8	80.6	81.7
<b>CONTRACT CONSTRUCTION . . . . .</b>	104.9	115.1	119.5	110.6	113.9	111.0	111.2	109.1	106.7	112.6	114.6	116.7	116.6
<b>MANUFACTURING . . . . .</b>	116.3	116.7	115.9	113.8	114.2	115.2	113.4	114.1	114.0	114.9	115.9	116.3	118.8
<b>DURABLE GOODS . . . . .</b>	122.5	122.0	120.4	117.7	118.6	121.0	118.3	118.9	119.5	119.8	121.9	122.3	125.2
Ordnance and accessories . . . . .	189.2	186.6	185.1	184.2	183.7	182.8	177.6	172.7	173.7	172.1	172.1	167.8	165.4
Lumber and wood products . . . . .	92.1	93.5	94.7	92.7	91.8	90.1	90.4	91.6	90.7	93.1	95.3	94.2	95.5
Furniture and fixtures . . . . .	126.1	125.7	122.8	121.6	121.1	119.3	118.4	120.3	121.0	121.2	122.6	124.2	126.1
Stone, clay, and glass products . . . . .	106.9	109.4	108.7	106.9	106.1	105.7	105.2	105.2	104.1	105.4	108.0	108.0	109.7
Primary metal industries . . . . .	107.3	108.8	108.7	105.6	104.2	106.4	106.0	106.7	107.2	106.8	110.9	113.1	117.1
Fabricated metal products . . . . .	125.7	124.9	122.5	120.1	121.1	123.2	121.8	122.3	121.8	123.0	124.5	124.9	127.7
Machinery, except electrical . . . . .	135.2	133.3	137.2	132.6	137.5	136.9	135.9	136.0	137.0	139.3	140.5	141.2	143.5
Electrical equipment and supplies . . . . .	141.8	140.7	140.8	138.3	136.2	140.2	137.1	134.6	137.8	138.2	143.3	143.6	147.6
Transportation equipment . . . . .	122.3	120.4	110.5	107.6	111.4	120.6	110.5	114.2	114.2	110.9	111.6	112.3	114.9
Instruments and related products . . . . .	129.4	129.6	128.4	127.5	126.9	128.7	128.1	128.1	129.3	131.4	131.4	129.1	132.4
Miscellaneous manufacturing industries . . . . .	111.7	109.4	109.3	107.8	108.4	108.4	108.5	109.4	110.3	111.2	110.1	109.7	115.3
<b>NONDURABLE GOODS . . . . .</b>	108.3	109.9	110.0	108.7	108.6	107.6	107.0	107.8	106.9	108.5	108.1	108.5	110.4
Food and kindred products . . . . .	95.9	95.9	96.0	95.5	95.4	92.7	95.3	97.5	96.2	96.5	97.7	97.2	97.3
Tobacco manufactures . . . . .	83.6	83.0	91.1	83.2	79.9	85.4	89.0	89.2	86.4	87.7	83.8	85.0	90.9
Textile mill products . . . . .	103.6	105.3	103.9	103.3	103.0	101.6	100.0	100.4	99.9	101.0	100.3	100.7	103.4
Apparel and other textile products . . . . .	112.0	117.4	117.2	114.8	115.9	114.8	114.9	116.0	116.3	117.0	114.1	116.0	120.4
Paper and allied products . . . . .	116.3	117.6	116.4	116.0	115.1	116.1	116.8	116.3	113.9	114.1	116.0	115.6	116.2
Printing and publishing . . . . .	116.8	117.4	118.1	116.8	117.8	118.5	118.6	118.5	118.3	119.4	119.3	118.9	119.1
Chemicals and allied products . . . . .	119.2	120.1	120.0	118.7	116.9	116.9	116.9	116.0	115.1	116.5	116.2	116.7	117.8
Petroleum and coal products . . . . .	85.9	83.2	86.1	85.9	84.0	84.0	84.1	83.7	82.3	83.0	82.4	82.3	81.2
Rubber and plastics products, n e c . . . . .	149.6	150.4	151.5	150.3	150.0	148.1	129.2	131.2	127.3	145.3	145.3	146.0	150.0
Leather and leather products . . . . .	94.1	96.5	98.9	95.9	95.5	93.7	92.7	93.7	94.1	94.7	92.0	93.8	98.1

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

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

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

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966
ALABAMA.....	\$104.25	\$100.86	\$98.23	41.7	41.0	41.8	\$2.50	\$2.46	\$2.35
Birmingham.....	128.21	122.21	125.83	41.9	40.6	42.8	3.06	3.01	2.94
Mobile.....	121.82	120.98	111.49	43.2	42.9	41.6	2.82	2.82	2.68
ALASKA.....	(1)	176.02	165.53	(1)	38.6	41.8	(1)	4.56	3.96
ARIZONA.....	120.25	120.83	122.60	40.9	41.1	41.7	2.94	2.94	2.94
Phoenix.....	120.89	119.89	119.81	41.4	41.2	41.6	2.92	2.91	2.88
Tucson.....	141.28	138.84	148.12	41.8	41.2	42.2	3.38	3.37	3.51
ARKANSAS.....	84.63	83.42	78.36	40.3	40.3	40.6	2.10	2.07	1.93
Fort Smith.....	80.20	79.20	75.30	40.3	40.0	40.7	1.99	1.98	1.85
Little Rock-North Little Rock.....	82.78	83.85	78.98	39.8	40.9	40.5	2.08	2.05	1.95
Pine Bluff.....	120.94	109.30	93.09	44.3	42.2	40.3	2.73	2.59	2.31
CALIFORNIA.....	138.24	135.60	131.14	40.9	40.6	40.6	3.38	3.34	3.23
Anaheim-Santa Ana-Garden Grove.....	137.45	136.29	133.24	41.4	41.3	41.9	3.32	3.30	3.18
Bakersfield.....	136.74	142.14	135.26	40.1	41.2	39.9	3.41	3.45	3.39
Fresno.....	110.96	112.22	110.83	38.0	38.3	39.3	2.92	2.93	2.82
Los Angeles-Long Beach.....	137.12	135.55	130.19	41.3	41.2	41.2	3.32	3.29	3.16
Oxnard-Ventura.....	119.81	121.20	109.58	38.9	40.4	37.4	3.08	3.00	2.93
Sacramento.....	148.14	143.54	140.37	39.4	38.9	39.1	3.76	3.69	3.59
San Bernardino-Riverside-Ontario.....	131.86	133.42	120.67	40.2	40.8	38.8	3.28	3.27	3.11
San Diego.....	150.14	147.83	141.98	40.8	40.5	40.8	3.68	3.65	3.48
San Francisco-Oakland.....	145.27	143.35	138.45	39.8	39.6	39.9	3.65	3.62	3.47
San Jose.....	146.65	136.12	139.10	41.9	39.8	41.4	3.50	3.42	3.36
Santa Barbara.....	122.62	126.63	126.47	38.2	40.2	39.4	3.21	3.15	3.21
Santa Rosa.....	117.62	113.62	109.29	37.7	38.0	37.3	3.12	2.99	2.93
Stockton.....	136.40	137.83	128.38	40.0	40.3	39.5	3.41	3.42	3.25
Vallejo-Napa.....	137.83	128.15	126.99	40.3	38.6	38.6	3.42	3.32	3.29
COLORADO.....	121.30	123.52	118.78	39.9	40.9	41.1	3.04	3.02	2.89
Denver.....	124.71	125.76	123.37	40.1	40.7	41.4	3.11	3.09	2.98
CONNECTICUT.....	129.56	126.95	125.43	42.9	42.6	43.4	3.02	2.98	2.89
Bridgeport.....	134.47	134.03	132.76	43.8	43.8	44.7	3.07	3.06	2.97
Hartford.....	144.86	137.14	131.72	44.3	43.4	44.2	3.27	3.16	2.98
New Britain.....	133.85	129.56	129.06	43.6	42.9	44.2	3.07	3.02	2.92
New Haven.....	128.05	125.70	120.96	42.4	41.9	42.0	3.02	3.00	2.88
Stamford.....	135.60	131.52	124.84	43.6	42.7	42.9	3.11	3.08	2.91
Waterbury.....	117.46	118.30	122.95	41.8	42.1	43.6	2.81	2.81	2.82
DELAWARE.....	129.58	104.89	125.63	41.4	35.8	42.3	3.13	2.93	2.97
Wilmington.....	143.37	116.44	138.45	41.8	35.5	42.6	3.43	3.28	3.25
DISTRICT OF COLUMBIA: Washington SMSA.....	(1)	123.72	118.40	(1)	39.4	39.6	(1)	3.14	2.99
FLORIDA.....	104.00	101.70	99.59	42.8	42.2	43.3	2.43	2.41	2.30
Fort Lauderdale-Hollywood.....	100.58	96.56	93.48	42.8	41.8	41.0	2.35	2.31	2.28
Jacksonville.....	111.48	115.64	108.62	40.1	41.3	43.8	2.78	2.80	2.48
Miami.....	94.99	92.97	92.64	41.3	40.6	42.3	2.30	2.29	2.19
Orlando.....	(1)	101.88	99.00	(1)	42.1	45.0	(1)	2.42	2.20
Pensacola.....	123.04	123.08	111.87	44.1	43.8	41.9	2.79	2.81	2.67
Tampa-St. Petersburg.....	(1)	104.00	102.86	(1)	42.8	43.4	(1)	2.43	2.37
West Palm Beach.....	130.90	121.16	113.10	47.6	43.9	42.2	2.75	2.76	2.68
GEORGIA.....	93.79	91.84	88.58	41.5	41.0	41.2	2.26	2.24	2.15
Atlanta.....	112.40	108.42	106.00	40.0	39.0	40.0	2.81	2.78	2.65
Savannah.....	113.79	114.36	111.28	42.3	42.2	43.3	2.69	2.71	2.57
HAWAII.....	110.60	105.88	100.35	39.5	38.5	38.3	2.80	2.75	2.62
IDAHO.....	108.58	113.88	111.78	37.7	39.0	40.5	2.88	2.92	2.76
ILLINOIS.....	129.07	127.22	126.06	41.0	40.8	41.8	3.15	3.12	3.01
Chicago.....	(1)	128.84	127.71	(1)	40.9	41.9	(1)	3.15	3.04
Davenport-Rock Island-Moline.....	(1)	140.48	147.98	(1)	40.0	42.5	(1)	3.51	3.49

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

# ESTABLISHMENT DATA STATE AND AREA HOURS AND EARNINGS

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966
<b>ILLINOIS-(Continued)</b>									
Peoria .....	(1)	\$155.60	\$140.02	(1)	42.7	41.5	(1)	\$3.65	\$3.37
Rockford .....	(1)	125.12	136.21	(1)	40.9	44.8	(1)	3.06	3.04
<b>INDIANA</b>									
Indianapolis .....	\$131.02	128.30	127.60	41.2	40.6	41.7	\$3.18	3.16	3.06
	(1)	130.72	133.73	(1)	41.5	43.0	(1)	3.15	3.11
<b>IOWA</b>									
Cedar Rapids .....	122.95	125.14	123.24	40.9	40.8	41.3	3.01	3.07	2.98
Des Moines .....	119.56	122.29	123.29	40.5	40.9	42.7	2.96	2.99	2.89
	135.43	136.70	133.15	40.1	40.5	40.7	3.37	3.37	3.27
<b>KANSAS</b>									
Topeka .....	123.11	123.78	118.90	42.5	42.6	42.4	2.90	2.90	2.80
Wichita .....	139.32	136.69	125.93	45.3	44.7	43.1	3.08	3.06	2.92
	131.08	132.48	125.96	42.4	42.8	42.0	3.09	3.10	3.00
<b>KENTUCKY</b>									
Louisville .....	110.15	110.28	105.15	40.2	40.1	40.6	2.74	2.75	2.59
	124.40	121.57	121.63	39.8	38.9	40.4	3.13	3.12	3.01
<b>LOUISIANA</b>									
Baton Rouge .....	117.34	118.86	111.19	43.3	43.7	41.8	2.71	2.72	2.66
New Orleans .....	133.90	141.99	136.06	38.7	38.9	39.9	3.46	3.65	3.41
Shreveport .....	122.77	123.61	118.56	41.9	41.9	41.6	2.93	2.95	2.85
	106.26	106.68	106.70	42.0	42.0	43.2	2.53	2.54	2.42
<b>MAINE</b>									
Lewiston-Auburn .....	95.30	97.29	92.77	40.9	41.4	41.6	2.33	2.35	2.23
Portland .....	80.64	83.32	78.80	38.4	39.3	39.4	2.10	2.12	2.00
	98.15	97.69	95.47	39.9	40.2	40.8	2.46	2.43	2.34
<b>MARYLAND</b>									
Baltimore .....	119.31	115.66	112.75	41.0	40.3	41.0	2.91	2.87	2.75
	123.52	119.80	116.69	40.9	40.2	40.8	3.02	2.98	2.86
<b>MASSACHUSETTS</b>									
Boston .....	113.99	110.55	107.71	41.3	40.2	40.8	2.76	2.75	2.64
Brockton .....	120.20	118.70	116.97	40.2	40.1	40.9	2.99	2.96	2.86
Fall River .....	96.15	96.96	91.54	39.9	39.9	39.8	2.46	2.43	2.30
Lawrence-Haverhill .....	81.04	82.17	76.25	35.7	36.2	35.8	2.27	2.27	2.13
Lowell .....	104.23	104.92	98.33	40.4	40.2	40.3	2.58	2.61	2.44
New Bedford .....	94.32	93.03	90.09	39.3	38.6	39.0	2.40	2.41	2.31
Springfield-Chicopee-Holyoke .....	90.48	89.77	85.80	39.0	38.2	39.0	2.32	2.35	2.20
Worcester .....	115.77	114.54	110.97	41.2	41.2	41.1	2.81	2.78	2.70
	118.32	115.31	113.98	40.8	39.9	41.0	2.90	2.89	2.78
<b>MICHIGAN</b>									
Ann Arbor .....	167.26	143.85	147.62	45.6	40.9	43.0	3.67	3.52	3.43
Battle Creek .....	149.45	143.96	147.24	41.0	40.0	41.9	3.65	3.60	3.51
Bay City .....	142.29	143.14	143.25	41.4	42.4	43.2	3.44	3.38	3.32
Detroit .....	137.39	133.64	130.83	42.3	41.4	41.6	3.25	3.23	3.15
Flint .....	190.75	159.02	159.82	49.7	43.2	44.1	3.84	3.68	3.62
Grand Rapids .....	151.96	152.05	159.55	40.5	40.3	42.5	3.75	3.77	3.75
Jackson .....	129.62	126.75	124.39	41.8	41.1	41.7	3.10	3.08	2.98
Kalamazoo .....	139.67	141.16	138.07	39.5	40.0	41.4	3.54	3.53	3.34
Lansing .....	136.39	132.59	133.01	42.2	41.5	42.7	3.23	3.20	3.12
Muskegon-Muskegon Heights .....	152.92	152.72	146.87	42.5	42.2	41.5	3.60	3.62	3.54
Saginaw .....	135.46	133.66	135.10	41.3	40.8	42.1	3.28	3.28	3.21
	155.49	152.82	145.58	43.0	42.7	42.1	3.62	3.58	3.46
<b>MINNESOTA</b>									
Duluth-Superior .....	123.77	121.61	119.41	41.5	41.1	41.9	2.98	2.96	2.85
Minneapolis-St. Paul .....	115.19	113.52	111.38	39.5	39.2	39.3	2.91	2.90	2.84
	131.23	128.74	126.41	41.9	41.5	42.2	3.13	3.10	3.00
<b>MISSISSIPPI</b>									
Jackson .....	87.99	86.32	81.12	41.7	41.3	41.6	2.11	2.09	1.95
	86.10	86.72	86.57	41.0	41.1	43.5	2.10	2.11	1.99
<b>MISSOURI</b>									
Kansas City .....	118.55	115.89	114.11	40.6	40.1	40.9	2.92	2.89	2.79
St. Louis .....	123.12	122.11	123.07	40.5	40.3	41.3	3.04	3.03	2.98
	135.05	131.05	126.48	41.3	40.7	41.2	3.27	3.22	3.07
<b>MONTANA</b>									
.....	128.32	127.28	118.01	40.1	39.9	39.6	3.20	3.19	2.98
<b>NEBRASKA</b>									
Omaha .....	113.98	116.07	108.45	42.5	43.1	42.6	2.68	2.69	2.55
	120.82	123.37	117.25	42.5	43.3	42.7	2.84	2.85	2.75

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

# ESTABLISHMENT DATA

## STATE AND AREA HOURS AND EARNINGS

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966
NEVADA.....	\$144.18	\$147.60	\$134.27	39.5	40.0	40.2	\$3.65	\$3.69	\$3.34
NEW HAMPSHIRE.....	95.58	94.13	89.79	41.2	40.4	41.0	2.32	2.33	2.19
Manchester.....	88.75	88.75	82.56	39.8	39.8	39.5	2.23	2.23	2.09
NEW JERSEY.....	124.31	120.88	119.94	41.3	40.7	41.5	3.01	2.97	2.89
Atlantic City.....	96.76	93.06	88.75	41.0	39.1	39.8	2.36	2.38	2.23
Jersey City <sup>2</sup> .....	122.25	122.66	116.97	41.3	41.3	40.9	2.96	2.97	2.86
Newark <sup>2</sup> .....	124.42	121.69	121.06	41.2	40.7	41.6	3.02	2.99	2.91
Paterson-Clifton-Passaic <sup>2</sup> .....	124.80	120.36	121.80	41.6	40.8	42.0	3.00	2.95	2.90
Perth Amboy <sup>2</sup> .....	133.56	126.27	129.13	42.0	40.6	42.9	3.18	3.11	3.01
Trenton.....	119.88	118.59	117.33	40.5	40.2	40.6	2.96	2.95	2.89
NEW MEXICO.....	100.28	97.20	97.44	41.1	40.0	40.6	2.44	2.43	2.40
Albuquerque.....	102.68	101.81	101.74	39.8	40.4	39.9	2.58	2.52	2.55
NEW YORK.....	(1)	117.71	113.36	(1)	39.9	40.2	(1)	2.95	2.82
Albany-Schenectady-Troy.....	132.92	127.39	118.24	41.8	40.7	41.2	3.18	3.13	2.87
Binghamton.....	114.90	113.52	111.07	40.6	40.4	41.6	2.83	2.81	2.67
Buffalo.....	142.46	141.28	137.34	41.9	41.8	42.0	3.40	3.38	3.27
Elmira.....	110.92	108.90	113.58	39.9	39.6	41.3	2.78	2.75	2.75
Monroe County <sup>3</sup> .....	141.54	140.03	135.99	42.0	41.8	42.9	3.37	3.35	3.17
Nassau and Suffolk Counties <sup>4</sup> .....	121.10	122.36	117.03	40.5	41.2	41.5	2.99	2.97	2.82
New York-Northeastern New Jersey.....	(1)	116.03	112.12	(1)	39.6	39.9	(1)	2.93	2.81
New York SMSA <sup>2</sup> .....	(1)	112.13	106.43	(1)	38.8	38.7	(1)	2.89	2.75
New York City <sup>4</sup> .....	(1)	110.30	104.01	(1)	38.3	38.1	(1)	2.88	2.73
Rochester.....	136.50	134.40	131.09	42.0	42.0	42.7	3.25	3.20	3.07
Rockland County <sup>4</sup> .....	125.88	126.35	118.71	42.1	42.4	41.8	2.99	2.98	2.84
Syracuse.....	128.24	125.97	120.47	41.5	41.3	40.7	3.09	3.05	2.96
Utica-Rome.....	113.96	114.96	114.36	40.7	41.5	42.2	2.80	2.77	2.71
Westchester County <sup>4</sup> .....	114.07	114.44	111.88	39.2	39.6	40.1	2.91	2.89	2.79
NORTH CAROLINA.....	86.52	86.11	80.56	41.2	41.2	41.1	2.10	2.09	1.96
Asheville.....	84.45	83.22	76.05	40.6	40.4	39.0	2.08	2.06	1.95
Charlotte.....	93.50	92.21	85.70	42.5	42.3	41.6	2.20	2.18	2.06
Greensboro-High Point.....	86.86	86.00	82.42	40.4	40.0	40.6	2.15	2.15	2.03
Raleigh.....	86.63	87.78	80.68	39.2	39.9	37.7	2.21	2.20	2.14
NORTH DAKOTA.....	102.40	101.63	101.64	40.5	40.4	41.3	2.53	2.51	2.46
Fargo-Moorhead.....	115.49	115.42	110.07	40.4	40.4	40.8	2.86	2.86	2.70
OHIO.....	138.91	136.21	132.44	42.1	41.6	42.1	3.30	3.27	3.15
Akron.....	156.99	151.50	145.05	43.0	42.1	42.2	3.65	3.60	3.44
Canton.....	134.07	135.31	129.86	41.2	41.6	41.4	3.25	3.25	3.14
Cincinnati.....	126.28	124.77	122.47	41.1	40.9	41.8	3.07	3.05	2.93
Cleveland.....	144.25	139.21	138.97	42.7	41.7	43.1	3.38	3.34	3.22
Columbus.....	131.08	126.53	123.31	41.2	40.2	40.7	3.18	3.15	3.03
Dayton.....	158.56	156.24	148.72	43.8	43.3	42.9	3.62	3.61	3.47
Toledo.....	150.99	148.31	141.42	43.6	43.2	42.8	3.46	3.43	3.30
Youngstown-Warren.....	135.63	137.45	136.43	39.5	39.7	40.5	3.43	3.46	3.37
OKLAHOMA.....	108.40	110.68	106.85	40.6	41.3	41.9	2.67	2.68	2.55
Oklahoma City.....	103.46	105.26	102.50	40.1	40.8	41.5	2.58	2.58	2.47
Tulsa.....	121.66	122.84	119.00	41.1	41.5	42.2	2.96	2.96	2.82
OREGON.....	127.40	127.51	119.50	39.2	39.6	38.8	3.25	3.22	3.08
Eugene.....	127.66	132.84	122.76	39.4	41.0	39.6	3.24	3.24	3.10
Portland.....	129.02	126.22	120.98	39.7	39.2	38.9	3.25	3.22	3.11
PENNSYLVANIA.....	115.20	115.26	112.87	40.0	40.3	40.6	2.88	2.86	2.78
Allentown-Bethlehem-Easton.....	108.77	109.03	108.23	38.3	38.8	39.5	2.84	2.81	2.74
Altoona.....	92.16	93.84	91.64	38.4	39.1	39.5	2.40	2.40	2.32
Erie.....	130.72	129.43	122.64	43.0	43.0	42.0	3.04	3.01	2.92
Harrisburg.....	107.16	107.01	97.66	40.9	41.0	39.7	2.62	2.61	2.46
Johnstown.....	109.56	108.17	106.14	36.4	36.3	36.6	3.01	2.98	2.90
Lancaster.....	104.64	104.75	103.73	40.4	40.6	41.0	2.59	2.58	2.53
Philadelphia.....	124.34	122.61	120.83	40.9	40.6	41.1	3.04	3.02	2.94
Pittsburgh.....	135.53	136.37	132.60	40.7	41.2	40.8	3.33	3.31	3.25
Reading.....	106.78	106.34	102.36	40.6	40.9	40.3	2.63	2.60	2.54
Scranton.....	90.02	90.87	86.08	38.8	39.0	38.6	2.32	2.32	2.23
Wilkes-Barre-Hazleton.....	82.99	85.84	78.75	36.4	37.0	36.8	2.28	2.32	2.14
York.....	106.68	106.57	101.10	42.5	42.8	42.3	2.51	2.49	2.39
RHODE ISLAND.....	99.47	99.80	95.47	40.6	40.9	40.8	2.45	2.44	2.34
Providence-Pawtucket-Warwick.....	100.19	99.23	95.64	40.4	40.5	40.7	2.48	2.45	2.35

See footnotes at end of table.

NOTE: Data for the current month are preliminary.



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

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966	Dec. 1967	Nov. 1967	Dec. 1966
<b>SOUTH CAROLINA</b> .....	\$89.45	\$87.98	\$84.42	41.8	41.5	42.0	\$2.14	\$2.12	\$2.01
Charleston .....	102.50	100.61	97.16	41.5	40.9	41.7	2.47	2.46	2.33
Greenville .....	88.41	85.28	83.78	41.9	41.0	42.1	2.11	2.08	1.99
<b>SOUTH DAKOTA</b> .....	122.76	128.96	119.75	46.1	48.7	47.9	2.66	2.65	2.50
Sioux Falls .....	147.24	156.38	145.20	50.7	54.0	52.8	2.90	2.90	2.75
<b>TENNESSEE</b> .....	(1)	95.00	89.10	(1)	40.6	40.5	(1)	2.34	2.20
Chattanooga .....	105.37	104.45	100.43	41.0	40.8	41.5	2.57	2.56	2.42
Knoxville .....	102.68	104.49	98.00	39.8	40.5	40.0	2.58	2.58	2.45
Memphis .....	108.09	107.84	103.07	41.1	41.8	41.9	2.63	2.58	2.46
Nashville .....	104.86	104.49	98.53	40.8	41.3	41.4	2.57	2.53	2.38
<b>TEXAS</b> .....	116.62	113.98	110.72	42.1	41.6	42.1	2.77	2.74	2.63
Amarillo .....	95.01	95.28	91.20	39.1	39.7	40.0	2.43	2.40	2.28
Austin .....	89.28	86.98	84.45	40.4	39.9	40.6	2.21	2.18	2.08
Beaumont-Port Arthur .....	142.36	145.35	137.02	40.1	40.6	40.9	3.55	3.58	3.35
Corpus Christi .....	138.03	138.24	128.90	43.0	42.8	42.4	3.21	3.23	3.04
Dallas .....	116.21	109.25	103.14	43.2	41.7	42.1	2.69	2.62	2.45
El Paso .....	69.36	72.57	75.05	36.7	37.6	39.5	1.89	1.93	1.90
Fort Worth .....	133.02	127.12	126.15	43.9	42.8	43.5	3.03	2.97	2.90
Galveston-Texas City .....	160.06	158.95	153.04	41.9	41.5	41.7	3.82	3.83	3.67
Houston .....	136.71	133.85	133.76	43.4	42.9	44.0	3.15	3.12	3.04
Lubbock .....	93.07	91.58	91.59	43.9	43.2	43.0	2.12	2.12	2.13
San Antonio .....	89.23	88.61	87.14	41.5	41.6	42.3	2.15	2.13	2.06
Waco .....	97.69	98.66	93.91	40.2	40.6	42.3	2.43	2.43	2.22
Wichita Falls .....	87.12	85.14	85.70	39.6	39.6	41.6	2.20	2.15	2.06
<b>UTAH</b> .....	121.79	120.48	122.66	39.8	39.5	41.3	3.06	3.05	2.97
Salt Lake City .....	120.13	117.27	120.83	41.0	40.3	42.1	2.93	2.91	2.87
<b>VERMONT</b> .....	105.84	102.42	101.95	42.0	41.3	43.2	2.52	2.48	2.36
Burlington .....	113.25	114.22	103.57	42.1	43.1	42.1	2.69	2.65	2.46
Springfield .....	118.86	117.88	119.53	42.0	41.8	44.6	2.83	2.82	2.68
<b>VIRGINIA</b> .....	98.41	96.93	90.83	41.7	41.6	41.1	2.36	2.33	2.21
Lynchburg .....	96.35	96.58	87.98	43.4	43.7	42.5	2.22	2.21	2.07
Norfolk-Portsmouth .....	109.98	110.17	97.17	42.3	42.7	41.0	2.60	2.58	2.37
Richmond .....	109.98	105.22	101.27	42.3	41.1	41.0	2.60	2.56	2.47
Roanoke .....	97.66	95.02	88.83	43.6	42.8	42.3	2.24	2.22	2.10
<b>WASHINGTON</b> .....	136.02	137.66	126.06	39.2	39.9	38.2	3.47	3.45	3.30
Seattle-Everett .....	143.47	144.13	130.85	40.3	40.6	38.6	3.56	3.55	3.39
Spokane .....	132.05	131.66	130.94	39.3	39.3	39.8	3.36	3.35	3.29
Tacoma .....	128.78	131.24	124.26	38.1	38.6	38.0	3.38	3.40	3.27
<b>WEST VIRGINIA</b> .....	119.25	118.67	116.12	40.7	40.5	40.6	2.93	2.93	2.86
Charleston .....	151.61	144.09	143.22	44.2	41.9	43.4	3.43	3.44	3.30
Huntington-Ashland .....	127.39	128.30	120.38	40.7	40.6	39.6	3.13	3.16	3.04
Wheeling .....	115.74	118.00	117.27	39.1	39.8	40.3	2.96	2.96	2.91
<b>WISCONSIN</b> .....	126.91	125.59	125.11	41.2	41.1	42.1	3.08	3.05	2.97
Green Bay .....	128.99	122.33	123.63	42.9	41.8	44.2	3.00	2.93	2.80
Kenosha .....	139.50	150.50	139.25	40.0	42.3	41.2	3.49	3.55	3.38
La Crosse .....	111.56	109.85	110.07	39.7	39.3	40.9	2.81	2.79	2.69
Madison .....	133.26	136.91	131.45	40.6	42.0	41.8	3.28	3.26	3.15
Milwaukee .....	138.02	135.66	137.08	40.9	40.6	42.0	3.37	3.34	3.26
Racine .....	130.18	129.32	130.83	40.5	40.4	41.4	3.22	3.20	3.16
<b>WYOMING</b> .....	110.03	116.03	114.26	36.8	41.0	39.4	2.99	2.83	2.90
Casper .....	137.32	143.92	137.25	38.9	40.2	42.1	3.53	3.58	3.26

<sup>1</sup> Not available.

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

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

<sup>4</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

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

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1957.....	3.7	3.3	3.3	3.4	3.6	4.8	4.2	4.1	4.1	3.5	2.6	2.0	3.6
1958.....	2.9	2.6	2.8	3.1	3.6	4.7	4.2	4.9	5.0	4.0	3.2	2.7	3.6
1959 <sup>1</sup> .....	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.9	3.4	3.6	4.2
1960.....	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
1961.....	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6	4.1
1962.....	4.1	3.6	3.8	4.0	4.3	5.0	4.6	5.1	4.9	3.9	3.0	2.4	4.1
1963.....	3.6	3.3	3.5	3.9	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5	3.9
1964.....	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6	4.0
1965.....	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1	4.3
1966.....	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.0	5.1	3.9	2.9	5.0
1967.....	4.3	3.6	3.9	3.9	4.6	5.9	4.6	5.4	5.3	4.7	3.7	2.8	4.4
New hires													
1957.....	2.3	2.0	2.0	2.1	2.3	3.2	2.8	2.7	2.5	2.1	1.3	0.8	2.2
1958.....	1.2	1.1	1.1	1.3	1.5	2.2	2.1	2.4	2.6	2.2	1.7	1.3	1.7
1959.....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
1960.....	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961.....	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962.....	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963.....	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4	2.4
1964.....	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965.....	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2	3.1
1966.....	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.1	3.1	2.1	3.8
1967.....	3.0	2.7	2.8	2.8	3.3	4.5	3.3	4.0	4.1	3.7	2.7	1.9	3.2
Total separations													
1957.....	3.8	3.4	3.7	3.8	3.9	3.7	3.7	4.7	5.5	5.0	4.9	4.6	4.2
1958.....	5.4	4.1	4.5	4.4	3.9	3.5	3.7	4.1	4.5	4.1	3.6	3.5	4.1
1959.....	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9	4.1
1960.....	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
1961.....	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0	4.0
1962.....	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8	4.1
1963.....	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.8	4.9	4.1	3.9	3.7	3.9
1964.....	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7	3.9
1965.....	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1	4.1
1966.....	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2	4.6
1967.....	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.8	4.6
Quits													
1957.....	1.5	1.4	1.5	1.6	1.6	1.6	1.7	2.3	2.7	1.6	1.1	0.8	1.6
1958.....	.9	.8	.8	.8	.9	1.0	1.1	1.5	1.9	1.3	1.0	.8	1.1
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
1960.....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961.....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962.....	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963.....	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.4
1964.....	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965.....	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4	1.9
1966.....	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7	2.6
1967.....	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.4	1.9	1.5	2.3
Layoffs													
1957.....	1.7	1.5	1.5	1.7	1.8	1.4	1.6	1.9	2.3	3.0	3.4	3.4	2.1
1958.....	4.0	2.9	3.3	3.2	2.6	2.0	2.3	2.1	2.1	2.3	2.2	2.4	2.6
1959.....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
1960.....	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961.....	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962.....	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963.....	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3	1.8
1964.....	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1	1.7
1965.....	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9	1.4
1966.....	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.8	1.2
1967.....	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.1	1.2	1.3	1.3	1.6	1.4

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

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.  
Data for the current month and annual averages are preliminary.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967
	<b>MANUFACTURING</b>	2.8	3.7	1.9	2.7	3.8	4.0	1.5	1.9	1.6	1.3
19,24,25,32-39	<b>DURABLE GOODS</b>	2.6	3.5	1.9	2.6	3.4	3.6	1.3	1.7	1.4	1.0
20-23,26-31	<b>NONDURABLE GOODS</b>	3.0	3.9	2.0	2.9	4.3	4.6	1.7	2.2	1.9	1.7
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b>	2.8	3.5	2.4	2.9	2.0	2.3	.9	1.2	.7	.5
192	Ammunition, except for small arms	3.2	3.9	2.8	3.3	2.1	2.2	.9	1.1	.7	.4
194	Sighting and fire control equipment	(1)	2.4	(1)	1.9	(1)	1.7	(1)	1.3	(1)	.1
191,3,5,6,9	Other ordnance and accessories	1.5	2.1	1.2	1.8	1.8	3.1	.8	1.3	.6	1.2
24	<b>LUMBER AND WOOD PRODUCTS</b>	3.5	4.9	3.0	4.3	5.3	5.9	2.4	3.3	2.1	1.6
242	Sawmills and planing mills	3.2	4.3	2.8	3.9	4.9	4.9	2.2	3.1	2.1	1.1
2421	Sawmills and planing mills, general	3.2	3.9	2.8	3.5	4.8	4.7	2.1	2.8	2.2	1.3
243	Millwork, plywood & related products	3.2	3.8	2.6	3.3	4.3	4.4	2.3	2.7	1.3	.9
2431	Millwork	2.7	3.9	2.1	3.4	3.7	4.4	2.0	2.5	1.1	.9
2432	Veneer and plywood	3.7	3.8	3.0	3.3	4.7	4.0	2.6	2.8	1.3	.5
244	Wooden containers	4.5	5.4	3.8	4.5	7.5	5.6	3.4	3.0	3.3	1.7
2441,2	Wooden boxes, shooks, and crates	3.8	4.9	3.3	4.0	7.5	5.6	2.8	2.7	3.8	2.2
249	Miscellaneous wood products	4.2	5.7	3.7	5.0	5.8	6.4	2.6	3.4	1.0	1.4
25	<b>FURNITURE AND FIXTURES</b>	3.5	4.8	3.0	4.2	3.9	5.0	2.3	3.0	.9	.9
251	Household furniture	3.5	5.1	3.1	4.5	4.0	5.0	2.4	3.4	.8	.6
2511	Wood household furniture	3.7	5.2	3.1	4.5	4.5	5.1	2.6	3.5	1.1	.6
2512	Upholstered household furniture	3.0	4.3	2.9	4.0	3.1	3.7	1.8	2.6	.7	.3
2515	Mattresses and bedsprings	3.2	5.2	2.6	4.6	3.7	5.5	2.7	4.0	.3	.6
252	Office furniture	2.7	3.5	2.3	3.0	2.4	3.4	1.4	2.0	.3	.4
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	2.6	3.4	1.9	2.7	4.4	4.2	1.5	1.9	2.1	1.5
321	Flat glass	2.8	2.7	.8	1.1	4.5	2.7	.5	.6	3.5	1.5
322	Glass and glassware, pressed or blown	3.2	3.9	2.1	2.8	3.3	3.6	1.5	1.8	.8	.8
3221	Glass containers	3.7	4.4	2.9	3.6	3.2	3.4	2.1	2.2	.3	.2
3229	Pressed and blown glass, n e c	2.4	3.0	.9	1.6	3.5	3.8	.8	1.2	1.5	1.5
324	Cement, hydraulic	.7	1.3	.4	.7	5.8	2.2	.4	.6	5.0	1.2
325	Structural clay products	2.6	3.7	2.3	3.2	3.9	4.4	2.0	2.5	1.3	1.0
3251	Brick and structural clay tile	3.0	3.8	2.7	3.5	4.5	5.2	2.6	3.3	1.2	1.0
326	Pottery and related products	3.5	3.3	3.0	2.7	3.2	3.1	2.1	1.8	.5	.5
3291	Abrasive products	1.7	2.7	1.6	2.2	2.3	1.8	1.3	1.0	.1	.1
33	<b>PRIMARY METAL INDUSTRIES</b>	2.4	2.9	1.5	1.8	2.4	2.6	.9	1.2	.7	.6
331	Blast furnace and basic steel products	2.3	2.6	1.1	1.3	1.8	1.9	.5	.7	.6	.5
3312	Blast furnaces and steel mills	2.3	2.6	1.0	1.2	1.7	1.8	.4	.6	.6	.5
332	Iron and steel foundries	3.2	4.3	2.1	3.0	3.6	4.1	1.6	2.1	1.1	1.0
3321	Gray iron foundries	3.3	4.6	2.3	3.8	3.6	4.1	1.9	2.5	.8	.5
3322	Malleable iron foundries	3.2	3.8	2.3	2.8	3.4	4.0	1.8	2.0	.4	1.0
3323	Steel foundries	3.0	3.7	1.5	1.6	3.6	4.4	.9	1.3	2.1	2.2
333,4	Nonferrous metals	1.3	2.2	1.0	1.8	1.6	2.1	.8	1.1	.1	.3
335	Nonferrous rolling and drawing	1.8	1.9	1.3	1.4	2.7	2.3	1.0	1.1	.9	.5
3351	Copper rolling and drawing	1.4	1.4	.9	1.1	1.6	2.1	.7	.9	.4	.6
3352	Aluminum rolling and drawing	(1)	2.5	(1)	1.6	(1)	2.7	(1)	1.3	(1)	.6
3357	Nonferrous wire drawing, and insulating	1.7	1.8	1.1	1.4	2.5	2.4	.9	1.2	1.1	.5
336	Nonferrous foundries	3.8	5.0	3.3	3.8	4.0	4.6	2.0	2.3	1.0	1.1
3361	Aluminum castings	4.3	5.4	3.8	4.2	4.1	4.9	2.2	2.4	.8	.9
3362,9	Other nonferrous castings	3.4	4.6	2.8	3.4	3.9	4.4	1.7	2.2	1.2	1.3
339	Miscellaneous primary metal products	1.9	2.2	1.5	1.6	2.2	2.5	1.2	1.3	.4	.6
3391	Iron and steel forgings	1.7	2.0	1.2	1.5	2.1	2.3	.9	1.1	.5	.6

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

# ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967
<i>Durable Goods--Continued</i>											
34	<b>FABRICATED METAL PRODUCTS</b>	3.1	4.5	2.3	3.3	3.5	4.2	1.7	2.1	0.9	1.1
341	Metal cans	5.9	4.8	2.8	1.9	3.3	4.2	1.1	1.2	1.2	2.0
342	Cutlery, hand tools, and hardware	3.1	4.2	2.2	3.4	3.0	3.7	1.6	2.0	.6	.8
3421,3,5	Cutlery and hand tools, incl. saws	2.4	3.6	2.1	2.9	2.9	3.2	1.6	1.7	.4	.7
3429	Hardware, n e c	3.5	4.6	2.3	3.7	3.1	4.0	1.6	2.2	.7	.9
343	Plumbing and heating, except electric	3.6	3.9	3.2	2.9	3.0	3.7	1.8	1.9	.3	.8
3431,2	Sanitary ware & plumbers' brass goods	4.6	4.4	4.1	3.5	2.8	3.6	1.6	2.0	.1	.3
3433	Heating equipment, except electric	2.9	3.4	2.5	2.5	3.3	3.8	2.0	1.8	.5	1.1
344	Fabricated structural metal products	2.6	3.9	2.1	3.3	4.1	4.3	1.6	2.1	1.7	1.2
3441	Fabricated structural steel	2.8	4.4	2.2	3.7	3.8	4.4	1.7	2.2	1.3	1.4
3443	Fabricated plate work (boiler shops)	2.2	2.7	1.6	2.1	3.3	3.4	1.2	1.5	1.4	1.2
3446,9	Architectural and misc. metal work	2.6	3.9	2.0	3.4	3.7	4.1	1.5	2.0	1.4	1.1
345	Screw machine products, bolts, etc.	2.3	3.9	1.8	3.4	2.7	3.7	1.5	2.1	.4	.7
3452	Bolts, nuts, rivets, and washers	2.0	3.5	1.6	3.1	2.2	3.0	1.2	1.7	.3	.4
346	Metal stampings	(1)	6.5	(1)	3.8	(1)	4.1	(1)	2.0	(1)	1.1
348	Misc. fabricated wire products	2.6	4.1	2.1	3.8	2.7	4.0	1.5	2.3	.6	.7
349	Misc. fabricated metal products	2.2	3.3	1.8	2.9	2.8	3.3	1.5	1.8	.6	.6
3494,8	Valves, pipe, and pipe fittings	2.0	2.9	1.7	2.5	2.4	3.1	1.3	1.7	.4	.5
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	2.0	2.6	1.5	2.0	2.2	2.7	1.0	1.3	.5	.6
351	Engines and turbines	2.0	2.9	1.5	2.0	1.5	2.2	.8	1.1	.1	.2
3511	Steam engines and turbines	1.3	1.9	.6	1.1	1.1	1.6	.4	.6	(2)	(2)
3519	Internal combustion engines, n e c	2.3	3.4	2.0	2.5	1.8	2.6	1.0	1.3	.2	.2
352	Farm machinery	2.7	3.1	2.2	1.5	2.5	3.1	1.3	1.1	.3	1.1
353	Construction and related machinery	2.1	2.7	1.7	2.3	2.0	2.4	.9	1.2	.4	.5
3531,2	Construction and mining machinery	2.3	2.7	1.9	2.3	1.7	2.0	.8	.9	.3	.5
3533	Oil field machinery	1.8	2.5	1.5	2.2	1.6	2.1	1.2	1.5	(2)	.2
3535,6	Conveyors, hoists, cranes, monorails	2.0	2.4	1.8	2.2	2.9	2.8	1.2	1.3	1.2	.8
354	Metal working machinery	1.6	2.5	1.3	1.9	2.0	2.5	1.0	1.3	.4	.5
3541	Machine tools, metal cutting types	1.4	1.6	1.2	1.4	1.7	1.9	1.0	1.2	.1	.2
3545	Machine tool accessories	2.0	2.2	1.7	1.8	2.0	2.3	1.1	1.2	.4	.5
3542,8	Misc. metal working machinery	1.0	1.7	.6	1.4	1.6	1.7	.7	.9	.5	.3
355	Special industry machinery	1.7	2.0	1.4	1.6	2.0	2.2	1.0	1.2	.4	.4
3551	Food products machinery	2.0	2.4	1.7	2.1	2.2	2.3	1.1	1.3	.5	.4
3552	Textile machinery	1.7	2.1	1.4	1.5	2.0	2.4	.8	1.3	.6	.6
356	General industrial machinery	1.7	2.0	1.4	1.6	2.2	2.4	1.0	1.1	.6	.7
3561	Pumps and compressors	1.6	2.0	1.3	1.6	1.8	2.1	.9	1.1	.5	.4
3562	Ball and roller bearings	1.3	1.6	.9	1.1	1.9	2.5	.9	.9	.6	1.1
3566	Power transmission equipment	2.1	2.2	1.8	1.4	2.3	2.5	1.0	1.3	.6	.7
357	Office and computing machines	1.9	2.6	1.5	2.0	2.1	2.5	.9	1.0	.5	.5
3571	Computing machines and cash registers	1.9	2.6	1.5	2.0	2.0	2.3	.7	.9	.4	.4
358	Service industry machines	3.8	3.9	2.1	2.8	2.8	2.9	1.4	1.6	.5	.4
3585	Refrigeration machinery	2.2	4.1	2.2	2.6	2.6	2.8	1.3	1.5	.6	.3
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	2.3	3.2	1.6	2.3	3.0	3.2	1.4	1.6	.9	.7
361	Electric test & distributing equipment	2.1	2.6	1.6	2.0	2.5	2.4	1.2	1.3	.6	.3
3611	Electric measuring instruments	2.2	3.2	1.6	2.3	2.6	2.5	1.4	1.6	.6	.3
3612	Transformers	2.3	2.4	1.6	1.8	3.4	2.8	1.3	1.3	1.3	.6
3613	Switchgear and switchboard apparatus	1.8	2.3	1.5	2.0	1.7	2.0	1.0	1.1	.1	.2
362	Electrical industrial apparatus	2.0	2.3	1.4	1.6	2.6	2.6	1.2	1.2	.8	.8
3621	Motors and generators	2.1	2.5	1.5	1.6	2.4	2.6	1.1	1.2	.8	.8
3622	Industrial controls	(1)	1.8	(1)	1.3	(1)	2.6	(1)	1.2	(1)	.8
363	Household appliances	2.4	4.2	2.1	3.3	3.6	3.9	1.3	1.9	1.5	.5
3632	Household refrigerators and freezers	3.3	4.7	3.0	3.4	1.9	4.3	1.0	1.7	(2)	(2)
3633	Household laundry equipment	2.4	2.8	1.8	2.2	5.1	4.4	1.8	1.9	2.6	1.6
3634	Electric housewares and fans	1.7	4.4	1.4	3.6	6.2	4.3	1.6	2.4	3.9	.9
364	Electric lighting and wiring equipment	2.6	3.5	2.1	2.8	3.0	3.6	1.7	2.1	.7	.7
3641	Electric lamps	1.7	2.3	1.2	1.8	1.5	2.3	.9	1.0	.2	.6
3642	Lighting fixtures	2.9	3.8	2.4	3.0	3.6	4.3	1.7	2.6	1.3	.8
3643,4	Wiring devices	2.8	3.9	2.2	3.1	3.2	3.5	2.1	2.1	.4	.7
365	Radio and TV receiving equipment	3.4	4.0	2.4	2.6	5.7	6.2	2.2	2.6	2.5	2.2
366	Communication equipment	1.8	2.4	1.3	1.8	2.0	2.1	1.0	1.2	.3	.3
3661	Telephone and telegraph apparatus	(1)	1.3	(1)	1.1	(1)	1.4	(1)	1.0	(1)	(2)
3662	Radio and TV communication equipment	2.0	2.7	1.4	2.0	2.1	2.4	1.1	1.2	.4	.4
367	Electronic components and accessories	2.7	3.8	1.6	2.4	3.6	3.8	1.6	1.9	1.2	1.1
3671-3	Electron tubes	1.9	3.4	.9	1.5	3.3	3.0	1.6	1.5	.8	.5
3674,9	Other electronic components	2.9	3.8	1.8	2.6	3.7	4.0	1.6	1.9	1.3	1.2
369	Misc. electrical equipment & supplies	1.7	3.7	1.1	2.4	2.4	3.0	1.1	1.5	.7	.9
3694	Engine electrical equipment	1.0	3.4	.5	1.5	1.3	2.2	.4	1.0	.4	.6

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

# ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967
<i>Durable Goods--Continued</i>											
37	<b>TRANSPORTATION EQUIPMENT</b> .....	2.9	3.8	1.7	2.6	3.3	3.7	1.0	1.4	1.7	1.4
371	Motor vehicles and equipment .....	(1)	4.1	(1)	2.4	(1)	3.9	(1)	1.4	(1)	1.6
3711	Motor vehicles .....	(1)	4.0	(1)	2.8	(1)	4.0	(1)	1.7	(1)	1.3
3712	Passenger car bodies .....	(1)	5.0	(1)	2.3	(1)	5.3	(1)	.8	(1)	3.7
3713	Truck and bus bodies .....	(1)	3.6	(1)	1.8	(1)	4.3	(1)	1.6	(1)	1.9
3714	Motor vehicle parts and accessories .....	(1)	3.9	(1)	2.1	(1)	3.5	(1)	1.2	(1)	1.4
372	Aircraft and parts .....	2.1	2.5	1.8	2.1	1.9	2.3	1.0	1.1	.4	.7
3721	Aircraft .....	2.2	2.5	1.8	2.2	1.4	2.0	.8	1.0	.2	.5
3722	Aircraft engines and engine parts .....	1.8	2.0	1.5	1.6	2.1	2.6	1.1	1.1	.3	.9
3723,9	Other aircraft parts and equipment .....	2.7	3.1	2.1	2.8	3.3	2.8	1.5	1.4	1.0	.7
373	Ship and boat building and repairing .....	5.4	7.0	3.1	4.2	6.1	7.3	1.5	2.3	3.7	4.1
3731	Ship building and repairing .....	5.4	6.8	2.8	3.7	6.5	7.5	1.3	1.9	4.5	4.7
374	Railroad equipment .....	(1)	6.4	(1)	1.7	(1)	3.9	(1)	1.1	(1)	1.9
375,9	Other transportation equipment .....	4.8	7.0	3.9	6.1	13.5	8.2	3.3	4.0	8.5	2.5
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	1.9	2.5	1.6	2.1	2.3	2.5	1.2	1.4	.5	.4
381	Engineering & scientific instruments .....	1.2	2.0	.9	1.7	1.9	1.9	1.0	1.2	.5	.4
382	Mechanical measuring & control devices .....	2.0	2.8	1.7	2.3	2.1	2.6	1.0	1.5	.4	.4
3821	Mechanical measuring devices .....	1.6	2.1	1.4	1.7	1.9	2.1	1.0	1.2	.4	.4
3822	Automatic temperature controls .....	2.7	4.1	2.2	3.1	2.3	3.4	1.0	1.9	.2	.5
383,5	Optical and ophthalmic goods .....	2.4	2.8	2.0	2.4	2.8	2.8	1.5	1.6	.5	.4
384	Medical instruments and supplies .....	2.3	3.0	1.8	2.8	2.4	2.9	1.2	1.7	.6	.5
386	Photographic equipment and supplies .....	(1)	1.6	(1)	1.5	(1)	1.4	(1)	.9	(1)	.1
387	Watches, clocks, and watchcases .....	2.6	3.9	1.8	3.1	5.3	4.8	2.3	2.4	2.1	1.1
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	2.9	4.6	2.1	3.8	11.6	7.1	2.0	2.8	8.9	3.2
391	Jewelry, silverware, and plated ware .....	2.4	3.7	1.6	3.1	4.0	3.4	1.7	2.0	1.8	.7
394	Toys and sporting goods .....	3.5	6.1	2.4	4.9	29.7	13.4	2.3	3.9	26.5	7.4
3941-3	Games, toys, dolls, & play vehicles .....	2.7	5.6	2.0	4.8	46.2	17.4	2.5	4.6	42.7	10.2
3949	Sporting and athletic goods, n e c .....	4.6	7.1	3.1	5.0	4.8	6.5	1.9	2.8	2.1	2.7
395	Pens, pencils, office and art supplies .....	2.2	3.6	1.8	3.1	4.9	4.5	1.9	1.8	2.4	2.2
396	Costume jewelry and notions .....	2.0	4.6	1.5	4.0	6.7	5.0	2.5	3.3	3.6	1.0
393,8,9	Other manufacturing industries .....	3.2	4.0	2.2	3.2	5.0	4.8	1.7	2.2	2.5	1.7
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	3.8	4.9	2.5	3.5	6.7	7.3	2.1	2.7	3.9	3.8
201	Meat products .....	5.3	6.0	2.5	3.7	7.9	6.1	2.5	3.0	4.8	2.4
2011	Meat packing plants .....	5.6	5.8	1.4	2.3	6.0	5.7	1.0	1.5	4.5	3.6
2015	Poultry dressing plants .....	5.6	8.4	5.1	7.6	14.9	8.6	6.5	7.3	7.6	.3
204	Grain mill products .....	2.9	3.1	2.2	2.6	3.6	4.5	1.5	1.8	1.5	1.9
2041	Flour and other grain mill products .....	1.8	2.9	1.3	2.3	3.1	3.1	1.0	1.4	1.5	.9
2042	Prepared feeds for animals and fowls .....	3.0	3.7	2.8	3.4	3.6	5.6	1.8	2.3	1.2	2.3
205	Bakery products .....	2.6	3.4	2.1	3.0	3.3	3.6	1.7	2.1	.9	.8
2051	Bread, cake, and related products .....	2.4	3.3	2.2	3.1	3.0	3.3	1.7	2.2	.7	.5
2052	Cookies and crackers .....	4.0	3.8	1.8	2.6	5.0	5.4	1.4	1.9	2.2	2.3
207	Confectionery and related products .....	4.4	5.7	2.9	4.3	8.7	7.4	3.3	3.5	4.7	3.1
2071	Confectionery products .....	5.1	6.5	3.3	4.8	9.4	8.3	3.8	3.9	4.9	3.4
208	Beverages .....	3.7	4.2	2.5	2.8	5.0	5.0	1.7	2.2	2.5	2.1
2082	Malt liquors .....	3.5	4.4	1.2	1.4	4.0	3.7	1.0	.9	2.4	2.3
21	<b>TOBACCO MANUFACTURES</b> .....	11.8	7.0	5.4	3.9	4.5	9.1	2.3	1.8	1.5	6.4
211	Cigarettes .....	.9	1.5	.6	1.2	1.4	1.6	.7	.7	(2)	.3
212	Cigars .....	2.1	3.8	1.7	2.2	4.3	4.1	3.5	3.1	.3	.4

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

# ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967
<i>Nondurable Goods--Continued</i>											
22	<b>TEXTILE MILL PRODUCTS</b> .....	3.1	4.4	2.2	3.5	3.8	4.4	2.0	2.8	1.0	0.8
221	Weaving mills, cotton.....	2.9	4.3	2.2	3.4	3.2	3.9	2.3	3.0	.2	.1
222	Weaving mills, synthetics.....	3.0	3.9	2.4	3.0	3.1	3.5	2.1	2.5	.2	.2
223	Weaving and finishing mills, wool.....	3.4	4.3	2.1	3.1	3.4	4.8	1.7	2.3	.8	1.5
224	Narrow fabric mills.....	2.4	3.7	1.9	2.9	3.1	3.7	1.5	2.3	.9	.8
225	Knitring mills.....	2.7	3.7	1.9	3.0	5.2	4.8	2.1	2.6	2.5	1.6
2251	Women's hosiery, except socks.....	3.7	4.4	3.1	3.8	3.5	3.4	2.9	2.9	.2	.1
2252	Hosiery, n e c.....	1.1	2.9	.8	2.5	5.5	4.4	2.1	2.5	2.7	1.4
2254	Knit underwear mills.....	1.9	3.5	1.5	2.8	2.1	3.6	1.7	2.6	.1	.5
226	Textile finishing, except wool.....	2.5	3.6	1.6	3.1	2.9	3.3	1.4	2.2	.7	.3
227	Floor covering mills.....	2.7	5.0	2.2	4.2	3.2	4.0	1.7	2.5	.7	.6
228	Yarn and thread mills.....	(1)	6.4	(1)	5.2	(1)	5.9	(1)	4.3	(1)	.6
229	Miscellaneous textile goods.....	4.6	5.4	2.8	3.9	4.3	4.8	1.8	2.6	1.5	1.2
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	3.0	4.6	1.7	3.0	5.3	5.2	1.8	2.4	3.0	2.1
231	Men's and boys' suits and coats.....	2.3	3.6	1.3	2.9	2.3	3.1	1.1	1.9	.7	.7
232	Men's and boys' furnishings.....	2.5	3.9	1.6	2.9	4.1	4.7	2.1	3.0	1.6	1.1
2321	Men's and boys' shirts and nightwear.....	2.4	3.5	1.4	2.6	4.2	4.5	2.0	2.7	1.7	1.3
2327	Men's and boys' separate trousers.....	2.4	4.2	1.8	3.2	2.5	3.9	1.9	3.0	.2	.4
2328	Men's and boys' work clothing.....	2.6	3.4	1.8	2.7	4.8	5.2	2.6	3.3	1.7	1.2
234	Women's and children's undergarments.....	2.2	3.8	1.3	2.7	4.8	4.2	1.9	2.6	2.3	1.0
2341	Women's and children's underwear.....	2.1	3.7	1.1	2.7	4.8	4.5	1.7	2.5	2.5	1.2
2342	Corsets and allied garments.....	2.5	4.0	1.7	2.8	4.7	3.7	2.2	2.6	1.9	.6
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	2.5	3.0	1.9	2.5	2.9	3.2	1.4	1.7	.7	.6
261,2,6	Paper and pulp mills.....	1.7	1.6	1.0	1.2	2.0	2.1	.9	.8	.5	.6
263	Paperboard mills.....	2.2	1.9	1.7	1.6	1.8	2.0	.8	1.1	.5	.2
264	Misc. converted paper products.....	3.1	3.7	2.3	3.0	3.1	3.6	1.6	2.1	.8	.7
2643	Bags, except textile bags.....	3.7	4.4	2.5	3.6	3.8	5.2	1.9	2.6	1.0	1.4
265	Paperboard containers and boxes.....	2.9	4.3	2.3	3.8	4.0	4.5	2.0	2.6	.8	.6
2651,2	Folding and setup paperboard boxes.....	2.4	4.0	2.0	3.6	4.4	4.8	1.9	2.6	1.3	1.0
2653	Corrugated and solid fiber boxes.....	2.7	4.1	2.4	3.7	3.6	4.1	2.1	2.7	.5	.3
	<b>PRINTING AND PUBLISHING</b> .....	2.4	3.0	1.8	2.4	2.7	3.0	1.4	1.7	.8	.
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	1.6	1.9	1.3	1.5	1.9	2.0	.9	.9	.4	.6
281	Industrial chemicals.....	1.0	1.1	.8	.9	1.2	1.1	.5	.5	.3	.2
282	Plastics materials and synthetics.....	1.6	1.5	1.2	1.2	1.3	1.4	.7	.8	.1	.1
2821	Plastics materials and resins.....	1.3	1.4	1.1	1.2	1.3	1.5	.8	.8	.1	.1
2823,4	Synthetic fibers.....	2.0	1.8	1.4	1.3	1.3	1.3	.7	.7	.1	.2
283	Drugs.....	1.6	1.8	1.3	1.5	1.7	1.4	.9	.9	.2	.2
2834	Pharmaceutical preparations.....	1.7	1.8	1.4	1.5	2.0	1.6	1.0	1.0	.3	.3
284	Soap, cleaners, and toilet goods.....	2.3	3.0	1.5	2.0	3.4	5.1	1.2	1.3	1.3	3.0
2841	Soap and other detergents.....	2.2	2.8	.9	1.0	1.8	5.1	.6	.5	.6	4.1
2844	Toilet preparations.....	2.7	3.8	2.1	3.0	5.8	7.0	1.8	2.0	2.7	3.8
285	Paints and allied products.....	1.2	2.2	1.0	2.1	1.9	2.3	1.0	1.3	.3	.4
286,9	Other chemical products.....	2.6	2.8	2.1	2.4	3.1	2.6	1.5	1.3	.6	.5
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	1.1	1.4	.9	1.2	1.9	1.9	.7	.8	.7	.7
291	Petroleum refining.....	.9	1.1	.8	1.0	1.1	1.2	.5	.4	.1	.4
295,9	Other petroleum and coal products.....	1.6	2.5	1.3	2.1	5.5	4.9	1.5	2.1	3.4	2.0
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C</b> .....	2.7	4.1	2.1	3.4	3.6	4.2	1.6	2.3	1.2	.8
301	Tires and inner tubes.....	1.3	1.6	1.1	1.2	1.1	1.4	.6	.5	.1	.2
302,3,6	Other rubber products.....	2.8	3.7	2.1	2.8	3.7	3.6	1.6	2.0	1.2	.6
307	Miscellaneous plastics products.....	3.2	5.6	2.5	4.7	4.6	5.8	2.1	3.3	1.6	1.2

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

# ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967	Dec. 1967	Nov. 1967
<i>Nondurable Goods--Continued</i>											
31	LEATHER AND LEATHER PRODUCTS .....	4.5	5.7	3.5	4.4	5.7	5.1	2.5	3.2	2.2	1.0
311	Leather tanning and finishing .....	4.3	5.6	3.7	4.4	3.5	4.4	2.0	3.0	.6	.6
314	Footwear, except rubber .....	4.5	5.5	3.4	4.0	4.6	4.7	2.4	3.1	1.3	.8
<b>NONMANUFACTURING</b>											
10	METAL MINING .....	2.3	2.5	1.8	1.7	3.4	3.9	1.2	1.3	1.3	1.7
101	Iron ores .....	.8	2.1	.4	.8	3.8	5.1	.4	.6	2.6	3.3
102	Copper ores .....	(1)	2.0	(1)	1.6	(1)	2.7	(1)	1.2	(1)	.6
11,12	COAL MINING .....	1.2	1.4	.6	1.0	1.4	1.5	.4	.6	.6	.5
12	Bituminous coal and lignite mining .....	1.2	1.4	.6	1.0	1.3	1.4	.4	.6	.5	.4
<b>COMMUNICATION:</b>											
481	Telephone communication .....	(1)	1.7	-	-	(1)	1.7	(1)	1.3	(1)	.1
482	Telegraph communication <sup>3</sup> .....	(1)	1.4	-	-	(1)	2.3	(1)	1.0	(1)	.6

<sup>1</sup> Not available.

<sup>2</sup> Less than 0.05.

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

NOTE: Data for the current month are preliminary.

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

October 1967

Major industry group	Men (per 100 men)			Women (per 100 women)		
	Total accessions	Separations		Total accessions	Separations	
		Total	Quits		Total	Quits
<b>MANUFACTURING . . .</b>	<b>4.4</b>	<b>4.4</b>	<b>2.3</b>	<b>5.6</b>	<b>5.4</b>	<b>2.8</b>
<b>DURABLE GOODS . . .</b>	<b>4.2</b>	<b>4.2</b>	<b>2.1</b>	<b>5.1</b>	<b>4.5</b>	<b>2.4</b>
Ordnance and accessories .....	3.7	3.1	1.6	5.4	3.4	2.0
Lumber and wood products .....	6.6	6.8	4.5	5.6	4.9	3.0
Furniture and fixtures .....	6.5	5.8	3.9	6.6	4.4	3.1
Stone, clay, and glass products .....	4.2	4.4	2.4	4.2	4.0	2.2
Primary metal industries .....	3.4	3.6	1.4	3.1	2.7	1.5
Fabricated metal products .....	5.0	5.2	2.6	5.4	4.8	2.5
Machinery, except electrical .....	3.1	3.2	1.5	4.0	3.4	2.0
Electrical equipment and supplies .....	3.5	3.1	1.9	5.4	4.8	2.5
Transportation equipment .....	4.8	4.4	1.8	3.6	2.9	1.6
Instruments and related products .....	2.6	3.1	2.1	4.7	4.4	2.7
Miscellaneous manufacturing industries .....	5.7	5.7	3.4	7.0	7.9	3.8
<b>NONDURABLE GOODS . . .</b>	<b>4.7</b>	<b>4.8</b>	<b>2.6</b>	<b>5.9</b>	<b>6.1</b>	<b>3.1</b>
Food and kindred products .....	6.5	7.5	3.4	9.6	11.7	4.3
Tobacco manufactures .....	6.5	7.1	3.3	8.3	3.9	2.0
Textile mill products .....	5.8	5.3	3.7	5.0	4.4	2.9
Apparel and other textile products .....	6.3	6.1	3.0	5.4	5.7	3.0
Paper and allied products .....	3.8	3.7	2.3	4.2	4.1	2.5
Printing and publishing .....	3.3	3.1	1.9	4.7	4.2	2.6
Chemicals and allied products .....	2.3	2.0	1.2	4.0	3.8	1.7
Petroleum and coal products .....	2.3	2.5	.9	2.2	2.4	1.5
Rubber and plastic products, n e c .....	4.6	4.3	2.5	6.8	6.2	3.4
Leather and leather products .....	6.6	5.8	4.1	6.2	5.2	3.6

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

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

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

(Per 100 employees)

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

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

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

Data for the current month and annual averages are preliminary.



# ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

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

(Per 100 employees)

State and area	Accession rates				Separation rates						
	Total		New hires		Total		Quits		Layoffs		
	Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967	
ALABAMA:											
Birmingham .....	1.4	3.0	1.0	1.9	2.9	3.3	0.8	1.0	1.5	1.6	
Mobile <sup>1</sup> .....	2.0	10.3	1.0	2.4	14.6	12.4	1.5	2.6	12.6	9.3	
ALASKA .....	5.8	11.5	4.8	9.1	25.7	19.8	6.0	9.0	18.9	9.8	
ARIZONA .....	5.0	6.4	3.3	5.1	3.8	4.8	1.8	2.4	1.2	1.4	
Phoenix .....	5.4	6.6	3.6	5.2	3.8	4.8	1.7	2.4	1.3	1.4	
ARKANSAS .....	5.5	7.2	4.6	6.0	5.4	6.0	3.8	4.4	.8	.8	
Fort Smith .....	6.6	9.0	5.7	7.5	6.3	7.2	4.6	5.6	.9	.7	
Little Rock-North Little Rock .....	4.1	7.4	3.8	6.4	4.2	5.9	2.9	4.2	.5	.6	
Pine Bluff .....	3.4	4.8	3.0	4.0	3.7	5.6	2.4	3.3	.6	1.4	
CALIFORNIA <sup>1</sup> .....	4.2	5.4	3.4	4.5	4.4	5.0	2.0	2.5	1.4	1.3	
Los Angeles-Long Beach <sup>1</sup> .....	4.7	5.8	4.0	5.1	4.5	5.2	2.2	2.8	1.0	1.1	
COLORADO .....	3.7	8.5	2.8	4.3	4.2	5.5	1.7	2.4	1.9	2.4	
CONNECTICUT .....	2.9	3.7	2.4	3.1	2.7	3.5	1.7	2.3	.4	.4	
Hartford .....	2.7	3.1	2.3	2.6	2.5	3.7	1.6	2.7	.2	.2	
DELAWARE <sup>1</sup> .....	1.5	2.5	1.2	2.1	2.1	2.7	1.0	1.4	.5	.5	
Wilmington <sup>1</sup> .....	1.3	2.1	1.0	1.7	1.8	2.3	.8	1.1	.6	.4	
DISTRICT OF COLUMBIA:											
Washington SMSA .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	
FLORIDA .....	6.9	7.2	4.3	5.7	4.4	5.4	2.6	3.3	1.0	1.0	
Fort Lauderdale-Hollywood .....	6.8	8.8	5.7	8.2	8.4	7.4	4.7	5.2	2.1	.8	
Jacksonville .....	5.0	4.7	4.6	4.3	3.8	5.9	2.4	3.3	.6	1.6	
Miami .....	6.4	7.9	5.1	6.8	3.8	6.0	2.4	3.4	.7	1.4	
Orlando .....	6.9	8.0	4.8	5.5	4.5	4.3	2.3	3.0	1.4	.6	
Pensacola .....	1.0	1.3	.8	1.1	1.4	1.6	1.0	1.1	.2	.2	
Tampa-St. Petersburg .....	(2)	6.7	(2)	5.2	(2)	6.8	(2)	3.8	(2)	2.0	
West Palm Beach .....	8.1	5.5	5.1	5.2	4.6	4.2	2.2	2.6	1.1	.8	
GEORGIA .....	4.3	5.4	3.4	4.5	4.6	5.6	2.8	3.4	1.0	1.2	
Atlanta <sup>3</sup> .....	3.6	4.9	2.9	4.3	4.5	6.4	2.2	3.4	1.4	2.0	
HAWAII <sup>4</sup> .....	3.1	2.1	1.4	1.8	1.7	2.7	.9	1.2	.2	.5	
IDAHO <sup>5</sup> .....	5.1	5.4	4.4	4.6	6.4	5.7	2.7	3.5	2.8	1.0	
ILLINOIS:											
Chicago .....	4.1	4.9	3.5	4.3	4.3	5.0	2.6	3.2	.6	.6	
INDIANA <sup>1</sup> .....	2.9	3.6	1.9	2.7	3.2	3.9	1.5	2.0	.9	1.1	
Indianapolis <sup>6</sup> .....	2.9	3.2	2.2	2.6	3.1	3.7	1.7	2.1	.5	.7	
IOWA .....	3.4	4.6	2.8	3.9	3.5	4.7	2.2	3.0	.6	1.0	
Cedar Rapids .....	2.7	5.3	1.7	4.0	3.4	6.0	2.2	3.6	.6	1.6	
Des Moines .....	4.6	4.6	3.8	3.5	4.0	6.1	2.6	2.9	.5	2.3	
KANSAS .....	3.6	4.0	3.0	3.3	3.1	3.9	1.7	2.5	.7	.7	
Topeka .....	2.1	1.9	1.7	1.5	2.2	2.4	1.4	1.5	.3	.6	
Wichita .....	3.1	3.6	2.6	3.1	2.6	3.1	1.4	2.1	.4	.2	
KENTUCKY .....	3.6	4.4	2.3	3.2	4.1	4.1	1.8	2.3	1.4	.9	
Louisville .....	2.8	3.7	1.9	2.8	3.4	3.7	1.4	2.0	1.1	.6	
LOUISIANA:											
New Orleans <sup>7</sup> .....	3.7	4.3	1.9	2.7	3.3	3.9	1.0	1.6	1.5	1.6	
MAINE .....	5.7	6.8	4.4	5.2	7.6	6.7	3.3	4.0	3.2	1.7	
Portland .....	3.7	4.3	3.3	3.6	5.0	4.4	2.4	2.8	2.0	.9	
MARYLAND .....	3.2	4.0	2.3	3.0	3.8	4.4	1.6	2.1	1.6	1.6	
Baltimore .....	3.3	3.9	2.1	3.0	3.3	4.2	1.6	1.9	1.1	1.5	

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

# ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967	
MASSACHUSETTS.....	3.7	4.5	2.9	3.6	3.9	4.3	2.2	2.7	1.0	0.8
Boston.....	3.9	3.9	3.2	3.2	4.0	4.0	2.4	2.4	.9	.9
MICHIGAN.....	(2)	5.2	(2)	3.4	(2)	4.7	(2)	1.7	(2)	1.8
Detroit.....	(2)	5.1	(2)	3.7	(2)	4.8	(2)	2.0	(2)	1.5
MINNESOTA.....	4.6	5.7	3.3	4.2	5.4	7.4	2.2	3.3	2.2	3.1
Duluth-Superior.....	3.4	5.3	2.5	3.8	4.7	5.3	2.5	2.1	1.5	2.2
Minneapolis-St. Paul.....	4.5	5.4	3.4	4.0	4.2	4.5	2.1	2.6	1.1	.9
MISSISSIPPI:										
Jackson.....	4.3	5.6	3.7	3.6	4.6	3.6	2.5	2.7	1.5	.3
MISSOURI.....	3.5	4.0	2.5	3.2	3.9	4.3	1.9	2.4	1.2	1.0
Kansas City.....	3.2	3.6	2.5	2.9	3.5	4.2	1.5	2.1	1.3	1.2
St. Louis.....	2.7	3.5	2.0	2.8	3.1	3.7	1.4	1.9	.9	.8
MONTANA <sup>5</sup> .....	2.7	4.7	2.6	4.5	5.6	6.9	2.4	3.3	2.1	2.9
NEBRASKA.....	3.9	6.9	3.2	5.0	3.9	4.9	2.3	3.2	1.0	1.1
NEVADA.....	4.5	4.6	4.3	3.3	4.4	7.0	1.3	2.5	2.3	3.5
NEW HAMPSHIRE.....	4.7	5.6	3.9	4.6	4.7	4.9	3.2	3.7	.8	.6
NEW JERSEY:										
Jersey City.....	3.1	4.3	2.3	2.7	3.5	3.3	1.4	1.7	1.4	.9
Newark.....	3.1	3.9	2.2	3.0	3.2	3.8	1.4	1.7	1.1	1.3
Paterson-Clifton-Passaic.....	3.5	4.1	2.8	3.4	3.9	4.6	1.9	2.3	1.2	1.3
Perth Amboy.....	3.0	3.6	2.3	2.6	2.9	3.6	1.4	1.5	.8	1.2
Trenton.....	3.0	3.8	2.0	2.5	3.1	3.7	1.3	1.6	1.2	1.2
NEW YORK.....	3.4	4.5	2.4	3.5	4.1	4.4	1.6	2.1	1.8	1.5
Albany-Schenectady-Troy.....	2.5	3.4	1.7	2.4	2.6	3.0	1.2	1.6	.6	.6
Binghamton.....	1.7	2.1	1.2	1.5	2.0	2.2	1.2	1.4	.3	.3
Buffalo.....	2.5	3.5	1.7	2.4	2.6	3.1	1.1	1.4	1.0	1.1
Elmira.....	3.2	5.5	2.5	5.1	8.7	5.3	2.8	3.9	5.2	.4
Monroe County <sup>8</sup> .....	2.2	3.3	1.9	2.9	2.2	4.0	1.3	2.9	.3	.5
Nassau and Suffolk Counties <sup>9</sup> .....	3.8	4.7	3.1	4.1	3.3	3.5	1.8	2.2	1.0	.8
New York SMSA.....	3.8	4.9	2.8	3.8	4.3	4.7	1.6	2.0	2.0	1.8
New York City <sup>9</sup> .....	4.0	5.0	2.9	3.8	5.1	5.2	1.6	2.0	2.7	2.2
Rochester.....	2.5	4.4	2.1	3.9	3.3	4.9	1.5	3.2	1.3	1.0
Syracuse.....	2.3	3.7	1.6	2.4	2.9	3.4	1.6	2.2	.7	.5
Utica-Rome.....	2.8	5.1	2.0	3.9	2.7	3.7	1.4	2.1	.7	.8
Westchester County <sup>9</sup> .....	3.3	5.1	2.1	3.5	3.6	4.6	1.4	1.7	1.7	2.1
NORTH CAROLINA.....	3.9	5.2	3.2	4.3	4.0	4.6	2.5	3.4	.8	.4
Charlotte.....	4.1	4.8	3.7	4.4	3.6	4.4	2.6	3.4	.5	.1
Greensboro-High Point.....	4.2	5.8	3.8	5.2	4.2	5.7	3.2	4.1	.1	.3
NORTH DAKOTA.....	4.7	7.1	4.0	6.4	5.8	4.6	2.8	2.5	2.2	.8
Fargo-Moorhead.....	3.5	9.3	3.1	7.4	4.7	4.1	2.7	2.7	1.6	1.1
OHIO.....	2.9	3.6	1.9	2.5	3.1	4.1	1.3	1.7	1.1	1.5
Akron.....	1.8	2.4	1.4	1.9	1.8	2.8	.8	1.3	.5	.6
Canton.....	3.1	4.0	1.7	2.5	2.7	4.5	1.0	1.7	1.1	1.5
Cincinnati.....	2.8	2.7	2.3	2.3	3.0	3.2	1.6	1.6	.7	.9
Cleveland.....	2.9	3.7	2.2	2.6	2.9	3.8	1.5	1.9	.7	1.1
Columbus.....	2.3	3.1	1.9	2.4	2.6	3.1	1.2	1.4	.8	.8
Dayton.....	2.3	3.8	2.0	3.0	2.9	3.3	1.5	1.6	.5	.6
Toledo.....	4.4	4.5	2.6	3.1	4.0	4.5	1.4	1.7	1.3	1.6
Youngstown-Warren.....	2.8	3.7	1.5	1.9	2.0	3.9	.8	1.1	.5	2.0
OKLAHOMA:										
Oklahoma City.....	4.0	5.6	3.3	5.0	4.0	5.8	2.8	4.2	.5	.6
Tulsa <sup>10</sup> .....	5.2	5.8	4.8	5.5	4.7	5.8	2.9	3.5	.7	1.0
OREGON <sup>1</sup> .....	4.5	5.8	3.8	5.0	5.2	5.8	2.3	3.2	2.2	1.7
Portland <sup>1</sup> .....	4.9	5.3	4.0	4.7	4.5	5.5	2.0	2.6	1.7	1.9

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

# ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

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

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967	Nov. 1967	Oct. 1967
<b>PENNSYLVANIA:</b>										
Allentown-Bethlehem-Easton.....	2.6	3.3	1.7	2.1	2.3	3.3	1.3	1.7	0.6	1.1
Altoona.....	5.2	4.3	2.8	3.4	3.1	7.4	2.4	3.2	.4	3.9
Erie.....	2.4	4.1	1.9	3.3	3.1	3.2	1.2	1.7	1.2	.7
Harrisburg.....	2.3	2.8	2.0	2.3	3.0	3.1	1.2	1.6	1.3	.9
Johnstown.....	4.4	6.1	1.5	3.3	2.9	2.9	1.2	1.3	1.3	1.2
Lancaster.....	2.7	3.5	2.1	3.0	3.0	3.2	1.6	2.0	.8	.5
Philadelphia.....	3.0	3.5	2.1	2.6	2.9	3.5	1.3	1.7	.8	1.0
Pittsburgh.....	2.0	2.1	.9	.8	1.9	2.8	.5	.7	.9	1.4
Reading.....	3.2	3.7	2.7	3.1	3.0	3.3	1.6	1.8	.8	.9
Scranton.....	3.0	3.0	2.2	2.2	3.4	3.8	1.3	1.7	1.4	1.4
Wilkes-Barre-Hazleton.....	3.9	4.3	2.1	2.5	5.0	4.8	2.1	2.0	2.3	2.2
York.....	3.8	5.9	3.2	4.5	5.0	4.4	2.8	3.5	1.7	.4
<b>RHODE ISLAND:</b>										
Providence-Pawtucket-Warwick.....	5.7	6.1	4.2	4.6	5.8	5.9	2.9	3.7	2.0	1.4
	5.3	5.9	4.0	4.6	5.5	5.4	2.9	3.4	1.8	1.1
<b>SOUTH CAROLINA:</b>										
Greenville.....	4.2	5.5	3.7	4.9	4.3	5.3	3.1	3.9	.4	.4
<b>SOUTH DAKOTA:</b>										
Sioux Falls.....	5.0	4.1	2.8	2.6	4.9	4.6	2.0	2.7	2.2	1.5
	5.0	3.8	1.2	1.0	5.8	4.2	1.3	1.7	4.3	2.3
<b>TENNESSEE:</b>										
Memphis.....	3.3	5.2	2.5	3.7	4.9	5.3	2.0	2.9	2.0	1.3
<b>TEXAS<sup>11</sup>:</b>										
Dallas <sup>11</sup> .....	(2)	4.5	(2)	3.8	(2)	4.0	(2)	2.7	(2)	.5
Fort Worth <sup>11</sup> .....	(2)	4.8	(2)	4.5	(2)	5.0	(2)	3.6	(2)	.5
Houston <sup>11</sup> .....	(2)	5.1	(2)	4.5	(2)	4.6	(2)	3.2	(2)	.7
San Antonio <sup>11</sup> .....	(2)	3.6	(2)	3.3	(2)	3.3	(2)	2.1	(2)	.3
	(2)	3.9	(2)	3.3	(2)	4.1	(2)	3.1	(2)	.3
<b>UTAH<sup>5</sup>:</b>										
Salt Lake City <sup>5</sup> .....	2.9	3.9	2.0	3.0	3.5	4.6	1.5	2.0	1.2	1.8
	3.5	3.8	2.4	3.2	3.6	4.3	1.6	2.3	1.2	1.2
<b>VERMONT:</b>										
Burlington.....	2.4	3.2	1.9	2.5	3.7	3.6	1.6	2.0	1.5	.9
Springfield.....	2.2	2.9	1.7	2.3	2.1	2.3	1.3	1.4	.5	.3
	1.1	2.1	.9	1.9	1.7	2.8	.7	1.5	.6	.7
<b>VIRGINIA:</b>										
Richmond.....	3.4	4.6	2.7	3.8	3.6	3.7	1.9	2.4	1.0	.6
	2.8	3.6	2.4	3.1	3.6	3.5	1.8	2.4	.8	.2
<b>WASHINGTON:</b>										
Seattle-Everett <sup>12</sup> .....	3.8	4.7	3.2	4.0	3.2	4.0	2.1	2.7	.6	.6
<b>WEST VIRGINIA:</b>										
Charleston.....	.6	1.5	.5	.6	2.0	1.2	.5	.6	1.2	.1
<b>WISCONSIN:</b>										
Milwaukee.....	2.8	3.7	2.1	3.0	3.3	4.1	1.5	2.2	1.1	1.1
	2.9	3.5	2.2	2.9	2.8	3.6	1.5	2.0	.5	.7
<b>WYOMING<sup>5</sup>:</b>										
	4.8	4.6	4.1	3.9	5.0	10.5	3.2	3.4	1.5	2.1

<sup>1</sup> Excludes canning and preserving.

<sup>2</sup> Not available.

<sup>3</sup> Excludes agricultural chemicals and miscellaneous manufacturing.

<sup>4</sup> Excludes canned fruits, vegetables, preserves, jams and jellies.

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

<sup>6</sup> Excludes canning and preserving, and newspapers.

<sup>7</sup> Excludes printing and publishing.

<sup>8</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

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

<sup>10</sup> Excludes new-hire rate for transportation equipment.

<sup>11</sup> Excludes canning and preserving, sugar, and tobacco.

<sup>12</sup> Excludes canning and preserving, printing and publishing.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

# UNEMPLOYMENT INSURANCE DATA

## E-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	Jan. 1968	Dec. 1967	Jan. 1967	change to Jan. 1968 from <sup>1</sup>		Jan. 1968	Dec. 1967	Jan. 1967
				Dec. 1967	Jan. 1967			
<b>TOTAL<sup>2</sup></b> .....	1 647.3	1 126.5	1 563.2	520.7	84.1	3.4	2.3	3.3
<b>SEASONALLY ADJUSTED</b> .....	1 169.0	1 072.9	1 109.3	96.1	59.7	2.4	2.2	2.3
Alabama .....	23.7	18.1	21.7	5.5	2.0	3.6	2.8	3.4
Alaska .....	5.7	4.4	4.9	1.3	.8	13.3	10.5	12.1
Arizona .....	10.0	7.8	10.6	2.2	-.6	3.2	2.5	3.6
Arkansas .....	20.4	10.9	17.5	9.5	2.9	5.5	3.0	4.9
California* .....	218.5	189.8	238.4	28.7	-19.9	4.6	4.0	5.2
Colorado .....	7.3	4.3	10.3	3.0	-3.0	1.7	1.0	2.5
Connecticut .....	30.6	16.9	18.5	13.7	12.1	3.3	1.8	2.1
Delaware .....	4.2	2.6	3.9	1.6	.3	2.7	1.6	2.6
District of Columbia .....	6.2	4.1	5.5	2.1	.7	1.9	1.2	1.7
Florida .....	21.2	17.7	17.9	3.5	3.3	1.7	1.5	1.5
Georgia .....	19.2	14.5	20.4	4.7	-1.2	1.9	1.5	2.2
Hawaii .....	5.5	5.4	6.8	-	-1.3	2.7	2.7	3.5
Idaho .....	7.6	5.2	7.6	2.4	-	5.4	3.7	5.5
Illinois .....	70.3	43.1	57.9	27.2	12.4	2.3	1.4	2.0
Indiana .....	28.7	17.4	23.2	11.3	5.6	2.1	1.3	1.8
Iowa .....	12.4	7.4	10.0	5.0	2.4	2.3	1.4	1.9
Kansas .....	9.7	5.0	9.5	4.7	.2	2.4	1.2	2.5
Kentucky .....	21.9	13.2	19.2	8.8	2.7	3.9	2.3	3.6
Louisiana .....	25.4	14.2	19.2	11.2	6.2	3.6	2.1	2.9
Maine .....	9.7	5.9	6.9	3.7	2.8	4.5	2.8	3.3
Maryland .....	24.5	13.7	22.6	10.8	2.0	2.8	1.6	2.7
Massachusetts .....	71.3	48.6	66.6	22.7	4.7	4.3	2.9	4.1
Michigan .....	71.0	46.1	65.5	24.9	5.6	3.1	2.0	3.0
Minnesota .....	26.3	16.8	26.8	9.4	-.5	3.0	1.9	3.2
Mississippi .....	14.5	7.5	11.0	7.0	3.5	4.1	2.1	3.2
Missouri .....	42.3	24.0	37.9	18.2	4.4	3.7	2.1	3.5
Montana .....	7.4	4.0	7.1	3.4	.3	6.1	3.3	5.9
Nebraska .....	6.8	3.2	6.8	3.6	-	2.5	1.2	2.7
Nevada .....	7.0	6.1	8.8	1.0	-1.8	5.5	4.7	6.9
New Hampshire .....	2.5	1.6	2.4	.9	.2	1.4	.9	1.4
New Jersey .....	85.0	54.7	79.6	30.3	5.3	4.7	3.0	4.5
New Mexico .....	7.5	5.7	8.1	1.8	-.6	4.3	3.2	4.6
New York .....	210.7	144.7	224.6	66.0	-13.8	3.9	2.7	4.2
North Carolina .....	43.6	19.9	29.8	23.7	13.8	3.7	1.7	2.6
North Dakota .....	5.3	2.9	5.2	2.4	.1	6.8	3.7	6.6
Ohio .....	60.3	37.2	53.7	23.0	6.6	2.2	1.4	2.0
Oklahoma .....	14.0	10.6	12.6	3.4	1.4	3.2	2.4	3.0
Oregon .....	25.2	20.7	30.9	5.5	-4.6	5.3	4.2	6.4
Pennsylvania .....	106.6	72.1	97.4	34.5	9.2	3.3	2.2	3.1
Puerto Rico <sup>2</sup> .....	34.1	35.0	29.6	-.8	4.5	9.2	7.6	8.1
Rhode Island .....	13.5	7.1	11.2	6.4	2.3	5.0	2.6	4.3
South Carolina .....	16.3	11.9	13.5	4.4	2.8	2.9	2.1	2.5
South Dakota .....	2.7	1.3	2.8	1.5	-	3.2	1.5	3.4
Tennessee .....	38.1	21.0	31.6	17.1	6.6	4.4	2.4	3.8
Texas .....	27.5	20.5	30.5	7.0	-3.0	1.2	.9	1.4
Utah .....	10.9	6.9	10.7	4.0	.2	5.2	3.3	5.3
Vermont .....	4.4	3.1	3.4	1.4	1.0	4.7	3.3	3.9
Virginia .....	10.1	5.8	10.6	4.3	-.5	1.1	.6	1.2
Washington .....	39.9	31.5	36.6	8.4	3.3	5.2	4.2	5.3
West Virginia .....	20.7	10.7	16.1	10.0	4.6	5.9	3.1	4.7
Wisconsin .....	36.0	22.1	37.2	13.8	-1.2	3.3	2.1	3.5
Wyoming .....	2.0	1.3	2.5	.7	-.6	3.1	2.0	3.9

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

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

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



# Technical Note

Additional information concerning the preparation of the labor force, employment, hours and earnings, and labor turnover series--concepts and scope, survey methods, and limitations--is contained in technical notes for each of these series, available from the Bureau of Labor Statistics free of charge.

## INTRODUCTION

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

*Data based on household interviews* are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed and the unemployed, including such characteristics as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 52,500 households, representing 449 areas in 863 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

*Data based on establishment payroll records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The payroll survey provides detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The figures are based on payroll reports from a sample of establishments employing about 25 million nonfarm wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month.

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

## Relation between the household and payroll series

The household and payroll data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

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

### Employment

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

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

*Unpaid absences from jobs.* The household survey includes among the employed all persons who had jobs but were not at work during the survey week--that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In

the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

#### Hours of Work

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

#### Comparability of the household interview data with other series

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

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

*Agricultural employment estimates of the Department of Agriculture.* The principal differences in coverage

are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they worked on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

#### Comparability of the payroll employment data with other series

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

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

*Employment covered by State unemployment insurance programs.* Not all nonfarm wage and salary workers are covered by the unemployment insurance programs. All workers in certain activities, such as interstate railroads, are excluded. In addition, small firms in covered industries are also excluded in 31 States. In general, these are establishments with less than four employees.

## Labor Force Data

### COLLECTION AND COVERAGE

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

port 313). This report is available from BLS on request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population 16 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. The inquiry relates to activity or status during the calendar week,

Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions and persons under 16 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

Each month, 52,500 occupied units are designated for interview. About 2,250 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4.5 percent. In addition to the 52,500 occupied units, there are 8,500 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from one month to the next, and one-half to be common with the same month a year ago.

## CONCEPTS

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

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

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

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

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

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

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

*The unemployment rate* represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, color, etc.

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

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. The detailed questions for persons not in the labor force are asked only in those households that are new entrants to the sample and in those that are reentering the sample after 8 months' absence.

*Occupation, industry, and class of worker* for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their latest full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1960 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Self-employed persons are those who work for profit or fees in their



own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

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

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

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

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

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

## ESTIMATING METHODS

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

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability for other reasons. This adjustment is made separately by groups of sample areas and, within these, for six groups--color (white and non-white) within the three residence categories (urban, rural nonfarm, and rural farm). The proportion of sample households not interviewed varies from 4 to 6 percent depending on weather, vacations, etc.

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

a. *First-stage ratio estimate.* This is a procedure in which the sample proportions are weighted by the known 1960 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1960 Census between the color-residence distribution for the Nation and for the sample areas.

b. *Second-stage ratio estimate.* In this step, the sample proportions are weighted by independent current estimates of the population by age, sex, and color. These estimates are prepared by carrying forward the most recent census data (1960) to take account of subsequent aging of the population, mortality, and migration between the United States and other countries.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. This procedure reduces the sampling variability of month-to-month changes especially and of the levels for most items also.

### Rounding of Estimates

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

## Reliability of the Estimates

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

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

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

Table A. Average standard error of major employment status categories

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

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

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

Table B. Standard error of level of monthly estimates

(In thousands)

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

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

error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 126,000.

Table C. Standard error of estimates of month-to-month change  
(In thousands)

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

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Where the numerator is a subclass of the denominator, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator

of the percentage, particularly if the percentage is large (50 percent or greater). Table D shows the standard errors for percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D.

Table D. Standard error of percentage

Base of percentages (thousands)	Estimated percentage								
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50
150 ...	.8	1.2	1.8	2.5	2.9	3.3	3.4	3.9	4.0
250 ...	.7	.8	1.4	1.9	2.3	2.5	2.8	3.0	3.2
500 ...	.5	.7	1.0	1.4	1.6	1.8	1.9	2.1	2.3
1,000 ..	.3	.4	.7	1.0	1.2	1.4	1.4	1.6	1.6
2,000 ..	.3	.3	.5	.7	.7	.8	1.0	1.1	1.2
3,000 ..	.2	.3	.4	.7	.7	.7	.8	.8	1.0
5,000 ..	.2	.2	.3	.4	.5	.7	.7	.7	.7
10,000 .	.1	.2	.3	.3	.3	.4	.4	.5	.5
25,000 .	.1	.1	.2	.2	.3	.3	.3	.3	.3
50,000 .	.1	.1	.1	.2	.2	.2	.2	.3	.3
75,000 .	.1	.1	.1	.1	.2	.2	.2	.2	.2

## Establishment Data

### COLLECTION

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

#### Federal-State Cooperation

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

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

#### Shuttle Schedules

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

on Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collecting agency returns the schedule to the respondent each month so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of non-agricultural establishments and, for most industries, payroll and man-hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. The labor turnover schedule provides for the collection of information on the total number of accessions and separations, by type, during the calendar month.

### CONCEPTS

#### Industrial Classification

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

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

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

### Industry Employment

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

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

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

### Industry Hours and Earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining nonfarm components. For Federal Government, hours and earnings relate to all employees who worked or received pay during the pay period which includes the 12th of the month. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

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

*Construction workers* include the following employees in the contract construction division: Working foremen,

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

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

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

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

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

### Gross Average Hourly and Weekly Earnings

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

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amounts stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on

the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker, construction worker, or nonsupervisory-employee definitions.

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

#### Average Weekly Hours

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

#### Average Overtime Hours

The overtime hours represent that portion of the gross average weekly hours which were in excess of regular hours and for which overtime premiums were paid. If an employee worked on a paid holiday at regular rates, receiving as total compensation his holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

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

#### Hours and Earnings For Total Private Nonagricultural Industries

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

For a technical description of this series, see the article, "Hours and Earnings for Workers in Private Nonagricultural Industries," published in the May 1967

*Issue of Employment and Earnings and Monthly Report on the Labor Force.*

#### Railroad Hours and Earnings

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

#### Spensible Average Weekly Earnings

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

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

#### Average Hourly Earnings Excluding Overtime

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

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

The indexes of aggregate weekly payrolls and man-hours are prepared by dividing the current month's aggregate by the monthly average for the 1957-59 period. The man-hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of gross average weekly earnings and production-worker employment.

## Labor Turnover

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

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

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

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

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

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

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

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

## Comparability With Employment Series

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

## ESTIMATING METHODS

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

### The "Link Relative" Technique

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

### Size and Regional Stratification

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

### Benchmark Adjustments

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

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

The estimates relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry then is carried forward progressively to the current month by use of the sample trends. Thus, under

this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level.

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

## THE SAMPLE

### Design

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

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

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

ducing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents, and at a somewhat later date, statistics in considerably greater industrial detail. The tendency of such a sample to produce biased estimates of the level of earnings for certain industries is counteracted by the stratified estimating procedure described under "Estimating Methods."

### Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. The table that follows shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Approximate size and coverage of BLS employment and payrolls sample, March 1966<sup>1</sup>

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

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

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

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

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

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

**Reliability of the Employment Estimates**

The estimates derived from the establishment survey may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures. The relatively large size of the BLS establishment sample assures a high degree of accuracy. However, since the link relative technique requires the use of the previous month's estimate as the base in computing the current month's estimate, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are adjusted annually to new benchmarks. In addition to the sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences, generally minor, arises from improvements in the quality of the benchmark data. (A detailed description of the March 1966 benchmark is available from the Bureau upon request.)

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

For the most recent months, national, State, and area estimates are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample design have been received.

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

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

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

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

<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 1964-66

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

**STATISTICS FOR STATES AND AREAS**

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings and Monthly Report on the Labor Force* that contains State and area annual averages. Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by



BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

## 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

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

claims are notices filed by those losing jobs covered by an unemployment insurance program that they are starting a period of unemployment. A claimant who continues to be unemployed a full week is then counted in the insured unemployment figure.

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

## SEASONAL ADJUSTMENT

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

The seasonal adjustment method used for these series is an adaptation of the standard ratio-to-moving average method, with a provision for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the booklet, *The BLS Seasonal Factor Method* (1966), which may be obtained from the Bureau on request.

For establishment data, the seasonally adjusted series on weekly hours and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series. However, seasonally adjusted employment totals for all

employees and production workers by industry division are obtained by summing seasonally adjusted data for the component industries. Indexes of aggregate weekly man-hours, seasonally adjusted, for mining, contract construction, and the major industries in manufacturing are obtained by multiplying average weekly hours, seasonally adjusted, by production workers, seasonally adjusted, and dividing by the 1957-59 base. For total, manufacturing, and durable and nondurable goods, the indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-hours, seasonally adjusted, for the appropriate component industries and dividing by the 1957-59 base.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Post Office Department in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Post Office Department. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based. Factors currently in use for the establishment data are shown in the September 1967 *Employment and Earnings and Monthly Report on the Labor Force*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

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

seasonally adjusted civilian labor force (the sum of twelve seasonally adjusted age-sex components).

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1967 are published in the February 1968 *Employment and Earnings and Monthly Report on the Labor Force*. Revisions will be made annually as each additional year's data become available.

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### ATTENTION

As discussed in the Technical Note, the Bureau periodically adjusts the industry employment series to a recent benchmark to improve their accuracy. These adjustments may also affect the hours and earnings series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1966 benchmarks. Data from April 1966 forward are subject to revision at the time of the next benchmark.

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

Industry titles conform to the Bureau of the Budget's standard list of short SIC titles,

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**Summary of Methods for Computing Industry Statistics**  
**on Employment, Hours, Earnings, and Labor Turnover**

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

# UNITED STATES DEPARTMENT OF LABOR

## Bureau of Labor Statistics

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### COOPERATING STATE AGENCIES

#### *Employment and Labor Turnover Statistics Programs*

BLS Region	
III ALABAMA	-Department of Industrial Relations, Montgomery 36104
V ALASKA	-Employment Security Division, Department of Labor, Juneau 99801
V ARIZONA	-Unemployment Compensation Division, Employment Security Commission, Phoenix 85005
III ARKANSAS	-Employment Security Commission, Department of Labor, Little Rock 72203
V CALIFORNIA	-Division of Labor Statistics and Research, Department of Industrial Relations, San Francisco 94101 (Employment). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
VI COLORADO	-Department of Employment, Denver 80203
I CONNECTICUT	-Employment Security Division, Department of Labor, Hartford 06115
II DELAWARE	-Employment Security Commission, Wilmington 19801
II DIST. OF COL.	-U. S. Employment Service for D. C., Washington 20212
III FLORIDA	-Industrial Commission, Tallahassee 32304
III GEORGIA	-Employment Security Agency, Department of Labor, Atlanta 30303
V HAWAII	-Department of Labor and Industrial Relations, Honolulu 96811
V IDAHO	-Department of Employment, Boise 83707
IV ILLINOIS	-Division of Research and Statistics, Department of Labor, Chicago 60606
IV INDIANA	-Employment Security Division, Indianapolis 46204
VI IOWA	-Employment Security Commission, Des Moines 50319
VI KANSAS	-Employment Security Division, Department of Labor, Topeka 66603
IV KENTUCKY	-Bureau of Employment Security, Department of Economic Security, Frankfort 40601
III LOUISIANA	-Division of Employment Security, Department of Labor, Baton Rouge 70804
I MAINE	-Employment Security Commission, Augusta 04330
II MARYLAND	-Department of Employment Security, Baltimore 21201
I MASSACHUSETTS	-Division of Statistics, Department of Labor and Industries, Boston 02202 (Employment). Division of Employment Security, Boston 02215 (Turnover).
IV MICHIGAN	-Employment Security Commission, Detroit 48202
IV MINNESOTA	-Department of Employment Security, St. Paul 55101
III MISSISSIPPI	-Employment Security Commission, Jackson 39205
VI MISSOURI	-Division of Employment Security, Jefferson City 65102
VI MONTANA	-Unemployment Compensation Commission, Helena 59601
VI NEBRASKA	-Division of Employment, Department of Labor, Lincoln 68501
V NEVADA	-Employment Security Department, Carson City 89701
I NEW HAMPSHIRE	-Department of Employment Security, Concord 03301
II NEW JERSEY	-Department of Labor and Industry: Bureau of Statistics and Records (Employment); Division of Employment Security (Turnover), Trenton 08625
III NEW MEXICO	-Employment Security Commission, Albuquerque 87103
II NEW YORK	-Research and Statistics Office, Division of Employment, N. Y. State Department of Labor, State Campus Building 12, Albany 12201
II NORTH CAROLINA	-Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
VI NORTH DAKOTA	-Unemployment Compensation Division, Workmen's Compensation Bureau, Bismarck 58502
IV OHIO	-Division of Research and Statistics, Bureau of Employment Services, 145 S. Front St., Columbus 43216
III OKLAHOMA	-Employment Security Commission, Oklahoma City 73105
V OREGON	-Department of Employment, Salem 97310
II PENNSYLVANIA	-Bureau of Employment Security, Department of Labor and Industry, Harrisburg 17121
I RHODE ISLAND	-Division of Statistics and Census, Department of Labor, Providence 02908 (Employment). Department of Employment Security, Providence 02903 (Turnover).
III SOUTH CAROLINA	-Employment Security Commission, Columbia 29202
VI SOUTH DAKOTA	-Employment Security Department, Aberdeen 57401
III TENNESSEE	-Department of Employment Security, Nashville 37219
III TEXAS	-Employment Commission, Austin 78701
VI UTAH	-Department of Employment Security, Salt Lake City 84111
I VERMONT	-Department of Employment Security, Montpelier 05602
II VIRGINIA	-Division of Research and Statistics, Department of Labor and Industry, Richmond 23214 (Employment). Employment Commission, Richmond 23211 (Turnover).
V WASHINGTON	-Employment Security Department, Olympia 98501
II WEST VIRGINIA	-Department of Employment Security, Charleston 25305
IV WISCONSIN	-Unemployment Compensation Department, Madison 53701
VI WYOMING	-Employment Security Commission, Casper 82601