



# EMPLOYMENT and EARNINGS

Vol. 10 No. 8

February 1964

UNITED STATES DEPARTMENT OF LABOR  
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## SEASONALLY ADJUSTED LABOR FORCE DATA

Revised seasonal adjustment factors and seasonally adjusted data for unemployment and other major labor force series (pages v-xvii).

## 1963 ANNUAL AVERAGES

Special Section (pages 74-85)

**Household Data:**  
1963 annual averages for all series regularly appearing in Section A.

**Establishment Data:**  
Preliminary 1963 annual averages for major divisions and two-digit manufacturing industries. Final annual averages for establishment data will appear in the March issue.

## NEW LABOR TURNOVER SERIES

Manufacturing labor turnover rates for Reading, Pennsylvania are shown for the first time in table D-5.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
Subscription price: \$3.50 a year; \$1.50 additional for foreign mailing. Price 45 cents a copy. (Annual Supplement Issue: \$1.00).

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

### CAUTION

Periodically, the Bureau adjusts the industry employment series to a recent benchmark to improve their accuracy. These adjustments may also affect the hours and earnings series because employment levels are used as weights. All industry statistics after March 1962, the present benchmark date, are therefore subject to revision.

Beginning with September 1963 and subsequent issues of Employment and Earnings, data in tables B-1 through B-6, C-1 through C-7, and D-1 through D-4 are based on March 1962 benchmarks. Therefore, issues of Employment and Earnings prior to September 1963 cannot be used in conjunction with national industry data now shown in sections B, C, and D. Comparable data for prior periods are published in Employment and Earnings Statistics for the United States, 1909-62, BLS Bulletin 1312-1, which may be purchased from the Superintendent of Documents for \$3.50. For an individual industry, earlier data may be obtained upon request to the Bureau.

When industry data are again adjusted to new benchmarks another edition of Employment and Earnings Statistics for the United States will be issued containing the revised data extending from April 1962 forward to a current date, as well as the prior historical statistics.

# THE METHOD OF SEASONAL ADJUSTMENT FOR UNEMPLOYMENT AND OTHER 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 1963 and are based on an improved method resulting from the Bureau's research activities during 1963. Combinations of directly adjusted component series are used in the same way as in 1963. The revised seasonal adjustment factors and seasonally adjusted data shown on pages v through xvii replace those listed in the March 1963 Employment and Earnings, which were based on data through December 1962.

## 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 values to provide seasonal-irregulars. A weighted moving average of these seasonal-irregulars for the same month of successive years provides estimates of the seasonal factors. The new method uses seven (instead of the previous five) terms in this moving average. 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. The new method uses nine (instead of the previous seven) terms in the weighted moving average for improving the trend-cycle component. A new decomposition based on the revised trend-cycle is computed in the same way as before.

This would end the process except for the problem of extreme values. Most series contain some values which do not quite fit the general pattern. Instead of the earlier procedure in which a borderline case may receive either drastic treatment or no treatment at all, the new method uses a graduated approach, with small differences in the data causing only small differences in the way they are treated.

The key idea in the graduated treatment of extreme values is the assignment of a "credence factor" to each data value. These credence factors, which range from zero to one, are used as secondary weights in the various moving averages. A value so extreme as to have zero credence has no effect on the trend-cycle or the seasonal factor; a value with partial credence has some effect but less than it had originally. The extremeness goes into the irregular component.

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. Some of the unemployment rates are a quotient of one such aggregate divided by another. The twelve basic series are four age-sex groups (male and female, under and over 20 years of age) of unemployment, of nonagricultural employment, and of agricultural employment.

### Historical Comparability

The data are based on the definitions of employment and unemployment adopted in January 1957.

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 previous 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.

### Data Published

As a result of new techniques and the conversion to a high-speed computer, the BLS is now able to process and publish up to 20 years of seasonally adjusted data compared with the previous limitation of 14 years on the former program. The current program also provides for the publication of annual averages for the first time, which are based on original data. Although civilian labor force and total employment are seasonally adjusted by the component method, direct adjustment factors are available upon request. Historical seasonal adjustment factors for other labor force series may also be obtained on request.

## 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	127.0	128.6	123.6	105.2	91.1	90.2	90.8	90.6	79.4	78.8	88.8	106.0
UNEMPLOYED - WOMEN 20 YEARS AND OVER	109.2	107.9	103.4	96.3	93.8	101.1	100.7	100.2	101.0	96.7	99.9	89.7
UNEMPLOYED - BOYS 14-19 YEARS	87.9	96.0	93.5	90.3	96.5	182.0	133.3	98.4	78.8	78.4	77.4	87.4
UNEMPLOYED - GIRLS 14-19 YEARS	75.9	78.3	79.5	81.4	108.0	203.7	143.7	97.4	88.4	79.2	89.3	75.1
NONAGRICULTURAL EMPLOYMENT - MEN 20 YEARS AND OVER	98.4	98.6	98.8	99.5	100.1	100.8	100.6	100.9	100.9	101.0	100.6	100.0
NONAGRICULTURAL EMPLOYMENT - WOMEN 20 YEARS AND OVER	99.1	100.4	101.6	101.5	101.7	98.4	96.6	97.1	99.6	101.0	101.3	101.8
NONAGRICULTURAL EMPLOYMENT - BOYS 14-19 YEARS	85.2	88.4	85.0	90.1	98.8	118.9	131.9	130.4	95.8	93.5	91.2	90.9
NONAGRICULTURAL EMPLOYMENT - GIRLS 14-19 YEARS	90.2	90.9	92.1	89.7	92.3	103.5	122.0	121.6	94.8	99.3	97.5	106.1
AGRICULTURAL EMPLOYMENT - MEN 20 YEARS AND OVER	91.5	92.6	96.6	99.6	103.3	106.6	105.3	103.1	103.7	103.8	100.8	92.9
AGRICULTURAL EMPLOYMENT - WOMEN 20 YEARS AND OVER	62.0	61.8	74.6	81.8	111.6	139.0	129.8	113.5	132.0	130.7	99.0	64.3
AGRICULTURAL EMPLOYMENT - BOYS 14-19 YEARS	59.8	61.8	73.2	85.0	94.7	163.1	166.4	149.7	102.6	98.4	82.4	62.9
AGRICULTURAL EMPLOYMENT - GIRLS 14-19 YEARS	25.3	29.6	29.6	43.9	80.3	212.2	205.1	190.3	145.5	136.7	66.5	35.0
UNEMPLOYMENT RATE - MARRIED MEN	130.9	136.5	125.7	104.6	89.7	85.0	87.8	88.1	76.7	78.1	89.3	107.5
UNEMPLOYMENT RATE - EXPERIENCED WAGE AND SALARY WORKERS	120.5	122.9	115.4	101.3	92.8	98.7	94.3	92.3	87.6	84.1	91.6	98.3
PERCENT OF LABOR FORCE TIME LOST	112.5	113.8	108.7	98.8	92.3	109.6	102.5	97.8	86.3	84.4	95.7	97.3
UNEMPLOYED - LESS THAN 5 WEEKS	111.2	103.1	87.4	86.4	89.5	148.1	103.3	92.3	93.3	90.2	100.0	95.6
UNEMPLOYED - 5 TO 14 WEEKS	125.9	142.6	131.1	84.4	80.8	81.7	112.9	103.4	76.8	75.1	87.8	97.2
UNEMPLOYED - 15 WEEKS AND OVER	100.1	115.5	126.3	133.4	116.1	94.1	89.5	87.6	82.2	82.5	81.5	90.8
UNEMPLOYED - 27 WEEKS AND OVER	99.4	101.9	115.8	117.4	108.1	98.6	102.1	100.5	90.2	86.2	91.2	88.9
NONAGRICULTURAL WORKERS ON FULL-TIME SCHEDULES	99.3	99.2	99.8	100.5	101.2	100.6	95.0	96.9	101.5	102.2	102.1	102.1
NONAGRICULTURAL WORKERS ON PART TIME FOR ECONOMIC REASONS (USUALLY WORK FULL TIME)	110.4	95.5	102.9	106.2	99.9	98.9	88.2	100.4	98.7	96.1	104.0	98.5
NONAGRICULTURAL WORKERS ON PART TIME FOR ECONOMIC REASONS (USUALLY WORK PART TIME)	87.2	94.9	93.1	92.6	93.5	124.4	128.4	124.9	90.9	87.0	93.0	89.8
NONAGRICULTURAL WORKERS ON PART TIME FOR NONECONOMIC REASONS (USUALLY WORK PART TIME)	100.9	107.2	107.9	106.4	112.3	89.5	80.9	78.1	96.3	104.1	108.0	108.7

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# HOUSEHOLD DATA SEASONALLY ADJUSTED

## TOTAL LABOR FORCE

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				62,787	61,756	63,133	63,383	63,023	63,081	62,896	62,962	63,445	
1949	63,065	63,448	63,514	63,335	63,485	63,224	63,473	63,892	63,953	64,473	64,319	64,165	63,573
1950	63,835	63,898	63,822	64,453	64,212	64,643	64,184	64,868	64,717	65,196	65,184	65,082	64,601
1951	65,103	65,162	66,033	65,441	65,780	65,532	66,042	65,989	65,923	66,272	66,102	66,541	65,833
1952	66,625	66,664	66,040	66,127	66,385	66,493	66,276	66,148	66,780	66,152	66,662	66,791	66,410
1953	67,807	67,945	68,094	67,525	66,886	67,447	67,464	67,188	67,097	67,183	67,257	67,009	67,361
1954	67,389	68,328	68,042	68,210	67,845	67,521	67,439	67,873	68,424	68,035	67,784	67,275	67,818
1955	67,766	67,493	67,773	68,502	68,182	68,292	68,896	69,463	69,468	69,735	69,989	70,341	68,896
1956	70,277	69,846	69,924	70,238	70,610	70,554	70,583	70,482	70,537	70,326	70,477	70,447	70,387
1957	70,154	70,682	70,791	70,481	70,606	70,902	71,199	70,571	70,904	70,863	70,816	71,166	70,746
1958	70,840	70,907	70,894	71,351	71,569	71,335	71,464	71,699	71,605	71,602	71,295	71,288	71,284
1959	71,530	71,256	71,703	72,015	71,805	71,865	72,049	71,969	72,104	72,365	72,054	72,574	71,946
1960	72,480	72,387	71,842	73,101	73,068	73,387	73,243	73,295	73,638	73,387	74,043	73,906	73,125
1961	74,030	74,120	74,404	73,912	74,042	74,621	74,196	74,232	73,874	74,239	74,404	74,018	74,176
1962	74,266	74,601	74,478	74,380	74,733	74,761	74,472	75,161	74,960	74,714	74,810	74,827	74,681
1963	75,116	75,153	75,192	75,638	75,759	75,627	75,951	75,737	75,840	75,910	76,311	75,964	75,713

## CIVILIAN LABOR FORCE

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				61,551	60,518	61,872	62,090	61,698	61,715	61,505	61,548	61,992	
1949	61,597	61,940	62,023	61,843	62,016	61,756	62,010	62,424	62,494	63,028	62,883	62,735	62,107
1950	62,427	62,532	62,476	63,123	62,892	63,332	62,869	63,531	63,264	63,462	63,243	63,046	63,101
1951	62,858	62,607	63,402	62,653	62,855	62,515	62,947	62,826	62,713	63,062	62,844	63,256	62,884
1952	63,314	63,274	62,552	62,611	62,865	62,999	62,810	62,687	63,312	62,732	63,261	63,403	62,966
1953	64,264	64,402	64,549	63,997	63,353	63,891	63,874	63,598	63,522	63,633	63,737	63,517	63,814
1954	63,937	64,914	64,649	64,835	64,484	64,178	64,109	64,539	65,102	64,727	64,499	63,990	64,468
1955	64,563	64,264	64,587	65,368	65,118	65,296	65,932	66,494	66,497	66,777	67,031	67,395	65,847
1956	67,361	66,940	67,031	67,359	67,745	67,710	67,747	67,641	67,711	67,503	67,648	67,621	67,530
1957	67,337	67,865	67,975	67,662	67,786	68,083	68,376	67,732	68,085	68,077	68,087	68,478	67,947
1958	68,193	68,263	68,246	68,697	68,931	68,704	68,833	69,063	68,970	68,970	68,668	68,668	68,647
1959	68,933	68,665	69,124	69,444	69,255	69,327	69,512	69,432	69,572	69,839	69,525	70,042	69,394
1960	69,959	69,866	69,322	70,589	70,564	70,890	70,734	70,814	71,121	70,864	71,510	71,376	70,611
1961	71,506	71,586	71,875	71,392	71,529	72,117	71,682	71,703	71,327	71,653	71,647	71,205	71,603
1962	71,423	71,715	71,593	71,495	71,858	71,905	71,617	72,302	72,225	71,978	72,060	72,063	71,854
1963	72,400	72,429	72,460	72,902	73,022	72,891	73,207	72,988	73,091	73,168	73,572	73,224	72,976

## EMPLOYED - ALL INDUSTRIES

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				59,043	58,370	59,582	59,826	59,319	59,362	59,212	59,223	59,538	
1949	58,958	59,055	58,962	58,500	58,238	57,949	57,895	58,174	58,391	58,049	58,817	58,617	58,423
1950	58,338	58,533	58,544	59,431	59,405	59,886	59,680	60,678	60,391	60,790	60,614	60,361	59,747
1951	60,513	60,441	61,228	60,677	60,956	60,457	60,970	60,869	60,598	60,820	60,623	61,249	60,784
1952	61,313	61,283	60,683	60,744	60,940	61,066	60,759	60,550	61,278	60,850	61,491	61,703	61,034
1953	62,383	62,729	62,866	62,235	61,721	62,248	62,196	61,907	61,650	61,630	61,491	60,638	61,943
1954	60,806	61,549	61,000	61,035	60,688	60,585	60,413	60,617	61,084	60,989	61,052	60,749	60,888
1955	61,358	61,263	61,625	62,281	62,348	62,554	63,244	63,639	63,746	63,876	64,178	64,556	62,942
1956	64,636	64,262	64,213	64,645	64,779	64,743	64,719	64,885	65,016	64,868	64,721	64,745	64,705
1957	64,475	65,187	65,384	64,980	64,990	65,149	65,497	64,911	65,060	64,982	64,551	64,941	65,011
1958	64,253	63,874	63,693	63,609	63,837	63,685	63,662	63,950	64,043	64,302	64,402	64,416	63,966
1959	64,786	64,624	65,238	65,787	65,722	65,831	65,929	65,755	65,730	65,856	65,450	66,302	65,581
1960	66,285	66,464	65,542	66,911	66,921	67,042	66,852	66,779	67,127	66,534	67,045	66,662	66,681
1961	66,745	66,677	66,946	66,422	66,460	67,135	66,702	66,890	66,544	66,949	67,219	66,964	66,797
1962	67,278	67,750	67,636	67,485	67,899	67,954	67,731	68,151	68,150	68,066	67,862	68,109	67,846
1963	68,254	68,122	68,364	68,767	68,720	68,767	69,101	68,941	69,044	69,067	69,222	69,205	68,810

# HOUSEHOLD DATA SEASONALLY ADJUSTED

## EMPLOYED - AGRICULTURE

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				7,916	7,434	7,914	7,976	7,873	8,167	7,944	7,980	8,417	
1949	8,157	8,522	8,479	8,314	8,433	8,145	8,393	7,939	7,616	7,130	7,869	7,727	8,018
1950	7,333	7,358	7,468	7,647	7,608	7,624	7,432	7,593	7,283	7,764	7,537	7,118	7,498
1951	7,215	7,062	7,186	7,048	7,045	6,823	6,911	7,143	6,892	6,962	7,014	7,385	7,049
1952	7,522	7,300	6,763	6,814	6,605	6,867	6,653	6,474	6,807	6,618	6,761	6,620	6,792
1953	6,934	6,827	6,779	6,689	6,122	6,659	6,594	6,616	6,476	6,375	6,648	6,202	6,554
1954	6,302	6,911	6,648	6,461	6,478	6,451	6,524	6,371	6,800	6,545	6,190	6,091	6,495
1955	6,299	6,012	6,467	6,611	6,576	6,494	6,696	6,870	7,107	7,047	6,987	7,006	6,718
1956	6,901	6,692	6,477	6,788	6,688	6,630	6,618	6,564	6,650	6,408	6,276	6,028	6,572
1957	6,040	6,439	6,298	6,079	6,277	6,291	6,675	6,183	5,950	6,167	5,917	6,369	6,222
1958	6,147	5,916	5,812	5,869	5,936	5,768	5,780	5,951	5,691	5,822	5,818	5,746	5,844
1959	5,756	5,714	5,958	6,215	6,087	5,986	5,830	5,692	5,717	5,595	5,735	5,753	5,836
1960	5,719	5,665	5,183	5,738	5,584	5,670	5,814	5,761	6,053	5,725	5,832	5,922	5,723
1961	5,711	5,780	5,717	5,268	5,326	5,513	5,443	5,616	5,245	5,486	5,323	5,217	5,463
1962	5,379	5,571	5,383	5,238	5,236	5,202	5,111	5,130	5,111	5,059	4,992	4,869	5,190
1963	5,164	4,895	4,886	4,997	5,030	4,924	5,009	4,872	4,877	4,939	4,903	4,890	4,946

## EMPLOYED - NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				51,127	50,936	51,668	51,850	51,446	51,195	51,268	51,243	51,121	
1949	50,801	50,533	50,483	50,186	49,805	49,804	49,502	50,235	50,775	50,919	50,948	50,890	50,405
1950	51,005	51,175	51,076	51,784	51,797	52,262	52,248	53,085	53,108	53,026	53,077	53,243	52,249
1951	53,298	53,379	54,042	53,629	53,911	53,634	54,059	53,726	53,706	53,858	53,609	53,864	53,735
1952	53,791	53,983	53,920	53,930	54,335	54,199	54,106	54,076	54,471	54,232	54,730	55,083	54,242
1953	55,449	55,902	56,087	55,546	55,599	55,589	55,602	55,291	55,174	55,255	54,843	54,436	55,390
1954	54,504	54,638	54,352	54,574	54,210	54,134	53,889	54,246	54,284	54,444	54,862	54,658	54,394
1955	55,059	55,251	55,158	55,670	55,772	56,060	56,548	56,769	56,639	56,829	57,191	57,550	56,224
1956	57,735	57,570	57,736	57,857	58,091	58,113	58,101	58,321	58,366	58,460	58,445	58,717	58,133
1957	58,435	58,748	59,086	58,901	58,713	58,858	58,822	58,728	59,110	58,815	58,634	58,572	58,789
1958	58,106	57,958	57,881	57,740	57,901	57,917	57,882	57,999	58,352	58,480	58,584	58,670	58,122
1959	59,030	58,910	59,280	59,572	59,635	59,845	60,099	60,063	60,013	60,261	59,715	60,549	59,745
1960	60,566	60,799	60,359	61,173	61,337	61,372	61,038	61,018	61,074	60,809	61,213	60,740	60,958
1961	61,034	60,897	61,229	61,154	61,134	61,622	61,259	61,274	61,299	61,463	61,896	61,747	61,334
1962	61,899	62,179	62,253	62,247	62,663	62,752	62,620	63,021	63,039	63,007	62,870	63,240	62,657
1963	63,090	63,227	63,478	63,770	63,690	63,843	64,092	64,069	64,167	64,128	64,319	64,315	63,863

## TOTAL UNEMPLOYED

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				2,508	2,148	2,290	2,264	2,379	2,353	2,293	2,325	2,454	
1949	2,639	2,885	3,061	3,343	3,778	3,807	4,115	4,250	4,103	4,979	4,066	4,118	3,684
1950	4,089	3,999	3,932	3,692	3,487	3,446	3,189	2,853	2,873	2,672	2,629	2,685	3,354
1951	2,345	2,166	2,174	1,976	1,899	2,058	1,977	1,957	2,115	2,242	2,221	2,007	2,100
1952	2,001	1,991	1,869	1,867	1,925	1,933	2,051	2,137	2,034	1,882	1,770	1,700	1,932
1953	1,881	1,673	1,683	1,762	1,632	1,643	1,678	1,691	1,872	2,003	2,246	2,879	1,871
1954	3,131	3,365	3,649	3,800	3,796	3,593	3,696	3,922	4,018	3,738	3,447	3,241	3,580
1955	3,205	3,001	2,962	3,087	2,770	2,742	2,688	2,855	2,751	2,901	2,853	2,839	2,905
1956	2,725	2,678	2,818	2,714	2,966	2,967	3,028	2,756	2,695	2,635	2,927	2,876	2,825
1957	2,862	2,678	2,591	2,682	2,796	2,934	2,879	2,821	3,025	3,095	3,536	3,537	2,936
1958	3,940	4,389	4,553	5,088	5,094	5,019	5,171	5,113	4,927	4,668	4,266	4,252	4,681
1959	4,147	4,041	3,886	3,657	3,533	3,496	3,583	3,677	3,842	3,983	4,075	3,740	3,813
1960	3,674	3,402	3,780	3,678	3,643	3,848	3,882	4,035	3,994	4,330	4,465	4,714	3,931
1961	4,761	4,909	4,929	4,970	5,069	4,982	4,980	4,813	4,783	4,704	4,428	4,241	4,807
1962	4,145	3,965	3,957	4,010	3,959	3,951	3,886	4,151	4,075	3,912	4,198	3,954	4,008
1963	4,146	4,307	4,096	4,135	4,302	4,124	4,106	4,047	4,047	4,101	4,350	4,019	4,166



# HOUSEHOLD DATA SEASONALLY ADJUSTED

## UNEMPLOYMENT RATE - ALL CIVILIAN WORKERS

SEASONALLY ADJUSTED DATA

(PERCENT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				4.1	3.5	3.7	3.6	3.9	3.8	3.7	3.8	4.0	
1949	4.3	4.7	4.9	5.4	6.1	6.2	6.6	6.8	6.6	7.9	6.5	6.6	5.9
1950	6.6	6.4	6.3	5.8	5.5	5.4	5.1	4.5	4.5	4.2	4.2	4.3	5.3
1951	3.7	3.5	3.4	3.2	3.0	3.3	3.1	3.1	3.4	3.6	3.5	3.2	3.3
1952	3.2	3.1	3.0	3.0	3.1	3.1	3.3	3.4	3.2	3.0	2.8	2.7	3.1
1953	2.9	2.6	2.6	2.8	2.6	2.6	2.6	2.7	2.9	3.1	3.5	4.5	2.9
1954	4.9	5.2	5.6	5.9	5.9	5.6	5.8	6.1	6.2	5.8	5.3	5.1	5.6
1955	5.0	4.7	4.6	4.7	4.3	4.2	4.1	4.3	4.1	4.3	4.3	4.2	4.4
1956	4.0	4.0	4.2	4.0	4.4	4.4	4.5	4.1	4.0	3.9	4.3	4.3	4.2
1957	4.3	3.9	3.8	4.0	4.1	4.3	4.2	4.2	4.4	4.5	5.2	5.2	4.3
1958	5.8	6.4	6.7	7.4	7.4	7.3	7.5	7.4	7.1	6.8	6.2	6.2	6.8
1959	6.0	5.9	5.6	5.3	5.1	5.0	5.2	5.3	5.5	5.7	5.9	5.3	5.5
1960	5.3	4.9	5.5	5.2	5.2	5.4	5.5	5.7	5.6	6.1	6.2	6.6	5.6
1961	6.7	6.9	6.9	7.0	7.1	6.9	6.9	6.7	6.7	6.6	6.2	6.0	6.7
1962	5.8	5.5	5.5	5.6	5.5	5.5	5.4	5.7	5.6	5.4	5.8	5.5	5.6
1963	5.7	5.9	5.7	5.7	5.9	5.7	5.6	5.5	5.5	5.6	5.9	5.5	5.7

## UNEMPLOYMENT RATE - MARRIED MEN

SEASONALLY ADJUSTED DATA

(PERCENT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1954											3.4	3.0	
1955	3.0	3.0	2.9	3.3	2.5	2.4	2.0	2.4	2.2	2.3	2.2	2.0	2.6
1956	2.3	2.2	2.2	2.3	2.4	2.3	2.5	2.3	2.3	2.3	2.5	2.5	2.3
1957	2.6	2.4	2.2	2.6	2.6	2.7	2.6	2.7	3.1	3.2	3.5	3.7	2.8
1958	4.0	4.6	5.0	5.6	5.7	5.8	5.8	5.6	5.3	5.0	4.6	4.6	5.1
1959	4.1	4.0	3.7	3.2	3.2	3.1	3.3	3.4	3.7	3.8	4.2	3.4	3.6
1960	3.3	2.9	3.5	3.3	3.4	3.6	3.8	3.9	3.8	4.4	4.4	4.8	3.7
1961	4.7	4.8	4.7	4.9	5.0	4.8	4.8	4.7	4.6	4.2	4.2	3.9	4.6
1962	3.8	3.3	3.6	3.8	3.5	3.7	3.5	3.6	3.5	3.5	3.6	3.5	3.6
1963	3.7	3.7	3.5	3.3	3.3	3.2	3.2	3.1	3.0	2.9	3.4	3.3	3.4

## UNEMPLOYMENT RATE - EXPERIENCED WAGE AND SALARY WORKERS

SEASONALLY ADJUSTED DATA

(PERCENT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948	4.0	4.4	4.4	4.6	4.1	4.0	4.1	4.7	4.2	4.2	4.3	4.6	
1949	5.0	5.4	5.8	6.3	6.9	6.9	7.5	8.1	7.4	8.9	7.3	7.5	6.7
1950	7.4	7.3	7.2	6.6	6.3	6.0	5.7	5.1	4.9	4.6	4.7	4.7	6.0
1951	4.0	3.8	3.7	3.5	3.4	3.6	3.5	3.5	3.8	4.0	4.0	3.5	3.7
1952	3.5	3.5	3.2	3.2	3.3	3.4	3.6	4.0	3.5	3.2	3.1	2.9	3.3
1953	3.2	2.8	2.8	3.0	2.9	2.8	2.9	3.1	3.3	3.3	4.0	4.9	3.2
1954	5.3	5.7	6.3	6.5	6.6	6.3	6.3	6.8	6.8	6.4	6.0	5.7	6.0
1955	5.5	5.3	5.1	5.2	4.7	4.6	4.3	4.6	4.3	4.6	4.5	4.4	4.8
1956	4.3	4.3	4.4	4.3	4.6	4.7	4.7	4.3	4.3	4.1	4.5	4.5	4.4
1957	4.5	4.2	3.8	4.1	4.4	4.6	4.5	4.4	4.7	4.8	5.4	5.6	4.5
1958	6.2	6.8	7.2	7.9	7.9	7.7	7.8	7.8	7.4	7.0	6.4	6.5	7.2
1959	6.3	6.3	5.8	5.4	5.1	5.1	5.3	5.4	5.6	5.8	6.1	5.5	5.6
1960	5.3	4.9	5.5	5.3	5.2	5.6	5.7	5.8	5.6	6.3	6.5	7.0	5.7
1961	6.8	7.0	7.0	7.2	7.2	7.0	7.0	6.7	6.7	6.7	6.2	6.0	6.8
1962	5.8	5.4	5.4	5.5	5.5	5.4	5.4	5.6	5.6	5.4	5.7	5.5	5.5
1963	5.6	5.9	5.5	5.4	5.5	5.6	5.4	5.4	5.4	5.5	5.7	5.3	5.5

## PERCENT OF LABOR FORCE TIME LOST

SEASONALLY ADJUSTED DATA

(PERCENT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1955					5.1	4.9	4.9	5.2	5.1	5.2	5.0	5.1	
1956	4.9	4.9	5.0	5.1	5.2	5.3	5.3	5.0	4.9	4.9	5.1	5.2	5.1
1957	5.2	5.0	4.7	5.0	5.1	5.3	5.2	5.2	5.5	5.7	6.0	6.3	5.3
1958	7.1	7.9	8.3	9.2	8.8	8.3	8.5	8.5	8.3	7.9	7.0	7.4	8.1
1959	7.2	7.0	6.8	6.5	6.1	6.1	6.3	6.4	7.1	6.9	6.8	6.5	6.6
1960	6.3	6.1	6.4	6.5	6.3	6.7	6.6	6.9	6.7	7.2	7.5	8.0	6.7
1961	8.0	8.2	8.1	8.4	8.4	8.2	8.2	8.1	7.9	7.8	7.1	7.1	8.0
1962	6.9	6.6	6.7	6.7	6.6	6.6	6.7	6.8	6.8	6.6	6.8	6.6	6.7
1963	6.8	7.0	6.7	6.7	6.9	6.9	6.8	6.8	6.7	6.6	6.8	6.5	6.8
* 1963	6.6	6.6	6.3	6.4	6.5	6.6	6.4	6.3	6.2	6.2	6.3	6.2	6.4

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

# HOUSEHOLD DATA SEASONALLY ADJUSTED

## UNEMPLOYMENT RATE - MEN 20 YEARS AND OVER

SEASONALLY ADJUSTED DATA (PERCENT)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				3.5	3.3	2.9	2.9	3.2	3.3	3.3	3.3	3.5	
1949	3.8	4.2	4.6	4.8	5.6	5.6	6.1	6.2	5.9	7.9	5.9	5.9	5.4
1950	5.7	5.6	5.6	5.5	4.9	4.6	4.4	3.9	3.7	3.5	3.4	3.5	4.7
1951	3.0	2.7	2.5	2.3	2.2	2.4	2.4	2.5	2.5	2.8	2.7	2.4	2.5
1952	2.4	2.4	2.3	2.3	2.2	2.5	2.7	2.9	2.6	2.3	2.2	2.1	2.4
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	2.5
1954	4.0	4.3	4.8	5.1	5.2	5.1	5.1	5.5	5.5	5.4	4.8	4.5	4.9
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	3.8
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	3.4
1957	3.4	3.3	3.0	3.3	3.3	3.5	3.4	3.4	3.8	4.0	4.6	4.7	3.6
1958	5.2	5.8	6.1	6.7	6.8	6.9	7.0	6.9	6.4	6.1	5.7	5.6	6.2
1959	5.3	5.3	4.8	4.2	4.2	4.2	4.2	4.3	4.8	4.8	5.3	4.3	4.7
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	4.7
1961	5.8	5.9	5.8	6.0	6.3	5.9	6.0	5.8	5.7	5.4	5.2	5.0	5.7
1962	4.7	4.5	4.5	4.6	4.5	4.7	4.5	4.8	4.6	4.4	4.7	4.6	4.6
1963	4.8	4.9	4.6	4.4	4.4	4.4	4.3	4.2	4.1	4.2	4.5	4.3	4.5

## UNEMPLOYMENT RATE - WOMEN 20 YEARS AND OVER

SEASONALLY ADJUSTED DATA (PERCENT)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				3.8	3.3	3.9	3.7	4.0	3.6	3.6	3.4	3.8	
1949	3.8	4.1	3.9	4.8	5.3	5.7	6.1	6.2	5.9	5.9	5.6	5.9	5.3
1950	6.3	6.1	5.9	5.1	5.2	5.7	5.0	4.2	4.5	4.2	4.7	4.4	5.1
1951	4.2	4.1	4.4	4.1	3.9	4.0	3.6	3.4	4.1	4.2	4.1	3.8	4.0
1952	3.4	3.5	3.1	3.3	3.4	3.1	3.2	3.3	2.9	3.3	2.9	2.7	3.2
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	2.9
1954	5.2	5.3	5.9	5.9	5.9	5.8	5.8	5.7	5.9	5.1	5.3	4.7	5.5
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	4.4
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	4.2
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	4.1
1958	5.3	6.1	6.1	6.8	6.6	6.5	6.4	6.6	6.2	6.0	5.3	5.5	6.1
1959	5.7	5.6	5.5	5.2	5.0	4.8	5.0	4.8	4.9	5.3	4.9	5.1	5.2
1960	4.8	4.5	5.0	4.7	4.7	4.9	5.2	5.1	4.8	5.5	5.8	6.0	5.1
1961	5.9	6.5	6.5	6.7	6.6	6.7	6.6	6.1	6.2	6.3	5.7	5.8	6.3
1962	5.7	5.3	5.3	5.2	5.1	5.2	5.2	5.8	5.6	5.4	5.5	5.2	5.4
1963	5.4	5.5	5.2	5.3	5.4	5.4	5.3	5.7	5.5	5.5	5.6	5.3	5.4

## UNEMPLOYMENT RATE - BOTH SEXES 14-19 YEARS

SEASONALLY ADJUSTED DATA (PERCENT)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				9.5	6.3	9.0	9.1	8.8	8.5	7.8	8.6	7.7	
1949	9.3	9.6	10.5	11.8	12.2	12.2	12.5	14.0	13.5	14.5	13.2	14.1	12.2
1950	14.3	14.0	13.1	11.3	11.9	11.5	11.0	9.9	11.0	9.2	8.6	10.0	11.3
1951	7.8	7.8	7.9	7.5	6.4	8.0	7.8	7.3	7.8	7.3	8.9	7.4	7.7
1952	8.2	7.6	7.9	7.3	8.7	7.8	8.5	8.1	9.3	7.9	7.5	7.0	8.0
1953	6.6	6.3	6.2	6.6	6.2	6.5	6.4	6.7	7.2	8.8	8.0	11.3	7.1
1954	11.2	11.7	11.6	12.0	11.9	9.5	11.5	13.0	13.3	11.5	10.6	11.7	11.4
1955	11.1	10.6	10.3	9.7	9.7	9.8	9.8	10.8	10.7	10.4	10.9	10.4	10.2
1956	9.9	10.9	10.6	9.9	11.7	11.5	10.6	9.3	9.1	9.4	11.5	9.6	10.4
1957	10.9	9.6	10.5	10.6	10.8	10.9	11.0	10.7	10.4	10.2	12.5	11.5	10.8
1958	12.7	13.2	13.1	15.2	14.6	13.8	16.3	14.5	16.4	14.9	14.3	13.4	14.4
1959	13.0	11.8	12.7	13.7	12.7	12.5	13.1	14.4	13.3	14.0	13.6	14.0	13.2
1960	13.2	12.1	14.1	13.0	13.2	13.8	12.5	14.1	13.8	14.5	14.0	15.2	13.6
1961	15.7	15.2	15.4	15.2	14.9	14.9	15.3	15.5	15.9	15.4	14.5	13.6	15.2
1962	14.1	13.9	13.3	14.3	13.7	12.2	12.6	12.5	13.0	13.0	15.4	12.7	13.3
1963	14.1	15.2	15.0	15.6	17.7	15.8	16.0	14.6	15.3	15.7	17.0	14.7	15.6

## HOUSEHOLD DATA SEASONALLY ADJUSTED

### UNEMPLOYED - LESS THAN 5 WEEKS

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948	1,220	1,443	1,332	1,514	1,156	1,359	1,333	1,547	1,293	1,252	1,296	1,474	
1949	1,560	1,650	1,671	1,671	1,931	1,750	1,870	1,944	1,693	2,415	1,821	1,817	1,804
1950	1,848	1,666	1,560	1,537	1,505	1,552	1,501	1,310	1,345	1,317	1,398	1,523	1,515
1951	1,159	1,163	1,266	1,201	1,169	1,188	1,213	1,209	1,333	1,332	1,280	1,196	1,223
1952	1,097	1,221	1,207	1,188	1,241	1,238	1,252	1,324	1,192	1,092	1,049	1,082	1,183
1953	1,104	1,110	1,068	1,167	1,009	1,013	1,016	1,103	1,196	1,273	1,350	1,842	1,178
1954	1,685	1,749	1,774	1,770	1,672	1,593	1,656	1,660	1,698	1,598	1,509	1,471	1,651
1955	1,450	1,337	1,230	1,338	1,317	1,340	1,340	1,521	1,411	1,495	1,461	1,418	1,387
1956	1,393	1,362	1,554	1,412	1,592	1,601	1,549	1,436	1,411	1,378	1,549	1,534	1,485
1957	1,439	1,353	1,320	1,414	1,510	1,474	1,459	1,479	1,563	1,471	1,682	1,649	1,485
1958	1,771	1,958	1,997	1,952	1,931	1,825	1,919	1,845	1,717	1,733	1,603	1,757	1,832
1959	1,659	1,600	1,551	1,583	1,542	1,594	1,655	1,687	1,678	1,822	1,819	1,731	1,659
1960	1,704	1,458	1,733	1,808	1,808	1,838	1,767	1,825	1,797	1,837	1,829	2,183	1,798
1961	1,975	2,015	1,971	1,839	1,864	1,964	1,895	1,812	1,972	1,917	1,734	1,778	1,899
1962	1,768	1,484	1,808	1,759	1,704	1,723	1,731	1,840	1,815	1,714	1,960	1,775	1,754
1963	1,795	1,759	1,777	1,848	2,048	1,892	1,846	1,809	1,803	1,799	1,955	1,814	1,847

### UNEMPLOYED - 5 TO 14 WEEKS

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948	507	677	830	694	671	611	643	591	759	655	682	696	
1949	714	889	1,024	1,171	1,249	1,405	1,411	1,472	1,506	1,385	1,242	1,400	1,194
1950	1,255	1,333	1,328	1,126	1,013	1,090	955	952	888	753	756	725	1,055
1951	687	608	558	503	491	656	480	521	549	628	630	569	574
1952	549	541	477	480	511	481	573	584	542	550	493	406	516
1953	468	409	444	486	495	405	453	394	447	498	591	751	482
1954	961	1,080	1,082	1,183	1,220	1,138	1,044	1,233	1,414	1,136	1,069	1,013	1,116
1955	879	856	873	847	678	780	679	784	812	845	841	839	815
1956	714	773	788	825	918	964	906	785	734	740	751	790	805
1957	857	792	784	739	775	1,006	870	810	935	1,000	1,114	1,190	891
1958	1,277	1,427	1,479	1,588	1,587	1,534	1,433	1,407	1,500	1,239	1,132	1,135	1,396
1959	1,169	1,164	1,084	935	1,003	962	1,048	1,114	1,285	1,292	1,212	1,120	1,114
1960	1,042	1,030	1,107	1,000	1,077	1,181	1,183	1,288	1,224	1,288	1,390	1,466	1,176
1961	1,460	1,401	1,434	1,432	1,428	1,421	1,364	1,406	1,314	1,303	1,299	1,174	1,376
1962	1,135	1,109	998	1,114	1,131	1,105	1,153	1,269	1,202	1,176	1,112	1,174	1,134
1963	1,210	1,263	1,191	1,236	1,165	1,257	1,312	1,196	1,234	1,214	1,272	1,217	1,231

# HOUSEHOLD DATA SEASONALLY ADJUSTED

## UNEMPLOYED - 15 WEEKS AND OVER

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948	310	283	292	324	328	322	295	331	298	323	285	306	
1949	314	375	415	483	602	704	847	914	971	999	1,064	963	684
1950	946	948	913	920	890	867	769	632	648	543	511	482	782
1951	437	386	356	294	269	257	259	249	223	268	318	269	303
1952	281	248	234	243	219	209	194	210	250	229	218	237	232
1953	268	208	213	181	175	213	168	176	179	190	260	309	210
1954	372	533	766	776	878	879	931	999	1,020	1,006	977	826	812
1955	881	828	817	812	734	667	640	533	559	571	563	580	702
1956	562	546	523	477	505	516	523	541	576	529	575	566	533
1957	509	531	514	517	537	525	533	540	558	650	676	730	560
1958	881	1,007	1,129	1,388	1,490	1,675	1,790	1,881	1,793	1,712	1,574	1,490	1,452
1959	1,399	1,279	1,210	1,038	963	961	881	888	896	886	987	922	1,040
1960	919	842	958	895	794	853	910	926	983	1,201	1,232	1,146	957
1961	1,346	1,415	1,467	1,587	1,664	1,654	1,800	1,635	1,531	1,507	1,409	1,370	1,532
1962	1,256	1,242	1,167	1,115	1,106	1,091	1,026	1,065	1,102	1,048	1,063	1,078	1,119
1963	1,152	1,128	1,097	1,067	1,113	1,080	1,042	1,083	1,078	1,114	1,060	1,022	1,088

## UNEMPLOYED - 27 WEEKS AND OVER

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948	120	120	110	109	109	110	107	128	127	136	95	99	
1949	104	130	116	158	192	249	308	340	354	369	431	409	256
1950	398	405	423	469	415	423	338	298	298	280	261	217	357
1951	179	198	154	140	130	115	127	117	118	99	155	103	137
1952	104	88	87	118	83	68	67	62	64	88	67	103	84
1953	87	81	84	69	48	93	72	66	68	66	96	111	78
1954	145	152	233	278	317	317	328	419	432	455	430	392	317
1955	421	438	386	399	355	335	297	274	250	245	275	285	336
1956	251	276	242	205	201	186	206	234	242	247	237	258	232
1957	178	225	219	233	240	260	254	232	221	293	277	258	239
1958	298	349	353	512	572	707	835	962	1,016	930	824	821	667
1959	800	732	682	631	576	549	493	482	447	448	477	465	571
1960	464	431	441	431	389	400	398	409	469	571	549	548	454
1961	639	669	695	794	859	941	990	894	845	829	764	734	804
1962	669	693	637	614	621	590	563	585	532	519	435	510	585
1963	544	607	597	580	595	521	546	507	558	552	508	490	553

## UNEMPLOYED - 15 WEEKS AND OVER ( PERCENT OF CIVILIAN LABOR FORCE )

SEASONALLY ADJUSTED DATA (PERCENT)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				.5	.5	.5	.5	.5	.5	.5	.5	.5	
1949	.5	.6	.7	.8	1.0	1.1	1.4	1.5	1.6	1.6	1.7	1.5	1.1
1950	1.5	1.5	1.5	1.5	1.4	1.4	1.2	1.0	1.0	.9	.8	.8	1.2
1951	.7	.6	.6	.5	.4	.4	.4	.4	.4	.4	.5	.4	.5
1952	.4	.4	.4	.4	.3	.3	.3	.3	.4	.4	.3	.4	.4
1953	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.3
1954	.6	.8	1.2	1.2	1.4	1.4	1.5	1.5	1.6	1.6	1.5	1.3	1.3
1955	1.4	1.3	1.3	1.2	1.1	1.0	1.0	.8	.8	.9	.8	.9	1.1
1956	.8	.8	.8	.7	.7	.8	.8	.8	.9	.8	.8	.8	.8
1957	.8	.8	.8	.8	.8	.8	.8	.8	.8	1.0	1.0	1.1	.8
1958	1.3	1.5	1.7	2.0	2.2	2.4	2.6	2.7	2.6	2.5	2.3	2.2	2.1
1959	2.0	1.9	1.8	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.5
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	1.4
1961	1.9	2.0	2.0	2.2	2.3	2.3	2.5	2.3	2.1	2.1	2.0	1.9	2.1
1962	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.6
1963	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.4	1.5

# HOUSEHOLD DATA SEASONALLY ADJUSTED

## CIVILIAN LABOR FORCE - MEN 20 YEARS AND OVER

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				40,508	40,363	40,528	40,778	40,852	40,726	40,868	40,850	40,992	
1949	40,805	40,854	40,878	40,918	40,920	40,930	40,899	41,191	41,225	41,672	41,359	41,357	41,022
1950	41,129	41,116	41,174	41,365	41,417	41,372	41,304	41,548	41,452	41,198	41,057	41,002	41,316
1951	40,828	40,754	41,014	40,724	40,616	40,525	40,416	40,542	40,462	40,674	40,593	40,659	40,655
1952	40,717	40,765	40,527	40,519	40,492	40,554	40,577	40,461	40,449	40,388	40,428	40,879	40,558
1953	41,333	41,447	41,490	41,325	41,251	41,241	41,257	41,257	41,173	41,199	41,443	41,463	41,314
1954	41,489	41,708	41,449	41,754	41,674	41,589	41,589	41,864	41,998	41,840	41,753	41,641	41,669
1955	41,747	41,681	41,822	41,955	41,938	41,926	42,134	42,213	42,239	42,323	42,396	42,503	42,107
1956	42,638	42,564	42,656	42,703	42,640	42,687	42,668	42,672	42,627	42,557	42,694	42,722	42,658
1957	42,618	42,730	42,778	42,759	42,784	42,923	42,877	42,698	42,863	42,781	42,806	42,918	42,780
1958	42,833	42,802	42,811	43,023	43,211	43,193	43,297	43,327	43,314	43,317	43,133	43,083	43,092
1959	43,053	42,959	43,132	43,280	43,196	43,196	43,446	43,323	43,455	43,409	43,364	43,532	43,289
1960	43,569	43,502	43,282	43,587	43,545	43,521	43,532	43,620	43,717	43,732	43,867	43,887	43,602
1961	43,934	43,799	43,861	43,901	43,924	43,937	43,902	43,885	43,866	43,872	43,788	43,663	43,860
1962	43,620	43,748	43,733	43,698	43,864	43,829	43,700	43,984	43,991	43,934	43,939	43,907	43,831
1963	44,101	44,082	44,129	44,138	44,120	44,232	44,420	44,248	44,269	44,149	44,292	44,232	44,222

## CIVILIAN LABOR FORCE - WOMEN 20 YEARS AND OVER

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				15,614	15,185	15,892	15,920	15,613	15,754	15,529	15,585	15,721	
1949	15,565	15,753	15,693	15,738	15,898	15,958	16,222	16,195	16,057	16,228	16,324	16,239	15,978
1950	16,269	16,338	16,329	16,689	16,483	16,976	16,616	16,838	16,628	16,896	16,975	16,877	16,678
1951	16,985	16,953	17,329	17,128	17,244	17,079	17,529	17,252	17,188	17,415	17,371	17,605	17,259
1952	17,578	17,562	17,165	17,230	17,453	17,378	17,322	17,448	17,983	17,603	17,979	17,668	17,517
1953	17,940	17,768	17,919	17,701	17,412	17,762	17,794	17,575	17,607	17,804	17,569	17,373	17,674
1954	17,492	18,105	18,095	18,075	18,031	17,948	17,813	17,885	18,200	18,141	18,170	17,974	17,997
1955	18,264	18,236	18,197	18,662	18,448	18,650	18,912	19,219	19,128	19,219	19,229	19,445	18,825
1956	19,471	19,279	19,322	19,455	19,726	19,599	19,709	19,722	19,827	19,744	19,689	19,704	19,598
1957	19,608	19,899	19,811	19,650	19,704	19,811	20,099	19,825	19,942	20,005	20,010	20,168	19,872
1958	20,112	20,177	20,207	20,356	20,327	20,347	20,340	20,460	20,299	20,311	20,243	20,299	20,285
1959	20,452	20,308	20,533	20,565	20,604	20,658	20,617	20,565	20,512	20,810	20,615	20,770	20,588
1960	20,708	20,703	20,423	21,116	21,183	21,343	21,370	21,414	21,507	21,226	21,671	21,644	21,184
1961	21,628	21,832	21,876	21,616	21,727	21,953	21,667	21,569	21,398	21,704	21,594	21,557	21,664
1962	21,775	21,884	21,695	21,709	21,698	21,695	21,717	22,100	22,150	22,000	22,031	22,038	21,868
1963	22,197	22,310	22,250	22,488	22,429	22,413	22,443	22,411	22,466	22,658	22,879	22,753	22,473

## CIVILIAN LABOR FORCE - BOTH SEXES 14 -19 YEARS

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				5,429	4,970	5,452	5,392	5,233	5,235	5,108	5,113	5,279	
1949	5,227	5,333	5,452	5,187	5,198	4,868	4,889	5,038	5,212	5,128	5,200	5,139	5,107
1950	5,029	5,078	4,973	5,069	4,992	4,984	4,949	5,145	5,184	5,368	5,211	5,167	5,107
1951	5,045	4,900	5,059	4,801	4,993	4,911	5,002	5,032	5,063	4,973	4,880	4,992	4,970
1952	5,019	4,947	4,860	4,862	4,920	5,067	4,911	4,778	4,880	4,741	4,854	4,856	4,892
1953	4,991	5,187	5,140	4,971	4,690	4,888	4,823	4,766	4,742	4,630	4,725	4,681	4,826
1954	4,956	5,101	5,105	5,006	4,779	4,641	4,707	4,790	4,904	4,746	4,576	4,375	4,802
1955	4,552	4,347	4,568	4,751	4,732	4,720	4,886	5,062	5,130	5,235	5,406	5,447	4,916
1956	5,252	5,097	5,053	5,201	5,379	5,424	5,370	5,247	5,257	5,202	5,265	5,195	5,274
1957	5,111	5,236	5,386	5,253	5,298	5,349	5,400	5,209	5,280	5,291	5,271	5,392	5,294
1958	5,248	5,284	5,228	5,318	5,393	5,164	5,196	5,276	5,357	5,342	5,292	5,286	5,269
1959	5,428	5,398	5,459	5,599	5,455	5,473	5,449	5,544	5,605	5,620	5,546	5,740	5,517
1960	5,682	5,661	5,617	5,886	5,836	6,026	5,832	5,780	5,897	5,906	5,972	5,843	5,825
1961	5,944	5,955	6,138	5,875	5,878	6,227	6,113	6,249	6,063	6,077	6,265	5,985	6,079
1962	6,028	6,083	6,165	6,088	6,296	6,381	6,200	6,218	6,084	6,044	6,090	6,118	6,155
1963	6,102	6,037	6,081	6,276	6,473	6,246	6,344	6,329	6,356	6,361	6,401	6,239	6,281

# HOUSEHOLD DATA SEASONALLY ADJUSTED

## EMPLOYED - MEN 20 YEARS AND OVER

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				39,106	39,033	39,348	39,595	39,550	39,390	39,533	39,499	39,545	
1949	39,239	39,123	39,009	38,949	38,619	38,626	38,390	38,649	38,777	38,399	38,899	38,914	38,803
1950	38,786	38,824	38,851	39,095	39,377	39,471	39,494	39,919	39,899	39,737	39,673	39,575	39,395
1951	39,595	39,660	40,008	39,804	39,712	39,538	39,459	39,542	39,451	39,525	39,509	39,691	39,626
1952	39,720	39,772	39,580	39,577	39,588	39,554	39,501	39,294	39,386	39,456	39,553	40,006	39,578
1953	40,256	40,546	40,648	40,346	40,319	40,358	40,342	40,352	40,192	40,155	40,168	39,885	40,295
1954	39,829	39,894	39,462	39,613	39,501	39,476	39,472	39,582	39,702	39,583	39,745	39,763	39,634
1955	39,937	39,964	40,111	40,120	40,410	40,444	40,715	40,747	40,884	40,858	40,941	41,063	40,527
1956	41,197	41,139	41,199	41,326	41,166	41,196	41,216	41,261	41,221	41,225	41,213	41,188	41,216
1957	41,164	41,337	41,500	41,345	41,367	41,411	41,431	41,239	41,217	41,069	40,857	40,884	41,239
1958	40,617	40,336	40,180	40,129	40,253	40,208	40,273	40,334	40,531	40,667	40,688	40,666	40,411
1959	40,769	40,694	41,074	41,456	41,392	41,387	41,600	41,444	41,359	41,325	41,062	41,647	41,267
1960	41,646	41,720	41,312	41,675	41,664	41,557	41,494	41,499	41,575	41,431	41,498	41,370	41,543
1961	41,384	41,206	41,299	41,270	41,174	41,360	41,289	41,354	41,378	41,483	41,504	41,476	41,342
1962	41,572	41,780	41,752	41,678	41,878	41,781	41,719	41,893	41,955	41,985	41,883	41,878	41,815
1963	42,004	41,915	42,107	42,174	42,177	42,297	42,522	42,390	42,438	42,289	42,300	42,324	42,252

## EMPLOYED - WOMEN 20 YEARS AND OVER

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				15,025	14,681	15,271	15,332	14,994	15,180	14,971	15,050	15,123	
1949	14,977	15,109	15,075	14,977	15,056	15,051	15,229	15,194	15,105	15,267	15,404	15,287	15,137
1950	15,241	15,341	15,369	15,841	15,631	16,005	15,779	16,124	15,880	16,181	16,178	16,136	15,824
1951	16,264	16,261	16,561	16,432	16,570	16,403	16,899	16,663	16,479	16,684	16,667	16,933	16,570
1952	16,986	16,939	16,628	16,662	16,861	16,839	16,764	16,867	17,468	17,028	17,449	17,183	16,958
1953	17,465	17,323	17,399	17,245	17,001	17,319	17,342	17,109	17,057	17,252	16,975	16,599	17,164
1954	16,574	17,150	17,023	17,017	16,976	16,910	16,777	16,868	17,129	17,208	17,214	17,123	17,000
1955	17,373	17,414	17,415	17,870	17,665	17,854	18,123	18,377	18,281	18,326	18,422	18,615	18,002
1956	18,706	18,582	18,497	18,632	18,862	18,748	18,700	18,865	19,015	18,928	18,847	18,861	18,767
1957	18,757	19,117	19,066	18,938	18,898	18,973	19,262	19,020	19,114	19,161	19,083	19,287	19,051
1958	19,054	18,952	18,968	18,971	18,978	19,026	19,039	19,103	19,031	19,089	19,177	19,174	19,044
1959	19,292	19,167	19,396	19,501	19,566	19,657	19,595	19,568	19,510	19,699	19,597	19,721	19,525
1960	19,707	19,766	19,407	20,114	20,189	20,288	20,257	20,314	20,468	20,051	20,413	20,339	20,105
1961	20,350	20,423	20,455	20,172	20,285	20,477	20,235	20,256	20,066	20,326	20,359	20,315	20,296
1962	20,529	20,733	20,540	20,588	20,585	20,573	20,595	20,820	20,901	20,822	20,825	20,890	20,693
1963	21,007	21,088	21,091	21,297	21,214	21,210	21,251	21,143	21,224	21,414	21,606	21,557	21,257

## EMPLOYED - BOTH SEXES 14-19 YEARS

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				4,912	4,656	4,963	4,899	4,775	4,792	4,708	4,674	4,870	
1949	4,742	4,823	4,878	4,574	4,563	4,272	4,276	4,331	4,509	4,383	4,514	4,416	4,483
1950	4,311	4,368	4,324	4,495	4,397	4,410	4,407	4,635	4,612	4,872	4,763	4,650	4,529
1951	4,654	4,520	4,659	4,441	4,674	4,516	4,612	4,664	4,668	4,611	4,447	4,625	4,588
1952	4,607	4,572	4,475	4,505	4,491	4,673	4,494	4,389	4,424	4,366	4,489	4,514	4,498
1953	4,662	4,860	4,819	4,644	4,401	4,571	4,512	4,446	4,401	4,223	4,348	4,154	4,484
1954	4,403	4,505	4,515	4,405	4,211	4,199	4,164	4,167	4,253	4,198	4,093	3,863	4,254
1955	4,048	3,885	4,099	4,291	4,273	4,256	4,406	4,515	4,581	4,692	4,815	4,878	4,414
1956	4,733	4,541	4,517	4,687	4,751	4,799	4,803	4,759	4,780	4,715	4,661	4,696	4,723
1957	4,554	4,733	4,818	4,697	4,725	4,765	4,804	4,652	4,729	4,752	4,611	4,770	4,721
1958	4,582	4,586	4,545	4,509	4,606	4,451	4,350	4,513	4,481	4,546	4,537	4,576	4,512
1959	4,725	4,763	4,768	4,830	4,764	4,787	4,734	4,743	4,861	4,832	4,791	4,934	4,789
1960	4,932	4,978	4,823	5,122	5,068	5,197	5,101	4,966	5,084	5,052	5,134	4,953	5,034
1961	5,011	5,048	5,192	4,980	5,001	5,298	5,178	5,280	5,100	5,140	5,356	5,173	5,158
1962	5,177	5,237	5,344	5,219	5,436	5,600	5,417	5,438	5,294	5,259	5,154	5,341	5,339
1963	5,243	5,119	5,166	5,296	5,329	5,260	5,328	5,408	5,382	5,364	5,316	5,324	5,301

# HOUSEHOLD DATA SEASONALLY ADJUSTED

## NONAGRICULTURAL EMPLOYMENT - MEN 20 YEARS AND OVER

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				33,478	33,412	33,668	33,857	33,793	33,515	33,817	33,806	33,738	
1949	33,488	33,336	33,208	33,138	32,768	32,863	32,486	32,895	33,188	33,092	33,406	33,285	33,101
1950	33,394	33,421	33,418	33,681	33,886	34,055	34,067	34,560	34,506	34,323	34,351	34,354	34,004
1951	34,454	34,552	34,880	34,732	34,691	34,560	34,561	34,612	34,657	34,669	34,493	34,569	34,625
1952	34,578	34,595	34,662	34,657	34,826	34,697	34,699	34,547	34,601	34,661	34,767	35,303	34,716
1953	35,389	35,763	35,896	35,576	35,601	35,558	35,615	35,555	35,519	35,570	35,428	35,251	35,560
1954	35,176	35,021	34,646	34,886	34,748	34,791	34,763	34,939	34,905	34,902	35,235	35,091	34,925
1955	35,278	35,425	35,410	35,438	35,665	35,769	35,920	35,920	35,815	35,933	36,065	36,199	35,744
1956	36,410	36,419	36,631	36,594	36,552	36,535	36,639	36,734	36,666	36,721	36,769	36,902	36,635
1957	36,874	36,947	37,197	37,061	37,014	37,073	36,790	36,899	36,915	36,730	36,545	36,428	36,875
1958	36,272	36,111	36,006	36,005	36,081	36,136	36,139	36,119	36,438	36,531	36,541	36,566	36,252
1959	36,674	36,641	36,904	37,183	37,217	37,207	37,470	37,442	37,335	37,327	37,078	37,682	37,179
1960	37,719	37,793	37,540	37,672	37,690	37,585	37,437	37,395	37,377	37,457	37,506	37,293	37,541
1961	37,427	37,216	37,403	37,461	37,365	37,496	37,499	37,429	37,570	37,681	37,729	37,708	37,493
1962	37,710	37,916	37,948	37,906	38,138	38,144	38,160	38,339	38,377	38,456	38,296	38,458	38,159
1963	38,393	38,512	38,670	38,737	38,745	38,831	39,043	39,026	39,060	38,867	38,946	38,950	38,823

## NONAGRICULTURAL EMPLOYMENT - WOMEN 20 YEARS AND OVER

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				13,839	13,817	14,116	14,174	13,894	13,976	13,766	13,852	13,742	
1949	13,752	13,732	13,784	13,687	13,713	13,810	13,902	14,080	14,062	14,350	14,111	14,295	13,944
1950	14,261	14,369	14,361	14,726	14,581	14,838	14,737	14,944	14,954	14,998	15,053	15,241	14,756
1951	15,249	15,252	15,468	15,397	15,480	15,404	15,815	15,458	15,371	15,562	15,625	15,693	15,482
1952	15,678	15,758	15,687	15,687	15,904	15,809	15,820	15,994	16,421	16,115	16,373	16,149	15,952
1953	16,418	16,348	16,409	16,287	16,333	16,387	16,421	16,207	16,172	16,308	15,986	15,862	16,260
1954	15,707	16,017	16,050	16,125	16,082	16,013	15,862	16,022	16,101	16,285	16,356	16,396	16,088
1955	16,493	16,598	16,463	16,767	16,654	16,858	17,041	17,221	17,080	17,090	17,259	17,409	16,913
1956	17,490	17,368	17,355	17,429	17,677	17,613	17,528	17,692	17,816	17,846	17,799	17,796	17,617
1957	17,746	17,928	17,971	17,944	17,837	17,883	18,079	17,973	18,183	18,174	18,173	18,240	18,011
1958	18,105	18,046	18,082	18,022	18,019	18,092	18,134	18,145	18,177	18,183	18,256	18,278	18,125
1959	18,433	18,322	18,447	18,459	18,533	18,687	18,671	18,635	18,584	18,812	18,607	18,758	18,577
1960	18,747	18,825	18,698	19,221	19,350	19,413	19,351	19,476	19,515	19,156	19,483	19,365	19,214
1961	19,411	19,475	19,542	19,394	19,504	19,658	19,395	19,387	19,362	19,464	19,578	19,557	19,473
1962	19,727	19,794	19,720	19,801	19,801	19,741	19,783	20,010	20,120	20,016	20,051	20,136	19,887
1963	20,189	20,279	20,300	20,472	20,382	20,463	20,468	20,369	20,432	20,622	20,750	20,748	20,459

## NONAGRICULTURAL EMPLOYMENT - BOTH SEXES 14-19 YEARS

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				3,810	3,707	3,884	3,819	3,759	3,704	3,685	3,585	3,641	
1949	3,561	3,465	3,491	3,361	3,324	3,131	3,114	3,260	3,525	3,477	3,431	3,310	3,360
1950	3,350	3,385	3,297	3,377	3,330	3,369	3,444	3,581	3,648	3,705	3,673	3,648	3,489
1951	3,595	3,575	3,694	3,500	3,740	3,670	3,683	3,656	3,678	3,627	3,491	3,602	3,628
1952	3,535	3,630	3,571	3,586	3,605	3,693	3,587	3,535	3,449	3,456	3,590	3,631	3,574
1953	3,642	3,791	3,782	3,683	3,665	3,644	3,566	3,529	3,483	3,377	3,429	3,323	3,570
1954	3,621	3,600	3,656	3,563	3,380	3,330	3,264	3,285	3,278	3,257	3,271	3,171	3,380
1955	3,288	3,228	3,285	3,465	3,453	3,433	3,587	3,628	3,744	3,806	3,867	3,942	3,567
1956	3,835	3,783	3,750	3,834	3,862	3,965	3,934	3,895	3,884	3,893	3,877	4,019	3,882
1957	3,813	3,873	3,918	3,896	3,862	3,902	3,953	3,856	4,012	3,911	3,916	3,904	3,904
1958	3,729	3,801	3,793	3,713	3,801	3,689	3,609	3,735	3,737	3,766	3,787	3,826	3,744
1959	3,923	3,947	3,929	3,930	3,885	3,951	3,958	3,986	4,094	4,122	4,030	4,109	3,989
1960	4,100	4,181	4,121	4,280	4,297	4,374	4,250	4,147	4,182	4,196	4,224	4,082	4,203
1961	4,196	4,206	4,284	4,299	4,265	4,468	4,365	4,458	4,367	4,318	4,589	4,482	4,367
1962	4,462	4,469	4,585	4,540	4,724	4,867	4,677	4,672	4,542	4,535	4,523	4,646	4,611
1963	4,508	4,436	4,508	4,561	4,563	4,549	4,581	4,674	4,675	4,639	4,623	4,617	4,581

# HOUSEHOLD DATA SEASONALLY ADJUSTED

## UNEMPLOYED - MEN 20 YEARS AND OVER

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				1,402	1,330	1,180	1,183	1,302	1,336	1,335	1,351	1,447	
1949	1,566	1,731	1,869	1,969	2,301	2,304	2,509	2,542	2,448	3,273	2,440	2,443	2,219
1950	2,343	2,292	2,323	2,270	2,040	1,901	1,810	1,629	1,553	1,461	1,384	1,427	1,922
1951	1,233	1,094	1,006	920	904	987	957	1,000	1,011	1,149	1,084	968	1,029
1952	997	993	947	942	904	1,000	1,076	1,167	1,063	932	875	873	980
1953	1,077	901	842	979	932	883	915	905	981	1,044	1,275	1,578	1,019
1954	1,460	1,814	1,987	2,141	2,173	2,113	2,117	2,282	2,296	2,257	2,008	1,878	2,035
1955	1,810	1,717	1,711	1,835	1,528	1,482	1,419	1,466	1,355	1,465	1,455	1,440	1,580
1956	1,441	1,425	1,457	1,377	1,474	1,491	1,452	1,411	1,406	1,332	1,481	1,534	1,442
1957	1,454	1,393	1,278	1,414	1,417	1,512	1,446	1,459	1,646	1,712	1,949	2,034	1,541
1958	2,216	2,466	2,631	2,894	2,958	2,985	3,024	2,993	2,783	2,650	2,445	2,417	2,681
1959	2,284	2,265	2,058	1,824	1,804	1,809	1,846	1,879	2,096	2,084	2,302	1,885	2,022
1960	1,923	1,782	1,970	1,912	1,881	1,944	2,038	2,121	2,142	2,301	2,369	2,517	2,080
1961	2,550	2,593	2,562	2,631	2,750	2,577	2,613	2,531	2,488	2,389	2,284	2,187	2,518
1962	2,048	1,968	1,981	2,020	1,986	2,048	1,981	2,091	2,036	1,949	2,056	2,029	2,016
1963	2,097	2,167	2,022	1,964	1,943	1,935	1,898	1,858	1,831	1,860	1,992	1,988	1,971

## UNEMPLOYED - WOMEN 20 YEARS AND OVER

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				589	504	621	588	619	574	558	535	598	
1949	588	644	618	761	842	907	993	1,001	952	961	920	952	841
1950	1,028	997	960	848	852	971	837	714	748	715	797	741	854
1951	721	692	768	696	676	676	630	589	709	731	704	672	689
1952	592	623	537	568	592	539	558	581	515	575	530	485	559
1953	475	445	520	456	411	443	452	466	550	552	594	774	510
1954	918	955	1,072	1,058	1,055	1,038	1,036	1,017	1,071	933	956	851	997
1955	891	822	782	792	783	796	789	842	847	893	807	830	823
1956	765	697	825	823	864	851	1,009	857	812	816	842	843	832
1957	851	782	745	712	806	838	837	805	828	844	927	881	821
1958	1,058	1,225	1,239	1,385	1,349	1,321	1,301	1,357	1,268	1,222	1,066	1,125	1,242
1959	1,160	1,141	1,137	1,064	1,038	1,001	1,022	997	1,002	1,111	1,018	1,049	1,063
1960	1,001	937	1,016	1,002	994	1,055	1,113	1,100	1,039	1,175	1,258	1,307	1,080
1961	1,278	1,409	1,421	1,444	1,442	1,476	1,432	1,313	1,332	1,378	1,235	1,242	1,368
1962	1,246	1,151	1,155	1,121	1,113	1,122	1,122	1,280	1,249	1,178	1,206	1,148	1,175
1963	1,190	1,222	1,159	1,191	1,215	1,203	1,192	1,268	1,242	1,244	1,273	1,196	1,216

## UNEMPLOYED - BOTH SEXES 14-19 YEARS

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1948				517	314	489	493	458	443	400	439	409	
1949	485	510	574	613	635	596	613	707	703	745	686	723	624
1950	718	710	649	574	595	574	542	510	572	496	448	517	578
1951	391	380	400	360	319	395	390	368	395	362	433	367	382
1952	412	375	385	357	429	394	417	389	456	375	365	342	393
1953	329	327	321	327	289	317	311	320	341	407	377	527	342
1954	553	596	590	601	568	442	543	623	651	548	483	512	548
1955	504	462	469	460	459	464	480	547	549	543	591	569	502
1956	519	556	536	514	628	625	567	488	477	487	604	499	551
1957	557	503	568	556	573	584	596	557	551	539	660	622	573
1958	666	698	683	809	787	713	846	763	876	796	755	710	758
1959	703	635	691	769	691	686	715	801	744	788	755	886	728
1960	750	683	794	764	768	829	731	814	813	854	838	890	791
1961	933	907	946	895	877	929	935	969	963	937	909	812	921
1962	851	846	821	869	860	781	783	780	790	785	936	777	817
1963	859	918	915	980	1,144	986	1,016	921	974	997	1,085	915	980



# HOUSEHOLD DATA SEASONALLY ADJUSTED

## NONAGRICULTURAL WORKERS ON FULL-TIME SCHEDULES

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1955					46,837	47,658	48,317	47,707	47,500	47,721	47,978	48,320	
1956	48,551	48,565	48,620	48,405	47,904	48,242	48,270	48,978	48,389	48,615	48,670	48,824	48,511
1957	48,935	49,063	49,098	48,985	48,260	48,662	48,780	48,778	48,836	48,308	47,909	47,708	48,617
1958	47,022	46,477	46,379	46,154	46,569	46,796	46,849	47,287	47,551	47,757	47,979	47,991	47,078
1959	48,282	48,446	48,480	48,875	48,956	49,103	49,622	48,902	48,794	48,875	48,735	49,239	48,865
1960	49,634	49,653	49,225	49,661	49,803	49,649	49,785	49,456	49,656	49,618	49,390	48,892	49,542
1961	49,223	48,758	49,376	49,306	49,189	49,427	49,493	49,393	49,510	49,645	49,832	49,940	49,427
1962	50,050	50,124	50,401	50,554	50,576	50,800	50,648	50,975	50,969	50,969	50,501	50,753	50,619
1963	50,910	51,025	51,079	51,282	51,421	51,368	51,623	51,367	51,487	51,610	51,851	52,027	51,440

## NONAGRICULTURAL WORKERS ON PART TIME FOR ECONOMIC REASONS

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1955					1,806	1,757	1,915	1,882	1,865	1,837	1,870	1,883	
1956	1,845	1,874	1,673	1,845	1,993	2,090	2,030	2,111	2,140	2,037	2,013	2,010	1,968
1957	1,923	2,087	2,086	2,032	2,129	2,191	2,211	2,136	2,162	2,254	2,372	2,499	2,169
1958	3,017	3,178	3,428	3,328	3,307	3,031	2,774	2,811	2,762	2,651	2,410	2,514	2,953
1959	2,508	2,314	2,464	2,301	2,124	2,214	2,308	2,291	2,208	2,426	2,455	2,463	2,336
1960	2,282	2,375	2,185	2,531	2,413	2,593	2,562	2,568	2,764	2,745	2,842	2,957	2,559
1961	3,041	3,289	2,996	2,963	2,925	2,783	2,746	2,755	2,672	2,574	2,512	2,402	2,813
1962	2,152	2,299	2,384	2,232	2,385	2,328	2,415	2,327	2,406	2,401	2,425	2,313	2,337
1963	2,296	2,296	2,247	2,226	2,219	2,327	2,262	2,465	2,396	2,321	2,202	2,180	2,288

## NONAGRICULTURAL WORKERS ON PART TIME FOR ECONOMIC REASONS (USUALLY WORK FULL TIME)

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1955					888	989	1,002	903	908	920	934	964	
1956	954	1,035	829	992	1,138	1,103	1,134	1,191	1,139	1,130	1,136	1,112	1,067
1957	1,078	1,120	1,168	1,158	1,164	1,228	1,222	1,145	1,175	1,180	1,220	1,373	1,183
1958	1,759	1,953	2,099	1,986	1,914	1,696	1,481	1,478	1,452	1,305	1,181	1,129	1,638
1959	1,132	994	973	915	890	949	967	1,048	1,006	1,121	1,214	1,195	1,032
1960	1,023	1,041	1,000	1,152	1,170	1,341	1,266	1,254	1,391	1,420	1,431	1,497	1,243
1961	1,509	1,758	1,441	1,375	1,301	1,202	1,274	1,215	1,113	1,171	1,080	1,076	1,297
1962	886	987	1,069	992	1,115	1,044	1,091	1,091	1,130	1,065	1,123	1,016	1,049
1963	1,039	1,052	1,020	1,070	1,022	1,081	1,048	1,178	1,173	1,101	1,034	1,023	1,070

## NONAGRICULTURAL WORKERS ON PART TIME FOR ECONOMIC REASONS (USUALLY WORK PART TIME)

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1955					918	768	913	979	957	917	936	919	
1956	891	839	844	853	855	987	896	920	1,001	907	877	898	900
1957	845	967	918	874	965	963	989	991	987	1,074	1,152	1,126	986
1958	1,258	1,225	1,329	1,342	1,393	1,335	1,293	1,333	1,310	1,346	1,229	1,385	1,315
1959	1,376	1,320	1,491	1,386	1,234	1,265	1,341	1,243	1,202	1,305	1,241	1,268	1,304
1960	1,259	1,334	1,185	1,379	1,243	1,252	1,296	1,314	1,373	1,325	1,411	1,460	1,317
1961	1,552	1,531	1,555	1,588	1,624	1,581	1,472	1,540	1,559	1,403	1,432	1,326	1,516
1962	1,246	1,312	1,315	1,240	1,270	1,284	1,324	1,236	1,276	1,336	1,302	1,297	1,288
1963	1,257	1,244	1,227	1,156	1,197	1,246	1,214	1,287	1,223	1,220	1,168	1,157	1,219

## NONAGRICULTURAL WORKERS ON PART TIME FOR NONECONOMIC REASONS (USUALLY WORK PART TIME)

SEASONALLY ADJUSTED DATA (THOUSANDS)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1955					4,282	4,477	4,375	4,381	4,412	4,540	4,900	4,563	
1956	4,707	4,661	4,704	4,847	5,144	4,914	5,045	5,050	5,076	5,095	5,037	5,131	4,946
1957	5,061	5,152	5,225	5,190	5,153	5,114	5,243	5,161	5,208	5,180	5,208	5,289	5,181
1958	5,208	5,106	5,193	5,093	5,056	5,144	5,182	5,238	5,298	5,364	5,410	5,287	5,214
1959	5,541	5,519	5,476	5,534	5,519	5,672	5,478	5,486	5,325	5,821	5,503	5,922	5,569
1960	5,617	5,634	5,601	5,819	5,978	5,904	5,838	5,488	5,948	5,833	6,067	5,985	5,815
1961	5,953	6,106	6,091	5,985	6,047	6,165	6,125	6,183	6,135	6,274	6,365	6,368	6,148
1962	6,334	6,502	6,512	6,579	6,606	6,491	6,641	6,848	6,700	6,733	6,686	6,684	6,597
1963	6,703	6,597	6,677	6,647	6,776	6,820	6,894	6,859	6,960	7,099	6,870	6,827	6,888

# HOUSEHOLD DATA

**Table 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 <sup>1</sup>		Unemployed <sup>1</sup>		Percent of labor force		
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted		Seasonally adjusted
1929.....	(2)	49,440	(2)	49,180	47,630	10,450	37,180	1,550	3.2	-	(2)
1930.....	(2)	50,080	(2)	49,820	45,480	10,340	35,140	4,340	8.7	-	(2)
1931.....	(2)	50,680	(2)	50,420	42,400	10,290	32,110	8,020	15.9	-	(2)
1932.....	(2)	51,250	(2)	51,000	38,940	10,170	28,770	12,060	23.6	-	(2)
1933.....	(2)	51,840	(2)	51,590	38,760	10,090	28,670	12,830	24.9	-	(2)
1934.....	(2)	52,490	(2)	52,230	40,890	9,900	30,990	11,340	21.7	-	(2)
1935.....	(2)	53,140	(2)	52,870	42,260	10,110	32,150	10,610	20.1	-	(2)
1936.....	(2)	53,740	(2)	53,440	44,410	10,000	34,410	9,030	16.9	-	(2)
1937.....	(2)	54,320	(2)	54,000	46,300	9,820	36,480	7,700	14.3	-	(2)
1938.....	(2)	54,950	(2)	54,610	44,220	9,690	34,530	10,390	19.0	-	(2)
1939.....	(2)	55,600	(2)	55,230	45,750	9,610	36,140	9,480	17.2	-	(2)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
1948.....	108,632	62,898	57.9	61,442	59,117	7,960	51,156	2,325	3.8	-	45,733
1949.....	109,773	63,721	58.0	62,105	58,423	8,017	50,406	3,682	5.9	-	46,051
1950.....	110,929	64,749	58.4	63,099	59,748	7,497	52,251	3,351	5.3	-	46,181
1951.....	112,075	65,983	58.9	62,884	60,784	7,048	53,736	2,099	3.3	-	46,092
1952.....	113,270	66,560	58.8	62,966	61,035	6,792	54,243	1,932	3.1	-	46,710
1953 <sup>3</sup> .....	115,094	67,362	58.5	63,815	61,945	6,555	55,390	1,870	2.9	-	47,732
1954.....	116,219	67,818	58.4	64,468	60,890	6,495	54,395	3,578	5.6	-	48,401
1955.....	117,388	68,896	58.7	65,848	62,944	6,718	56,225	2,904	4.4	-	48,492
1956.....	118,734	70,387	59.3	67,530	64,708	6,572	58,135	2,822	4.2	-	48,348
1957.....	120,445	70,744	58.7	67,946	65,011	6,222	58,789	2,936	4.3	-	49,699
1958.....	121,950	71,294	58.5	68,647	63,966	5,844	58,122	4,681	6.8	-	50,666
1959.....	123,366	71,946	58.3	69,394	65,581	5,836	59,745	3,813	5.5	-	51,420
1960 <sup>4</sup> .....	125,368	73,126	58.3	70,612	66,681	5,723	60,958	3,931	5.6	-	52,242
1961.....	127,852	74,175	58.0	71,603	66,796	5,463	61,333	4,806	6.7	-	53,677
1962 <sup>5</sup> .....	130,081	74,681	57.4	71,854	67,846	5,190	62,657	4,007	5.6	-	55,400
1963.....	132,124	75,712	57.3	72,975	68,809	4,946	63,863	4,166	5.7	-	56,412
1963: January.....	131,253	73,323	55.9	70,607	65,935	4,206	61,730	4,672	6.6	5.7	57,930
February.....	131,414	73,999	56.3	71,275	66,358	4,049	62,309	4,918	6.9	5.9	57,414
March.....	131,589	74,382	56.5	71,650	67,148	4,337	62,812	4,501	6.3	5.7	57,208
April.....	131,739	74,897	56.9	72,161	68,097	4,673	63,424	4,063	5.6	5.7	56,843
May.....	131,865	75,864	57.5	73,127	69,061	5,178	63,883	4,066	5.6	5.9	56,001
June.....	132,036	77,901	59.0	75,165	70,319	5,954	64,365	4,846	6.4	5.7	54,135
July.....	132,196	77,917	58.9	75,173	70,851	5,969	64,882	4,322	5.7	5.6	54,279
August.....	132,345	77,167	58.3	74,418	70,561	5,496	65,065	3,857	5.2	5.5	55,178
September.....	132,497	75,811	57.2	73,062	69,546	5,326	64,220	3,516	4.8	5.5	56,686
October.....	132,682	76,086	57.3	73,344	69,891	5,350	64,541	3,453	4.7	5.6	56,596
November.....	132,853	76,000	57.2	73,261	69,325	4,777	64,548	3,936	5.4	5.9	56,852
December.....	133,025	75,201	56.5	72,461	68,615	4,039	64,576	3,846	5.3	5.5	57,824
1964: January.....	133,200	74,514	55.9	71,793	67,228	3,993	63,234	4,565	6.4	5.6	58,685

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

<sup>2</sup>Not available.

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

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

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

Table A-2: Employment status of the noninstitutional population, by sex

(In thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed <sup>1</sup>			Unemployed <sup>1</sup>			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
<b>MALE</b>											
1940.....	50,080	42,020	83.9	41,480	35,550	8,450	27,100	5,930	14.3	-	8,060
1944.....	51,980	46,670	89.8	45,460	35,110	7,020	28,090	350	1.0	-	5,310
1947.....	53,085	44,844	84.5	43,272	41,677	6,953	34,725	1,595	3.7	-	8,242
1948.....	53,513	45,300	84.7	43,858	42,268	6,623	35,645	1,590	3.6	-	8,213
1949.....	54,028	45,674	84.5	44,075	41,473	6,629	34,844	2,602	5.9	-	8,354
1950.....	54,526	46,069	84.5	44,442	42,162	6,271	35,891	2,280	5.1	-	8,457
1951.....	54,996	46,674	84.9	43,612	42,362	5,791	36,571	1,250	2.9	-	8,322
1952.....	55,503	47,001	84.7	43,454	42,237	5,623	36,614	1,217	2.8	-	8,502
1953 <sup>2</sup> .....	56,534	47,692	84.4	44,194	42,966	5,496	37,470	1,228	2.8	-	8,840
1954.....	57,016	47,847	83.9	44,537	42,165	5,429	36,736	2,372	5.3	-	9,169
1955.....	57,484	48,054	83.6	45,041	43,152	5,479	37,673	1,889	4.2	-	9,430
1956.....	58,044	48,579	83.7	45,756	43,999	5,268	38,731	1,757	3.8	-	9,465
1957.....	58,813	48,649	82.7	45,882	43,990	5,037	38,952	1,893	4.1	-	10,164
1958.....	59,478	48,802	82.1	46,197	43,042	4,802	38,240	3,155	6.8	-	10,677
1959.....	60,100	49,081	81.7	46,562	44,089	4,749	39,340	2,473	5.3	-	11,019
1960 <sup>3</sup> .....	61,000	49,507	81.2	47,025	44,485	4,678	39,807	2,541	4.1	-	11,493
1961.....	62,147	49,918	80.3	47,378	44,318	4,508	39,811	3,060	6.5	-	12,229
1962 <sup>4</sup> .....	63,234	50,175	79.3	47,380	44,892	4,266	40,626	2,488	5.3	-	13,059
1963.....	64,163	50,573	78.8	47,867	45,330	4,021	41,309	2,537	5.3	-	13,590
1963: January.....	63,776	49,269	77.3	46,585	43,505	3,666	39,839	3,080	6.6	5.4	14,507
February.....	63,846	49,508	77.5	46,816	43,523	3,529	39,994	3,293	7.0	5.7	14,339
March.....	63,926	49,675	77.7	46,975	43,962	3,711	40,251	3,013	6.4	5.4	14,251
April.....	63,991	50,010	78.2	47,306	44,706	3,945	40,762	2,600	5.5	5.3	13,980
May.....	64,053	50,483	78.8	47,778	45,345	4,140	41,205	2,434	5.1	5.5	13,570
June.....	64,130	52,204	81.4	49,500	46,722	4,644	42,078	2,779	5.6	5.2	11,926
July.....	64,197	52,477	81.7	49,765	47,249	4,711	42,538	2,516	5.1	5.2	11,721
August.....	64,259	52,060	81.0	49,342	47,118	4,385	42,733	2,224	4.5	5.0	12,199
September.....	64,322	50,602	78.7	47,884	45,983	4,103	41,880	1,902	4.0	5.0	13,719
October.....	64,407	50,368	78.2	47,657	45,784	4,139	41,644	1,874	3.9	5.0	14,039
November.....	64,484	50,285	78.0	47,577	45,324	3,836	41,488	2,253	4.7	5.5	14,199
December.....	64,562	49,924	77.3	47,215	44,739	3,445	41,294	2,477	5.2	5.1	14,637
1964: January.....	64,639	49,731	76.9	47,041	44,160	3,474	40,686	2,881	6.1	5.1	14,908
<b>FEMALE</b>											
1940.....	50,300	14,160	28.2	14,160	11,970	1,090	10,880	2,190	15.5	-	36,140
1944.....	52,650	19,370	36.8	19,170	18,850	1,930	16,920	320	1.7	-	33,280
1947.....	54,523	16,915	31.0	16,896	16,349	1,314	15,036	547	3.2	-	37,608
1948.....	55,118	17,599	31.9	17,583	16,848	1,338	15,510	735	4.1	-	37,520
1949.....	55,745	18,048	32.4	18,030	16,947	1,386	15,561	1,083	6.0	-	37,697
1950.....	56,404	18,680	33.1	18,657	17,584	1,226	16,358	1,073	5.8	-	37,724
1951.....	57,078	19,309	33.8	19,272	18,421	1,257	17,164	851	4.4	-	37,770
1952.....	57,766	19,558	33.9	19,513	18,798	1,170	17,628	715	3.7	-	38,208
1953 <sup>2</sup> .....	58,561	19,668	33.6	19,621	18,979	1,061	17,918	642	3.3	-	38,893
1954.....	59,203	19,971	33.7	19,931	18,724	1,067	17,657	1,207	6.1	-	39,232
1955.....	59,904	20,842	34.8	20,806	19,790	1,239	18,551	1,016	4.9	-	39,062
1956.....	60,690	21,808	35.9	21,774	20,707	1,306	19,401	1,067	4.9	-	38,883
1957.....	61,632	22,097	35.9	22,064	21,021	1,184	19,837	1,043	4.7	-	39,535
1958.....	62,472	22,482	36.0	22,451	20,924	1,042	19,882	1,526	6.8	-	39,990
1959.....	63,265	22,865	36.1	22,832	21,492	1,087	20,405	1,340	5.9	-	40,401
1960 <sup>3</sup> .....	64,368	23,619	36.7	23,587	22,196	1,045	21,151	1,390	5.9	-	40,749
1961.....	65,705	24,257	36.9	24,225	22,478	955	21,523	1,747	7.2	-	41,448
1962.....	66,848	24,507	36.7	24,474	22,954	924	22,031	1,519	6.2	-	42,341
1963.....	67,962	25,141	37.0	25,109	23,479	925	22,554	1,629	6.5	-	42,822
1963: January.....	67,478	24,054	35.6	24,022	22,430	540	21,890	1,592	6.6	6.4	43,424
February.....	67,567	24,492	36.2	24,460	22,835	520	22,315	1,625	6.6	6.5	43,076
March.....	67,663	24,707	36.5	24,675	23,186	625	22,560	1,489	6.0	6.1	42,957
April.....	67,749	24,886	36.7	24,854	23,391	788	22,663	1,463	5.9	6.3	42,863
May.....	67,812	25,381	37.4	25,349	23,717	1,038	22,679	1,632	6.4	6.6	42,431
June.....	67,906	25,697	37.8	25,665	23,598	1,310	22,287	2,067	8.1	6.5	42,209
July.....	67,999	25,440	37.4	25,408	23,602	1,258	22,344	1,806	7.1	6.4	42,559
August.....	68,087	25,108	36.9	25,076	23,443	1,111	22,332	1,633	6.5	6.6	42,979
September.....	68,175	25,209	37.0	25,178	23,563	1,223	22,340	1,615	6.4	6.6	42,967
October.....	68,275	25,718	37.7	25,687	24,107	1,210	22,897	1,580	6.2	6.8	42,557
November.....	68,368	25,715	37.6	25,684	24,001	940	23,061	1,682	6.6	6.8	42,654
December.....	68,463	25,277	36.9	25,246	23,877	594	23,282	1,369	5.4	6.3	43,186
1964: January.....	68,560	24,783	36.1	24,752	23,068	520	22,548	1,684	6.8	6.5	43,777

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

## HOUSEHOLD DATA

Table A-3: Employment status of the noninstitutional population, by sex

Employment status	(In thousands)								
	Total			Male			Female		
	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
Total	133,200	133,025	131,253	64,639	64,562	63,776	68,560	68,463	67,478
Total labor force	74,514	75,201	73,323	49,731	49,924	49,269	24,783	25,277	24,054
Civilian labor force	71,793	72,461	70,607	47,041	47,215	46,585	24,752	25,246	24,022
Employed	67,228	68,615	65,935	44,160	44,739	43,505	23,068	23,877	22,430
Agriculture	3,993	4,039	4,206	3,474	3,445	3,666	520	594	540
Nonagricultural industries	63,234	64,576	61,730	40,686	41,294	39,839	22,548	23,282	21,890
Unemployed	4,565	3,846	4,672	2,881	2,477	3,080	1,684	1,369	1,592
Looking for full-time work	3,936	3,216	4,237	2,576	2,147	2,836	1,360	1,069	1,401
Looking for part-time work	629	630	438	305	330	245	324	300	193
Not in labor force	58,685	57,824	57,930	14,908	14,637	14,507	43,777	43,186	43,424

Table A-4: Unemployed persons, by age and sex

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
Total	4,565	3,846	4,672	6.4	5.3	6.6	100.0	100.0	100.0
Male	2,881	2,477	3,080	6.1	5.2	6.6	63.1	64.4	65.9
14 to 19 years	475	455	417	16.0	14.6	14.7	10.4	11.8	8.9
14 and 15 years	33	41	31	6.5	8.1	6.0	.7	1.1	.7
16 to 19 years	442	414	386	17.9	15.9	16.6	9.7	10.8	8.3
20 to 24 years	497	402	478	11.1	8.9	11.2	10.9	10.5	10.2
25 to 34 years	552	466	635	5.6	4.7	6.4	12.1	12.1	13.6
35 to 44 years	440	425	503	3.9	3.8	4.5	9.6	11.1	10.8
45 to 54 years	460	319	554	4.7	3.2	5.7	10.1	8.3	11.9
55 to 64 years	372	326	382	5.6	4.9	5.8	8.1	8.5	8.2
65 years and over	85	85	110	4.3	4.3	5.4	1.9	2.2	2.4
Female	1,684	1,369	1,592	6.8	5.4	6.6	36.9	35.6	34.1
14 to 19 years	309	296	292	13.5	11.7	13.2	6.8	7.7	6.2
14 and 15 years	14	18	13	4.7	4.8	4.3	.3	.5	.3
16 to 19 years	295	278	278	14.9	12.9	14.6	6.5	7.2	6.0
20 to 24 years	296	210	247	9.7	6.9	8.7	6.5	5.5	5.3
25 to 34 years	284	248	289	7.0	5.9	7.3	6.2	6.4	6.2
35 to 44 years	349	269	343	6.4	4.8	6.2	7.6	7.0	7.3
45 to 54 years	270	193	267	4.8	3.4	5.0	5.9	5.0	5.7
55 to 64 years	147	120	113	4.4	3.6	3.5	3.2	3.1	2.4
65 years and over	29	32	41	3.2	3.5	4.9	.6	.8	.9

Table A-5: Unemployed persons, by industry of last job

Industry	Unemployment rate			Percent distribution		
	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
Total	6.4	5.3	6.6	100.0	100.0	100.0
Experienced wage and salary workers	6.4	5.2	6.8	87.1	84.8	88.4
Agriculture	15.9	11.1	14.4	5.1	4.1	4.9
Nonagricultural industries	6.2	5.1	6.6	82.0	80.7	83.6
Mining, forestry, fisheries	9.9	6.7	12.4	1.4	1.1	1.7
Construction	17.5	13.2	19.7	14.5	13.5	16.4
Manufacturing	6.6	5.6	6.5	27.3	27.3	25.4
Durable goods	6.2	5.0	6.1	14.4	14.0	13.4
Nondurable goods	7.2	6.3	7.1	12.9	13.3	12.0
Transportation and public utilities	4.3	4.2	5.1	4.4	5.1	5.0
Wholesale and retail trade	7.1	5.2	7.5	17.0	15.7	17.8
Finance, insurance, and real estate	2.7	2.6	2.8	1.8	2.0	1.7
Service industries	4.1	3.6	4.5	13.4	13.5	13.8
Public administration	2.8	2.6	2.4	2.2	2.5	1.8
Self-employed and unpaid family workers	1.8	1.4	1.7	3.8	3.4	3.6
No previous work experience	-	-	-	9.1	11.8	8.0
14 to 19 years	-	-	-	6.3	9.1	5.4
20 years and over	-	-	-	2.8	2.8	2.5

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

Occupation	Unemployment rate			Percent distribution		
	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
Total	6.4	5.3	6.6	100.0	100.0	100.0
White-collar workers	3.0	2.4	3.0	20.7	20.3	19.9
Professional and technical	1.9	1.4	1.9	3.6	3.2	3.4
Managers, officials, and proprietors	1.9	1.4	1.3	3.2	2.7	2.1
Clerical workers	4.0	3.8	4.0	9.4	10.6	9.0
Sales workers	4.7	3.0	5.7	4.4	3.8	5.4
Blue-collar workers	9.0	7.4	9.8	52.2	51.1	54.9
Craftsmen and foremen	6.2	5.8	8.0	12.4	14.0	15.7
Operatives	9.1	7.0	9.0	27.0	24.7	25.4
Nonfarm laborers	15.8	12.7	17.8	12.8	12.4	13.8
Service workers	6.6	5.4	6.4	13.4	13.2	12.6
Private household workers	5.7	4.3	5.0	3.0	2.7	2.6
Other service workers	6.9	5.8	6.8	10.5	10.5	10.0
Farm workers	5.3	3.6	5.1	4.6	3.6	4.6
Farmers and farm managers	.8	.4	1.1	.4	.2	.6
Farm laborers and foremen	11.2	7.8	10.4	4.2	3.3	4.0
No previous work experience	-	-	-	9.1	11.8	8.0

Table A-7: Unemployed persons, by color, marital status, and household relationship

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
<b>COLOR</b>									
Total	4,565	3,846	4,672	6.4	5.3	6.6	100.0	100.0	100.0
White, total	3,608	3,053	3,677	5.6	4.7	5.9	79.0	79.4	78.7
Male	2,313	2,010	2,464	5.5	4.7	5.9	50.7	52.3	52.7
Female	1,295	1,044	1,213	6.0	4.7	5.8	28.4	27.1	26.0
Nonwhite, total	958	793	995	12.2	10.0	12.7	21.0	20.6	21.3
Male	569	467	616	12.2	10.0	13.2	12.5	12.1	13.2
Female	389	325	379	12.2	10.1	12.1	8.5	8.5	8.1
<b>MARITAL STATUS</b>									
Total	4,565	3,846	4,672	6.4	5.3	6.6	100.0	100.0	100.0
Male	2,881	2,477	3,080	6.1	5.2	6.6	63.1	64.4	65.9
Married, wife present	1,542	1,330	1,788	4.2	3.6	4.9	33.8	34.6	38.3
Single	1,073	926	989	13.7	11.7	12.8	23.5	24.1	21.2
14 to 19 years	458	437	398	16.4	15.0	14.9	10.0	11.4	8.5
20 years and over	614	489	592	12.2	9.8	11.8	13.4	12.7	12.7
Other marital status	267	221	302	10.9	9.1	12.5	5.8	5.7	6.5
Female	1,684	1,369	1,592	6.8	5.4	6.6	36.9	35.6	34.1
Married, husband present	866	645	818	6.2	4.6	6.1	19.0	16.8	17.5
Single	443	404	375	7.8	6.8	6.9	9.7	10.5	8.0
14 to 19 years	252	256	227	12.8	11.5	11.8	5.5	6.7	4.9
20 years and over	191	148	148	5.2	4.0	4.2	4.2	3.8	3.2
Other marital status	376	321	399	7.3	6.1	7.7	8.2	8.3	8.5
<b>HOUSEHOLD RELATIONSHIP</b>									
Total	4,565	3,846	4,672	6.4	5.3	6.6	100.0	100.0	100.0
Household head	2,014	1,689	2,195	4.5	3.8	5.0	44.1	43.9	47.0
Living with relatives	1,710	1,431	1,923	4.3	3.6	4.9	37.5	37.2	41.2
Not living with relatives	304	259	272	6.0	5.0	5.8	6.7	6.7	5.8
Wife of head	839	621	791	6.1	4.5	6.1	18.4	16.1	16.9
Other relative of head	1,589	1,452	1,542	13.1	11.6	13.3	34.8	37.8	33.0
Non-relative of head	123	83	141	8.0	5.5	9.0	2.7	2.2	3.0

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**Table A-8: Unemployed persons, by duration of unemployment**

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963		Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
<b>Total</b> .....	<b>4,565</b>	<b>3,846</b>	<b>4,672</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>Total</b> .....	<b>4,565</b>	<b>3,846</b>	<b>4,672</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than 5 weeks .....	2,069	1,734	1,996	45.3	45.1	42.7	Persons on temporary layoff .....	178	93	217	3.9	2.4	4.6
5 to 14 weeks .....	1,390	1,183	1,523	30.4	30.8	32.6							
5 and 6 weeks .....	384	379	482	8.4	9.9	10.3							
7 to 10 weeks .....	604	480	680	13.2	12.5	14.6							
11 to 14 weeks .....	402	324	361	8.8	8.4	7.7							
15 weeks and over .....	1,106	928	1,153	24.2	24.1	24.7	Persons scheduled to begin new jobs within 30 days.	116	149	96	2.5	3.9	2.1
15 to 26 weeks .....	605	492	612	13.3	12.8	13.1							
27 weeks and over .....	501	436	541	11.0	11.3	11.6							
Average (mean) duration, ..	12.8	13.3	13.1	-	-	-	All other unemployed ...	4,271	3,604	4,359	93.6	93.7	93.3

**Table A-9: Long-term unemployed, by industry and occupation of last job**

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	Jan. 1964	Jan. 1963	Jan. 1964	Jan. 1963	Jan. 1964	Jan. 1963	Jan. 1964	Jan. 1963	
<b>INDUSTRY</b>									
<b>Total</b> .....	<b>24.2</b>	<b>24.7</b>	<b>100.0</b>	<b>100.0</b>	<b>11.0</b>	<b>11.6</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Experienced wage and salary workers .....	22.7	23.6	81.6	84.7	10.4	10.6	82.0	80.4	85.9
Agriculture .....	14.2	14.8	3.0	2.9	6.9	3.1	3.2	1.3	2.0
Nonagricultural industries .....	23.2	24.1	78.6	81.7	10.6	11.0	78.8	79.1	83.9
Mining, forestry, fisheries .....	(1)	(1)	1.4	1.9	(1)	(1)	2.6	3.7	.9
Construction .....	12.7	16.9	7.6	11.2	5.6	5.8	7.4	8.1	5.3
Manufacturing .....	27.5	29.3	31.0	30.2	13.3	13.2	33.1	28.8	26.3
Durable goods .....	31.0	33.9	18.4	18.3	15.3	15.2	20.2	17.6	14.8
Nondurable goods .....	23.6	24.4	12.6	11.9	11.0	10.9	13.0	11.3	11.5
Transportation and public utilities .....	25.5	28.3	4.6	5.7	16.0	15.9	6.4	6.8	6.5
Wholesale and retail trade .....	23.3	23.6	16.3	17.0	8.5	11.0	13.2	16.8	15.1
Finance, insurance, and real estate, and service industries ..	23.7	21.7	14.8	13.6	9.8	9.7	13.6	12.9	24.7
Public administration .....	31.7	(1)	2.9	2.2	12.9	(1)	2.6	1.8	5.1
Self-employed and unpaid family workers .....	34.3	23.4	5.4	3.4	12.0	6.0	4.2	1.8	13.5
No previous work experience .....	34.6	37.0	13.0	12.0	16.6	25.7	13.8	17.7	.6
<b>OCCUPATION</b>									
<b>Total</b> .....	<b>24.2</b>	<b>24.7</b>	<b>100.0</b>	<b>100.0</b>	<b>11.0</b>	<b>11.6</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White-collar workers .....	26.3	24.1	22.4	19.5	11.1	11.8	20.9	20.4	44.2
Professional and technical .....	28.0	28.7	4.2	3.9	7.3	18.5	2.4	5.4	12.3
Managers, officials, and proprietors .....	28.3	24.0	3.7	2.1	15.2	16.0	4.4	3.0	10.6
Clerical workers .....	30.9	25.7	12.0	9.4	12.8	11.6	11.0	9.0	15.2
Sales workers .....	13.8	18.7	2.5	4.1	7.9	6.4	3.2	3.0	6.1
Blue-collar workers .....	21.6	23.7	46.5	52.6	10.0	10.5	47.4	49.8	36.7
Craftsmen and foremen .....	21.0	21.3	10.7	13.5	10.2	8.9	11.6	12.0	12.8
Operatives .....	22.6	25.3	25.1	26.1	11.1	12.4	27.3	27.3	18.8
Nonfarm laborers .....	20.1	23.3	10.7	13.0	7.3	8.9	8.6	10.5	5.2
Service workers .....	26.7	23.8	14.8	12.2	12.7	9.5	15.5	10.3	13.0
Private household workers .....	19.9	12.2	2.4	1.3	9.6	10.6	2.6	2.4	3.3
Other service workers .....	28.7	26.9	12.4	10.9	13.6	9.2	12.9	7.9	9.7
Farm workers .....	17.3	20.2	3.3	3.8	5.8	4.7	2.4	1.8	5.5
Farmers and farm managers .....	(1)	(1)	.6	1.0	-	(1)	-	.9	3.1
Farm laborers and foremen .....	15.2	17.2	2.6	2.8	6.3	2.7	2.4	.9	2.4
No previous work experience .....	34.6	37.0	13.0	12.0	16.6	25.7	13.8	17.7	.6

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

# HOUSEHOLD DATA

Table A-10: Long-term unemployed, by sex, age, color, and marital status

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	Jan. 1964	Jan. 1963	Jan. 1964	Jan. 1963	Jan. 1964	Jan. 1963	Jan. 1964	Jan. 1963	
<b>AGE</b>									
Total	24.2	24.7	100.0	100.0	11.0	11.6	100.0	100.0	100.0
Male	23.7	25.8	61.8	69.0	11.6	12.9	66.3	73.1	65.5
14 to 19 years	24.6	28.1	10.6	10.1	8.8	13.4	8.4	10.3	4.1
20 to 24 years	15.7	19.5	7.0	8.1	5.6	8.2	5.6	7.2	6.3
25 to 44 years	19.2	21.4	17.1	21.2	8.9	8.6	17.5	18.0	29.3
45 years and over	32.7	32.6	27.1	29.6	19.1	19.5	34.9	37.6	25.9
Female	25.1	22.4	38.2	31.0	10.0	9.1	33.7	26.9	34.5
14 to 19 years	25.6	16.4	7.1	4.2	7.4	8.6	4.6	4.6	3.2
20 to 24 years	22.3	17.0	6.0	3.6	10.8	5.7	6.4	2.6	4.2
25 to 44 years	22.7	25.5	13.0	14.0	8.4	11.9	10.6	13.8	13.3
45 years and over	30.0	25.4	12.1	9.3	13.6	7.6	12.2	5.9	13.7
<b>COLOR</b>									
Total	24.2	24.7	100.0	100.0	11.0	11.6	100.0	100.0	100.0
White, total	24.1	23.9	78.5	76.1	10.5	10.9	75.6	74.1	89.1
Male	23.6	23.9	49.4	51.2	11.5	12.0	52.9	54.5	59.0
Female	24.9	23.7	29.1	25.0	8.8	8.7	22.8	19.6	30.0
Nonwhite, total	24.8	27.6	21.5	23.9	12.7	14.1	24.4	25.9	10.9
Male	24.3	33.4	12.5	17.9	12.0	16.4	13.6	18.7	6.5
Female	25.7	18.2	9.0	6.0	13.9	10.3	10.8	7.2	4.4
<b>MARITAL STATUS</b>									
Total	24.2	24.7	100.0	100.0	11.0	11.6	100.0	100.0	100.0
Male	23.7	25.8	61.8	69.0	11.6	12.9	66.3	73.1	65.5
Married, wife present	23.0	24.8	32.1	38.5	11.0	12.2	33.7	40.2	51.2
Single	22.3	27.5	21.5	23.6	8.9	13.3	19.1	24.4	10.9
14 to 19 years	25.3	28.6	10.5	9.9	9.2	14.1	8.4	10.3	3.9
20 years and over	19.9	26.9	11.0	13.8	8.8	12.8	10.8	14.0	7.0
Other marital status	34.1	26.5	8.2	6.9	25.5	15.2	13.5	8.5	3.4
Female	25.1	22.4	38.2	31.0	10.0	9.1	33.7	26.9	34.5
Married, husband present	25.9	24.0	20.3	17.0	10.5	7.5	18.1	11.3	19.5
Single	27.3	19.5	10.9	6.3	9.9	10.9	8.8	7.7	7.9
14 to 19 years	26.2	15.4	6.0	3.0	9.1	9.3	4.6	3.9	2.7
20 years and over	28.8	25.7	5.0	3.3	11.0	14.2	4.2	3.9	5.1
Other marital status	20.5	22.1	7.0	7.6	9.1	10.8	6.8	7.9	7.1

Table A-11: Unemployed persons looking for full- or part-time work, by age, sex, and occupation of last job

Age and sex	Percent distribution		Looking for part-time work as a percent of unemployed in each group		Occupation	Percent distribution		Looking for part-time work as a percent of unemployed in each group	
	Looking for full- time work	Looking for part- time work				Looking for full- time work	Looking for part- time work		
	Jan. 1964	Jan. 1963	Jan. 1964	Dec. 1963		Jan. 1964	Jan. 1963	Jan. 1964	Dec. 1963
Total	100.0	100.0	13.8	16.4	Total	100.0	100.0	13.8	16.4
Male	65.4	48.7	10.6	13.3	White-collar workers	20.1	24.0	16.1	16.3
14 to 19 years	7.0	31.7	41.9	48.9	Professional and technical	3.3	5.4	20.7	11.3
Major activity:					Managers, officials, and proprietors	3.6	.5	2.1	6.7
Going to school	.2	31.7	95.7	92.2	Clerical workers	9.1	11.5	16.7	18.4
All other	6.8	-	-	3.6	Sales workers	4.1	6.7	20.7	20.5
20 to 24 years	11.8	5.5	7.0	10.0	Blue-collar workers	56.8	23.9	6.2	6.6
25 to 34 years	36.4	3.3	1.4	.8	Craftsmen and foremen	13.7	4.3	4.8	5.0
35 years and over	10.3	8.1	11.2	14.3	Operatives	29.7	9.9	5.0	6.2
Female	34.6	51.3	19.2	21.9	Nonfarm laborers	13.4	9.7	10.4	9.2
14 to 19 years	5.1	17.1	35.0	46.4	Service workers	12.9	16.9	17.3	21.8
Major activity:					Private household workers	2.4	6.7	30.9	39.4
Going to school	.4	15.5	86.0	94.7	Other service workers	10.5	10.2	13.4	17.0
All other	4.7	1.6	5.1	7.9	Farm workers	4.3	5.7	17.3	21.9
20 to 24 years	6.5	6.3	13.5	13.8	Farmers and farm managers	.3	.6	(1)	(1)
25 to 34 years	19.2	23.1	16.2	13.9	Farm laborers and foremen	4.0	5.1	16.8	21.9
35 years and over	3.7	4.8	17.0	22.9	No previous work experience	5.8	29.5	44.5	51.7

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

# HOUSEHOLD DATA

**Table A-12: Total labor force, by age and sex**

Age and sex	Thousands of persons			Labor force participation rate		
	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
	<b>Total</b> . . . . .	74,514	75,201	73,323	55.9	56.5
<b>Male</b> . . . . .	49,731	49,924	49,269	76.9	77.3	77.3
14 to 19 years . . . . .	3,467	3,610	3,336	35.7	37.3	35.5
14 and 15 years . . . . .	500	503	510	14.2	14.3	14.2
16 and 17 years . . . . .	1,162	1,218	1,031	33.9	35.8	34.4
18 and 19 years . . . . .	1,805	1,889	1,795	65.3	68.3	64.0
20 to 24 years . . . . .	5,442	5,456	5,216	85.7	86.3	86.2
25 to 34 years . . . . .	10,590	10,620	10,626	97.1	97.4	97.0
35 to 44 years . . . . .	11,571	11,587	11,584	97.4	97.6	97.6
45 to 54 years . . . . .	9,974	9,965	9,857	95.6	95.6	95.7
55 to 64 years . . . . .	6,698	6,723	6,595	85.6	86.0	85.8
55 to 59 years . . . . .	3,889	3,875	3,831	91.1	90.8	91.1
60 to 64 years . . . . .	2,809	2,848	2,764	79.1	80.3	79.4
65 years and over . . . . .	1,990	1,964	2,056	26.4	26.0	27.3
<b>Female</b> . . . . .	24,783	25,277	24,054	36.1	36.9	35.6
14 to 19 years . . . . .	2,288	2,539	2,215	24.1	26.8	24.1
14 and 15 years . . . . .	304	381	302	8.9	11.2	8.7
16 and 17 years . . . . .	748	855	621	22.3	25.7	21.2
18 and 19 years . . . . .	1,236	1,303	1,292	45.2	47.7	46.8
20 to 24 years . . . . .	3,059	3,056	2,867	47.9	48.0	47.1
25 to 34 years . . . . .	4,077	4,211	3,981	36.3	37.5	35.3
35 to 44 years . . . . .	5,494	5,561	5,522	44.0	44.5	44.3
45 to 54 years . . . . .	5,629	5,646	5,373	51.3	51.5	49.8
55 to 64 years . . . . .	3,336	3,344	3,253	39.3	39.4	39.1
55 to 59 years . . . . .	2,093	2,061	2,029	45.9	45.3	45.4
60 to 64 years . . . . .	1,243	1,283	1,224	31.6	32.7	31.8
65 years and over . . . . .	898	919	841	9.5	9.7	9.0

**Table A-13: Employed persons, by age and sex**

Age and sex	(In thousands)					
	Male			Female		
	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
<b>All industries</b> . . . . .	44,160	44,739	43,505	23,068	23,877	22,430
14 to 19 years . . . . .	2,495	2,654	2,423	1,972	2,236	1,917
20 to 24 years . . . . .	4,001	4,104	3,796	2,753	2,836	2,609
25 to 34 years . . . . .	9,281	9,393	9,237	3,787	3,956	3,685
35 to 44 years . . . . .	10,730	10,757	10,679	5,142	5,287	5,175
45 to 54 years . . . . .	9,427	9,559	9,215	5,357	5,451	5,104
55 to 64 years . . . . .	6,321	6,392	6,209	3,190	3,223	3,140
65 years and over . . . . .	1,904	1,878	1,945	868	887	799
<b>Nonagricultural industries</b> . . . . .	40,686	41,294	39,839	22,548	23,282	21,890
14 to 19 years . . . . .	2,152	2,344	2,061	1,928	2,162	1,884
20 to 24 years . . . . .	3,760	3,878	3,553	2,733	2,812	2,574
25 to 34 years . . . . .	8,822	8,898	8,716	3,714	3,890	3,606
35 to 44 years . . . . .	10,118	10,109	9,977	5,021	5,169	5,055
45 to 54 years . . . . .	8,722	8,869	8,491	5,235	5,303	4,968
55 to 64 years . . . . .	5,633	5,712	5,516	3,093	3,101	3,039
65 years and over . . . . .	1,479	1,484	1,525	823	846	764
<b>Agriculture</b> . . . . .	3,474	3,445	3,666	520	594	540
14 to 19 years . . . . .	343	310	362	44	75	33
20 to 24 years . . . . .	241	226	243	19	24	35
25 to 34 years . . . . .	461	494	521	74	66	79
35 to 44 years . . . . .	612	648	702	120	118	120
45 to 54 years . . . . .	705	690	724	121	148	136
55 to 64 years . . . . .	688	681	693	96	123	101
65 years and over . . . . .	425	394	420	45	41	35

**Table A-14: Employed persons, by class of worker and occupation**

Characteristics	(In thousands)								
	Total			Male			Female		
	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
<b>CLASS OF WORKER</b>									
<b>Total</b> . . . . .	67,228	68,615	65,935	44,160	44,739	43,505	23,068	23,877	22,430
Nonagricultural industries . . . . .	63,234	64,576	61,730	40,686	41,294	39,839	22,548	23,282	21,890
Wage and salary workers . . . . .	56,500	57,798	55,153	35,808	36,427	35,059	20,692	21,371	20,094
Private household workers . . . . .	2,439	2,489	2,457	269	234	189	2,190	2,255	2,268
Government workers . . . . .	9,397	9,393	9,091	5,497	5,449	5,394	3,900	3,945	3,696
Other wage and salary workers . . . . .	44,664	45,916	43,605	30,062	30,744	29,476	14,602	15,171	14,130
Self-employed workers . . . . .	6,180	6,245	6,006	4,821	4,814	4,729	1,360	1,430	1,277
Unpaid family workers . . . . .	554	533	574	57	52	55	497	481	519
Agriculture . . . . .	3,993	4,039	4,206	3,474	3,445	3,666	520	594	540
Wage and salary workers . . . . .	1,226	1,264	1,356	1,112	1,102	1,222	114	162	134
Self-employed workers . . . . .	2,259	2,258	2,318	2,151	2,143	2,213	108	115	106
Unpaid family workers . . . . .	508	517	529	211	200	229	298	317	300
<b>OCCUPATION</b>									
<b>Total</b> . . . . .	67,228	68,615	65,935	44,160	44,739	43,505	23,068	23,877	22,430
White-collar workers . . . . .	30,788	31,283	29,806	17,469	17,644	17,135	13,321	13,641	12,671
Professional and technical . . . . .	8,678	8,763	8,298	5,438	5,523	5,257	3,242	3,240	3,040
Managers, officials, and proprietors . . . . .	7,473	7,506	7,363	6,360	6,371	6,252	1,114	1,136	1,112
Clerical workers . . . . .	10,474	10,361	10,001	3,153	3,026	3,066	7,321	7,336	6,935
Sales workers . . . . .	4,163	4,653	4,144	2,518	2,724	2,560	1,644	1,929	1,584
Blue-collar workers . . . . .	23,991	24,717	23,491	20,339	20,803	19,806	3,650	3,912	3,686
Craftsmen and foremen . . . . .	8,604	8,809	8,475	8,353	8,541	8,230	249	267	245
Operatives . . . . .	12,256	12,611	12,043	8,942	9,079	8,682	3,314	3,532	3,361
Nonfarm laborers . . . . .	3,131	3,297	2,973	3,044	3,183	2,894	87	113	80
Service workers . . . . .	8,723	8,908	8,715	3,086	3,106	3,117	5,637	5,803	5,597
Private household workers . . . . .	2,230	2,304	2,314	57	72	59	2,173	2,232	2,254
Other service workers . . . . .	6,493	6,604	6,401	3,029	3,034	3,058	3,464	3,571	3,343
Farm workers . . . . .	3,729	3,705	3,924	3,268	3,184	3,448	462	523	476
Farmers and farm managers . . . . .	2,222	2,194	2,324	2,118	2,089	2,226	104	105	98
Farm laborers and foremen . . . . .	1,507	1,511	1,600	1,150	1,095	1,222	358	418	378



Table A-15: Employed persons, by hours worked

(In thousands)

Hours worked	All industries			Nonagricultural industries			Agriculture		
	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
Total	67,228	68,615	65,935	63,234	64,576	61,730	3,993	4,039	4,206
With a job but not at work	2,549	2,269	2,421	2,255	1,985	2,172	294	284	249
At work	64,678	66,346	63,514	60,979	62,591	59,561	3,699	3,755	3,953
1-34 hours	15,393	13,351	12,511	13,801	11,773	11,080	1,592	1,578	1,431
1-4 hours	1,006	994	919	924	896	861	79	97	57
5-14 hours	3,710	3,576	3,370	3,240	3,196	2,984	470	379	387
15-34 hours	10,679	8,779	8,222	9,637	7,679	7,235	1,042	1,100	987
35 hours or more	49,285	52,995	51,002	47,179	50,817	48,480	2,108	2,179	2,522
35-40 hours	29,410	31,207	30,250	28,842	30,597	29,587	570	611	663
41 hours and over	19,875	21,788	20,752	18,337	20,220	18,893	1,538	1,568	1,859
Average hours, total at work	39.3	40.1	40.1	39.3	40.1	40.0	38.5	39.4	41.5

Table A-16: Employed persons, by full- or part-time status

(In thousands)

Full- or part-time status	All industries			Nonagricultural industries		
	Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
Total	67,228	68,615	65,935	63,234	64,576	61,730
With a job but not at work	2,549	2,269	2,421	2,255	1,985	2,172
At work	64,678	66,346	63,514	60,979	62,591	59,561
On full-time schedules	54,419	55,800	53,514	51,800	53,120	50,554
35 hours or more	49,285	52,995	51,002	47,179	50,817	48,480
1-34 hours for noneconomic reasons	5,134	2,805	2,512	4,621	2,303	2,074
Bad weather	3,351	1,054	827	2,936	679	496
Industrial dispute	30	5	21	30	5	21
Vacation	116	215	117	106	202	109
Illness	929	804	890	907	766	860
Holiday	42	87	77	41	86	77
All other reasons	666	640	580	601	565	511
On part time for economic reasons	2,412	2,412	2,573	2,072	2,047	2,243
Usually work full time	1,256	1,255	1,357	1,057	1,008	1,147
Average hours	23.0	22.7	22.7	23.6	23.2	23.3
Usually work part time	1,156	1,157	1,216	1,015	1,039	1,096
Average hours	17.0	17.8	17.5	17.4	17.9	17.5
On part time for noneconomic reasons; usually work part time	7,847	8,134	7,426	7,107	7,421	6,763

Table A-17: Employed persons with a job, but not at work, by reason not working and pay status

(In thousands)

Reason not working	All industries			Nonagricultural industries								
	Jan. 1964	Dec. 1963	Jan. 1963	Total			Wage and salary workers					
				Jan. 1964	Dec. 1963	Jan. 1963	Number			Percent paid		
							Jan. 1964	Dec. 1963	Jan. 1963	Jan. 1964	Dec. 1963	Jan. 1963
Total	2,549	2,269	2,421	2,255	1,985	2,172	1,796	1,603	1,734	34.4	41.6	34.1
Bad weather	433	232	304	313	153	232	216	80	138	6.0	(1)	.7
Industrial dispute	33	31	78	33	31	78	33	31	78	-	-	-
Vacation	323	420	360	305	410	339	260	386	298	73.1	82.1	73.2
Illness	1,177	968	1,040	1,104	875	959	941	771	826	36.6	34.4	36.0
All other reasons	582	618	639	499	515	563	346	335	397	20.5	23.6	17.6

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

Table A-18: Employment status of the noninstitutional population, by age and sex

Age, sex, and color	Total labor force		Civilian labor force						Not in labor force				
	Number	Percent of population	Total	Employed			Unemployed		Total	Keeping house	In school	Unable to work	Other
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force					
Male . . . . .	4,9731	76.9	4,7041	4,1160	3,474	40,686	2,881	6.1	14,908	134	6,932	1,067	6,774
14 and 15 years . . . . .	500	14.2	500	468	89	378	33	6.5	3,009	8	2,966	6	29
16 and 17 years . . . . .	1,162	33.9	1,111	900	162	737	211	19.0	2,270	2	2,188	5	71
18 and 19 years . . . . .	1,805	65.3	1,358	1,127	92	1,036	231	17.0	959	3	864	8	85
20 to 24 years . . . . .	5,442	85.7	4,498	4,001	241	3,760	497	11.1	906	-	774	24	109
25 to 29 years . . . . .	5,218	96.4	4,792	4,485	219	4,267	307	6.4	194	-	95	27	72
30 to 34 years . . . . .	5,372	97.8	5,042	4,796	242	4,555	245	4.9	120	-	16	28	75
35 to 39 years . . . . .	5,778	97.3	5,549	5,327	316	5,011	222	4.0	158	-	11	49	98
40 to 44 years . . . . .	5,793	97.5	5,621	5,403	296	5,107	218	3.9	150	2	6	59	84
45 to 49 years . . . . .	5,268	96.7	5,203	4,967	336	4,631	235	4.5	181	7	5	59	109
50 to 54 years . . . . .	4,706	94.4	4,685	4,460	369	4,091	225	4.8	279	6	8	92	173
55 to 59 years . . . . .	3,889	91.1	3,885	3,682	388	3,294	203	5.2	382	8	-	102	271
60 to 64 years . . . . .	2,809	79.1	2,808	2,639	300	2,339	169	6.0	743	11	-	145	587
65 to 69 years . . . . .	1,088	38.8	1,088	1,012	175	837	76	6.9	1,715	9	-	114	1,592
70 years and over . . . . .	902	19.0	902	892	250	642	9	1.1	3,843	80	-	348	3,416
White . . . . .	4,861	77.3	4,280	4,067	3,021	37,046	2,313	5.5	13,185	124	6,092	899	6,069
Nonwhite . . . . .	4,870	73.9	4,661	4,093	453	3,640	569	12.2	1,723	10	840	168	705
Female . . . . .	24,783	36.1	24,752	23,068	520	22,548	1,684	6.8	13,777	35,410	6,648	702	1,017
14 and 15 years . . . . .	304	8.9	304	290	15	275	14	4.7	3,107	44	3,021	1	40
16 and 17 years . . . . .	748	22.3	748	640	16	623	109	14.5	2,607	262	2,301	4	39
18 and 19 years . . . . .	1,236	45.2	1,229	1,043	12	1,030	186	15.1	1,499	601	848	7	43
20 to 24 years . . . . .	3,059	47.9	3,049	2,753	19	2,733	296	9.7	3,331	2,867	394	19	52
25 to 29 years . . . . .	2,049	36.9	2,045	1,890	24	1,866	156	7.6	3,502	3,425	12	21	44
30 to 34 years . . . . .	2,028	35.7	2,025	1,897	50	1,848	128	6.3	3,650	3,572	25	16	36
35 to 39 years . . . . .	2,574	41.4	2,572	2,385	62	2,323	187	7.3	3,639	3,562	17	20	41
40 to 44 years . . . . .	2,920	46.5	2,918	2,757	58	2,698	162	5.5	3,353	3,252	15	25	62
45 to 49 years . . . . .	2,900	50.6	2,899	2,731	51	2,679	168	5.8	2,827	2,739	7	16	65
50 to 54 years . . . . .	2,729	52.0	2,728	2,626	70	2,556	102	3.7	2,519	2,471	2	21	24
55 to 59 years . . . . .	2,093	45.9	2,093	2,001	57	1,944	93	4.4	2,464	2,384	5	31	45
60 to 64 years . . . . .	1,243	31.6	1,243	1,189	39	1,149	54	4.4	2,693	2,586	-	35	72
65 to 69 years . . . . .	563	16.9	563	543	21	522	19	3.5	2,767	2,604	1	60	103
70 years and over . . . . .	335	5.4	335	325	24	301	10	3.1	5,819	5,040	1	427	351
White . . . . .	21,594	35.3	21,565	20,270	475	19,795	1,295	6.0	39,604	32,368	5,783	598	855
Nonwhite . . . . .	3,189	43.3	3,187	2,798	45	2,753	389	12.2	4,473	3,042	864	104	163

Table A-19: Nonagricultural wage and salary workers, by full- or part-time status, hours of work, and industry

Industry	January 1964 (Percent distribution)									
	Full- or part-time status					Hours of work				
	Total at work	On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over
			Economic reasons		Other reasons					
Usually work full time	Usually work part time	Usually work part time	Usually work part time							
Total <sup>1</sup> . . . . .	100.0	85.4	1.7	1.7	11.2	100.0	22.4	50.3	14.0	13.3
Construction . . . . .	100.0	90.0	4.6	2.6	2.8	100.0	30.0	48.5	11.2	10.3
Manufacturing . . . . .	100.0	94.1	2.3	.6	2.9	100.0	15.1	59.9	14.3	10.6
Durable goods . . . . .	100.0	96.8	1.6	.3	1.2	100.0	12.7	62.5	14.5	10.2
Nondurable goods . . . . .	100.0	90.5	3.3	1.0	5.2	100.0	18.5	56.4	13.9	11.2
Transportation and public utilities . . . . .	100.0	92.6	1.3	1.7	4.3	100.0	12.6	61.3	13.3	12.7
Wholesale and retail trade . . . . .	100.0	78.3	1.3	2.3	18.1	100.0	25.7	37.8	18.7	17.8
Finance, insurance, and real estate . . . . .	100.0	91.4	.6	.6	7.5	100.0	14.3	59.1	13.1	13.6
Service industries . . . . .	100.0	72.7	1.0	3.2	23.2	100.0	34.4	38.9	12.3	14.5

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

HOUSEHOLD DATA

Table A-20: Persons at work in nonfarm occupations by full- or part-time status, hours of work, and occupation

January 1964  
(Percent distribution)

Occupation	Full or part-time status						Hours of work					Average hours, total at work
	Total at work		On full-time schedules	On part-time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over	
				Economic reasons		Other reasons						
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time							
White-collar workers . . . . .	29,818	100.0	87.1	0.7	0.6	11.7	100.0	19.2	47.5	13.4	20.0	40.8
Professional and technical . . . . .	8,496	100.0	88.9	.3	.4	10.5	100.0	19.6	46.1	13.1	21.3	40.7
Managers, officials, and proprietors . . . . .	7,132	100.0	95.1	1.0	.1	3.9	100.0	9.0	31.9	17.9	41.3	48.8
Clerical workers . . . . .	10,200	100.0	85.8	.7	.6	12.9	100.0	21.1	64.3	10.1	4.5	36.9
Sales workers . . . . .	3,990	100.0	72.0	.9	2.0	25.1	100.0	31.5	35.4	14.6	18.5	36.8
Blue-collar workers . . . . .	22,971	100.0	89.6	3.3	1.9	5.2	100.0	21.1	51.3	14.9	12.7	39.3
Craftsmen and foremen . . . . .	8,218	100.0	94.1	2.4	1.1	2.5	100.0	15.7	53.6	16.9	13.9	40.6
Operatives . . . . .	11,799	100.0	89.8	3.8	1.6	4.8	100.0	20.9	51.4	14.5	13.2	39.7
Nonfarm laborers . . . . .	2,954	100.0	76.4	3.5	5.4	14.6	100.0	36.5	44.9	10.8	7.7	33.9
Service workers . . . . .	8,445	100.0	64.5	1.4	4.9	29.2	100.0	39.6	34.9	12.8	12.7	34.0
Private household workers . . . . .	2,154	100.0	36.0	1.3	11.7	51.0	100.0	66.7	16.2	7.0	10.1	24.0
Other service workers . . . . .	6,291	100.0	74.4	1.5	2.5	21.7	100.0	30.3	41.4	14.8	13.6	37.4

Table A-21: Occupational group of employed persons, by sex and color

January 1964

Occupation	Thousands			Percent distribution								
	Total	Male	Female	Total	Male	Female	White			Nonwhite		
							Total	Male	Female	Total	Male	Female
Total . . . . .	67,228	44,160	23,068	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers . . . . .	30,788	17,469	13,321	45.8	39.6	57.7	48.7	42.0	62.2	19.9	16.0	25.6
Professional and technical . . . . .	8,678	5,438	3,242	12.9	12.3	14.1	13.6	13.0	41.7	7.3	5.8	9.4
Medical and other health . . . . .	1,390	569	822	2.1	1.3	3.6	2.2	1.4	3.8	1.1	.7	1.8
Teachers, except college . . . . .	2,039	607	1,433	3.0	1.4	6.2	3.0	1.4	6.3	3.2	1.5	5.8
Other professional and technical . . . . .	5,249	4,262	987	7.8	9.7	4.3	8.4	10.3	4.6	2.9	3.7	1.9
Managers, officials, and proprietors . . . . .	7,473	6,360	1,114	11.1	14.4	4.8	12.1	15.6	5.3	2.5	3.1	1.7
Salaried workers . . . . .	4,221	3,591	630	6.3	8.1	2.7	6.9	8.9	3.0	.9	1.1	.6
Self-employed workers in retail trade . . . . .	1,514	1,198	317	2.3	2.7	1.4	2.4	2.9	1.5	.8	.9	.7
Self-employed workers, except retail trade . . . . .	1,738	1,571	167	2.6	3.6	.7	2.8	3.8	.8	.8	1.1	.4
Clerical workers . . . . .	10,474	3,153	7,321	15.6	7.1	31.7	16.4	7.3	34.3	8.4	5.4	12.8
Stenographers, typists, and secretaries . . . . .	2,769	50	2,720	4.1	.1	11.8	4.4	.1	12.8	1.9	.4	4.4
Other clerical workers . . . . .	7,705	3,103	4,601	11.5	7.0	19.9	12.0	7.2	21.5	6.6	5.4	8.3
Sales workers . . . . .	4,163	2,518	1,644	6.2	5.7	7.1	6.7	6.1	7.9	1.7	1.7	1.7
Retail trade . . . . .	2,440	990	1,450	3.6	2.2	6.3	3.9	2.4	6.9	1.3	1.1	1.6
Other sales workers . . . . .	1,723	1,528	194	2.6	3.5	.8	2.8	3.7	.9	.7	.1	.1
Blue-collar workers . . . . .	23,991	20,339	3,650	35.7	46.1	15.8	35.3	45.0	16.1	39.4	56.8	14.0
Craftsmen, foremen . . . . .	8,604	8,353	249	12.8	18.9	1.1	13.6	19.8	1.2	6.1	10.0	.4
Carpenters . . . . .	704	698	5	1.0	1.6	(1)	1.1	1.7	(1)	.4	.7	-
Construction craftsmen, except carpenters . . . . .	1,581	1,579	2	2.4	3.6	(1)	2.4	3.6	(1)	1.9	3.2	-
Mechanics and repairmen . . . . .	2,177	2,163	14	3.2	4.9	.1	3.4	5.1	.1	1.9	3.2	-
Metal craftsmen, except mechanics . . . . .	1,085	1,080	6	1.6	2.4	(1)	1.7	2.6	(1)	.5	.9	-
Other craftsmen and kindred workers . . . . .	1,778	1,653	124	2.6	3.7	.5	2.8	4.0	.6	1.0	1.6	.3
Foremen, not elsewhere classified . . . . .	1,279	1,180	98	1.9	2.7	.4	2.1	2.9	.5	.4	.5	.2
Operatives . . . . .	12,256	8,942	3,314	18.2	20.2	14.4	17.9	19.6	14.6	20.7	26.2	12.7
Drivers and deliverymen . . . . .	2,522	2,468	54	3.8	5.6	.2	3.6	5.3	.2	5.2	8.5	.3
Other operatives . . . . .	9,734	6,474	3,260	14.5	14.7	14.1	14.4	14.4	14.4	15.5	17.6	12.4
Durable goods manufacturing . . . . .	3,670	2,851	819	5.5	6.5	3.6	5.5	6.3	3.8	5.3	7.8	1.5
Non-durable goods manufacturing . . . . .	3,349	1,610	1,740	5.0	3.6	7.5	5.1	3.6	7.9	4.1	3.6	4.7
Other industries . . . . .	2,715	2,013	701	4.0	4.6	3.0	3.8	4.4	2.6	6.2	6.2	6.2
Nonfarm laborers . . . . .	3,131	3,044	87	4.7	6.9	.4	3.8	5.5	.3	12.6	20.6	.9
Construction . . . . .	571	570	1	.8	1.3	(1)	.7	1.0	(1)	2.3	3.8	-
Manufacturing . . . . .	976	925	51	1.5	2.1	.2	1.2	1.7	.2	3.6	5.9	.2
Other industries . . . . .	1,584	1,549	35	2.4	3.5	.2	1.9	2.8	.1	6.7	10.9	.7
Service workers . . . . .	8,723	3,086	5,637	13.0	7.0	24.4	10.6	6.0	19.7	33.8	16.8	58.8
Private household workers . . . . .	2,230	57	2,173	3.3	.1	9.4	2.1	.1	5.9	14.2	.2	34.6
Service workers, except private household . . . . .	6,493	3,029	3,464	9.7	6.9	15.0	8.5	5.9	13.8	19.6	16.5	24.2
Protective service workers . . . . .	828	787	41	1.2	1.8	.2	1.3	1.9	.1	.7	1.0	.4
Waiters, cooks, and bartenders . . . . .	1,735	485	1,250	2.6	1.1	5.4	2.4	.9	5.4	3.9	3.0	5.2
Other service workers . . . . .	3,930	1,757	2,173	5.8	4.0	9.4	4.8	3.1	8.2	15.0	12.6	18.5
Farm workers . . . . .	3,729	3,268	462	5.5	7.4	2.0	5.4	7.1	2.1	6.8	10.4	1.6
Farmers and farm managers . . . . .	2,222	2,118	104	3.3	4.8	.5	3.5	5.0	.4	2.0	3.0	.5
Farm laborers and foremen . . . . .	1,507	1,150	358	2.2	2.6	1.6	1.9	2.1	1.6	4.8	7.4	1.1
Paid workers . . . . .	1,009	940	70	1.5	2.1	.3	1.2	1.6	.2	4.4	6.9	.8
Unpaid family workers . . . . .	498	210	288	.7	.5	1.2	.8	.5	1.4	.4	.4	.3

<sup>1</sup> Less than 0.05.

**Table A-22: Persons at work in nonagricultural industries, by full-time and part-time status, hours of work, and selected characteristics**

January 1964

(Percent distribution)

Characteristics	Full or part-time status						Hours of work				
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 hours and over	Average hours, total at work
				Economic reasons		Other reasons					
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time						
<b>AGE AND SEX</b>											
Total .....	60,979	100.0	85.0	1.7	1.7	11.7	100.0	22.6	47.3	30.0	39.3
Male .....	39,234	100.0	91.1	1.6	1.1	6.1	100.0	16.1	46.3	37.5	42.0
14 to 17 years .....	1,075	100.0	10.3	.1	2.0	87.6	100.0	91.0	5.1	3.9	14.3
18 and 19 years .....	1,017	100.0	66.3	2.6	3.3	27.8	100.0	42.9	36.0	21.1	33.1
20 to 24 years .....	3,683	100.0	87.7	1.7	2.0	8.6	100.0	20.3	45.6	34.1	40.0
25 to 34 years .....	8,608	100.0	96.0	1.6	.8	1.6	100.0	11.0	47.7	41.3	43.6
35 to 44 years .....	9,826	100.0	96.9	1.6	.7	.9	100.0	10.3	47.0	42.8	44.5
45 to 64 years .....	13,680	100.0	95.4	1.7	1.0	1.8	100.0	12.4	50.0	37.5	43.3
65 years and over .....	1,345	100.0	66.6	1.2	2.6	29.5	100.0	39.3	36.7	23.9	34.0
Female .....	21,745	100.0	73.8	2.0	2.6	21.6	100.0	34.2	49.2	16.6	34.5
14 to 17 years .....	878	100.0	9.6	.6	2.7	87.1	100.0	91.6	5.7	2.7	11.8
18 and 19 years .....	1,022	100.0	65.7	2.7	4.3	27.2	100.0	44.4	48.4	10.1	31.0
20 to 24 years .....	2,667	100.0	85.1	1.7	2.1	11.1	100.0	22.9	62.2	14.9	36.7
25 to 34 years .....	3,567	100.0	77.7	2.2	2.5	17.7	100.0	29.2	55.0	15.9	35.4
35 to 44 years .....	4,830	100.0	74.3	2.0	2.5	21.2	100.0	35.6	48.7	15.7	34.5
45 to 64 years .....	8,001	100.0	78.0	2.1	2.6	17.3	100.0	30.6	49.6	19.8	36.4
65 years and over .....	782	100.0	53.1	1.6	3.6	41.7	100.0	51.5	25.6	22.9	32.3
<b>MARITAL STATUS AND SEX</b>											
Male: Single .....	5,798	100.0	68.7	2.0	2.5	26.9	100.0	37.8	39.7	22.6	33.6
Married, wife present .....	31,581	100.0	95.4	1.5	.8	2.3	100.0	12.1	47.4	40.5	43.6
Other .....	1,856	100.0	88.5	2.1	3.0	6.4	100.0	18.2	47.8	34.0	40.9
Female: Single .....	5,030	100.0	71.3	1.1	2.2	25.4	100.0	35.9	49.5	14.6	32.1
Married, husband present .....	12,237	100.0	72.7	2.2	2.3	22.7	100.0	35.6	48.2	16.1	34.6
Other .....	4,478	100.0	79.4	2.4	3.9	14.3	100.0	28.4	51.5	20.1	36.8
<b>COLOR AND SEX</b>											
White .....	54,879	100.0	85.5	1.7	1.1	11.7	100.0	21.9	47.2	30.9	39.6
Male .....	35,772	100.0	91.5	1.5	.8	6.2	100.0	15.5	45.8	38.7	42.3
Female .....	19,106	100.0	74.5	1.9	1.8	21.8	100.0	33.6	49.9	16.5	34.6
Nonwhite .....	6,101	100.0	79.5	2.5	6.5	11.6	100.0	29.7	48.1	22.3	36.4
Male .....	3,462	100.0	87.7	2.4	4.8	5.1	100.0	22.7	51.5	25.8	38.6
Female .....	2,639	100.0	68.6	2.5	8.8	20.1	100.0	38.7	43.7	17.6	33.6

**Table A-23: Persons at work, by hours of work, and class of worker**

January 1964

(Percent distribution)

Hours of work	Total	Agriculture				Nonagricultural industries						
		Total	Wage and salary workers	Self-employed workers	Unpaid family workers	Total	Wage and salary workers			Self-employed workers	Unpaid family workers	
							Total	Private households	Government			Other
Total at work .. thousands .....	64,678	3,699	1,148	2,043	508	60,979	54,705	2,355	9,132	43,218	5,721	553
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 to 34 hours .....	23.8	43.0	47.9	36.1	59.4	22.6	22.4	67.6	20.0	20.5	22.7	42.0
1 to 14 hours .....	7.3	14.9	19.9	15.7	-	6.8	6.6	44.0	4.0	5.1	9.6	-
15 to 21 hours .....	5.6	12.9	12.8	7.4	35.2	5.1	4.9	9.8	5.4	4.6	5.5	20.5
22 to 29 hours .....	5.2	9.8	9.9	7.2	19.9	4.9	5.0	9.0	5.2	4.7	3.6	11.5
30 to 34 hours .....	5.7	5.4	5.3	5.8	4.3	5.8	5.9	4.8	5.4	6.1	4.0	9.8
35 to 40 hours .....	45.5	15.4	15.1	14.7	19.1	47.3	50.3	15.7	54.9	51.1	21.4	24.8
35 to 39 hours .....	6.6	7.5	4.6	8.0	12.3	6.5	6.6	4.8	5.4	6.9	5.5	9.4
40 hours .....	38.9	7.9	10.5	6.7	6.8	40.8	43.7	10.9	49.5	44.2	15.9	15.4
41 hours and over .....	30.8	41.5	36.9	49.1	21.4	30.0	27.3	16.7	25.1	28.2	56.1	33.1
41 to 47 hours .....	7.9	7.1	8.4	6.8	5.4	7.8	8.1	4.2	6.7	8.5	6.4	4.1
48 hours .....	5.9	3.8	4.3	4.0	1.7	6.0	5.9	2.5	4.5	6.4	6.7	5.5
49 hours and over .....	17.0	30.6	24.2	38.3	14.3	16.2	13.3	10.0	13.9	13.3	43.0	23.5
49 to 54 hours .....	6.1	5.9	5.8	6.7	3.3	6.1	5.6	3.5	5.9	5.6	10.6	8.0
55 to 59 hours .....	2.6	5.1	3.6	6.0	4.5	2.4	2.3	1.7	2.3	2.3	4.0	2.0
60 to 69 hours .....	4.5	8.4	7.9	9.7	4.1	4.3	3.3	2.4	3.5	3.3	13.7	5.6
70 hours and over .....	3.8	11.2	6.9	15.9	2.4	3.4	2.1	2.4	2.2	2.1	14.7	7.9
Average hours, total at work .....	39.3	38.5	34.7	42.2	32.3	39.3	38.6	23.7	39.3	39.3	46.1	38.7

# HOUSEHOLD DATA SEASONALLY ADJUSTED

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**Table A-24: Summary employment and unemployment estimates, seasonally adjusted**

(In thousands)

Employment status	Jan. 1964	Dec. 1963	Nov. 1963	Oct. 1963	Sept. 1963	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963
Total labor force . . . . .	76,388	75,964	76,311	75,910	75,840	75,737	75,951	75,627	75,759	75,638	75,192	75,153	75,116
Civilian labor force . . . . .	73,667	73,224	73,572	73,168	73,091	72,988	73,207	72,891	73,022	72,902	72,460	72,429	72,400
Employed . . . . .	69,567	69,205	69,222	69,067	69,044	68,941	69,101	68,767	68,720	68,767	68,364	68,122	68,254
Agriculture . . . . .	4,936	4,890	4,903	4,939	4,877	4,872	5,009	4,924	5,030	4,997	4,886	4,895	5,164
Nonagricultural industries . . . . .	64,631	64,315	64,319	64,128	64,167	64,069	64,092	63,843	63,690	63,770	63,478	63,227	63,090
Unemployed . . . . .	4,100	4,019	4,350	4,101	4,047	4,047	4,106	4,124	4,302	4,135	4,096	4,307	4,146

**Table A-25: Seasonally adjusted rates of unemployment**

Selected unemployment rates	Jan. 1964	Dec. 1963	Nov. 1963	Oct. 1963	Sept. 1963	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963
Total (all civilian workers) . . . . .	5.6	5.5	5.9	5.6	5.5	5.5	5.6	5.7	5.9	5.7	5.7	5.9	5.7
Men, 20 years and over . . . . .	4.3	4.3	4.5	4.2	4.1	4.2	4.3	4.4	4.4	4.4	4.6	4.9	4.8
Women, 20 years and over . . . . .	5.5	5.3	5.6	5.5	5.5	5.7	5.3	5.4	5.4	5.3	5.2	5.5	5.4
Both sexes, 14 to 19 years . . . . .	14.9	14.7	17.0	15.7	15.3	14.6	16.0	15.8	17.7	15.6	15.0	15.2	14.1
Married men (wife present) . . . . .	3.2	3.3	3.4	2.9	3.0	3.1	3.2	3.2	3.3	3.3	3.5	3.7	3.7
Experienced wage and salary workers . . . . .	5.3	5.3	5.7	5.5	5.4	5.4	5.4	5.6	5.5	5.4	5.5	5.9	5.6
Labor force time lost through unemployment and part-time work <sup>1</sup> . . . . .	6.2	6.1	6.4	6.2	6.3	6.4	6.4	6.6	6.5	6.4	6.4	6.7	6.6

<sup>1</sup>Man-hours lost by the unemployed and those on part time for economic reasons as a percent of total man-hours potentially available to the civilian labor force.

**Table A-26: Unemployed persons, by duration of unemployment, seasonally adjusted**

(In thousands)

Duration of unemployment	Jan. 1964	Dec. 1963	Nov. 1963	Oct. 1963	Sept. 1963	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963
Less than 5 weeks . . . . .	1,861	1,814	1,955	1,799	1,803	1,809	1,846	1,892	2,048	1,848	1,777	1,759	1,795
5 to 14 weeks . . . . .	1,104	1,217	1,272	1,214	1,234	1,196	1,312	1,257	1,165	1,236	1,191	1,263	1,210
15 weeks and over:													
Number . . . . .	1,105	1,022	1,060	1,114	1,078	1,083	1,042	1,080	1,113	1,067	1,097	1,128	1,152
Percent of civilian labor force . . . . .	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.6	1.6

**Table A-27: Employment status, by age and sex, seasonally adjusted**

(In thousands)

Employment status, age and sex	Jan. 1964	Dec. 1963	Nov. 1963	Oct. 1963	Sept. 1963	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963
Civilian labor force . . . . .	73,667	73,224	73,572	73,168	73,091	72,988	73,207	72,891	73,022	72,902	72,460	72,429	72,400
Men, 20 years and over . . . . .	44,477	44,232	44,292	44,119	44,269	44,248	44,420	44,232	44,120	44,138	44,129	44,082	44,101
Women, 20 years and over . . . . .	22,832	22,753	22,879	22,658	22,466	22,411	22,443	22,413	22,429	22,488	22,250	22,310	22,197
Both sexes, 14 to 19 years . . . . .	6,358	6,239	6,401	6,361	6,356	6,329	6,344	6,246	6,473	6,276	6,081	6,037	6,102
Employed, all industries . . . . .	69,567	69,205	69,222	69,067	69,044	68,941	69,101	68,767	68,720	68,767	68,364	68,122	68,254
Men, 20 years and over . . . . .	42,583	42,324	42,300	42,289	42,438	42,390	42,522	42,297	42,177	42,174	42,107	41,915	42,004
Women, 20 years and over . . . . .	21,573	21,557	21,606	21,414	21,224	21,143	21,251	21,210	21,214	21,297	21,091	21,088	21,007
Both sexes, 14 to 19 years . . . . .	5,411	5,324	5,316	5,364	5,382	5,408	5,328	5,260	5,329	5,296	5,166	5,119	5,243
Employed, nonagricultural industries . . . . .	64,631	64,315	64,319	64,128	64,167	64,069	64,092	63,843	63,690	63,770	63,478	63,227	63,090
Men, 20 years and over . . . . .	39,161	38,950	38,946	38,867	39,060	39,026	39,043	38,831	38,745	38,737	38,670	38,512	38,393
Women, 20 years and over . . . . .	20,807	20,748	20,750	20,622	20,432	20,369	20,468	20,463	20,382	20,472	20,300	20,279	20,189
Both sexes, 14 to 19 years . . . . .	4,663	4,617	4,623	4,639	4,675	4,674	4,581	4,549	4,563	4,561	4,508	4,436	4,508
Unemployed . . . . .	4,100	4,019	4,350	4,101	4,047	4,047	4,106	4,124	4,302	4,135	4,096	4,307	4,146
Men, 20 years and over . . . . .	1,894	1,908	1,992	1,860	1,831	1,858	1,898	1,935	1,943	1,964	2,022	2,167	2,097
Women, 20 years and over . . . . .	1,259	1,196	1,273	1,244	1,242	1,268	1,192	1,203	1,215	1,191	1,159	1,222	1,190
Both sexes, 14 to 19 years . . . . .	947	915	1,085	997	974	921	1,016	986	1,144	980	915	918	859

**Table A-28: Persons at work in nonagricultural industries, by full- or part-time status, seasonally adjusted**

(In thousands)

Full- or part-time status	Jan. 1964	Dec. 1963	Nov. 1963	Oct. 1963	Sept. 1963	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963
On full-time schedules . . . . .	52,165	52,027	51,851	51,610	51,487	51,367	51,623	51,368	51,421	51,282	51,079	51,025	50,910
On part time for economic reasons . . . . .	2,121	2,180	2,202	2,321	2,396	2,465	2,262	2,327	2,219	2,226	2,247	2,296	2,296
Usually work full time . . . . .	957	1,023	1,034	1,101	1,173	1,178	1,048	1,081	1,022	1,070	1,020	1,052	1,039
Usually work part time . . . . .	1,164	1,157	1,168	1,220	1,223	1,287	1,214	1,246	1,197	1,156	1,227	1,244	1,257
On part time for noneconomic reasons; usually work part time . . . . .	7,044	6,827	6,870	7,099	6,960	6,859	6,894	6,820	6,776	6,647	6,677	6,597	6,703

**ESTABLISHMENT DATA**  
**HISTORICAL EMPLOYMENT**

Table B-1: Employees on nonagricultural payrolls, by industry division

1919 to date  
(In thousands)

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government			
						Total	Wholesale trade	Retail trade			Total	Federal	State and local	
1919.....	27,088	1,133	1,021	10,659	3,711	4,514	-	-	1,111	2,263	2,676	-	-	
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-	
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,412	2,528	-	-	
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-	
1923.....	28,394	1,212	1,229	10,300	3,882	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	1,152	15,524	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137	
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341	
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582	
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787	
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948	
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098	
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087	
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188	
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340	
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563	
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,911	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.....	52,904	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,626	2,217	5,409	
1958.....	51,423	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,811	7,893	2,191	5,702	
1959.....	53,404	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,115	8,190	2,233	5,957	
1960.....	54,370	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,392	8,520	2,270	6,250	
1961.....	54,224	672	2,816	16,327	3,903	11,337	2,993	8,344	2,731	7,610	8,828	2,279	6,548	
1962.....	55,841	652	2,909	16,859	3,903	11,582	3,061	8,521	2,798	7,949	9,188	2,340	6,849	
1963.....	57,175	634	3,030	17,035	3,913	11,864	3,143	8,721	2,866	8,297	9,535	2,358	7,177	
1963:														
January...	55,409	622	2,584	16,687	3,775	11,535	3,073	8,462	2,806	7,956	9,444	2,327	7,117	
February...	55,374	618	2,470	16,683	3,844	11,433	3,065	8,368	2,813	7,997	9,516	2,332	7,184	
March.....	55,711	616	2,556	16,756	3,847	11,497	3,069	8,428	2,825	8,076	9,541	2,334	7,207	
April.....	56,505	632	2,846	16,845	3,859	11,740	3,075	8,665	2,842	8,199	9,542	2,344	7,198	
May.....	56,967	643	3,049	16,960	3,897	11,720	3,085	8,635	2,858	8,294	9,546	2,340	7,206	
June.....	57,609	650	3,232	17,111	3,954	11,848	3,132	8,716	2,885	8,423	9,506	2,365	7,141	
July.....	57,422	641	3,364	17,050	3,975	11,832	3,168	8,664	2,916	8,474	9,170	2,375	6,795	
August....	57,651	646	3,437	17,199	3,976	11,878	3,196	8,682	2,919	8,457	9,139	2,367	6,772	
September.	58,211	641	3,378	17,398	3,982	11,942	3,199	8,743	2,887	8,436	9,547	2,342	7,205	
October...	58,426	637	3,333	17,367	3,968	12,014	3,208	8,806	2,884	8,472	9,751	2,343	7,408	
November..	58,220	634	3,176	17,229	3,944	12,166	3,208	8,958	2,878	8,446	9,787	2,342	7,445	
December..	58,586	630	2,932	17,138	3,929	12,766	3,240	9,526	2,880	8,376	9,933	2,482	7,451	
1964:														
January...	56,896	616	2,620	16,965	3,878	11,855	3,191	8,664	2,874	8,316	9,772	2,326	7,446	

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 1963 annual averages are preliminary.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

Industry	(In thousands)									
	All employees					Production workers <sup>1</sup>				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<b>TOTAL</b> .....	56,896	58,586	58,220	55,409	57,044	-	-	-	-	-
<b>MINING</b> .....	616	630	634	622	634	-	493	498	485	498
<b>METAL MINING</b> .....	-	82.3	83.5	77.9	76.8	-	68.2	69.5	63.2	62.4
Iron ores .....	-	26.4	27.6	21.5	22.4	-	22.3	23.6	17.6	18.4
Copper ores .....	-	27.9	27.8	28.0	28.0	-	22.9	22.8	22.9	23.0
<b>COAL MINING</b> .....	-	137.1	136.1	148.1	147.9	-	120.9	120.0	130.6	130.3
Bituminous .....	-	125.8	124.8	136.6	136.2	-	110.9	109.9	120.5	120.0
<b>CRUDE PETROLEUM AND NATURAL GAS</b> .....	-	294.2	291.5	289.1	295.6	-	209.2	206.8	205.1	211.5
Crude petroleum and natural gas fields .....	-	160.9	161.2	163.4	163.7	-	93.1	93.3	96.7	96.9
Oil and gas field services .....	-	133.3	130.3	125.7	131.9	-	116.1	113.5	108.4	114.6
<b>QUARRYING AND NONMETALLIC MINING</b> .....	-	116.2	122.6	106.8	113.2	-	95.1	101.7	86.4	93.4
<b>CONTRACT CONSTRUCTION</b> .....	2,620	2,932	3,176	2,584	2,776	-	2,478	2,722	2,142	2,331
<b>GENERAL BUILDING CONTRACTORS</b> .....	-	889.9	972.4	781.2	837.8	-	758.1	840.0	653.3	710.0
<b>HEAVY CONSTRUCTION</b> .....	-	536.0	632.4	448.4	511.4	-	458.6	554.0	372.8	434.6
Highway and street construction .....	-	258.3	329.9	197.7	239.2	-	225.2	296.4	167.8	208.9
Other heavy construction .....	-	277.7	302.5	250.7	272.2	-	233.4	257.6	205.0	225.7
<b>SPECIAL TRADE CONTRACTORS</b> .....	-	1,506.1	1,571.2	1,354.2	1,427.0	-	1,261.3	1,328.4	1,115.8	1,186.2
<b>MANUFACTURING</b> .....	16,965	17,138	17,229	16,687	16,862	12,504	12,666	12,756	12,286	12,459
<b>DURABLE GOODS</b> .....	9,695	9,763	9,789	9,481	9,546	7,088	7,154	7,180	6,896	6,962
<b>NONDURABLE GOODS</b> .....	7,270	7,375	7,440	7,206	7,316	5,416	5,512	5,576	5,390	5,497
<i>Durable Goods</i>										
<b>ORDNANCE AND ACCESSORIES</b> .....	276.5	277.4	276.4	279.8	280.7	118.3	118.8	119.4	121.4	122.7
Ammunition, except for small arms .....	195.4	195.9	193.8	190.2	191.0	69.1	69.4	69.3	68.0	69.1
Sighting and fire control equipment .....	-	23.0	23.6	31.5	31.5	-	9.6	9.7	13.4	13.3
Other ordnance and accessories .....	58.1	58.5	59.0	58.1	58.2	39.6	39.8	40.4	40.0	40.3
<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> .....	564.9	583.4	597.2	561.2	572.5	503.6	521.2	534.2	500.9	511.6
Logging camps and logging contractors .....	74.8	81.8	86.8	74.7	78.5	69.6	76.1	81.2	69.9	73.7
Sawmills and planing mills .....	239.6	248.6	254.8	244.0	246.4	218.9	227.3	232.7	222.5	224.8
Sawmills and planing mills, general .....	-	214.5	220.7	210.8	212.9	-	196.0	201.5	192.1	194.1
Millwork, plywood, and related products .....	152.5	154.1	156.3	147.3	150.8	129.2	130.8	133.0	124.9	127.9
Millwork .....	-	69.7	70.9	65.2	65.9	-	56.5	57.7	52.4	53.1
Veneer and plywood .....	-	70.0	70.0	69.5	69.6	-	64.6	64.7	64.4	64.4
Wooden containers .....	34.0	34.7	34.6	34.2	35.2	30.5	31.4	31.2	30.9	31.9
Wooden boxes, shooks, and crates .....	-	26.9	26.5	25.7	26.6	-	24.4	23.9	23.1	24.0
Miscellaneous wood products .....	64.0	64.2	64.7	61.0	61.6	55.4	55.6	56.1	52.7	53.3

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

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

Industry	(In thousands)									
	All employees					Production workers <sup>1</sup>				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Durable Goods--Continued</i>										
<b>FURNITURE AND FIXTURES</b> . . . . .	391.0	395.7	397.8	384.2	387.8	324.6	329.9	332.0	319.0	322.7
Household furniture . . . . .	287.8	290.6	291.2	276.7	279.8	246.3	249.2	249.8	236.1	239.2
Wood house furniture, unupholstered . . . . .	-	151.8	152.0	144.8	146.4	-	135.3	135.6	128.5	130.2
Wood house furniture, upholstered . . . . .	-	73.7	73.7	67.8	69.5	-	61.9	62.0	56.8	58.4
Mattresses and bedsprings . . . . .	-	34.2	34.8	33.4	33.6	-	26.8 <sup>1</sup>	27.2	25.8	26.0
Office furniture . . . . .	-	27.0	27.2	28.3	28.9	-	21.4	21.6	22.7	23.2
Partitions; office and store fixtures . . . . .	-	36.6	37.8	39.6	39.0	-	27.1	28.3	29.8	29.4
Other furniture and fixtures . . . . .	40.3	41.5	41.6	39.6	40.1	30.9	32.2	32.3	30.4	30.9
<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . . . .	584.9	604.0	619.9	567.7	583.1	468.0	486.7	500.9	451.8	466.7
Flat glass . . . . .	-	32.2	32.6	29.7	30.7	-	26.1	26.5	24.2	25.2
Glass and glassware, pressed or blown . . . . .	110.0	112.3	113.4	107.6	108.7	96.2	98.2	98.5	91.8	92.6
Glass containers . . . . .	-	63.5	64.6	62.6	62.7	-	55.7	56.9	54.8	54.9
Pressed and blown glassware, n.e.c. . . . .	-	48.8	48.8	45.0	46.0	-	42.5	41.6	37.0	37.7
Cement, hydraulic . . . . .	36.7	38.2	40.1	37.0	38.7	28.1	29.9	31.7	29.1	30.7
Structural clay products . . . . .	63.0	67.4	68.5	64.2	66.8	53.0	57.1	58.3	54.0	56.9
Brick and structural clay tile . . . . .	-	29.9	30.5	27.1	29.4	-	26.6	27.2	23.7	26.2
Pottery and related products . . . . .	-	44.5	45.4	42.8	43.2	-	37.9	38.7	36.2	36.4
Concrete, gypsum, and plaster products . . . . .	159.5	167.8	177.2	150.8	157.9	122.0	130.1	139.2	114.7	121.6
Other stone and mineral products . . . . .	119.8	121.2	121.9	116.2	117.7	88.8	90.7	90.9	85.9	87.3
Abrasive products . . . . .	-	23.2	23.3	23.3	23.2	-	14.5	14.5	14.2	14.1
<b>PRIMARY METAL INDUSTRIES</b> . . . . .	1,168.2	1,164.5	1,152.0	1,123.0	1,123.2	944.6	941.4	928.3	899.8	899.3
Blast furnace and basic steel products . . . . .	582.1	577.0	568.8	550.6	550.3	471.4	467.1	458.9	439.8	438.2
Blast furnaces, steel and rolling mills . . . . .	-	510.2	503.3	486.0	485.4	-	414.8	408.2	390.1	388.3
Iron and steel foundries . . . . .	202.7	202.7	201.3	193.4	193.5	173.3	173.1	171.3	163.7	163.7
Gray iron foundries . . . . .	-	121.8	121.1	116.3	116.7	-	105.0	104.4	99.9	100.1
Malleable iron foundries . . . . .	-	23.8	24.3	25.0	24.9	-	20.2	20.2	20.9	20.8
Steel foundries . . . . .	69.6	57.1	55.9	52.1	51.9	-	47.9	46.7	42.9	42.8
Nonferrous smelting and refining . . . . .	69.6	69.8	69.9	67.0	67.8	53.6	53.9	53.9	51.5	52.5
Nonferrous rolling, drawing, and extruding . . . . .	184.4	184.6	182.7	180.9	180.9	140.9	141.1	139.2	138.3	138.3
Copper rolling, drawing, and extruding . . . . .	-	46.5	46.0	46.2	45.9	-	35.8	35.4	35.9	35.7
Aluminum rolling, drawing, and extruding . . . . .	-	60.9	60.4	58.7	58.6	-	46.4	45.8	44.4	44.4
Nonferrous wire drawing and insulating . . . . .	-	60.0	60.0	59.4	59.7	-	46.9	46.9	46.3	46.5
Nonferrous foundries . . . . .	71.5	71.8	71.3	71.9	71.9	59.4	59.7	59.1	59.7	59.9
Aluminum castings . . . . .	-	36.1	35.9	35.5	35.2	-	30.5	30.2	29.8	29.6
Other nonferrous castings . . . . .	-	35.7	35.4	36.4	36.7	-	29.2	28.9	29.9	30.3
Miscellaneous primary metal industries . . . . .	57.9	58.6	58.0	59.2	58.8	46.0	46.5	45.9	46.8	46.7
Iron and steel forgings . . . . .	-	40.4	39.9	41.1	40.9	-	32.4	31.9	32.9	32.9
<b>FABRICATED METAL PRODUCTS</b> . . . . .	1,169.9	1,175.2	1,177.8	1,123.0	1,133.8	899.8	903.6	907.4	857.2	868.7
Metal cans . . . . .	60.8	60.3	61.2	58.1	57.4	50.7	50.3	51.3	47.7	47.1
Cutlery, hand tools, and general hardware . . . . .	141.5	141.1	139.9	136.2	137.0	112.2	112.0	111.1	107.0	108.4
Cutlery and hand tools, including saws . . . . .	-	54.0	53.2	52.6	52.5	-	42.7	42.0	40.9	41.0
Hardware, n.e.c. . . . .	-	87.1	86.7	83.6	84.5	-	69.3	69.1	66.1	67.4
Heating equipment and plumbing fixtures . . . . .	78.6	79.0	79.0	73.4	74.4	59.2	59.6	59.6	54.6	55.4
Sanitary ware and plumbers' brass goods . . . . .	-	33.6	33.5	32.2	32.5	-	27.3	27.2	26.2	26.5
Heating equipment, except electric . . . . .	-	45.4	45.5	41.2	41.9	-	32.3	32.4	28.4	28.9
Fabricated structural metal products . . . . .	335.0	338.6	343.6	322.6	328.0	236.8	239.3	244.6	226.0	231.1
Fabricated structural steel . . . . .	-	93.1	94.1	90.0	91.3	-	68.2	69.2	65.7	66.6
Metal doors, sash, frames, and trim . . . . .	-	63.6	65.5	59.6	61.1	-	45.9	47.8	42.1	43.5
Fabricated plate work (boiler shops) . . . . .	-	87.0	87.5	83.6	85.0	-	56.5	57.2	53.2	54.5
Sheet metal work . . . . .	-	59.3	60.3	55.8	56.2	-	43.4	44.5	41.3	42.1
Architectural and miscellaneous metal work . . . . .	-	35.6	36.2	33.6	34.4	-	25.3	25.9	23.7	24.4
Screw machine products, bolts, etc. . . . .	89.8	89.1	88.6	88.4	88.5	70.3	69.7	69.4	69.9	69.9
Screw machine products . . . . .	-	37.7	37.4	38.3	38.4	-	31.5	31.3	32.3	32.3
Bolts, nuts, screws, rivets, and washers . . . . .	-	51.4	51.2	50.1	50.1	-	38.2	38.1	37.6	37.6
Metal stampings . . . . .	204.7	205.9	205.9	196.1	197.9	167.4	168.4	168.3	158.9	160.8
Coating, engraving, and allied services . . . . .	71.5	72.7	73.0	66.8	67.9	60.0	60.9	61.4	55.5	56.7
Miscellaneous fabricated wire products . . . . .	59.6	59.8	58.9	57.0	57.7	47.7	47.8	47.1	45.1	46.0
Miscellaneous fabricated metal products . . . . .	128.4	128.7	127.7	124.4	125.0	95.5	95.6	94.6	92.5	93.3
Valves, pipe, and pipe fittings . . . . .	-	77.6	76.7	75.6	76.1	-	55.6	54.6	54.1	54.5

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



**ESTABLISHMENT DATA  
EMPLOYMENT**

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

Industry	(In thousands)									
	All employees					Production workers <sup>1</sup>				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Durable Goods--Continued</i>										
<b>MACHINERY</b> . . . . .	1,556.0	1,550.4	1,531.1	1,501.8	1,496.8	1,083.0	1,077.6	1,059.3	1,043.2	1,039.8
Engines and turbines . . . . .	87.3	86.4	86.1	86.2	84.9	58.3	57.6	57.1	57.5	56.2
Steam engines and turbines . . . . .	-	34.6	34.8	35.3	35.4	-	19.5	19.6	19.9	19.9
Internal combustion engines, n.e.c. . . . .	-	51.8	51.3	50.9	49.5	-	38.1	37.5	37.6	36.3
Farm machinery and equipment . . . . .	-	120.4	117.2	118.5	114.5	-	87.3	84.3	86.4	82.6
Construction and related machinery . . . . .	219.6	219.0	217.2	210.3	210.8	148.5	147.3	145.6	139.6	139.7
Construction and mining machinery . . . . .	-	120.0	119.4	115.0	115.2	-	83.5	82.7	79.0	78.9
Oil field machinery and equipment . . . . .	-	32.6	32.4	32.5	32.7	-	21.6	21.4	21.4	21.6
Conveyors, hoists, and industrial cranes . . . . .	-	30.8	30.1	28.6	28.5	-	20.5	20.0	18.6	18.5
Metalworking machinery and equipment . . . . .	281.3	279.5	273.9	265.7	265.3	211.5	210.0	204.6	197.9	197.9
Machine tools, metal cutting types . . . . .	-	73.0	71.3	68.5	68.5	-	50.8	49.2	47.2	47.2
Special dies, tools, jigs, and fixtures . . . . .	-	97.6	95.5	92.6	92.6	-	80.3	78.3	75.4	75.5
Machine tool accessories . . . . .	-	46.0	45.6	44.6	43.9	-	33.5	33.1	32.6	32.2
Miscellaneous metalworking machinery . . . . .	-	62.9	61.5	60.0	60.3	-	45.4	44.0	42.7	43.0
Special industry machinery . . . . .	170.6	170.2	169.3	168.0	169.0	117.3	116.7	115.8	115.5	116.9
Food products machinery . . . . .	-	32.8	32.8	32.8	33.3	-	21.2	21.2	21.2	21.7
Textile machinery . . . . .	-	38.1	37.8	37.8	38.4	-	29.3	28.9	29.1	29.6
General industrial machinery . . . . .	234.9	234.9	231.8	229.7	227.9	155.5	155.9	153.0	154.3	152.5
Pumps; air and gas compressors . . . . .	-	66.2	64.2	63.0	63.4	-	37.5	35.6	36.7	36.9
Ball and roller bearings . . . . .	-	49.6	49.0	50.0	48.2	-	38.5	38.0	38.8	37.1
Mechanical power transmission goods . . . . .	-	47.4	46.8	45.1	44.8	-	34.8	34.6	33.3	33.1
Office, computing, and accounting machines . . . . .	154.3	156.2	154.0	154.8	155.1	89.9	91.3	89.7	94.9	95.7
Computing machines and cash registers . . . . .	-	111.8	110.3	110.3	110.6	-	60.5	59.7	63.8	64.4
Service industry machines . . . . .	100.5	100.1	100.1	98.3	98.4	68.5	68.3	68.0	66.2	66.5
Refrigeration, except home refrigerators . . . . .	-	63.3	63.1	60.8	60.2	-	43.3	43.0	41.3	41.0
Miscellaneous machinery . . . . .	183.6	183.7	181.5	170.3	170.9	143.2	143.2	141.2	130.9	131.8
Machine shops, jobbing and repair . . . . .	-	125.7	124.6	116.4	116.9	-	99.5	98.6	90.6	91.5
Machine parts, n.e.c., except electrical . . . . .	-	58.0	56.9	53.9	54.0	-	43.7	42.6	40.3	40.3
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> . . . . .	1,570.8	1,579.8	1,584.9	1,597.3	1,610.4	1,050.9	1,059.5	1,064.7	1,069.1	1,080.0
Electric distribution equipment . . . . .	167.9	170.6	170.3	168.9	170.3	110.0	112.8	112.8	112.3	113.3
Electric measuring instruments . . . . .	-	55.8	55.2	57.2	58.0	-	36.5	36.1	38.4	38.8
Power and distribution transformers . . . . .	-	43.6	43.5	41.8	42.3	-	30.1	30.1	28.4	28.8
Switchgear and switchboard apparatus . . . . .	-	71.2	71.6	69.9	70.0	-	46.2	46.6	45.5	45.7
Electrical industrial apparatus . . . . .	188.6	188.0	187.6	186.6	187.5	129.0	128.6	128.6	127.3	128.0
Motors and generators . . . . .	-	101.9	101.8	100.8	101.3	-	70.9	70.8	69.8	70.3
Industrial controls . . . . .	-	49.4	49.4	49.7	49.9	-	32.4	32.5	32.6	32.8
Household appliances . . . . .	158.6	160.1	161.9	150.0	150.8	122.4	123.5	125.1	114.9	115.6
Household refrigerators and freezers . . . . .	-	52.6	51.4	47.0	46.8	-	41.4	40.0	36.7	36.5
Household laundry equipment . . . . .	-	25.5	26.7	25.2	25.4	-	19.7	20.8	19.1	19.3
Electric housewares and fans . . . . .	-	36.1	37.9	34.2	35.0	-	27.8	29.6	26.3	27.1
Electric lighting and wiring equipment . . . . .	152.5	153.3	153.8	146.1	146.9	119.1	119.8	120.8	114.0	114.7
Electric lamps . . . . .	-	31.0	30.7	30.1	30.1	-	27.0	26.8	26.3	26.4
Lighting fixtures . . . . .	-	53.6	54.4	50.8	51.3	-	41.3	42.4	38.8	39.2
Wiring devices . . . . .	-	68.7	68.7	65.2	65.5	-	51.5	51.6	48.9	49.1
Radio and TV receiving sets . . . . .	111.3	115.3	119.7	108.7	112.1	84.5	88.6	93.1	79.9	83.7
Communication equipment . . . . .	418.1	419.2	417.5	455.5	458.6	210.4	210.8	208.3	236.6	237.8
Telephone and telegraph apparatus . . . . .	-	116.6	113.1	123.8	124.9	-	77.3	73.9	81.5	81.8
Radio and TV communication equipment . . . . .	-	302.6	304.4	331.7	333.7	-	133.5	134.4	155.1	156.0
Electronic components and accessories . . . . .	263.6	262.4	263.8	268.9	271.0	192.3	191.5	192.7	197.9	200.4
Electron tubes . . . . .	-	65.9	65.2	71.3	70.9	-	43.4	42.7	49.1	48.8
Electronic components, n.e.c. . . . .	-	196.5	198.6	197.6	200.1	-	148.1	150.0	148.8	151.6
Miscellaneous electrical equipment and supplies . . . . .	110.2	110.9	110.3	112.6	113.2	83.2	83.9	83.3	86.2	86.5
Electrical equipment for engines . . . . .	-	65.3	65.0	67.9	68.4	-	49.3	49.1	52.6	53.1
<b>TRANSPORTATION EQUIPMENT</b> . . . . .	1,661.4	1,664.7	1,659.2	1,612.7	1,609.2	1,159.5	1,162.7	1,157.0	1,112.5	1,111.7
Motor vehicles and equipment . . . . .	780.6	782.6	777.3	740.3	741.5	610.0	612.0	607.8	576.4	579.3
Motor vehicles . . . . .	-	314.1	312.4	292.1	292.6	-	234.3	233.0	216.2	217.9
Passenger car bodies . . . . .	-	71.1	69.9	68.8	69.3	-	58.2	57.3	56.2	56.8
Truck and bus bodies . . . . .	-	34.2	35.0	32.6	32.6	-	27.6	28.4	26.3	26.3
Motor vehicle parts and accessories . . . . .	-	341.5	338.2	325.7	325.7	-	275.4	272.6	261.7	261.9
Aircraft and parts . . . . .	658.4	657.9	654.0	655.1	653.7	368.4	368.1	363.1	358.8	358.3
Aircraft . . . . .	-	345.0	342.1	338.8	340.6	-	188.7	185.1	175.8	178.8
Aircraft engines and engine parts . . . . .	-	209.0	209.7	211.8	208.8	-	111.5	111.9	115.7	112.4
Other aircraft parts and equipment . . . . .	-	103.9	102.2	104.5	104.3	-	67.9	66.1	67.3	67.1
Ship and boat building and repairing . . . . .	137.3	137.7	141.2	145.6	142.4	114.4	114.6	117.9	122.8	119.5
Ship building and repairing . . . . .	-	111.6	115.0	119.0	116.0	-	93.0	96.2	100.3	97.2
Boat building and repairing . . . . .	-	26.1	26.2	26.6	26.4	-	21.6	21.7	22.5	22.3
Railroad equipment . . . . .	-	47.7	47.2	40.0	39.3	-	36.7	36.1	29.3	28.8
Other transportation equipment . . . . .	-	38.8	39.5	31.7	32.3	-	31.3	32.1	25.2	25.8

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

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

Industry	(In thousands)									
	All employees					Production workers <sup>1</sup>				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Durable Goods--Continued</i>										
<b>INSTRUMENTS AND RELATED PRODUCTS</b>	373.4	376.4	376.8	364.8	365.3	235.9	240.2	240.6	232.3	233.3
Engineering and scientific instruments	-	72.8	73.0	75.2	75.3	-	38.4	38.5	40.1	40.3
Mechanical measuring and control devices	98.6	99.1	97.1	96.8	96.3	64.0	64.7	63.0	63.3	63.0
Mechanical measuring devices	-	61.0	59.1	60.1	59.8	-	38.3	36.6	38.2	37.9
Automatic temperature controls	-	38.1	38.0	36.7	36.5	-	26.4	26.4	25.1	25.1
Optical and ophthalmic goods	42.1	42.6	42.6	40.4	40.5	29.9	30.4	30.6	29.1	29.3
Surgical, medical, and dental equipment	53.8	53.8	54.0	51.7	51.4	37.5	37.6	37.9	36.1	35.8
Photographic equipment and supplies	77.6	77.8	78.5	72.9	73.4	44.4	44.5	44.7	41.3	42.2
Watches and clocks	-	30.3	31.6	27.8	28.4	-	24.6	25.9	22.4	22.7
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	378.2	391.2	415.4	365.7	383.1	300.1	312.5	336.6	288.6	305.5
Jewelry, silverware, and plated ware	43.4	43.7	43.8	41.7	42.6	33.3	33.7	34.0	32.3	33.1
Toys, amusement, and sporting goods	-	97.3	115.9	82.2	92.4	-	79.7	98.3	65.4	75.0
Toys, games, dolls, and play vehicles	-	59.0	77.1	43.6	53.3	-	49.2	67.3	34.5	44.0
Sporting and athletic goods, n.e.c.	-	38.3	38.8	38.6	39.1	-	30.5	31.0	30.9	31.0
Pens, pencils, office, and art materials	-	33.2	33.4	30.9	31.6	-	25.0	25.1	22.8	23.7
Costume jewelry, buttons, and notions	-	57.3	58.3	55.8	58.3	-	47.4	48.5	46.1	48.3
Other manufacturing industries	156.5	159.7	164.0	155.1	158.2	123.5	126.7	130.7	122.0	125.4
<i>Nondurable Goods</i>										
<b>FOOD AND KINDRED PRODUCTS</b>	1,662.4	1,709.8	1,752.0	1,671.1	1,724.0	1,088.0	1,127.3	1,168.8	1,093.5	1,143.4
Meat products	306.6	311.6	313.5	305.4	313.1	246.9	251.5	253.3	244.6	253.0
Meat packing	-	192.5	192.2	194.2	195.6	-	151.6	151.2	152.8	154.5
Sausages and other prepared meats	-	46.7	46.7	46.4	46.7	-	33.5	33.5	33.1	33.5
Poultry dressing and packing	-	72.4	74.6	64.8	70.8	-	66.4	68.6	58.7	65.0
Dairy products	285.7	288.2	289.3	291.4	294.6	138.1	139.3	140.9	142.4	144.5
Ice cream and frozen desserts	-	29.8	30.1	29.9	30.5	-	15.3	15.8	15.4	15.6
Fluid milk	-	207.4	208.0	208.9	210.6	-	84.9	85.6	87.3	88.5
Canned and preserved food, except meats	-	201.3	228.4	196.3	210.6	-	164.0	191.2	158.8	172.7
Canned, cured, and frozen sea foods	-	41.2	41.4	41.5	40.9	-	35.5	36.2	36.6	35.9
Canned food, except sea foods	-	92.2	107.2	90.6	98.1	-	71.5	86.0	69.3	76.7
Frozen food, except sea foods	-	38.5	46.6	38.7	42.3	-	34.1	42.2	33.6	37.1
Grain mill products	129.9	130.2	130.1	128.4	128.8	90.5	90.2	90.3	89.8	90.2
Flour and other grain mill products	-	33.3	33.5	33.4	33.4	-	22.7	22.7	22.5	22.5
Prepared feeds for animals and fowls	-	58.3	58.4	56.4	56.6	-	38.6	38.9	38.0	38.3
Bakery products	289.3	291.3	293.1	290.8	294.2	166.8	168.0	169.4	166.5	169.4
Bread, cake, and perishable products	-	248.5	249.6	246.1	249.4	-	132.6	133.5	129.9	132.9
Biscuit, crackers, and pretzels	-	42.8	43.5	44.7	44.8	-	35.4	35.9	36.6	36.5
Sugar	-	46.7	50.7	36.2	47.1	-	39.9	43.5	30.4	41.3
Confectionery and related products	78.5	83.0	84.3	76.6	80.6	62.5	66.6	67.9	61.1	65.0
Candy and other confectionery products	-	67.7	68.7	61.2	65.1	-	55.2	56.3	49.8	53.5
Beverages	208.8	214.7	217.0	204.6	210.3	106.9	112.4	114.0	105.9	110.2
Malt liquors	-	63.6	63.6	63.2	64.8	-	42.2	42.1	42.0	43.2
Bottled and canned soft drinks	-	111.7	111.8	106.1	106.9	-	42.1	41.7	39.6	39.5
Miscellaneous food and kindred products	140.0	142.8	145.6	141.4	144.7	92.6	95.4	98.3	94.0	97.1
<b>TOBACCO MANUFACTURES</b>	91.6	94.8	99.5	89.1	94.8	79.3	83.0	87.1	77.2	82.7
Cigarettes	-	38.2	38.0	37.4	37.5	-	32.0	31.7	31.3	31.4
Cigars	-	23.3	23.9	23.2	24.2	-	21.7	22.3	21.5	22.3
<b>TEXTILE MILL PRODUCTS</b>	876.2	888.0	894.8	881.4	893.1	783.6	795.3	802.0	790.1	801.6
Cotton broad woven fabrics	233.2	234.4	233.8	234.9	236.8	215.8	217.0	216.2	218.1	219.8
Silk and synthetic broad woven fabrics	84.9	85.4	85.1	82.3	82.8	76.9	77.3	76.9	74.3	74.8
Weaving and finishing broad woollens	46.3	45.9	45.8	49.1	49.3	40.7	40.3	40.1	43.2	43.4
Narrow fabrics and small wares	27.0	27.2	27.3	26.9	27.5	23.7	23.9	24.0	23.6	24.2
Knitting	200.9	208.6	216.5	207.1	212.5	178.8	186.3	194.3	185.7	190.9
Full-fashioned hosiery	-	18.8	19.2	20.4	20.8	-	16.6	16.9	18.2	18.5
Seamless hosiery	-	78.8	80.0	80.5	82.0	-	72.7	73.9	74.3	75.5
Knit outerwear	-	60.0	65.5	57.5	60.2	-	51.7	57.4	50.0	53.0
Knit underwear	-	29.7	29.8	28.9	28.9	-	26.8	26.9	26.1	26.1
Finishing textiles, except wool and knit	75.4	75.1	75.0	74.3	75.3	64.7	64.5	64.4	63.4	64.3
Floor covering	-	38.5	38.7	38.6	38.9	-	32.0	32.3	32.0	32.5
Yarn and thread	105.6	106.7	106.0	102.2	103.4	97.4	98.6	97.9	94.2	95.6
Miscellaneous textile goods	65.0	66.2	66.6	66.0	66.6	54.2	55.4	55.9	55.6	56.1

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

Industry	(In thousands)					Production workers <sup>1</sup>				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Nondurable Goods--Continued</i>										
<b>APPAREL AND RELATED PRODUCTS</b>	1,280.0	1,298.1	1,310.1	1,251.2	1,267.8	1,131.9	1,150.2	1,161.0	1,109.0	1,125.5
Men's and boys' suits and coats	116.2	115.0	113.2	117.9	118.5	103.8	102.8	100.8	105.6	105.8
Men's and boys' furnishings	323.0	326.8	330.1	319.4	323.6	291.7	295.7	298.8	290.1	293.5
Men's and boys' shirts and nightwear	-	123.4	125.2	122.0	123.8	-	111.0	112.7	110.1	111.4
Men's and boys' separate trousers	-	63.9	63.5	63.3	62.7	-	60.2	59.6	59.7	58.9
Work clothing	-	74.9	74.7	70.8	71.0	-	67.2	67.1	63.7	63.9
Women's, misses', and juniors' outerwear	389.3	392.3	392.0	375.1	376.7	346.6	349.3	348.5	335.0	337.3
Women's blouses, waists, and shirts	-	50.7	52.1	45.5	45.1	-	45.9	47.3	41.4	41.0
Women's, misses', and juniors' dresses	-	189.6	192.9	183.4	186.3	-	168.9	172.0	163.7	167.2
Women's suits, skirts, and coats	-	81.3	78.3	77.9	79.2	-	72.1	68.8	69.4	70.4
Women's and misses' outerwear, n.e.c.	-	70.7	68.7	68.3	66.1	-	62.4	60.4	60.5	58.7
Women's and children's undergarments	117.9	121.4	125.6	114.5	117.7	104.1	107.7	111.9	101.1	104.2
Women's and children's underwear	-	77.2	81.1	74.5	77.1	-	70.7	74.6	68.3	70.5
Corsets and allied garments	-	44.2	44.5	40.0	40.6	-	37.0	37.3	32.8	33.7
Hats, caps, and millinery	-	31.3	30.3	33.2	31.2	-	27.6	26.5	29.2	27.5
Girls' and children's outerwear	79.4	78.7	78.7	77.8	76.6	71.5	70.3	70.2	69.3	68.6
Children's dresses, blouses, and shirts	-	37.8	38.7	37.2	36.5	-	34.2	34.9	33.1	32.8
Fur goods and miscellaneous apparel	-	71.6	76.1	67.8	73.7	-	61.8	66.1	58.3	64.0
Miscellaneous fabricated textile products	155.9	161.0	164.1	145.5	149.8	129.8	135.0	138.2	120.4	124.6
Housefurnishings	-	57.1	58.4	51.3	53.8	-	48.2	49.7	43.0	45.3
<b>PAPER AND ALLIED PRODUCTS</b>	621.1	625.4	626.4	613.0	618.2	486.3	490.9	491.7	482.7	487.7
Paper and pulp	214.0	215.5	215.3	214.1	215.4	171.1	172.9	172.6	172.4	173.8
Paperboard	67.9	68.2	68.2	67.5	67.4	54.4	54.2	54.3	54.0	54.0
Converted paper and paperboard products	149.8	150.7	150.1	145.2	146.3	110.2	111.6	111.2	108.2	109.0
Bags, except textile bags	-	36.3	36.2	34.5	34.4	-	29.4	29.5	28.0	27.6
Paperboard containers and boxes	189.4	191.0	192.8	186.2	189.1	150.6	152.2	153.6	148.1	150.9
Folding and setup paperboard boxes	-	69.5	70.5	67.1	69.7	-	57.5	58.4	55.3	57.6
Corrugated and solid fiber boxes	-	80.4	81.0	78.7	79.0	-	61.8	62.3	60.1	60.5
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>	938.6	947.0	940.8	906.0	913.7	594.7	602.4	598.2	578.1	586.3
Newspaper publishing and printing	324.4	327.6	325.1	302.1	305.4	164.2	166.9	165.1	151.2	154.1
Periodical publishing and printing	-	71.1	70.7	71.7	71.3	-	27.4	27.6	28.8	28.8
Books	-	76.5	75.2	72.7	72.6	-	46.4	45.1	44.2	44.1
Commercial printing	301.7	305.1	303.6	297.3	300.6	237.0	239.7	238.4	233.7	237.3
Commercial printing, except lithographic	-	206.2	205.2	200.4	203.0	-	163.5	162.3	158.7	161.3
Commercial printing, lithographic	-	88.7	88.2	86.2	86.9	-	68.0	67.8	66.1	66.9
Bookbinding and related industries	50.0	50.2	49.7	49.3	49.7	39.7	40.2	39.9	39.7	40.0
Other publishing and printing industries	114.3	116.5	116.3	112.9	114.1	79.5	81.8	82.1	80.5	82.0
<b>CHEMICALS AND ALLIED PRODUCTS</b>	864.1	866.1	866.6	846.2	846.4	520.0	522.1	522.4	513.8	513.6
Industrial chemicals	284.6	284.7	285.1	282.2	282.5	163.1	162.9	163.0	163.3	163.3
Plastics and synthetics, except glass	173.7	173.4	172.9	164.4	163.7	117.3	116.9	116.2	111.7	111.3
Plastics and synthetics, except fibers	-	75.2	75.2	71.7	71.7	-	48.4	48.1	46.5	46.4
Synthetic fibers	-	85.0	84.4	79.5	78.9	-	59.7	59.3	56.5	56.1
Drugs	116.9	117.8	117.4	113.4	113.4	62.7	63.6	63.5	61.1	61.0
Pharmaceutical preparations	-	86.8	86.5	83.9	84.1	-	45.4	45.2	43.7	43.8
Soap, cleaners, and toilet goods	98.0	98.9	99.8	97.3	98.0	58.9	60.3	61.1	58.9	59.5
Soap and detergents	-	35.7	35.6	36.1	36.2	-	25.1	24.9	25.4	25.5
Toilet preparations	-	34.7	35.5	33.6	34.3	-	20.7	21.4	19.9	20.6
Paints, varnishes, and allied products	63.4	64.2	64.3	61.8	61.9	35.7	36.2	36.3	34.9	34.9
Agricultural chemicals	48.8	47.8	46.9	47.3	45.8	32.8	31.6	30.9	31.5	30.2
Fertilizers, complete and mixing only	-	36.1	35.2	36.0	34.7	-	25.4	24.6	25.6	24.5
Other chemical products	78.7	79.3	80.2	79.8	81.1	49.5	50.6	51.4	52.4	53.4
<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>	181.8	184.4	186.8	184.8	186.2	113.4	115.7	117.9	116.9	118.5
Petroleum refining	151.5	151.9	152.4	152.1	152.5	93.3	93.4	93.6	94.3	94.9
Other petroleum and coal products	30.3	32.5	34.4	32.7	33.7	20.1	22.3	24.3	22.6	23.6
<b>RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS</b>	408.2	410.8	413.1	412.1	413.1	313.1	316.3	318.4	318.9	320.2
Tires and inner tubes	94.5	95.5	94.5	99.3	99.8	67.0	68.3	67.0	72.3	72.6
Other rubber products	161.3	161.6	162.9	163.7	164.2	126.4	126.8	128.0	129.1	129.7
Miscellaneous plastic products	152.4	153.7	155.7	149.1	149.1	119.7	121.2	123.4	117.5	117.9
<b>LEATHER AND LEATHER PRODUCTS</b>	346.4	350.7	350.3	350.9	358.5	305.3	309.1	308.7	310.0	317.0
Leather tanning and finishing	30.1	31.7	31.7	32.0	32.2	25.9	27.9	27.8	28.1	28.5
Footwear, except rubber	238.2	236.7	233.6	238.4	240.7	212.6	210.7	207.6	213.2	215.2
Other leather products	78.1	82.3	85.0	80.5	85.6	66.8	70.5	73.3	68.7	73.3

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

ESTABLISHMENT DATA  
EMPLOYMENT

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

	(In thousands)									
	All employees					Production workers <sup>1</sup>				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> . . . . .	3,878	3,929	3,944	3,775	3,914	-	-	-	-	-
RAILROAD TRANSPORTATION . . . . .	-	773.2	770.5	755.4	783.2	-	-	-	-	-
Class I railroads . . . . .	-	672.3	675.9	663.4	681.6	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT . . . . .	-	281.3	278.9	277.4	276.4	-	-	-	-	-
Local and suburban transportation . . . . .	-	87.2	87.5	88.2	88.4	-	83.0	83.3	84.3	84.6
Taxicabs . . . . .	-	116.9	114.5	117.0	116.3	-	-	-	-	-
Intercity and rural bus lines . . . . .	-	41.4	41.2	41.1	40.8	-	38.3	38.1	38.2	37.8
MOTOR FREIGHT TRANSPORTATION AND STORAGE . . . . .	-	912.6	924.6	853.8	893.0	-	828.0	840.0	773.7	814.1
AIR TRANSPORTATION . . . . .	-	213.9	212.9	207.7	205.9	-	-	-	-	-
Air transportation, common carriers . . . . .	-	193.6	192.4	187.0	185.4	-	-	-	-	-
PIPELINE TRANSPORTATION . . . . .	-	19.6	19.6	20.3	20.6	-	16.6	16.7	17.4	17.7
OTHER TRANSPORTATION . . . . .	-	292.5	300.9	236.0	304.8	-	-	-	-	-
COMMUNICATION . . . . .	-	826.5	825.8	819.2	822.9	-	-	-	-	-
Telephone communication . . . . .	-	684.8	684.7	681.6	684.1	-	549.4	548.9	552.5	555.4
Telegraph communication . . . . .	-	33.1	33.0	35.6	36.3	-	23.5	23.3	25.7	26.3
Radio and television broadcasting . . . . .	-	104.3	103.8	97.7	98.2	-	85.4	84.7	80.4	80.3
ELECTRIC, GAS, AND SANITARY SERVICES . . . . .	-	609.8	611.1	605.6	607.4	-	531.4	532.4	530.2	532.8
Electric companies and systems . . . . .	-	245.9	246.1	244.7	244.8	-	209.7	209.7	209.3	209.8
Gas companies and systems . . . . .	-	154.1	154.4	153.3	154.0	-	135.6	135.9	135.5	136.5
Combined utility systems . . . . .	-	171.3	171.9	170.9	171.7	-	152.6	153.0	153.3	154.4
Water, steam, and sanitary systems . . . . .	-	38.5	38.7	36.7	36.9	-	33.5	33.8	32.1	32.1
<b>WHOLESALE AND RETAIL TRADE<sup>2</sup></b> . . . . .	11,855	12,766	12,166	11,535	12,420	-	9,860	9,268	8,760	9,601
WHOLESALE TRADE . . . . .	3,191	3,240	3,208	3,073	3,118	-	2,774	2,746	2,633	2,681
Motor vehicles and automotive equipment . . . . .	-	238.4	238.3	229.8	231.7	-	201.1	201.1	194.3	195.7
Drugs, chemicals, and allied products . . . . .	-	192.6	192.7	188.5	190.5	-	160.2	160.0	156.5	158.8
Dry goods and apparel . . . . .	-	135.1	135.3	132.2	132.7	-	111.5	111.8	109.2	110.0
Groceries and related products . . . . .	-	508.1	501.0	477.9	489.0	-	449.9	442.6	421.8	433.5
Electrical goods . . . . .	-	231.6	230.2	223.9	223.0	-	197.3	196.5	195.3	195.1
Hardware, plumbing, and heating goods . . . . .	-	146.2	146.1	142.1	143.0	-	126.0	126.0	123.0	124.0
Machinery, equipment, and supplies . . . . .	-	559.1	557.9	521.7	521.4	-	474.9	475.0	444.2	444.4
RETAIL TRADE <sup>2</sup> . . . . .	8,664	9,526	8,958	8,462	9,302	-	7,086	6,522	6,127	6,920
GENERAL MERCHANDISE STORES . . . . .	-	2,168.9	1,805.8	1,588.6	2,112.3	-	2,022.9	1,662.5	1,453.4	1,972.1
Department stores . . . . .	-	1,315.7	1,070.9	943.9	1,282.0	-	1,229.3	987.1	863.7	1,200.4
Limited price variety stores . . . . .	-	410.7	341.9	311.2	414.2	-	387.2	318.6	287.8	388.1
FOOD STORES . . . . .	-	1,457.7	1,431.8	1,385.1	1,415.2	-	1,359.3	1,334.7	1,291.1	1,319.5
Grocery, meat, and vegetable stores . . . . .	-	1,277.0	1,260.0	1,215.8	1,236.4	-	1,186.6	1,171.1	1,130.6	1,150.0
APPAREL AND ACCESSORIES STORES . . . . .	-	745.1	639.9	602.8	731.4	-	684.5	580.0	545.6	672.9
Men's and boys' apparel stores . . . . .	-	132.7	104.7	104.4	130.3	-	122.6	94.6	95.1	120.5
Women's ready-to-wear stores . . . . .	-	275.1	240.7	223.3	269.6	-	253.4	219.2	203.2	248.9
Family clothing stores . . . . .	-	122.3	97.5	94.3	121.0	-	115.3	90.8	87.3	113.8
Shoe stores . . . . .	-	136.4	125.1	114.6	132.9	-	121.6	110.4	100.9	119.3
FURNITURE AND APPLIANCE STORES . . . . .	-	409.1	400.9	390.2	405.4	-	364.3	356.1	346.8	363.1
EATING AND DRINKING PLACES . . . . .	-	1,762.0	1,763.9	1,693.4	1,736.5	-	-	-	-	-
OTHER RETAIL TRADE . . . . .	-	2,983.0	2,916.0	2,801.5	2,901.1	-	2,655.3	2,589.0	2,489.9	2,592.5
Motor vehicle dealers . . . . .	-	686.5	682.7	662.5	657.7	-	596.2	592.6	577.3	573.4
Other vehicle and accessory dealers . . . . .	-	174.9	170.3	155.9	164.5	-	151.0	146.6	131.8	142.4
Drug stores . . . . .	-	403.3	387.3	377.0	396.1	-	374.8	358.9	350.0	368.6

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

Industry	(In thousands)									
	All employees					Production workers <sup>1</sup>				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	2,874	2,880	2,878	2,806	2,811	-	-	-	-	-
Banking . . . . .	-	746.1	744.7	723.1	723.8	-	630.2	629.8	611.7	614.1
Credit agencies other than banks . . . . .	-	298.1	296.7	284.9	284.3	-	-	-	-	-
Savings and loan associations . . . . .	-	89.7	89.3	84.3	83.1	-	-	-	-	-
Personal credit institutions . . . . .	-	157.0	155.9	152.0	152.7	-	-	-	-	-
Security dealers and exchanges . . . . .	-	123.9	123.8	122.0	123.1	-	113.6	113.5	112.2	113.1
Insurance carriers . . . . .	-	872.2	870.8	855.7	856.5	-	779.4	779.0	768.5	770.4
Life insurance . . . . .	-	467.2	465.3	457.2	456.2	-	420.6	420.0	413.8	413.7
Accident and health insurance . . . . .	-	52.2	52.1	51.1	51.3	-	46.5	46.5	45.5	45.6
Fire, marine, and casualty insurance . . . . .	-	311.0	311.5	306.8	308.3	-	276.3	276.7	274.1	275.9
Insurance agents, brokers, and services . . . . .	-	219.8	220.0	215.0	215.0	-	-	-	-	-
Real estate . . . . .	-	543.5	546.4	529.9	532.4	-	-	-	-	-
Operative builders . . . . .	-	51.0	53.8	46.8	48.1	-	-	-	-	-
Other finance, insurance, and real estate . . . . .	-	76.1	75.8	75.6	76.1	-	-	-	-	-
<b>SERVICES AND MISCELLANEOUS . . . . .</b>	8,316	8,378	8,406	7,956	8,014	-	-	-	-	-
Hotel and lodging places . . . . .	-	595.2	603.2	575.3	575.5	-	-	-	-	-
Hotels, tourist courts, and motels . . . . .	-	551.9	559.2	534.8	532.2	-	517.8	525.0	502.5	500.7
Personal services:										
Laundries, cleaning and dyeing plants . . . . .	-	508.1	511.6	504.5	506.3	-	371.4	374.8	369.0	370.0
Miscellaneous business services:										
Advertising . . . . .	-	108.9	110.0	108.1	108.6	-	-	-	-	-
Motion pictures . . . . .	-	166.1	166.4	162.6	166.0	-	-	-	-	-
Motion picture filming and distributing . . . . .	-	40.0	38.6	37.7	38.8	-	25.9	24.8	23.7	25.2
Motion picture theaters and services . . . . .	-	126.1	127.8	124.9	127.2	-	-	-	-	-
Medical services:										
Hospitals . . . . .	-	1,318.7	1,320.0	1,268.5	1,265.3	-	-	-	-	-
<b>GOVERNMENT . . . . .</b>	9,772	9,933	9,787	9,444	9,613	-	-	-	-	-
<b>FEDERAL GOVERNMENT<sup>3</sup> . . . . .</b>	2,326	2,482	2,342	2,327	2,492	-	-	-	-	-
Executive . . . . .	-	2,451.8	2,312.6	2,297.5	2,462.4	-	-	-	-	-
Department of Defense . . . . .	-	939.7	940.1	959.1	961.9	-	-	-	-	-
Post Office Department . . . . .	-	738.0	593.3	582.5	742.7	-	-	-	-	-
Other agencies . . . . .	-	774.1	779.2	755.9	757.8	-	-	-	-	-
Legislative . . . . .	-	24.2	24.1	23.6	23.7	-	-	-	-	-
Judicial . . . . .	-	5.7	5.7	5.6	5.6	-	-	-	-	-
<b>STATE AND LOCAL GOVERNMENT . . . . .</b>	7,446	7,451	7,445	7,117	7,121	-	-	-	-	-
State government . . . . .	-	1,868.2	1,868.6	1,786.8	1,784.2	-	-	-	-	-
State education . . . . .	-	674.2	678.4	619.2	619.7	-	-	-	-	-
Other State government . . . . .	-	1,194.0	1,190.2	1,167.6	1,164.5	-	-	-	-	-
Local government . . . . .	-	5,582.6	5,576.2	5,330.2	5,336.3	-	-	-	-	-
Local education . . . . .	-	3,229.4	3,225.9	3,050.0	3,054.8	-	-	-	-	-
Other local government . . . . .	-	2,353.2	2,350.3	2,280.2	2,281.5	-	-	-	-	-

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

<sup>2</sup>Data for nonsupervisory workers exclude eating and drinking places.

<sup>3</sup>Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

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

**ESTABLISHMENT DATA  
WOMEN EMPLOYMENT**
**Table B-3: Women employees on payrolls of selected nonagricultural industries**

Industry	October 1963		July 1963		October 1962	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<b>MINING</b> . . . . .	35	5	35	5	35	5
<b>METAL MINING</b> . . . . .	2.2	3	2.2	3	2.4	3
<b>COAL MINING</b> . . . . .	2.3	2	1.9	2	2.5	2
<b>CRUDE PETROLEUM AND NATURAL GAS</b> . . . . .	25.2	9	25.7	9	25.3	9
Crude petroleum and natural gas fields . . . . .	18.6	12	19.0	11	18.7	11
Oil and gas field services . . . . .	6.6	5	6.7	5	6.6	5
<b>QUARRYING AND NONMETALLIC MINING</b> . . . . .	5.1	4	5.0	4	4.8	4
<b>MANUFACTURING</b> . . . . .	4,656	27	4,460	26	4,627	27
<b>DURABLE GOODS</b> . . . . .	1,805	18	1,746	18	1,805	19
<b>NONDURABLE GOODS</b> . . . . .	2,851	38	2,714	37	2,822	38
<i>Durable Goods</i>						
<b>ORDNANCE AND ACCESSORIES</b> . . . . .	51.1	18	50.6	18	53.3	19
Ammunition, except for small arms . . . . .	35.4	18	34.6	18	36.8	19
Sighting and fire control equipment . . . . .	4.5	19	5.0	19	6.2	19
Other ordnance and accessories . . . . .	11.2	19	11.0	19	10.3	18
<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> . . . . .	43.6	7	42.5	7	43.4	7
Logging camps and logging contractors . . . . .	2.1	2	2.1	3	2.1	2
Sawmills and planing mills . . . . .	9.8	4	9.4	4	9.4	4
Sawmills and planing mills, general . . . . .	8.1	4	7.7	3	7.8	3
Millwork, plywood, and related products . . . . .	10.9	7	10.4	7	11.0	7
Millwork . . . . .	5.3	7	5.2	7	5.0	7
Veneer and plywood . . . . .	4.5	6	4.0	6	4.6	7
Wooden containers . . . . .	6.1	17	6.6	18	6.6	18
Wooden boxes, shooks, and crates . . . . .	4.5	17	4.8	17	4.8	17
Miscellaneous wood products . . . . .	14.7	22	14.0	22	14.3	23
<b>FURNITURE AND FIXTURES</b> . . . . .	70.0	18	67.2	17	68.9	18
Household furniture . . . . .	53.2	18	51.0	18	51.7	18
Wood house furniture, unupholstered . . . . .	21.6	14	20.6	14	21.1	14
Wood house furniture, upholstered . . . . .	16.6	23	15.3	23	15.5	22
Mattresses and bedsprings . . . . .	9.2	26	9.0	26	9.0	26
Office furniture . . . . .	3.2	12	3.0	12	3.5	13
Partitions; office and store fixtures . . . . .	3.4	9	3.4	8	3.4	8
Other furniture and fixtures . . . . .	10.2	25	9.8	24	10.3	25
<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . . . .	94.3	15	94.1	15	93.9	15
Flat glass . . . . .	1.4	4	1.4	5	1.4	5
Glass and glassware, pressed or blown . . . . .	36.1	32	37.9	33	36.1	33
Glass containers . . . . .	22.7	35	24.9	36	23.4	36
Pressed and blown glassware, n.e.c. . . . .	13.4	28	13.0	28	12.7	27
Cement, hydraulic . . . . .	1.2	3	1.2	3	1.2	3
Structural clay products . . . . .	7.4	11	7.6	11	7.4	11
Brick and structural clay tile . . . . .	.8	3	.8	3	.8	3
Pottery and related products . . . . .	15.0	33	14.0	32	15.0	33
Concrete, gypsum, and plaster products . . . . .	9.6	5	9.0	5	9.2	5
Other stone and mineral products . . . . .	17.9	15	18.0	15	18.3	15
Abrasive products . . . . .	5.3	23	5.4	23	5.5	24
<b>PRIMARY METAL INDUSTRIES</b> . . . . .	71.0	6	72.2	6	71.3	6
Blast furnace and basic steel products . . . . .	23.6	4	24.7	4	23.9	4
Blast furnaces, steel and rolling mills . . . . .	18.5	4	19.7	4	18.7	4
Iron and steel foundries . . . . .	8.8	4	8.7	4	8.8	5
Gray iron foundries . . . . .	4.5	4	4.5	4	4.5	4
Malleable iron foundries . . . . .	1.3	5	1.3	5	1.4	6
Steel foundries . . . . .	3.0	5	2.9	5	2.9	5
Nonferrous smelting and refining . . . . .	3.0	4	3.0	4	2.8	4

**ESTABLISHMENT DATA  
WOMEN EMPLOYMENT**

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

Industry	October 1963		July 1963		October 1962	
	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--Continued</b>						
Nonferrous rolling, drawing, and extruding . . . . .	24.0	13	24.1	13	23.7	13
Copper rolling, drawing, and extruding . . . . .	3.6	8	3.7	8	3.8	8
Aluminum rolling, drawing, and extruding . . . . .	5.6	9	5.7	9	5.3	9
Nonferrous wire drawing and insulating . . . . .	12.7	21	12.7	22	12.7	21
Nonferrous foundries . . . . .	7.8	11	7.7	11	8.1	11
Aluminum castings . . . . .	2.9	8	2.9	8	3.0	9
Other nonferrous castings . . . . .	4.9	14	4.8	13	5.1	14
Miscellaneous primary metal industries . . . . .	3.8	7	4.0	7	4.0	7
Iron and steel forgings . . . . .	2.2	6	2.3	6	2.3	6
<b>FABRICATED METAL PRODUCTS</b> . . . . .	195.9	17	188.6	16	190.7	17
Metal cans . . . . .	12.1	20	13.1	20	12.9	21
Cutlery, hand tools, and general hardware . . . . .	41.5	30	38.5	30	40.4	30
Cutlery and hand tools, including saws . . . . .	11.9	23	11.1	22	11.8	23
Hardware, n.e.c. . . . .	29.6	34	27.4	34	28.6	34
Heating equipment and plumbing fixtures . . . . .	9.5	12	9.5	12	9.2	12
Sanitary ware and plumbers' brass goods . . . . .	4.6	14	4.8	14	4.4	13
Heating equipment, except electric . . . . .	4.9	11	4.7	11	4.8	11
Fabricated structural metal products . . . . .	29.4	8	29.1	8	28.3	8
Fabricated structural steel . . . . .	4.5	5	4.7	5	4.6	5
Metal doors, sash, frames, and trim . . . . .	10.4	16	9.8	15	8.9	14
Fabricated plate work (boiler shops) . . . . .	6.6	8	6.5	8	6.6	8
Sheet metal work . . . . .	5.1	8	5.3	9	5.4	9
Architectural and miscellaneous metal work . . . . .	2.8	8	2.8	8	2.8	8
Screw machine products, bolts, etc. . . . .	17.1	19	17.1	20	17.9	20
Screw machine products . . . . .	8.0	21	8.0	21	8.8	23
Bolts, nuts, screws, rivets, and washers . . . . .	9.1	18	9.1	18	9.1	18
Metal stampings . . . . .	38.4	19	35.5	19	35.4	18
Coating, engraving, and allied services . . . . .	13.2	18	12.3	18	12.7	18
Miscellaneous fabricated wire products . . . . .	14.1	24	13.4	24	14.0	24
Miscellaneous fabricated metal products . . . . .	20.6	16	20.1	16	19.9	16
Valves, pipe, and pipe fittings . . . . .	10.4	13	10.4	14	10.1	14
<b>MACHINERY</b> . . . . .	197.3	13	195.1	13	197.8	13
Engines and turbines . . . . .	11.4	13	10.7	13	11.5	14
Steam engines and turbines . . . . .	4.0	11	4.1	12	4.1	12
Internal combustion engines, n.e.c. . . . .	7.4	14	6.6	13	7.4	15
Farm machinery and equipment . . . . .	9.9	8	10.0	9	9.4	8
Construction and related machinery . . . . .	18.9	9	18.7	9	18.5	9
Construction and mining machinery . . . . .	9.2	8	9.1	8	9.3	8
Oil field machinery and equipment . . . . .	2.8	9	2.8	9	2.8	8
Conveyors, hoists, and industrial cranes . . . . .	2.9	10	2.8	9	2.7	10
Metalworking machinery and equipment . . . . .	30.1	11	29.6	11	29.6	11
Machine tools, metal cutting types . . . . .	6.3	9	6.4	9	6.2	9
Special dies, tools, jigs, and fixtures . . . . .	7.7	8	7.7	8	7.8	9
Machine tool accessories . . . . .	8.2	18	7.7	17	7.9	18
Miscellaneous metalworking machinery . . . . .	7.9	13	7.8	13	7.7	13
Special industry machinery . . . . .	17.8	11	17.6	11	17.8	10
Food products machinery . . . . .	3.3	10	3.4	11	3.4	10
Textile machinery . . . . .	4.0	11	4.0	11	4.2	11
General industrial machinery . . . . .	34.9	15	35.7	15	35.8	16
Pumps; air and gas compressors . . . . .	7.7	12	7.7	12	7.6	12
Ball and roller bearings . . . . .	10.8	22	11.7	23	11.9	23
Mechanical power transmission goods . . . . .	6.0	13	6.0	13	5.9	13
Office, computing, and accounting machines . . . . .	37.5	24	36.8	24	39.1	25
Computing machines and cash registers . . . . .	24.5	22	24.1	22	25.5	23
Service industry machines . . . . .	13.1	13	13.2	13	12.7	13
Refrigeration, except home refrigerators . . . . .	7.1	11	7.1	11	6.7	11
Miscellaneous machinery . . . . .	23.7	13	22.8	13	23.4	14
Machine shops, jobbing and repair . . . . .	11.4	9	11.5	9	11.5	10
Machine parts, n.e.c., except electrical . . . . .	12.3	22	11.3	21	11.9	22
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> . . . . .	600.5	38	579.6	37	611.9	38
Electric distribution equipment . . . . .	51.1	30	50.6	30	53.9	32
Electric measuring instruments . . . . .	22.2	41	22.0	40	25.1	44
Power and distribution transformers . . . . .	11.3	26	10.6	24	11.1	26
Switchgear and switchboard apparatus . . . . .	17.6	25	18.0	25	17.7	25

**ESTABLISHMENT DATA  
WOMEN EMPLOYMENT**
**Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued**

Industry	October 1963		July 1963		October 1962	
	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>						
Electrical industrial apparatus . . . . .	57.8	31	57.0	30	57.2	31
Motors and generators . . . . .	30.2	30	29.6	29	29.2	29
Industrial controls . . . . .	17.7	36	17.8	35	18.1	36
Household appliances . . . . .	33.7	21	29.4	19	31.2	21
Household refrigerators and freezers . . . . .	5.8	12	5.5	11	5.1	11
Household laundry equipment . . . . .	3.6	14	3.4	13	3.7	14
Electric housewares and fans . . . . .	17.7	46	14.1	42	16.1	45
Electric lighting and wiring equipment . . . . .	64.1	42	59.9	41	60.4	41
Electric lamps . . . . .	20.0	65	19.5	65	19.2	65
Lighting fixtures . . . . .	16.5	30	15.3	30	15.7	30
Wiring devices . . . . .	27.6	40	25.1	39	25.5	39
Radio and TV receiving sets . . . . .	65.0	53	58.3	51	61.5	52
Communication equipment . . . . .	140.7	33	139.8	33	152.8	34
Telephone and telegraph apparatus . . . . .	47.5	41	47.4	40	50.5	41
Radio and TV communication equipment . . . . .	93.2	30	92.4	30	102.3	31
Electronic components and accessories . . . . .	151.7	57	148.3	57	157.5	58
Electron tubes . . . . .	31.3	47	32.4	48	35.2	50
Electronic components, n.e.c. . . . .	120.4	61	115.9	60	122.3	61
Miscellaneous electrical equipment and supplies . . . . .	36.3	33	36.3	33	37.4	33
Electrical equipment for engines . . . . .	21.6	33	23.3	36	23.8	36
<b>TRANSPORTATION EQUIPMENT</b> . . . . .	170.8	10	170.0	11	170.5	11
Motor vehicles and equipment . . . . .	70.0	9	68.5	9	65.8	9
Motor vehicles . . . . .	23.0	7	23.0	8	20.5	7
Passenger car bodies . . . . .	3.8	6	3.8	6	3.4	5
Truck and bus bodies . . . . .	2.0	6	2.0	5	1.8	6
Motor vehicle parts and accessories . . . . .	40.2	12	38.6	12	39.0	13
Aircraft and parts . . . . .	88.3	14	88.6	14	92.8	14
Aircraft . . . . .	46.9	14	47.1	14	51.0	15
Aircraft engines and engine parts . . . . .	27.4	13	27.6	13	27.6	14
Other aircraft parts and equipment . . . . .	14.0	13	13.9	13	14.2	14
Ship and boat building and repairing . . . . .	5.2	4	5.5	4	4.9	3
Ship building and repairing . . . . .	3.8	3	3.9	3	3.6	3
Boat building and repairing . . . . .	1.4	6	1.6	7	1.3	5
Railroad equipment . . . . .	3.0	6	3.0	7	3.0	7
Other transportation equipment . . . . .	4.3	11	4.4	11	4.0	11
<b>INSTRUMENTS AND RELATED PRODUCTS</b> . . . . .	128.7	34	125.9	34	124.1	34
Engineering and scientific instruments . . . . .	17.2	23	17.2	24	17.9	24
Mechanical measuring and control devices . . . . .	30.8	32	31.0	32	30.7	32
Mechanical measuring devices . . . . .	15.8	27	16.3	27	16.7	28
Automatic temperature controls . . . . .	15.0	40	14.7	39	14.0	39
Optical and ophthalmic goods . . . . .	15.8	37	15.1	37	15.3	38
Surgical, medical, and dental equipment . . . . .	25.5	47	24.6	47	24.4	48
Photographic equipment and supplies . . . . .	20.6	26	20.6	27	19.8	27
Watches and clocks . . . . .	18.8	59	17.4	58	16.0	56
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> . . . . .	182.0	43	160.4	41	177.6	43
Jewelry, silverware, and plated ware . . . . .	16.7	38	14.2	37	16.7	38
Toys, amusement, and sporting goods . . . . .	64.9	53	52.9	50	60.7	51
Toys, games, dolls, and play vehicles . . . . .	49.2	59	37.6	56	44.9	57
Sporting and athletic goods, n.e.c. . . . .	15.7	40	15.3	40	15.8	40
Pens, pencils, office and art materials . . . . .	17.4	54	16.7	53	17.6	54
Costume jewelry, buttons, and notions . . . . .	30.6	52	29.0	51	31.4	52
Other manufacturing industries . . . . .	52.4	32	47.6	31	51.2	32
<i>Nondurable Goods</i>						
<b>FOOD AND KINDRED PRODUCTS</b> . . . . .	468.1	26	416.8	23	465.5	25
Meat products . . . . .	82.3	26	80.8	26	82.5	26
Meat packing . . . . .	28.5	15	29.0	15	29.0	15
Sausages and other prepared meats . . . . .	13.9	30	14.2	30	14.4	30
Poultry dressing and packing . . . . .	39.9	53	37.6	53	39.1	53
Dairy products . . . . .	42.5	14	45.2	15	43.8	15
Ice cream and frozen desserts . . . . .	6.4	20	7.9	22	6.7	21
Fluid milk . . . . .	25.3	12	26.3	12	25.5	12



**ESTABLISHMENT DATA  
WOMEN EMPLOYMENT**

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

Industry	October 1963		July 1963		October 1962	
	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>						
Canned and preserved food, except meats . . . . .	145.7	49	109.8	42	113.1	47
Canned, cured, and frozen sea foods . . . . .	27.2	59	27.2	57	27.7	60
Canned food, except sea foods . . . . .	65.2	42	47.9	34	68.8	42
Frozen food, except sea foods . . . . .	36.2	61	23.0	49	29.4	52
Grain mill products . . . . .	19.1	14	19.4	14	18.0	14
Flour and other grain mill products . . . . .	4.2	13	4.2	13	4.5	13
Prepared feeds for animals and fowls . . . . .	7.1	12	7.4	12	5.9	10
Bakery products . . . . .	65.9	22	64.6	22	67.1	23
Bread, cake, and perishable products . . . . .	43.9	18	42.9	17	43.7	18
Biscuit, crackers, and pretzels . . . . .	22.0	49	21.7	48	23.4	50
Sugar . . . . .	4.4	9	2.8	9	4.5	10
Confectionery and related products . . . . .	43.6	52	33.8	48	42.6	52
Candy and other confectionery products . . . . .	37.6	56	28.3	52	36.9	56
Beverages . . . . .	27.5	12	24.8	11	27.1	13
Malt liquors . . . . .	3.7	6	3.9	6	3.8	6
Bottled and canned soft drinks . . . . .	10.7	9	11.0	9	10.0	9
Miscellaneous food and kindred products . . . . .	37.1	25	35.6	25	36.8	25
<b>TOBACCO MANUFACTURES . . . . .</b>	<b>50.0</b>	<b>47</b>	<b>33.7</b>	<b>45</b>	<b>53.5</b>	<b>48</b>
Cigarettes . . . . .	14.8	39	14.4	38	14.4	39
Cigars . . . . .	17.7	75	16.1	74	17.4	74
<b>TEXTILE MILL PRODUCTS . . . . .</b>	<b>393.5</b>	<b>44</b>	<b>384.2</b>	<b>43</b>	<b>396.6</b>	<b>44</b>
Cotton broad woven fabrics . . . . .	89.3	38	88.4	38	90.6	38
Silk and synthetic broad woven fabrics . . . . .	27.9	33	27.3	33	27.5	34
Weaving and finishing broad woolens . . . . .	16.8	36	17.1	35	17.7	35
Narrow fabrics and smallwares . . . . .	14.7	54	14.1	54	14.7	53
Knitting . . . . .	151.7	69	148.2	68	154.0	69
Full-fashioned hosiery . . . . .	14.1	73	13.3	72	15.1	71
Seamless hosiery . . . . .	57.5	71	55.9	71	59.9	71
Knit outerwear . . . . .	49.3	73	48.5	73	49.0	73
Knit underwear . . . . .	22.0	73	22.2	74	21.6	74
Finishing textiles, except wool and knit . . . . .	16.4	22	16.2	22	16.3	22
Floor covering . . . . .	11.5	30	11.0	30	11.7	30
Yarn and thread . . . . .	47.1	45	44.9	44	46.3	45
Miscellaneous textile goods . . . . .	18.1	27	17.0	26	17.8	27
<b>APPAREL AND RELATED PRODUCTS . . . . .</b>	<b>1,046.1</b>	<b>79</b>	<b>1,002.5</b>	<b>78</b>	<b>1,012.5</b>	<b>78</b>
Men's and boys' suits and coats . . . . .	77.5	68	77.9	68	81.5	69
Men's and boys' furnishings . . . . .	283.1	85	280.0	85	276.4	85
Men's and boys' shirts and nightwear . . . . .	111.3	88	112.1	88	109.3	88
Men's and boys' separate trousers . . . . .	51.5	81	51.1	81	50.6	81
Work clothing . . . . .	63.4	85	62.2	85	60.8	85
Women's, misses', and juniors' outerwear . . . . .	324.4	81	311.4	81	305.5	81
Women's blouses, waists, and shirts . . . . .	46.4	89	42.7	89	41.4	89
Women's, misses', and juniors' dresses . . . . .	163.5	84	152.6	84	155.8	84
Women's suits, skirts, and coats . . . . .	58.9	68	61.3	68	56.0	67
Women's and misses' outerwear, n.e.c. . . . .	55.6	84	54.8	84	52.3	83
Women's and children's undergarments . . . . .	108.9	87	97.6	86	105.5	87
Women's and children's underwear . . . . .	72.1	89	64.6	88	71.6	89
Corsets and allied garments . . . . .	36.8	84	33.0	83	33.9	84
Hats, caps, and millinery . . . . .	20.7	63	20.1	62	20.9	64
Girls' and children's outerwear . . . . .	68.9	86	69.5	86	67.2	85
Children's dresses, blouses, and shirts . . . . .	33.7	89	34.3	89	32.5	88
Fur goods and miscellaneous apparel . . . . .	56.5	72	52.2	72	56.3	71
Miscellaneous fabricated textile products . . . . .	106.1	64	93.8	62	99.2	64
Housefurnishings . . . . .	41.6	71	36.5	70	39.6	71
<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	<b>133.3</b>	<b>21</b>	<b>129.7</b>	<b>21</b>	<b>132.9</b>	<b>21</b>
Paper and pulp . . . . .	24.5	11	24.4	11	24.6	11
Paperboard . . . . .	6.2	9	6.2	9	6.2	9
Converted paper and paperboard products . . . . .	53.1	35	51.5	35	52.4	36
Bags, except textile bags . . . . .	14.0	38	12.6	37	13.4	39
Paperboard containers and boxes . . . . .	49.5	26	47.6	25	49.7	26
Folding and setup paperboard boxes . . . . .	24.4	35	22.3	34	24.3	35
Corrugated and solid fiber boxes . . . . .	12.0	15	11.8	15	12.3	15

**ESTABLISHMENT DATA  
WOMEN EMPLOYMENT**
**Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued**

Industry	October 1963		July 1963		October 1962	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Nondurable Goods--Continued</i>						
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>	273.2	29	268.5	29	271.4	29
Newspaper publishing and printing	69.6	21	69.7	21	68.0	21
Periodical publishing and printing	33.5	47	31.8	47	32.8	46
Books	32.3	43	31.8	43	31.5	43
Commercial printing	76.1	25	73.8	25	75.9	25
Commercial printing, except lithographic	49.9	24	48.2	24	49.9	25
Commercial printing, lithographic	22.1	25	21.5	25	21.6	25
Bookbinding and related industries	22.9	45	23.2	45	22.6	45
Other publishing and printing industries	38.8	33	38.2	33	40.6	35
<b>CHEMICALS AND ALLIED PRODUCTS</b>	165.6	19	164.3	19	160.2	19
Industrial chemicals	28.2	10	28.9	10	28.0	10
Plastics and synthetics, except glass	28.9	17	28.6	17	27.5	17
Plastics and synthetics, except fibers	7.8	10	7.7	10	7.2	10
Synthetic fibers	20.1	24	19.9	24	19.4	25
Drugs	45.3	39	45.1	38	42.7	38
Pharmaceutical preparations	36.0	42	35.8	41	34.5	41
Soap, cleaners, and toilet goods	36.8	36	34.4	35	35.4	36
Soap and detergents	8.1	22	7.9	22	8.0	22
Toilet preparations	20.3	56	19.0	55	19.8	56
Paints, varnishes, and allied products	10.0	16	10.1	15	10.0	16
Agricultural chemicals	3.9	8	4.0	9	3.8	8
Fertilizers, complete and mixing only	2.3	6	2.3	7	2.2	6
Other chemical products	12.5	16	13.2	16	12.8	16
<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>	15.8	8	16.0	8	16.0	8
Petroleum refining	12.4	8	12.5	8	12.6	8
Other petroleum and coal products	3.4	9	3.5	10	3.4	9
<b>RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS</b>	120.9	29	114.9	29	125.2	30
Tires and inner tubes	11.8	13	12.3	13	13.7	14
Other rubber products	54.5	34	52.9	34	57.6	35
Miscellaneous plastic products	54.6	35	49.7	33	53.9	35
<b>LEATHER AND LEATHER PRODUCTS</b>	184.9	53	183.8	52	187.8	53
Leather tanning and finishing	3.9	12	3.7	12	3.9	12
Footwear, except rubber	132.6	57	134.5	57	133.6	57
Other leather products	48.4	55	45.6	54	50.3	56
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>						
<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b>	20.9	8	17.2	7	21.6	8
Local and suburban transportation	4.2	5	4.3	5	4.4	5
Taxicabs	5.2	5	5.2	5	5.5	5
Intercity and rural bus lines	4.2	10	4.6	11	4.0	10
<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE</b>	76.7	8	76.6	8	75.5	8
<b>AIR TRANSPORTATION</b>	48.4	23	48.2	23	44.7	22
Air transportation, common carriers	46.8	24	46.7	24	43.2	23
<b>PIPELINE TRANSPORTATION</b>	1.5	8	1.6	8	1.6	8
<b>COMMUNICATION</b>	415.1	50	424.2	50	412.1	50
Telephone communication	384.3	56	393.1	56	382.7	56
Radio and television broadcasting	23.1	22	23.2	23	21.5	22
<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	93.2	15	94.9	15	92.5	15
Electric companies and systems	37.8	15	38.4	15	37.5	15
Gas companies and systems	25.2	16	25.4	16	25.0	16
Combined utility systems	24.5	14	25.1	14	24.3	14
Water, steam, and sanitary systems	5.7	15	6.0	15	5.7	15

**ESTABLISHMENT DATA  
WOMEN EMPLOYMENT**

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

Industry	October 1963		July 1963		October 1962	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<b>WHOLESALE AND RETAIL TRADE</b> .....	4,491	37	4,364	37	4,404	38
<b>WHOLESALE TRADE</b> .....	717	22	689	22	697	22
Motor vehicles and automotive equipment .....	41.9	18	41.8	18	41.1	18
Drugs, chemicals, and allied products .....	59.6	31	58.3	31	58.3	31
Dry goods and apparel .....	57.1	42	56.8	42	55.9	42
Groceries and related products .....	114.2	22	110.6	22	111.2	23
Electrical goods .....	55.3	24	55.1	24	53.2	24
Hardware, plumbing, and heating goods .....	31.8	22	32.3	22	31.8	22
Machinery, equipment, and supplies .....	97.7	18	96.4	18	89.8	17
<b>RETAIL TRADE</b> .....	3,774	43	3,675	42	3,707	43
<b>GENERAL MERCHANDISE STORES</b> .....	1,180.4	70	1,097.9	69	1,161.3	71
Department stores .....	685.3	69	634.3	69	676.7	70
Limited price variety stores .....	270.0	82	250.8	82	273.5	83
<b>FOOD STORES</b> .....	467.2	33	459.1	33	456.6	33
Grocery, meat, and vegetable stores .....	369.8	29	361.4	29	358.8	30
<b>APPAREL AND ACCESSORIES STORES</b> .....	404.9	65	374.3	64	403.7	65
Men's and boys' apparel stores .....	36.6	37	35.5	36	35.9	36
Women's ready-to-wear stores .....	206.9	89	191.6	88	204.3	88
Family clothing stores .....	64.5	69	59.7	68	65.4	69
Shoe stores .....	43.4	35	41.5	35	42.5	35
<b>FURNITURE AND APPLIANCE STORES</b> .....	111.0	28	109.1	28	107.9	28
<b>EATING AND DRINKING PLACES</b> .....	978.9	55	1,009.0	56	961.1	55
<b>OTHER RETAIL TRADE</b> .....	631.7	22	625.2	22	616.3	22
Motor vehicle dealers .....	64.6	9	64.3	9	61.1	9
Other vehicle and accessory dealers .....	19.9	12	20.1	12	18.2	12
Drug stores .....	220.0	58	216.6	57	220.4	58
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	1,427	49	1,444	50	1,399	50
Banking .....	450.7	61	454.4	61	438.0	61
Credit agencies other than banks .....	158.9	54	160.0	54	151.5	54
Savings and loan associations .....	56.8	64	57.3	64	52.6	64
Personal credit institutions .....	72.8	47	73.6	47	71.2	47
Security dealers and exchanges .....	37.7	31	38.1	30	37.9	30
Insurance carriers .....	427.1	49	431.9	49	423.6	50
Life insurance .....	196.2	42	197.7	42	193.4	42
Accident and health insurance .....	35.8	69	36.3	69	35.4	69
Fire, marine, and casualty insurance .....	172.1	55	174.8	56	172.7	56
Insurance agents, brokers, and services .....	123.3	56	124.5	56	120.0	56
Real estate .....	193.8	35	197.0	34	190.9	35
Operative builders .....	6.7	12	6.7	12	6.2	12
Other finance, insurance, and real estate .....	35.0	46	37.7	48	37.2	48
<b>SERVICE AND MISCELLANEOUS:</b>						
Hotels and lodging places:						
Hotels, tourist courts, and motels .....	286.8	48	318.3	48	265.8	49
Personal services:						
Laundries, cleaning and dyeing plants .....	339.3	66	340.1	66	339.0	66
Miscellaneous business services:						
Advertising .....	40.1	37	39.9	37	38.2	35
Motion pictures .....	58.5	34	62.1	34	59.2	34
Motion picture filming and distributing .....	11.4	29	11.1	30	11.1	29
Motion picture theatres and services .....	47.1	36	51.0	35	48.1	35
Medical services:						
Hospitals .....	1,067.9	81	1,060.4	81	1,021.3	81

## ESTABLISHMENT DATA

## SEASONALLY ADJUSTED EMPLOYMENT

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

Year and month	1957-59=100												
	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	51.5	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	33.9	-	-
1920.....	52.0	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	32.9	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.0	-	-
1922.....	49.1	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.1	-	-
1923.....	54.0	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.0	-	-
1924.....	53.3	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.4	34.4	-	-
1925.....	54.7	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.4	-	-
1926.....	56.7	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.0	-	-
1927.....	57.0	144.7	55.7	60.3	95.6	54.1	-	-	54.0	46.0	36.9	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	37.9	-	-
1929.....	59.6	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	38.8	24.1	44.5
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	39.8	23.8	46.1
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.3	25.3	47.5
1932.....	44.9	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	40.8	25.2	46.9
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.1	25.5	45.7
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	41.7	29.4	46.5
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.0	34.0	48.0
1936.....	55.3	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.3	46.4	37.3	50.0
1937.....	59.0	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.5	37.6	51.4
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.1	37.4	53.7
1939.....	58.2	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.6	40.9	54.3
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.2	45.0	56.4
1941.....	69.5	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.0	60.5	58.4
1942.....	76.3	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.3	69.4	100.0	57.5
1943.....	80.7	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	76.9	131.2	55.8
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	76.5	132.2	54.8
1945.....	76.8	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.2	126.8	55.1
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.5	70.8	101.8	58.7
1947.....	83.5	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.3	69.3	85.5	63.0
1948.....	85.4	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	71.5	84.1	66.6
1949.....	83.3	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.4	74.1	86.2	69.4
1950.....	86.0	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.2	87.1	72.0
1951.....	91.0	120.6	90.2	98.8	103.7	89.2	90.0	88.9	78.7	80.9	80.8	104.0	71.8
1952.....	92.9	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	83.6	109.3	73.6
1953.....	95.5	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.1	104.1	76.3
1954.....	93.2	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.1	85.4	98.8	80.2
1955.....	96.4	102.9	97.1	101.7	101.6	96.5	96.5	96.4	92.3	91.0	87.5	98.8	83.1
1956.....	99.7	106.8	103.9	103.9	104.1	99.4	99.6	99.4	96.0	94.8	92.1	99.8	89.1
1957.....	100.6	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	96.5	100.1	95.1
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.8	99.9	99.0	100.2
1959.....	101.6	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.2	103.6	100.9	104.7
1960.....	103.4	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.3	107.8	102.5	109.9
1961.....	103.1	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	110.4	111.7	102.9	115.1
1962.....	106.2	84.7	100.8	101.6	95.8	106.1	105.7	106.2	110.6	115.3	116.3	105.7	120.4
1963.....	108.7	82.3	105.0	102.6	96.0	108.6	108.5	108.7	113.3	120.4	120.7	106.5	126.2
1963: January..	107.1	81.9	102.8	101.6	93.7	107.0	106.5	107.2	112.0	117.7	119.1	106.3	124.1
February..	107.4	81.9	101.1	101.7	95.7	107.4	106.8	107.6	112.2	118.2	119.2	105.3	124.7
March.....	107.9	81.9	101.4	102.1	95.5	108.0	107.3	108.3	112.6	119.1	119.6	105.7	125.1
April.....	108.2	83.0	104.1	102.6	95.4	107.9	107.7	108.0	112.8	119.0	119.8	105.6	125.3
May.....	108.5	83.1	104.6	103.0	95.9	108.3	108.0	108.4	113.2	119.4	120.0	105.9	125.4
June.....	108.8	83.0	105.5	102.9	96.1	108.6	108.7	108.6	113.2	120.2	120.3	106.1	125.8
July.....	109.1	83.1	106.3	103.0	96.6	108.8	109.1	108.7	113.4	121.1	120.1	106.2	125.5
August...	109.1	82.5	106.8	102.6	96.7	109.0	108.9	109.1	113.6	121.5	120.2	106.1	125.7
September	109.3	82.1	106.4	102.9	96.9	109.2	109.5	109.1	113.6	121.5	120.9	106.0	126.6
October..	109.6	81.7	106.2	103.1	96.6	109.3	109.6	109.2	114.1	122.3	122.0	106.2	128.2
November..	109.5	81.8	105.9	102.8	96.4	109.3	109.7	109.2	114.1	122.2	122.1	106.0	128.4
December..	109.8	81.7	106.6	103.2	96.0	109.5	110.2	109.2	114.3	122.5	122.9	106.1	129.4
1964: January..	110.0	81.2	104.2	103.3	96.3	110.0	110.6	109.7	114.7	123.0	123.2	106.2	129.8

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 1963 annual averages are preliminary.

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

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

(In thousands)

Industry division and group	Jan. 1964	Dec. 1963	Nov. 1963	Oct. 1963	Sept. 1963	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963
<b>TOTAL</b> .....	57,834	57,747	57,580	57,646	57,453	57,344	57,340	57,194	57,060	56,873	56,706	56,458	56,333
<b>MINING</b> .....	625	629	630	629	632	635	640	639	640	639	631	631	631
<b>CONTRACT CONSTRUCTION</b> .....	3,008	3,077	3,057	3,066	3,071	3,083	3,069	3,046	3,019	3,005	2,928	2,920	2,967
<b>MANUFACTURING</b> .....	17,148	17,122	17,061	17,119	17,076	17,033	17,103	17,075	17,095	17,037	16,948	16,872	16,871
<b>DURABLE GOODS</b> .....	9,755	9,732	9,688	9,718	9,705	9,652	9,701	9,685	9,683	9,660	9,586	9,546	9,542
Ordnance and accessories .....	277	275	275	277	275	275	277	278	276	274	278	279	280
Lumber and wood products .....	597	597	595	589	588	578	564	559	592	588	597	590	593
Furniture and fixtures .....	395	394	392	391	392	393	392	390	388	387	388	386	389
Stone, clay, and glass products .....	613	612	614	611	610	616	615	612	612	607	597	590	595
Primary metal industries .....	1,169	1,167	1,155	1,155	1,164	1,176	1,208	1,202	1,184	1,174	1,145	1,133	1,124
Fabricated metal products .....	1,172	1,168	1,162	1,164	1,165	1,162	1,159	1,156	1,151	1,148	1,136	1,131	1,125
Machinery .....	1,558	1,555	1,548	1,545	1,531	1,525	1,512	1,508	1,506	1,504	1,501	1,499	1,503
Electrical equipment .....	1,566	1,564	1,557	1,571	1,574	1,574	1,587	1,593	1,597	1,595	1,589	1,589	1,593
Transportation equipment .....	1,633	1,629	1,619	1,647	1,635	1,580	1,618	1,623	1,614	1,623	1,597	1,595	1,586
Instruments and related products .....	373	374	373	373	373	375	375	375	370	370	368	366	365
Miscellaneous manufacturing .....	402	397	398	395	398	398	394	389	393	390	390	388	389
<b>NONDURABLE GOODS</b> .....	7,393	7,390	7,373	7,401	7,371	7,381	7,402	7,390	7,412	7,377	7,362	7,326	7,329
Food and kindred products .....	1,742	1,741	1,733	1,742	1,723	1,728	1,730	1,732	1,743	1,738	1,757	1,747	1,752
Tobacco manufactures .....	92	91	95	89	86	91	87	88	89	90	89	89	89
Textile-mill products .....	886	888	889	890	886	887	891	889	889	891	892	890	891
Apparel and related products .....	1,297	1,295	1,291	1,312	1,306	1,302	1,317	1,306	1,317	1,296	1,286	1,273	1,268
Paper and allied products .....	625	623	622	620	622	623	620	620	617	618	619	617	617
Printing and publishing .....	943	940	931	934	935	937	935	936	934	929	910	907	910
Chemicals and allied products .....	871	870	870	871	869	870	870	868	864	862	859	856	853
Petroleum and related products .....	184	187	189	189	190	189	188	187	188	188	188	188	187
Rubber and plastic products .....	407	406	406	402	402	404	408	414	417	416	411	408	411
Leather and leather products .....	346	349	347	352	352	350	353	350	351	349	351	351	351
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	3,925	3,913	3,928	3,937	3,950	3,941	3,936	3,919	3,909	3,890	3,894	3,899	3,821
<b>WHOLESALE AND RETAIL TRADE</b> .....	12,009	11,956	11,941	11,935	11,922	11,907	11,884	11,864	11,825	11,784	11,795	11,729	11,685
<b>WHOLESALE TRADE</b> .....	3,204	3,192	3,176	3,173	3,170	3,155	3,159	3,148	3,129	3,119	3,106	3,093	3,085
<b>RETAIL TRADE</b> .....	8,805	8,764	8,765	8,762	8,752	8,752	8,725	8,716	8,696	8,665	8,689	8,636	8,600
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	2,903	2,892	2,887	2,887	2,873	2,873	2,870	2,865	2,864	2,853	2,848	2,839	2,834
<b>SERVICE AND MISCELLANEOUS</b> .....	8,477	8,446	8,423	8,430	8,377	8,373	8,349	8,282	8,228	8,199	8,207	8,144	8,110
<b>GOVERNMENT</b> .....	9,739	9,712	9,653	9,643	9,552	9,499	9,489	9,504	9,480	9,466	9,455	9,424	9,414
<b>FEDERAL</b> .....	2,352	2,349	2,347	2,352	2,347	2,348	2,351	2,349	2,345	2,346	2,340	2,332	2,353
<b>STATE AND LOCAL</b> .....	7,387	7,363	7,306	7,291	7,205	7,151	7,138	7,155	7,135	7,127	7,115	7,092	7,061

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

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

(In thousands)

Major industry group	Jan. 1964	Dec. 1963	Nov. 1963	Oct. 1963	Sept. 1963	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963
<b>MANUFACTURING</b> .....	12,672	12,654	12,590	12,649	12,611	12,575	12,650	12,628	12,647	12,604	12,521	12,455	12,453
<b>DURABLE GOODS</b> .....	7,146	7,129	7,081	7,110	7,097	7,051	7,103	7,086	7,081	7,070	6,994	6,956	6,950
Ordnance and accessories .....	118	118	117	120	119	119	119	120	119	118	119	120	121
Lumber and wood products .....	537	535	532	526	525	517	503	498	530	528	538	531	533
Furniture and fixtures .....	329	328	325	325	326	326	326	325	323	322	322	321	323
Stone, clay, and glass products .....	493	495	495	491	490	496	498	493	492	489	480	474	476
Primary metal industries .....	945	943	932	931	939	953	984	977	962	952	922	911	900
Fabricated metal products .....	903	897	891	895	895	891	891	888	883	881	868	864	860
Machinery .....	1,085	1,082	1,074	1,074	1,061	1,058	1,045	1,042	1,040	1,041	1,038	1,038	1,045
Electrical equipment .....	1,045	1,045	1,041	1,051	1,049	1,051	1,061	1,069	1,068	1,067	1,061	1,059	1,063
Transportation equipment .....	1,132	1,129	1,116	1,143	1,136	1,079	1,118	1,122	1,112	1,123	1,099	1,094	1,085
Instruments and related products .....	236	238	238	237	237	240	241	240	237	236	234	233	233
Miscellaneous manufacturing .....	323	319	320	317	320	321	317	312	315	313	313	311	311
<b>NONDURABLE GOODS</b> .....	5,526	5,525	5,509	5,539	5,514	5,524	5,547	5,542	5,566	5,534	5,527	5,499	5,503
Food and kindred products .....	1,161	1,154	1,148	1,159	1,143	1,149	1,148	1,151	1,158	1,152	1,172	1,163	1,167
Tobacco manufactures .....	78	80	82	77	73	79	75	75	77	78	77	77	77
Textile mill products .....	794	795	796	795	793	793	798	797	798	800	800	799	800
Apparel and related products .....	1,148	1,148	1,144	1,164	1,159	1,154	1,169	1,160	1,171	1,153	1,141	1,130	1,125
Paper and allied products .....	490	490	488	488	488	490	490	489	488	486	488	486	487
Printing and publishing .....	599	597	590	591	593	594	594	594	595	591	581	579	582
Chemicals and allied products .....	525	525	524	527	526	527	527	527	525	524	521	521	519
Petroleum and related products .....	114	118	119	120	120	120	120	119	120	120	119	119	118
Rubber and plastic products .....	312	311	311	308	309	310	315	321	324	323	318	315	318
Leather and leather products .....	305	307	307	310	310	308	311	309	310	307	310	310	310

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

**ESTABLISHMENT DATA  
STATE EMPLOYMENT**
**Table B-7: Employees on nonagricultural payrolls, by industry division and State**

(In thousands)

State	TOTAL			Mining			Contract construction		
	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
Alabama	817.6	810.7	803.1	8.6	8.7	9.0	39.3	41.9	38.0
Alaska	57.5	60.0	55.3	1.0	1.1	1.0	2.7	3.8	2.6
Arizona	390.8	385.1	377.9	15.1	15.0	15.0	26.9	27.3	28.5
Arkansas	407.2	408.9	402.9	5.3	5.3	5.4	22.6	24.5	24.9
California	5,537.5	5,487.4	5,375.3	29.9	29.9	29.8	314.9	321.4	301.8
Colorado	568.5	568.2	556.0	11.5	11.6	11.2	34.0	37.5	33.7
Connecticut <sup>1</sup>	989.2	977.8	971.8	(2)	(2)	(2)	47.0	48.6	42.9
Delaware	164.5	165.2	157.5	(3)	(3)	(3)	12.4	13.2	10.1
District of Columbia	595.7	589.1	580.9	(3)	(3)	(3)	25.7	26.4	23.8
Florida	1,467.8	1,439.3	1,430.9	8.6	8.5	8.6	114.8	116.1	113.9
Georgia	1,161.2	1,156.6	1,124.8	5.8	5.8	5.4	57.1	60.3	55.9
Hawaii	196.8	194.3	195.8	(3)	(3)	(3)	14.8	14.5	15.5
Idaho	165.8	167.5	163.5	2.9	2.9	3.2	8.4	9.3	8.3
Illinois	3,675.6	3,656.7	3,627.2	27.2	27.6	27.8	141.1	158.7	141.5
Indiana	1,517.4	1,514.1	1,480.1	8.9	9.2	8.7	58.9	66.9	52.3
Iowa	705.4	706.2	692.4	3.1	3.4	3.1	29.5	35.0	29.7
Kansas	584.6	585.0	578.1	14.5	14.9	15.5	31.3	35.8	34.2
Kentucky	712.3	705.8	689.6	29.4	29.2	28.8	44.7	49.3	39.5
Louisiana	830.6	826.5	817.0	43.9	43.5	43.2	61.1	61.9	55.7
Maine	279.4	279.1	280.8	(3)	(3)	(3)	12.6	14.1	12.6
Maryland	1,015.6	1,006.8	978.4	2.5	2.5	2.5	68.7	73.4	64.4
Massachusetts	1,994.2	1,974.5	1,989.0	(3)	(3)	(3)	86.6	91.7	78.4
Michigan	2,460.2	2,434.6	2,409.2	13.4	13.8	12.4	96.9	105.3	84.5
Minnesota	1,007.2	1,014.6	993.8	12.2	13.5	12.6	49.9	60.2	49.7
Mississippi	440.2	441.8	435.2	6.4	6.3	6.6	20.5	23.1	22.3
Missouri <sup>1</sup>	1,411.4	1,408.8	1,383.1	7.5	7.5	6.1	61.2	69.8	63.5
Montana	172.4	174.9	173.5	7.0	7.1	7.1	10.6	13.3	11.2
Nebraska	393.9	396.7	394.6	2.0	2.2	2.4	20.6	24.7	21.9
Nevada	143.1	144.8	133.0	2.8	2.8	3.0	14.4	15.3	15.4
New Hampshire	202.3	202.2	201.3	.3	.3	.3	9.0	10.2	8.9
New Jersey	2,111.4	2,110.6	2,100.9	3.7	3.7	3.4	99.5	103.6	93.8
New Mexico	254.6	254.3	246.7	17.4	17.5	18.5	17.7	18.5	16.7
New York	(4)	6,380.6	6,374.1	(4)	8.8	8.7	(4)	281.6	263.5
North Carolina	1,320.2	1,318.3	1,286.7	2.4	2.4	3.1	67.6	71.3	65.8
North Dakota	131.7	135.1	130.9	1.7	1.9	1.8	9.2	12.0	10.1
Ohio	3,166.2	3,168.8	3,122.0	19.0	19.4	18.6	116.3	137.3	107.5
Oklahoma	615.6	611.9	608.8	43.0	41.7	42.7	32.8	34.6	31.8
Oregon	552.4	550.4	539.0	1.6	1.6	1.1	24.8	25.6	26.7
Pennsylvania	3,742.8	3,731.9	3,715.6	45.6	45.3	45.7	141.2	155.3	146.5
Rhode Island <sup>1</sup>	301.2	301.3	300.9	(3)	(3)	(3)	12.3	13.4	11.9
South Carolina	629.0	624.1	621.9	1.6	1.6	1.6	33.2	33.7	34.8
South Dakota	149.4	152.2	149.3	2.5	2.5	2.4	10.0	12.7	10.8
Tennessee	1,007.7	1,003.7	981.4	6.5	6.6	7.0	48.0	52.9	46.2
Texas	2,752.4	2,726.4	2,689.2	118.4	118.4	120.4	183.9	191.3	173.2
Utah	298.2	298.3	292.9	11.7	11.8	12.6	15.8	17.6	16.2
Vermont	107.8	107.6	108.4	1.2	1.2	1.2	4.6	5.8	4.6
Virginia <sup>1</sup>	1,157.3	1,152.5	1,113.8	15.7	15.7	15.9	81.1	85.4	73.1
Washington	857.5	855.8	855.4	1.6	1.7	1.8	39.3	41.5	41.9
West Virginia	453.3	453.5	444.3	46.1	46.3	45.6	17.3	19.5	14.9
Wisconsin	1,254.1	1,251.9	1,232.9	2.4	2.8	2.6	52.6	56.7	51.4
Wyoming	92.9	95.8	91.9	9.6	9.7	9.5	9.5	11.6	7.2

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT**

**Table B-7: Employees on nonagricultural payrolls, by industry division and State--Continued**

(In thousands)

State	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
Alabama.....	242.9	243.3	238.7	49.3	49.1	49.1	168.6	160.3	164.4
Alaska.....	3.6	4.3	3.6	6.5	6.8	6.7	8.7	8.7	8.2
Arizona.....	57.6	57.6	57.0	25.5	25.3	25.1	98.4	93.9	92.2
Arkansas.....	115.6	117.1	111.5	28.1	28.7	28.0	90.0	87.6	89.9
California.....	1,402.8	1,421.4	1,397.4	366.9	366.0	361.5	1,243.6	1,186.4	1,201.9
Colorado.....	96.2	97.8	93.5	43.8	44.0	43.3	137.5	132.4	134.5
Connecticut <sup>1</sup> .....	423.2	421.8	425.2	45.4	45.3	44.5	183.5	174.8	178.7
Delaware.....	59.2	59.2	55.7	10.6	10.5	10.6	32.6	31.9	32.7
District of Columbia.....	20.5	20.5	20.4	31.4	31.0	31.1	90.8	88.2	89.3
Florida.....	237.1	233.8	228.0	104.9	103.4	103.7	403.0	386.0	394.1
Georgia.....	360.1	362.9	351.0	75.7	75.8	74.0	255.0	243.6	245.1
Hawaii.....	21.6	21.3	21.9	15.1	15.1	15.5	48.6	46.7	47.7
Idaho.....	34.1	34.9	32.5	14.2	14.3	14.1	41.7	40.7	42.1
Illinois.....	1,220.4	1,218.8	1,204.0	273.2	274.5	273.1	798.9	776.0	792.4
Indiana.....	611.7	611.4	603.4	88.1	88.3	88.7	312.8	303.1	304.2
Iowa.....	181.0	181.0	176.9	49.2	49.3	49.4	179.6	175.1	175.1
Kansas.....	116.6	116.3	116.2	51.6	51.7	51.6	138.0	134.6	135.7
Kentucky.....	185.5	179.5	176.9	50.8	51.1	50.7	159.8	150.9	155.1
Louisiana.....	151.5	152.1	145.7	76.5	77.7	79.1	188.4	182.4	190.7
Maine.....	101.9	102.1	103.5	17.2	17.1	17.0	56.0	54.2	56.1
Maryland.....	258.9	261.3	256.4	73.1	72.1	71.9	235.4	223.3	225.2
Massachusetts.....	654.4	658.5	680.2	103.3	103.4	104.7	427.3	407.1	419.8
Michigan.....	990.2	981.9	977.6	128.9	130.8	127.6	474.3	454.1	475.1
Minnesota.....	241.8	243.2	238.2	79.3	80.1	77.6	251.2	243.7	249.6
Mississippi.....	133.0	134.6	130.2	25.2	25.8	24.4	90.6	87.8	89.4
Missouri <sup>1</sup> .....	400.9	400.3	388.5	116.3	116.2	116.4	328.7	319.5	324.9
Montana.....	22.3	22.7	23.5	17.7	17.7	17.5	41.1	40.2	41.7
Nebraska.....	66.6	67.3	67.7	35.1	35.3	36.0	99.7	97.3	100.0
Nevada.....	6.6	6.7	6.2	11.4	11.4	10.0	27.8	27.2	25.2
New Hampshire.....	85.6	85.4	87.9	9.7	9.6	9.6	38.1	37.2	37.1
New Jersey.....	781.5	788.8	804.1	151.3	152.3	152.4	428.1	412.9	415.6
New Mexico.....	16.9	17.1	16.5	20.0	20.1	19.9	55.5	53.4	53.2
New York.....	(4)	1,847.1	1,832.8	(4)	470.3	472.9	(4)	1,313.4	1,359.5
North Carolina.....	544.9	553.7	533.2	68.8	68.5	66.4	254.9	243.0	248.6
North Dakota.....	8.6	9.0	6.6	11.8	11.9	12.1	37.2	36.6	38.1
Ohio.....	1,224.0	1,226.5	1,211.6	195.6	197.4	196.9	646.2	619.6	642.6
Oklahoma.....	93.4	93.6	89.8	46.2	46.2	47.2	144.7	140.3	147.1
Oregon.....	142.7	146.3	138.7	43.3	43.1	43.0	127.8	123.0	125.0
Pennsylvania.....	1,393.7	1,397.2	1,380.1	264.3	264.5	263.0	727.5	698.4	727.2
Rhode Island <sup>1</sup> .....	115.6	117.0	117.2	14.6	14.6	14.3	59.3	56.8	59.0
South Carolina.....	268.1	268.7	263.0	26.6	26.7	25.9	113.0	106.9	111.5
South Dakota.....	13.2	13.5	14.1	9.9	10.0	10.2	40.5	40.3	40.7
Tennessee.....	336.8	338.8	327.2	56.4	57.0	55.6	216.8	205.7	212.6
Texas.....	514.9	515.1	499.8	227.0	224.9	223.2	710.9	681.0	696.6
Utah.....	54.3	55.0	54.1	21.4	21.6	21.7	69.7	66.9	68.0
Vermont.....	34.0	34.0	35.9	6.9	6.9	6.8	21.5	21.0	21.6
Virginia <sup>1</sup> .....	302.3	304.3	295.4	84.3	83.7	82.8	249.3	239.4	241.3
Washington.....	219.4	223.2	223.8	59.7	60.2	59.7	195.6	189.1	194.0
West Virginia.....	124.4	125.8	121.2	40.8	40.8	40.1	85.2	80.8	84.0
Wisconsin.....	455.1	457.1	454.5	72.2	74.0	72.2	270.7	261.6	265.8
Wyoming.....	7.1	7.2	7.4	10.1	10.2	10.9	19.2	19.0	20.1

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT**
**Table B-7: Employees on nonagricultural payrolls, by industry division and State--Continued**

State	(In thousands)								
	Finance, insurance, and real estate			Service and miscellaneous			Government		
	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
Alabama	33.8	33.8	33.6	101.0	101.8	98.7	173.3	171.8	171.6
Alaska	1.9	1.9	1.7	6.2	6.2	6.0	26.9	27.2	25.5
Arizona	20.3	20.2	19.2	61.0	60.4	58.4	86.0	85.4	82.5
Arkansas	15.8	15.6	15.3	51.1	50.9	50.0	78.7	79.2	77.9
California	286.7	286.4	277.0	850.6	847.3	806.3	1,042.1	1,028.6	999.6
Colorado	28.5	28.5	28.2	87.6	87.8	84.7	129.4	128.6	126.9
Connecticut <sup>1</sup>	57.4	57.3	55.9	125.1	125.6	120.7	107.7	104.4	104.0
Delaware	6.5	6.5	6.3	21.0	21.7	21.0	22.2	22.2	21.1
District of Columbia <sup>5</sup>	30.1	30.1	29.3	100.9	100.6	99.5	296.3	292.3	287.5
Florida	89.7	89.5	87.3	245.5	240.7	241.0	264.2	261.3	254.3
Georgia	54.7	54.8	52.6	132.9	133.3	128.2	219.9	220.1	212.6
Hawaii	11.0	10.9	10.9	33.4	33.6	32.2	52.3	52.2	52.1
Idaho	6.5	6.5	6.4	20.6	20.8	19.9	37.4	38.1	37.0
Illinois	196.4	196.6	194.5	535.6	536.5	518.5	482.8	468.0	475.4
Indiana	62.0	62.2	60.8	157.0	157.7	152.1	217.8	215.4	209.8
Iowa	34.1	34.0	33.0	102.2	102.0	100.9	126.6	126.3	124.4
Kansas	24.7	24.7	24.4	78.8	78.7	75.9	129.1	128.3	124.6
Kentucky	26.7	26.9	26.6	89.9	91.5	87.3	125.5	127.5	124.6
Louisiana	37.1	37.1	36.7	113.2	113.0	108.6	158.9	158.8	157.3
Maine	9.7	9.6	9.6	30.0	30.3	30.0	52.0	51.7	52.0
Maryland <sup>5</sup>	50.0	49.8	47.8	152.6	152.6	144.1	174.4	171.8	166.1
Massachusetts	105.0	104.9	104.0	339.4	342.0	326.3	278.2	266.9	275.6
Michigan	90.9	91.1	87.6	295.6	297.3	284.1	370.1	360.4	360.3
Minnesota	50.1	50.1	50.8	153.2	153.7	149.7	169.6	170.1	165.7
Mississippi	15.5	15.4	15.3	50.0	50.3	49.8	99.0	98.7	97.3
Missouri <sup>1</sup>	76.4	76.1	74.6	201.7	203.2	196.7	218.7	216.2	212.4
Montana	6.7	6.8	6.8	23.6	23.6	23.4	43.4	43.5	42.3
Nebraska	24.0	24.0	23.5	59.9	60.2	58.6	86.0	85.6	84.4
Nevada	6.0	5.9	5.0	49.3	50.7	45.4	24.8	24.8	22.8
New Hampshire	7.7	7.7	7.5	26.5	26.6	25.6	25.5	25.2	24.3
New Jersey	94.7	94.7	93.2	288.1	291.1	276.7	264.5	263.5	261.7
New Mexico	11.2	11.2	10.6	43.0	43.4	41.2	72.9	73.1	70.1
New York	(4)	508.8	505.2	(4)	1,043.2	1,014.0	(4)	907.3	917.5
North Carolina	50.0	50.1	47.5	140.2	139.8	137.4	191.4	189.5	184.7
North Dakota	6.2	6.3	6.0	23.1	23.1	22.5	33.8	34.4	33.8
Ohio	127.3	127.6	124.4	391.2	393.5	382.5	446.6	447.5	438.0
Oklahoma	28.7	28.7	29.0	80.3	81.3	78.8	146.5	145.5	142.4
Oregon	24.5	24.6	23.5	75.3	74.5	71.9	112.4	111.7	109.1
Pennsylvania	156.9	157.1	155.5	533.3	534.8	522.2	480.3	479.3	475.4
Rhode Island <sup>1</sup>	13.6	13.5	13.2	42.0	43.1	41.9	43.8	42.9	43.4
South Carolina	23.7	23.8	23.4	59.4	59.6	59.0	103.4	103.1	102.7
South Dakota	6.4	6.4	6.6	24.5	24.7	23.3	42.5	42.3	41.4
Tennessee	43.9	44.0	42.8	135.2	135.8	131.0	164.1	162.9	159.0
Texas	142.7	142.8	136.9	369.5	369.9	361.7	485.1	483.0	472.4
Utah	12.4	12.4	12.1	38.7	39.2	36.8	74.2	73.8	71.4
Vermont	4.3	4.3	4.1	18.1	17.5	17.4	17.3	17.1	16.9
Virginia <sup>1,5</sup>	49.9	49.8	47.1	150.8	152.2	141.7	223.9	222.0	216.5
Washington	42.4	42.5	41.6	112.6	113.8	109.1	186.9	183.8	183.5
West Virginia	13.3	13.4	13.2	52.7	53.4	52.1	73.5	73.5	73.2
Wisconsin	48.4	48.5	47.4	157.9	158.2	154.4	194.8	193.0	184.5
Wyoming	3.1	3.1	3.2	9.6	9.8	10.1	24.7	25.2	23.5

<sup>1</sup> Revised series; not strictly comparable with previously published data.

<sup>2</sup> Combined with construction.

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

<sup>4</sup> Not available.

<sup>5</sup> Federal employment in the Maryland and Virginia sectors of the District of Columbia metropolitan area is included in data for District of Columbia.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.



**ESTABLISHMENT DATA  
AREA EMPLOYMENT**

**Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division**

(In thousands)

Industry division	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
	<b>ALABAMA</b>						<b>ARIZONA</b>					
	Birmingham			Mobile			Phoenix			Tucson		
TOTAL.....	200.6	199.1	198.6	93.9	93.4	92.6	222.9	218.9	210.9	79.3	78.4	81.6
Mining.....	3.9	3.9	4.1	(1)	(1)	(1)	.2	.2	.2	3.2	3.1	3.3
Contract construction..	10.3	10.7	10.3	5.3	5.5	5.2	16.0	16.0	15.6	6.1	6.2	7.8
Manufacturing.....	59.5	59.6	58.7	17.1	17.4	15.2	42.5	42.1	40.2	7.6	7.8	9.8
Trans. and pub. util...	16.0	16.0	15.7	9.8	9.4	9.7	14.0	13.9	13.7	5.1	5.1	5.3
Trade.....	49.4	47.6	49.9	20.9	20.3	20.3	60.7	57.7	56.0	19.1	18.3	18.8
Finance.....	14.2	14.2	14.0	4.0	4.0	4.0	14.3	14.3	13.5	3.8	3.8	3.6
Service.....	24.7	24.7	24.4	11.6	11.6	11.1	35.6	35.4	33.4	14.1	14.0	14.0
Government.....	22.6	22.4	21.5	25.2	25.2	27.1	39.6	39.3	36.3	20.3	20.1	19.0
<b>ARKANSAS</b>												
Fayetteville			Fort Smith			Little Rock - N. Little Rock			Pine Bluff			
TOTAL.....	16.8	16.7	15.7	29.7	29.9	29.5	91.5	92.2	87.5	19.8	19.7	19.1
Mining.....	(1)	(1)	(1)	.3	.3	.2	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	.9	1.0	.7	1.8	2.0	1.9	6.6	7.6	6.0	1.4	1.5	1.3
Manufacturing.....	4.8	4.7	4.3	10.8	11.1	11.0	17.4	17.8	15.4	5.1	5.1	5.1
Trans. and pub. util...	1.3	1.3	1.3	1.8	1.8	1.8	8.0	8.0	7.8	2.6	2.6	2.5
Trade.....	3.8	3.6	3.6	7.1	6.8	6.8	21.0	20.3	21.0	3.9	3.7	3.9
Finance.....	.5	.5	.4	.9	.9	.9	6.8	6.8	6.5	.7	.7	.6
Service.....	2.0	2.0	1.9	3.9	3.9	3.8	13.3	13.3	13.2	1.8	1.8	1.7
Government.....	3.6	3.6	3.6	3.1	3.1	3.2	18.4	18.3	17.6	4.3	4.3	3.9
<b>CALIFORNIA</b>												
Bakersfield			Fresno			Los Angeles - Long Beach			Sacramento			
TOTAL.....	75.6	75.3	73.9	93.8	94.9	89.6	2,687.5	2,648.0	2,619.8	188.2	187.2	181.7
Mining.....	6.8	6.8	6.7	1.1	1.1	1.1	12.0	11.9	11.9	.2	.2	.2
Contract construction..	3.7	3.6	3.4	5.2	5.3	5.0	139.2	141.2	135.1	11.5	12.3	11.0
Manufacturing.....	7.6	7.7	7.3	15.4	16.5	14.1	855.0	857.7	860.1	31.8	32.1	30.7
Trans. and pub. util...	5.8	5.9	5.7	8.3	8.3	8.0	148.5	146.7	146.0	12.9	13.1	12.5
Trade.....	17.5	16.7	17.5	25.7	25.6	25.1	610.1	577.6	587.9	39.2	37.5	37.3
Finance.....	2.8	2.7	2.6	4.2	4.1	3.9	143.6	143.4	137.3	8.0	8.0	7.9
Service.....	10.7	11.3	10.1	13.8	14.2	13.2	420.4	417.7	401.5	20.1	19.9	18.8
Government.....	20.7	20.6	20.6	20.1	19.8	19.2	358.7	351.8	340.0	64.5	64.1	63.3
<b>CALIFORNIA - Continued</b>												
San Bernardino - Riverside - Ontario			San Diego			San Francisco - Oakland			San Jose			
TOTAL.....	216.9	214.0	209.6	268.8	266.0	267.8	1,091.5	1,077.8	1,064.0	254.6	253.7	239.9
Mining.....	1.6	1.6	1.3	.5	.5	.5	1.8	1.8	1.8	.1	.1	.1
Contract construction..	15.6	15.9	15.4	16.9	17.1	17.2	65.6	67.0	60.6	18.3	18.7	17.3
Manufacturing.....	36.1	36.3	35.2	54.9	56.2	58.7	195.8	198.0	195.3	83.8	85.2	82.9
Trans. and pub. util...	15.3	15.1	15.1	14.5	14.5	13.8	106.9	107.2	105.4	10.4	10.5	9.9
Trade.....	49.6	46.9	47.4	60.3	56.9	58.9	251.7	239.7	243.8	47.0	44.7	43.5
Finance.....	8.1	8.1	7.8	11.9	11.8	11.3	80.4	80.3	77.6	9.3	9.3	8.7
Service.....	32.8	32.5	31.2	44.8	44.5	43.2	159.9	158.8	154.2	46.7	46.7	41.6
Government.....	57.8	57.6	56.2	65.0	64.5	64.2	229.4	225.0	225.3	39.0	38.5	35.9
<b>CALIFORNIA Continued</b>												
Stockton			Denver			Bridgeport <sup>2</sup>			Hartford <sup>2</sup>			
TOTAL.....	66.0	65.9	64.1	368.1	366.4	362.8	134.6	132.8	129.7	261.1	257.4	257.6
Mining.....	.1	.1	.1	3.2	3.2	3.7	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	3.5	3.7	3.3	21.1	23.1	23.1	4.9	5.1	4.7	11.9	12.8	11.4
Manufacturing.....	12.2	12.1	11.4	69.7	70.2	68.7	70.3	70.2	68.1	94.1	93.3	95.3
Trans. and pub. util...	5.4	5.5	5.7	30.5	30.5	30.1	5.6	5.6	5.3	9.7	9.7	9.3
Trade.....	16.9	16.8	16.3	93.2	89.7	92.0	24.6	23.6	23.9	52.3	49.0	51.1
Finance.....	2.2	2.2	2.2	21.7	21.7	21.6	3.7	3.6	3.4	33.8	33.8	32.9
Service.....	9.1	9.0	8.5	60.4	60.6	57.0	14.5	14.5	13.4	32.5	32.7	31.2
Government.....	16.6	16.5	16.6	68.3	67.4	66.6	11.1	10.2	10.9	26.8	26.1	26.4

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

**ESTABLISHMENT DATA  
AREA EMPLOYMENT**
**Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued**

Industry division	(In thousands)											
	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
<b>CONNECTICUT - Continued</b>												
	New Britain <sup>2</sup>			New Haven <sup>2</sup>			Stamford <sup>2</sup>			Waterbury <sup>2</sup>		
TOTAL.....	42.0	41.2	41.0	131.1	130.2	130.7	64.8	64.0	64.0	68.5	68.1	69.1
Mining.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	1.3	1.4	1.2	7.2	7.7	6.9	3.1	3.5	3.2	1.7	1.9	1.8
Manufacturing.....	24.5	23.9	23.9	41.9	42.3	44.3	24.2	24.0	24.2	37.5	37.7	38.5
Trans. and pub. util...	1.9	1.9	1.8	12.7	12.8	12.6	2.8	2.8	2.8	2.8	2.8	2.8
Trade.....	6.4	6.0	6.2	26.1	25.4	25.6	14.3	13.3	14.2	10.7	10.1	10.6
Finance.....	.9	.9	.9	7.1	7.2	6.8	2.7	2.7	2.6	1.7	1.7	1.7
Service.....	4.0	4.0	3.9	22.9	22.8	21.9	11.5	11.6	11.0	7.7	7.7	7.6
Government.....	3.1	3.0	3.1	13.2	12.2	12.6	6.3	6.1	6.0	6.4	6.2	6.2
<b>DELAWARE</b>												
<b>DISTRICT OF COLUMBIA</b>												
<b>FLORIDA</b>												
	Wilmington			Washington			Jacksonville			Miami		
TOTAL.....	141.1	141.5	136.4	844.5	837.2	819.9	154.2	151.4	151.1	328.6	322.0	327.4
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	9.4	10.1	8.0	64.8	67.2	57.9	10.4	10.3	10.2	19.0	19.4	19.8
Manufacturing.....	57.8	57.6	55.2	38.4	38.5	37.9	21.0	21.1	20.6	46.6	46.1	46.8
Trans. and pub. util...	8.6	8.5	8.4	48.0	47.7	47.3	16.1	15.7	16.3	34.8	34.4	34.2
Trade.....	26.4	25.7	26.7	166.9	161.7	163.7	45.8	43.5	43.9	93.2	89.4	93.9
Finance.....	5.4	5.4	5.3	45.7	45.7	44.5	14.1	14.1	14.0	23.4	23.1	22.9
Service.....	17.5	18.1	17.7	152.0	151.8	149.9	21.1	21.1	20.5	67.6	65.8	67.9
Government.....	16.0	16.1	15.1	328.7	324.6	318.7	25.7	25.6	25.6	44.0	43.8	41.9
<b>FLORIDA - Continued</b>												
<b>GEORGIA</b>												
<b>HAWAII</b>												
	Tampa - St. Petersburg			Atlanta			Savannah			Honolulu		
TOTAL.....	216.5	212.5	213.8	428.6	425.5	406.5	54.8	55.0	53.7	167.3	164.8	165.2
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	18.8	18.8	19.4	24.7	25.7	21.5	3.9	4.0	3.4	12.9	12.5	13.5
Manufacturing.....	38.8	38.9	38.1	97.5	98.2	91.2	14.2	14.8	14.2	14.7	14.3	14.6
Trans. and pub. util...	14.8	14.7	14.8	39.6	39.6	37.9	5.8	5.8	6.2	12.8	12.9	12.9
Trade.....	65.0	62.4	63.8	114.9	109.9	109.6	11.9	11.4	12.0	42.3	40.4	40.7
Finance.....	13.0	12.9	12.8	30.5	30.7	29.6	3.1	3.1	2.8	10.2	10.2	10.1
Service.....	34.6	34.3	34.0	59.6	59.7	57.1	6.9	6.9	6.8	29.2	29.4	28.5
Government.....	31.5	30.5	30.9	61.8	61.7	59.6	9.0	9.0	8.3	45.2	45.1	44.9
<b>IDAHO</b>												
<b>ILLINOIS</b>												
<b>INDIANA</b>												
	Boise			Chicago			Evansville			Fort Wayne		
TOTAL.....	29.3	29.2	29.5	2,564.8	2,548.4	2,545.9	66.6	66.2	64.6	89.4	89.6	90.2
Mining.....	(1)	(1)	(1)	6.4	6.3	6.7	1.5	1.5	1.6	(1)	(1)	(1)
Contract construction..	1.9	2.0	1.9	98.3	109.8	98.3	2.4	2.9	2.3	3.7	4.2	4.0
Manufacturing.....	2.6	2.6	2.7	863.4	865.2	862.9	25.9	25.4	24.1	35.7	36.0	36.7
Trans. and pub. util...	2.8	2.8	2.8	194.9	196.3	194.8	4.3	4.3	4.4	7.0	7.0	7.1
Trade.....	8.7	8.4	8.8	566.4	547.9	566.4	15.4	15.0	15.0	20.5	19.9	20.2
Finance.....	2.1	2.1	2.0	155.9	155.9	154.5	2.4	2.4	2.4	4.9	4.9	4.8
Service.....	4.2	4.2	4.2	400.9	402.0	388.2	8.6	8.6	8.7	10.2	10.3	10.0
Government.....	7.0	7.1	7.1	278.5	265.1	274.3	6.1	6.1	6.1	7.4	7.3	7.4
<b>INDIANA - Continued</b>												
<b>IOWA</b>												
<b>KANSAS</b>												
	Indianapolis			South Bend			Des Moines			Topeka		
TOTAL.....	309.4	308.2	307.8	81.9	83.1	82.0	104.6	103.6	102.9	49.6	50.2	50.0
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	.1	.1	.1
Contract construction..	12.5	14.4	12.3	2.5	3.1	2.4	4.5	4.8	3.7	2.6	3.4	3.0
Manufacturing.....	104.2	103.7	104.3	35.8	36.6	36.8	21.2	21.2	21.0	6.5	6.6	6.6
Trans. and pub. util...	21.7	21.8	21.5	3.8	3.9	3.9	7.9	8.0	8.3	6.9	6.9	7.0
Trade.....	71.7	69.5	71.5	16.9	16.4	16.4	27.6	26.8	27.7	10.6	10.3	10.7
Finance.....	20.9	20.9	20.5	4.3	4.2	4.2	12.0	12.0	11.7	2.8	2.8	2.8
Service.....	33.3	33.6	32.5	12.1	12.2	11.5	16.2	16.1	15.8	7.8	7.8	7.6
Government.....	45.1	44.3	45.2	6.5	6.7	6.8	15.4	14.9	14.9	12.4	12.4	12.4

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

**ESTABLISHMENT DATA  
AREA EMPLOYMENT**

**Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued**

(In thousands)

Industry division	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
	KANSAS - Continued			KENTUCKY			LOUISIANA					
	Wichita			Louisville			Baton Rouge			New Orleans		
<b>TOTAL</b> .....	180.5	119.6	180.1	254.4	255.5	249.0	72.4	71.9	71.4	299.0	297.3	294.9
Mining.....	1.5	1.5	1.5	(1)	(1)	(1)	.3	.3	.4	9.0	9.0	9.2
Contract construction..	5.3	5.8	5.4	11.5	13.2	11.1	5.9	6.3	5.9	17.3	17.9	17.9
Manufacturing.....	42.1	41.8	42.0	88.7	89.6	85.3	15.2	15.2	16.2	50.0	49.8	45.9
Trans. and pub. util...	6.6	6.6	6.5	20.5	20.5	20.3	4.5	4.5	4.4	41.1	41.3	40.7
Trade.....	28.1	27.0	28.0	57.0	55.4	57.3	16.3	15.4	15.7	74.1	72.2	74.4
Finance.....	5.7	5.7	5.8	12.9	13.0	12.7	3.8	3.8	3.7	18.2	18.1	18.1
Service.....	17.1	17.1	16.6	35.2	36.1	33.9	9.4	9.3	8.8	49.4	49.3	49.5
Government.....	14.4	14.3	14.5	28.7	27.7	28.2	17.1	17.1	16.4	39.9	39.7	39.2
	LOUISIANA - Continued			MAINE			MARYLAND					
	Shreveport			Lewiston - Auburn			Portland			Baltimore		
<b>TOTAL</b> .....	76.8	76.1	75.9	25.1	25.0	26.3	52.9	52.5	53.2	659.2	652.0	643.9
Mining.....	5.5	5.5	5.4	(1)	(1)	(1)	(1)	(1)	(1)	.9	.9	.9
Contract construction..	6.5	6.5	6.0	1.1	1.2	1.2	2.7	2.8	2.7	36.3	41.3	36.0
Manufacturing.....	9.6	9.6	9.2	11.9	12.0	13.1	12.1	12.1	12.6	188.4	190.3	186.9
Trans. and pub. util...	8.5	8.5	8.6	1.0	1.0	.9	5.2	5.4	5.3	54.1	53.1	53.6
Trade.....	21.0	20.2	21.0	5.3	5.0	5.3	14.7	14.2	14.8	149.4	141.0	144.8
Finance.....	3.9	3.9	3.8	.8	.8	.8	4.0	4.0	3.9	34.5	34.4	33.8
Service.....	10.0	10.0	10.2	3.3	3.3	3.3	8.6	8.7	8.6	94.5	94.3	91.1
Government.....	11.8	11.8	11.7	1.7	1.7	1.7	5.6	5.3	5.3	99.1	96.7	96.8
	MASSACHUSETTS											
	Boston <sup>2</sup>			Fall River <sup>2</sup>			New Bedford <sup>2</sup>			Springfield - Chicopee - Holyoke <sup>2</sup>		
<b>TOTAL</b> .....	1,129.5	1,114.4	1,121.2	42.0	42.4	43.8	50.4	50.3	51.2	174.3	172.5	175.3
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	52.8	55.7	46.1	(1)	(1)	(1)	1.5	1.7	1.6	5.8	5.9	5.5
Manufacturing.....	279.5	282.3	291.1	22.5	22.9	24.1	26.3	26.3	26.8	66.6	67.3	68.7
Trans. and pub. util...	66.4	66.4	67.3	1.5	1.5	1.5	2.3	2.3	2.3	7.8	7.8	8.3
Trade.....	264.5	251.0	260.9	7.9	7.7	8.0	9.3	9.0	9.4	36.3	34.4	35.7
Finance.....	76.0	75.9	76.2	(1)	(1)	(1)	(1)	(1)	(1)	8.6	8.6	8.8
Service.....	232.2	232.8	224.2	6.8	7.0	6.9	6.8	6.9	6.9	26.5	26.6	25.9
Government.....	158.1	150.3	155.4	3.3	3.3	3.3	4.2	4.1	4.2	22.7	21.9	22.4
	MASSACHUSETTS - Continued			MICHIGAN								
	Worcester <sup>2</sup>			Detroit			Flint			Grand Rapids		
<b>TOTAL</b> .....	115.4	114.8	117.6	1,251.7	1,236.4	1,214.3	130.3	129.1	127.1	126.1	124.3	122.3
Mining.....	(1)	(1)	(1)	.7	.8	.6	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	4.1	4.5	4.1	45.6	48.6	39.2	3.6	4.2	3.5	5.7	6.5	5.9
Manufacturing.....	47.0	47.0	49.6	516.2	511.5	500.3	76.5	76.0	74.5	53.8	53.5	51.2
Trans. and pub. util...	4.2	4.2	4.3	67.9	69.6	67.2	4.6	4.5	4.4	8.2	8.2	8.4
Trade.....	22.3	21.7	22.9	253.1	241.0	248.6	19.8	18.8	19.9	26.2	26.6	27.4
Finance.....	5.6	5.5	5.4	56.2	56.3	54.6	2.8	2.8	2.7	5.0	5.0	4.8
Service.....	17.4	17.5	16.9	169.5	170.0	159.7	11.3	11.2	10.8	15.0	14.7	14.6
Government.....	14.8	14.4	14.4	142.5	136.6	144.2	11.6	11.6	11.4	10.1	9.7	9.9
	MICHIGAN - Continued						MINNESOTA					
	Lansing			Muskegon - Muskegon Heights			Saginaw			Duluth - Superior		
<b>TOTAL</b> .....	98.5	97.0	94.8	45.8	45.8	46.1	58.4	57.9	56.5	48.2	49.6	48.1
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	3.9	4.2	3.8	1.1	1.3	1.1	2.5	2.9	2.3	2.0	2.3	2.3
Manufacturing.....	32.6	32.0	29.8	24.5	24.4	25.3	26.6	26.2	25.1	8.9	9.2	8.2
Trans. and pub. util...	3.2	3.3	3.3	2.2	2.3	2.4	4.6	4.5	4.4	7.0	7.9	6.7
Trade.....	18.2	17.2	18.0	7.5	7.5	7.4	11.9	11.5	11.9	11.5	11.3	11.8
Finance.....	3.3	3.3	3.3	1.1	1.2	1.1	1.5	1.5	1.5	2.1	2.1	2.0
Service.....	9.7	9.7	9.5	4.5	4.7	4.2	6.3	6.3	6.2	9.1	9.1	9.5
Government.....	27.7	27.2	27.2	4.8	4.6	4.7	5.1	5.1	5.0	7.6	7.6	7.6

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

**ESTABLISHMENT DATA  
AREA EMPLOYMENT**
**Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued**

(In thousands)

Industry division	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
	MINNESOTA - Continued			MISSISSIPPI			MISSOURI					
	Minneapolis - St. Paul			Jackson			Kansas City			St. Louis		
TOTAL.....	606.4	605.7	599.9	71.3	71.7	71.0	424.3	418.7	418.9	741.8	743.8	728.2
Mining.....	(1)	(1)	(1)	1.0	1.0	1.1	.7	.6	.6	2.6	2.6	2.6
Contract construction..	30.8	34.8	30.1	3.8	4.6	4.0	21.9	23.6	21.7	27.9	34.5	32.1
Manufacturing.....	159.8	160.0	158.9	11.3	11.5	11.2	112.4	110.6	108.9	261.1	261.4	249.3
Trans. and pub. util...	50.2	50.3	49.6	4.7	4.7	4.5	45.5	44.6	45.9	62.8	62.8	62.6
Trade.....	154.4	148.8	153.9	17.2	16.7	17.0	109.9	106.8	109.7	159.7	154.9	158.5
Finance.....	37.4	37.5	38.3	5.3	5.3	5.2	27.4	27.4	27.4	39.1	39.0	38.1
Service.....	93.4	93.9	91.1	11.5	11.6	11.6	55.7	55.7	55.0	104.3	104.6	102.3
Government.....	80.4	80.4	77.9	16.4	16.4	16.2	50.8	49.4	49.7	84.3	84.0	82.7
	MONTANA			NEBRASKA			NEVADA					
	Billings			Great Falls			Omaha			Reno		
TOTAL.....	23.1	23.6	23.2	21.6	22.2	25.3	166.4	166.5	167.5	41.1	41.6	38.0
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(3)	(3)	(3)	(4)	(4)	(4)
Contract construction..	1.3	1.6	1.3	1.7	2.3	3.0	9.4	10.8	10.9	4.5	4.6	4.4
Manufacturing.....	2.8	3.1	2.8	3.0	3.0	5.3	35.6	35.6	36.0	2.3	2.3	2.3
Trans. and pub. util...	2.6	2.6	2.5	2.1	2.2	2.2	19.5	19.6	19.8	3.8	3.8	3.5
Trade.....	7.3	7.2	7.5	5.7	5.6	5.9	40.7	39.7	40.7	9.0	8.8	8.1
Finance.....	1.3	1.3	1.4	1.3	1.3	1.3	13.6	13.6	13.3	2.1	2.1	1.8
Service.....	4.1	4.1	4.1	3.7	3.7	3.6	25.7	25.8	25.0	12.3	12.9	11.2
Government.....	3.7	3.7	3.6	4.1	4.1	4.0	21.9	21.6	21.8	7.1	7.1	6.7
	NEW HAMPSHIRE			NEW JERSEY								
	Manchester			Jersey City <sup>5</sup>			Newark <sup>5</sup>			Paterson - Clifton - Passaic <sup>5</sup>		
TOTAL.....	42.7	42.6	43.6	255.6	257.0	259.3	683.4	677.2	679.8	398.8	395.4	392.7
Mining.....	(1)	(1)	(1)	-	-	-	.9	.9	.8	.4	.4	.4
Contract construction..	1.9	2.1	2.0	5.9	6.3	5.6	29.6	30.6	28.1	21.7	22.2	20.7
Manufacturing.....	16.4	16.6	17.4	114.5	116.3	116.1	232.6	233.5	239.8	163.9	164.6	169.6
Trans. and pub. util...	2.7	2.7	2.7	36.8	37.3	38.2	48.8	48.5	49.1	22.7	22.9	22.3
Trade.....	9.5	9.2	9.5	37.7	36.6	38.9	146.5	139.1	142.4	92.5	87.8	86.7
Finance.....	2.5	2.5	2.5	9.2	9.2	8.8	46.3	46.2	46.1	13.3	13.3	12.7
Service.....	6.0	6.0	5.9	24.1	24.3	23.7	104.1	104.1	100.1	48.1	48.3	45.6
Government.....	3.7	3.6	3.6	27.4	27.0	28.0	74.6	74.3	73.4	36.2	35.9	34.7
	NEW JERSEY - Continued			NEW MEXICO			NEW YORK					
	Perth Amboy <sup>5</sup>			Trenton			Albuquerque			Albany - Schenectady - Troy		
TOTAL.....	194.4	194.3	192.2	113.7	113.0	110.9	90.3	89.9	85.5	231.7	229.7	233.2
Mining.....	.8	.8	.7	.1	.1	.1	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	10.9	11.2	9.9	4.5	4.7	4.3	6.8	7.1	6.3	9.1	10.1	7.7
Manufacturing.....	85.9	87.5	87.6	37.8	38.0	36.8	8.7	8.7	8.0	62.4	62.5	62.4
Trans. and pub. util...	9.4	9.4	9.3	6.6	6.6	6.5	6.5	6.5	6.4	14.2	14.2	16.1
Trade.....	37.3	35.3	35.4	21.3	20.2	20.4	21.9	21.1	20.8	45.1	43.8	45.9
Finance.....	3.7	3.7	3.7	4.5	4.5	4.5	5.6	5.6	5.4	9.9	10.0	9.7
Service.....	19.8	19.7	18.4	17.9	18.0	17.7	20.0	20.0	19.0	35.3	35.4	35.1
Government.....	26.6	26.7	27.2	21.0	20.9	20.6	20.8	20.9	19.6	55.7	53.6	56.3
	NEW YORK - Continued			NEW YORK - Continued								
	Binghamton			Buffalo			Elmira <sup>6</sup>			Nassau and Suffolk Counties <sup>5</sup>		
TOTAL.....	76.9	76.2	78.3	428.8	425.6	426.7	31.6	30.8	32.1	497.3	493.4	492.3
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)
Contract construction..	3.1	3.4	3.0	14.8	17.7	14.8	-	-	-	32.8	36.3	38.8
Manufacturing.....	34.3	34.5	36.5	166.5	167.3	165.1	13.8	13.1	14.4	134.7	136.1	139.3
Trans. and pub. util...	4.1	4.1	4.1	31.1	31.2	31.2	-	-	-	23.9	23.9	23.3
Trade.....	14.4	13.6	14.4	88.0	84.3	89.6	6.4	6.1	6.5	137.1	129.2	128.6
Finance.....	2.5	2.4	2.4	16.4	16.3	16.1	-	-	-	22.4	22.4	21.4
Service.....	8.3	8.2	7.9	55.9	56.4	55.0	-	-	-	68.9	70.5	66.0
Government.....	10.3	10.1	10.0	56.3	52.4	54.7	-	-	-	77.6	75.1	74.9

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

**ESTABLISHMENT DATA  
AREA EMPLOYMENT**

**Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued**

(In thousands)

Industry division	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
	<b>NEW YORK - Continued</b>											
	New York City <sup>5</sup>			New York-Northeastern New Jersey			Rochester			Syracuse		
TOTAL.....	(7)	3,640.8	3,644.0	(7)	5,925.6	5,928.5	245.3	241.6	237.0	187.7	188.1	188.8
Mining.....	(7)	1.9	1.8	(7)	4.6	4.3	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	(7)	134.9	138.0	(7)	256.2	257.3	12.0	13.2	10.2	7.7	9.3	7.2
Manufacturing.....	(7)	914.7	901.0	(7)	1,730.1	1,730.4	111.7	111.7	109.5	62.1	63.1	65.4
Trans. and pub. util...	(7)	314.5	316.6	(7)	471.5	474.6	10.5	10.6	10.4	12.5	12.4	12.4
Trade.....	(7)	765.4	786.8	(7)	1,256.4	1,261.5	48.1	44.8	45.9	40.7	39.0	40.5
Finance.....	(7)	402.7	400.6	(7)	511.0	506.5	8.8	8.8	8.4	9.7	9.7	9.6
Service.....	(7)	657.4	642.4	(7)	971.1	940.7	28.7	28.8	27.5	26.8	26.8	26.4
Government.....	(7)	449.3	457.0	(7)	724.7	733.3	25.4	23.7	25.1	28.1	27.7	27.3
<b>NEW YORK - Continued</b>												
	Utica - Rome			Westchester County <sup>5</sup>			Charlotte			Greensboro - High Point		
TOTAL.....	102.4	102.5	104.2	235.0	231.6	231.7	117.9	117.5	114.5	-	-	-
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
Contract construction..	2.6	3.0	2.6	13.1	13.4	14.6	7.9	8.2	6.9	5.5	6.0	6.2
Manufacturing.....	37.2	37.4	39.4	65.1	66.0	65.0	27.8	28.1	28.0	43.7	43.6	43.7
Trans. and pub. util...	5.5	5.6	5.8	13.2	13.0	13.9	14.3	14.2	13.2	5.2	5.3	5.2
Trade.....	17.6	16.8	17.4	59.2	55.9	55.8	33.2	32.3	33.0	22.2	21.8	21.8
Finance.....	3.9	4.0	3.9	12.2	12.2	12.0	8.2	8.3	7.9	6.5	6.6	6.5
Service.....	12.2	12.4	11.6	42.4	43.0	41.0	16.0	15.9	15.3	-	-	-
Government.....	23.3	23.3	23.4	29.7	28.0	29.4	10.5	10.5	10.2	-	-	-
<b>NORTH CAROLINA - Continued</b>												
	Winston-Salem			Fargo - Moorhead			Akron			Canton		
TOTAL.....	-	-	-	31.9	32.2	30.8	177.8	177.6	177.2	108.2	106.7	106.4
Mining.....	-	-	-	(1)	(1)	(1)	.1	.1	.1	.5	.5	.5
Contract construction..	-	-	-	2.4	3.0	1.8	5.4	6.5	5.0	3.5	3.9	3.1
Manufacturing.....	38.4	38.9	39.5	2.5	2.5	2.4	80.0	80.3	80.6	50.8	49.8	50.1
Trans. and pub. util...	-	-	-	2.9	2.8	2.8	12.9	12.9	12.7	5.7	5.7	5.8
Trade.....	-	-	-	10.3	10.0	10.2	35.4	33.7	35.8	21.4	20.4	21.1
Finance.....	-	-	-	2.2	2.2	2.1	5.4	5.4	5.3	3.6	3.6	3.6
Service.....	-	-	-	5.6	5.6	5.4	21.5	21.7	21.1	12.7	12.7	12.4
Government.....	-	-	-	6.1	6.1	6.2	17.1	17.1	16.6	10.2	10.2	9.9
<b>OHIO - Continued</b>												
	Cincinnati			Cleveland			Columbus			Dayton		
TOTAL.....	395.7	397.2	396.7	702.3	705.8	690.9	280.1	279.9	272.6	257.1	256.8	256.5
Mining.....	.3	.3	.3	.5	.5	.6	.6	.6	.6	.5	.5	.5
Contract construction..	15.3	17.8	14.4	27.1	31.6	27.0	12.0	14.0	10.2	8.0	9.8	8.0
Manufacturing.....	142.0	143.4	145.0	269.6	272.1	265.3	75.0	75.0	72.6	103.5	103.1	103.0
Trans. and pub. util...	31.4	31.5	31.4	45.1	45.7	44.6	17.3	17.4	17.2	10.2	10.3	10.1
Trade.....	86.9	83.6	87.0	149.7	144.9	149.9	61.5	58.5	60.5	47.4	45.5	47.7
Finance.....	21.5	21.6	21.7	33.7	33.7	32.8	18.2	18.2	17.7	7.3	7.4	7.1
Service.....	52.8	53.3	51.8	95.3	95.9	92.5	38.8	39.0	36.9	32.3	32.3	30.9
Government.....	45.6	45.8	45.1	81.4	81.4	78.0	56.6	57.1	56.9	47.9	47.9	49.3
<b>OHIO - Continued</b>												
	Toledo			Youngstown - Warren			Oklahoma City			Tulsa		
TOTAL.....	161.0	160.0	158.7	154.2	153.7	151.9	196.6	195.2	192.3	139.4	139.2	137.8
Mining.....	.3	.3	.3	.4	.4	.4	6.7	6.8	6.8	12.8	12.7	12.8
Contract construction..	5.6	6.5	5.1	5.7	6.7	5.5	12.6	13.2	12.0	8.5	9.1	8.3
Manufacturing.....	59.7	59.8	58.7	69.7	69.4	67.3	24.7	25.0	23.2	29.9	29.9	28.6
Trans. and pub. util...	12.1	11.8	11.8	8.6	8.5	8.6	13.8	13.9	13.6	14.2	14.1	14.2
Trade.....	36.8	35.1	37.5	29.9	28.5	30.4	48.9	46.8	48.1	33.7	33.0	34.0
Finance.....	6.4	6.4	6.2	4.8	4.8	4.6	11.9	11.8	11.7	7.5	7.5	7.4
Service.....	23.9	24.0	23.4	19.6	19.7	19.2	24.8	24.8	24.4	19.8	19.9	19.6
Government.....	16.2	16.1	15.7	15.5	15.7	15.9	53.2	52.9	52.5	13.0	13.0	12.9

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

**ESTABLISHMENT DATA  
AREA EMPLOYMENT**
**Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued**

Industry division	(In thousands)											
	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
	<b>OREGON</b>						<b>PENNSYLVANIA</b>					
	Portland			Allentown - Bethlehem - Easton			Altoona			Erie		
TOTAL.....	284.2	282.1	281.5	187.1	187.2	185.2	42.1	41.8	40.2	78.6	79.4	77.5
Mining.....	(1)	(1)	(1)	.5	.5	.5	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	13.4	13.7	15.2	7.0	7.7	6.8	1.4	1.5	1.2	2.4	2.5	2.0
Manufacturing.....	64.4	66.1	63.5	93.4	93.9	93.0	11.6	11.5	11.5	35.8	36.9	35.8
Trans. and pub. util...	26.8	26.8	26.5	10.4	10.5	10.6	9.6	9.8	8.2	4.6	4.7	4.8
Trade.....	74.6	71.5	72.6	33.0	31.8	32.7	7.7	7.2	7.7	14.8	14.3	14.7
Finance.....	17.1	17.1	16.4	5.2	5.2	5.1	1.1	1.1	1.1	2.6	2.6	2.5
Service.....	43.0	42.7	42.3	22.3	22.3	21.9	5.7	5.7	5.6	10.3	10.3	10.0
Government.....	44.9	44.2	45.0	15.3	15.3	14.6	5.0	5.0	4.9	8.1	8.1	7.7
	<b>PENNSYLVANIA - Continued</b>											
	Harrisburg			Johnstown			Lancaster			Philadelphia		
TOTAL.....	148.1	148.4	147.6	68.1	68.0	64.8	99.6	100.1	98.4	1,557.4	1,551.8	1,543.9
Mining.....	(1)	(1)	(1)	4.6	4.5	4.6	(1)	(1)	(1)	1.3	1.4	1.3
Contract construction..	6.8	7.4	6.4	2.0	2.6	1.7	5.5	6.1	4.7	69.8	75.1	65.3
Manufacturing.....	32.7	33.0	32.6	23.1	23.3	20.7	47.5	48.0	48.1	534.9	536.1	541.3
Trans. and pub. util...	11.6	11.6	12.0	4.9	4.9	4.9	5.2	5.2	5.1	107.7	107.4	109.2
Trade.....	27.6	26.8	28.0	13.0	12.2	12.8	17.8	17.1	17.7	326.4	313.9	324.4
Finance.....	6.3	6.4	6.4	1.8	1.8	1.7	2.4	2.4	2.4	83.1	83.2	82.9
Service.....	19.4	19.6	18.1	9.5	9.6	9.3	12.5	12.6	11.9	235.1	236.2	227.0
Government.....	43.7	43.6	44.1	9.2	9.1	9.1	8.7	8.7	8.5	199.1	198.5	192.5
	<b>PENNSYLVANIA - Continued</b>											
	Pittsburgh			Reading			Scranton			Wilkes-Barre - Hazleton		
TOTAL.....	764.3	757.8	743.5	105.6	104.8	103.2	76.1	75.9	77.0	105.7	106.1	106.2
Mining.....	9.7	9.0	9.2	(1)	(1)	(1)	1.1	1.1	1.0	4.1	4.1	4.9
Contract construction..	34.5	39.3	29.8	3.9	4.3	3.3	2.0	2.2	1.9	3.8	4.2	3.9
Manufacturing.....	267.0	262.6	256.7	52.5	52.1	51.5	30.5	30.5	30.5	42.2	43.2	42.8
Trans. and pub. util...	55.6	56.1	55.8	5.7	5.7	5.7	6.2	6.3	6.4	6.2	6.2	6.1
Trade.....	157.3	150.8	158.1	16.6	15.8	16.5	14.8	14.3	15.1	20.1	19.0	20.0
Finance.....	32.9	33.0	32.1	4.1	4.1	3.9	2.4	2.4	2.5	3.5	3.5	3.4
Service.....	127.8	127.4	123.6	13.0	13.1	12.8	10.9	10.9	10.9	12.7	12.7	12.0
Government.....	79.5	79.6	78.2	9.8	9.7	9.5	8.2	8.2	8.7	13.1	13.2	13.1
	<b>PENNSYLVANIA - Continued</b>			<b>RHODE ISLAND</b>			<b>SOUTH CAROLINA</b>					
	York			Providence - Pawtucket			Charleston			Columbia		
TOTAL.....	86.2	85.1	85.4	(7)	300.5	300.3	62.1	62.0	60.5	76.8	76.8	75.5
Mining.....	(1)	(1)	(1)	(7)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	4.0	4.3	3.9	(7)	13.4	11.6	4.6	4.8	4.2	4.5	4.6	4.7
Manufacturing.....	40.7	39.9	41.3	(7)	129.6	130.1	9.8	9.9	9.3	14.9	15.2	14.3
Trans. and pub. util...	5.6	5.6	4.9	(7)	14.5	14.4	4.3	4.4	4.5	5.1	5.1	5.0
Trade.....	15.7	15.0	15.4	(7)	55.4	57.7	13.0	12.5	12.9	17.1	16.7	17.2
Finance.....	1.9	1.9	1.9	(7)	13.6	13.2	3.0	3.1	2.9	5.3	5.3	5.3
Service.....	9.5	9.6	9.1	(7)	39.9	39.0	6.7	6.7	6.5	9.8	9.8	9.7
Government.....	8.8	8.8	8.9	(7)	34.1	34.3	20.7	20.6	20.2	20.1	20.1	19.3
	<b>SOUTH CAROLINA - Continued</b>			<b>SOUTH DAKOTA</b>			<b>TENNESSEE</b>					
	Greenville			Sioux Falls			Chattanooga			Knoxville		
TOTAL.....	78.4	77.8	79.0	29.4	29.6	28.5	97.4	97.0	93.9	121.1	120.4	116.7
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	.1	.1	.1	1.7	1.8	1.7
Contract construction..	6.8	6.9	6.6	1.9	2.5	1.3	3.1	3.3	2.8	5.0	5.5	4.7
Manufacturing.....	35.6	35.7	35.2	5.2	5.2	5.5	41.0	41.1	38.6	42.8	42.6	41.4
Trans. and pub. util...	3.4	3.4	3.3	2.8	2.8	2.8	4.8	4.7	4.6	6.5	6.5	6.3
Trade.....	14.5	13.7	15.1	9.2	9.0	8.9	19.6	18.7	19.5	25.6	24.7	25.6
Finance.....	3.3	3.3	3.2	1.6	1.6	1.6	5.4	5.4	5.4	4.2	4.2	4.1
Service.....	8.5	8.5	8.4	5.1	5.1	4.8	11.0	11.2	10.8	14.2	14.1	13.4
Government.....	6.3	6.3	7.2	3.6	3.5	3.6	12.4	12.4	12.1	21.1	21.0	19.5

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

**ESTABLISHMENT DATA  
AREA EMPLOYMENT**

**Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued**

(In thousands)

Industry division	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
	<b>TENNESSEE - Continued</b>						<b>TEXAS</b>					
	Memphis			Nashville			Dallas			Fort Worth		
<b>TOTAL</b> .....	205.3	205.5	198.4	154.9	153.7	150.7	-	-	-	-	-	-
Mining.....	.3	.3	.3	(1)	(1)	(1)	7.7	7.7	7.7	-	-	-
Contract construction..	11.2	12.0	9.7	8.4	8.7	7.9	28.9	30.1	27.7	-	-	-
Manufacturing.....	46.2	46.9	44.8	43.0	43.4	41.0	107.8	107.3	104.0	54.5	54.2	48.8
Trans. and pub. util...	16.3	16.5	15.5	10.6	10.3	10.5	36.4	36.4	35.6	-	-	-
Trade.....	57.4	55.4	55.8	34.9	33.3	34.7	-	-	-	-	-	-
Finance.....	10.5	10.5	10.4	11.0	11.0	10.8	37.1	37.1	35.9	-	-	-
Service.....	29.0	29.2	28.9	24.9	25.0	24.3	-	-	-	-	-	-
Government.....	34.4	34.7	33.0	22.1	22.0	21.5	42.4	42.4	41.8	-	-	-
<b>TEXAS - Continued</b>						<b>UTAH</b>			<b>VERMONT</b>			
	Houston			San Antonio			Salt Lake City			Burlington <sup>6</sup>		
<b>TOTAL</b> .....	-	-	-	-	-	-	161.4	160.4	157.5	21.7	22.0	22.6
Mining.....	-	-	-	-	-	-	6.3	6.4	6.4	-	-	-
Contract construction..	-	-	-	11.7	11.7	10.7	9.8	10.3	9.3	-	-	-
Manufacturing.....	91.1	91.3	90.4	24.0	24.1	23.1	29.6	30.0	30.0	4.4	4.5	5.8
Trans. and pub. util...	-	-	-	9.4	9.4	9.2	13.3	13.4	13.2	1.5	1.5	1.5
Trade.....	-	-	-	-	-	-	44.9	43.2	43.4	5.4	5.3	5.6
Finance.....	-	-	-	12.0	12.0	11.7	9.5	9.5	9.3	-	-	-
Service.....	-	-	-	-	-	-	21.6	21.6	20.8	-	-	-
Government.....	-	-	-	53.3	53.3	53.6	26.4	26.0	25.1	-	-	-
<b>VERMONT - Continued</b>						<b>VIRGINIA</b>						
	Springfield <sup>6</sup>			Newport News - Hampton			Norfolk - Portsmouth			Richmond		
<b>TOTAL</b> .....	12.0	12.0	11.5	75.6	75.4	74.9	161.0	159.5	158.9	184.6	182.4	180.0
Mining.....	-	-	-	(1)	(1)	(1)	.1	.1	.1	.2	.2	.2
Contract construction..	-	-	-	4.2	4.4	4.2	10.9	11.5	11.0	12.8	13.1	11.6
Manufacturing.....	6.5	6.4	6.3	24.4	24.4	24.8	16.6	17.0	16.0	44.5	44.1	43.6
Trans. and pub. util...	.8	.8	.7	3.9	3.9	3.9	15.3	15.2	15.3	15.5	15.4	15.4
Trade.....	1.8	1.7	1.6	12.9	12.7	12.4	41.8	39.7	40.5	45.9	44.1	44.5
Finance.....	-	-	-	2.3	2.2	2.1	6.4	6.4	6.4	14.8	15.0	14.5
Service.....	-	-	-	7.6	7.6	7.4	19.7	19.9	19.5	22.9	22.9	22.6
Government.....	-	-	-	20.3	20.2	20.1	50.2	49.7	50.1	28.0	27.6	27.6
<b>VIRGINIA - Continued</b>						<b>WASHINGTON</b>						
	Roanoke			Seattle			Spokane			Tacoma		
<b>TOTAL</b> .....	64.7	64.3	62.5	404.2	400.3	410.0	74.2	74.9	73.7	80.7	79.7	80.8
Mining.....	.1	.1	.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	4.4	4.9	4.2	19.2	19.9	19.4	3.6	4.1	3.0	3.8	4.0	4.1
Manufacturing.....	15.1	15.0	14.5	116.2	117.1	125.2	11.9	12.4	11.6	17.1	17.2	16.9
Trans. and pub. util...	9.0	9.0	8.9	30.0	29.9	29.4	7.1	7.3	7.3	5.6	5.7	5.8
Trade.....	15.8	15.1	15.1	94.9	90.4	94.2	20.6	20.1	20.9	17.7	16.9	17.3
Finance.....	3.2	3.2	3.1	24.7	24.7	24.7	4.3	4.3	4.2	4.1	4.1	3.8
Service.....	9.7	9.8	9.3	52.5	52.9	53.1	13.0	13.2	12.7	11.6	11.5	11.5
Government.....	7.4	7.2	7.3	66.7	65.4	64.0	13.7	13.5	14.0	20.8	20.3	21.4
<b>WEST VIRGINIA</b>						<b>WISCONSIN</b>						
	Charleston			Huntington - Ashland			Wheeling			Green Bay		
<b>TOTAL</b> .....	77.6	76.8	76.4	70.4	70.3	67.0	50.2	50.7	50.1	39.2	39.4	38.5
Mining.....	3.6	3.6	3.7	1.0	1.0	.9	2.4	2.4	2.6	(1)	(1)	(1)
Contract construction..	3.3	3.5	3.4	3.3	3.9	3.1	2.6	2.5	2.9	2.1	2.3	2.1
Manufacturing.....	22.9	22.6	21.5	23.8	24.1	22.0	15.8	16.6	15.7	13.1	13.4	12.8
Trans. and pub. util...	8.3	8.3	8.2	7.1	7.2	7.2	3.4	3.5	3.7	3.7	3.9	3.7
Trade.....	17.2	16.5	17.3	16.3	15.2	15.9	11.7	11.4	11.5	9.9	9.6	9.7
Finance.....	3.2	3.3	3.2	2.4	2.4	2.4	1.9	1.9	1.9	1.1	1.1	1.1
Service.....	9.6	9.6	9.6	7.4	7.4	7.1	7.4	7.4	7.2	5.3	5.2	5.2
Government.....	9.7	9.6	9.7	9.3	9.2	8.7	5.2	5.2	4.9	4.0	3.9	4.0

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

**ESTABLISHMENT DATA  
AREA EMPLOYMENT**
**Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued**

(In thousands)

Industry division	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
	WISCONSIN - Continued											
	Kenosha			La Crosse			Madison			Milwaukee		
<b>TOTAL</b> .....	38.7	38.9	37.4	23.6	23.5	23.1	86.0	85.7	82.6	463.9	460.3	461.8
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	1.7	2.0	1.2	1.0	1.1	.8	4.5	4.9	4.8	18.5	19.9	17.4
Manufacturing.....	23.1	23.0	22.5	7.5	7.6	7.5	13.4	13.1	13.2	185.3	184.9	187.8
Trans. and pub. util...	1.5	1.8	1.7	1.8	1.8	1.8	4.3	4.3	4.1	26.2	26.7	26.8
Trade.....	4.8	4.5	4.6	5.7	5.5	5.5	18.7	18.0	17.8	99.2	95.4	98.7
Finance.....	.6	.7	.6	.5	.5	.5	4.3	4.3	4.1	22.3	22.4	22.3
Service.....	3.8	3.8	3.7	4.1	4.1	4.0	11.1	11.3	10.5	60.3	60.3	58.6
Government.....	3.1	3.1	3.0	3.0	2.9	2.8	29.6	29.7	28.0	52.0	50.7	50.2
	WISCONSIN - Continued						WYOMING					
	Racine			Casper			Cheyenne					
<b>TOTAL</b> .....	46.5	46.2	44.9	16.6	17.0	16.8	21.6	21.7	17.5			
Mining.....	(1)	(1)	(1)	3.1	3.2	3.3	(1)	(1)	(1)			
Contract construction..	1.6	1.8	1.5	1.4	1.5	1.2	5.9	6.0	1.5			
Manufacturing.....	21.7	21.7	21.2	1.5	1.5	1.4	1.4	1.4	1.0			
Trans. and pub. util...	1.7	1.7	1.8	1.6	1.6	1.5	2.4	2.4	2.6			
Trade.....	9.1	8.8	8.6	3.8	3.9	4.1	3.7	3.7	3.9			
Finance.....	1.2	1.3	1.2	.7	.8	.8	.9	.9	.9			
Service.....	5.7	5.7	5.4	1.9	2.0	2.1	2.2	2.3	2.7			
Government.....	5.4	5.2	5.2	2.6	2.5	2.4	5.1	5.0	4.9			

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

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

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

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

<sup>5</sup> Subarea of New York-Northeastern New Jersey.

<sup>6</sup> Total includes data for industry divisions not shown separately.

<sup>7</sup> Not available.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.



**ESTABLISHMENT DATA**  
**HISTORICAL HOURS AND EARNINGS**

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

Year and month	Manufacturing			Durable goods			Nondurable goods		
	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
1919.....	\$21.84	46.3	\$0.472	-	-	-	-	-	-
1920.....	26.02	47.4	.549	-	-	-	-	-	-
1921.....	21.94	43.1	.509	-	-	-	-	-	-
1922.....	21.28	44.2	.482	-	-	-	-	-	-
1923.....	23.56	45.6	.516	\$25.42	-	-	\$21.50	-	-
1924.....	23.67	43.7	.541	25.48	-	-	21.63	-	-
1925.....	24.11	44.5	.541	26.02	-	-	21.99	-	-
1926.....	24.38	45.0	.542	26.23	-	-	22.29	-	-
1927.....	24.47	45.0	.544	26.28	-	-	22.55	-	-
1928.....	24.70	44.4	.556	26.86	-	-	22.42	-	-
1929.....	24.76	44.2	.560	26.84	-	-	22.47	-	-
1930.....	23.00	42.1	.546	24.42	-	-	21.40	-	-
1931.....	20.64	40.5	.509	20.98	-	-	20.09	-	-
1932.....	16.89	38.3	.441	15.99	32.5	\$0.492	17.26	41.9	\$0.412
1933.....	16.65	38.1	.437	16.20	34.7	.467	16.76	40.0	.419
1934.....	18.20	34.6	.526	18.59	33.8	.550	17.73	35.1	.505
1935.....	19.91	36.6	.544	21.24	37.2	.571	18.77	36.1	.520
1936.....	21.56	39.2	.550	23.72	40.9	.580	19.57	37.7	.519
1937.....	23.82	38.6	.617	26.61	39.9	.667	21.17	37.4	.566
1938.....	22.07	35.6	.620	23.70	34.9	.679	20.65	36.1	.572
1939.....	23.64	37.7	.627	26.19	37.9	.691	21.36	37.4	.571
1940.....	24.96	38.1	.655	28.07	39.2	.716	21.83	37.0	.590
1941.....	29.48	40.6	.726	33.56	42.0	.799	24.39	38.9	.627
1942.....	36.68	43.1	.851	42.17	45.0	.937	28.57	40.3	.709
1943.....	43.07	45.0	.957	48.73	46.5	1.048	33.45	42.5	.787
1944.....	45.70	45.2	1.011	51.38	46.5	1.105	36.38	43.1	.844
1945.....	44.20	43.5	1.016	48.36	44.0	1.099	37.48	42.3	.886
1946.....	43.32	40.3	1.075	46.22	40.4	1.144	40.30	40.5	.995
1947.....	49.17	40.4	1.217	51.76	40.5	1.278	46.03	40.2	1.145
1948.....	53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....	53.88	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....	50.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....	82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....	89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....	96.56	40.4	2.39	104.70	40.9	2.56	85.54	39.6	2.16
1963.....	99.38	40.4	2.46	108.09	41.1	2.63	87.91	39.6	2.22
1963: January.....	97.44	40.1	2.43	105.82	40.7	2.60	86.24	39.2	2.20
February.....	97.20	40.0	2.43	106.23	40.7	2.61	85.85	39.2	2.19
March.....	98.09	40.2	2.44	106.49	40.8	2.61	86.68	39.4	2.20
April.....	97.36	39.9	2.44	106.37	40.6	2.62	85.97	38.9	2.21
May.....	99.23	40.5	2.45	108.36	41.2	2.63	87.52	39.6	2.21
June.....	100.37	40.8	2.46	109.82	41.6	2.64	88.36	39.8	2.22
July.....	99.23	40.5	2.45	108.09	41.1	2.63	88.36	39.8	2.22
August.....	98.42	40.5	2.43	107.01	41.0	2.61	88.40	40.0	2.21
September.....	100.53	40.7	2.47	109.45	41.3	2.65	89.38	39.9	2.24
October.....	100.53	40.7	2.47	109.71	41.4	2.65	88.98	39.9	2.23
November.....	100.85	40.5	2.49	110.00	41.2	2.67	89.10	39.6	2.25
December.....	102.66	40.9	2.51	111.90	41.6	2.69	90.17	39.9	2.26
1964: January.....	101.05	40.1	2.52	110.02	40.9	2.69	88.69	38.9	2.28

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the hours and earnings series. Data for the 2 most recent months and 1963 annual averages are preliminary.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<b>MINING</b> .....	-	\$116.06	\$113.99	\$111.66	\$111.66	-	\$2.79	\$2.76	\$2.73	\$2.73
<b>METAL MINING</b> .....	-	121.80	119.89	116.16	116.85	-	2.90	2.91	2.84	2.85
Iron ores .....	-	127.51	120.43	118.95	115.36	-	3.11	3.08	3.05	3.06
Copper ores .....	-	125.54	128.17	121.12	121.41	-	2.94	2.96	2.83	2.83
<b>COAL MINING</b> .....	-	126.88	117.94	120.43	119.11	-	3.18	3.12	3.08	3.11
Bituminous .....	-	129.44	119.45	120.90	119.88	-	3.22	3.16	3.10	3.13
<b>CRUDE PETROLEUM AND NATURAL GAS</b> .....	-	113.25	113.10	110.09	111.61	-	2.69	2.68	2.64	2.62
Crude petroleum and natural gas fields .....	-	121.54	120.54	121.09	119.11	-	2.95	2.94	2.89	2.87
Oil and gas field services .....	-	106.14	106.46	100.43	105.71	-	2.48	2.47	2.42	2.43
<b>QUARRYING AND NONMETALLIC MINING</b> .....	-	103.91	108.24	100.14	98.25	-	2.48	2.46	2.39	2.42
<b>CONTRACT CONSTRUCTION</b> .....	-	125.32	125.58	121.07	118.67	-	3.54	3.45	3.42	3.41
<b>GENERAL BUILDING CONTRACTORS</b> .....	-	116.61	116.53	111.11	108.55	-	3.38	3.32	3.23	3.25
<b>HEAVY CONSTRUCTION</b> .....	-	116.89	124.00	115.82	112.00	-	3.22	3.10	3.04	3.06
Highway and street construction .....	-	109.39	119.99	107.54	104.60	-	3.09	2.97	2.86	2.93
Other heavy construction .....	-	123.91	128.38	123.13	118.24	-	3.34	3.25	3.19	3.17
<b>SPECIAL TRADE CONTRACTORS</b> .....	-	134.23	131.38	128.47	127.40	-	3.76	3.68	3.66	3.64
<b>MANUFACTURING</b> .....	\$101.05	102.66	100.85	97.44	98.01	\$2.52	2.51	2.49	2.43	2.42
<b>DURABLE GOODS</b> .....	110.02	111.90	110.00	105.82	107.53	2.69	2.69	2.67	2.60	2.61
<b>NONDURABLE GOODS</b> .....	88.69	90.17	89.10	86.24	86.94	2.28	2.26	2.25	2.20	2.19
<i>Durable Goods</i>										
<b>ORDNANCE AND ACCESSORIES</b> .....	121.47	122.66	120.36	119.65	120.10	2.97	2.97	2.95	2.89	2.88
Ammunition, except for small arms .....	123.82	125.03	122.51	119.02	120.06	3.02	3.02	3.01	2.91	2.90
Sighting and fire control equipment .....	-	129.78	128.75	128.35	131.24	-	3.15	3.11	3.02	3.01
Other ordnance and accessories .....	115.87	117.01	114.77	117.74	116.06	2.84	2.84	2.82	2.81	2.79
<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> .....	80.94	83.60	82.97	77.03	78.40	2.07	2.09	2.09	1.96	2.00
Sawmills and planing mills .....	73.15	76.22	76.02	70.98	71.23	1.90	1.92	1.91	1.82	1.85
Sawmills and planing mills, general .....	-	77.42	77.03	71.98	72.58	-	1.97	1.95	1.86	1.89
Millwork, plywood, and related products .....	90.17	91.94	90.83	87.10	87.94	2.21	2.21	2.21	2.14	2.15
Millwork .....	-	89.54	89.54	85.93	87.82	-	2.20	2.20	2.17	2.19
Veneer and plywood .....	-	94.79	91.96	87.78	88.62	-	2.22	2.20	2.10	2.11
Wooden containers .....	66.30	68.51	67.49	64.02	64.29	1.70	1.70	1.70	1.65	1.64
Wooden boxes, sbook, and crates .....	-	65.85	66.09	60.99	62.65	-	1.63	1.64	1.58	1.59
Miscellaneous wood products .....	73.26	75.55	75.74	73.08	72.80	1.85	1.87	1.87	1.80	1.82
<b>FURNITURE AND FIXTURES</b> .....	80.60	85.26	83.43	79.00	81.58	2.02	2.03	2.02	1.97	1.98
Household furniture .....	76.42	82.06	79.68	74.19	78.02	1.92	1.94	1.92	1.85	1.88
Wood house furniture, upholstered .....	-	76.90	75.23	71.23	72.68	-	1.78	1.77	1.70	1.71
Wood house furniture, upholstered .....	-	92.02	87.34	76.67	87.78	-	2.15	2.12	2.05	2.11
Mattresses and bedsprings .....	-	84.32	83.53	79.49	80.11	-	2.14	2.12	2.07	2.07
Office furniture .....	-	98.28	94.37	94.07	95.40	-	2.34	2.33	2.30	2.31
Partitions; office and store fixtures .....	-	101.75	101.89	101.85	99.04	-	2.55	2.56	2.54	2.52
Other furniture and fixtures .....	86.71	89.03	86.30	80.78	81.81	2.12	2.13	2.11	2.04	2.03
<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	99.40	100.85	103.75	97.36	97.84	2.51	2.49	2.50	2.44	2.44
Flat glass .....	-	134.80	143.45	129.26	130.42	-	3.37	3.44	3.34	3.37
Glass and glassware, pressed or blown .....	98.28	97.75	100.50	100.15	99.14	2.52	2.50	2.50	2.51	2.46
Glass containers .....	-	101.00	100.44	99.35	101.68	-	2.50	2.48	2.49	2.48
Pressed and blown glassware, a e c .....	-	93.62	100.55	100.69	95.89	-	2.51	2.52	2.53	2.44
Cement, hydraulic .....	117.50	116.85	120.30	112.16	111.50	2.88	2.85	2.92	2.79	2.76
Structural clay products .....	84.85	88.29	90.45	85.41	85.41	2.17	2.18	2.19	2.13	2.13
Brick and structural clay tile .....	-	84.46	86.72	78.99	80.60	-	2.04	2.05	1.96	1.99
Pottery and related products .....	-	91.08	92.23	87.69	88.88	-	2.30	2.30	2.26	2.25
Concrete, gypsum, and plaster products .....	96.38	100.45	105.78	94.40	95.60	2.44	2.45	2.46	2.36	2.39
Other stone and mineral products .....	103.63	103.91	103.75	98.00	98.74	2.54	2.51	2.50	2.45	2.45
Abrasive products .....	-	105.63	104.34	99.75	102.16	-	2.57	2.57	2.50	2.51

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

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

Industry	Average weekly hours					Average overtime hours				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<b>MINING</b> .....	-	41.6	41.3	40.9	40.9	-	-	-	-	-
<b>METAL MINING</b> .....	-	42.0	41.2	40.9	41.0	-	-	-	-	-
Iron ores .....	-	41.0	39.1	39.0	37.7	-	-	-	-	-
Copper ores .....	-	42.7	43.3	42.8	42.9	-	-	-	-	-
<b>COAL MINING</b> .....	-	39.9	37.8	39.1	38.3	-	-	-	-	-
Bituminous .....	-	40.2	37.8	39.0	38.3	-	-	-	-	-
<b>CRUDE PETROLEUM AND NATURAL GAS</b> .....	-	42.1	42.2	41.7	42.6	-	-	-	-	-
Crude petroleum and natural gas fields .....	-	41.2	41.0	41.9	41.5	-	-	-	-	-
Oil and gas field services .....	-	42.8	43.1	41.5	43.5	-	-	-	-	-
<b>QUARRYING AND NONMETALLIC MINING</b> .....	-	41.9	44.0	41.9	40.6	-	-	-	-	-
<b>CONTRACT CONSTRUCTION</b> .....	-	35.4	36.4	35.4	34.8	-	-	-	-	-
<b>GENERAL BUILDING CONTRACTORS</b> .....	-	34.5	35.1	34.4	33.4	-	-	-	-	-
<b>HEAVY CONSTRUCTION</b> .....	-	36.3	40.0	38.1	36.6	-	-	-	-	-
Highway and street construction .....	-	35.4	40.4	37.6	35.7	-	-	-	-	-
Other heavy construction .....	-	37.1	39.5	38.6	37.3	-	-	-	-	-
<b>SPECIAL TRADE CONTRACTORS</b> .....	-	35.7	35.7	35.1	35.0	-	-	-	-	-
<b>MANUFACTURING</b> .....	40.1	40.9	40.5	40.1	40.5	2.7	3.1	3.0	2.5	2.9
<b>DURABLE GOODS</b> .....	40.9	41.6	41.2	40.7	41.2	2.9	3.3	3.2	2.6	3.1
<b>NONDURABLE GOODS</b> .....	38.9	39.9	39.6	39.2	39.7	2.4	2.8	2.8	2.4	2.6
<i>Durable Goods</i>										
<b>ORDNANCE AND ACCESSORIES</b> .....	40.9	41.3	40.8	41.4	41.7	-	2.4	2.2	2.6	2.9
Ammunition, except for small arms .....	41.0	41.4	40.7	40.9	41.4	-	2.7	2.6	2.4	2.7
Sighting and fire control equipment .....	-	41.2	41.4	42.5	43.6	-	1.7	1.2	2.9	4.0
Other ordnance and accessories .....	40.8	41.2	40.7	41.9	41.6	-	2.2	1.8	2.9	2.9
<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> .....	39.1	40.0	39.7	39.3	39.2	-	3.2	3.3	2.8	3.0
Sawmills and planing mills .....	38.5	39.7	39.8	39.0	38.5	-	3.2	3.3	2.9	2.9
Sawmills and planing mills, general .....	-	39.3	39.5	38.7	38.4	-	-	-	-	-
Millwork, plywood, and related products .....	40.8	41.6	41.1	40.7	40.9	-	3.6	3.6	2.8	3.3
Millwork .....	-	40.7	40.7	39.6	40.1	-	-	-	-	-
Veneer and plywood .....	-	42.7	41.8	41.8	42.0	-	-	-	-	-
Wooden containers .....	39.0	40.3	39.7	38.8	39.2	-	2.6	2.6	1.9	2.4
Wooden boxes, shooks, and crates .....	-	40.4	40.3	38.6	39.4	-	-	-	-	-
Miscellaneous wood products .....	39.6	40.4	40.5	40.6	40.0	-	2.7	3.0	2.5	2.7
<b>FURNITURE AND FIXTURES</b> .....	39.9	42.0	41.3	40.1	41.2	-	3.8	3.4	2.5	3.3
Household furniture .....	39.8	42.3	41.5	40.1	41.5	-	4.2	3.6	2.7	3.6
Wood house furniture, unupholstered .....	-	43.2	42.5	41.9	42.5	-	-	-	-	-
Wood house furniture, upholstered .....	-	42.8	41.2	37.4	41.6	-	-	-	-	-
Mattresses and bedsprings .....	-	39.4	39.4	38.4	38.7	-	-	-	-	-
Office furniture .....	-	42.0	40.5	40.9	41.3	-	2.2	1.9	1.9	2.2
Partitions; office and store fixtures .....	-	39.9	39.8	40.1	39.3	-	2.0	2.2	1.9	1.6
Other furniture and fixtures .....	40.9	41.8	40.9	39.6	40.3	-	3.5	3.2	2.1	2.9
<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	39.6	40.5	41.5	39.9	40.1	-	3.3	3.8	2.8	3.0
Flat glass .....	-	40.0	41.7	38.7	38.7	-	2.7	4.5	1.5	1.8
Glass and glassware, pressed or blown .....	39.0	39.1	40.2	39.9	40.3	-	3.1	3.2	3.3	3.8
Glass containers .....	-	40.4	40.5	39.9	41.0	-	-	-	-	-
Pressed and blown glassware, n.e.c. .....	-	37.3	39.9	39.8	39.3	-	-	-	-	-
Cement, hydraulic .....	40.8	41.0	41.2	40.2	40.4	-	1.8	1.8	1.6	1.3
Structural clay products .....	39.1	40.5	41.3	40.1	40.1	-	2.9	3.4	2.4	2.5
Brick and structural clay tile .....	-	41.4	42.3	40.3	40.5	-	-	-	-	-
Pottery and related products .....	-	39.6	40.1	38.8	39.5	-	1.8	2.2	1.7	1.9
Concrete, gypsum, and plaster products .....	39.5	41.0	43.0	40.0	40.0	-	4.4	5.6	3.5	3.8
Other stone and mineral products .....	40.8	41.4	41.5	40.0	40.3	-	3.0	3.0	2.4	2.4
Abrasive products .....	-	41.1	40.6	39.9	40.7	-	-	-	-	-

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Durable Goods--Continued</i>										
<b>PRIMARY METAL INDUSTRIES . . . . .</b>	\$126.07	\$126.07	\$123.42	\$120.80	\$120.39	\$3.06	\$3.06	\$3.04	\$2.99	\$2.98
Blast furnace and basic steel products . . . . .	132.80	131.08	128.58	128.44	126.68	3.32	3.31	3.28	3.25	3.24
Blast furnaces, steel and rolling mills . . . . .	-	132.38	129.87	129.69	127.59	-	3.36	3.33	3.30	3.28
Iron and steel foundries . . . . .	117.87	120.10	116.20	108.14	109.88	2.78	2.78	2.76	2.67	2.68
Gray iron foundries . . . . .	-	117.78	113.79	106.37	108.09	-	2.72	2.69	2.62	2.63
Malleable iron foundries . . . . .	-	124.27	121.40	113.85	113.85	-	2.89	2.87	2.75	2.75
Steel foundries . . . . .	-	124.42	118.56	110.80	112.46	-	2.88	2.85	2.77	2.77
Nonferrous smelting and refining . . . . .	119.39	119.97	119.39	116.20	117.32	2.87	2.87	2.87	2.80	2.80
Nonferrous rolling, drawing and extruding . . . . .	120.98	122.69	120.56	116.89	118.43	2.84	2.84	2.83	2.77	2.78
Copper rolling, drawing, and extruding . . . . .	-	125.56	122.22	120.27	119.99	-	2.92	2.91	2.85	2.85
Aluminum rolling, drawing, and extruding . . . . .	-	128.53	127.08	123.73	126.78	-	3.01	2.99	2.96	2.99
Nonferrous wire drawing and insulating . . . . .	-	115.37	113.52	107.27	109.98	-	2.64	2.64	2.53	2.54
Nonferrous foundries . . . . .	109.82	110.09	108.62	107.38	106.81	2.64	2.64	2.63	2.60	2.58
Aluminum castings . . . . .	-	111.87	110.81	109.56	109.45	-	2.67	2.67	2.64	2.65
Other nonferrous castings . . . . .	-	107.90	106.04	104.81	104.58	-	2.60	2.58	2.55	2.52
Miscellaneous primary metal industries . . . . .	132.30	134.51	130.73	129.98	129.25	3.15	3.12	3.08	3.08	3.07
Iron and steel forgings . . . . .	-	137.01	134.55	131.75	130.51	-	3.27	3.25	3.19	3.16
<b>FABRICATED METAL PRODUCTS . . . . .</b>	108.92	110.77	109.56	105.52	106.30	2.65	2.65	2.64	2.58	2.58
Metal cans . . . . .	128.63	129.13	129.44	122.29	122.48	3.07	3.06	3.06	2.99	2.98
Cutlery, hand tools, and general hardware . . . . .	107.64	109.46	108.42	102.59	103.09	2.60	2.60	2.60	2.49	2.49
Cutlery and hand tools, including saws . . . . .	-	100.12	99.14	96.52	96.76	-	2.43	2.43	2.36	2.36
Hardware, n.e.c. . . . .	-	115.02	113.52	106.40	107.17	-	2.70	2.69	2.57	2.57
Heating equipment and plumbing fixtures . . . . .	100.08	102.62	102.62	98.95	98.60	2.54	2.54	2.54	2.48	2.49
Sanitary ware and plumbers' brass goods . . . . .	-	102.17	102.29	100.65	99.15	-	2.58	2.57	2.51	2.51
Heating equipment, except electric . . . . .	-	102.75	102.66	97.51	98.06	-	2.50	2.51	2.45	2.47
Fabricated structural metal products . . . . .	105.99	108.36	108.36	103.46	104.64	2.63	2.63	2.63	2.58	2.59
Fabricated structural steel . . . . .	-	109.74	110.81	104.81	105.87	-	2.67	2.67	2.64	2.66
Metal doors, sash, frames, and trim . . . . .	-	94.30	93.07	91.35	92.43	-	2.30	2.27	2.25	2.26
Fabricated plate work (boiler shops) . . . . .	-	114.26	113.99	109.08	110.43	-	2.76	2.76	2.68	2.70
Sheet metal work . . . . .	-	113.30	112.07	107.73	108.68	-	2.75	2.74	2.70	2.69
Architectural and miscellaneous metal work . . . . .	-	108.77	108.94	103.62	105.85	-	2.64	2.67	2.61	2.62
Screw machine products, bolts, etc. . . . .	109.62	109.98	107.68	108.46	108.46	2.61	2.60	2.57	2.54	2.54
Screw machine products . . . . .	-	103.39	102.97	102.72	102.96	-	2.45	2.44	2.40	2.40
Bolts, nuts, screws, rivets, and washers . . . . .	-	115.18	111.90	112.89	113.32	-	2.71	2.69	2.65	2.66
Metal stampings . . . . .	120.13	123.26	119.71	113.01	113.82	2.84	2.84	2.81	2.71	2.71
Coating, engraving, and allied services . . . . .	96.76	97.34	96.64	92.39	93.98	2.36	2.34	2.34	2.27	2.27
Miscellaneous fabricated wire products . . . . .	99.19	99.66	97.58	98.06	97.70	2.39	2.39	2.38	2.38	2.36
Miscellaneous fabricated metal products . . . . .	104.66	106.75	104.90	104.75	105.67	2.61	2.61	2.59	2.58	2.59
Valves, pipe, and pipe fittings . . . . .	-	108.39	107.18	107.71	108.12	-	2.65	2.64	2.64	2.65
<b>MACHINERY . . . . .</b>	120.13	120.98	117.88	114.40	114.53	2.84	2.84	2.82	2.75	2.74
Engines and turbines . . . . .	128.86	129.90	127.20	120.99	122.40	3.12	3.13	3.11	2.98	3.00
Steam engines and turbines . . . . .	-	140.35	138.84	130.33	132.43	-	3.39	3.37	3.21	3.23
Internal combustion engines, n.e.c. . . . .	-	124.38	121.58	116.12	116.81	-	2.99	2.98	2.86	2.87
Farm machinery and equipment . . . . .	-	116.18	112.16	111.66	110.43	-	2.82	2.79	2.73	2.72
Construction and related machinery . . . . .	117.03	119.14	117.18	112.75	112.88	2.82	2.83	2.81	2.75	2.76
Construction and mining machinery . . . . .	-	119.11	116.97	114.21	112.68	-	2.87	2.86	2.82	2.81
Oil field machinery and equipment . . . . .	-	115.87	114.59	106.90	107.59	-	2.72	2.69	2.62	2.65
Conveyors, hoists, and industrial cranes . . . . .	-	119.08	118.25	111.78	116.15	-	2.75	2.75	2.63	2.67
Metalworking machinery and equipment . . . . .	135.73	135.28	130.33	127.01	126.87	3.05	3.04	3.01	2.94	2.93
Machine tools, metal cutting types . . . . .	-	129.21	127.16	121.12	122.69	-	2.95	2.93	2.83	2.84
Special dies, tools, jigs, and fixtures . . . . .	-	150.94	142.52	142.24	140.57	-	3.26	3.21	3.14	3.11
Machine tool accessories . . . . .	-	118.28	117.18	114.24	113.01	-	2.77	2.79	2.72	2.71
Miscellaneous metalworking machinery . . . . .	-	126.87	121.51	117.14	118.28	-	2.93	2.90	2.85	2.85
Special industry machinery . . . . .	112.99	114.05	110.56	108.71	109.31	2.64	2.64	2.62	2.57	2.56
Food products machinery . . . . .	-	117.45	114.13	110.95	111.49	-	2.77	2.75	2.68	2.68
Textile machinery . . . . .	-	98.47	94.66	91.30	93.70	-	2.29	2.27	2.20	2.21
General industrial machinery . . . . .	118.43	120.84	117.03	110.43	112.06	2.84	2.85	2.82	2.70	2.72
Pumps; air and gas compressors . . . . .	-	117.73	114.39	108.65	109.33	-	2.77	2.73	2.65	2.66
Ball and roller bearings . . . . .	-	123.31	120.89	111.11	111.52	-	2.95	2.92	2.71	2.72
Mechanical power transmission goods . . . . .	-	123.69	118.58	113.85	115.64	-	2.85	2.81	2.75	2.75
Office, computing, and accounting machines . . . . .	119.02	119.48	118.78	114.21	114.49	2.91	2.90	2.89	2.82	2.82
Computing machines and cash registers . . . . .	-	128.13	126.69	121.80	122.10	-	3.11	3.09	3.00	3.00
Service industry machines . . . . .	104.49	106.45	103.57	100.90	100.35	2.58	2.59	2.57	2.51	2.49
Refrigeration, except home refrigerators . . . . .	-	106.71	103.31	100.65	99.60	-	2.59	2.57	2.51	2.49
Miscellaneous machinery . . . . .	113.74	113.58	112.25	111.09	112.14	2.67	2.66	2.66	2.62	2.62
Machine shops, jobbing and repair . . . . .	-	111.61	110.66	110.33	111.54	-	2.62	2.61	2.59	2.60
Machine parts, n.e.c., except electrical . . . . .	-	119.11	114.82	112.83	114.59	-	2.77	2.76	2.68	2.69

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

ESTABLISHMENT DATA  
HOURS AND EARNINGSTable C-2: Gross hours and earnings of production workers<sup>1</sup> by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Durable Goods--Continued</i>										
<b>PRIMARY METAL INDUSTRIES</b>	41.2	41.2	40.6	40.4	40.4	-	2.8	2.5	2.3	2.4
Blast furnace and basic steel products	40.0	39.6	39.2	39.4	39.1	-	1.4	1.2	1.3	1.1
Blast furnaces, steel and rolling mills	-	39.4	39.0	39.3	38.9	-	-	-	-	-
Iron and steel foundries	42.4	43.2	42.1	40.5	41.0	-	4.7	4.2	3.1	3.5
Gray iron foundries	-	43.3	42.3	40.6	41.1	-	-	-	-	-
Malleable iron foundries	-	43.0	42.3	41.4	41.4	-	-	-	-	-
Steel foundries	-	43.2	41.6	40.0	40.6	-	-	-	-	-
Nonferrous smelting and refining	41.6	41.8	41.6	41.5	41.9	-	2.8	2.7	2.8	3.0
Nonferrous rolling, drawing and extruding	42.6	43.2	42.6	42.2	42.6	-	4.3	3.9	3.5	3.9
Copper rolling, drawing, and extruding	-	43.0	42.0	42.2	42.1	-	-	-	-	-
Aluminum rolling, drawing, and extruding	-	42.7	42.5	41.8	42.4	-	-	-	-	-
Nonferrous wire drawing and insulating	-	43.7	43.0	42.4	43.3	-	-	-	-	-
Nonferrous foundries	41.6	41.7	41.3	41.3	41.4	-	3.3	3.1	3.2	3.3
Aluminum castings	-	41.9	41.5	41.5	41.3	-	-	-	-	-
Other nonferrous castings	-	41.5	41.1	41.1	41.5	-	-	-	-	-
Miscellaneous primary metal industries	42.0	42.7	41.9	42.2	42.1	-	3.8	3.5	3.4	3.9
Iron and steel forgings	-	41.9	41.4	41.3	41.3	-	-	-	-	-
<b>FABRICATED METAL PRODUCTS</b>	41.1	41.8	41.5	40.9	41.2	-	3.2	3.2	2.7	2.9
Metal cans	41.9	42.2	42.3	40.9	41.1	-	3.1	3.4	2.7	2.4
Cutlery, hand tools, and general hardware	41.4	42.1	41.7	41.2	41.4	-	3.5	3.5	2.8	3.1
Cutlery and hand tools, including saws	-	41.2	40.8	40.9	41.0	-	-	-	-	-
Hardware, n.e.c.	-	42.6	42.2	41.4	41.7	-	-	-	-	-
Heating equipment and plumbing fixtures	39.4	40.4	40.4	39.9	39.6	-	2.1	2.2	1.9	2.1
Sanitary ware and plumbers' brass goods	-	39.6	39.8	40.1	39.5	-	-	-	-	-
Heating equipment, except electric	-	41.1	40.9	39.8	39.7	-	-	-	-	-
Fabricated structural metal products	40.3	41.2	41.2	40.1	40.4	-	2.7	2.8	2.0	2.3
Fabricated structural steel	-	41.1	41.5	39.7	39.8	-	-	-	-	-
Metal doors, sash, frames, and trim	-	41.0	41.0	40.6	40.9	-	-	-	-	-
Fabricated plate work (boiler shops)	-	41.4	41.3	40.7	40.9	-	-	-	-	-
Sheet metal work	-	41.2	40.9	39.9	40.4	-	-	-	-	-
Architectural and miscellaneous metal work	-	41.2	40.8	39.7	40.4	-	-	-	-	-
Screw machine products, bolts, etc.	42.0	42.3	41.9	42.7	42.7	-	3.6	3.4	4.0	4.3
Screw machine products	-	42.2	42.2	42.8	42.9	-	-	-	-	-
Bolts, nuts, screws, rivets, and washers	-	42.5	41.6	42.6	42.6	-	-	-	-	-
Metal stampings	42.3	43.4	42.6	41.7	42.0	-	4.3	4.1	3.4	3.6
Coating, engraving, and allied services	41.0	41.6	41.3	40.7	41.4	-	3.7	3.8	3.2	3.5
Miscellaneous fabricated wire products	41.5	41.7	41.0	41.2	41.4	-	3.2	3.3	2.9	3.0
Miscellaneous fabricated metal products	40.1	40.9	40.5	40.6	40.8	-	2.6	2.5	2.4	2.7
Valves, pipe, and pipe fittings	-	40.9	40.6	40.8	40.8	-	-	-	-	-
<b>MACHINERY</b>	42.3	42.6	41.8	41.6	41.8	-	3.8	3.4	2.9	3.1
Engines and turbines	41.3	41.5	40.9	40.6	40.8	-	3.5	2.7	2.0	2.5
Steam engines and turbines	-	41.4	41.2	40.6	41.0	-	-	-	-	-
Internal combustion engines, n.e.c.	-	41.6	40.8	40.6	40.7	-	-	-	-	-
Farm machinery and equipment	-	41.2	40.2	40.9	40.6	-	2.6	1.8	2.0	1.9
Construction and related machinery	41.5	42.1	41.7	41.0	40.9	-	3.2	3.0	2.2	2.3
Construction and mining machinery	-	41.5	40.9	40.5	40.1	-	-	-	-	-
Oil field machinery and equipment	-	42.6	42.6	40.8	40.6	-	-	-	-	-
Conveyors, hoists, and industrial cranes	-	43.3	43.0	42.5	43.5	-	-	-	-	-
Metalworking machinery and equipment	44.5	44.5	43.3	43.2	43.3	-	5.5	5.0	4.4	4.7
Machine tools, metal cutting types	-	43.8	43.4	42.8	43.2	-	-	-	-	-
Special dies, tools, jigs, and fixtures	-	46.3	44.4	45.3	45.2	-	-	-	-	-
Machine tool accessories	-	42.7	42.0	42.0	41.7	-	-	-	-	-
Miscellaneous metalworking machinery	-	43.3	41.9	41.1	41.5	-	-	-	-	-
Special industry machinery	42.8	43.2	42.2	42.3	42.7	-	4.3	3.6	3.5	3.7
Food products machinery	-	42.4	41.5	41.4	41.6	-	-	-	-	-
Textile machinery	-	43.0	41.7	41.5	42.4	-	-	-	-	-
General industrial machinery	41.7	42.4	41.5	40.9	41.2	-	3.5	3.1	2.2	2.6
Pumps; air and gas compressors	-	42.5	41.9	41.0	41.1	-	-	-	-	-
Ball and roller bearings	-	41.8	41.4	41.0	41.0	-	-	-	-	-
Mechanical power transmission goods	-	43.4	42.2	41.4	41.9	-	-	-	-	-
Office, computing, and accounting machines	40.9	41.2	41.1	40.5	40.6	-	1.9	2.2	1.3	1.5
Computing machines and cash registers	-	41.2	41.0	40.6	40.7	-	-	-	-	-
Service industry machines	40.5	41.1	40.3	40.2	40.3	-	2.0	1.8	1.6	1.7
Refrigeration, except home refrigerators	-	41.2	40.2	40.1	40.0	-	-	-	-	-
Miscellaneous machinery	42.6	42.7	42.2	42.4	42.8	-	4.5	4.3	4.1	4.3
Machine shops, jobbing and repair	-	42.6	42.4	42.6	42.9	-	-	-	-	-
Machine parts, n.e.c., except electrical	-	43.0	41.6	42.1	42.6	-	-	-	-	-

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Durable Goods--Continued</i>										
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> . . . . .	\$100.65	\$102.66	\$100.60	\$97.93	\$100.21	\$2.51	\$2.51	\$2.49	\$2.43	\$2.45
Electric distribution equipment . . . . .	109.34	113.84	109.61	102.91	107.12	2.72	2.73	2.68	2.56	2.60
Electric measuring instruments . . . . .	-	99.38	97.76	93.83	94.54	-	2.46	2.45	2.34	2.34
Power and distribution transformers . . . . .	-	114.81	109.47	104.78	108.09	-	2.74	2.67	2.60	2.63
Switchgear and switchboard apparatus . . . . .	-	124.68	118.56	109.34	116.62	-	2.92	2.85	2.72	2.79
Electrical industrial apparatus . . . . .	105.15	107.79	104.90	102.82	102.97	2.59	2.61	2.59	2.52	2.53
Motors and generators . . . . .	-	111.64	108.53	107.49	107.38	-	2.69	2.66	2.59	2.60
Industrial controls . . . . .	-	103.16	100.50	97.02	97.91	-	2.51	2.50	2.45	2.46
Household appliances . . . . .	107.47	109.08	106.93	103.74	107.94	2.68	2.68	2.66	2.60	2.62
Household refrigerators and freezers . . . . .	-	118.73	113.58	111.32	117.42	-	2.91	2.89	2.79	2.85
Household laundry equipment . . . . .	-	115.09	110.84	106.93	111.25	-	2.76	2.73	2.68	2.72
Electric housewares and fans . . . . .	-	89.47	92.00	89.15	91.58	-	2.30	2.30	2.28	2.25
Electric lighting and wiring equipment . . . . .	95.12	96.70	94.87	90.52	92.52	2.39	2.37	2.36	2.28	2.29
Electric lamps . . . . .	-	101.19	99.23	93.93	94.40	-	2.45	2.45	2.36	2.36
Lighting fixtures . . . . .	-	97.85	95.75	92.34	94.02	-	2.41	2.37	2.32	2.31
Wiring devices . . . . .	-	93.43	91.77	87.69	90.09	-	2.29	2.30	2.22	2.23
Radio and TV receiving sets . . . . .	84.70	86.80	86.63	84.92	86.72	2.20	2.22	2.21	2.20	2.19
Communication equipment . . . . .	108.81	110.29	109.08	107.27	109.15	2.68	2.69	2.68	2.61	2.63
Telephone and telegraph apparatus . . . . .	-	109.34	106.13	106.86	107.42	-	2.68	2.64	2.60	2.62
Radio and TV communication equipment . . . . .	-	111.24	110.43	107.68	109.93	-	2.70	2.70	2.62	2.63
Electronic components and accessories . . . . .	83.53	84.61	84.19	82.37	83.20	2.12	2.11	2.11	2.08	2.08
Electron tubes . . . . .	-	98.71	98.06	93.96	95.71	-	2.39	2.38	2.32	2.34
Electronic components, n.e.c. . . . .	-	80.79	80.19	78.21	79.40	-	2.03	2.03	1.99	2.00
Miscellaneous electrical equipment and supplies . . . . .	112.61	114.36	111.64	110.72	111.41	2.72	2.71	2.69	2.63	2.64
Electrical equipment for engines . . . . .	-	120.84	116.75	116.18	118.56	-	2.85	2.82	2.74	2.77
<b>TRANSPORTATION EQUIPMENT</b> . . . . .	130.71	134.23	132.68	124.74	129.73	3.09	3.10	3.10	2.97	3.01
Motor vehicles and equipment . . . . .	138.88	144.45	142.20	129.63	138.40	3.20	3.21	3.21	3.05	3.11
Motor vehicles . . . . .	-	151.80	152.64	133.85	149.41	-	3.30	3.34	3.12	3.22
Passenger car bodies . . . . .	-	160.52	163.31	146.62	154.98	-	3.43	3.46	3.28	3.34
Truck and bus bodies . . . . .	-	104.90	102.62	107.43	105.16	-	2.54	2.54	2.57	2.54
Motor vehicle parts and accessories . . . . .	-	141.19	135.77	126.42	130.85	-	3.18	3.15	3.01	3.05
Aircraft and parts . . . . .	125.63	126.24	124.20	122.64	123.94	3.02	3.02	3.00	2.92	2.93
Aircraft . . . . .	-	125.63	124.31	121.22	122.64	-	3.02	3.01	2.90	2.92
Aircraft engines and engine parts . . . . .	-	125.55	123.52	126.18	126.18	-	3.04	3.02	2.99	2.99
Other aircraft parts and equipment . . . . .	-	129.33	124.36	120.98	123.98	-	2.98	2.94	2.86	2.87
Ship and boat building and repairing . . . . .	117.12	120.09	124.01	118.61	119.72	2.95	2.98	3.01	2.90	2.92
Ship building and repairing . . . . .	-	126.86	132.09	125.05	127.41	-	3.14	3.16	3.05	3.07
Boat building and repairing . . . . .	-	90.45	87.46	89.91	86.75	-	2.25	2.26	2.22	2.23
Railroad equipment . . . . .	-	126.28	124.22	118.89	115.54	-	3.08	3.09	2.95	2.94
Other transportation equipment . . . . .	-	91.71	89.33	85.46	86.72	-	2.27	2.25	2.18	2.19
<b>INSTRUMENTS AND RELATED PRODUCTS</b> . . . . .	102.16	102.91	102.91	99.88	101.52	2.51	2.51	2.51	2.46	2.47
Engineering and scientific instruments . . . . .	-	119.65	119.65	117.29	117.88	-	2.89	2.89	2.84	2.82
Mechanical measuring and control devices . . . . .	104.14	103.48	104.24	98.74	101.68	2.54	2.53	2.53	2.45	2.48
Mechanical measuring devices . . . . .	-	106.40	105.83	99.38	101.52	-	2.57	2.55	2.46	2.47
Automatic temperature controls . . . . .	-	99.05	101.75	97.84	101.34	-	2.47	2.50	2.44	2.49
Optical and ophthalmic goods . . . . .	93.79	95.15	94.05	92.80	92.80	2.26	2.26	2.25	2.22	2.22
Surgical, medical, and dental equipment . . . . .	84.50	86.22	86.00	82.97	84.44	2.15	2.15	2.15	2.09	2.09
Photographic equipment and supplies . . . . .	117.29	117.86	117.31	113.46	116.06	2.84	2.84	2.82	2.76	2.77
Watches and clocks . . . . .	-	82.74	81.93	82.29	83.13	-	2.10	2.09	2.11	2.11
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> . . . . .	81.74	82.59	81.59	79.58	80.19	2.08	2.07	2.05	2.03	2.02
Jewelry, silverware, and plated ware . . . . .	89.47	94.95	92.06	85.60	91.56	2.22	2.25	2.24	2.14	2.18
Toys, amusement, and sporting goods . . . . .	-	72.96	73.14	73.15	71.44	-	1.91	1.89	1.91	1.88
Toys, games, dolls, and play vehicles . . . . .	-	69.75	71.41	71.25	68.82	-	1.86	1.85	1.88	1.85
Sporting and athletic goods, n.e.c. . . . .	-	77.62	76.24	75.86	75.46	-	1.97	1.96	1.95	1.93
Pens, pencils, office and art materials . . . . .	-	79.38	78.00	76.44	76.76	-	1.96	1.95	1.94	1.90
Costume jewelry, buttons, and notions . . . . .	-	76.76	75.01	71.39	72.47	-	1.90	1.88	1.84	1.83
Other manufacturing industries . . . . .	87.91	89.02	87.82	85.14	86.22	2.22	2.22	2.19	2.15	2.15
<i>Nondurable Goods</i>										
<b>FOOD AND KINDRED PRODUCTS</b> . . . . .	95.75	96.59	95.94	92.52	93.71	2.37	2.35	2.34	2.29	2.28
Meat products . . . . .	106.08	107.78	107.95	100.19	102.26	2.55	2.53	2.54	2.48	2.47
Meat packing . . . . .	-	127.74	129.20	118.30	120.40	-	2.89	2.91	2.81	2.80
Sausages and other prepared meats . . . . .	-	113.32	113.05	104.12	109.04	-	2.66	2.66	2.59	2.59
Poultry dressing and packing . . . . .	-	59.99	58.60	51.26	54.98	-	1.55	1.53	1.42	1.47

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

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

Industry	Average weekly hours					Average overtime hours				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Durable Goods--Continued</i>										
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> . . . . .	40.1	40.9	40.4	40.3	40.9	-	2.3	2.1	1.9	2.4
Electric distribution equipment . . . . .	40.2	41.7	40.9	40.2	41.2	-	2.8	2.4	1.5	2.5
Electric measuring instruments . . . . .	-	40.4	39.9	40.1	40.4	-	-	-	-	-
Power and distribution transformers . . . . .	-	41.9	41.0	40.3	41.1	-	-	-	-	-
Switchgear and switchboard apparatus . . . . .	-	42.7	41.6	40.2	41.8	-	-	-	-	-
Electrical industrial apparatus . . . . .	40.6	41.3	40.5	40.8	40.7	-	2.7	2.4	2.1	2.3
Motors and generators . . . . .	-	41.5	40.8	41.5	41.3	-	-	-	-	-
Industrial controls . . . . .	-	41.1	40.2	39.6	39.8	-	-	-	-	-
Household appliances . . . . .	40.1	40.7	40.2	39.9	41.2	-	2.1	2.1	1.3	2.3
Household refrigerators and freezers . . . . .	-	40.8	39.3	39.9	41.2	-	-	-	-	-
Household laundry equipment . . . . .	-	41.7	40.6	39.9	40.9	-	-	-	-	-
Electric housewares and fans . . . . .	-	38.9	40.0	39.1	40.7	-	-	-	-	-
Electric lighting and wiring equipment . . . . .	39.8	40.8	40.2	39.7	40.4	-	2.4	2.2	1.7	2.0
Electric lamps . . . . .	-	41.3	40.5	39.8	40.0	-	-	-	-	-
Lighting fixtures . . . . .	-	40.6	40.4	39.8	40.7	-	-	-	-	-
Wiring devices . . . . .	-	40.8	39.9	39.5	40.4	-	-	-	-	-
Radio and TV receiving sets . . . . .	38.5	39.1	39.2	38.6	39.6	-	1.4	1.6	1.1	2.0
Communication equipment . . . . .	40.6	41.0	40.7	41.1	41.5	-	2.1	1.8	2.2	2.5
Telephone and telegraph apparatus . . . . .	-	40.8	40.2	41.1	41.0	-	-	-	-	-
Radio and TV communication equipment . . . . .	-	41.2	40.9	41.1	41.8	-	-	-	-	-
Electronic components and accessories . . . . .	39.4	40.1	39.9	39.6	40.0	-	2.0	2.1	1.7	2.0
Electron tubes . . . . .	-	41.3	41.2	40.5	40.9	-	-	-	-	-
Electronic components, n.e.c. . . . .	-	39.8	39.5	39.3	39.7	-	-	-	-	-
Miscellaneous electrical equipment and supplies . . . . .	41.4	42.2	41.5	42.1	42.2	-	3.6	2.8	3.4	3.9
Electrical equipment for engines . . . . .	-	42.4	41.4	42.4	42.8	-	-	-	-	-
<b>TRANSPORTATION EQUIPMENT</b> . . . . .	42.3	43.3	42.8	42.0	43.1	-	4.7	4.5	3.3	4.7
Motor vehicles and equipment . . . . .	43.4	45.0	44.3	42.5	44.5	-	6.5	6.1	3.8	6.1
Motor vehicles . . . . .	-	46.0	45.7	42.9	46.4	-	-	-	-	-
Passenger car bodies . . . . .	-	46.8	47.2	44.7	46.4	-	-	-	-	-
Truck and bus bodies . . . . .	-	41.3	40.4	41.8	41.4	-	-	-	-	-
Motor vehicle parts and accessories . . . . .	-	44.4	43.1	42.0	42.9	-	-	-	-	-
Aircraft and parts . . . . .	41.6	41.8	41.4	42.0	42.3	-	2.7	2.6	2.9	3.3
Aircraft . . . . .	-	41.6	41.3	41.8	42.0	-	-	-	-	-
Aircraft engines and engine parts . . . . .	-	41.3	40.9	42.2	42.2	-	-	-	-	-
Other aircraft parts and equipment . . . . .	-	43.4	42.3	42.3	43.2	-	-	-	-	-
Ship and boat building and repairing . . . . .	39.7	40.3	41.2	40.9	41.0	-	3.0	3.5	3.1	3.5
Ship building and repairing . . . . .	-	40.4	41.8	41.0	41.5	-	-	-	-	-
Boat building and repairing . . . . .	-	40.2	38.7	40.5	38.9	-	-	-	-	-
Railroad equipment . . . . .	-	41.0	40.2	40.3	39.3	-	2.2	2.0	1.6	1.5
Other transportation equipment . . . . .	-	40.4	39.7	39.2	39.6	-	2.7	2.5	1.8	2.1
<b>INSTRUMENTS AND RELATED PRODUCTS</b> . . . . .	40.7	41.0	41.0	40.6	41.1	-	2.5	2.5	2.2	2.6
Engineering and scientific instruments . . . . .	-	41.4	41.4	41.3	41.8	-	3.5	2.9	2.8	3.1
Mechanical measuring and control devices . . . . .	41.0	40.9	41.2	40.3	41.0	-	2.2	2.7	1.9	2.6
Mechanical measuring devices . . . . .	-	41.4	41.5	40.4	41.1	-	-	-	-	-
Automatic temperature controls . . . . .	-	40.1	40.7	40.1	40.7	-	-	-	-	-
Optical and ophthalmic goods . . . . .	41.5	42.1	41.8	41.8	41.8	-	2.7	2.5	2.0	2.1
Surgical, medical, and dental equipment . . . . .	39.3	40.1	40.0	39.7	40.4	-	2.0	2.1	1.6	2.2
Photographic equipment and supplies . . . . .	41.3	41.5	41.6	41.1	41.9	-	2.7	2.9	3.1	3.0
Watches and clocks . . . . .	-	39.4	39.2	39.0	39.4	-	2.0	1.7	1.5	1.8
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> . . . . .	39.3	39.9	39.8	39.2	39.7	-	2.5	2.5	2.0	2.4
Jewelry, silverware, and plated ware . . . . .	40.3	42.2	41.1	40.0	42.0	-	4.6	4.1	2.5	4.2
Toys, amusement, and sporting goods . . . . .	-	38.2	38.7	38.3	38.0	-	1.6	2.0	1.7	1.5
Toys, games, dolls, and play vehicles . . . . .	-	37.5	38.6	37.9	37.2	-	-	-	-	-
Sporting and athletic goods, n.e.c. . . . .	-	39.4	38.9	38.9	39.1	-	-	-	-	-
Pens, pencils, office and art materials . . . . .	-	40.5	40.0	39.4	40.4	-	3.0	2.0	1.9	2.1
Costume jewelry, buttons, and notions . . . . .	-	40.4	39.9	38.8	39.6	-	2.7	2.5	1.7	2.2
Other manufacturing industries . . . . .	39.6	40.1	40.1	39.6	40.1	-	2.4	2.6	2.3	2.6
<i>Nondurable Goods</i>										
<b>FOOD AND KINDRED PRODUCTS</b> . . . . .	40.4	41.1	41.0	40.4	41.1	-	3.5	3.5	3.1	3.4
Meat products . . . . .	41.6	42.6	42.5	40.4	41.4	-	4.8	4.9	3.3	4.2
Meat packing . . . . .	-	44.2	44.4	42.1	43.0	-	-	-	-	-
Sausages and other prepared meats . . . . .	-	42.6	42.5	40.2	42.1	-	-	-	-	-
Poultry dressing and packing . . . . .	-	38.7	38.3	36.1	37.4	-	-	-	-	-

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Nondurable Goods--Continued</i>										
<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
Dairy products	\$100.02	\$99.90	\$99.66	\$97.29	\$97.33	\$2.41	\$2.39	\$2.39	\$2.30	\$2.29
Ice cream and frozen desserts	-	95.99	95.20	92.90	92.73	-	2.43	2.41	2.34	2.33
Fluid milk	-	104.16	104.23	101.39	101.63	-	2.48	2.47	2.38	2.38
Canned and preserved food, except meats	-	73.63	71.39	73.13	71.99	-	1.99	1.94	1.95	1.93
Canned, cured and frozen sea foods	-	66.93	61.12	62.89	60.78	-	1.88	1.91	1.90	1.87
Canned food, except sea foods	-	79.07	75.64	78.98	78.41	-	2.07	1.98	2.02	1.99
Frozen food, except sea foods	-	65.52	67.61	68.64	64.06	-	1.82	1.77	1.76	1.76
Grain mill products	107.16	115.58	108.38	103.64	104.58	2.43	2.41	2.43	2.35	2.35
Flour and other grain mill products	-	115.58	121.57	109.75	114.10	-	2.58	2.62	2.50	2.53
Prepared feeds for animals and fowls	-	92.21	91.35	92.46	92.80	-	2.04	2.03	2.01	2.00
Bakery products	93.46	94.87	94.64	90.68	92.29	2.36	2.36	2.36	2.29	2.29
Bread, cake, and perishable products	-	95.91	97.20	92.10	93.96	-	2.38	2.40	2.32	2.32
Biscuit, crackers, and pretzels	-	90.40	87.30	86.02	87.52	-	2.26	2.25	2.20	2.21
Sugar	-	97.68	94.61	96.93	96.30	-	2.22	2.19	2.37	2.08
Confectionery and related products	77.01	77.81	77.81	76.44	77.59	1.99	1.96	1.96	1.94	1.93
Candy and other confectionery products	-	74.05	73.68	72.52	74.40	-	1.87	1.87	1.85	1.86
Beverages	101.38	105.47	107.20	101.79	104.41	2.64	2.67	2.68	2.59	2.63
Malt liquors	-	131.63	135.88	131.26	133.33	-	3.41	3.44	3.34	3.35
Bottled and canned soft drinks	-	77.55	74.99	71.38	72.62	-	1.91	1.87	1.78	1.82
Miscellaneous food and kindred products	95.37	96.77	96.78	92.65	92.88	2.26	2.24	2.23	2.18	2.16
<b>TOBACCO MANUFACTURES</b>										
Cigarettes	73.53	75.45	73.12	73.15	75.20	1.93	1.91	1.88	1.90	1.88
Cigars	-	93.67	96.82	90.32	95.53	-	2.33	2.35	2.31	2.33
	-	63.41	63.18	59.57	59.14	-	1.63	1.62	1.58	1.54
<b>TEXTILE MILL PRODUCTS</b>										
Cotton broad woven fabrics	70.05	72.51	72.28	67.26	68.45	1.76	1.76	1.75	1.69	1.69
Silk and synthetic broad woven fabrics	73.08	73.60	73.35	66.66	67.49	1.74	1.74	1.73	1.65	1.65
Weaving and finishing broad woolsens	76.56	79.64	78.44	73.35	74.99	1.81	1.81	1.80	1.73	1.74
Narrow fabrics and smallwares	75.81	75.62	71.94	75.35	74.80	1.84	1.84	1.84	1.82	1.82
Knitting	71.20	73.28	72.51	70.69	70.69	1.78	1.77	1.76	1.72	1.72
Full-fashioned hosiery	59.81	62.79	64.30	59.94	60.16	1.68	1.67	1.67	1.62	1.60
Seamless hosiery	-	61.83	61.88	57.56	60.30	-	1.64	1.62	1.56	1.55
Knit outerwear	-	59.84	61.37	56.63	56.36	-	1.60	1.59	1.56	1.54
Knit underwear	-	63.89	66.20	62.05	62.36	-	1.76	1.77	1.70	1.69
Finishing textiles, except wool and knit	-	60.26	60.04	57.75	59.52	-	1.59	1.58	1.54	1.53
Floor covering	80.10	84.83	83.76	75.48	80.46	1.93	1.95	1.93	1.85	1.88
Yarn and thread	63.76	77.29	78.74	71.86	75.47	1.61	1.81	1.81	1.77	1.78
Miscellaneous textile goods	78.61	66.33	66.08	60.61	61.29	1.61	1.61	1.60	1.55	1.54
	-	83.60	83.20	78.98	80.73	1.99	2.00	2.00	1.95	1.95
<b>APPAREL AND RELATED PRODUCTS</b>										
Men's and boys' suits and coats	60.36	63.54	63.01	60.35	60.31	1.77	1.77	1.76	1.70	1.68
Men's and boys' furnishings	72.73	77.49	76.59	71.57	73.17	2.09	2.10	2.11	1.95	1.95
Men's and boys' shirts and nightwear	53.66	55.57	54.96	52.85	52.82	1.52	1.51	1.51	1.44	1.42
Men's and boys' separate trousers	-	54.53	54.91	52.45	52.92	-	1.49	1.48	1.41	1.40
Work clothing	-	56.61	54.05	53.87	53.42	-	1.53	1.54	1.46	1.44
Women's, misses', and juniors' outerwear	63.31	65.38	63.74	63.65	62.79	1.96	1.94	1.92	1.90	1.88
Women's blouses, waists, and shirts	-	55.58	57.73	53.66	52.70	-	1.63	1.64	1.56	1.55
Women's, misses', and juniors' dresses	-	63.90	63.24	61.37	60.61	-	1.96	1.97	1.93	1.90
Women's suits, skirts, and coats	-	78.92	73.83	78.96	76.23	-	2.37	2.30	2.35	2.31
Women's and misses' outerwear, n.e.c.	-	60.19	59.01	59.73	59.31	1.61	1.64	1.63	1.61	1.59
Women's and children's undergarments	54.22	58.77	60.00	54.11	55.33	-	1.61	1.60	1.52	1.52
Women's and children's underwear	-	56.21	58.06	52.12	53.14	-	1.54	1.54	1.46	1.46
Corsets and allied garments	-	63.88	64.18	58.76	59.17	-	1.75	1.73	1.66	1.63
Hats, caps, and millinery	-	66.76	64.07	63.70	64.97	-	1.87	1.81	1.82	1.78
Girls' and children's outerwear	53.56	55.58	56.25	54.67	52.50	1.58	1.57	1.58	1.54	1.50
Children's dresses, blouses, and shirts	-	55.14	56.92	54.41	51.79	-	1.58	1.59	1.55	1.51
Fur goods and miscellaneous apparel	-	67.66	69.73	63.19	67.16	-	1.89	1.90	1.77	1.85
Miscellaneous fabricated textile products	65.88	70.41	69.63	64.18	65.88	1.82	1.81	1.79	1.73	1.72
Housefurnishings	-	61.37	61.37	55.59	59.37	-	1.59	1.59	1.54	1.55
<b>PAPER AND ALLIED PRODUCTS</b>										
Paper and pulp	106.77	108.11	107.43	103.21	104.43	2.53	2.52	2.51	2.44	2.44
Paperboard	117.89	118.70	119.41	115.46	115.46	2.71	2.71	2.72	2.63	2.63
Converted paper and paperboard products	121.16	122.43	120.12	114.93	119.08	2.76	2.77	2.73	2.63	2.67
Bags, except textile bags	95.40	98.41	95.49	91.84	92.77	2.31	2.31	2.29	2.24	2.23
Paperboard containers and boxes	-	92.66	87.97	85.84	87.35	-	2.16	2.13	2.13	2.11
Folding and setup paperboard boxes	97.34	98.23	98.05	92.80	94.66	2.38	2.35	2.34	2.28	2.27
Corrugated and solid fiber boxes	-	90.50	88.60	82.18	85.49	-	2.16	2.14	2.07	2.08
	-	105.08	107.07	100.60	101.88	-	2.49	2.49	2.43	2.42

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



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

Industry	Average weekly hours					Average overtime hours				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Nondurable Goods--Continued</i>										
<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
Dairy products . . . . .	41.5	41.8	41.7	42.3	42.5	-	2.7	2.5	3.1	3.2
Ice cream and frozen desserts . . . . .	-	39.5	39.5	39.7	39.8	-	-	-	-	-
Fluid milk . . . . .	-	42.0	42.2	42.6	42.7	-	-	-	-	-
Canned and preserved food, except meats . . . . .	-	37.0	36.8	37.5	37.3	-	2.0	1.7	2.2	2.2
Canned, cured and frozen sea foods . . . . .	-	35.6	32.0	33.1	32.5	-	-	-	-	-
Canned food, except sea foods . . . . .	-	38.2	38.2	39.1	39.4	-	-	-	-	-
Frozen food, except sea foods . . . . .	-	36.0	38.2	39.0	36.4	-	-	-	-	-
Grain mill products . . . . .	44.1	44.1	44.6	44.1	44.5	-	5.3	6.2	5.8	6.1
Flour and other grain mill products . . . . .	-	44.8	46.4	43.9	45.1	-	-	-	-	-
Prepared feeds for animals and fowls . . . . .	-	45.2	45.0	46.0	46.4	-	-	-	-	-
Bakery products . . . . .	39.6	40.2	40.1	39.6	40.3	-	3.0	2.9	2.5	2.9
Bread, cake, and perishable products . . . . .	-	40.3	40.5	39.7	40.5	-	-	-	-	-
Biscuit, crackers, and pretzels . . . . .	-	40.0	38.8	39.1	39.6	-	-	-	-	-
Sugar . . . . .	-	44.0	43.2	40.9	46.3	-	3.0	3.3	3.1	2.7
Confectionery and related products . . . . .	38.7	39.7	39.7	39.4	40.2	-	2.6	2.7	2.3	3.0
Candy and other confectionery products . . . . .	-	39.6	39.4	39.2	40.0	-	-	-	-	-
Beverages . . . . .	38.4	39.5	40.0	39.3	39.7	-	2.5	2.9	2.3	2.4
Malt liquors . . . . .	-	38.6	39.5	39.3	39.8	-	-	-	-	-
Bottled and canned soft drinks . . . . .	-	40.6	40.1	40.1	39.9	-	-	-	-	-
Miscellaneous food and kindred products . . . . .	42.2	43.2	43.4	42.5	43.0	-	4.3	4.2	3.8	4.2
<b>TOBACCO MANUFACTURES</b>										
Cigarettes . . . . .	38.1	39.5	38.9	38.5	40.0	-	1.4	1.4	.6	1.1
Cigars . . . . .	-	40.2	41.2	39.1	41.0	-	1.2	1.6	.5	1.2
	-	38.9	39.0	37.7	38.4	-	1.5	1.7	.7	1.0
<b>TEXTILE MILL PRODUCTS</b>										
Cotton broad woven fabrics . . . . .	39.8	41.2	41.3	39.8	40.5	-	3.5	3.7	2.8	3.0
Silk and synthetic broad woven fabrics . . . . .	42.0	42.3	42.4	40.4	40.9	-	4.0	4.3	3.0	3.0
Weaving and finishing broad woollens . . . . .	42.3	44.0	43.8	42.4	43.1	-	5.0	5.2	4.0	4.3
Narrow fabrics and smallwares . . . . .	41.2	41.1	39.1	41.4	41.1	-	3.1	2.4	3.4	3.1
Knitting . . . . .	40.0	41.4	41.2	41.1	41.1	-	3.2	3.4	3.3	3.2
Full-fashioned hosiery . . . . .	35.6	37.6	38.5	37.0	37.6	-	1.8	2.2	1.6	1.7
Seamless hosiery . . . . .	-	37.7	38.2	36.9	38.9	-	-	-	-	-
Knit outerwear . . . . .	-	37.4	38.6	36.3	36.6	-	-	-	-	-
Knit underwear . . . . .	-	36.3	37.4	36.5	36.9	-	-	-	-	-
Finishing textiles, except wool and knit . . . . .	-	37.9	38.0	37.5	38.9	-	-	-	-	-
Floor covering . . . . .	41.5	43.5	43.4	40.8	42.8	-	4.8	4.7	3.1	4.4
Yarn and thread . . . . .	41.2	42.7	43.5	40.6	42.4	-	4.7	5.0	3.3	4.4
Miscellaneous textile goods . . . . .	39.6	41.2	41.3	39.1	39.8	-	3.2	3.6	2.5	2.6
	39.5	41.8	41.6	40.5	41.4	-	3.8	3.9	3.2	3.7
<b>APPAREL AND RELATED PRODUCTS</b>										
Men's and boys' suits and coats . . . . .	34.1	35.9	35.8	35.5	35.9	-	1.2	1.3	1.0	1.2
Men's and boys' furnishings . . . . .	34.8	36.9	36.3	36.7	37.5	-	.9	.9	1.1	1.3
Men's and boys' shirts and nightwear . . . . .	35.3	36.8	36.4	36.7	37.2	-	1.0	.9	.9	1.0
Men's and boys' separate trousers . . . . .	-	36.6	37.1	37.2	37.8	-	-	-	-	-
Work clothing . . . . .	-	37.0	35.1	36.9	37.1	-	-	-	-	-
Women's, misses', and juniors' outerwear . . . . .	32.3	36.6	36.4	36.2	36.4	-	1.1	1.1	1.1	1.2
Women's blouses, waists, and shirts . . . . .	-	33.7	33.2	33.5	33.4	-	-	-	-	-
Women's, misses', and juniors' dresses . . . . .	-	34.1	35.2	34.4	34.0	-	-	-	-	-
Women's suits, skirts, and coats . . . . .	-	32.6	32.1	31.8	31.9	-	-	-	-	-
Women's and misses' outerwear, n.e.c. . . . .	-	33.3	32.1	33.6	33.0	-	-	-	-	-
Women's and children's undergarments . . . . .	-	36.7	36.2	37.1	37.3	-	-	-	-	-
Women's and children's underwear . . . . .	33.8	36.5	37.5	35.6	36.4	-	1.4	1.8	.9	1.2
Corsets and allied garments . . . . .	-	36.5	37.1	35.4	36.3	-	-	-	-	-
Hats, caps, and millinery . . . . .	-	35.7	35.4	35.0	36.5	-	1.1	1.0	1.1	1.2
Girls' and children's outerwear . . . . .	33.9	35.4	35.6	35.5	35.0	-	1.0	1.1	.8	.7
Children's dresses, blouses, and shirts . . . . .	-	34.9	35.8	35.1	34.3	-	-	-	-	-
Fur goods and miscellaneous apparel . . . . .	-	35.8	36.7	35.7	36.3	-	1.2	1.6	.8	1.2
Miscellaneous fabricated textile products . . . . .	36.2	38.9	38.9	37.1	38.3	-	2.2	2.1	1.3	1.8
Housefurnishings . . . . .	-	38.6	38.6	36.1	38.3	-	-	-	-	-
<b>PAPER AND ALLIED PRODUCTS</b>										
Paper and pulp . . . . .	42.2	42.9	42.8	42.3	42.8	-	4.4	4.6	4.1	4.5
Paperboard . . . . .	43.5	43.8	43.9	43.9	43.9	-	5.2	5.5	5.3	5.2
Converted paper and paperboard products . . . . .	43.9	44.2	44.0	43.7	44.6	-	5.9	5.9	5.4	6.3
Bags, except textile bags . . . . .	41.3	42.6	41.7	41.0	41.6	-	3.6	3.3	2.9	3.3
Paperboard containers and boxes . . . . .	40.9	42.9	41.3	40.3	41.4	-	-	-	-	-
Folding and setup paperboard boxes . . . . .	-	41.8	41.9	40.7	41.7	-	3.7	3.9	3.2	3.8
Corrugated and solid fiber boxes . . . . .	-	41.9	41.4	39.7	41.1	-	-	-	-	-
	-	42.2	43.0	41.4	42.1	-	-	-	-	-

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Nondurable Goods--Continued</i>										
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES . . . . .</b>	\$111.25	\$114.27	\$110.78	\$107.16	\$109.24	\$2.92	\$2.93	\$2.90	\$2.82	\$2.83
Newspaper publishing and printing . . . . .	112.94	118.24	114.61	107.16	113.22	3.12	3.17	3.14	3.01	3.06
Periodical publishing and printing . . . . .	-	116.91	116.51	106.65	113.15	-	2.93	2.92	2.77	2.85
Books . . . . .	-	105.26	101.27	100.84	100.04	-	2.58	2.59	2.54	2.52
Commercial printing . . . . .	113.00	115.63	112.81	109.52	111.50	2.92	2.92	2.90	2.83	2.83
Commercial printing, except lithographic . . . . .	-	113.18	110.97	107.31	108.98	-	2.88	2.86	2.78	2.78
Commercial printing, lithographic . . . . .	-	122.11	117.60	114.07	116.69	-	3.03	3.00	2.91	2.91
Bookbinding and related industries . . . . .	87.98	90.02	88.46	86.71	87.01	2.34	2.32	2.28	2.27	2.26
Other publishing and printing industries . . . . .	117.21	117.41	113.28	113.68	112.23	2.99	2.98	2.95	2.93	2.90
<b>CHEMICALS AND ALLIED PRODUCTS . . . . .</b>	115.65	114.82	113.85	111.10	112.17	2.78	2.76	2.75	2.69	2.69
Industrial chemicals . . . . .	132.40	130.42	129.27	126.05	127.56	3.13	3.12	3.10	3.03	3.03
Plastics and synthetics, except glass . . . . .	115.50	114.39	112.74	109.59	111.19	2.75	2.73	2.71	2.66	2.66
Plastics and synthetics, except fibers . . . . .	-	124.68	121.25	117.18	118.72	-	2.92	2.88	2.81	2.82
Synthetic fibers . . . . .	-	103.34	102.59	99.47	101.26	-	2.49	2.49	2.44	2.44
Drugs . . . . .	103.07	100.85	100.60	100.85	101.02	2.52	2.49	2.49	2.43	2.44
Pharmaceutical preparations . . . . .	-	97.60	97.20	96.05	94.24	-	2.44	2.43	2.36	2.35
Soap, cleaners, and toilet goods . . . . .	108.00	107.83	106.86	103.97	104.70	2.66	2.63	2.60	2.58	2.56
Soap and detergents . . . . .	-	129.16	127.30	124.94	125.75	-	3.09	3.06	3.04	3.03
Toilet preparations . . . . .	-	90.13	89.35	84.28	87.53	-	2.22	2.19	2.15	2.14
Paints, varnishes, and allied products . . . . .	102.82	106.19	105.93	101.71	102.31	2.59	2.59	2.59	2.53	2.52
Agricultural chemicals . . . . .	93.02	94.57	93.26	89.68	90.30	2.22	2.22	2.21	2.12	2.15
Fertilizers, complete and mixing only . . . . .	-	91.16	89.89	85.85	86.10	-	2.13	2.12	2.02	2.05
Other chemical products . . . . .	110.27	111.14	110.46	105.83	107.10	2.67	2.64	2.63	2.55	2.55
<b>PETROLEUM REFINING AND RELATED INDUSTRIES . . . . .</b>	133.16	132.57	132.39	130.62	126.99	3.24	3.21	3.19	3.14	3.06
Petroleum refining . . . . .	139.67	139.86	139.44	137.52	132.48	3.39	3.37	3.36	3.29	3.20
Other petroleum and coal products . . . . .	101.91	102.11	105.83	102.25	105.34	2.51	2.54	2.55	2.50	2.52
<b>RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS . . . . .</b>	102.16	105.08	102.91	100.37	101.76	2.51	2.52	2.51	2.46	2.47
Tires and inner tubes . . . . .	134.39	142.28	137.53	129.52	134.55	3.31	3.34	3.33	3.23	3.25
Other rubber products . . . . .	98.66	100.12	98.49	96.29	97.23	2.43	2.43	2.42	2.36	2.36
Miscellaneous plastic products . . . . .	87.94	89.87	88.17	86.72	86.51	2.15	2.15	2.14	2.11	2.11
<b>LEATHER AND LEATHER PRODUCTS . . . . .</b>	69.12	69.45	66.59	65.60	65.05	1.80	1.79	1.79	1.74	1.73
Leather tanning and finishing . . . . .	89.67	94.12	92.57	88.84	88.84	2.27	2.29	2.28	2.21	2.21
Footwear, except rubber . . . . .	68.11	67.34	63.51	63.54	62.66	1.76	1.74	1.74	1.69	1.68
Other leather products . . . . .	65.47	66.47	66.12	62.70	62.42	1.76	1.74	1.74	1.69	1.66
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
<b>RAILROAD TRANSPORTATION:</b>										
Class I railroads . . . . .	-	(2)	(2)	(2)	116.48	-	(2)	(2)	(2)	2.78
<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
Local and suburban transportation . . . . .	-	101.68	102.41	98.83	100.01	-	2.45	2.45	2.37	2.37
Intercity and rural bus lines . . . . .	-	120.93	123.38	123.52	115.51	-	2.90	2.91	2.82	2.79
<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE . . . . .</b>	-	119.39	117.29	111.93	115.23	-	2.87	2.84	2.75	2.77
<b>PIPELINE TRANSPORTATION . . . . .</b>	-	143.03	139.47	138.58	139.52	-	3.48	3.41	3.38	3.37
<b>COMMUNICATION:</b>										
Telephone communication . . . . .	-	103.62	106.08	99.94	101.35	-	2.61	2.60	2.53	2.54
Switchboard operating employees <sup>3</sup> . . . . .	-	76.32	82.08	74.98	75.24	-	2.12	2.11	2.06	2.05
Line construction employees <sup>4</sup> . . . . .	-	149.18	151.18	138.99	143.09	-	3.33	3.33	3.21	3.23
Telegraph communication <sup>5</sup> . . . . .	-	112.32	111.90	108.05	106.97	-	2.70	2.69	2.61	2.59
Radio and television broadcasting . . . . .	-	136.32	134.85	134.30	130.93	-	3.46	3.44	3.40	3.34
<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>										
Electric companies and systems . . . . .	-	124.94	123.41	120.42	121.60	-	3.04	3.01	2.93	2.93
Gas companies and systems . . . . .	-	117.16	117.16	111.38	113.98	-	2.83	2.83	2.71	2.74
Combined utility systems . . . . .	-	137.57	135.34	128.64	130.94	-	3.26	3.23	3.13	3.14
Water, steam, and sanitary systems . . . . .	-	100.02	100.26	97.23	96.29	-	2.41	2.41	2.36	2.36

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

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

Industry	Average weekly hours					Average overtime hours				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<i>Nonurable Goods--Continued</i>										
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES . . . . .</b>	38.1	39.0	38.2	38.0	38.6	-	3.2	2.7	2.4	3.0
Newspaper publishing and printing . . . . .	36.2	37.3	36.5	35.6	37.0	-	3.2	2.4	1.7	3.0
Periodical publishing and printing . . . . .	-	39.9	39.9	38.5	39.7	-	3.1	3.7	2.2	3.2
Books . . . . .	-	40.8	39.1	39.7	39.7	-	3.6	2.7	2.6	2.8
Commercial printing . . . . .	38.7	39.6	38.9	38.7	39.4	-	3.3	2.9	2.7	3.1
Commercial printing, except lithographic . . . . .	-	39.3	38.8	38.6	39.2	-	-	-	-	-
Commercial printing, lithographic . . . . .	-	40.3	39.2	39.2	40.1	-	-	-	-	-
Bookbinding and related industries . . . . .	37.6	38.8	38.8	38.2	38.5	-	2.6	2.4	2.2	2.1
Other publishing and printing industries . . . . .	39.2	39.4	38.4	38.8	38.7	-	2.9	2.4	2.4	2.6
<b>CHEMICALS AND ALLIED PRODUCTS . . . . .</b>	41.6	41.6	41.4	41.3	41.7	-	2.4	2.4	2.2	2.4
Industrial chemicals . . . . .	42.3	41.8	41.7	41.6	42.1	-	2.4	2.4	2.2	2.5
Plastics and synthetics, except glass . . . . .	42.0	41.9	41.6	41.2	41.8	-	2.3	2.1	1.9	2.1
Plastics and synthetics, except fibers . . . . .	-	42.7	42.1	41.7	42.1	-	-	-	-	-
Synthetic fibers . . . . .	-	41.5	41.2	40.7	41.5	-	-	-	-	-
Drugs . . . . .	40.9	40.5	40.4	41.5	41.4	-	2.0	2.0	2.4	2.4
Pharmaceutical preparations . . . . .	-	40.0	40.0	40.7	40.1	-	-	-	-	-
Soap, cleaners, and toilet goods . . . . .	40.6	41.0	41.1	40.3	40.9	-	2.7	2.5	2.3	2.4
Soap and detergents . . . . .	-	41.8	41.6	41.1	41.5	-	-	-	-	-
Toilet preparations . . . . .	-	40.6	40.8	39.2	40.9	-	-	-	-	-
Paints, varnishes, and allied products . . . . .	39.7	41.0	40.9	40.2	40.6	-	1.8	1.9	1.5	1.6
Agricultural chemicals . . . . .	41.9	42.6	42.2	42.3	42.0	-	3.7	3.5	3.3	3.4
Fertilizers, complete and mixing only . . . . .	-	42.8	42.4	42.5	42.0	-	-	-	-	-
Other chemical products . . . . .	41.3	42.1	42.0	41.5	42.0	-	2.7	2.8	2.6	2.8
<b>PETROLEUM REFINING AND RELATED INDUSTRIES . . . . .</b>	41.1	41.3	41.5	41.6	41.5	-	2.1	2.3	2.0	2.0
Petroleum refining . . . . .	41.2	41.5	41.5	41.8	41.4	-	1.9	1.9	1.7	1.5
Other petroleum and coal products . . . . .	40.6	40.2	41.5	40.9	41.8	-	3.0	3.6	3.1	3.9
<b>RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS . . . . .</b>	40.7	41.7	41.0	40.8	41.2	-	3.4	3.2	2.8	3.1
Tires and inner tubes . . . . .	40.6	42.6	41.3	40.1	41.4	-	4.3	3.7	2.8	3.5
Other rubber products . . . . .	40.6	41.2	40.7	40.8	41.2	-	2.8	2.8	2.6	3.0
Miscellaneous plastic products . . . . .	40.9	41.8	41.2	41.1	41.0	-	3.5	3.3	3.0	3.1
<b>LEATHER AND LEATHER PRODUCTS . . . . .</b>	38.4	38.8	37.2	37.7	37.6	-	1.7	1.4	1.2	1.3
Leather tanning and finishing . . . . .	39.5	41.1	40.6	40.2	40.2	-	3.0	2.9	2.4	2.5
Foot wear, except rubber . . . . .	38.7	38.7	36.5	37.6	37.3	-	1.5	1.1	1.1	1.1
Other leather products . . . . .	37.2	38.2	38.0	37.1	37.6	-	1.9	1.8	1.2	1.6
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
<b>RAILROAD TRANSPORTATION:</b>										
Class I railroads <sup>2</sup> . . . . .	-	(2)	(2)	(2)	41.9	-	-	-	-	-
<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
Local and suburban transportation . . . . .	-	41.5	41.8	41.7	42.2	-	-	-	-	-
Intercity and rural bus lines . . . . .	-	41.7	42.4	43.8	41.4	-	-	-	-	-
<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE . . . . .</b>										
-	-	41.6	41.3	40.7	41.6	-	-	-	-	-
<b>PIPELINE TRANSPORTATION . . . . .</b>										
-	-	41.1	40.9	41.0	41.4	-	-	-	-	-
<b>COMMUNICATION:</b>										
Telephone communication . . . . .	-	39.7	40.8	39.5	39.9	-	-	-	-	-
Switchboard operating employees <sup>3</sup> . . . . .	-	36.0	38.9	36.4	36.7	-	-	-	-	-
Line construction employees <sup>4</sup> . . . . .	-	44.8	45.4	43.3	44.3	-	-	-	-	-
Telegraph communication <sup>5</sup> . . . . .	-	41.6	41.6	41.4	41.3	-	-	-	-	-
Radio and television broadcasting . . . . .	-	39.4	39.2	39.5	39.2	-	-	-	-	-
<b>ELECTRIC, GAS, AND SANITARY SERVICES . . . . .</b>										
Electric companies and systems . . . . .	-	41.5	41.4	41.1	41.5	-	-	-	-	-
Gas companies and systems . . . . .	-	41.1	41.0	41.1	41.5	-	-	-	-	-
Combined utility systems . . . . .	-	41.4	41.4	41.1	41.6	-	-	-	-	-
Water, steam, and sanitary systems . . . . .	-	42.2	41.9	41.1	41.7	-	-	-	-	-
-	-	41.5	41.6	41.2	40.8	-	-	-	-	-

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<b>WHOLESALE AND RETAIL TRADE<sup>6</sup></b> . . . . .	-	\$77.80	\$77.75	\$76.03	\$75.47	-	\$2.00	\$2.03	\$1.98	\$1.94
<b>WHOLESALE TRADE</b> . . . . .	-	101.43	100.85	97.36	98.74	-	2.48	2.49	2.41	2.42
Motor vehicles and automotive equipment . . . . .	-	96.79	96.14	92.96	93.83	-	2.31	2.30	2.24	2.25
Drugs, chemicals, and allied products . . . . .	-	103.17	102.51	98.65	99.29	-	2.56	2.55	2.46	2.47
Dry goods and apparel . . . . .	-	92.96	92.63	91.10	92.83	-	2.44	2.47	2.41	2.43
Groceries and related products . . . . .	-	94.69	95.04	90.64	92.00	-	2.26	2.29	2.20	2.18
Electrical goods . . . . .	-	109.47	106.52	102.56	103.48	-	2.67	2.63	2.52	2.53
Hardware, plumbing, and heating goods . . . . .	-	96.76	97.03	94.66	95.30	-	2.36	2.39	2.32	2.33
Machinery, equipment, and supplies . . . . .	-	110.15	109.75	106.34	108.65	-	2.68	2.69	2.60	2.65
<b>RETAIL TRADE<sup>6</sup></b> . . . . .	-	68.40	68.26	66.93	66.29	-	1.80	1.83	1.78	1.74
General merchandise stores . . . . .	-	56.32	53.88	53.01	53.70	-	1.56	1.58	1.55	1.50
Department stores . . . . .	-	59.66	57.94	57.12	57.70	-	1.69	1.74	1.70	1.63
Limited price variety stores . . . . .	-	40.78	40.00	38.96	39.67	-	1.21	1.25	1.21	1.16
Food stores . . . . .	-	66.43	66.59	64.91	65.31	-	1.92	1.93	1.86	1.85
Grocery, meat, and vegetable stores . . . . .	-	67.82	68.16	66.69	66.36	-	1.96	1.97	1.90	1.88
Apparel and accessories stores . . . . .	-	56.64	54.42	55.20	55.89	-	1.60	1.61	1.60	1.57
Men's and boys' apparel stores . . . . .	-	68.15	66.79	66.77	67.23	-	1.77	1.82	1.79	1.76
Women's ready-to-wear stores . . . . .	-	50.90	48.29	48.67	49.84	-	1.45	1.45	1.44	1.42
Family clothing stores . . . . .	-	54.91	54.01	53.82	54.87	-	1.56	1.57	1.56	1.52
Shoe stores . . . . .	-	56.74	54.21	56.28	57.61	-	1.73	1.71	1.68	1.73
Furniture and appliance stores . . . . .	-	87.15	84.66	82.21	83.63	-	2.10	2.08	2.02	2.02
Other retail trade . . . . .	-	78.85	79.10	76.63	77.19	-	1.90	1.92	1.86	1.86
Motor vehicle dealers . . . . .	-	96.58	98.76	92.87	94.61	-	2.21	2.26	2.13	2.16
Other vehicle and accessory dealers . . . . .	-	83.73	82.16	82.21	81.84	-	1.89	1.88	1.86	1.86
Drug stores . . . . .	-	60.02	59.53	58.24	58.30	-	1.64	1.64	1.60	1.58
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>										
Banking . . . . .	-	75.92	75.35	74.23	73.30	-	2.03	2.02	1.99	1.96
Security dealers and exchanges . . . . .	-	127.34	128.13	117.26	116.09	-	-	-	-	-
Insurance carriers . . . . .	-	97.67	96.86	95.38	94.57	-	-	-	-	-
Life insurance . . . . .	-	103.38	102.14	100.98	100.14	-	-	-	-	-
Accident and health insurance . . . . .	-	83.37	82.69	81.82	80.22	-	-	-	-	-
Fire, marine, and casualty insurance . . . . .	-	92.89	92.66	90.51	89.63	-	-	-	-	-
<b>SERVICES AND MISCELLANEOUS:</b>										
Hotels and lodging places:										
Hotels, tourist courts, and motels <sup>7</sup> . . . . .	-	47.60	47.72	46.85	47.23	-	1.23	1.23	1.22	1.23
Personal services:										
Laundries, cleaning and dyeing plants . . . . .	-	51.99	51.99	50.69	50.57	-	1.34	1.34	1.32	1.31
Motion pictures:										
Motion picture filming and distributing . . . . .	-	134.54	133.25	125.74	130.20	-	-	-	-	-

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

ESTABLISHMENT DATA  
HOURS AND EARNINGSTable C-2: Gross hours and earnings of production workers<sup>1</sup> by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<b>WHOLESALE AND RETAIL TRADE<sup>6</sup></b> . . . . .	-	38.9	38.3	38.4	38.9	-	-	-	-	-
<b>WHOLESALE TRADE</b> . . . . .	-	40.9	40.5	40.4	40.8	-	-	-	-	-
Motor vehicles and automotive equipment . . . . .	-	41.9	41.8	41.5	41.7	-	-	-	-	-
Drugs, chemicals, and allied products . . . . .	-	40.3	40.2	40.1	40.2	-	-	-	-	-
Dry goods and apparel . . . . .	-	38.1	37.5	37.8	38.2	-	-	-	-	-
Groceries and related products . . . . .	-	41.9	41.5	41.2	42.2	-	-	-	-	-
Electrical goods . . . . .	-	41.0	40.5	40.7	40.9	-	-	-	-	-
Hardware, plumbing, and heating goods . . . . .	-	41.0	40.6	40.8	40.9	-	-	-	-	-
Machinery, equipment, and supplies . . . . .	-	41.1	40.8	40.9	41.0	-	-	-	-	-
<b>RETAIL TRADE<sup>6</sup></b> . . . . .	-	38.0	37.3	37.6	38.1	-	-	-	-	-
General merchandise stores . . . . .	-	36.1	34.1	34.2	35.8	-	-	-	-	-
Department stores . . . . .	-	35.3	33.3	33.6	35.4	-	-	-	-	-
Limited price variety stores . . . . .	-	33.7	32.0	32.2	34.2	-	-	-	-	-
Food stores . . . . .	-	34.6	34.5	34.9	35.3	-	-	-	-	-
Grocery, meat, and vegetable stores . . . . .	-	34.6	34.6	35.1	35.3	-	-	-	-	-
Apparel and accessories stores . . . . .	-	35.4	33.8	34.5	35.6	-	-	-	-	-
Men's and boys' apparel stores . . . . .	-	38.5	36.7	37.3	38.2	-	-	-	-	-
Women's ready-to-wear stores . . . . .	-	35.1	33.3	33.8	35.1	-	-	-	-	-
Family clothing stores . . . . .	-	35.2	34.4	34.5	36.1	-	-	-	-	-
Shoe stores . . . . .	-	32.8	31.7	33.5	33.3	-	-	-	-	-
Furniture and appliance stores . . . . .	-	41.5	40.7	40.7	41.4	-	-	-	-	-
Other retail trade . . . . .	-	41.5	41.2	41.2	41.5	-	-	-	-	-
Motor vehicle dealers . . . . .	-	43.7	43.7	43.6	43.8	-	-	-	-	-
Other vehicle and accessory dealers . . . . .	-	44.3	43.7	44.2	44.0	-	-	-	-	-
Drug stores . . . . .	-	36.6	36.3	36.4	36.9	-	-	-	-	-
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>										
Banking . . . . .	-	37.4	37.3	37.3	37.4	-	-	-	-	-
Security dealers and exchanges . . . . .	-	-	-	-	-	-	-	-	-	-
Insurance carriers . . . . .	-	-	-	-	-	-	-	-	-	-
Life insurance . . . . .	-	-	-	-	-	-	-	-	-	-
Accident and health insurance . . . . .	-	-	-	-	-	-	-	-	-	-
Fire, marine, and casualty insurance . . . . .	-	-	-	-	-	-	-	-	-	-
<b>SERVICES AND MISCELLANEOUS:</b>										
Hotels and lodging places:										
Hotels, tourist courts, and motels <sup>7</sup> . . . . .	-	38.7	38.8	38.4	38.4	-	-	-	-	-
Personal services:										
Laundries, cleaning and dyeing plants . . . . .	-	38.8	38.8	38.4	38.6	-	-	-	-	-
Motion pictures:										
Motion picture filming and distributing . . . . .	-	-	-	-	-	-	-	-	-	-

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

<sup>2</sup>Not available.

<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 1960, such employees made up 35 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 1960, such employees made up 30 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>Data exclude eating and drinking places.

<sup>7</sup>Money payments only; additional value of board, room, uniforms, and tips, not included.

\*Class I Railroads - July 1963: \$120.18, \$2.75, and 43.7.

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
<b>MANUFACTURING</b> .....	\$2.43	\$2.41	\$2.40	\$2.35	\$2.34
<b>DURABLE GOODS</b> .....	2.60	2.58	2.57	2.52	2.51
Ordnance and accessories.....	-	2.88	2.88	2.80	2.78
Lumber and wood products, except furniture.....	-	2.01	2.00	1.90	1.92
Furniture and fixtures.....	-	1.94	1.94	1.91	1.90
Stone, clay, and glass products.....	-	2.40	2.39	2.36	2.35
Primary metal industries.....	-	2.96	2.95	2.91	2.90
Fabricated metal products.....	-	2.55	2.54	2.49	2.49
Machinery.....	-	2.72	2.71	2.65	2.65
Electrical equipment and supplies.....	-	2.44	2.42	2.38	2.38
Transportation equipment.....	-	2.94	2.95	2.86	2.85
Instruments and related products.....	-	2.43	2.43	2.39	2.39
Miscellaneous manufacturing industries.....	-	2.01	1.98	1.98	1.96
<b>NONDURABLE GOODS</b> .....	2.21	2.19	2.17	2.13	2.12
Food and kindred products.....	-	2.26	2.24	2.21	2.19
Tobacco manufactures.....	-	1.88	1.85	1.88	1.85
Textile mill products.....	-	1.69	1.68	1.64	1.63
Apparel and related products.....	-	1.74	1.73	1.67	1.66
Paper and allied products.....	-	2.39	2.38	2.33	2.32
Printing, publishing, and allied industries.....	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products.....	-	2.69	2.67	2.62	2.61
Petroleum refining and related industries.....	-	3.13	3.11	3.07	2.99
Rubber and miscellaneous plastic products.....	-	2.43	2.41	2.38	2.38
Leather and leather products.....	-	1.75	1.76	1.71	1.70

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

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

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

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

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
<b>MINING:</b>									
Current dollars.....	\$116.06	\$113.99	\$111.66	\$92.40	\$90.82	\$89.49	\$101.05	\$99.35	\$97.91
1957-59 dollars.....	107.86	106.14	105.54	85.87	84.56	84.58	93.91	92.50	92.54
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars.....	125.32	125.58	118.67	99.50	99.69	94.86	108.64	108.86	103.66
1957-59 dollars.....	116.47	116.93	112.16	92.47	92.82	89.66	100.97	101.36	97.98
<b>MANUFACTURING:</b>									
Current dollars.....	102.66	100.85	98.01	82.14	80.75	79.02	90.06	88.58	86.72
1957-59 dollars.....	95.41	93.90	92.64	76.34	75.19	74.69	83.70	82.48	81.97
<b>WHOLESALE AND RETAIL TRADE:<sup>2</sup></b>									
Current dollars.....	77.80	77.75	75.47	62.89	62.85	61.48	70.21	70.17	68.76
1957-59 dollars.....	72.30	72.39	71.33	58.45	58.52	58.11	65.25	65.34	64.99

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

<sup>2</sup>Data exclude eating and drinking places.

NOTE: Data for the current month are preliminary.

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

1957-59=100

Industry	Jan. 1964	Dec. 1963	Nov. 1963	Jan. 1963	Dec. 1962
	Man-hours				
<b>TOTAL</b> .....	96.2	101.3	103.0	95.1	98.0
<b>MINING</b> .....	77.5	81.3	81.7	78.8	80.8
<b>CONTRACT CONSTRUCTION</b> .....	80.5	95.5	107.8	82.6	88.3
<b>MANUFACTURING</b> .....	100.0	103.4	103.2	98.2	100.6
<b>DURABLE GOODS</b> .....	102.4	105.1	104.5	99.2	100.9
Ordnance and accessories .....	147.7	149.8	148.5	153.4	156.1
Lumber and wood products, except furniture ..	87.7	93.1	94.6	87.8	89.5
Furniture and fixtures .....	104.3	111.6	110.2	102.9	106.9
Stone, clay, and glass products .....	94.9	100.9	106.4	92.1	95.8
Primary metal industries .....	98.6	98.3	95.6	92.1	92.1
Fabricated metal products .....	104.7	107.0	106.7	99.4	101.3
Machinery .....	108.0	108.2	104.4	102.4	102.4
Electrical equipment and supplies .....	113.3	116.4	115.6	115.9	118.7
Transportation equipment .....	98.2	100.8	99.2	93.7	94.5
Instruments and related products .....	105.3	107.8	108.0	103.3	105.2
Miscellaneous manufacturing industries .....	96.4	101.9	109.4	92.4	99.2
<b>NONDURABLE GOODS</b> .....	96.9	101.1	101.6	97.0	100.3
Food and kindred products .....	86.9	91.7	94.8	87.6	93.0
Tobacco manufactures .....	92.1	100.1	103.4	90.5	100.9
Textile mill products .....	92.4	96.8	97.9	92.8	95.8
Apparel and related products .....	101.4	108.3	109.0	103.2	106.0
Paper and allied products .....	104.8	107.6	107.4	104.1	106.5
Printing, publishing, and allied industries .....	104.1	107.9	105.1	100.8	104.1
Chemicals and allied products .....	104.1	104.6	104.3	102.2	103.1
Petroleum refining and related industries .....	77.0	78.8	80.8	80.4	81.2
Rubber and miscellaneous plastic products .....	112.1	116.1	114.9	114.3	116.0
Leather and leather products .....	96.0	98.2	94.1	95.7	97.6
	Payrolls				
<b>MINING</b> .....	-	91.1	90.5	86.5	88.5
<b>CONTRACT CONSTRUCTION</b> .....		119.9	131.5	99.9	106.8
<b>MANUFACTURING</b> .....	119.1	122.5	121.5	112.8	115.4

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

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

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED HOURS**

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

Industry	Jan. 1964	Dec. 1963	Nov. 1963	Oct. 1963	Sept. 1963	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963
<b>MINING</b> .....	41.1	41.5	41.4	41.8	41.8	41.5	40.9	42.2	41.9	41.6	41.0	41.5	41.3
<b>CONTRACT CONSTRUCTION</b> .....	35.6	36.7	36.9	37.6	37.3	37.2	37.3	37.6	37.5	37.5	37.3	36.1	37.0
<b>MANUFACTURING</b> .....	40.4	40.6	40.5	40.6	40.7	40.3	40.4	40.5	40.5	40.1	40.5	40.3	40.4
<b>DURABLE</b> .....	41.1	41.5	41.1	41.2	41.3	41.0	41.2	41.3	41.1	40.7	41.0	41.0	40.9
Ordnance and accessories .....	40.7	40.9	40.6	41.2	41.4	41.3	41.0	41.4	40.9	40.4	40.7	41.4	41.2
Lumber and wood products, except furniture ...	39.7	40.7	40.1	40.3	40.2	40.0	40.4	40.1	39.5	39.9	39.9	40.1	39.9
Furniture and fixtures .....	40.6	41.1	41.0	40.7	40.7	40.9	41.2	40.9	40.9	40.5	40.7	40.9	40.8
Stone, clay, and glass products .....	40.4	40.9	41.3	41.6	41.3	41.2	41.4	41.5	41.6	41.3	41.4	40.9	40.8
Primary metal industries .....	41.1	41.0	40.9	40.6	40.7	40.9	41.1	41.7	41.6	41.3	40.5	40.6	40.3
Fabricated metal products .....	41.5	41.7	41.5	41.6	41.4	41.1	41.2	41.2	41.4	40.9	41.2	41.3	41.3
Machinery .....	42.4	42.5	42.1	41.9	42.1	41.7	41.7	41.7	41.5	41.2	41.6	41.7	41.7
Electrical equipment and supplies .....	40.1	40.4	40.2	40.3	40.3	40.3	40.6	40.4	40.4	40.1	40.3	40.4	40.3
Transportation equipment .....	42.8	42.6	42.3	42.3	42.0	41.5	42.1	42.2	41.9	41.4	41.8	41.9	42.5
Instruments and related products .....	40.7	40.7	40.7	41.0	41.1	40.7	40.8	40.7	40.8	40.5	41.0	41.1	40.6
Miscellaneous manufacturing industries .....	39.7	39.6	39.4	39.7	39.8	39.8	39.7	39.5	39.6	39.2	39.6	39.8	39.6
<b>NONDURABLE GOODS</b> .....	39.3	39.6	39.5	39.8	39.7	39.6	39.5	39.6	39.7	39.3	39.8	39.7	39.6
Food and kindred products .....	40.8	41.0	40.9	41.0	40.9	41.0	40.8	41.0	40.8	40.7	41.1	40.9	40.8
Tobacco manufactures .....	38.8	38.3	39.2	38.1	37.2	39.9	39.4	39.7	39.0	35.6	39.2	37.6	39.2
Textile mill products .....	40.2	41.0	40.8	41.0	40.7	40.5	40.4	40.5	40.6	40.2	40.7	40.3	40.2
Apparel and related products .....	34.9	36.0	35.7	36.4	36.6	35.9	36.0	36.0	36.4	35.9	36.5	36.3	36.3
Paper and allied products .....	42.6	42.9	42.8	43.0	42.8	42.7	42.7	42.7	42.6	42.2	42.8	42.7	42.7
Printing, publishing, and allied industries .....	38.3	38.5	38.1	38.4	38.4	38.4	38.3	38.3	38.4	38.3	38.4	38.4	38.2
Chemicals and allied products .....	41.7	41.6	41.4	41.5	41.5	41.5	41.6	41.4	41.6	41.8	41.6	41.4	41.4
Petroleum refining and related industries .....	41.2	41.8	41.5	41.6	41.5	41.6	41.7	41.9	41.9	42.3	41.3	41.3	41.7
Rubber and miscellaneous plastic products .....	40.9	41.5	40.9	41.0	41.2	40.8	40.2	40.1	40.4	40.7	41.1	41.1	41.0
Leather and leather products .....	37.5	38.1	37.4	38.9	38.3	37.8	37.0	37.3	37.3	36.8	36.9	37.1	36.8
<b>WHOLESALE AND RETAIL TRADE<sup>2</sup></b> .....	-	38.7	38.6	38.5	38.6	38.7	38.7	38.7	38.7	38.7	38.6	38.7	38.6
<b>WHOLESALE TRADE</b> .....	-	40.7	40.5	40.6	40.5	40.6	40.5	40.6	40.6	40.5	40.6	40.6	40.5
<b>RETAIL TRADE<sup>2</sup></b> .....	-	37.8	37.7	37.8	37.7	37.8	37.9	37.9	37.8	37.9	37.8	37.8	37.8

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

<sup>2</sup>Data exclude eating and drinking places.

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



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

1957-59=100

Industry	Jan. 1964	Dec. 1963	Nov. 1963	Oct. 1963	Sept. 1963	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963
<b>TOTAL</b> .....	100.8	102.4	101.2	102.3	101.9	101.2	101.8	101.9	101.8	100.8	100.1	99.3	99.8
<b>MINING</b> .....	80.3	81.6	81.0	81.6	82.1	81.7	82.3	83.9	83.5	83.1	80.6	81.7	81.5
<b>CONTRACT CONSTRUCTION</b> .....	99.2	106.0	104.5	106.7	106.2	105.9	105.7	105.9	104.7	104.0	100.7	98.1	101.8
<b>MANUFACTURING</b> .....	102.1	102.8	101.7	102.5	102.1	101.3	102.1	102.1	102.1	101.1	101.0	100.4	100.3
<b>DURABLE GOODS</b> .....	103.9	104.1	102.9	103.4	103.0	101.9	103.3	103.1	102.8	101.8	101.0	100.7	100.6
Ordnance and accessories .....	146.5	147.2	144.9	150.8	150.3	149.9	148.8	151.6	148.5	145.4	147.7	151.6	152.1
Lumber and wood products, except furniture ...	95.1	97.1	95.2	94.6	94.2	92.3	90.7	89.1	93.4	94.0	95.8	95.0	94.9
Furniture and fixtures .....	107.4	108.4	107.2	106.4	106.7	107.3	108.0	106.9	106.3	104.9	105.4	105.6	106.0
Stone, clay, and glass products .....	101.9	103.5	104.6	104.5	103.5	104.5	105.4	104.6	104.7	103.3	101.6	99.2	99.3
Primary metal industries .....	98.4	98.0	96.6	95.8	96.8	98.8	102.5	103.2	101.5	99.6	94.6	93.7	91.9
Fabricated metal products .....	106.1	106.0	104.7	105.5	105.0	103.7	104.0	103.6	103.5	102.1	101.3	101.1	100.6
Machinery .....	108.5	108.5	106.7	106.2	105.4	104.1	102.8	102.5	101.8	101.2	101.9	102.1	102.8
Electrical equipment and supplies .....	112.7	113.6	112.6	113.9	113.7	113.9	115.9	116.2	116.0	115.1	115.0	115.1	115.2
Transportation equipment .....	97.0	96.3	94.5	96.8	95.5	89.7	94.3	94.8	93.3	93.1	92.0	91.8	92.3
Instruments and related products .....	105.3	106.2	106.2	106.5	106.8	107.0	107.8	107.0	106.0	104.7	105.1	104.9	103.7
Miscellaneous manufacturing industries .....	104.7	103.2	103.0	102.8	104.0	104.3	102.8	100.7	101.9	100.2	101.2	101.1	100.6
<b>NONDURABLE GOODS</b> .....	99.7	101.0	100.1	101.4	100.8	100.5	100.6	100.7	101.3	100.1	101.0	100.0	100.0
Food and kindred products .....	93.8	93.7	93.0	94.1	92.6	93.3	92.7	93.4	93.6	92.8	95.4	94.2	94.3
Tobacco manufactures .....	92.3	93.4	98.0	89.5	82.8	96.1	90.1	90.8	91.6	84.7	92.0	88.3	92.0
Textile mill products .....	94.3	96.3	95.9	96.3	95.3	94.9	95.2	95.3	95.7	95.0	96.2	95.1	95.0
Apparel and related products .....	105.1	108.4	107.1	111.1	111.2	108.6	110.4	109.5	111.8	108.6	109.2	107.6	107.1
Paper and allied products .....	106.5	107.3	106.6	107.1	106.6	106.8	106.8	106.6	106.1	104.7	106.6	105.9	106.1
Printing, publishing, and allied industries .....	105.4	105.6	103.3	104.3	104.6	104.8	104.5	104.5	105.0	104.0	102.5	102.2	102.2
Chemicals and allied products .....	105.5	105.2	104.5	105.3	105.1	105.3	105.6	105.1	105.2	105.5	104.4	103.9	103.5
Petroleum refining and related industries .....	77.6	81.5	81.6	82.4	82.2	82.4	82.6	82.3	83.0	83.8	81.2	81.2	81.3
Rubber and miscellaneous plastic products .....	112.2	113.5	111.9	111.1	112.0	111.2	111.4	113.2	115.1	115.6	114.9	113.9	114.7
Leather and leather products .....	93.6	95.7	94.0	98.7	97.2	95.3	94.2	94.3	94.6	92.4	93.6	94.1	93.3

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

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

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

**Table C-8: Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
ALABAMA.....	\$89.42	\$87.74	\$83.63	41.4	41.0	40.4	\$2.16	\$2.14	\$2.07
Birmingham.....	113.44	108.27	104.01	41.4	40.1	39.1	2.74	2.70	2.66
Mobile.....	106.30	113.21	104.16	41.2	42.4	41.5	2.58	2.67	2.51
ARIZONA.....	114.40	111.24	107.98	41.3	40.6	40.9	2.77	2.74	2.64
Phoenix.....	113.16	110.42	106.66	41.0	40.3	40.4	2.76	2.74	2.64
Tucson.....	118.94	117.79	119.97	41.3	40.9	41.8	2.88	2.88	2.87
ARKANSAS.....	71.51	70.93	67.26	40.4	40.3	39.8	1.77	1.76	1.69
Fort Smith.....	69.99	71.46	70.05	39.1	39.7	39.8	1.79	1.80	1.76
Little Rock-North Little Rock.....	70.24	68.85	66.18	40.6	40.5	38.7	1.73	1.70	1.71
Pine Bluff.....	87.35	86.72	83.22	41.4	41.1	41.2	2.11	2.11	2.02
CALIFORNIA.....	119.07	116.69	115.30	40.5	40.1	40.6	2.94	2.91	2.84
Bakersfield.....	121.29	119.80	119.36	40.7	40.2	40.6	2.98	2.98	2.94
Fresno.....	94.50	95.37	91.76	37.5	38.3	37.0	2.52	2.49	2.48
Los Angeles-Long Beach.....	119.19	116.24	115.36	41.1	40.5	41.2	2.90	2.87	2.80
Sacramento.....	137.42	139.18	135.01	40.9	41.3	41.8	3.36	3.37	3.23
San Bernardino-Riverside-Ontario.....	119.14	116.76	116.60	40.8	40.4	41.2	2.92	2.89	2.83
San Diego.....	125.02	121.44	121.00	40.2	39.3	40.2	3.11	3.09	3.01
San Francisco-Oakland.....	123.24	124.03	121.18	39.0	39.5	39.6	3.16	3.14	3.06
San Jose.....	125.05	120.60	119.36	41.0	40.2	40.6	3.05	3.00	2.94
Stockton.....	113.43	114.29	113.00	39.8	40.1	40.5	2.85	2.85	2.79
COLORADO.....	110.29	111.51	103.83	40.4	41.3	40.4	2.73	2.70	2.57
Denver.....	112.16	113.42	105.85	40.2	40.8	40.4	2.79	2.78	2.62
CONNECTICUT.....	107.07	107.59	104.42	41.5	41.7	41.6	2.58	2.58	2.51
Bridgeport.....	111.19	109.93	106.59	41.8	41.8	41.8	2.65	2.63	2.55
Hartford.....	111.87	112.52	110.66	41.9	42.3	42.4	2.67	2.66	2.61
New Britain.....	105.63	104.96	101.52	41.1	41.0	41.1	2.57	2.56	2.47
New Haven.....	106.40	103.63	102.01	41.4	40.8	41.3	2.57	2.54	2.47
Stamford.....	118.37	116.45	113.52	43.2	42.5	42.2	2.74	2.74	2.69
Waterbury.....	104.90	103.57	103.09	41.3	41.1	41.4	2.54	2.52	2.49
DELAWARE.....	112.10	106.86	110.94	42.3	41.1	43.0	2.65	2.60	2.58
Wilmington.....	124.23	119.77	123.82	42.4	41.3	43.6	2.93	2.90	2.84
DISTRICT OF COLUMBIA:									
Washington.....	111.39	112.24	105.86	39.5	39.8	39.5	2.82	2.82	2.68
FLORIDA.....	87.15	86.32	83.63	41.7	41.5	41.4	2.09	2.08	2.02
Jacksonville.....	92.70	90.35	81.02	41.2	40.7	38.4	2.25	2.22	2.11
Miami.....	82.61	81.41	82.82	41.1	40.5	41.0	2.01	2.01	2.02
Tampa-St. Petersburg.....	91.81	91.80	85.06	42.9	42.7	41.9	2.14	2.15	2.03
GEORGIA.....	77.71	77.68	71.10	40.9	41.1	39.5	1.90	1.89	1.80
Atlanta.....	97.34	97.85	91.48	40.9	40.6	40.3	2.38	2.41	2.27
Savannah.....	94.19	98.18	94.39	40.6	41.6	41.4	2.32	2.36	2.28
IDAHO.....	94.49	97.28	90.74	39.7	40.2	39.8	2.38	2.42	2.28
ILLINOIS.....	110.80	109.56	107.28	40.8	40.7	40.7	2.72	2.69	2.63
Chicago.....	(1)	111.16	108.79	(1)	40.8	40.9	(1)	2.73	2.66
INDIANA.....	115.07	112.70	110.73	41.2	40.7	40.9	2.79	2.77	2.71
Indianapolis.....	(1)	114.86	114.03	(1)	41.4	42.0	(1)	2.77	2.71
IOWA.....	109.29	108.10	104.88	40.8	40.5	40.4	2.68	2.67	2.59
Des Moines.....	115.25	112.39	115.32	39.2	38.5	40.2	2.94	2.92	2.87
KANSAS.....	112.62	111.46	108.17	42.3	42.0	42.0	2.66	2.65	2.57
Topeka.....	113.07	111.31	112.64	41.5	40.8	42.0	2.73	2.73	2.68
Wichita.....	119.30	121.45	114.42	41.9	42.2	42.2	2.85	2.88	2.71

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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

**Table C-8: Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
<b>KENTUCKY</b> .....	\$97.58	\$96.87	\$92.06	41.0	40.7	40.2	\$2.38	\$2.38	\$2.29
Louisville.....	115.82	113.09	109.51	42.1	41.6	41.3	2.75	2.72	2.65
<b>LOUISIANA</b> .....	103.37	102.42	98.95	43.8	43.4	43.4	2.36	2.36	2.28
Baton Rouge.....	128.24	128.02	123.52	41.5	41.7	40.9	3.09	3.07	3.02
New Orleans.....	102.56	102.21	99.85	40.7	40.4	40.1	2.52	2.53	2.49
Shreveport.....	96.79	97.48	88.70	41.9	42.2	40.5	2.31	2.31	2.19
<b>MAINE</b> .....	81.39	80.60	79.30	40.9	40.1	41.3	1.99	2.01	1.92
Lewiston-Auburn.....	68.68	68.61	66.95	38.8	37.7	38.7	1.77	1.82	1.73
Portland.....	88.43	89.20	87.53	39.3	40.0	40.9	2.25	2.23	2.14
<b>MARYLAND</b> .....	103.22	102.06	98.01	40.8	40.5	40.5	2.53	2.52	2.42
Baltimore.....	107.57	105.85	103.89	40.9	40.4	40.9	2.63	2.62	2.54
<b>MASSACHUSETTS</b> .....	93.90	91.57	90.80	40.3	39.3	40.0	2.33	2.33	2.27
Boston.....	100.95	99.29	98.31	39.9	39.4	39.8	2.53	2.52	2.47
Fall River.....	64.97	60.45	66.42	35.5	32.5	36.1	1.83	1.86	1.84
New Bedford.....	73.34	69.92	71.98	38.0	36.8	38.7	1.93	1.90	1.86
Springfield-Chicopee-Holyoke.....	99.36	95.75	93.90	41.4	40.4	40.3	2.40	2.37	2.33
Worcester.....	99.79	98.40	95.28	40.4	40.0	39.7	2.47	2.46	2.40
<b>MICHIGAN</b> .....	138.31	135.19	129.17	44.4	43.4	43.2	3.12	3.12	2.99
Detroit.....	146.28	144.53	140.21	44.9	44.2	44.3	3.26	3.27	3.17
Flint.....	164.36	168.29	145.38	47.0	47.7	44.5	3.50	3.53	3.27
Grand Rapids.....	111.27	108.39	107.76	40.2	39.4	40.3	2.77	2.75	2.67
Lansing.....	140.55	141.69	136.58	43.8	43.8	43.4	3.21	3.24	3.15
Muskegon-Muskegon Heights.....	118.24	110.40	113.08	41.0	38.4	40.2	2.88	2.88	2.81
Saginaw.....	146.81	138.80	138.42	47.1	44.6	45.4	3.12	3.11	3.05
<b>MINNESOTA</b> .....	107.07	106.02	105.31	41.0	40.9	41.0	2.61	2.59	2.57
Duluth-Superior.....	100.88	101.33	101.95	38.3	38.8	38.2	2.63	2.61	2.67
Minneapolis-St. Paul.....	111.93	111.75	109.75	40.8	40.8	40.9	2.74	2.74	2.68
<b>MISSISSIPPI</b> .....	69.83	69.49	65.67	40.6	40.4	39.8	1.72	1.72	1.65
Jackson.....	76.32	75.36	74.52	42.4	42.1	41.4	1.80	1.79	1.80
<b>MISSOURI</b> .....	100.78	99.44	97.62	40.3	39.9	40.0	2.50	2.50	2.44
Kansas City.....	112.53	106.31	106.77	41.1	39.7	40.6	2.74	2.68	2.63
St. Louis.....	113.80	113.52	111.04	40.8	40.7	40.6	2.79	2.79	2.73
<b>MONTANA</b> .....	103.22	105.34	107.73	39.1	39.9	40.5	2.64	2.64	2.66
<b>NEBRASKA</b> .....	100.51	100.78	95.05	42.6	43.0	42.1	2.36	2.35	2.26
Omaha.....	112.83	111.78	105.16	43.5	43.3	42.3	2.59	2.58	2.49
<b>NEVADA</b> .....	125.64	120.87	127.82	40.4	39.5	41.1	3.11	3.06	3.11
<b>NEW HAMPSHIRE</b> .....	80.57	78.60	76.95	40.9	40.1	40.5	1.97	1.96	1.90
Manchester.....	73.88	73.51	70.62	39.3	39.1	38.8	1.88	1.88	1.82
<b>NEW JERSEY</b> .....	107.71	106.63	103.53	40.8	40.7	40.6	2.64	2.62	2.55
Jersey City <sup>2</sup> .....	106.60	105.26	102.21	41.0	40.8	40.4	2.60	2.58	2.53
Newark <sup>2</sup> .....	108.50	106.60	103.82	41.1	41.0	41.2	2.64	2.60	2.52
Paterson-Clifton-Passaic <sup>2</sup> .....	108.50	108.36	104.60	41.1	41.2	40.7	2.64	2.63	2.57
Perth Amboy <sup>2</sup> .....	109.73	108.94	107.04	39.9	40.2	40.7	2.75	2.71	2.63
Trenton.....	110.15	108.79	103.22	41.1	40.9	40.8	2.68	2.66	2.53
<b>NEW MEXICO</b> .....	95.76	91.08	94.08	41.1	40.3	42.0	2.33	2.26	2.24
Albuquerque.....	99.46	95.20	96.87	41.1	39.5	42.3	2.42	2.41	2.29

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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

**Table C-8: Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
NEW YORK.....	(1)	\$99.68	\$97.18	(1)	39.4	39.4	(1)	\$2.53	\$2.46
Albany-Schenectady-Troy.....	\$113.83	112.31	109.61	40.8	40.4	40.9	\$2.79	2.78	2.68
Binghamton.....	100.91	96.56	92.36	41.7	40.4	40.1	2.42	2.39	2.30
Buffalo.....	122.01	121.89	119.35	41.5	41.6	41.2	2.94	2.93	2.90
Elmira.....	102.21	98.78	98.17	40.4	39.2	40.3	2.53	2.52	2.44
Nassau and Suffolk Counties <sup>2</sup> .....	108.94	107.20	110.58	40.2	40.0	41.6	2.71	2.68	2.66
New York City <sup>2</sup> .....	(1)	92.12	89.85	(1)	37.6	37.8	(1)	2.45	2.38
New York-Northeastern New Jersey.....	(1)	98.67	97.07	(1)	39.0	39.3	(1)	2.53	2.47
Rochester.....	118.16	114.81	110.28	41.9	41.3	41.3	2.82	2.78	2.67
Syracuse.....	110.83	107.71	106.05	41.2	40.8	40.9	2.69	2.64	2.59
Utica-Rome.....	98.90	99.87	93.83	40.7	41.1	40.2	2.43	2.43	2.34
Westchester County <sup>2</sup> .....	104.23	101.63	101.41	40.4	39.7	40.1	2.58	2.56	2.53
NORTH CAROLINA.....	71.62	71.04	67.73	41.4	41.3	40.8	1.73	1.72	1.66
Charlotte.....	78.49	77.70	75.36	42.2	42.0	42.1	1.86	1.85	1.79
Greensboro-High Point.....	71.56	71.33	66.92	40.2	40.3	39.6	1.78	1.77	1.69
NORTH DAKOTA.....	107.87	113.69	85.26	42.0	43.1	40.5	2.57	2.64	2.11
Fargo-Moorhead.....	99.69	99.47	91.99	40.8	41.0	38.9	2.45	2.43	2.36
OHIO.....	119.21	117.23	112.83	41.4	41.0	40.4	2.88	2.86	2.79
Akron.....	130.63	128.39	124.61	40.8	40.2	40.3	3.20	3.19	3.09
Canton.....	117.70	115.32	115.78	40.4	39.8	40.3	2.91	2.90	2.87
Cincinnati.....	114.74	110.21	109.52	42.1	40.8	41.9	2.73	2.70	2.61
Cleveland.....	122.51	121.12	112.10	41.7	41.4	39.5	2.94	2.93	2.84
Columbus.....	112.93	112.86	104.28	41.1	41.1	39.3	2.75	2.75	2.65
Dayton.....	130.46	126.97	124.76	42.5	41.7	42.1	3.07	3.04	2.96
Toledo.....	120.72	117.30	117.38	40.9	40.0	40.4	2.95	2.93	2.91
Youngstown-Warren.....	125.77	126.25	122.82	39.8	40.3	39.7	3.16	3.13	3.09
OKLAHOMA.....	95.68	95.04	91.65	41.6	41.5	41.1	2.30	2.29	2.23
Oklahoma City.....	92.01	93.09	88.83	42.4	42.7	41.9	2.17	2.18	2.12
Tulsa.....	102.01	99.96	97.75	41.3	40.8	40.9	2.47	2.45	2.39
OREGON.....	110.88	105.16	105.87	39.6	38.1	39.8	2.80	2.76	2.66
Portland.....	112.11	108.30	107.56	39.2	38.0	39.4	2.86	2.85	2.73
PENNSYLVANIA.....	99.40	98.60	95.26	39.6	39.6	39.2	2.51	2.49	2.43
Allentown-Bethlehem-Easton.....	92.63	93.59	91.06	37.5	38.2	38.1	2.47	2.45	2.39
Altoona.....	81.55	81.03	80.75	36.9	37.0	39.2	2.21	2.19	2.06
Erie.....	110.20	108.05	100.74	41.9	41.4	39.2	2.63	2.61	2.57
Harrisburg.....	85.54	84.20	83.32	39.6	38.8	39.3	2.16	2.17	2.12
Johnstown.....	101.63	100.23	94.58	37.5	37.4	36.8	2.71	2.68	2.57
Lancaster.....	90.13	88.66	89.76	40.6	40.3	40.8	2.22	2.20	2.20
Philadelphia.....	104.54	104.14	103.12	39.9	39.9	40.6	2.62	2.61	2.54
Pittsburgh.....	120.20	117.99	116.82	39.8	39.2	39.2	3.02	3.01	2.98
Reading.....	93.71	93.56	84.16	41.1	41.4	39.7	2.28	2.26	2.12
Scranton.....	73.52	71.99	70.31	37.7	37.3	37.6	1.95	1.93	1.87
Wilkes-Barre-Hazleton.....	72.50	70.42	67.47	36.8	36.3	35.7	1.97	1.94	1.89
York.....	86.53	85.08	83.44	41.6	41.5	40.9	2.08	2.05	2.04
RHODE ISLAND.....	83.62	82.80	82.19	40.2	40.0	39.9	2.08	2.07	2.06
Providence-Pawtucket.....	84.05	82.18	81.81	40.8	39.7	40.5	2.06	2.07	2.02
SOUTH CAROLINA.....	74.16	72.86	69.63	41.9	41.4	41.2	1.77	1.76	1.69
Charleston.....	83.42	82.99	79.80	40.3	39.9	39.7	2.07	2.08	2.01
Greenville.....	71.82	70.06	66.26	42.0	41.7	40.9	1.71	1.68	1.62
SOUTH DAKOTA.....	106.60	107.78	101.88	46.5	46.1	46.1	2.29	2.34	2.21
Sioux Falls.....	126.66	126.02	118.30	50.3	49.7	49.3	2.52	2.54	2.40
TENNESSEE.....	82.98	81.79	78.99	41.7	41.1	40.3	1.99	1.99	1.96
Chattanooga.....	89.60	87.91	86.51	41.1	40.7	41.0	2.18	2.16	2.11
Knoxville.....	92.97	89.40	88.53	39.9	38.7	39.0	2.33	2.31	2.27
Memphis.....	92.06	92.10	89.02	41.1	41.3	40.1	2.24	2.23	2.22
Nashville.....	92.20	91.05	88.58	42.1	41.2	41.2	2.19	2.21	2.15

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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

**Table C-8: Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962	Dec. 1963	Nov. 1963	Dec. 1962
TEXAS.....	\$99.36	\$98.53	\$96.70	41.4	41.4	41.5	\$2.40	\$2.38	\$2.33
Dallas.....	90.09	89.25	89.04	42.1	42.1	42.2	2.14	2.12	2.11
Fort Worth.....	105.50	105.34	103.15	41.7	41.8	42.8	2.53	2.52	2.41
Houston.....	115.09	114.13	114.33	41.7	41.5	42.5	2.76	2.75	2.69
San Antonio.....	73.67	73.75	73.51	40.7	41.2	41.3	1.81	1.79	1.78
UTAH.....	112.75	109.34	108.14	41.0	40.2	40.5	2.75	2.72	2.67
Salt Lake City.....	108.21	106.49	106.45	41.3	40.8	41.1	2.62	2.61	2.59
VERMONT.....	85.49	82.82	83.56	41.7	40.6	42.2	2.05	2.04	1.98
Burlington.....	90.05	86.51	94.08	40.2	39.5	44.8	2.24	2.19	2.10
Springfield.....	95.76	95.30	100.15	41.1	40.9	42.8	2.33	2.33	2.34
VIRGINIA.....	82.00	81.97	79.15	41.0	41.4	40.8	2.00	1.98	1.94
Norfolk-Portsmouth.....	93.74	88.40	87.56	43.6	41.5	41.5	2.15	2.13	2.11
Richmond.....	92.10	91.17	88.17	41.3	40.7	41.2	2.23	2.24	2.14
Roanoke.....	81.22	82.65	77.28	43.2	43.5	42.0	1.88	1.90	1.84
WASHINGTON.....	117.51	114.56	111.50	39.7	39.1	39.4	2.96	2.93	2.83
Seattle.....	115.64	117.32	112.92	39.2	39.5	39.9	2.95	2.97	2.83
Spokane.....	121.30	119.80	120.88	39.9	39.8	40.7	3.04	3.01	2.97
Tacoma.....	113.10	109.91	108.29	38.6	37.9	38.4	2.93	2.90	2.82
WEST VIRGINIA.....	106.92	102.64	102.43	40.5	39.6	39.7	2.64	2.59	2.58
Charleston.....	130.93	126.07	125.25	42.1	41.2	41.2	3.11	3.06	3.04
Huntington-Ashland.....	106.03	109.59	104.34	39.6	39.0	38.5	2.93	2.81	2.71
Wheeling.....	110.57	106.67	103.35	40.8	40.1	39.0	2.71	2.66	2.65
WISCONSIN.....	110.05	111.91	107.97	41.5	42.0	41.7	2.65	2.66	2.59
Green Bay.....	110.20	107.33	102.52	44.1	42.7	42.5	2.50	2.51	2.41
Kenosha.....	122.47	151.31	149.20	40.3	46.4	46.7	3.04	3.26	3.19
La Crosse.....	102.02	103.67	102.56	39.7	40.0	40.0	2.57	2.59	2.57
Madison.....	116.79	120.35	114.71	41.0	42.3	41.5	2.85	2.85	2.76
Milwaukee.....	119.84	121.20	117.63	41.0	41.3	41.3	2.93	2.93	2.85
Racine.....	116.27	111.91	108.51	41.5	40.6	40.6	2.80	2.76	2.68
WYOMING.....	96.57	100.96	93.91	37.0	38.1	36.4	2.61	2.65	2.58
Casper.....	116.97	122.76	119.20	38.1	39.6	39.6	3.07	3.10	3.01

<sup>1</sup>Not available.

<sup>2</sup>Subarea of New York-Northeastern New Jersey.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA  
LABOR TURNOVER**
**Table D-1: Labor turnover rates in manufacturing**
**1954 to date**

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
<b>Total accessions</b>													
1954.....	3.2	2.9	3.3	2.9	3.2	4.3	3.8	4.3	4.3	4.4	4.0	2.9	3.6
1955.....	3.8	3.7	4.2	4.2	4.5	5.3	4.5	5.8	5.5	5.0	4.0	2.9	4.5
1956.....	3.8	3.6	3.6	4.0	4.1	5.1	4.3	4.9	5.2	5.1	3.6	2.7	4.2
1957.....	3.7	3.3	3.3	3.4	3.6	4.8	4.2	4.1	4.1	3.5	2.6	2.0	3.6
1958.....	2.9	2.6	2.8	3.1	3.6	4.7	4.2	4.9	5.0	4.0	3.2	2.7	3.6
1959 <sup>1</sup> .....	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.9	3.4	3.6	4.2
1960.....	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
1961.....	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6	4.1
1962.....	4.1	3.6	3.8	4.0	4.3	5.0	4.5	5.1	4.9	3.9	3.0	2.4	4.1
1963.....	3.6	3.3	3.5	3.9	4.0	4.8	4.3	4.8	4.8	3.9	2.9	2.4	3.9
<b>New hires</b>													
1954.....	1.6	1.5	1.7	1.5	1.7	2.3	2.1	2.3	2.4	2.2	2.1	1.5	1.9
1955.....	2.0	2.1	2.6	2.6	3.0	3.8	3.3	4.1	3.9	3.5	2.9	2.0	3.0
1956.....	2.5	2.4	2.2	2.5	2.8	3.6	2.9	3.4	3.4	3.2	2.3	1.8	2.8
1957.....	2.3	2.0	2.0	2.1	2.3	3.2	2.8	2.7	2.5	2.1	1.3	.8	2.2
1958.....	1.2	1.1	1.1	1.3	1.5	2.2	2.1	2.4	2.6	2.2	1.7	1.3	1.7
1959.....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
1960.....	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961.....	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962.....	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963.....	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.1	2.6	1.8	1.3	2.4
<b>Total separations</b>													
1954.....	4.9	4.0	4.1	4.4	3.8	3.8	3.7	4.1	4.9	4.2	3.7	3.6	4.1
1955.....	3.3	2.8	3.3	3.6	3.7	4.0	4.1	4.7	5.5	4.4	3.8	3.6	3.9
1956.....	4.1	4.1	3.9	3.9	4.3	4.2	3.8	4.6	5.5	4.4	4.0	3.4	4.2
1957.....	3.8	3.4	3.7	3.8	3.9	3.7	3.7	4.7	5.5	5.0	4.9	4.6	4.2
1958.....	5.4	4.1	4.5	4.4	3.9	3.5	3.7	4.1	4.5	4.1	3.6	3.5	4.1
1959 <sup>1</sup> .....	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9	4.1
1960.....	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
1961.....	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0	4.0
1962.....	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8	4.1
1963.....	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.7	4.9	4.1	3.8	3.5	3.9
<b>Quits</b>													
1954.....	1.3	1.2	1.2	1.4	1.2	1.3	1.4	1.7	2.2	1.5	1.3	1.0	1.4
1955.....	1.2	1.2	1.5	1.8	1.7	1.8	2.0	2.7	3.5	2.2	1.8	1.3	1.9
1956.....	1.6	1.6	1.7	1.8	1.8	2.0	1.9	2.7	3.2	2.1	1.6	1.2	1.9
1957.....	1.5	1.4	1.5	1.6	1.6	1.6	1.7	2.3	2.7	1.6	1.1	.8	1.6
1958.....	.9	.8	.8	.8	.9	1.0	1.1	1.5	1.9	1.3	1.0	.8	1.1
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
1960.....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961.....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962.....	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963.....	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.4
<b>Layoffs</b>													
1954.....	3.2	2.4	2.5	2.7	2.2	2.1	1.9	2.0	2.1	2.1	2.0	2.2	2.3
1955.....	1.7	1.2	1.4	1.4	1.3	1.5	1.6	1.5	1.4	1.6	1.5	1.8	1.5
1956.....	1.9	2.0	1.7	1.6	1.9	1.6	1.5	1.4	1.8	1.7	1.9	1.8	1.7
1957.....	1.7	1.5	1.5	1.7	1.8	1.4	1.6	1.9	2.3	3.0	3.4	3.4	2.1
1958.....	4.0	2.9	3.3	3.2	2.6	2.0	2.3	2.1	2.1	2.3	2.2	2.4	2.6
1959.....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
1960.....	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961.....	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962.....	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963.....	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.1	1.8

<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 1963 annual averages are preliminary.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963
<b>MANUFACTURING</b>	2.4	2.9	1.3	1.8	3.5	3.8	0.8	1.1	2.1	2.1
<b>DURABLE GOODS</b>	2.4	2.7	1.3	1.7	3.3	3.5	.7	1.0	2.0	1.8
<b>NONDURABLE GOODS</b>	2.4	3.1	1.4	1.9	3.8	4.3	1.0	1.3	2.4	2.4
<i>Durable Goods</i>										
<b>ORDNANCE AND ACCESSORIES</b>	1.6	2.0	1.0	1.3	2.1	2.4	0.5	0.7	1.0	1.1
Ammunition, except for small arms	1.8	2.2	1.2	1.4	1.8	2.2	.5	.7	.9	1.0
Sighting and fire control equipment	(1)	1.4	(1)	.6	(1)	4.0	(1)	.8	(1)	1.9
Other ordnance and accessories	.9	1.5	.8	1.1	1.6	2.5	.4	.8	.9	1.4
<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b>	2.8	3.5	2.1	2.9	4.1	5.8	1.3	2.1	2.2	2.9
Sawmills and planing mills	2.1	2.7	1.6	2.3	3.8	4.3	1.2	1.8	1.9	1.9
Sawmills and planing mills, general	1.9	2.7	1.5	2.2	3.8	4.4	1.2	1.8	2.0	2.0
Millwork, plywood, and related products	2.1	2.7	1.7	2.3	3.5	4.4	1.2	1.7	1.9	2.0
Millwork	1.3	2.7	1.1	2.3	3.1	4.2	1.2	1.8	1.6	1.7
Veneer and plywood	2.7	2.6	2.1	2.4	2.4	3.6	1.2	1.5	.7	1.3
Wooden containers	3.4	4.9	1.4	3.2	3.9	6.8	.9	1.5	2.4	4.6
Wooden boxes, shooks, and crates	3.6	5.2	1.4	3.7	3.4	7.9	1.0	1.6	1.9	5.6
Miscellaneous wood products	2.1	3.9	1.4	2.8	4.6	4.8	1.1	1.7	3.0	2.3
<b>FURNITURE AND FIXTURES</b>	2.6	3.3	1.9	2.7	3.4	4.0	1.3	1.7	1.6	1.6
Household furniture	2.7	3.4	2.1	2.9	3.1	3.7	1.4	1.8	1.2	1.2
Wood house furniture, upholstered	2.5	3.5	2.1	3.2	3.0	3.4	1.5	1.9	1.0	.8
Wood house furniture, upholstered	1.8	3.5	1.6	3.0	3.1	3.0	1.3	1.7	1.3	.6
Mattresses and bedsprings	2.0	1.9	1.5	1.3	2.6	3.7	1.1	1.4	.8	1.8
Office furniture	2.0	1.8	1.0	1.4	2.4	4.4	.8	.9	1.3	2.9
<b>STONE, CLAY, AND GLASS PRODUCTS</b>	2.0	2.5	1.0	1.5	4.8	4.0	.6	1.0	3.7	2.4
Flat glass	2.4	2.6	1.0	.9	4.0	2.4	.3	.2	3.4	1.9
Glass and glassware, pressed or blown	2.8	2.4	.6	.8	5.1	4.4	.5	.8	3.9	2.9
Glass containers	3.4	2.3	.6	.7	6.3	5.8	.6	.9	4.9	4.2
Pressed and blown glassware, n.e.c.	2.0	2.6	.7	1.0	3.6	2.4	.4	.6	2.5	1.1
Cement, hydraulic	1.8	1.2	.2	.5	7.0	4.9	.2	.3	6.6	3.8
Structural clay products	1.4	2.0	1.0	1.4	6.5	3.4	.7	1.1	5.2	1.8
Brick and structural clay tile	1.1	1.7	1.0	1.5	6.8	3.3	.9	1.3	5.3	1.4
Pottery and related products	1.9	3.1	1.5	2.0	2.7	2.7	.7	.9	1.6	1.2
Abrasive products	1.5	1.2	.4	.8	.8	1.2	.3	.3	.3	.3
<b>PRIMARY METAL INDUSTRIES</b>	2.6	2.5	.8	.8	2.2	2.7	.3	.5	1.3	1.6
Blast furnace and basic steel products	3.0	2.6	.3	.2	2.4	2.8	.1	.2	1.7	2.0
Blast furnaces, steel and rolling mills	3.1	2.7	.2	.2	2.4	2.8	.1	.2	1.7	2.0
Iron and steel foundries	2.6	2.9	1.8	1.7	2.3	3.3	.7	.8	.9	1.5
Gray iron foundries	2.4	2.8	1.5	1.6	2.3	3.0	.8	.9	.8	1.0
Malleable iron foundries	2.7	3.0	2.0	1.9	2.0	6.3	.7	1.1	.4	3.7
Steel foundries	3.0	3.1	2.5	1.9	2.5	2.7	.6	.7	1.2	1.5
Nonferrous smelting and refining	1.3	1.7	.6	1.0	1.8	1.9	.3	.4	1.1	1.0
Nonferrous rolling, drawing, and extruding	1.4	1.5	.7	.8	1.8	1.9	.4	.5	1.1	1.0
Copper rolling, drawing, and extruding	.7	1.0	.6	.5	1.2	1.2	.3	.4	.6	.5
Aluminum rolling, drawing, and extruding	1.8	1.8	.6	.8	1.1	2.0	.2	.4	.5	1.2
Nonferrous wire drawing, and insulating	1.7	1.7	1.0	1.1	3.2	2.5	.6	.8	2.3	1.3
Nonferrous foundries	3.1	3.2	1.6	2.1	2.2	3.2	.7	1.0	.9	1.6
Aluminum castings	3.1	3.5	1.9	2.2	2.4	3.7	.8	1.1	.8	1.9
Other nonferrous castings	3.1	2.8	1.4	2.1	2.0	2.7	.6	1.0	1.0	1.3
Miscellaneous primary metal industries	2.2	2.3	.9	1.1	1.8	2.3	.4	.6	1.0	1.3
Iron and steel forgings	1.6	2.0	.9	1.0	1.8	1.7	.4	.5	.9	.8

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

ESTABLISHMENT DATA  
LABOR TURNOVER

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963
<i>Durable Goods--Continued</i>										
<b>FABRICATED METAL PRODUCTS</b>	2.6	3.0	1.5	2.0	3.5	4.0	0.8	1.0	2.1	2.3
Metal cans	5.3	4.6	.8	.7	5.9	6.2	.4	.5	4.8	5.0
Cutlery, hand tools, and general hardware	2.1	3.1	1.6	2.3	2.1	2.9	.8	1.0	.9	1.1
Cutlery and hand tools, including saws	2.0	2.8	1.7	2.3	1.8	2.2	.7	.8	.6	1.0
Hardware, n.e.c.	2.1	3.3	1.6	2.3	2.4	3.3	.8	1.1	1.0	1.1
Heating equipment and plumbing fixtures	2.2	2.1	1.6	1.6	3.1	2.9	.6	.9	2.0	1.4
Sanitary ware and plumbers' brass goods	1.8	1.8	1.1	1.2	2.8	2.3	.6	.8	1.6	.9
Heating equipment, except electric	2.5	2.3	1.9	1.9	3.3	3.4	.5	1.0	2.3	1.7
Fabricated structural metal products	2.5	2.8	1.7	2.0	4.4	5.0	.9	1.1	2.8	3.2
Fabricated structural steel	2.7	3.2	1.6	1.9	3.7	6.5	.9	.9	2.2	4.7
Fabricated plate work (boiler shops)	2.1	2.3	1.3	1.6	2.7	3.3	.7	.9	1.4	1.8
Architectural and miscellaneous metal work	2.2	3.3	1.9	2.8	5.4	6.2	1.1	1.4	3.8	4.1
Screw machine products, bolts, etc.	2.2	2.3	1.6	1.7	2.7	2.6	.7	1.0	1.4	1.1
Bolts, nuts, screws, rivets, and washers	1.5	1.9	.8	1.4	2.7	2.4	.6	.8	1.7	1.1
Metal stampings	2.7	3.5	1.3	1.9	3.1	3.9	.8	1.0	1.9	2.3
Miscellaneous fabricated wire products	2.3	3.0	1.3	2.2	2.9	4.1	.7	1.2	1.7	2.2
Miscellaneous fabricated metal products	1.6	2.1	1.0	1.5	2.0	3.0	.6	.8	1.0	1.3
Valves, pipe, and pipe fittings	1.7	1.8	1.1	1.4	1.7	2.7	.5	.8	.7	1.4
<b>MACHINERY</b>	2.4	2.6	1.6	1.7	1.9	2.3	.6	.8	.8	.9
Engines and turbines	2.1	2.7	1.2	1.2	1.6	2.7	.5	.4	.7	1.2
Steam engines and turbines	.9	1.1	.5	.4	1.1	1.7	.2	.2	.5	.7
Internal combustion engines, n.e.c.	2.9	3.8	1.7	1.8	1.9	3.4	.5	.5	.9	1.6
Farm machinery and equipment	5.0	4.2	2.7	2.2	1.8	2.9	.6	.9	.8	1.5
Construction and related machinery	2.2	2.2	1.5	1.5	1.7	2.0	.6	.8	.7	.8
Construction and mining machinery	2.3	2.3	1.4	1.5	1.6	2.3	.6	.8	.6	1.0
Oil field machinery, and equipment	1.8	2.2	1.6	1.3	2.1	1.2	.7	.6	1.0	.2
Conveyors, hoists, and industrial cranes	2.4	2.2	1.9	1.8	2.0	2.4	.7	.8	.8	1.1
Metalworking machinery and equipment	2.1	2.8	1.5	1.9	1.7	1.9	.6	.8	.6	.5
Machine tools, metal cutting types	1.2	1.7	1.0	1.4	1.0	1.2	.4	.6	.1	.2
Machine tool accessories	1.3	1.7	1.1	1.2	1.4	1.3	.4	.6	.4	.2
Miscellaneous metalworking machinery	1.9	1.9	.9	1.4	1.2	1.5	.4	.6	.4	.5
Special industry machinery	1.7	2.0	1.2	1.5	1.6	1.8	.6	.7	.6	.7
Food products machinery	1.5	2.6	1.1	1.8	1.6	2.3	.5	.8	.6	.9
Textile machinery	2.2	2.6	1.3	1.7	2.1	1.8	.7	.7	1.1	.7
General industrial machinery	1.6	1.9	1.2	1.4	1.5	2.0	.6	.8	.5	.8
Pumps; air and gas compressors	1.7	1.7	1.5	1.3	1.5	2.4	.7	.8	.5	1.1
Ball and roller bearings	1.2	1.7	.8	1.2	.9	1.3	.5	.6	.1	.5
Mechanical power transmission goods	1.2	1.5	.9	1.1	1.0	1.6	.5	.7	.1	.6
Office, computing, and accounting machines	2.2	1.8	1.9	1.2	1.7	2.0	.8	.7	.5	.6
Computing machines and cash registers	2.6	1.8	2.3	1.2	1.6	1.9	.8	.6	.4	.5
Service industry machines	3.3	2.4	1.4	1.4	3.1	2.6	.6	.8	1.9	1.2
Refrigeration, except home refrigerators	3.4	2.7	1.4	1.3	3.1	2.8	.7	.7	1.8	1.5
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	2.1	2.5	1.2	1.6	2.9	3.5	.8	1.1	1.4	1.6
Electric distribution equipment	1.5	1.8	1.0	1.2	2.0	2.0	.5	.8	1.0	.7
Electric measuring instruments	1.9	2.2	1.5	1.7	2.3	2.3	.6	1.0	1.1	.7
Power and distribution transformers	1.7	1.7	.7	.8	2.5	2.4	.5	.7	1.4	1.2
Switchgear and switchboard apparatus	2.1	1.6	.8	1.1	1.5	1.7	.4	.7	.6	.5
Electrical industrial apparatus	2.3	2.3	1.2	1.5	1.9	2.7	.7	.9	.8	1.2
Motors and generators	2.3	2.5	1.2	1.6	2.1	2.9	.7	.9	.9	1.4
Industrial controls	2.3	2.0	1.2	1.2	1.8	2.4	.8	.8	.7	.9
Household appliances	2.5	3.4	1.2	1.8	3.8	3.8	.8	1.0	2.1	1.8
Household refrigerators and freezers	4.6	5.5	1.6	2.5	3.5	3.4	1.2	.8	.9	.7
Household laundry equipment	.7	1.4	.3	.6	4.5	3.2	.2	.5	3.3	2.4
Electric housewares and fans	1.6	2.7	.9	2.0	7.2	6.8	1.0	1.9	5.7	4.0
Electric lighting and wiring equipment	1.4	2.5	.9	2.0	2.4	3.1	.7	1.2	1.2	1.3
Electric lamps	1.3	1.6	.8	1.1	1.7	1.4	.5	.7	.9	.2
Lighting fixtures	1.3	3.0	.8	2.4	3.3	4.0	.6	1.4	2.3	2.1
Wiring devices	1.4	2.6	1.0	2.0	1.9	3.1	.9	1.3	.5	1.1
Radio and TV receiving sets	2.4	2.4	1.4	1.6	4.5	5.6	1.2	1.6	2.2	3.0
Communication equipment	1.8	1.9	1.0	1.2	2.4	3.1	.8	1.0	1.1	1.3
Telephone and telegraph apparatus	(1)	1.0	(1)	.7	(1)	1.4	(1)	.7	(1)	.4
Radio and TV communication equipment	2.1	2.2	1.1	1.4	2.8	3.8	.9	1.2	1.4	1.6
Electronic components and accessories	2.7	3.4	1.4	1.9	4.0	4.7	1.0	1.4	2.2	2.5
Electron tubes	1.2	1.6	.3	.7	2.4	2.9	.8	.8	1.2	1.6
Electronic components, n.e.c.	3.2	4.0	1.8	2.4	4.5	5.2	1.0	1.6	2.5	2.8
Miscellaneous electrical equipment and supplies	2.5	2.9	1.5	1.7	2.7	3.4	.9	1.1	1.2	1.6
Electrical equipment for engines	1.8	2.4	.9	1.2	2.2	2.7	.7	.9	.9	1.2

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



**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963
<i>Durable Goods--Continued</i>										
<b>TRANSPORTATION EQUIPMENT</b> . . . . .	2.6	2.9	1.3	1.6	3.1	3.1	0.5	0.7	1.7	1.7
Motor vehicles and equipment . . . . .	2.5	2.8	1.0	1.6	3.2	2.7	.3	.5	1.5	1.1
Motor vehicles . . . . .	2.4	2.6	1.3	1.8	3.3	2.6	.3	.5	1.7	1.2
Passenger car bodies . . . . .	2.1	3.6	1.0	1.5	2.2	2.8	.2	.4	.3	.4
Truck and bus bodies . . . . .	1.8	2.8	1.2	1.9	5.8	5.5	.6	1.1	4.6	3.7
Motor vehicle parts and accessories . . . . .	2.8	2.8	.9	1.3	2.7	2.5	.3	.5	1.0	.9
Aircraft and parts . . . . .	1.6	1.9	1.0	1.4	2.0	2.0	.6	.7	1.1	.9
Aircraft . . . . .	1.6	1.9	.9	1.4	1.8	1.9	.5	.7	1.0	.8
Aircraft engines and engine parts . . . . .	1.3	1.6	.9	1.2	2.0	1.7	.6	.6	1.1	.7
Other aircraft parts and equipment . . . . .	2.5	2.5	1.8	1.7	2.7	3.2	.9	1.0	1.4	1.7
Ship and boat building and repairing . . . . .	6.0	7.3	2.4	2.8	5.5	9.4	1.0	1.2	4.1	7.5
Ship building and repairing . . . . .	6.1	7.6	1.9	2.6	6.0	10.7	.9	1.2	4.7	8.9
Railroad equipment . . . . .	3.6	3.4	1.9	.9	2.4	3.9	.5	.7	.9	2.3
Other transportation equipment . . . . .	4.0	4.4	2.7	3.4	12.1	6.8	1.6	2.4	9.7	3.4
<b>INSTRUMENTS AND RELATED PRODUCTS</b> . . . . .	1.9	2.0	1.2	1.4	2.8	2.4	.9	.9	1.5	.9
Engineering and scientific instruments . . . . .	2.2	1.5	1.5	.8	3.2	2.8	.9	.7	2.2	1.4
Mechanical measuring and control devices . . . . .	2.5	2.7	1.5	1.5	2.2	2.4	.7	.9	.7	.8
Mechanical measuring devices . . . . .	2.0	2.4	1.6	1.8	1.6	1.9	.7	.9	.4	.7
Automatic temperature controls . . . . .	3.3	3.3	1.4	1.1	3.0	3.1	.7	.9	1.2	.9
Optical and ophthalmic goods . . . . .	2.3	2.4	2.0	2.0	2.6	2.2	1.2	1.0	.7	.7
Surgical, medical, and dental equipment . . . . .	1.7	2.4	1.0	1.8	1.5	2.6	.7	1.1	.5	.9
Photographic equipment and supplies . . . . .	(1)	1.2	(1)	1.1	(1)	1.5	(1)	.5	(1)	.6
Watches and clocks . . . . .	1.4	1.9	.5	1.3	7.4	3.3	.9	1.3	5.7	1.1
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> . . . . .	2.6	3.7	1.5	2.7	10.9	7.2	1.1	1.6	9.3	4.7
Jewelry, silverware, and plated ware . . . . .	1.9	2.7	1.4	2.1	2.6	3.1	.9	1.5	1.4	1.1
Toys, amusement, and sporting goods . . . . .	3.8	4.1	1.7	2.6	31.5	15.1	1.2	1.8	29.9	12.1
Toys, games, dolls, and play vehicles . . . . .	3.5	3.5	1.1	2.5	48.2	20.2	1.1	1.9	46.8	16.8
Sporting and athletic goods, n.e.c. . . . .	4.3	5.2	2.6	2.8	4.1	5.0	1.3	1.6	2.3	2.7
Pens, pencils, office and art materials . . . . .	1.5	4.3	1.0	3.4	2.6	3.9	.8	1.4	1.4	1.9
Costume jewelry, buttons, and notions . . . . .	2.9	4.8	1.9	3.6	5.5	5.8	1.9	2.5	3.1	2.5
Other manufacturing industries . . . . .	2.0	3.1	1.5	2.4	3.6	3.7	.9	1.3	2.1	1.7
<i>Nondurable Goods</i>										
<b>FOOD AND KINDRED PRODUCTS</b> . . . . .	2.9	3.9	1.5	2.3	5.2	6.6	1.0	1.5	3.6	4.5
Meat products . . . . .	3.4	4.6	1.3	2.2	4.8	5.2	1.2	1.6	3.0	2.9
Meat packing . . . . .	3.6	4.8	.8	1.4	3.8	4.6	.5	.7	2.7	3.3
Poultry dressing and packing . . . . .	3.7	5.9	2.9	4.9	9.1	8.2	3.2	4.4	5.0	3.1
Grain mill products . . . . .	2.5	2.4	1.1	1.6	2.5	3.6	.7	.8	1.3	2.3
Flour and other grain mill products . . . . .	2.5	2.4	.9	1.3	2.3	2.6	.6	.8	1.3	1.4
Prepared feeds for animals and fowls . . . . .	2.8	2.7	1.5	2.0	2.7	4.3	.9	.9	1.2	2.8
Bakery products . . . . .	2.2	2.7	1.7	2.2	2.8	3.4	1.1	1.6	1.2	1.2
Bread, cake, and perishable products . . . . .	2.2	2.7	1.7	2.3	2.6	3.0	1.2	1.6	.9	.8
Biscuit, crackers, and pretzels . . . . .	2.4	2.5	1.2	1.2	3.8	5.8	.9	1.4	2.5	3.8
Confectionery and related products . . . . .	3.0	4.4	1.4	2.7	6.1	5.9	1.3	1.9	4.4	3.3
Candy and other confectionery products . . . . .	3.6	5.2	1.6	3.1	7.2	6.4	1.4	2.2	5.3	3.4
Beverages . . . . .	2.9	3.2	1.2	1.8	5.3	5.1	.9	1.2	3.9	3.4
Malt liquors . . . . .	3.5	3.6	.4	.9	4.1	3.4	.3	.4	3.4	2.7
<b>TOBACCO MANUFACTURES</b> . . . . .	4.6	4.4	1.6	2.3	10.9	11.9	.6	.8	9.9	10.7
Cigarettes . . . . .	.5	.7	.2	.5	1.3	1.1	.2	.4	.8	.1
Cigars . . . . .	1.1	4.5	.7	3.7	3.0	3.0	.8	1.5	2.0	1.1

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

ESTABLISHMENT DATA  
LABOR TURNOVER

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

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963
<i>Nondurable Goods--Continued</i>										
<b>TEXTILE MILL PRODUCTS</b> . . . . .	2.1	3.0	1.4	2.1	3.1	3.6	1.1	1.6	1.5	1.5
Cotton broad woven fabrics . . . . .	1.9	2.7	1.3	2.0	2.0	2.5	1.2	1.7	.3	.3
Silk and synthetic broad woven fabrics . . . . .	1.9	2.9	1.5	2.3	1.8	2.4	1.0	1.4	.4	.4
Weaving and finishing broad woolsens . . . . .	2.9	3.4	1.3	1.5	3.5	5.6	1.0	1.3	2.2	3.7
Narrow fabrics and smallwares . . . . .	1.8	2.9	1.3	2.0	2.9	3.3	.9	1.3	1.4	1.3
Knitting . . . . .	1.9	2.6	1.1	1.7	5.3	5.2	1.3	1.7	3.7	3.1
Full-fashioned hosiery . . . . .	1.1	3.2	.5	2.4	1.8	4.2	1.0	2.0	.7	1.9
Seamless hosiery . . . . .	1.8	2.4	1.0	1.7	4.0	3.1	1.2	1.6	2.4	1.1
Knit underwear . . . . .	1.1	1.8	.7	1.1	2.0	2.2	1.2	1.4	.5	.4
Finishing textiles, except wool and knit . . . . .	1.8	2.4	1.4	1.9	2.4	2.2	.8	1.0	1.2	.6
Floor covering . . . . .	2.1	3.6	1.2	2.7	3.2	3.5	1.0	1.8	1.5	1.1
Yarn and thread . . . . .	2.7	4.4	1.9	3.1	2.7	4.3	1.3	2.3	.8	1.2
Miscellaneous textile goods . . . . .	2.9	3.3	1.4	2.0	2.8	3.4	.9	1.0	1.3	1.8
<b>APPAREL AND RELATED PRODUCTS</b> . . . . .	3.1	4.5	1.6	2.4	5.4	5.3	1.4	1.8	3.5	2.8
Men's and boys' suits and coats . . . . .	3.8	3.3	1.1	1.4	2.3	3.3	.8	1.0	1.2	1.9
Men's and boys' furnishings . . . . .	2.3	3.4	1.4	2.2	4.4	4.5	1.6	2.1	2.3	1.8
Men's and boys' shirts and nightwear . . . . .	1.7	2.9	1.0	2.0	3.5	4.3	1.7	2.3	1.3	1.4
Men's and boys' separate trousers . . . . .	3.4	3.9	1.8	2.0	3.9	4.0	1.7	2.2	1.9	1.3
Work clothing . . . . .	2.7	3.7	2.0	2.8	3.6	3.6	1.8	2.3	1.3	.9
Women's and children's undergarments . . . . .	1.9	3.7	1.3	2.7	4.8	4.5	1.6	2.2	2.6	1.7
Women's and children's underwear . . . . .	1.9	3.6	1.2	2.6	5.8	5.1	1.7	2.5	3.6	2.0
Corsets and allied garments . . . . .	2.1	3.7	1.4	2.9	2.9	3.4	1.4	1.6	.9	1.1
<b>PAPER AND ALLIED PRODUCTS</b> . . . . .	1.7	2.0	1.0	1.3	2.4	2.7	.6	.9	1.4	1.2
Paper and pulp . . . . .	1.2	1.3	.6	.7	1.4	1.5	.3	.5	.7	.6
Paperboard . . . . .	1.3	1.5	1.1	1.2	.9	1.7	.3	.5	.3	.8
Converted paper and paperboard products . . . . .	2.4	2.6	1.6	1.7	2.6	3.6	.8	1.2	1.2	1.8
Bags, except textile bags . . . . .	3.5	3.8	2.1	2.2	3.8	5.7	1.1	1.8	1.7	2.9
Paperboard containers and boxes . . . . .	1.9	2.5	1.1	1.7	4.1	3.6	.9	1.2	2.6	1.7
Folding and setup paperboard boxes . . . . .	1.6	2.8	1.0	2.2	5.7	4.1	1.0	1.3	4.1	2.0
Corrugated and solid fiber boxes . . . . .	1.6	2.0	1.1	1.5	2.4	3.1	.7	1.1	1.3	1.4
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b> . . . . .	2.0	2.5	1.3	1.9	2.1	2.7	.9	1.1	.8	1.1
<b>CHEMICALS AND ALLIED PRODUCTS</b> . . . . .	1.3	1.3	.8	.9	1.7	1.8	.4	.5	.9	.9
Industrial chemicals . . . . .	.8	.9	.5	.6	1.2	1.0	.3	.3	.6	.4
Plastics and synthetics, except glass . . . . .	1.0	1.2	.7	.8	1.0	1.3	.4	.5	.4	.5
Plastics and synthetics except fibers . . . . .	.9	1.1	.6	.8	.9	1.6	.4	.6	.3	.6
Synthetic fibers . . . . .	1.2	1.3	.7	.8	1.1	1.2	.4	.4	.4	.4
Drugs . . . . .	1.4	1.5	1.1	1.2	2.0	1.5	.7	.6	.8	.5
Pharmaceutical preparations . . . . .	1.5	1.8	1.2	1.4	2.0	1.6	.8	.7	.8	.5
Soap, cleaners, and toilet goods . . . . .	1.8	1.5	.8	1.1	2.9	4.2	.6	.8	2.0	2.9
Soap and detergents . . . . .	2.4	1.2	.2	.5	2.6	4.7	.3	.4	1.9	4.0
Toilet preparations . . . . .	1.4	2.0	1.2	1.7	4.9	5.6	.9	1.3	3.6	3.5
Paints, varnishes, and allied products . . . . .	.9	1.3	.7	1.0	1.2	1.8	.5	.6	.3	.7
Other chemical products . . . . .	1.2	1.8	.8	1.2	2.5	2.0	.5	.7	1.6	1.0
<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b> . . . . .	.6	.9	.4	.7	2.2	1.8	.2	.4	1.4	1.0
Petroleum refining . . . . .	.5	.8	.4	.6	1.1	1.0	.2	.3	.4	.3
Other petroleum and coal products . . . . .	.9	1.5	.6	1.1	7.2	5.3	.4	.8	6.3	4.0
<b>RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS</b> . . . . .	2.0	2.6	1.2	1.7	3.5	3.7	.8	1.1	2.1	2.0
Tires and inner tubes . . . . .	.9	1.2	.2	.4	1.1	1.5	.2	.2	.6	.8
Other rubber products . . . . .	2.3	2.4	1.2	1.4	3.4	3.1	.8	1.0	2.0	1.5
Miscellaneous plastic products . . . . .	2.4	3.6	1.7	2.8	5.1	5.7	1.2	1.8	3.2	3.1

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

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963	Dec. 1963	Nov. 1963
<i>Nondurable Goods--Continued</i>										
LEATHER AND LEATHER PRODUCTS . . . . .	3.3	4.1	2.3	2.6	5.4	4.1	1.5	1.9	3.3	1.5
Leather tanning and finishing . . . . .	1.8	2.8	1.1	1.8	2.5	3.0	.8	1.1	1.3	1.4
Footwear, except rubber . . . . .	3.8	4.3	2.6	2.7	3.8	3.8	1.5	2.0	1.8	1.2
<b>NONMANUFACTURING</b>										
METAL MINING . . . . .	1.2	2.5	.8	1.3	3.7	3.3	.5	.8	2.6	1.9
Iron ores . . . . .	.8	2.3	.1	.3	1.5	5.1	.1	.1	5.8	4.5
Copper ores . . . . .	.9	2.1	.5	1.2	1.0	1.4	.3	.6	.3	.2
COAL MINING . . . . .	1.5	1.7	.7	.8	2.1	1.5	.4	.4	1.5	.7
Bituminous . . . . .	1.3	1.4	.7	.7	2.2	1.5	.4	.4	1.5	.7
COMMUNICATION:										
Telephone communication . . . . .	(1)	1.2	-	-	(1)	1.3	(1)	.8	(1)	.1
Telegraph communication <sup>2</sup> . . . . .	(1)	1.2	-	-	(1)	2.0	(1)	.5	(1)	1.0

<sup>1</sup>Not available.

<sup>2</sup>Data relate to domestic employees except messengers.

NOTE: Data for the current month are preliminary.

**Table D-3: Labor turnover rates in manufacturing, by sex and major industry<sup>1</sup>**  
October 1963

Major industry group	Men (per 100 men)			Women (per 100 women)		
	Total accessions	Separations		Total accessions	Separations	
		Total	Quits		Total	Quits
<b>MANUFACTURING</b> . . . . .	3.5	3.7	1.3	5.0	5.3	2.0
<b>DURABLE GOODS</b> . . . . .	3.4	3.6	1.2	4.1	4.1	1.7
Ordnance and accessories . . . . .	2.6	2.4	.9	3.0	3.1	1.3
Lumber and wood products, except furniture . . . . .	4.9	5.6	3.0	4.1	4.4	1.5
Furniture and fixtures . . . . .	4.8	5.2	2.4	4.4	3.5	1.8
Stone, clay, and glass products . . . . .	3.0	3.7	1.2	3.9	4.8	1.4
Primary metal industries . . . . .	2.6	3.5	.6	2.6	3.2	1.1
Fabricated metal products . . . . .	4.0	4.2	1.4	4.4	4.3	1.6
Machinery . . . . .	2.9	2.7	.9	3.1	2.8	1.3
Electrical equipment and supplies . . . . .	2.5	2.8	1.0	4.4	4.5	1.9
Transportation equipment . . . . .	4.1	3.6	.9	2.7	2.6	1.1
Instruments and related products . . . . .	2.2	2.1	.9	3.8	3.7	1.5
Miscellaneous manufacturing industries . . . . .	4.7	4.8	2.1	6.8	6.1	2.6
<b>NONDURABLE GOODS</b> . . . . .	3.6	3.9	1.5	5.5	6.0	2.2
Food and kindred products* . . . . .	5.2	5.9	1.9	10.1	12.2	2.9
Tobacco manufactures . . . . .	5.2	8.1	1.1	6.5	9.0	.9
Textile mill products . . . . .	4.0	4.0	2.3	4.1	4.0	1.9
Apparel and related products . . . . .	5.4	6.1	2.1	4.9	5.4	2.3
Paper and allied products . . . . .	2.3	2.4	1.1	3.7	4.2	1.7
Printing, publishing, and allied industries . . . . .	2.6	2.7	1.3	4.1	4.0	1.9
Chemicals and allied products . . . . .	1.5	1.7	.6	3.1	3.1	1.3
Petroleum refining and related industries . . . . .	1.1	1.8	.5	2.0	2.3	1.4
Rubber and miscellaneous plastic products . . . . .	3.1	3.1	1.4	5.8	5.2	2.1
Leather and leather products . . . . .	4.7	4.7	2.6	4.9	4.9	2.4

<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.

\*Food and kindred products- July 1963, revised rates for men: Quits 1.7, and Accessions 6.0.

## ESTABLISHMENT DATA SEASONALLY ADJUSTED LABOR TURNOVER

**Table D-4: Labor turnover rates in manufacturing, 1954 to date  
seasonally adjusted**

(Per 100 employees)												
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1954.....	3.5	3.4	3.6	3.1	3.3	3.5	3.6	3.4	3.6	4.0	4.5	4.3
1955.....	4.2	4.3	4.6	4.5	4.6	4.3	4.1	4.7	4.6	4.5	4.5	4.3
1956.....	4.2	4.3	4.0	4.3	4.1	4.0	4.0	4.0	4.2	4.6	4.1	4.1
1957.....	4.1	3.9	3.7	3.6	3.6	3.8	3.9	3.3	3.3	3.3	3.1	3.0
1958.....	3.1	3.0	3.2	3.3	3.6	3.7	3.8	3.9	4.0	3.8	3.9	4.2
1959 <sup>1</sup> .....	4.0	4.4	4.5	4.4	4.1	4.2	4.0	4.1	4.1	3.9	4.2	5.6
1960.....	4.2	4.1	3.6	3.6	3.8	3.7	3.6	3.8	3.9	3.5	3.6	3.6
1961.....	3.9	3.8	4.3	4.2	4.2	4.0	4.1	4.1	3.8	4.4	4.3	4.1
1962.....	4.2	4.2	4.1	4.2	4.1	4.0	4.2	3.9	4.0	3.9	3.8	3.8
1963.....	3.7	3.9	3.8	4.1	3.8	3.9	4.0	3.7	3.9	3.9	3.6	3.8
New hires												
1954.....	1.9	1.8	1.9	1.7	1.7	1.8	1.9	1.8	1.9	2.0	2.4	2.3
1955.....	2.4	2.6	3.0	2.9	3.0	2.9	2.9	3.2	3.1	3.1	3.3	3.2
1956.....	3.0	3.0	2.6	2.8	2.8	2.7	2.5	2.6	2.7	2.9	2.7	3.0
1957.....	2.8	2.5	2.4	2.3	2.3	2.4	2.4	2.1	1.9	1.9	1.6	1.3
1958.....	1.4	1.4	1.4	1.5	1.5	1.6	1.8	1.8	2.0	2.0	2.2	2.3
1959.....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.4	2.4	2.7
1960.....	2.6	2.7	2.4	2.2	2.3	2.2	2.1	2.2	2.1	2.0	1.9	1.8
1961.....	1.8	1.7	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.5	2.6	2.5
1962.....	2.6	2.6	2.6	2.7	2.7	2.6	2.5	2.4	2.3	2.3	2.3	2.2
1963.....	2.3	2.2	2.4	2.6	2.4	2.4	2.4	2.4	2.3	2.4	2.3	2.4
Total separations												
1954.....	5.2	4.8	4.5	4.5	4.0	3.8	3.8	3.7	3.7	3.8	3.8	3.9
1955.....	3.4	3.4	3.6	3.7	3.8	4.1	4.3	4.3	4.2	4.0	3.8	3.9
1956.....	4.1	5.0	4.2	4.0	4.5	4.4	4.0	4.2	4.2	4.0	4.0	3.6
1957.....	3.8	4.1	4.0	4.0	4.1	4.0	3.9	4.3	4.3	4.4	4.8	5.0
1958.....	5.4	4.8	4.8	4.6	4.2	3.8	3.9	3.7	3.6	3.6	3.5	3.7
1959 <sup>1</sup> .....	3.7	3.6	3.6	3.8	3.8	4.0	4.1	4.2	4.3	4.9	4.5	4.0
1960.....	3.6	4.1	4.4	4.5	4.3	4.5	4.4	4.3	4.3	4.2	4.4	4.8
1961.....	4.7	4.5	4.2	3.7	3.9	4.0	4.0	3.8	4.1	3.7	3.9	4.0
1962.....	3.9	3.9	3.9	4.0	4.2	4.2	4.3	4.5	4.0	4.0	3.9	3.8
1963.....	4.0	3.7	3.8	4.0	4.0	3.8	4.0	4.2	3.9	3.7	3.7	3.5
Quits												
1954.....	1.7	1.5	1.4	1.4	1.3	1.3	1.4	1.3	1.4	1.3	1.5	1.5
1955.....	1.5	1.6	1.8	1.9	1.8	1.8	1.9	2.0	2.1	2.0	2.1	2.0
1956.....	2.0	2.1	2.0	1.9	1.9	2.0	1.8	1.9	1.9	1.9	1.9	1.9
1957.....	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.6	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	1.5	1.5	1.5	1.5	1.5	1.6
1960.....	1.5	1.6	1.5	1.6	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.....	1.4	1.5	1.5	1.4	1.6	1.5	1.4	1.5	1.3	1.4	1.4	1.3
1963.....	1.4	1.3	1.5	1.4	1.4	1.4	1.4	1.5	1.3	1.4	1.4	1.3
Layoffs												
1954.....	2.9	2.5	2.8	2.8	2.3	2.3	2.1	2.2	2.2	2.0	1.8	1.7
1955.....	1.5	1.3	1.5	1.5	1.3	1.7	1.8	1.7	1.4	1.5	1.3	1.5
1956.....	1.7	2.1	1.8	1.6	2.0	1.9	1.7	1.6	1.8	1.6	1.7	1.5
1957.....	1.5	1.6	1.6	1.8	2.0	1.7	1.8	2.2	2.4	2.6	2.9	2.9
1958.....	3.6	3.1	3.4	3.3	2.9	2.5	2.6	2.4	2.1	2.0	1.8	2.0
1959.....	1.9	1.7	1.7	1.7	1.6	1.8	1.9	2.0	2.1	2.7	2.4	1.9
1960.....	1.6	1.9	2.3	2.4	2.3	2.5	2.4	2.6	2.5	2.4	2.6	2.8
1961.....	2.9	2.9	2.4	2.1	2.2	2.2	2.3	1.9	2.2	1.7	1.8	2.0
1962.....	1.9	1.9	1.7	1.8	2.0	2.0	2.1	2.3	1.9	2.0	1.9	2.0
1963.....	2.0	1.8	1.8	1.8	1.8	1.7	1.9	2.0	1.8	1.7	1.8	1.6

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

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

Data for the current month are preliminary.

ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER

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

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963
ALABAMA <sup>1</sup>	2.7	3.4	1.2	1.8	3.1	4.4	0.9	1.3	1.7	2.5
Birmingham	2.3	2.6	.8	1.6	3.2	4.6	.4	.9	2.3	3.4
Mobile <sup>1</sup>	6.3	7.9	1.2	1.5	9.2	7.8	.9	1.1	7.4	5.8
ARIZONA	5.1	5.6	3.6	3.7	4.5	4.9	1.6	2.1	2.1	1.9
Phoenix	5.4	6.4	3.6	4.1	3.5	4.6	1.6	2.2	1.2	1.4
ARKANSAS	4.1	5.6	3.4	4.3	5.1	5.4	2.1	3.0	2.3	1.6
Fort Smith	5.7	6.1	5.1	5.3	5.6	5.8	2.7	4.3	2.2	.8
Little Rock-North Little Rock	4.4	6.3	4.1	5.6	3.9	6.0	2.2	3.8	1.0	1.3
Pine Bluff	3.3	3.1	2.8	2.5	4.2	4.6	1.4	2.4	2.3	1.9
CALIFORNIA <sup>1</sup>	3.4	4.7	2.5	3.7	4.4	4.8	1.4	1.9	2.2	2.0
Los Angeles-Long Beach <sup>1</sup>	3.6	4.9	2.7	3.8	4.3	4.7	1.6	2.0	1.8	1.7
Sacramento <sup>1</sup>	1.3	2.1	1.0	1.7	2.2	2.4	.7	1.0	1.2	1.1
San Bernardino-Riverdale-Ontario <sup>1</sup>	3.2	3.6	2.0	2.7	3.6	4.5	1.1	1.6	1.7	2.1
San Diego <sup>1</sup>	1.9	2.6	1.4	1.8	3.0	3.5	.9	1.0	1.6	1.9
San Francisco-Oakland <sup>1</sup>	4.0	5.0	2.4	3.4	5.2	5.6	1.0	1.4	3.5	3.3
San Jose <sup>1</sup>	2.4	3.3	1.9	2.8	2.5	3.3	1.1	1.6	.9	1.0
Stockton <sup>1</sup>	4.1	4.6	2.4	3.9	6.7	7.5	.9	1.7	5.2	5.2
COLORADO	2.9	7.2	2.0	3.8	4.4	4.7	1.5	2.1	2.3	1.8
CONNECTICUT	2.1	2.6	1.5	2.0	2.6	2.7	1.0	1.3	1.2	.9
Bridgport	2.1	2.6	1.7	2.1	2.4	2.4	1.0	1.3	1.0	.7
Hartford	1.7	1.8	1.4	1.5	1.7	2.0	.8	1.0	.5	.6
New Britain	2.4	3.0	2.0	2.6	2.0	2.6	.8	1.2	.5	.5
New Haven	2.2	3.5	1.6	2.7	4.5	3.1	1.0	1.5	2.8	.9
Stamford	1.6	2.6	1.2	2.1	2.2	2.2	1.1	1.3	.7	.4
Waterbury	2.0	2.6	1.3	1.7	1.9	2.6	1.0	1.4	.6	.8
DELAWARE <sup>1</sup>	1.8	2.6	1.1	2.0	2.0	2.1	.8	.9	.6	.5
Wilmington <sup>1</sup>	1.6	2.3	.8	1.6	1.8	1.8	.5	.7	.6	.5
DISTRICT OF COLUMBIA: Washington	2.5	2.8	2.3	2.5	3.2	3.4	2.0	2.2	.3	.4
FLORIDA	5.1	8.0	3.3	4.8	4.0	4.3	2.0	2.3	1.5	1.3
Jacksonville	3.2	7.3	2.1	3.3	5.5	7.0	2.1	2.3	2.8	4.0
Miami	4.4	7.2	3.4	5.3	3.6	4.4	1.8	2.3	1.2	1.3
Tampa-St. Petersburg	5.8	7.4	3.2	5.4	4.6	4.6	2.2	2.6	1.7	1.4
GEORGIA	3.4	4.4	2.5	3.4	3.5	4.0	1.8	2.3	1.1	1.0
Atlanta <sup>2</sup>	2.8	4.2	2.2	3.5	3.8	3.7	1.8	2.2	1.1	.8
HAWAII <sup>3</sup>	3.7	2.3	1.6	1.9	2.4	3.3	.9	1.5	1.1	1.3
IDAHO <sup>4</sup>	2.4	4.3	1.8	3.4	7.3	4.1	1.3	2.2	5.5	1.2
INDIANA <sup>1</sup>	2.4	2.8	1.4	1.8	3.3	3.4	.9	1.1	1.9	1.5
Indianapolis <sup>5</sup>	1.5	2.3	1.1	1.5	2.0	2.7	.9	1.0	.7	1.1
IOWA	2.9	3.3	1.5	2.2	3.0	3.6	1.0	1.4	1.5	1.6
Des Moines	2.2	2.9	1.4	2.1	3.1	3.8	1.2	1.5	1.4	1.8
KANSAS	2.6	4.1	1.8	3.2	3.2	3.4	1.2	1.8	1.3	1.0
Topeka	1.1	2.0	.9	1.8	1.9	2.7	1.1	1.4	.5	.8
Wichita	3.0	3.6	2.2	2.7	1.9	2.6	1.1	1.6	.4	.4
KENTUCKY	3.0	2.9	1.4	1.8	3.1	3.6	.9	1.1	1.7	2.0
Louisville	2.1	2.8	.9	1.5	3.3	3.1	.6	.9	2.1	1.6
LOUISIANA	3.5	5.9	2.1	3.0	3.9	3.4	1.0	1.0	2.3	1.8
New Orleans <sup>6</sup>	4.6	5.6	2.4	2.7	3.9	5.1	.9	1.3	1.5	3.2
MAINE	4.0	4.8	2.8	3.3	5.1	6.4	1.8	2.3	2.7	3.4
Portland	1.6	2.4	1.2	1.8	2.6	4.4	1.0	1.6	1.1	2.3
MARYLAND	2.8	3.7	1.5	2.1	4.1	4.2	1.1	1.3	2.5	2.3
Baltimore	2.7	3.1	1.3	1.8	3.7	3.8	.9	1.2	2.3	2.0

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

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**
**Table D-5: Labor turnover rates in manufacturing for selected States and areas--Continued**

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963	
MASSACHUSETTS.....	2.8	3.5	1.7	2.5	3.5	3.8	1.2	1.6	1.7	1.5
Boston.....	2.3	3.2	1.3	2.5	3.4	3.8	1.1	1.6	1.7	1.6
Fall River.....	3.3	4.4	2.2	2.8	5.8	4.0	1.5	1.6	3.7	1.8
New Bedford.....	2.9	5.1	1.5	2.5	4.1	5.0	1.1	1.9	2.1	2.3
Springfield-Chicopee-Holyoke.....	1.8	2.9	1.3	2.0	2.7	3.5	.7	1.3	1.5	1.4
Worcester.....	2.5	2.9	1.9	2.0	2.8	2.8	1.1	1.1	1.2	1.1
MINNESOTA.....	2.8	4.5	1.5	2.6	3.5	5.0	1.1	1.4	1.8	2.7
Duluth-Superior.....	3.4	5.2	1.0	3.4	3.8	3.8	.9	1.3	2.2	1.7
Minneapolis-St. Paul.....	2.9	4.1	1.6	2.3	3.5	3.7	1.0	1.3	1.6	1.4
MISSISSIPPI.....	3.5	4.4	2.3	3.5	4.4	5.0	1.7	2.1	2.3	2.2
Jackson.....	2.9	4.1	2.4	3.5	3.6	3.3	1.6	1.7	1.5	.8
MISSOURI.....	3.0	3.8	2.0	2.7	3.3	3.7	1.3	1.6	1.5	1.6
Kansas City.....	3.0	4.0	2.0	3.0	3.8	3.8	1.4	1.7	2.0	1.5
St. Louis.....	2.7	3.3	2.0	2.4	2.8	3.0	.9	1.3	1.5	1.1
MONTANA <sup>4</sup> .....	2.7	4.4	2.1	3.6	3.1	5.3	1.5	2.1	1.1	2.1
NEBRASKA.....	3.9	6.9	2.4	3.9	5.7	4.7	1.8	2.5	3.2	1.4
NEVADA.....	4.2	5.6	3.9	5.3	5.2	4.4	2.3	2.8	1.5	.7
NEW HAMPSHIRE.....	3.9	4.3	2.8	3.3	4.5	5.4	2.1	2.5	1.6	2.0
NEW MEXICO.....	3.7	4.9	2.7	4.2	3.9	5.2	2.1	2.7	.6	1.4
Albuquerque.....	3.1	2.8	2.3	2.5	2.5	3.9	1.1	2.1	.4	.9
NEW YORK.....	3.0	3.9	1.7	2.7	4.5	4.0	1.0	1.3	2.9	2.1
Albany-Schenectady-Troy.....	2.2	2.1	.9	1.2	2.8	2.7	.6	.7	1.3	.9
Binghamton.....	1.4	1.6	.9	1.0	1.8	1.7	.8	1.0	.5	.3
Buffalo.....	2.2	2.9	.9	1.5	3.0	2.8	.5	.6	2.1	1.8
Elmira.....	1.9	2.4	.9	1.9	4.5	5.0	.8	.9	3.3	3.6
Nassau and Suffolk Counties.....	2.4	3.2	1.6	2.5	3.6	3.7	1.1	1.5	2.0	1.5
New York City.....	3.5	4.5	2.2	3.3	5.9	4.8	1.0	1.4	4.0	2.6
Rochester.....	1.8	3.3	1.4	1.6	1.7	1.6	.7	.8	.6	.4
Syracuse.....	1.9	2.2	.7	1.4	3.8	2.8	.8	1.4	1.8	.8
Utica-Rome.....	2.1	3.7	1.0	2.0	2.5	3.0	.6	.8	1.4	1.8
Westchester County.....	4.5	4.8	2.3	3.1	4.5	4.5	1.3	1.5	2.6	2.3
NORTH CAROLINA.....	2.6	3.9	2.1	3.2	3.7	3.9	1.6	2.1	1.6	1.2
Charlotte.....	2.6	3.0	2.3	2.7	2.6	2.8	1.9	1.9	.3	.3
Greensboro-High Point.....	2.9	4.2	2.5	3.7	2.9	3.6	1.8	2.6	.4	.3
NORTH DAKOTA.....	3.0	4.5	2.4	3.7	4.6	3.8	1.2	1.8	3.1	1.1
Fargo-Moorhead.....	1.8	4.7	1.6	2.9	3.5	5.3	.5	1.4	2.9	3.1
OKLAHOMA <sup>7</sup> .....	3.7	4.6	2.4	3.0	4.0	3.7	1.5	2.1	1.4	1.0
Oklahoma City.....	4.2	4.0	2.7	2.8	5.7	4.3	2.0	2.2	1.6	1.6
Tulsa <sup>7</sup> .....	3.4	4.8	2.5	3.3	3.2	2.9	1.4	1.7	1.1	.6
OREGON <sup>1</sup> .....	3.7	5.6	3.1	4.6	5.5	6.2	1.9	2.7	2.9	2.4
Portland <sup>1</sup> .....	3.0	4.5	2.4	3.5	3.8	5.0	1.1	1.8	2.2	2.4
PENNSYLVANIA:										
Lancaster.....	1.7	2.2	1.3	1.8	2.5	2.5	.9	1.2	1.2	1.0
Philadelphia.....	2.1	3.0	1.2	1.7	2.9	2.9	.7	.9	1.7	1.5
Pittsburgh.....	2.1	2.5	.5	.7	2.1	3.3	.3	.4	1.5	2.5
Reading.....	2.9	4.0	2.2	2.8	2.8	4.0	1.3	1.9	1.1	1.4
York.....	2.4	3.0	1.6	2.2	3.0	3.0	.9	1.5	1.7	1.1
RHODE ISLAND.....	4.1	5.6	2.4	3.6	5.0	5.7	1.7	2.4	2.6	2.4
Providence-Pawtucket.....	3.9	4.9	2.3	3.3	4.7	4.9	1.7	2.2	2.4	1.9
SOUTH CAROLINA <sup>8</sup> .....	2.9	3.9	2.2	3.0	3.2	4.0	1.7	2.4	.9	.9
Charleston.....	5.1	4.8	2.9	3.2	5.2	4.8	1.5	1.6	2.9	2.3
SOUTH DAKOTA.....	6.0	4.5	3.7	2.5	8.6	7.4	1.9	2.5	6.0	4.4
Sioux Falls.....	4.4	3.9	1.3	.8	6.5	4.5	1.1	1.1	5.0	3.2

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963	Nov. 1963	Oct. 1963	
TENNESSEE.....	2.1	(9)	1.4	(9)	3.0	(9)	1.0	(9)	1.6	(9)
Chattanooga <sup>6</sup> .....	1.9	2.5	1.2	1.9	1.9	2.8	.8	1.1	.7	1.2
Knoxville.....	1.0	1.3	.5	.7	1.7	1.5	.6	.6	1.0	.7
Memphis.....	2.7	4.5	2.1	3.6	4.4	3.8	1.3	1.7	2.3	1.0
Nashville.....	2.3	2.4	1.7	1.8	2.9	2.6	1.1	1.3	1.4	.9
TEXAS <sup>10</sup> .....	2.6	3.2	2.0	2.5	2.8	2.9	1.3	1.5	1.0	.8
Dallas <sup>10</sup> .....	3.0	4.1	2.5	3.2	2.6	3.3	1.6	1.9	.5	.7
Fort Worth <sup>10</sup> .....	2.8	4.3	2.1	3.1	2.8	3.0	1.1	1.5	.9	1.0
Houston <sup>10</sup> .....	2.0	2.5	1.6	2.0	2.6	2.7	1.0	1.2	1.0	.8
San Antonio <sup>10</sup> .....	1.7	2.7	1.4	2.4	3.6	2.5	1.5	1.4	1.2	.5
VERMONT.....	2.1	2.2	1.5	1.5	3.4	2.6	.8	1.1	2.1	1.0
Burlington.....	1.6	1.9	1.1	1.6	3.5	3.6	.8	1.1	1.9	2.2
Springfield.....	1.3	.7	1.0	.5	1.2	1.6	.5	.4	.4	.6
VIRGINIA.....	3.0	4.2	2.0	3.1	3.4	3.5	1.3	1.8	1.5	1.0
Norfolk-Portsmouth.....	3.3	3.9	2.1	2.7	2.8	4.1	.9	1.4	1.5	2.2
Richmond.....	2.5	2.8	1.9	2.5	3.3	3.0	1.3	1.4	1.2	.8
Roanoke.....	2.6	2.5	1.6	2.0	3.5	3.2	1.4	1.7	1.4	.7
WASHINGTON <sup>11</sup> .....	2.8	4.1	2.0	2.8	3.3	4.1	1.1	1.6	1.6	1.8
Seattle <sup>11</sup> .....	2.5	3.4	1.7	1.9	2.8	4.0	.9	1.5	1.4	2.0
Spokane <sup>11</sup> .....	3.1	4.6	1.7	2.3	4.6	4.8	.8	1.1	3.3	3.2
Tacoma <sup>11</sup> .....	2.1	4.6	1.7	3.9	3.7	4.1	1.1	1.6	2.1	1.8
WEST VIRGINIA.....	2.7	2.9	1.2	1.4	4.0	3.4	.6	.8	2.5	1.7
Charleston.....	2.0	1.6	1.6	1.2	1.1	1.3	.3	.5	.4	.4
Huntington-Ashland.....	1.3	2.3	.7	1.4	2.4	2.9	.5	1.0	1.4	1.4
Wheeling.....	1.7	2.4	.6	1.4	2.9	2.9	.5	.5	2.1	2.0
WISCONSIN.....	2.8	3.1	1.4	2.0	3.9	4.0	1.0	1.3	2.3	1.9
WYOMING <sup>4</sup> .....	4.1	5.1	3.4	4.7	4.8	6.7	2.6	3.0	1.7	2.2

<sup>1</sup> Excludes canning and preserving.  
<sup>2</sup> Excludes agricultural chemicals and miscellaneous manufacturing.  
<sup>3</sup> Excludes canned fruits, vegetables, preserves, jams, and jellies.  
<sup>4</sup> Excludes canning and preserving, and sugar.  
<sup>5</sup> Excludes canning and preserving, and newspapers.  
<sup>6</sup> Excludes printing and publishing.  
<sup>7</sup> Excludes new-hire rate for transportation equipment.  
<sup>8</sup> Excludes tobacco stemming and redrying.  
<sup>9</sup> Not available.  
<sup>10</sup> Excludes canning and preserving, sugar, and tobacco.  
<sup>11</sup> Excludes canning and preserving, printing and publishing.  
NOTE: Data for the current month are preliminary.  
SOURCE: Cooperating State agencies listed on inside back cover.

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**Employment**

**Unemployment**

**Hours and Earnings**



# ANNUAL AVERAGES

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NOTE: Beginning in April 1962, labor force data are not strictly comparable with earlier data because of the introduction of 1960 Census population data into the estimation procedure. The change primarily affected labor force and employment totals, while unemployment totals were virtually unchanged.

## HOUSEHOLD DATA ANNUAL AVERAGES

**Table A-1: Employment status of the noninstitutional population, by sex**

Employment status	(In thousands)								
	Total			Male			Female		
	1963	1962	1961	1963	1962	1961	1963	1962	1961
Total	132,124	130,081	127,852	64,163	63,234	62,147	67,962	66,848	65,705
Total labor force	75,712	74,681	74,175	50,573	50,175	49,918	25,141	24,507	24,257
Civilian labor force	72,975	71,854	71,603	47,867	47,380	47,378	25,109	24,474	24,225
Employed	68,809	67,846	66,796	45,330	44,892	44,318	23,479	22,954	22,478
Agriculture	4,946	5,190	5,463	4,021	4,266	4,508	925	924	955
Nonagricultural industries	63,863	62,657	61,333	41,309	40,626	39,811	22,554	22,031	21,523
Unemployed	4,166	4,007	4,806	2,537	2,488	3,060	1,629	1,519	1,747
Looking for full-time work	3,536	(1)	(1)	2,222	(1)	(1)	1,313	(1)	(1)
Looking for part-time work	631	(1)	(1)	315	(1)	(1)	316	(1)	(1)
Not in labor force	56,412	55,400	53,677	13,590	13,059	12,229	42,822	42,341	41,448

<sup>1</sup> Not available.

**Table A-2: Unemployed persons, by age and sex**

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	1963	1962	1961	1963	1962	1961	1963	1962	1961
Total	4,166	4,007	4,806	5.7	5.6	6.7	100.0	100.0	100.0
Male	2,537	2,488	3,060	5.3	5.3	6.5	60.9	62.1	63.7
14 to 19 years	566	472	542	15.5	13.3	15.4	13.6	11.8	11.3
14 and 15 years	65	65	63	8.8	8.3	8.7	1.6	1.6	1.3
16 to 19 years	500	407	479	17.2	14.7	17.2	12.0	10.2	10.0
20 to 24 years	396	381	457	8.8	8.9	10.7	9.5	9.5	9.5
25 to 34 years	444	446	585	4.5	4.5	5.7	10.7	11.1	12.2
35 to 44 years	386	405	507	3.5	3.6	4.6	9.3	10.1	10.6
45 to 54 years	358	381	473	3.6	3.9	4.9	8.6	9.5	9.8
55 to 64 years	289	300	374	4.3	4.6	5.7	6.9	7.5	7.8
65 years and over	97	103	122	4.5	4.6	5.5	2.3	2.6	2.5
Female	1,629	1,519	1,747	6.5	6.2	7.2	39.1	37.9	36.3
14 to 19 years	413	344	379	15.7	13.2	14.8	9.9	8.6	7.9
14 and 15 years	31	31	30	7.6	6.7	7.2	.7	.8	.6
16 to 19 years	383	313	349	17.2	14.6	16.3	9.2	7.8	7.3
20 to 24 years	262	255	265	8.9	9.1	9.8	6.3	6.4	5.5
25 to 34 years	286	267	304	6.9	6.5	7.3	6.9	6.7	6.3
35 to 44 years	287	283	342	5.1	5.2	6.3	6.9	7.1	7.1
45 to 54 years	231	223	278	4.2	4.1	5.1	5.5	5.6	5.8
55 to 64 years	120	111	141	3.6	3.5	4.5	2.9	2.8	2.9
65 years and over	29	37	36	3.2	4.1	3.9	.7	.9	.7

**Table A-3: Unemployed persons, by industry of last job**

Industry	Unemployment rate			Percent distribution		
	1963	1962	1961	1963	1962	1961
Total	5.7	5.6	6.7	100.0	100.0	100.0
Experienced wage and salary workers	5.5	5.5	6.8	82.5	83.9	84.9
Agriculture	8.9	7.3	9.3	3.9	3.3	3.7
Nonagricultural industries	5.4	5.5	6.7	78.5	80.6	81.2
Mining, forestry, fisheries	7.5	8.6	11.6	1.2	1.4	1.6
Construction	11.9	12.0	14.1	11.4	12.1	11.7
Manufacturing	5.7	5.8	7.7	25.6	26.2	28.8
Durable goods	5.4	5.7	8.4	13.8	14.4	17.4
Nondurable goods	6.0	5.9	6.7	11.8	11.8	11.3
Transportation and public utilities	3.9	3.9	5.1	4.3	4.4	4.9
Wholesale and retail trade	6.2	6.3	7.2	16.7	17.1	16.4
Finance, insurance, and real estate	2.7	3.1	3.3	1.9	2.1	1.9
Service industries	4.4	4.3	4.9	15.2	15.3	13.9
Public administration	2.5	2.2	2.7	2.2	1.9	1.9
Self-employed and unpaid family workers	1.1	1.0	1.3	2.7	2.7	2.9
No previous work experience	-	-	-	14.8	13.4	12.2
14 to 19 years	-	-	-	11.7	10.4	(1)
20 years and over	-	-	-	3.1	3.1	(1)

<sup>1</sup> Not available.

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**Table A-4: Unemployed persons, by occupation of last job**

Occupation	Unemployment rate			Percent distribution		
	1963	1962	1961	1963	1962	1961
Total .....	5.7	5.6	6.7	100.0	100.0	100.0
White-collar workers .....	2.8	2.8	3.3	21.2	21.3	20.5
Professional and technical .....	1.8	1.7	2.0	3.7	3.5	3.3
Managers, officials, and proprietors .....	1.5	1.5	1.8	2.6	2.8	2.7
Clerical workers .....	4.0	3.9	4.6	10.4	10.4	9.9
Sales workers .....	4.2	4.1	4.7	4.5	4.6	4.6
Blue-collar workers .....	7.2	7.4	9.2	46.8	48.4	50.3
Craftsmen and foremen .....	4.8	5.1	6.3	10.9	11.5	12.1
Operatives .....	7.4	7.5	9.6	24.1	24.4	26.0
Nonfarm laborers .....	12.1	12.4	14.5	11.8	12.5	12.2
Service workers .....	6.0	6.0	7.0	13.8	14.1	13.6
Private household workers .....	5.2	4.9	5.9	3.0	3.0	3.0
Other service workers .....	6.2	6.4	7.4	10.8	11.1	10.6
Farm workers .....	3.0	2.2	3.0	3.4	2.8	3.3
Farmers and farm managers .....	.5	.3	.4	.3	.2	.2
Farm laborers and foremen .....	5.5	4.3	5.7	3.1	2.6	3.1
No previous work experience .....	-	-	-	14.8	13.4	12.2

**Table A-5: Unemployed persons, by color, marital status, and household relationship**

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	1963	1962	1961	1963	1962	1961	1963	1962	1961
<b>COLOR</b>									
Total .....	4,166	4,007	4,806	5.7	5.6	6.7	100.0	100.0	100.0
White, total .....	3,281	3,129	3,819	5.1	4.9	6.0	78.8	78.1	79.5
Male .....	2,028	1,969	2,450	4.7	4.6	5.7	48.7	49.1	51.0
Female .....	1,253	1,160	1,369	5.8	5.5	6.5	30.1	28.9	28.5
Nonwhite, total .....	885	879	988	10.9	11.0	12.5	21.2	21.9	20.5
Male .....	509	519	610	10.6	11.0	12.9	12.2	12.9	12.7
Female .....	376	360	377	11.3	11.1	11.9	9.0	9.0	7.8
<b>MARITAL STATUS</b>									
Total .....	4,166	4,007	4,806	5.7	5.6	6.7	100.0	100.0	100.0
Male .....	2,537	2,488	3,060	5.3	5.3	6.5	60.9	62.1	63.7
Married, wife present .....	1,235	1,300	1,676	3.4	3.6	4.6	29.6	32.4	34.9
Single .....	1,058	940	1,117	12.4	11.2	13.1	25.4	23.5	23.2
14 to 19 years .....	552	452	521	15.9	13.5	15.8	13.3	11.3	10.8
20 years and over .....	506	489	595	10.0	9.7	11.4	12.1	12.2	12.4
Other marital status .....	243	248	267	9.6	9.9	10.3	5.8	6.2	5.6
Female .....	1,629	1,519	1,747	6.5	6.2	7.2	39.1	37.9	36.3
Married, husband present .....	743	734	859	5.4	5.4	6.4	17.8	18.3	17.9
Single .....	534	459	505	8.9	7.9	8.7	12.8	11.5	10.5
14 to 19 years .....	350	289	320	15.2	12.7	14.2	8.4	7.2	6.7
20 years and over .....	184	170	185	5.0	4.8	5.2	4.4	4.2	3.9
Other marital status .....	353	326	382	6.7	6.4	7.4	8.5	8.1	8.0
<b>HOUSEHOLD RELATIONSHIP</b>									
Total .....	4,166	4,007	4,806	5.7	5.6	6.7	100.0	100.0	100.0
Household head .....	1,645	(1)	(1)	3.7	(1)	(1)	39.5	(1)	(1)
Living with relatives .....	1,382	(1)	(1)	3.5	(1)	(1)	33.2	(1)	(1)
Not living with relatives .....	263	(1)	(1)	5.4	(1)	(1)	6.3	(1)	(1)
Wife of head .....	716	(1)	(1)	5.3	(1)	(1)	17.2	(1)	(1)
Other relative of head .....	1,699	(1)	(1)	12.7	(1)	(1)	40.8	(1)	(1)
Non-relative of head .....	105	(1)	(1)	6.7	(1)	(1)	2.5	(1)	(1)

<sup>1</sup>Not available.

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**Table A-6: Unemployed persons, by duration of unemployment**

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	1963	1962	1961	1963	1962	1961		1963	1962	1961	1963	1962	1961
<b>Total</b> .....	4,166	4,007	4,806	100.0	100.0	100.0	<b>Total</b> .....	4,166	4,007	4,806	100.0	100.0	100.0
Less than 5 weeks .....	1,847	1,754	1,897	44.3	43.8	39.5	Persons on temporary layoff .....	116	121	149	2.8	3.0	3.1
5 to 14 weeks .....	1,231	1,135	1,375	29.5	28.3	28.6							
5 and 6 weeks .....	358	334	377	8.6	8.3	7.8							
7 to 10 weeks .....	519	478	587	12.5	11.9	12.2							
11 to 14 weeks .....	354	323	411	8.5	8.1	8.6	Persons scheduled to begin new jobs within 30 days.	138	125	129	3.3	3.1	2.7
15 weeks and over .....	1,088	1,119	1,532	26.1	27.9	31.9							
15 to 26 weeks .....	535	534	728	12.8	13.3	15.1							
27 weeks and over .....	553	585	804	13.3	14.6	16.7	All other unemployed ...	3,912	3,761	4,528	93.9	93.9	94.2
Average (mean) duration...	14.0	14.7	15.5	-	-	-							

**Table A-7: Long-term unemployed, by industry and occupation of last job**

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	1963	1962	1963	1962	1963	1962	1963	1962	
<b>INDUSTRY</b>									
<b>Total</b> .....	26.1	27.9	100.0	100.0	13.3	14.6	100.0	100.0	100.0
Experienced wage and salary workers .....	26.9	28.6	84.9	86.0	13.5	15.1	84.2	86.3	85.2
Agriculture .....	17.2	16.8	2.6	2.0	5.5	7.6	1.6	1.7	2.5
Nonagricultural industries .....	27.4	29.2	82.3	84.1	13.9	15.4	82.6	84.8	82.7
Mining, forestry, fisheries .....	(1)	38.6	1.5	2.0	(1)	21.1	1.8	2.1	.9
Construction .....	24.6	26.0	10.8	11.2	10.7	10.6	9.2	8.7	5.5
Manufacturing .....	30.5	31.3	29.9	29.4	14.7	16.8	28.4	30.1	25.8
Durable goods .....	33.7	34.1	17.8	17.6	15.8	19.2	16.5	19.0	14.5
Nondurable goods .....	26.7	27.8	12.1	11.7	13.5	13.8	12.0	11.1	11.2
Transportation and public utilities .....	30.6	32.6	5.1	5.2	18.3	20.8	6.0	6.3	6.3
Wholesale and retail trade .....	24.4	29.1	15.6	17.8	12.5	16.0	15.8	18.8	15.4
Finance, insurance, and real estate, and service industries .....	24.6	25.3	16.1	15.8	13.8	13.6	17.8	16.2	23.8
Public administration .....	40.2	38.4	3.4	2.7	21.7	19.2	3.6	2.6	5.0
Self-employed and unpaid family workers .....	28.1	26.9	2.9	2.6	13.2	13.0	2.7	2.4	13.9
No previous work experience .....	21.4	23.7	12.1	11.4	11.7	12.2	13.0	11.3	.8
<b>OCCUPATION</b>									
<b>Total</b> .....	26.1	27.9	100.0	100.0	13.3	14.6	100.0	100.0	100.0
White-collar workers .....	25.8	26.9	20.9	20.5	13.0	15.1	20.8	22.0	42.6
Professional and technical .....	23.1	24.0	3.3	2.9	12.2	12.7	3.4	3.1	11.5
Managers, officials, and proprietors .....	32.4	36.0	3.2	3.6	17.6	20.7	3.4	3.9	10.1
Clerical workers .....	26.6	26.7	10.6	9.9	12.7	14.4	9.9	10.2	14.7
Sales workers .....	22.2	25.0	3.9	4.1	11.6	14.9	4.0	4.8	6.2
Blue-collar workers .....	28.6	30.0	51.1	51.9	14.1	15.3	49.7	50.4	36.9
Craftsmen and foremen .....	27.3	29.9	11.4	12.3	13.0	13.9	10.7	10.9	12.9
Operatives .....	28.8	29.1	26.5	25.4	14.1	15.5	25.7	25.7	18.5
Nonfarm laborers .....	29.3	31.6	13.2	14.2	15.1	16.1	13.4	13.8	5.5
Service workers .....	25.4	28.8	13.4	14.6	13.9	15.5	14.5	15.0	13.2
Private household workers .....	22.0	25.0	2.6	2.7	11.0	13.3	2.5	2.7	3.3
Other service workers .....	26.3	29.9	10.8	11.9	14.7	16.2	11.9	12.3	9.8
Farm workers .....	18.4	16.4	2.4	1.6	7.8	7.3	2.0	1.4	6.5
Farmers and farm managers .....	(1)	(1)	.4	.1	(1)	(1)	.5	.2	3.3
Farm laborers and foremen .....	16.9	16.3	2.0	1.5	6.2	6.7	1.4	1.2	3.2
No previous work experience .....	21.4	23.7	12.1	11.4	11.7	12.2	13.0	11.3	.8

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

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**Table A-8: Long-term unemployed by sex, age, color, and marital status**

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	1963	1962	1963	1962	1963	1962	1963	1962	
<b>AGE</b>									
Total.....	26.1	27.9	100.0	100.0	13.3	14.6	100.0	100.0	100.0
Male.....	28.2	30.4	65.7	67.4	15.1	16.5	69.1	69.8	65.6
14 to 19 years.....	18.7	19.1	9.7	8.1	8.8	8.9	9.0	7.2	5.0
20 to 24 years.....	22.2	24.7	8.1	8.4	10.9	11.8	7.8	7.7	6.2
25 to 44 years.....	27.8	29.3	21.2	22.2	13.6	15.9	20.4	23.0	28.9
45 years and over.....	39.1	41.0	26.7	28.8	23.8	23.8	31.9	31.9	25.6
Female.....	22.9	24.0	34.3	32.6	10.4	11.6	30.9	30.2	34.4
14 to 19 years.....	14.8	16.0	5.6	4.9	5.8	7.3	4.3	4.3	3.6
20 to 24 years.....	17.9	18.8	4.3	4.2	8.4	8.6	4.0	3.7	4.1
25 to 44 years.....	25.0	26.3	13.2	13.0	11.0	12.5	11.4	11.8	13.4
45 years and over.....	31.9	31.6	11.1	10.5	16.4	16.8	11.2	10.5	13.3
<b>COLOR</b>									
Total.....	26.1	27.9	100.0	100.0	13.3	14.6	100.0	100.0	100.0
White, total.....	24.5	26.5	74.0	74.1	12.1	13.4	71.8	71.6	88.9
Male.....	26.5	28.8	49.4	50.7	13.9	15.0	50.8	50.4	59.0
Female.....	21.4	22.6	24.6	23.4	9.3	10.7	21.0	21.2	29.9
Nonwhite, total.....	32.0	33.0	26.0	25.9	17.6	18.9	28.2	28.4	11.1
Male.....	35.0	36.1	16.4	16.7	20.0	21.8	18.4	19.3	6.6
Female.....	27.9	28.6	9.7	9.2	14.4	14.7	9.8	9.1	4.5
<b>MARITAL STATUS</b>									
Total.....	26.1	27.9	100.0	100.0	13.3	14.6	100.0	100.0	100.0
Male.....	28.2	30.4	65.7	67.4	15.1	16.5	69.1	69.8	65.6
Married, wife present.....	29.9	31.8	33.9	37.0	15.4	17.0	34.4	37.8	50.4
Single.....	24.3	25.4	23.6	21.3	12.8	13.4	24.4	21.5	11.7
14 to 19 years.....	18.8	19.0	9.6	7.7	8.9	8.8	8.9	6.8	4.8
20 years and over.....	30.2	31.3	14.0	13.7	17.0	17.6	15.6	14.7	6.9
Other marital status.....	36.6	41.1	8.2	9.1	23.5	24.6	10.3	10.4	3.5
Female.....	22.9	24.0	34.3	32.6	10.4	11.6	30.9	30.2	34.4
Married, husband present.....	23.1	24.1	15.8	15.8	9.7	11.2	13.0	14.0	18.9
Single.....	18.5	20.7	9.2	8.5	8.6	10.0	8.5	8.0	8.2
14 to 19 years.....	15.1	16.3	4.9	4.2	6.0	6.9	3.8	3.4	3.2
20 years and over.....	25.5	28.2	4.3	4.3	14.1	15.9	4.7	4.6	5.1
Other marital status.....	29.0	28.5	9.4	8.3	14.8	14.7	9.4	8.2	7.3

**Table A-9: Unemployed persons looking for full- or part-time work, by age, sex, and occupation of last job**

Age and sex	Percent distribution		Looking for part-time work as a percent of unemployed in each group		Occupation	Percent distribution		Looking for part-time work as a percent of unemployed in each group	
	Looking for full-time work	Looking for part-time work				Looking for full-time work	Looking for part-time work		
	1963	1963	1963	1962 <sup>1</sup>		1963	1963	1963	1962 <sup>1</sup>
Total.....	100.0	100.0	15.1	-	Total.....	100.0	100.0	15.1	-
Male.....	62.8	50.0	12.5	-	White-collar workers.....	21.2	21.7	15.4	-
14 to 19 years.....	10.3	32.5	35.9	-	Professional and technical.....	3.8	3.0	12.3	-
Major activity:					Managers, officials, and proprietors.....	2.8	1.1	6.5	-
Going to school.....	1.5	24.1	74.6	-	Clerical workers.....	10.3	11.1	16.1	-
All other.....	8.9	8.5	14.7	-	Sales workers.....	4.2	6.5	21.5	-
20 to 24 years.....	10.3	4.9	7.8	-	Blue-collar workers.....	51.3	21.2	6.9	-
25 to 34 years.....	32.8	4.4	2.4	-	Craftsmen and foremen.....	12.0	3.6	5.1	-
35 years and over.....	9.4	8.2	13.5	-	Operatives.....	26.5	11.7	7.3	-
Female.....	37.2	50.0	19.3	-	Nonfarm laborers.....	12.8	5.9	7.5	-
14 to 19 years.....	8.0	20.6	31.3	-	Service workers.....	13.7	14.4	15.8	-
Major activity:					Private household workers.....	2.7	4.9	24.4	-
Going to school.....	1.2	13.5	67.2	-	Other service workers.....	11.0	9.5	13.4	-
All other.....	6.9	7.1	15.6	-	Farm workers.....	3.1	4.6	21.0	-
20 to 24 years.....	6.4	5.3	13.0	-	Farmers and farm managers.....	.3	.3	(2)	-
25 to 34 years.....	19.4	19.2	15.0	-	Farm laborers and foremen.....	2.8	4.3	21.3	-
35 years and over.....	3.3	4.9	20.9	-	No previous work experience.....	10.7	38.1	38.8	-

<sup>1</sup>Not available.

<sup>2</sup>Percent not shown where base is less than 50,000.

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Table A-10: Total labor force, by age and sex

Age and sex	Thousands of persons			Labor force participation rate		
	1963	1962	1961	1963	1962	1961
<b>Total</b> . . . . .	75,712	74,681	74,175	57.3	57.4	58.0
<b>Male</b> . . . . .	50,573	50,175	49,918	78.8	79.3	80.3
14 to 19 years . . . . .	4,142	4,032	3,954	43.5	43.6	44.6
14 and 15 years . . . . .	738	780	725	20.9	21.6	21.8
16 and 17 years . . . . .	1,372	1,225	1,271	42.7	43.5	45.4
18 and 19 years . . . . .	2,034	2,027	1,958	73.1	71.9	71.3
20 to 24 years . . . . .	5,471	5,272	5,187	88.3	89.1	89.8
25 to 34 years . . . . .	10,635	10,720	10,881	97.3	97.4	97.6
35 to 44 years . . . . .	11,589	11,542	11,403	97.6	97.7	97.7
45 to 54 years . . . . .	9,923	9,804	9,740	95.8	95.6	95.6
55 to 64 years . . . . .	6,679	6,565	6,535	86.2	86.2	87.3
55 to 59 years . . . . .	3,865	3,796	3,732	91.3	91.1	91.8
60 to 64 years . . . . .	2,814	2,769	2,803	80.1	80.3	81.9
65 years and over . . . . .	2,135	2,241	2,219	28.4	30.3	31.7
<b>Female</b> . . . . .	25,141	24,507	24,257	37.0	36.7	36.9
14 to 19 years . . . . .	2,643	2,612	2,567	28.4	29.0	29.9
14 and 15 years . . . . .	405	460	419	11.8	13.2	13.1
16 and 17 years . . . . .	850	741	774	27.1	27.1	28.5
18 and 19 years . . . . .	1,388	1,411	1,374	50.6	50.9	51.1
20 to 24 years . . . . .	2,970	2,814	2,708	47.6	47.4	47.1
25 to 34 years . . . . .	4,181	4,111	4,151	37.2	36.4	36.4
35 to 44 years . . . . .	5,604	5,479	5,395	44.9	44.1	43.8
45 to 54 years . . . . .	5,505	5,383	5,405	50.6	50.0	50.1
55 to 64 years . . . . .	3,332	3,198	3,105	39.7	38.7	37.9
55 to 59 years . . . . .	2,054	1,977	1,910	45.6	44.6	43.7
60 to 64 years . . . . .	1,278	1,221	1,195	32.9	31.9	31.3
65 years and over . . . . .	905	911	926	9.6	9.9	10.7

Table A-11: Employed persons, by age and sex

Age and sex	(In thousands)					
	Male			Female		
	1963	1962	1961	1963	1962	1961
<b>All industries</b> . . . . .	45,330	44,892	44,318	23,479	22,954	22,478
14 to 19 years . . . . .	3,079	3,077	2,976	2,223	2,262	2,181
20 to 24 years . . . . .	4,118	3,898	3,798	2,697	2,548	2,433
25 to 34 years . . . . .	9,431	9,475	9,591	3,888	3,836	3,838
35 to 44 years . . . . .	10,801	10,711	10,505	5,313	5,190	5,047
45 to 54 years . . . . .	9,479	9,333	9,194	5,272	5,158	5,124
55 to 64 years . . . . .	6,385	6,260	6,156	3,211	3,086	2,964
65 years and over . . . . .	2,039	2,137	2,098	877	875	889
<b>Nonagricultural industries</b> . . . . .	41,309	40,626	39,811	22,554	22,031	21,523
14 to 19 years . . . . .	2,486	2,467	2,317	2,096	2,143	2,049
20 to 24 years . . . . .	3,834	3,605	3,469	2,638	2,498	2,367
25 to 34 years . . . . .	8,917	8,915	8,983	3,746	3,694	3,703
35 to 44 years . . . . .	10,107	9,980	9,746	5,128	4,998	4,860
45 to 54 years . . . . .	8,732	8,490	8,322	5,073	4,947	4,901
55 to 64 years . . . . .	5,666	5,532	5,383	3,055	2,931	2,814
65 years and over . . . . .	1,568	1,637	1,588	817	820	828
<b>Agriculture</b> . . . . .	4,021	4,266	4,508	925	924	955
14 to 19 years . . . . .	593	610	658	127	119	132
20 to 24 years . . . . .	284	293	329	59	50	65
25 to 34 years . . . . .	513	560	608	141	142	136
35 to 44 years . . . . .	694	731	758	186	193	187
45 to 54 years . . . . .	747	843	872	198	211	223
55 to 64 years . . . . .	719	727	773	155	156	150
65 years and over . . . . .	470	501	510	59	56	61

Table A-12: Employed persons, by class of worker and occupation

Characteristics	(In thousands)								
	Total			Male			Female		
	1963	1962	1961	1963	1962	1961	1963	1962	1961
<b>CLASS OF WORKER</b>									
<b>Total</b> . . . . .	68,809	67,846	66,796	45,330	44,892	44,318	23,479	22,954	22,478
Nonagricultural industries . . . . .	63,863	62,657	61,333	41,309	40,626	39,811	22,554	22,031	21,523
Wage and salary workers . . . . .	57,081	55,762	54,284	36,412	35,648	34,724	20,669	20,113	19,560
Private household workers . . . . .	2,583	2,626	2,594	329	337	325	2,254	2,289	2,269
Government workers . . . . .	9,093	8,703	8,186	5,456	5,281	4,954	3,636	3,422	3,231
Other wage and salary workers . . . . .	45,405	44,433	43,505	30,627	30,030	29,445	14,779	14,402	14,059
Self-employed workers . . . . .	6,195	6,271	6,388	4,816	4,887	4,987	1,379	1,385	1,401
Unpaid family workers . . . . .	587	623	662	81	90	99	506	532	562
Agriculture . . . . .	4,946	5,190	5,463	4,021	4,266	4,508	925	924	955
Wage and salary workers . . . . .	1,676	1,666	1,733	1,375	1,395	1,455	300	271	279
Self-employed workers . . . . .	2,437	2,619	2,744	2,301	2,483	2,611	136	136	133
Unpaid family workers . . . . .	834	905	985	345	388	442	489	517	543
<b>OCCUPATION</b>									
<b>Total</b> . . . . .	68,809	67,846	66,796	45,330	44,892	44,318	23,479	22,954	22,478
White-collar workers . . . . .	30,182	29,901	29,124	17,261	17,241	16,815	12,920	12,659	12,309
Professional and technical . . . . .	8,263	8,040	7,705	5,311	5,175	4,955	2,951	2,865	2,750
Managers, officials, and proprietors . . . . .	7,293	7,408	7,119	6,180	6,276	6,003	1,113	1,132	1,116
Clerical workers . . . . .	10,270	10,107	9,861	3,128	3,144	3,120	7,142	6,963	6,741
Sales workers . . . . .	4,356	4,346	4,439	2,642	2,646	2,737	1,714	1,699	1,702
Blue-collar workers . . . . .	24,982	24,278	23,862	21,151	20,588	20,245	3,831	3,690	3,618
Craftsmen and foremen . . . . .	8,924	8,678	8,623	8,683	8,455	8,407	241	223	216
Operatives . . . . .	12,507	12,041	11,762	9,011	8,664	8,441	3,496	3,377	3,322
Nonfarm laborers . . . . .	3,551	3,559	3,477	3,457	3,469	3,397	94	90	80
Service workers . . . . .	9,032	8,802	8,640	3,165	3,059	2,992	5,867	5,743	5,648
Private household workers . . . . .	2,306	2,341	2,317	60	60	62	2,246	2,281	2,255
Other service workers . . . . .	6,726	6,461	6,323	3,105	2,999	2,930	3,621	3,462	3,393
Farm workers . . . . .	4,615	4,866	5,170	3,751	4,003	4,266	864	863	904
Farmers and farm managers . . . . .	2,396	2,595	2,711	2,265	2,463	2,581	131	132	130
Farm laborers and foremen . . . . .	2,219	2,271	2,459	1,486	1,540	1,685	733	731	774

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**Table A-13: Employed persons, by hours worked**

(In thousands)

Hours worked	All industries			Nonagricultural industries			Agriculture		
	1963	1962	1961	1963	1962	1961	1963	1962	1961
Total .....	68,809	67,846	66,796	63,863	62,657	61,333	4,946	5,190	5,463
With a job but not at work .....	3,501	3,281	3,146	3,327	3,103	2,946	174	178	200
At work .....	65,308	64,565	63,651	60,536	59,553	58,388	4,772	5,012	5,262
1-34 hours .....	13,412	13,285	12,853	11,856	11,675	11,132	1,556	1,611	1,722
1-4 hours .....	920	947	912	855	879	839	64	68	72
5-14 hours .....	3,341	3,260	3,174	2,972	2,875	2,770	368	387	403
15-34 hours .....	9,151	9,079	8,767	8,028	7,922	7,522	1,124	1,157	1,245
35 hours or more .....	51,896	51,279	50,797	48,679	47,878	47,257	3,216	3,402	3,540
35-40 hours .....	30,138	29,600	29,846	29,422	28,853	29,047	715	746	799
41 hours and over .....	21,758	21,679	20,951	19,257	19,025	18,210	2,501	2,656	2,741
Average hours, total at work .....	40.4	40.5	40.5	40.1	40.1	40.1	45.0	45.4	44.8

**Table A-14: Employed persons, by full- or part-time status**

(In thousands)

Full- or part-time status	All industries			Nonagricultural industries		
	1963	1962	1961	1963	1962	1961
Total .....	68,809	67,846	66,796	63,863	62,657	61,333
With a job but not at work .....	3,501	3,281	3,146	3,327	3,103	2,946
At work .....	65,308	64,565	63,651	60,536	59,553	58,388
On full-time schedules .....	54,941	54,377	53,387	51,439	50,619	49,427
35 hours or more .....	51,896	51,279	50,797	48,679	47,878	47,257
1-34 hours for noneconomic reasons .....	3,045	3,097	2,590	2,760	2,741	2,170
Bad weather .....	472	754	690	314	519	405
Industrial dispute .....	21	20	19	21	20	18
Vacation .....	290	288	265	279	277	255
Illness .....	765	737	689	722	695	645
Holiday .....	808	696	321	806	696	320
All other reasons .....	689	602	606	618	534	527
On part time for economic reasons .....	2,620	2,661	3,142	2,288	2,336	2,813
Usually work full time .....	1,227	1,181	1,429	1,069	1,049	1,297
Average hours .....	23.4	23.4	24.0	23.6	23.6	24.2
Usually work part time .....	1,393	1,480	1,713	1,219	1,287	1,516
Average hours .....	17.6	17.3	18.0	17.5	17.3	18.1
On part time for noneconomic reasons; usually work part time .....	7,746	7,527	7,121	6,808	6,597	6,148

**Table A-15: Employed persons with a job, but not at work, by reason not working and pay status**

(In thousands)

Reason not working	All industries			Nonagricultural industries								
	1963	1962	1961	Total			Wage and salary workers					
				1963	1962	1961	Number			Percent paid		
				1963	1962	1961	1963	1962	1961	1963	1962	1961
Total .....	3,501	3,281	3,146	3,327	3,103	2,946	2,928	2,735	2,583	55.2	56.4	56.8
Bad weather .....	106	160	143	75	117	83	45	80	53	(1)	10.0	1.9
Industrial dispute .....	41	33	56	41	33	56	41	33	56	-	-	-
Vacation .....	1,655	1,533	1,492	1,632	1,508	1,469	1,541	1,421	1,370	78.5	80.1	81.4
Illness .....	1,000	940	898	936	879	835	820	772	717	36.3	36.9	35.1
All other reasons .....	698	615	556	642	566	504	483	430	386	22.2	25.8	25.4

<sup>1</sup> Percent not shown where base is less than 50,000.

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Table A-16: Employment status of the noninstitutional population, by age and sex

1963

(In thousands)

Age, sex, and color	Total labor force		Civilian labor force						Not in labor force				
	Number	Percent of population	Total	Employed			Unemployed		Total	Keeping house	In school	Unable to work	Other
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force					
Male . . . . .	50,573	78.8	47,867	45,330	4,021	41,309	2,537	5.3	13,590	136	5,077	1,119	7,258
14 and 15 years . . . . .	738	20.9	738	673	212	460	65	8.8	2,798	8	2,273	4	513
16 and 17 years . . . . .	1,372	42.7	1,321	1,073	233	840	248	18.8	1,842	5	1,518	3	315
18 and 19 years . . . . .	2,034	73.1	1,586	1,333	148	1,186	252	15.9	748	1	617	3	127
20 to 24 years . . . . .	5,471	88.3	4,514	4,118	284	3,834	396	8.8	727	3	549	28	146
25 to 29 years . . . . .	5,200	96.7	4,772	4,513	240	4,272	259	5.4	176	-	80	26	71
30 to 34 years . . . . .	5,435	97.9	5,103	4,918	273	4,645	185	3.6	114	3	18	34	59
35 to 39 years . . . . .	5,838	97.7	5,608	5,423	337	5,086	185	3.3	136	6	14	41	76
40 to 44 years . . . . .	5,751	97.4	5,579	5,378	357	5,021	201	3.6	153	2	4	55	91
45 to 49 years . . . . .	5,236	96.5	5,170	4,993	361	4,632	177	3.4	190	7	3	71	108
50 to 54 years . . . . .	4,687	95.0	4,666	4,486	386	4,100	181	3.9	249	5	1	89	154
55 to 59 years . . . . .	3,865	91.3	3,861	3,697	383	3,314	164	4.2	367	8	1	115	243
60 to 64 years . . . . .	2,814	80.1	2,813	2,688	336	2,352	125	4.5	699	11	-	120	568
65 to 69 years . . . . .	1,151	40.9	1,151	1,086	217	869	66	5.7	1,659	18	-	135	1,506
70 years and over . . . . .	984	20.9	984	953	253	699	31	3.2	3,732	59	-	392	3,280
White . . . . .	45,559	79.1	43,065	41,037	3,494	37,543	2,028	4.7	12,057	123	4,466	924	6,544
Nonwhite . . . . .	5,013	76.6	4,802	4,293	527	3,766	509	10.6	1,533	13	611	195	714
Female . . . . .	25,141	37.0	25,109	23,479	925	22,554	1,629	6.5	42,822	35,185	5,021	701	1,914
14 and 15 years . . . . .	405	11.8	405	374	47	327	31	7.6	3,031	105	2,350	2	574
16 and 17 years . . . . .	850	27.1	850	678	44	634	172	20.3	2,289	264	1,663	7	355
18 and 19 years . . . . .	1,388	50.6	1,381	1,171	36	1,135	211	15.2	1,355	603	620	7	125
20 to 24 years . . . . .	2,970	47.6	2,959	2,697	59	2,638	262	8.9	3,265	2,825	319	24	97
25 to 29 years . . . . .	2,060	37.4	2,056	1,906	62	1,844	150	7.3	3,449	3,381	15	14	38
30 to 34 years . . . . .	2,121	37.0	2,118	1,982	79	1,902	136	6.4	3,613	3,548	15	17	32
35 to 39 years . . . . .	2,630	42.1	2,628	2,481	88	2,394	147	5.6	3,623	3,552	15	16	39
40 to 44 years . . . . .	2,974	47.8	2,972	2,832	98	2,734	140	4.7	3,249	3,172	14	20	43
45 to 49 years . . . . .	2,868	50.4	2,867	2,734	97	2,637	133	4.6	2,819	2,754	4	19	43
50 to 54 years . . . . .	2,637	50.9	2,636	2,538	101	2,436	98	3.7	2,549	2,482	6	25	36
55 to 59 years . . . . .	2,054	45.6	2,054	1,981	93	1,888	72	3.5	2,455	2,380	1	32	43
60 to 64 years . . . . .	1,278	32.9	1,278	1,230	62	1,167	48	3.7	2,612	2,505	-	44	62
65 to 69 years . . . . .	549	16.5	549	531	31	500	18	3.3	2,775	2,631	1	50	93
70 years and over . . . . .	356	5.8	356	346	28	317	11	3.0	5,739	4,982	1	423	333
White . . . . .	21,821	36.0	21,791	20,538	703	19,834	1,253	5.8	38,868	32,231	4,382	582	1,673
Nonwhite . . . . .	3,320	45.6	3,318	2,941	221	2,720	376	11.3	3,954	2,955	640	118	241

Table A-17: Nonagricultural wage and salary workers, by full- or part-time status, hours of work, and industry

1963

(Percent distribution)

Industry	Full- or part-time status						Hours of work				
	Total at work	On full-time schedules	On part-time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over	
			Economic reasons		Other reasons						
			Usually work full time	Usually work part time							Usually work part time
Total <sup>1</sup> . . . . .	100.0	85.4	1.7	2.1	10.8	100.0	19.2	51.8	14.9	14.0	
Construction . . . . .	100.0	88.7	4.9	2.9	3.5	100.0	20.6	52.7	14.5	12.2	
Manufacturing . . . . .	100.0	93.6	2.5	.8	3.1	100.0	11.2	61.7	15.8	11.3	
Durable goods . . . . .	100.0	96.3	1.8	.5	1.4	100.0	8.7	64.4	15.9	11.0	
Nondurable goods . . . . .	100.0	90.1	3.4	1.2	5.3	100.0	14.4	58.3	15.7	11.6	
Transportation and public utilities . . . . .	100.0	93.5	1.5	1.2	3.8	100.0	10.8	61.7	13.1	14.4	
Wholesale and retail trade . . . . .	100.0	78.4	1.3	2.7	17.6	100.0	24.0	37.2	19.2	19.6	
Finance, insurance, and real estate . . . . .	100.0	90.6	.6	.6	8.1	100.0	14.4	61.4	10.9	13.2	
Service industries . . . . .	100.0	72.9	1.0	4.0	22.2	100.0	31.2	41.7	13.0	14.2	

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



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**Table A-18: Persons at work in nonfarm occupations by full- or part-time status, hours of work, and occupation**

1963  
(Percent distribution)

Occupation	Full or part-time status						Hours of work					
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over	Average hours, total at work
				Economic reasons		Other reasons						
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time							
White-collar workers . . . . .	28,508	100.0	87.5	.6	.8	11.1	100.0	16.8	48.9	13.6	20.7	41.5
Professional and technical . . . . .	7,643	100.0	90.0	.4	.4	9.2	100.0	15.2	50.0	13.6	21.2	41.9
Managers, officials, and proprietors . . . . .	6,943	100.0	95.1	.7	.3	3.8	100.0	8.1	32.0	17.6	42.2	49.1
Clerical workers . . . . .	9,795	100.0	86.3	.7	.8	12.3	100.0	18.8	66.0	10.0	5.3	37.5
Sales workers . . . . .	4,127	100.0	73.0	.7	1.9	24.3	100.0	29.7	34.7	15.0	20.5	37.5
Blue-collar workers . . . . .	23,715	100.0	89.0	3.4	2.2	5.4	100.0	16.5	52.9	16.7	13.9	40.3
Craftsmen and foremen . . . . .	8,474	100.0	94.0	2.4	1.3	2.4	100.0	11.7	54.1	18.6	15.7	41.8
Operatives . . . . .	11,868	100.0	89.7	3.7	1.7	4.9	100.0	15.5	54.0	16.4	14.1	40.8
Nonfarm laborers . . . . .	3,373	100.0	74.4	4.5	6.6	14.5	100.0	31.8	46.4	12.6	9.2	35.0
Service workers . . . . .	8,632	100.0	65.2	1.2	5.7	27.8	100.0	37.7	34.8	13.5	13.9	34.8
Private household workers . . . . .	2,231	100.0	36.9	1.0	12.1	49.9	100.0	65.2	18.1	7.4	9.2	24.6
Other service workers . . . . .	6,401	100.0	75.0	1.3	3.4	20.1	100.0	28.0	40.6	15.7	15.5	38.3

**Table A-19: Occupation group of employed persons, by sex and color**

1963

Occupation	Thousands			Percent distribution								
	Total	Male	Female	Total	Male	Female	White			Nonwhite		
							Total	Male	Female	Total	Male	Female
Total . . . . .	68,809	45,330	23,479	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers . . . . .	30,182	17,261	12,920	43.9	38.1	55.0	46.9	40.5	59.9	17.7	15.4	21.1
Professional and technical . . . . .	8,263	5,311	2,951	12.0	11.7	12.6	12.7	12.4	13.3	6.0	4.8	7.7
Medical and other health . . . . .	1,351	566	784	2.0	1.2	3.3	2.1	1.3	3.6	1.0	.7	1.6
Teachers, except college . . . . .	1,817	532	1,285	2.6	1.2	5.5	2.7	1.2	5.6	2.4	1.0	4.5
Other professional and technical . . . . .	5,095	4,213	882	7.4	9.3	3.8	8.0	9.9	4.1	2.5	3.1	1.6
Managers, officials, and proprietors . . . . .	7,293	6,180	1,113	10.6	13.6	4.7	11.5	14.7	5.2	2.7	3.4	1.5
Salaries workers . . . . .	4,148	3,583	643	6.0	7.7	2.7	6.6	8.4	3.1	1.0	1.4	.5
Self-employed workers in retail trade . . . . .	1,441	1,140	301	2.1	2.5	1.3	2.2	2.7	1.4	.8	.9	.7
Self-employed workers, except retail trade . . . . .	1,704	1,535	169	2.5	3.4	.7	2.7	3.6	.8	.8	1.1	.2
Clerical workers . . . . .	10,270	3,128	7,142	14.9	6.9	30.4	15.8	7.1	33.3	7.2	5.2	10.2
Stenographers, typists, and secretaries . . . . .	2,631	61	2,570	3.8	.1	10.9	4.1	.1	12.1	1.3	.2	3.0
Other clerical workers . . . . .	7,639	3,067	4,572	11.1	6.8	19.5	11.7	6.9	21.2	5.9	5.1	7.2
Sales workers . . . . .	4,356	2,642	1,714	6.3	5.8	7.3	6.9	6.2	8.1	1.8	1.9	1.7
Retail trade . . . . .	2,582	1,062	1,520	3.8	2.3	6.5	4.1	2.5	7.2	1.2	1.0	1.5
Other sales workers . . . . .	1,774	1,580	194	2.6	3.5	.8	2.8	3.8	.9	.6	.9	.3
Blue-collar workers . . . . .	24,982	21,151	3,831	36.3	46.7	16.3	35.9	45.6	16.5	39.7	56.9	14.7
Craftsmen, foremen . . . . .	8,924	8,683	241	13.0	19.2	1.0	13.7	20.1	1.1	6.5	10.6	.5
Carpenters . . . . .	814	811	3	1.2	1.8	(1)	1.2	1.9	(1)	.6	1.1	-
Construction craftsmen, except carpenters . . . . .	1,796	1,783	14	2.6	3.9	.1	2.7	4.0	.1	1.7	2.9	(1)
Mechanics and repairmen . . . . .	2,206	2,189	17	3.2	4.8	.1	3.3	5.0	.1	2.0	3.4	(1)
Metal craftsmen, except mechanics . . . . .	1,079	1,068	11	1.6	2.4	(1)	1.7	2.5	.1	.6	.9	-
Other craftsmen and kindred workers . . . . .	1,786	1,669	116	2.6	3.7	.5	2.8	3.9	.5	1.1	1.7	.3
Foremen, not elsewhere classified . . . . .	1,243	1,163	80	1.8	2.6	.3	2.0	2.8	.4	.4	.6	.2
Operatives . . . . .	12,507	9,011	3,496	18.2	19.9	14.9	17.9	19.3	15.1	20.4	25.1	13.5
Drivers and deliverymen . . . . .	2,446	2,401	45	3.6	5.3	.2	3.4	5.1	.2	4.6	7.6	.1
Other operatives . . . . .	10,061	6,610	3,451	14.6	14.6	14.7	14.5	14.3	14.9	15.8	17.4	13.4
Durable goods manufacturing . . . . .	3,862	2,914	948	5.6	6.4	4.0	5.7	6.4	4.3	5.1	7.1	2.2
Nondurable goods manufacturing . . . . .	3,462	1,641	1,821	5.0	3.6	7.8	5.1	3.6	8.1	4.6	4.1	5.3
Other industries . . . . .	2,737	2,055	682	4.0	4.5	2.9	3.7	4.4	2.5	6.1	6.2	5.9
Nonfarm laborers . . . . .	3,551	3,457	94	5.2	7.6	.4	4.3	6.2	.4	12.9	21.2	.7
Construction . . . . .	730	727	3	1.1	1.6	(1)	.9	1.3	(1)	2.8	4.8	-
Manufacturing . . . . .	1,003	960	43	1.5	2.1	.2	1.2	1.7	.2	3.5	5.8	.2
Other industries . . . . .	1,818	1,770	48	2.6	3.9	.2	2.2	3.2	.2	6.5	10.7	.5
Service workers . . . . .	9,032	3,165	5,867	13.1	7.0	25.0	10.8	6.0	20.4	32.8	16.4	56.8
Private household workers . . . . .	2,306	60	2,246	3.4	.1	9.6	2.1	.1	6.0	14.3	.5	34.5
Service workers, except private household . . . . .	6,726	3,105	3,621	9.8	6.9	15.4	8.7	5.9	14.4	18.5	16.0	22.3
Protective service workers . . . . .	846	806	40	1.2	1.8	.2	1.3	1.9	.2	.6	.9	.1
Waiters, cooks, and bartenders . . . . .	1,866	514	1,353	2.7	1.1	5.8	2.6	.9	5.9	3.6	2.9	4.7
Other service workers . . . . .	4,914	1,785	3,128	5.8	3.9	9.5	4.8	3.1	8.4	14.3	12.1	17.4
Farm workers . . . . .	4,615	3,751	864	6.7	8.3	3.7	6.4	8.0	3.1	9.7	11.3	7.4
Farmers and farm managers . . . . .	2,396	2,265	131	3.5	5.0	.6	3.6	5.2	.5	2.3	3.4	.7
Farm laborers and foremen . . . . .	2,219	1,486	733	3.2	3.3	3.1	2.7	2.8	2.6	7.4	7.9	6.7
Paid workers . . . . .	1,397	1,143	254	2.0	2.5	1.1	1.6	2.1	.6	6.0	7.0	4.7
Unpaid family workers . . . . .	822	343	479	1.2	.8	2.0	1.2	.7	2.0	1.4	.9	2.0

<sup>1</sup> Less than 0.05 percent.

**Table A-20: Persons at work in nonagricultural industries, by full-time and part-time status, hours of work, and selected characteristics**

1963

Characteristics	(Percent distribution)										
	Full or part-time status						Hours of work				
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 hours and over	Average hours, total at work
	Thousands	Percent		Economic reasons		Other reasons					
			Usually work full time	Usually work part time	Usually work part time						
<b>AGE AND SEX</b>											
Total .....	60,536	100.0	85.0	1.8	2.0	11.2	100.0	19.6	48.6	31.8	40.1
Male .....	39,404	100.0	90.9	1.7	1.5	5.9	100.0	13.6	47.1	39.3	42.7
14 to 17 years .....	1,264	100.0	19.4	1.1	7.3	72.3	100.0	81.8	11.4	6.9	17.6
18 and 19 years .....	1,159	100.0	67.5	3.2	5.2	24.0	100.0	35.9	39.7	24.3	34.9
20 to 24 years .....	3,711	100.0	89.0	2.3	1.9	6.8	100.0	15.4	47.8	36.8	41.5
25 to 34 years .....	8,576	100.0	96.2	1.6	.8	1.3	100.0	8.2	48.4	43.3	44.7
35 to 44 years .....	9,689	100.0	96.8	1.5	.8	.9	100.0	7.7	48.2	44.1	45.0
45 to 64 years .....	13,566	100.0	95.1	1.7	1.3	2.0	100.0	9.9	50.5	39.7	44.0
65 years and over .....	1,439	100.0	66.2	1.4	2.8	29.6	100.0	37.5	36.3	26.2	35.3
Female .....	21,132	100.0	73.9	1.9	3.0	21.2	100.0	30.8	51.3	17.9	35.2
14 to 17 years .....	941	100.0	17.2	.9	5.9	75.9	100.0	83.9	11.2	4.8	15.4
18 and 19 years .....	1,098	100.0	72.7	2.6	3.9	20.9	100.0	32.1	56.3	11.7	33.4
20 to 24 years .....	2,495	100.0	83.5	1.9	2.6	12.0	100.0	21.1	63.5	15.4	36.9
25 to 34 years .....	3,479	100.0	77.3	2.0	2.5	18.2	100.0	28.1	54.8	17.1	35.7
35 to 44 years .....	4,790	100.0	75.5	2.1	2.6	19.7	100.0	29.5	52.8	17.6	35.8
45 to 64 years .....	7,573	100.0	77.7	1.7	3.0	17.6	100.0	27.2	51.3	21.5	37.1
65 years and over .....	758	100.0	52.4	1.3	3.9	42.4	100.0	50.3	29.6	20.1	31.3
<b>MARITAL STATUS AND SEX</b>											
Male: Single .....	6,210	100.0	70.2	2.2	4.1	23.5	100.0	33.5	43.2	23.3	34.7
Married, wife present .....	31,262	100.0	95.2	1.5	.9	2.4	100.0	9.4	47.9	42.7	44.4
Other .....	1,932	100.0	87.5	2.6	3.6	6.3	100.0	17.5	47.7	34.8	41.6
Female: Single .....	5,035	100.0	72.0	1.3	3.1	23.5	100.0	32.0	53.4	14.5	33.2
Married, husband present .....	11,569	100.0	72.8	2.1	2.4	22.6	100.0	32.0	50.7	17.2	35.2
Other .....	4,528	100.0	79.0	1.8	4.3	15.0	100.0	26.1	50.6	23.4	37.5
<b>COLOR AND SEX</b>											
White .....	54,402	100.0	85.7	1.6	1.5	11.2	100.0	18.8	48.6	32.6	40.4
Male .....	35,817	100.0	91.3	1.6	1.2	6.0	100.0	13.2	46.6	40.3	43.0
Female .....	18,583	100.0	74.9	1.8	2.1	21.2	100.0	29.9	52.3	17.8	35.4
Nonwhite .....	6,135	100.0	78.8	2.9	6.7	11.7	100.0	26.2	49.1	24.8	37.5
Male .....	3,586	100.0	86.6	3.3	4.8	5.3	100.0	18.5	52.1	29.4	39.9
Female .....	2,549	100.0	67.7	2.3	9.5	20.6	100.0	37.0	44.8	18.3	34.0

**Table A-21: Persons at work, by hours of work, and class of worker**

1963

Hours of work	(Percent distribution)											
	Total	Agriculture				Nonagricultural industries						
		Total	Wage and salary workers	Self-employed workers	Unpaid family workers	Total	Wage and salary workers			Self-employed workers	Unpaid family workers	
						Total	Private households	Government	Other			
Total at work .. thousands	65,308	4,772	1,631	2,308	834	60,536	54,154	2,503	8,385	43,266	5,796	586
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 to 34 hours .....	20.5	32.6	36.1	23.5	51.0	19.6	19.2	65.9	16.5	17.0	20.8	40.3
1 to 14 hours .....	6.5	9.1	13.0	9.5	-	6.3	6.1	40.7	3.6	4.6	8.7	-
15 to 21 hours .....	5.0	10.9	9.6	6.1	27.1	4.6	4.3	11.6	3.6	4.0	5.2	21.4
22 to 29 hours .....	4.1	7.5	7.1	4.4	16.9	3.8	3.8	8.5	3.1	3.6	3.4	10.4
30 to 34 hours .....	4.9	5.1	6.4	3.5	7.0	4.9	5.0	5.1	6.2	4.8	3.5	8.5
35 to 40 hours .....	46.2	15.0	18.0	12.5	16.1	48.6	51.8	17.6	58.2	52.6	21.0	24.1
35 to 39 hours .....	6.3	6.1	5.3	5.2	10.3	6.3	6.5	5.3	6.0	6.7	4.2	8.4
40 hours .....	39.9	8.9	12.7	7.3	5.8	42.3	45.3	12.3	52.2	45.9	16.8	15.7
41 hours and over .....	33.4	52.3	46.0	64.0	32.9	31.8	28.9	16.6	25.3	30.4	58.2	35.4
41 to 47 hours .....	7.9	5.4	6.4	4.5	6.3	8.1	8.3	4.5	7.7	8.5	7.1	4.6
48 hours .....	6.5	4.3	5.4	4.1	2.7	6.7	6.6	2.7	4.5	7.3	7.3	5.6
49 hours and over .....	19.0	42.6	34.2	55.4	23.9	17.0	14.0	9.4	13.1	14.6	43.8	25.2
49 to 54 hours .....	6.4	8.0	9.5	7.6	6.5	6.2	5.7	3.2	5.1	6.0	10.8	7.3
55 to 59 hours .....	2.8	4.2	5.1	4.0	2.9	2.6	2.4	1.8	2.3	2.5	4.5	2.5
60 to 69 hours .....	5.3	12.7	10.3	16.6	6.4	4.7	3.6	2.0	3.2	3.8	14.4	6.7
70 hours and over .....	4.5	17.7	9.3	27.2	8.1	3.5	2.3	2.4	2.5	2.3	14.1	8.7
Average hours, total at work .....	40.4	45.0	40.4	51.2	37.0	40.1	39.4	24.2	40.2	40.1	46.6	39.4

**ESTABLISHMENT DATA  
ANNUAL AVERAGES**

**Table B-1: Employees on nonagricultural payrolls, by industry**

Industry	(In thousands)					
	1963 <sup>1</sup>	1962	1961	1960	Change to 1963 from	
					1962	1961
<b>TOTAL</b> .....	57,175	55,841	54,224	54,370	1,334	2,951
<b>MINING</b> .....	634	652	672	712	-18	-38
<b>CONTRACT CONSTRUCTION</b> .....	3,030	2,909	2,816	2,885	121	214
<b>MANUFACTURING</b> .....	17,035	16,859	16,327	16,796	176	708
<b>DURABLE GOODS</b> .....	9,659	9,493	9,072	9,459	166	587
Ordnance and accessories .....	276.6	270.7	234.7	202.2	5.9	41.9
Lumber and wood products .....	585.7	588.7	582.9	626.8	-3.0	2.8
Furniture and fixtures .....	389.8	385.1	367.5	383.0	4.7	22.3
Stone, clay, and glass products .....	607.5	594.0	582.0	604.0	13.5	25.5
Primary metal industries .....	1,165.7	1,163.8	1,142.7	1,231.2	1.9	23.0
Fabricated metal products .....	1,152.7	1,127.5	1,084.5	1,135.3	25.2	68.2
Machinery .....	1,520.3	1,489.8	1,419.0	1,479.0	30.5	101.3
Electrical equipment .....	1,581.3	1,579.2	1,474.7	1,467.1	2.1	106.6
Transportation equipment .....	1,614.2	1,542.3	1,458.8	1,586.7	71.9	155.4
Instruments and related products .....	371.4	360.4	347.4	354.3	11.0	24.0
Miscellaneous manufacturing .....	393.4	391.2	378.2	389.9	2.2	15.2
<b>NONDURABLE GOODS</b> .....	7,376	7,367	7,255	7,336	9	121
Food and kindred products .....	1,738.4	1,759.9	1,775.2	1,790.0	-21.5	-36.8
Tobacco manufactures .....	89.2	91.0	90.7	94.0	-1.8	-1.5
Textile-mill products .....	889.5	902.6	893.4	924.4	-13.1	-3.9
Apparel and related products .....	1,297.7	1,266.7	1,214.5	1,233.2	31.0	83.2
Paper and allied products .....	620.6	614.5	601.3	601.1	6.1	19.3
Printing and publishing .....	928.0	924.9	917.3	911.3	3.1	10.7
Chemicals and allied products .....	865.6	846.0	827.2	828.2	19.6	38.4
Petroleum and related products .....	188.1	195.0	201.9	211.9	-6.9	-13.8
Rubber and plastic products .....	408.8	405.8	375.3	379.0	3.0	33.5
Leather and leather products .....	350.4	360.3	358.2	363.4	-9.9	-7.8
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	3,913	3,903	3,903	4,004	10	10
<b>WHOLESALE AND RETAIL TRADE</b> .....	11,864	11,582	11,337	11,391	282	527
WHOLESALE TRADE .....	3,143	3,061	2,993	3,004	82	150
RETAIL TRADE .....	8,721	8,521	8,344	8,388	200	377
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	2,866	2,798	2,731	2,669	68	135
<b>SERVICE AND MISCELLANEOUS</b> .....	8,297	7,949	7,610	7,392	348	687
<b>GOVERNMENT</b> .....	9,535	9,188	8,828	8,520	347	707
<b>FEDERAL</b> .....	2,358	2,340	2,279	2,270	18	79
<b>STATE AND LOCAL</b> .....	7,177	6,849	6,548	6,250	328	629

<sup>1</sup>Preliminary.

**ESTABLISHMENT DATA  
ANNUAL AVERAGES**
**Table B-2: Production workers on manufacturing payrolls, by industry**

Industry	(In thousands)					
	1963 <sup>1</sup>	1962	1961	1960	Change to 1963 from	
					1962	1961
<b>MANUFACTURING</b> .....	12,586	12,494	12,085	12,586	92	501
<b>DURABLE GOODS</b> .....	7,059	6,946	6,620	7,028	113	439
Ordnance and accessories.....	119.1	119.7	106.8	94.6	-6	12.3
Lumber and wood products.....	524.0	526.2	518.4	561.1	-2.2	5.6
Furniture and fixtures.....	324.4	319.7	303.9	318.5	4.7	20.5
Stone, clay, and glass products.....	489.5	479.1	469.4	491.8	10.4	20.1
Primary metal industries.....	942.2	935.8	914.6	993.8	6.4	27.6
Fabricated metal products.....	884.0	863.8	826.0	874.3	20.2	58.0
Machinery.....	1,053.0	1,036.0	976.7	1,035.9	17.0	76.3
Electrical equipment.....	1,057.0	1,060.3	980.5	996.3	-3.3	76.5
Transportation equipment.....	1,113.2	1,060.7	997.1	1,114.7	52.5	116.1
Instruments and related products.....	236.9	230.4	223.1	232.6	6.5	13.8
Miscellaneous manufacturing.....	316.1	314.6	303.5	314.3	1.5	12.6
<b>NONDURABLE GOODS</b> .....	5,526	5,548	5,464	5,558	-22	62
Food and kindred products.....	1,155.0	1,175.5	1,191.4	1,211.8	-20.5	-36.4
Tobacco manufactures.....	77.1	79.1	79.6	83.3	-2.0	-2.5
Textile mill products.....	797.2	812.4	805.0	835.1	-15.2	-7.8
Apparel and related products.....	1,150.9	1,125.4	1,079.6	1,098.2	25.5	71.3
Paper and allied products.....	488.0	486.0	478.0	479.7	2.0	10.0
Printing and publishing.....	590.2	594.0	591.7	588.9	-3.8	-1.5
Chemicals and allied products.....	524.2	517.2	504.3	509.9	7.0	19.9
Petroleum and related products.....	119.5	125.3	129.9	137.9	-5.8	-10.4
Rubber and plastic products.....	315.1	314.3	288.3	292.8	.8	26.8
Leather and leather products.....	309.0	318.6	316.4	320.9	-9.6	-7.4

<sup>1</sup> Preliminary.

**Table B-3: Gross hours and earnings of production workers on manufacturing payrolls, by industry**

Industry	Average weekly hours				Average hourly earnings				Average weekly earnings			
	1963 <sup>1</sup>	1962	1961	1960	1963 <sup>1</sup>	1962	1961	1960	1963 <sup>1</sup>	1962	1961	1960
<b>MANUFACTURING</b> .....	40.4	40.4	39.8	39.7	\$2.46	\$2.39	\$2.32	\$2.26	\$99.38	\$96.56	\$92.34	\$89.72
Overtime hours.....	2.8	2.8	2.4	2.4	-	-	-	-	-	-	-	-
<b>DURABLE GOODS</b> .....	41.1	40.9	40.3	40.1	2.63	2.56	2.49	2.43	108.09	104.70	100.35	97.44
Overtime hours.....	2.9	2.8	2.3	2.4	-	-	-	-	-	-	-	-
<b>NONDURABLE GOODS</b> .....	39.6	39.6	39.3	39.2	2.22	2.16	2.11	2.05	87.91	85.54	82.92	80.36
Overtime hours.....	2.7	2.7	2.5	2.5	-	-	-	-	-	-	-	-
<b>Durable goods</b>												
Ordnance and accessories.....	41.0	41.1	40.9	40.8	2.91	2.83	2.77	2.67	119.31	116.31	113.29	108.94
Lumber and wood products.....	40.1	39.8	39.4	39.0	2.04	1.99	1.95	1.89	81.80	79.20	76.83	73.71
Furniture and fixtures.....	40.9	40.7	40.0	40.0	1.99	1.95	1.91	1.88	81.39	79.37	76.40	75.20
Stone, clay, and glass products.....	41.3	40.9	40.7	40.6	2.48	2.41	2.34	2.28	102.42	98.57	95.24	92.57
Primary metal industries.....	41.0	40.2	39.6	39.0	3.04	2.98	2.90	2.81	124.64	119.80	114.84	109.59
Fabricated metal products.....	41.3	41.1	40.5	40.5	2.61	2.55	2.49	2.43	107.79	104.81	100.85	98.42
Machinery.....	41.8	41.7	41.0	41.0	2.78	2.71	2.62	2.55	116.20	113.01	107.42	104.55
Electrical equipment.....	40.4	40.6	40.2	39.8	2.46	2.40	2.35	2.28	99.38	97.44	94.47	90.74
Transportation equipment.....	42.0	42.0	40.5	40.7	3.01	2.91	2.80	2.74	126.42	122.22	113.40	111.52
Instruments and related products.....	40.8	40.9	40.7	40.4	2.49	2.44	2.38	2.31	101.59	99.80	96.87	93.32
Miscellaneous manufacturing.....	39.6	39.7	39.5	39.3	2.03	1.97	1.92	1.89	80.39	78.21	75.84	74.28
<b>Nondurable goods</b>												
Food and kindred products.....	40.9	40.9	40.9	40.8	2.31	2.24	2.17	2.10	94.48	91.62	88.75	85.68
Tobacco manufactures.....	38.6	38.6	39.0	38.2	1.92	1.85	1.78	1.70	74.11	71.41	69.42	64.94
Textile mill products.....	40.6	40.6	39.9	39.5	1.71	1.68	1.63	1.61	69.43	68.21	65.04	63.60
Apparel and related products.....	36.2	36.2	35.4	35.4	1.72	1.69	1.64	1.59	62.26	61.18	58.06	56.29
Paper and allied products.....	42.7	42.5	42.5	42.1	2.48	2.40	2.34	2.26	105.90	102.00	99.45	95.15
Printing and publishing.....	38.4	38.3	38.2	38.4	2.88	2.81	2.75	2.68	110.59	107.62	105.05	102.91
Chemicals and allied products.....	41.5	41.5	41.4	41.3	2.72	2.65	2.58	2.50	112.88	109.98	106.81	103.25
Petroleum and related products.....	41.7	41.6	41.3	41.1	3.16	3.05	3.01	2.89	131.77	126.88	124.31	118.78
Rubber and plastic products.....	40.8	41.0	40.4	39.9	2.47	2.44	2.38	2.32	100.78	100.04	96.15	92.57
Leather and leather products.....	37.5	37.6	37.4	36.9	1.76	1.72	1.68	1.64	66.00	64.67	62.83	60.52

<sup>1</sup> Preliminary unweighted averages.

# 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. Use order blank on page 13-E.

## INTRODUCTION

The statistics in this periodical are compiled from two major sources: (1) household interviews and (2) payroll reports from employers.

*Data based on household interviews* are obtained from a sample survey of the population. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides a comprehensive measure of the labor force, i.e., the total number of persons 14 years of age and over who are employed or unemployed. It also provides data on their personal and economic characteristics such as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The information is collected by trained interviewers from a sample of about 35,000 households throughout the country and is 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.

### 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 factors which have a differential effect on levels and trends of the two series are described as follows:

## Employment

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

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

*Unpaid absences from jobs.* The household survey includes among the employed all persons who had jobs but were not at work during the survey week--that is, were not working or looking for work but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, whether or not they were paid by their employers for the time off. In the figures based on payroll reports, persons on paid sick leave, paid vacation, or paid holiday are included, but not those on leave without pay for the entire payroll period.

## Hours of Work

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

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

*Unemployment insurance data.* The unemployed total from the household survey includes all persons who did

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

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

*Agricultural employment estimates of the Department of Agriculture.* The principal differences in coverage are the inclusion of persons under 14 in the Agricultural Marketing Service (AMS) series and the treatment of dual jobholders who are counted more than once if they worked on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

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

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

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

*Employment covered by State unemployment insurance programs.* Not all nonfarm wage and salary workers are covered by the unemployment insurance programs. All workers in certain activities, such as interstate railroads, are excluded. In addition, small firms in covered industries are also excluded in 32 States. In general, these are establishments with less than four employees.

## Labor Force Data

### COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other economic characteristics of employed and unemployed persons, and related labor force data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). (A detailed description of this survey appears in Concepts and Methods Used in the Current Employment and Unemployment Statistics Prepared by the Bureau of the Census, U.S. Bureau of the Census, *Current Population Reports*, Series P-23, No. 5. This report is available from BLS on request.)

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population 14 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 14 years of age and over. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

Until August 1962, the sample for CPS was spread over 333 areas. Between August 1962 and March 1963, the number of sample areas was increased to 357, comprising 701 counties and independent cities, with coverage in 50 States and the District of Columbia. This revision takes account of the changes in population distribution and characteristics shown by the 1960 Census. The number of households remains unchanged at 35,000.

Each month, 35,000 occupied units are designated for interview. About 1,500 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 35,000 occupied units there are 5,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for approximately 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 either as paid employees, or in their own business or profession, or on their own farm, or who worked 15 hours or more as unpaid workers on a farm or in a business operated by a member of the family, and (b) all those who were not working or looking for work but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, or labor-management dispute, or because they were taking time off for various other reasons, whether or not they were paid by their employers for the time off.

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

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an Embassy (e.g., Mexican migratory farm workers).

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

*Unemployed Persons* comprise all persons who did not work at all during the survey week and were looking for work, regardless of whether or not they were eligible for unemployment insurance. Also included as unemployed are those who did not work at all and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days (and were not in school during the survey week); or (c) would have been looking for work except that they were temporarily ill or believed no work was available in their line of work or in the community. Persons in this latter category will usually be residents of a community in which there are only a few dominant industries which were shut down during the survey week. *Not* included in this category are persons who say they were not looking for work because they were too old, too young, or handicapped in any way.

*The Unemployment Rate* represents the number unemployed as a percent of the civilian labor force, i.e., the sum of the employed and unemployed. This measure can also be computed for groups within the labor force classified by sex, age, marital status, color, etc. When applied to industry and occupation groups, the labor force base for the unemployment rate also represents the sum of the employed and the unemployed, the latter classified according to industry and occupation of their latest full-time civilian job.

*Duration of Unemployment* represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work or would have been looking for work except for temporary illness, or belief that no work was available in their line of work or in the community. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of

their most recent employment. 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.

*Not in Labor Force* includes all civilians 14 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

*Occupation, Industry, and Class of Worker* 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 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 industrial classification system used in the Census of Population and the current Population Survey differs somewhat from that used by the BLS in its reports on employment, by industry. Employment levels by industry from the household survey, although useful for many analytical purposes, are not published in order to avoid public misunderstanding since they differ from the payroll series because of differences in classification, sampling variability, and other reasons. The industry figures from the household survey are used as a base for published distributions on hours of work, unemployment rates, and other characteristics of industry groups such as age, sex, and occupation.

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.

### ESTIMATING METHODS

The estimating procedure is essentially one of using sample results to obtain percentages of the population in a given category. The published estimates are then obtained by multiplying these percentage distributions by independent estimates of the population. The principal steps involved are shown below. 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 3 to 5 percent depending on weather, vacations, etc.

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

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

b. *Second-stage ratio estimate.* In this step, the sample proportions are weighted by independent

current estimates of the population by age, sex, and color. These estimates are prepared by carrying forward the most recent census data (1960) to take account of subsequent aging of the population, mortality, and migration between the United States and other countries.

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

### Reliability of the Estimates

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

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

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

Table A. Average standard error of major employment status categories

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



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

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

Table B. Standard error of level of monthly estimates

(In thousands)						
Size of estimate	Both sexes		Male		Female	
	Total or white	Non-white	Total or white	Non-white	Total or white	Non-white
10 .....	5	5	7	5	5	5
50 .....	11	10	14	10	10	10
100 .....	15	14	20	14	14	14
250 .....	24	21	31	21	22	21
500 .....	34	30	43	30	31	30
1,000 .....	48	40	60	40	45	40
2,500 .....	75	50	90	50	70	50
5,000 .....	100	50	110	...	100	...
10,000 .....	140	...	140	...	130	...
20,000 .....	180	...	150	...	170	...
30,000 .....	210	...	...	...	...	...
40,000 .....	220	...	...	...	...	...

*Illustration:* Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 160,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 160,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 160,000 as the

standard error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 135,000.

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

(In thousands)		
Standard error of monthly level	Standard error of month-to-month change	
	Estimates relating to agricultural employment	All estimates except those relating to agricultural employment
10 .....	14	12
25 .....	35	26
50 .....	70	48
100 .....	100	90
150 .....	110	130
200 .....	250	160
250 .....	...	190
300 .....	...	220

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

Table D. Standard error of percentages

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

# Establishment Data

## COLLECTION

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

### Federal-State Cooperation

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

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

### Shuttle Schedules

Two types of data collection schedules are used: Form BLS 790—Monthly Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The schedule is returned to the respondent each month by the collecting agency so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

The BLS 790 provides for entry of data on the number of full- and part-time workers, on the payrolls of non-agricultural establishments and, for most industries, payroll and man-hours of production and related workers or nonsupervisory workers for the pay period which most nearly coincides with the *standard survey reference week* (the calendar week, Sunday through Saturday, which includes the 12th of the month). The labor turnover schedule provides for the collection of information on the total number of accessions and separations, by type, during the calendar month.

## CONCEPTS

### Industrial Classification

Establishments are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year on an industry class supplement to the monthly 790 or 1219 report. In the case of 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. Since many of the published industry series represent combinations of SIC industries, the BLS has prepared a *Guide to Employment Statistics of BLS, 1961* which specifies the SIC code or codes covered by each industry title listed in *Employment and Earnings*. In addition, the *Guide* provides industry definitions and lists the beginning date of each series. The *Guide* is available free upon request.

### Industry Employment

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

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

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

### Industry Hours and Earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers, construction workers, or nonsupervisory employees. These terms are defined below. When the pay period reported is longer than 1 week, the 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* relate to the following employees in the contract construction division: Working foremen, journeymen, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

**Nonsupervisory employees** include employees (not above the working supervisory level) such as office and clerical workers, repairmen, salespersons, operators, drivers, attendants, service employees, linemen, laborers, janitors, watchmen, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

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

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

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

#### **Gross Average Hourly and Weekly Earnings**

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

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

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by

changes in gross average hourly earnings, but also by changes in the length of the workweek, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

#### **Average Weekly Hours**

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

#### **Average Overtime Hours**

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

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

#### **Railroad Hours and Earnings**

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

#### **Spendable Average Weekly Earnings**

Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from gross weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker, as well as on the level of his gross income. To reflect these variables, spendable earnings are computed for a worker with no dependents, and a 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 marital status, family composition, or total family income.

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

#### Average Hourly Earnings Excluding Overtime

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

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

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

#### Labor Turnover

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

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

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

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

*Separations* are terminations of employment during the calendar month and are classified according to cause: Quits, layoffs, and other separations, as 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 estimating procedure used to prepare estimates of 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 a modified cutoff type of sample.

#### The "Link Relative" Technique

From a sample of establishments, which report for both the previous and current months, the ratio of current month employment to that of the previous month is computed. 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 used for estimating industry employment, hours, earnings, and labor turnover statistics are described in the table on page 12-E. Further details are given in the technical notes on *Measurement of Employment, Hours, and Earnings in Nonagricultural Industries* and on *Measurement of Labor Turnover*, which are available upon request.

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 on page 12-E, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

## Benchmark Adjustments

Employment estimates are periodically compared with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1962 levels; normally, benchmark adjustments are made annually.

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

The estimates relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment, while the sample is used to measure the month-to-month changes in the level.

Data for all months between the previous benchmark and the month in which the adjusted series is published are therefore subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics. The current volume in this series is *Employment and Earnings Statistics for the United States, 1909-62*, Bulletin 1312-1 (1963), and contains monthly statistics from the earliest date of availability through May 1963.

## THE SAMPLE

### Design

The sample design used in the BLS establishment employment and labor turnover statistics programs is that of a modified cutoff sample. In a cutoff design, all establishments in a category are listed in sequence by number of employees. A cutoff point is selected in terms of the number of employees in an establishment, and only establishments above the cutoff point are included in the design. At present, sample selection is made by the cooperating State agencies at the area level with supplementation for establishments in sections of the State lying outside of the defined areas. The national sample therefore is then the sum of all the State samples.

In cutoff sampling, the general objective is to obtain a sample comprising a large enough proportion of universe employment so that satisfactory estimates can be prepared. Since employer participation in the BLS programs is voluntary, some establishments above the cutoff may decline to report. To replace these in the design, reports are solicited from the next largest establishments below the cutoff until the desired employment

coverage is attained. In addition, to meet the needs of preparing estimates of weekly hours and hourly earnings, procedures were introduced to secure representation of the smaller establishments in each industry. Because of this procedure, and also because sampling takes place primarily at the level of the metropolitan areas, which vary greatly in size, the sample includes a considerable number of small establishments, together with a very substantial proportion of the larger establishments in American industry.

In the context of the BLS employment and labor turnover statistics program, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents, and at a somewhat later date, statistics in considerably greater industrial detail. 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 1962<sup>1</sup>

Industry division	Employees	
	Number reported	Percent of total
Mining . . . . .	301,000	47
Contract construction . . . . .	581,000	23
Manufacturing . . . . .	10,767,000	65
Transportation and public utilities:		
Railroad transportation (ICC)	775,000	97
Other transportation and public utilities . . . . .	1,622,000	53
Wholesale and retail trade . . . . .	2,212,000	20
Finance, insurance and real estate . . . . .	983,000	36
Service and miscellaneous . . . . .	1,362,000	18
Government:		
Federal (Civil Service Commission) <sup>2</sup> . . . . .	2,294,000	100
State and local . . . . .	3,414,000	50

<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 1962

Industry	Employees	
	Number reported	Percent of total
Manufacturing .....	8,492,000	51
Metal mining .....	58,000	68
Coal mining .....	59,000	37
Communications:		
Telephone .....	563,000	82
Telegraph .....	27,000	72

#### Reliability of the Employment Estimate

One measure of the reliability of an employment estimate projected from a benchmark is the amount by which it differs from the new benchmark at the next adjustment period. The BLS uses this criterion instead of the standard error of the estimates, since it is not possible to compute a mathematically precise statement of error unless the estimates are based on a probability sample. An approximation of the accuracy of the BLS employment estimates is shown by the following table:

Nonagricultural payroll employment estimates, by industry division, as a percentage of the benchmark for recent years

Industry division	1959 <sup>1</sup>	1961	1962
Total .....	99.4	100.0	99.3
Mining .....	96.2	99.4	99.2
Contract construction. . . .	95.1	99.9	93.9
Manufacturing. . . . .	99.1	99.7	99.4
Transportation and public utilities .....	100.2	100.7	100.4
Wholesale and retail trade. .	100.8	100.5	100.1
Finance, insurance, and real estate .....	98.8	101.0	99.9
Service and miscellaneous .	98.5	99.4	98.0
Government .....	100.0	100.0	100.0

<sup>1</sup>Excludes adjustment caused by revision to 1957 SIC and by categories of employees not previously included in estimates.

For some detailed industries, the relative size of the correction to benchmarks is somewhat greater than is indicated for the major industry divisions in the preceding table.

The high degree of reliability of BLS estimates is due to the relatively large percentage of the employment universe covered by the sample, the frequent adjustments of employment estimates to benchmark levels, and the use of special techniques, such as stratification by size and/or region.

Differences between the benchmarks and the estimates, as well as the sampling and response errors, result from 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. At more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments; however, it becomes of less importance at broader aggregations of industries. Another cause of differences, generally minor, between the estimates and the benchmark arises from improvements in the quality of benchmark data.

For the most recent months, national estimates of employment, hours, and earnings are preliminary, and are so footnoted in the tables. These particular figures are based on less than the full sample and consequently are subject to revisions when all the reports in the sample have been received. Studies of these revisions of preliminary estimates in the past indicate that they have been relatively small (and most frequently upward) for employment, and even smaller for hours and earnings.

#### 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, as defined in the Annual Supplement Issue of *Employment and Earnings*. 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.

Users of State and area employment, hours, and earnings statistics may be interested in *Employment and Earnings Statistics for States and Areas, 1939-62*, BLS Bulletin 1370. 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 through 1962.

## 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*.

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 and illustration of the basic method was published in the August 1960 *Monthly Labor Review*, and a revised version is described in the 1962 Report of the President's Committee to Appraise Employment and Unemployment Statistics, *Measuring Employment and Unemployment*, Appendix G, "The Bureau of Labor Statistics Seasonal Factor Method."

For establishment data, the seasonally adjusted series on weekly hours and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series, but seasonally adjusted employment totals for all employees and production workers by industry divisions are obtained by summing the seasonally adjusted data which are published for component industries. Seasonally adjusted aggregate weekly man-hours for mining, contract construction, and the major industries in manufacturing are obtained by multiplying average weekly hours, seasonally adjusted, by production workers, seasonally adjusted. For total, manufacturing, and

endurable and nondurable goods, aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-hours, seasonally adjusted, for the appropriate component industries.

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 1963 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

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

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1963 are published in the February 1964 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

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

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



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