



# EMPLOYMENT and EARNINGS

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UNITED STATES DEPARTMENT OF LABOR  
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### Announcement

1965 edition of State and area  
bulletin now available. See  
announcement - page iii

### New Series

Hours and Earnings (Table C-8)  
for: Cedar Rapids, Iowa  
Labor Turnover (Table D-5) for:  
Altoona and Johnstown, Pennsylvania

For sale by the Superintendent of Documents,  
U.S. Government Printing Office, Washington,  
D.C. 20402 Subscription price: \$4.00 a year;  
\$1.50 additional for foreign mailing. Price 50  
cents a copy.

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<sup>1/</sup> 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 1963, the present benchmark date, are therefore subject to revision.

Beginning with December 1964 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 1963 benchmarks. Therefore, issues of *Employment and Earnings* prior to December 1964 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, 1909-64*, BLS Bulletin 1312-2, 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 1963 forward to a current date, as well as the prior historical statistics.

## *Report Reveals*

# *Changing Geographic Profile of American Industry*

The Bureau of Labor Statistics has just released the 1965 edition of its comprehensive State and area data book, Employment and Earnings Statistics for States and Areas, 1939-64, BLS Bulletin 1370-2 - replacing Bulletin 1370-1.

This is the third volume in the 1370 series and like its two predecessors is designed to bring together all data on employment, and hours and earnings of production workers, in States and major metropolitan areas that are published individually by State agencies cooperating with the BLS in the Current Employment Statistics (CES) Program. The bulletin is designed for use by those concerned with community growth, plant location, collective bargaining, and job opportunities.

### Features of the 1965 edition:

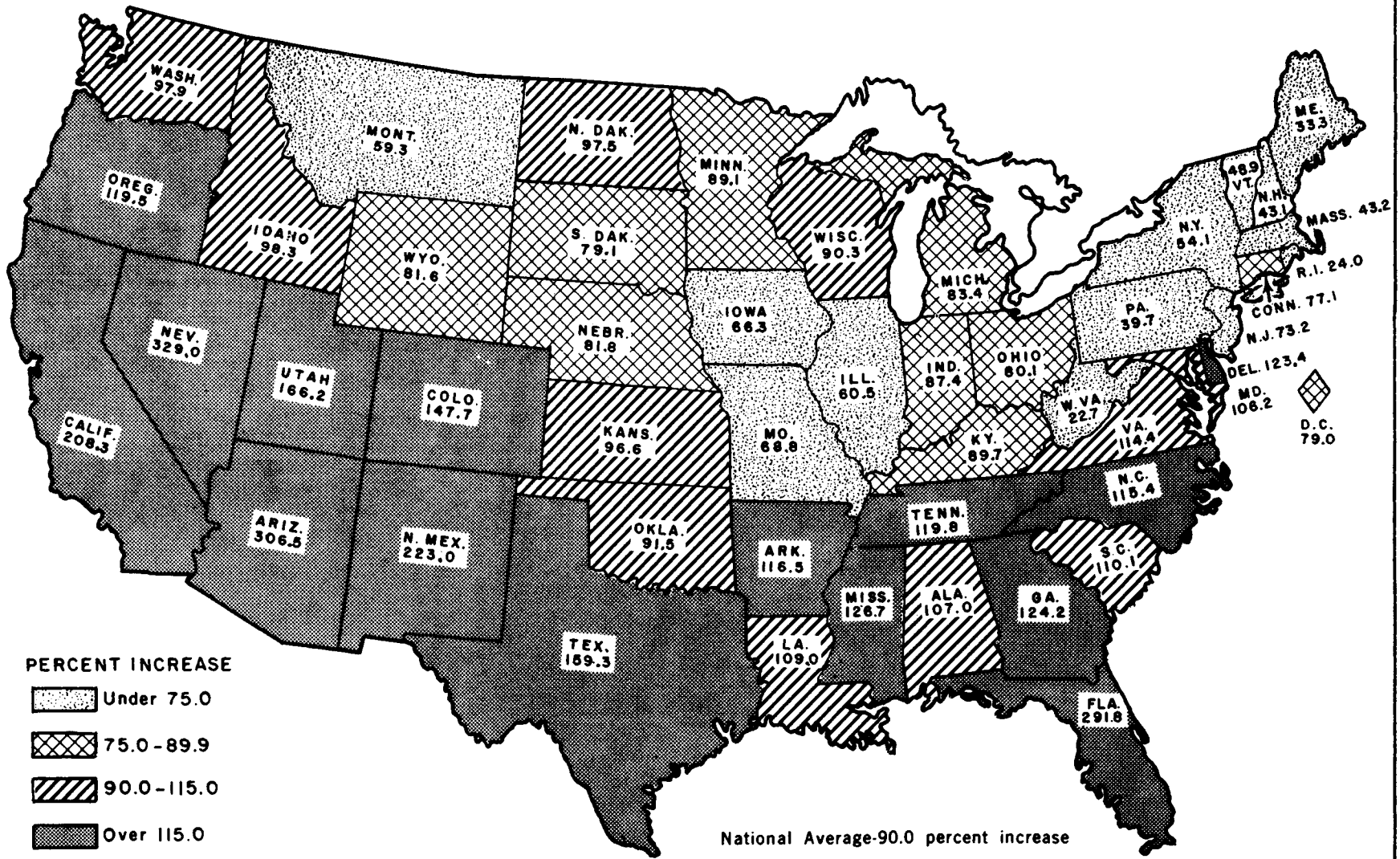
- \* Annual averages from the beginning date through 1964 for more than 6,500 employment series, and over 3,000 hours and earnings series, by industry.
- \* All series adjusted to latest available benchmarks.
- \* Detailed industry data shown for eight additional major areas - increasing area coverage to 159.
- \* Sixteen analytical and summary tables showing regional growth patterns - industry distribution by State - interarea employment and earnings comparisons.

See following pages (iv, v, and vi) for a map showing the percent increase in nonagricultural employment by State (1939-64), and charts showing regional versus national trends of employment on nonagricultural and manufacturing payrolls for the 1954-64 period.

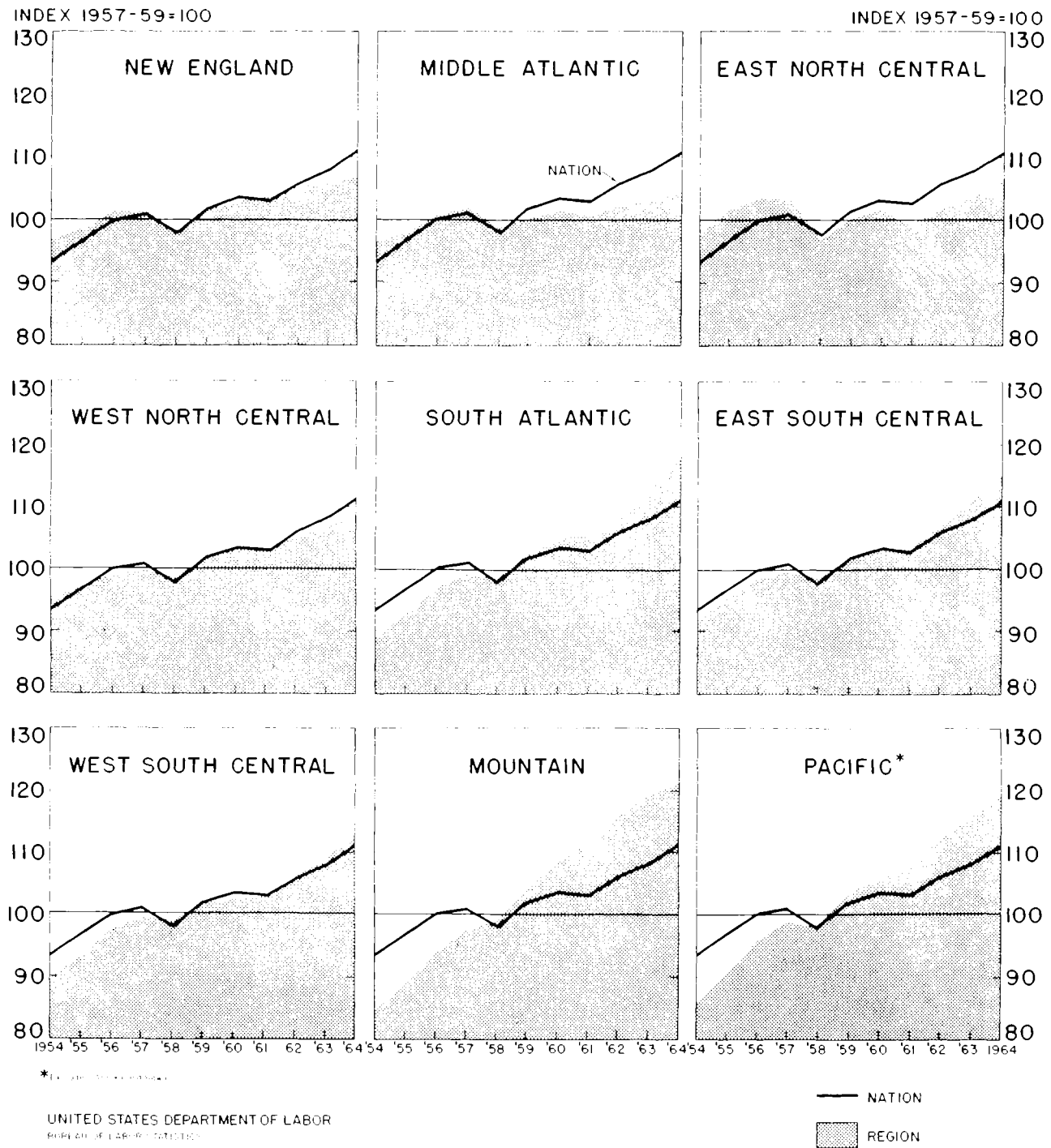
Key figures on each State and area are summarized regularly in Employment and Earnings (see table B-7 for employment and table C-8 for hours and earnings). Monthly data, comparable with the annual averages in the historical volume are published currently by the cooperating State agencies (see inside back cover for addresses).

BLS Bulletin 1370-2 may be purchased for \$4.00 per copy. See page 14-E of Employment and Earnings for details on ordering.

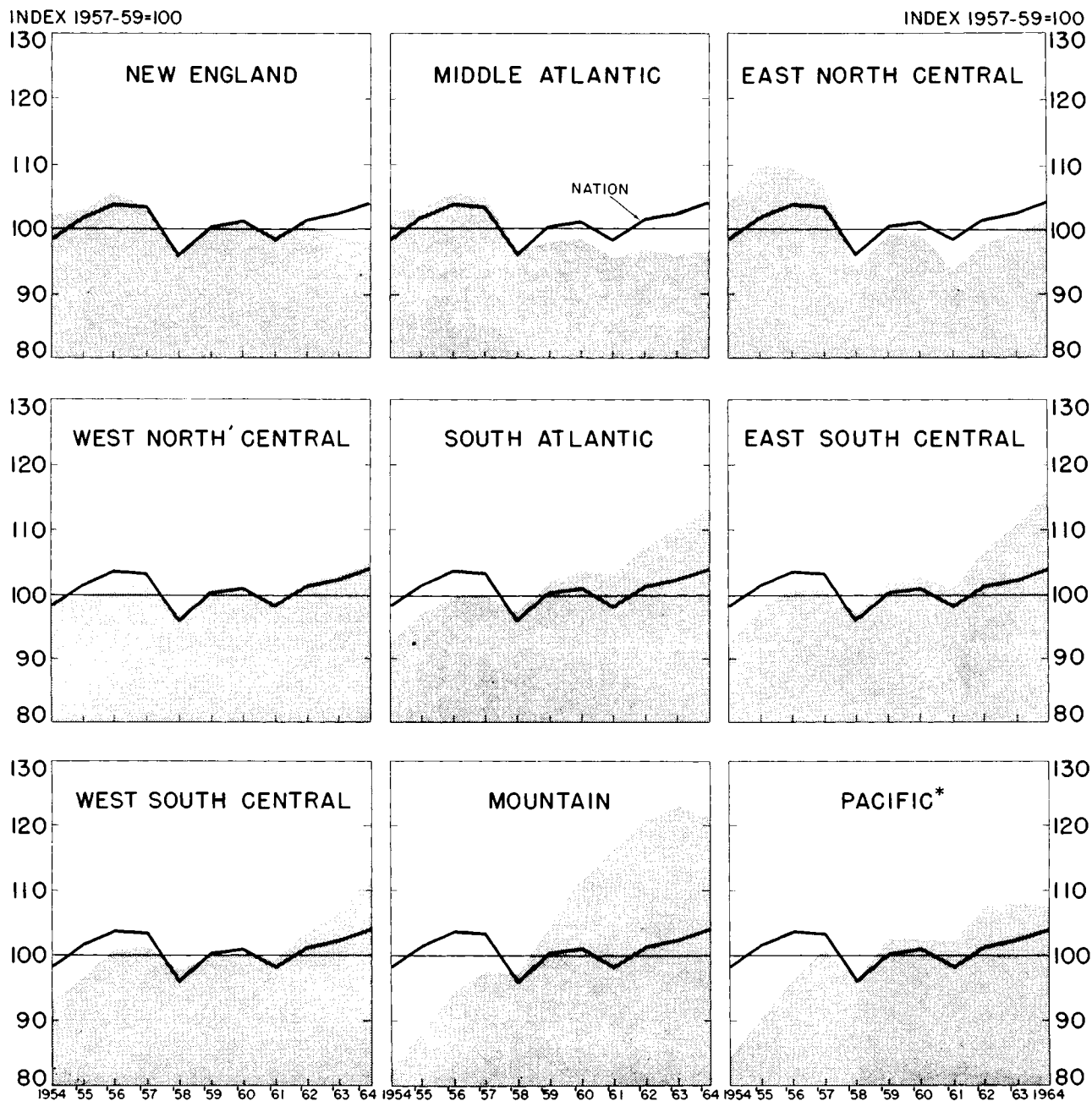
## Percent increase in nonagricultural employment by State, 1939-64



# CHART 1. REGIONAL VERSUS NATIONAL TRENDS OF EMPLOYMENT ON NONAGRICULTURAL PAYROLLS, 1954-64



# CHART 2. REGIONAL VERSUS NATIONAL TRENDS OF EMPLOYMENT ON MANUFACTURING PAYROLLS, 1954-64



\* Excludes Alaska and Hawaii

UNITED STATES DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

— NATION  
 REGION

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

Year and month	Total noninstitutional population	(In thousands)									Not in labor force
		Total labor force		Civilian 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										
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)	51,040	(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	71,284	58.5	68,647	63,966	5,844	58,122	4,681	6.8	-	50,666
1959.....	123,366	71,946	58.3	69,394	65,581	5,836	59,745	3,813	5.5	-	51,420
1960 <sup>4</sup> .....	125,368	73,126	58.3	70,612	66,681	5,723	60,958	3,931	5.6	-	52,242
1961.....	127,852	74,175	58.0	71,603	66,796	5,463	61,333	4,806	6.7	-	53,677
1962 <sup>5</sup> .....	130,081	74,681	57.4	71,854	67,846	5,190	62,657	4,007	5.6	-	55,400
1963.....	132,124	75,712	57.3	72,975	68,809	4,946	63,863	4,166	5.7	-	56,412
1964.....	134,143	76,971	57.4	74,233	70,357	4,761	65,596	3,876	5.2	-	57,172
1964: July.....	134,216	78,958	58.8	76,218	72,405	5,819	66,586	3,813	5.0	5.0	55,258
August.....	134,400	78,509	58.4	75,758	72,104	5,400	66,704	3,654	4.8	5.1	55,891
September.....	134,586	76,865	57.1	74,122	70,805	5,230	65,575	3,317	4.5	5.1	57,721
October.....	134,772	77,112	57.2	74,375	71,123	5,126	65,997	3,252	4.4	5.2	57,661
November.....	134,952	76,897	57.0	74,166	70,793	4,545	66,248	3,373	4.5	4.9	58,055
December.....	135,135	76,568	56.7	73,841	70,375	3,785	66,590	3,466	4.7	5.0	58,568
1965: January.....	135,302	75,699	55.9	72,992	68,996	3,739	65,257	3,996	5.5	4.8	59,603
February.....	135,469	76,418	56.4	73,714	69,496	3,803	65,694	4,218	5.7	5.0	59,051
March.....	135,651	76,612	56.5	73,909	70,169	3,989	66,180	3,740	5.1	4.7	59,039
April.....	135,812	77,307	56.9	74,621	71,070	4,473	66,597	3,552	4.8	4.9	58,504
May.....	135,982	78,425	57.7	75,741	72,407	5,128	67,278	3,335	4.4	4.6	57,556
June.....	136,160	80,683	59.3	78,003	73,716	5,622	68,094	4,287	5.5	4.7	55,477
July.....	136,252	81,150	59.6	78,457	74,854	5,626	69,228	3,602	4.6	4.5	55,102

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

<sup>2</sup>Not available.

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

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

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

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

HOUSEHOLD DATA

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

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>		Percent of labor force		
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force			
									Not seasonally adjusted			Seasonally adjusted
<b>MALE</b>												
1940.....	50,080	42,020	83.9	41,480	35,550	8,450	27,100	5,930	14.3	-	8,060	
1944.....	51,980	46,670	89.8	35,460	35,110	7,020	28,090	350	1.0	-	5,310	
1947.....	53,085	44,844	84.5	43,272	41,677	6,953	34,725	1,595	3.7	-	8,242	
1948.....	53,513	45,300	84.7	43,858	42,268	6,623	35,645	1,590	3.6	-	8,213	
1949.....	54,028	45,674	84.5	44,075	41,473	6,629	34,844	2,602	5.9	-	8,354	
1950.....	54,526	46,069	84.5	44,442	42,162	6,271	35,891	2,280	5.1	-	8,457	
1951.....	54,996	46,674	84.9	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	5.4	-	11,493	
1961.....	62,147	49,918	80.3	47,378	44,318	4,508	39,811	3,060	6.5	-	12,229	
1962 <sup>4</sup> .....	63,234	50,175	79.3	47,380	44,892	4,266	40,626	2,488	5.3	-	13,059	
1963.....	64,163	50,573	78.8	47,867	45,330	4,021	41,309	2,537	5.3	-	13,590	
1964.....	65,065	51,118	78.6	48,410	46,139	3,884	42,255	2,271	4.7	-	13,947	
1964: July.....	65,097	53,057	81.5	50,347	48,164	4,593	43,571	2,183	4.3	4.5	12,041	
August.....	65,180	52,584	80.7	49,864	47,791	4,348	43,443	2,074	4.2	4.6	12,596	
September.....	65,266	51,083	78.3	48,370	46,557	4,081	42,476	1,813	3.7	4.7	14,183	
October.....	65,351	50,918	77.9	48,211	46,448	4,026	42,423	1,762	3.7	4.4	14,434	
November.....	65,432	50,709	77.5	48,008	46,152	3,666	42,487	1,856	3.9	4.4	14,723	
December.....	65,516	50,480	77.0	47,784	45,645	3,247	42,398	2,139	4.5	4.3	15,035	
1965: January.....	65,590	50,212	76.6	47,537	45,056	3,246	41,810	2,481	5.2	4.3	15,377	
February.....	65,664	50,538	77.0	47,866	45,307	3,296	42,011	2,558	5.3	4.3	15,126	
March.....	65,747	50,628	77.0	47,957	45,675	3,422	42,253	2,283	4.8	4.1	15,119	
April.....	65,817	51,168	77.7	48,513	46,422	3,738	42,683	2,091	4.3	4.3	14,649	
May.....	65,893	51,908	78.8	49,255	47,314	4,098	43,216	1,941	3.9	4.2	13,985	
June.....	65,974	53,395	80.9	50,746	48,431	4,416	44,015	2,315	4.6	4.1	12,579	
July.....	66,041	54,019	81.8	51,356	49,287	4,384	44,903	2,069	4.0	4.1	12,022	
<b>FEMALE</b>												
1940.....	50,300	14,160	28.2	14,160	11,970	1,090	10,880	2,190	15.5	-	36,140	
1944.....	52,650	19,370	36.8	19,170	18,830	1,930	16,920	320	1.7	-	33,280	
1947.....	54,523	16,915	31.0	16,896	16,340	1,314	15,036	547	3.2	-	37,608	
1948.....	55,118	17,599	31.9	17,583	16,348	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 <sup>4</sup> .....	66,848	24,507	36.7	24,474	22,954	924	22,031	1,519	6.2	-	42,341	
1963.....	67,962	25,141	37.0	25,109	23,479	925	22,554	1,629	6.5	-	42,822	
1964.....	69,079	25,854	37.4	25,823	24,218	877	23,341	1,605	6.2	-	43,225	
1964: July.....	69,119	25,901	37.5	25,871	24,241	1,226	23,015	1,630	6.3	5.8	43,218	
August.....	69,220	25,925	37.5	25,894	24,313	1,052	23,261	1,581	6.1	6.0	43,295	
September.....	69,320	25,782	37.2	25,752	24,248	1,149	23,099	1,503	5.8	6.0	43,538	
October.....	69,421	26,194	37.7	26,164	24,674	1,100	23,574	1,489	5.7	6.3	43,227	
November.....	69,520	26,188	37.7	26,158	24,641	879	23,762	1,517	5.8	5.9	43,332	
December.....	69,619	26,086	37.5	26,056	24,730	541	24,192	1,327	5.1	6.1	43,533	
1965: January.....	69,712	25,487	36.6	25,455	23,940	492	23,447	1,515	6.0	5.8	44,225	
February.....	69,805	25,880	37.1	25,848	24,189	506	23,682	1,659	6.4	6.3	43,925	
March.....	69,904	25,984	37.2	25,952	24,494	567	23,927	1,458	5.6	5.8	43,920	
April.....	69,994	26,139	37.3	26,108	24,648	735	23,913	1,460	5.6	6.0	43,855	
May.....	70,089	26,517	37.8	26,486	25,093	1,031	24,062	1,393	5.3	5.4	43,572	
June.....	70,186	27,288	38.9	27,257	25,284	1,206	24,079	1,972	7.2	5.8	42,899	
July.....	70,212	27,132	38.6	27,101	25,567	1,242	24,325	1,534	5.7	5.2	43,080	

<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.



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

Employment status	(In thousands)								
	Total			Male			Female		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
Total	136,252	136,160	134,216	66,041	65,974	65,097	70,212	70,186	69,119
Total labor force	81,150	80,683	78,958	54,019	53,395	53,057	27,132	27,288	25,901
Civilian labor force	78,457	78,003	76,218	51,356	50,746	50,347	27,101	27,257	25,871
Employed	74,854	73,716	72,405	49,287	48,431	48,164	25,567	25,284	24,241
Agriculture	5,626	5,622	5,819	4,384	4,416	4,593	1,242	1,206	1,226
Nonagricultural industries	69,228	68,094	66,586	44,903	44,015	43,571	24,325	24,079	23,015
Unemployed	3,602	4,287	3,813	2,069	2,315	2,183	1,534	1,972	1,630
Looking for full-time work	3,000	3,617	3,173	1,740	1,990	1,844	1,260	1,627	1,329
Looking for part-time work	603	670	639	329	325	339	274	345	300
Not in labor force	55,102	55,477	55,258	12,022	12,579	12,041	43,080	42,899	43,218

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

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
Total	3,602	4,287	3,813	4.6	5.5	5.0	100.0	100.0	100.0
Male	2,069	2,315	2,183	4.0	4.6	4.3	57.4	54.0	57.2
14 to 19 years	798	998	673	13.2	18.6	12.7	22.2	23.2	17.6
14 and 15 years	136	153	104	10.4	13.2	8.9	3.8	3.6	2.7
16 to 19 years	662	844	569	14.0	20.1	13.7	18.4	19.7	14.9
20 to 24 years	289	386	381	5.4	7.4	7.4	8.0	9.0	10.0
25 to 34 years	283	214	278	2.8	2.1	2.8	7.9	5.0	7.3
35 to 44 years	233	258	262	2.1	2.3	2.3	6.5	6.0	6.9
45 to 54 years	210	196	304	2.1	1.9	3.1	5.8	4.6	8.0
55 to 64 years	183	190	212	2.7	2.8	3.2	5.1	4.4	5.6
65 years and over	72	74	74	3.3	3.4	3.4	2.0	1.7	1.9
Female	1,534	1,972	1,630	5.7	7.2	6.3	42.6	46.0	42.8
14 to 19 years	520	821	498	13.7	24.1	14.7	14.4	19.2	13.1
14 and 15 years	37	77	35	5.8	15.0	6.6	1.0	1.8	.9
16 to 19 years	483	745	464	15.3	25.8	16.2	13.4	17.4	12.2
20 to 24 years	269	311	272	7.9	9.1	8.6	7.5	7.3	7.1
25 to 34 years	214	233	243	5.2	5.5	6.1	5.9	5.4	6.4
35 to 44 years	211	265	258	3.8	4.6	4.7	5.9	6.2	6.8
45 to 54 years	201	193	217	3.5	3.4	3.9	5.6	4.5	5.7
55 to 64 years	88	118	112	2.5	3.2	3.3	2.4	2.8	2.9
65 years and over	30	32	30	3.1	3.3	3.1	.8	.7	.8

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

Industry	Unemployment rate			Percent distribution		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
Total	4.6	5.5	5.0	100.0	100.0	100.0
Experienced wage and salary workers	3.9	4.6	4.5	72.1	70.1	76.3
Agriculture	5.0	6.4	6.5	3.0	3.0	3.9
Nonagricultural industries	3.8	4.5	4.4	69.1	67.1	72.4
Mining, forestry, fisheries	4.5	5.1	6.9	.8	.7	1.3
Construction	7.1	7.4	6.6	9.1	7.6	7.7
Manufacturing	3.8	4.1	4.8	20.8	18.8	24.3
Durable goods	3.2	3.1	4.6	10.1	8.0	13.1
Nondurable goods	4.6	5.4	5.0	10.7	10.8	11.2
Transportation and public utilities	2.5	3.4	2.6	3.2	3.6	3.1
Wholesale and retail trade	4.7	5.4	4.9	16.3	15.2	15.3
Finance, insurance, and real estate	2.2	2.6	2.6	1.9	1.9	2.0
Service industries	3.6	4.8	4.4	15.4	17.5	17.0
Public administration	1.5	1.9	1.8	1.6	1.7	1.8
Self-employed and unpaid family workers	.8	.7	.6	2.5	1.8	1.6
No previous work experience	-	-	-	25.4	28.1	22.1
14 to 19 years	-	-	-	21.7	25.0	17.8
20 years and over	-	-	-	3.7	3.1	4.4

# HOUSEHOLD DATA

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

Occupation	Unemployment rate			Percent distribution		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
Total .....	4.6	5.5	5.0	100.0	100.0	100.0
White-collar workers .....	2.0	2.7	2.3	18.1	20.6	18.9
Professional and technical .....	1.3	2.1	1.8	3.2	4.3	3.7
Managers, officials, and proprietors .....	.9	.9	1.2	1.9	1.6	2.4
Clerical workers .....	2.7	3.8	3.3	8.7	10.4	9.7
Sales workers .....	3.1	3.7	2.5	4.3	4.3	3.1
Blue-collar workers .....	4.8	5.2	5.5	38.7	34.6	40.7
Craftsmen and foremen .....	3.0	3.0	3.0	8.1	6.7	7.6
Operatives .....	5.5	5.8	6.3	21.8	19.4	23.2
Nonfarm laborers .....	6.5	7.8	8.3	8.7	8.5	9.9
Service workers .....	5.2	6.2	5.8	14.9	14.2	15.2
Private household workers .....	5.0	5.0	5.2	3.3	2.7	3.3
Other service workers .....	5.3	6.5	6.0	11.6	11.5	11.9
Farm workers .....	1.9	2.0	2.2	2.8	2.5	3.1
Farmers and farm managers .....	.1	.1	.2	.1	(1)	.1
Farm laborers and foremen .....	3.3	3.6	3.7	2.7	2.4	3.0
No previous work experience .....	-	-	-	25.4	28.1	22.1

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

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

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
<b>COLOR</b>									
Total .....	3,602	4,287	3,813	4.6	5.5	5.0	100.0	100.0	100.0
White, total .....	2,749	3,472	2,880	4.0	5.0	4.3	76.3	81.0	75.5
Male .....	1,612	1,899	1,686	3.5	4.2	3.7	44.8	44.3	44.2
Female .....	1,137	1,573	1,194	4.9	6.7	5.3	31.6	36.7	31.3
Nonwhite, total .....	853	815	933	9.6	9.3	10.9	23.7	19.0	24.5
Male .....	457	416	497	8.8	8.1	9.9	12.7	9.7	13.0
Female .....	396	399	436	10.7	11.0	12.5	11.0	9.3	11.4
<b>MARITAL STATUS</b>									
Total .....	3,602	4,287	3,813	4.6	5.5	5.0	100.0	100.0	100.0
Male .....	2,069	2,315	2,183	4.0	4.6	4.3	57.5	54.0	57.2
Married, wife present .....	758	743	879	2.0	2.0	2.4	21.0	17.3	23.1
Single .....	1,121	1,408	1,081	10.0	13.4	10.3	31.1	32.8	28.4
14 to 19 years .....	775	979	651	13.4	19.1	12.8	21.5	22.8	17.1
20 years and over .....	346	429	430	6.4	8.0	7.9	9.6	10.0	11.3
Other marital status .....	191	164	222	7.0	6.0	8.6	5.3	3.8	5.8
Female .....	1,534	1,972	1,630	5.7	7.2	6.3	42.6	46.0	42.8
Married, husband present .....	594	674	659	4.1	4.5	4.8	16.5	15.7	17.3
Single .....	635	1,004	624	8.8	14.3	9.2	17.6	23.4	16.4
14 to 19 years .....	450	762	449	13.1	24.8	14.6	12.5	17.8	11.8
20 years and over .....	185	242	175	4.9	6.1	4.7	5.1	5.6	4.6
Other marital status .....	304	294	346	5.7	5.5	6.5	8.4	6.9	9.1
<b>HOUSEHOLD RELATIONSHIP</b>									
Total .....	3,602	4,287	3,813	4.6	5.5	5.0	100.0	100.0	100.0
Household head .....	1,134	1,110	1,285	2.5	2.4	2.8	31.5	25.9	33.7
Living with relatives .....	926	902	1,045	2.3	2.2	2.6	25.7	21.0	27.4
Not living with relatives .....	208	208	240	3.9	3.9	4.7	5.8	4.9	6.3
Wife of head .....	549	660	633	3.9	4.5	4.7	15.2	15.4	16.6
Other relative of head .....	1,860	2,452	1,816	10.7	15.2	11.1	51.6	57.2	47.6
Non-relative of head .....	60	65	79	4.5	4.4	5.9	1.7	1.5	2.1

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

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964		July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
<b>Total</b> .....	3,602	4,287	3,813	100.0	100.0	100.0	<b>Total</b> .....	3,602	4,287	3,813	100.0	100.0	100.0
Less than 5 weeks .....	1,888	2,696	1,670	52.4	62.9	43.8	Persons on temporary layoff .....	130	103	127	3.6	2.4	3.3
5 to 14 weeks .....	1,127	829	1,286	31.3	19.4	33.7							
5 and 6 weeks .....	453	258	490	12.6	6.0	12.9	Persons scheduled to begin new jobs within 30 days.	136	326	148	3.8	7.6	3.9
7 to 10 weeks .....	495	376	580	13.7	8.8	15.2							
11 to 14 weeks .....	180	196	216	5.0	4.6	5.7	All other unemployed ...	3,336	3,858	3,538	92.6	90.0	92.8
15 weeks and over .....	587	762	857	16.3	17.8	22.5							
15 to 26 weeks .....	250	384	322	6.9	9.0	8.4							
27 weeks and over .....	337	378	535	9.4	8.8	14.0							
Average (mean) duration ..	10.5	9.5	13.3	-	-	-							

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		
	July 1965	July 1964	July 1965	July 1964	July 1965	July 1964	July 1965	July 1964	
<b>INDUSTRY</b>									
<b>Total</b> .....	16.3	22.5	100.0	100.0	9.4	14.0	100.0	100.0	100.0
Experienced wage and salary workers .....	19.4	25.1	86.0	84.9	10.7	15.1	82.2	82.2	85.5
Agriculture .....	6.5	9.5	1.2	1.6	5.6	5.4	1.8	1.5	2.7
Nonagricultural industries .....	20.0	25.9	84.8	83.2	10.9	15.6	80.5	80.7	82.7
Mining, forestry, fisheries .....	(1)	(1)	.9	2.6	(1)	(1)	.9	3.7	.8
Construction .....	18.3	21.4	10.2	7.3	8.8	16.0	8.6	8.8	5.9
Manufacturing .....	22.3	30.7	28.5	33.1	12.1	19.1	26.9	33.1	25.3
Durable goods .....	22.0	32.3	13.7	18.9	12.4	22.8	13.3	21.3	14.6
Nondurable goods .....	22.6	28.6	14.8	14.2	11.9	14.8	13.6	11.8	10.7
Transportation and public utilities .....	18.3	20.8	3.6	2.9	15.7	15.8	5.3	3.6	6.0
Wholesale and retail trade .....	19.4	23.0	19.5	15.6	10.5	11.9	18.3	12.9	15.8
Finance, insurance, and real estate, and service industries ..	19.2	22.5	20.5	19.0	10.6	12.6	19.5	17.0	23.8
Public administration .....	(1)	(1)	1.7	2.8	(1)	(1)	.9	1.7	5.1
Self-employed and unpaid family workers .....	(1)	(1)	2.4	2.2	(1)	(1)	3.8	2.2	13.4
No previous work experience .....	7.4	13.2	11.6	12.9	5.1	9.8	13.9	15.5	1.2
<b>OCCUPATION</b>									
<b>Total</b> .....	16.3	22.5	100.0	100.0	9.4	14.0	100.0	100.0	100.0
White-collar workers .....	20.6	28.6	22.8	24.1	10.3	14.0	19.9	18.9	42.0
Professional and technical .....	20.9	22.4	4.1	3.7	11.3	14.7	3.9	3.9	10.9
Managers, officials, and proprietors .....	(1)	(1)	3.7	4.0	(1)	(1)	3.0	3.2	9.7
Clerical workers .....	19.5	30.4	10.4	13.0	10.9	11.9	10.1	8.2	15.0
Sales workers .....	17.3	24.6	4.6	3.4	6.4	16.1	3.0	3.6	6.3
Blue-collar workers .....	20.4	26.2	48.6	47.3	11.2	17.9	46.4	51.8	37.0
Craftsmen and foremen .....	22.5	31.8	11.2	10.7	12.3	21.8	10.7	11.8	12.5
Operatives .....	19.5	27.4	26.1	28.3	8.9	18.3	20.8	30.3	18.3
Nonfarm laborers .....	21.0	18.9	11.2	8.3	15.9	13.8	14.8	9.7	6.2
Service workers .....	16.6	21.1	15.2	14.2	10.6	11.6	17.0	12.5	13.1
Private household workers .....	15.8	20.0	3.2	2.9	8.3	12.8	3.0	3.0	3.0
Other service workers .....	16.8	21.4	11.9	11.3	11.3	11.3	14.0	9.5	10.0
Farm workers .....	10.8	10.8	1.9	1.5	8.8	5.8	2.7	1.3	6.8
Farmers and farm managers .....	(1)	(1)	.5	.6	(1)	(1)	.9	.7	3.1
Farm laborers and foremen .....	(1)	7.0	1.4	.9	(1)	2.5	1.8	.6	3.8
No previous work experience .....	7.4	13.2	11.6	12.9	5.1	9.8	13.9	15.5	1.2

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

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		
	July 1965	July 1964	July 1965	July 1964	July 1965	July 1964	July 1965	July 1964	
<b>AGE</b>									
Total	16.3	22.5	100.0	100.0	9.4	14.0	100.0	100.0	100.0
Male	16.0	23.7	56.5	60.5	10.1	15.7	62.0	64.1	65.5
14 to 19 years	4.5	10.0	6.1	7.8	2.9	7.3	6.8	9.2	7.7
20 to 24 years	14.5	17.3	7.2	7.7	9.0	11.5	7.7	8.3	6.8
25 to 44 years	17.1	27.6	15.0	17.4	9.9	13.0	15.1	13.2	26.8
45 years and over	35.5	40.1	28.2	27.6	23.4	30.2	32.3	33.5	24.2
Female	16.6	20.8	43.5	39.5	8.3	11.8	38.0	35.9	34.5
14 to 19 years	8.1	8.2	7.2	4.8	4.4	4.2	6.8	3.9	4.8
20 to 24 years	13.0	22.4	6.0	7.1	3.3	12.1	2.7	6.2	4.4
25 to 44 years	18.4	24.8	13.3	14.5	10.6	12.0	13.4	11.3	12.4
45 years and over	31.3	31.2	17.1	13.1	16.0	21.4	15.1	14.5	13.0
<b>COLOR</b>									
Total	16.3	22.5	100.0	100.0	9.4	14.0	100.0	100.0	100.0
White, total	16.5	23.2	77.3	77.9	9.2	14.6	75.1	78.7	88.7
Male	16.9	25.0	46.3	49.1	10.9	17.1	52.1	53.8	58.9
Female	16.0	20.7	31.0	28.8	6.9	11.1	23.1	24.9	29.8
Nonwhite, total	15.5	20.3	22.7	22.1	9.8	12.2	24.9	21.3	11.3
Male	13.1	19.7	10.2	11.4	7.2	11.1	9.8	10.3	6.6
Female	18.4	20.9	12.4	10.6	12.9	13.5	15.1	11.0	4.7
<b>MARITAL STATUS</b>									
Total	16.3	22.5	100.0	100.0	9.4	14.0	100.0	100.0	100.0
Male	16.0	23.7	56.5	60.5	10.1	15.7	62.0	64.1	65.5
Married, wife present	23.1	29.0	29.9	29.8	14.4	19.3	32.3	31.8	47.7
Single	9.4	17.8	17.9	22.4	6.0	12.1	19.9	24.5	14.3
14 to 19 years	4.8	9.7	6.3	7.4	3.1	7.5	7.1	9.2	7.4
20 years and over	19.7	30.0	11.6	15.1	12.4	19.1	12.8	15.4	6.9
Other marital status	26.8	32.0	8.7	8.3	17.4	18.9	9.8	7.9	3.5
Female	16.6	20.8	43.5	39.5	8.3	11.8	38.0	35.9	34.5
Married, husband present	19.2	25.8	19.5	19.9	9.4	13.2	16.6	16.3	18.5
Single	10.4	12.3	11.3	9.0	5.7	7.5	10.7	8.6	9.2
14 to 19 years	7.8	7.8	6.0	4.1	4.2	4.0	5.6	3.4	4.4
20 years and over	16.8	24.0	5.3	4.9	9.2	16.0	5.0	5.2	4.8
Other marital status	24.7	26.3	12.8	10.6	11.8	16.8	10.7	10.9	6.8

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

Age and sex	Looking for full-time work (thousands of persons)			Looking for part-time work (thousands of persons)			Looking for part-time work as a percent of unemployed in each group		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
	<b>Total</b>	3,000	3,617	3,173	603	670	639	16.7	15.6
<b>Male</b>	1,740	1,990	1,844	329	325	339	15.9	14.0	15.5
14 to 19 years	526	762	423	272	235	250	34.1	23.6	37.1
Major activity:									
Going to school	12	167	21	34	91	10	(1)	35.3	(1)
All other	515	595	405	240	147	243	31.8	19.8	37.5
20 to 24 years	274	350	348	14	35	33	4.9	9.1	8.7
25 to 34 years	712	651	820	14	16	23	1.9	2.4	2.7
35 years and over	227	226	253	29	39	32	11.3	14.7	11.2
<b>Female</b>	1,260	1,627	1,329	274	345	300	17.9	17.5	18.4
14 to 19 years	403	627	353	117	194	145	22.5	23.6	29.1
Major activity:									
Going to school	9	178	1	15	81	14	(1)	31.3	(1)
All other	394	449	355	102	113	131	20.6	20.1	27.0
20 to 24 years	236	282	244	34	30	28	12.6	9.6	10.3
25 to 34 years	532	598	620	94	93	98	15.0	13.5	13.6
35 years and over	90	121	114	29	30	28	24.4	19.9	19.7

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

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

Age and sex	Thousands of persons			Labor force participation rate		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
Total	81,150	80,683	78,958	59.6	59.3	58.8
Male	54,019	53,395	53,057	81.8	80.9	81.5
14 to 19 years	6,479	5,852	5,821	62.8	57.0	58.9
14 and 15 years	1,304	1,155	1,173	36.8	32.6	33.5
16 and 17 years	2,338	2,108	2,218	66.5	59.9	61.3
18 and 19 years	2,837	2,589	2,430	87.2	80.8	87.9
20 to 24 years	6,326	6,151	6,073	93.5	91.5	93.7
25 to 34 years	10,684	10,709	10,681	97.8	98.0	98.0
35 to 44 years	11,479	11,540	11,562	97.3	97.6	97.4
45 to 54 years	10,116	10,159	10,033	95.5	95.8	95.6
55 to 64 years	6,765	6,781	6,709	84.6	84.8	85.1
65 years and over	3,937	3,927	3,907	90.4	90.1	90.9
Female	27,132	27,288	25,901	38.6	38.9	37.5
14 to 19 years	3,797	3,406	3,401	37.7	33.9	35.2
14 and 15 years	629	512	532	18.3	14.9	15.6
16 and 17 years	1,318	1,182	1,338	38.4	34.4	37.9
18 and 19 years	1,849	1,713	1,531	57.7	54.2	56.0
20 to 24 years	3,434	3,438	3,164	50.7	51.0	48.5
25 to 34 years	4,161	4,270	3,977	37.1	38.0	35.4
35 to 44 years	5,554	5,777	5,535	44.8	46.5	44.3
45 to 54 years	5,681	5,742	5,503	50.6	51.2	49.8
55 to 64 years	3,544	3,672	3,350	40.6	42.0	39.1
65 years and over	2,204	2,281	2,091	47.0	48.7	45.4
65 years and over	1,340	1,391	1,259	33.1	34.4	31.7
65 years and over	960	980	970	9.8	10.0	10.1

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

Age and sex	(In thousands)					
	Male			Female		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
All industries	49,287	48,431	48,164	25,567	25,284	24,241
14 to 19 years	5,236	4,365	4,646	3,270	2,579	2,897
20 to 24 years	5,035	4,836	4,741	3,153	3,117	2,883
25 to 34 years	9,656	9,749	9,642	3,939	4,030	3,727
35 to 44 years	10,862	10,887	10,897	5,340	5,508	5,273
45 to 54 years	9,820	9,878	9,643	5,479	5,547	5,284
55 to 64 years	6,577	6,587	6,493	3,456	3,555	3,237
65 years and over	2,099	2,129	2,102	930	949	940
Nonagricultural industries	44,903	44,015	43,571	24,325	24,079	23,015
14 to 19 years	4,238	3,472	3,622	3,002	2,375	2,671
20 to 24 years	4,745	4,496	4,402	3,098	3,050	2,821
25 to 34 years	9,184	9,252	9,146	3,808	3,866	3,536
35 to 44 years	10,227	10,228	10,164	5,102	5,290	5,032
45 to 54 years	9,021	9,060	8,850	5,194	5,252	5,013
55 to 64 years	5,854	5,868	5,794	3,268	3,368	3,081
65 years and over	1,634	1,640	1,592	853	877	863
Agriculture	4,384	4,416	4,593	1,242	1,206	1,226
14 to 19 years	998	893	1,025	268	203	226
20 to 24 years	290	341	339	56	66	62
25 to 34 years	472	497	496	131	165	192
35 to 44 years	634	659	733	236	217	242
45 to 54 years	800	819	791	285	296	271
55 to 64 years	722	719	699	188	186	157
65 years and over	467	489	509	76	72	78

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

Characteristics	(In thousands)								
	Total			Male			Female		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
<b>CLASS OF WORKER</b>									
Total	74,854	73,716	72,405	49,287	48,431	48,164	25,567	25,284	24,241
Nonagricultural industries	69,228	68,094	66,586	44,903	44,015	43,571	24,325	24,079	23,015
Wage and salary workers	62,417	61,093	59,759	40,001	38,997	38,569	22,416	22,096	21,190
Private household workers	2,763	2,659	2,776	517	502	502	2,246	2,157	2,274
Government workers	9,336	9,297	8,685	5,691	5,565	5,426	3,645	3,733	3,259
Other wage and salary workers	50,318	49,137	48,298	33,793	32,930	32,641	16,525	16,206	15,657
Self-employed workers	6,208	6,359	6,185	4,804	4,905	4,878	1,404	1,454	1,307
Unpaid family workers	605	644	642	98	113	124	507	531	518
Agriculture	5,626	5,622	5,819	4,384	4,416	4,593	1,242	1,206	1,226
Wage and salary workers	2,033	1,913	2,113	1,617	1,536	1,717	416	377	396
Self-employed workers	2,486	2,530	2,565	2,321	2,378	2,399	165	153	166
Unpaid family workers	1,105	1,177	1,140	446	503	475	659	674	665
<b>OCCUPATION</b>									
Total	74,854	73,716	72,405	49,287	48,431	48,164	25,567	25,284	24,241
White-collar workers	32,271	32,142	30,891	18,259	18,048	17,826	14,012	14,092	13,067
Professional and technical	8,425	8,580	7,897	5,452	5,459	5,236	2,973	3,120	2,663
Managers, officials, and proprietors	7,554	7,581	7,471	6,387	6,401	6,386	1,167	1,180	1,085
Clerical workers	11,492	11,115	10,970	3,589	3,302	3,423	7,903	7,813	7,547
Sales workers	4,800	4,866	4,553	2,831	2,886	2,781	1,969	1,979	1,772
Blue-collar workers	27,614	27,055	26,683	23,490	22,907	22,694	4,124	4,147	3,988
Craftsmen and foremen	9,528	9,196	9,364	9,270	8,881	9,138	257	317	225
Operatives	13,571	13,539	13,140	9,831	9,843	9,483	3,740	3,694	3,657
Nonfarm laborers	4,515	4,320	4,179	4,389	4,183	4,073	127	136	106
Service workers	9,712	9,252	9,373	3,459	3,351	3,360	6,254	5,900	6,012
Private household workers	2,269	2,195	2,285	53	64	70	2,216	2,131	2,215
Other service workers	7,443	7,057	7,088	3,406	3,287	3,290	4,038	3,769	3,797
Farm workers	5,255	5,266	5,458	4,077	4,123	4,283	1,178	1,144	1,176
Farmers and farm managers	2,395	2,441	2,488	2,235	2,292	2,336	160	149	153
Farm laborers and foremen	2,860	2,825	2,970	1,842	1,831	1,947	1,018	995	1,023

Table A-15: Employed persons, by hours worked

Hours worked	(In thousands)								
	All industries			Nonagricultural industries			Agriculture		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
Total .....	74,854	73,716	72,405	69,228	68,094	66,586	5,626	5,622	5,819
With a job but not at work .....	8,031	3,873	7,657	7,912	3,765	7,464	119	108	193
At work .....	66,823	69,842	64,748	61,318	64,331	59,122	5,505	5,512	5,626
1-34 hours .....	12,350	13,109	12,123	10,778	11,462	10,476	1,573	1,646	1,646
1-4 hours .....	831	981	829	760	911	754	72	70	74
5-14 hours .....	2,947	3,436	2,865	2,613	3,101	2,510	332	332	354
15-34 hours .....	8,570	8,692	8,429	7,402	7,448	7,211	1,168	1,243	1,218
35 hours or more .....	54,473	56,734	52,623	50,539	52,867	48,645	3,933	3,866	3,980
35-40 hours .....	31,177	32,795	30,340	30,295	32,011	29,450	882	784	891
41 hours and over .....	23,296	23,939	22,283	20,244	20,856	19,195	3,051	3,082	3,089
Average hours, total at work .....	41.3	41.1	41.3	40.7	40.4	40.7	47.9	48.2	47.8

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

Full- or part-time status	(In thousands)					
	All industries			Nonagricultural industries		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
Total .....	74,854	73,716	72,405	69,228	68,094	66,586
With a job but not at work .....	8,031	3,873	7,657	7,912	3,765	7,464
At work .....	66,823	69,842	64,748	61,318	64,331	59,122
On full-time schedules .....	56,635	59,112	54,833	52,506	54,929	50,609
35 hours or more .....	54,473	56,734	52,623	50,539	52,867	48,645
1-34 hours for noneconomic reasons .....	2,162	2,378	2,210	1,967	2,062	1,964
Bad weather .....	172	445	294	121	211	210
Industrial dispute .....	33	37	9	33	37	9
Vacation .....	568	366	645	549	356	614
Illness .....	683	722	535	616	689	496
Holiday .....	21	22	20	21	21	15
All other reasons .....	685	786	707	627	748	620
On part time for economic reasons .....	2,753	2,541	2,818	2,340	2,236	2,388
Usually work full time .....	1,041	1,070	1,082	874	944	878
Average hours .....	23.5	22.7	22.0	23.6	23.0	22.3
Usually work part time .....	1,712	1,471	1,736	1,466	1,292	1,510
Average hours .....	17.3	17.1	17.0	17.2	16.9	17.0
On part time for noneconomic reasons; usually work part time .....	7,436	8,189	7,094	6,468	7,162	6,124

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

Reason not working	(In thousands)													
	All industries			Nonagricultural industries										
				Total			Wage and salary workers							
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	Number			Percent paid				
						July 1965	June 1965	July 1964	July 1965	June 1965	July 1964			
Total .....	8,031	3,873	7,657	7,912	3,765	7,464	7,479	3,417	7,018	69.4	56.8	67.4		
Bad weather .....	3	17	23	6	6	11	6	-	6	(1)	-	-		
Industrial dispute .....	76	42	32	76	42	32	76	42	32	-	-	-		
Vacation .....	6,159	2,231	5,601	6,116	2,213	5,558	5,873	2,097	5,300	79.6	74.3	78.7		
Illness .....	971	875	922	924	827	854	845	743	773	35.4	34.2	34.5		
All other reasons .....	822	708	1,078	790	678	1,009	678	536	908	32.4	24.4	31.9		

1/ 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	July 1965 (In thousands)												
	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 . . . . .	54,019	81.8	51,356	49,287	4,384	44,903	2,069	4.0	12,022	172	861	1,093	9,895
14 and 15 years . . . . .	1,304	36.8	1,304	1,168	378	790	136	10.4	2,241	12	205	7	2,017
16 and 17 years . . . . .	2,338	66.5	2,291	1,935	409	1,526	356	15.5	1,180	4	169	14	993
18 and 19 years . . . . .	2,837	87.2	2,440	2,134	211	1,923	306	12.5	418	-	163	14	241
20 to 24 years . . . . .	6,326	93.5	5,324	5,035	290	4,745	289	5.4	437	6	218	32	180
25 to 29 years . . . . .	5,395	97.4	4,973	4,822	206	4,616	151	3.0	144	1	65	15	63
30 to 34 years . . . . .	5,289	98.3	4,966	4,834	266	4,568	132	2.7	94	3	19	28	44
35 to 39 years . . . . .	5,661	97.4	5,436	5,316	284	5,032	119	2.2	150	6	10	47	88
40 to 44 years . . . . .	5,818	97.1	5,660	5,546	350	5,195	114	2.0	173	5	10	66	92
45 to 49 years . . . . .	5,306	96.2	5,241	5,131	370	4,762	110	2.1	208	5	1	67	135
50 to 54 years . . . . .	4,810	94.7	4,789	4,689	430	4,259	100	2.1	269	7	-	81	181
55 to 59 years . . . . .	3,937	90.4	3,933	3,842	385	3,457	90	2.3	417	8	-	133	276
60 to 64 years . . . . .	2,828	77.7	2,827	2,735	337	2,397	93	3.3	811	14	-	150	648
65 to 69 years . . . . .	1,214	43.2	1,214	1,168	201	968	46	3.8	1,597	24	-	109	1,464
70 years and over . . . . .	958	19.8	958	931	266	666	26	2.7	3,882	78	1	329	3,474
White . . . . .	48,621	82.1	46,188	44,576	3,775	40,801	1,612	3.5	10,610	141	747	911	8,812
Nonwhite . . . . .	5,398	79.3	5,168	4,711	608	4,102	457	8.8	1,412	31	114	182	1,084
Female . . . . .	27,132	38.6	27,101	25,567	1,242	24,325	1,534	5.7	43,080	36,143	1,077	696	5,164
14 and 15 years . . . . .	629	18.3	629	593	120	473	37	5.8	2,814	249	239	9	2,318
16 and 17 years . . . . .	1,318	38.4	1,318	1,082	86	995	236	17.9	2,113	429	292	11	1,381
18 and 19 years . . . . .	1,949	57.7	1,843	1,596	62	1,533	247	13.4	1,354	749	254	8	341
20 to 24 years . . . . .	3,434	50.7	3,423	3,153	56	3,098	269	7.9	3,337	2,959	192	13	174
25 to 29 years . . . . .	2,121	37.4	2,117	1,994	49	1,945	123	5.8	3,554	3,431	40	19	63
30 to 34 years . . . . .	2,040	36.8	2,037	1,945	82	1,863	91	4.5	3,506	3,429	16	11	49
35 to 39 years . . . . .	2,495	41.2	2,493	2,377	100	2,276	117	4.7	3,565	3,447	13	18	87
40 to 44 years . . . . .	3,059	48.2	3,057	2,963	136	2,826	94	3.1	3,282	3,192	7	24	59
45 to 49 years . . . . .	2,976	51.0	2,975	2,857	171	2,686	119	4.0	2,862	2,777	10	28	46
50 to 54 years . . . . .	2,705	50.3	2,704	2,622	114	2,508	82	3.0	2,675	2,591	2	26	56
55 to 59 years . . . . .	2,204	47.0	2,204	2,146	108	2,038	58	2.6	2,486	2,374	6	21	84
60 to 64 years . . . . .	1,340	33.1	1,340	1,310	80	1,230	30	2.2	2,710	2,594	2	50	64
65 to 69 years . . . . .	581	17.2	581	559	40	518	22	3.8	2,792	2,629	2	58	103
70 years and over . . . . .	379	5.9	379	371	36	335	8	2.0	6,031	5,291	-	400	340
White . . . . .	23,427	37.4	23,399	22,261	924	21,337	1,137	4.9	39,171	33,108	922	613	4,528
Nonwhite . . . . .	3,705	48.7	3,702	3,306	318	2,988	396	10.7	3,909	3,035	155	83	636

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

Industry	July 1965 (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						
Total <sup>1</sup> . . . . .	100.0	85.9	1.5	2.5	10.1	100.0	17.1	52.6	15.0	15.1
Construction . . . . .	100.0	90.7	3.2	2.7	3.4	100.0	13.6	56.5	14.9	15.0
Manufacturing . . . . .	100.0	95.0	1.7	.8	2.4	100.0	8.6	60.0	17.3	14.0
Durable goods . . . . .	100.0	97.1	1.2	.4	1.3	100.0	6.8	61.1	17.1	15.0
Nondurable goods . . . . .	100.0	92.4	2.5	1.2	3.9	100.0	11.1	58.5	17.7	12.7
Transportation and public utilities . . . . .	100.0	94.5	1.4	1.2	2.8	100.0	7.4	62.3	13.5	16.7
Wholesale and retail trade . . . . .	100.0	80.2	1.3	3.7	14.9	100.0	22.0	39.3	18.3	20.5
Finance, insurance, and real estate . . . . .	100.0	89.2	.6	1.0	9.3	100.0	13.4	61.5	10.8	14.4
Service industries . . . . .	100.0	71.0	1.2	5.2	22.6	100.0	32.2	43.8	12.0	12.0

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

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

July 1965  
(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	28,287	100.0	87.5	0.7	1.0	10.8	100.0	15.4	50.7	12.6	21.3	41.9
Professional and technical	6,675	100.0	88.7	.4	.4	10.4	100.0	14.9	53.7	11.0	20.3	41.6
Managers, officials, and proprietors	6,948	100.0	95.9	.4	.3	3.4	100.0	6.5	33.0	16.0	44.5	50.1
Clerical workers	10,305	100.0	86.4	.6	1.2	11.9	100.0	16.6	66.9	10.6	6.0	38.0
Sales workers	4,359	100.0	75.1	1.4	2.5	21.0	100.0	27.4	36.0	14.5	22.1	38.8
Blue-collar workers	24,563	100.0	90.0	2.3	2.7	5.0	100.0	13.9	52.1	17.2	16.8	41.2
Craftsmen and foremen	8,576	100.0	94.9	1.6	.9	2.7	100.0	9.0	52.8	18.9	19.4	42.8
Operatives	11,692	100.0	92.0	2.7	1.9	3.4	100.0	11.9	54.0	17.4	16.7	41.9
Nonfarm laborers	4,295	100.0	74.7	2.9	8.2	14.2	100.0	29.4	45.8	13.0	11.8	36.0
Service workers	8,818	100.0	67.1	1.4	6.3	25.2	100.0	35.3	36.8	14.7	13.3	35.6
Private household workers	2,153	100.0	39.0	1.2	12.9	46.8	100.0	63.4	21.1	8.0	7.4	25.2
Other service workers	6,665	100.0	76.0	1.5	4.2	18.2	100.0	26.2	41.8	16.7	15.2	39.0

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

July 1965

Occupation	Thousands			Percent distribution									
	Total	Male	Female	Total	Male	Female	White			Nonwhite			
							Total	Male	Female	Total	Male	Female	
Total	74,854	49,287	25,567	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	32,271	18,259	14,012	43.1	37.0	54.8	46.0	39.2	59.6	18.8	16.4	22.3	
Professional and technical	8,425	5,452	2,973	11.3	11.1	11.6	11.9	11.7	12.2	6.0	4.9	7.5	
Medical and other health	1,540	634	906	2.1	1.3	3.5	2.2	1.4	3.8	1.1	.6	1.8	
Teachers, except college	1,315	349	966	1.8	.7	3.8	1.7	.7	3.8	1.8	.6	3.7	
Other professional and technical	5,570	4,469	1,101	7.4	9.1	4.3	8.0	9.6	4.6	3.0	3.7	2.1	
Managers, officials, and proprietors	7,554	6,387	1,167	10.1	13.0	4.6	11.0	14.0	5.0	2.7	3.5	1.7	
Salariatd workers	4,625	3,928	696	6.2	8.0	2.7	6.8	8.7	3.0	1.2	1.5	.7	
Self-employed workers in retail trade	1,417	1,106	312	1.9	2.2	1.2	2.0	2.4	1.3	.8	1.0	.7	
Self-employed workers, except retail trade	1,512	1,353	159	2.0	2.7	.6	2.2	2.9	.7	.7	1.0	.4	
Clerical workers	11,692	3,589	7,903	15.4	7.3	30.9	16.2	7.4	33.8	8.2	6.0	11.3	
Stenographers, typists, and secretaries	2,845	64	2,781	3.8	.1	10.9	4.1	.1	12.0	1.3	-	3.1	
Other clerical workers	8,647	3,525	5,122	11.6	7.2	20.0	12.1	7.3	21.8	6.9	5.9	8.3	
Sales workers	4,800	2,831	1,969	6.4	5.7	7.7	6.9	6.1	8.6	1.9	2.0	1.8	
Retail trade	2,935	1,187	1,748	3.9	2.4	6.8	4.2	2.6	7.6	1.2	1.0	1.5	
Other sales workers	1,865	1,644	221	2.5	3.3	.9	2.7	3.6	.9	.7	1.0	.3	
Blue-collar workers	27,614	23,490	4,124	36.9	47.7	16.1	36.7	46.9	16.3	38.6	55.2	14.9	
Craftsmen, foremen	9,528	9,270	257	12.7	18.8	1.0	13.5	19.7	1.1	6.2	10.1	.6	
Carpenters	928	928	-	1.2	1.9	-	1.3	2.0	-	.5	.8	-	
Construction craftsmen, except carpenters	1,957	1,939	18	2.6	3.9	.1	2.7	4.0	.1	1.8	3.0	.1	
Mechanics and repairmen	2,418	2,403	15	3.2	4.9	.1	3.4	5.1	.1	1.7	3.0	-	
Metal craftsmen, except mechanics	1,048	1,039	9	1.4	2.1	(1)	1.5	2.2	(1)	.6	1.0	(1)	
Other craftsmen and kindred workers	1,829	1,706	123	2.4	3.5	.5	2.6	3.6	.5	1.2	1.8	.3	
Foremen, not elsewhere classified	1,348	1,255	92	1.8	2.5	.4	2.0	2.8	.4	.4	.5	.2	
Operatives	13,571	9,831	3,740	18.1	19.9	14.6	17.9	19.4	14.7	20.3	24.9	13.8	
Drivers and deliverymen	2,490	2,456	34	3.3	5.0	.1	3.3	4.8	.2	3.9	6.6	-	
Other operatives	11,081	7,375	3,706	14.8	15.0	14.5	14.6	14.6	14.6	16.5	18.3	13.8	
Durable goods manufacturing	4,380	3,373	1,007	5.9	6.8	3.9	5.8	6.7	4.1	6.2	8.5	2.8	
Nondurable goods manufacturing	3,654	1,757	1,897	4.9	3.6	7.4	4.9	3.5	7.7	4.5	3.9	5.5	
Other industries	3,047	2,245	802	4.1	4.6	3.1	3.9	4.4	2.8	5.8	6.0	5.5	
Nonfarm laborers	4,515	4,389	127	6.0	8.9	.5	5.3	7.7	.5	12.1	20.2	.5	
Construction	1,056	1,049	7	1.4	2.1	(1)	1.2	1.8	(1)	3.3	5.7	-	
Manufacturing	1,103	1,047	56	1.5	2.1	.2	1.3	1.9	.2	2.9	4.7	.2	
Other industries	2,356	2,293	64	3.1	4.7	.3	2.8	4.1	.3	5.9	9.8	.2	
Service workers	9,712	3,459	6,254	13.0	7.0	24.5	10.7	6.0	20.2	31.7	16.5	53.3	
Private household workers	2,269	53	2,216	3.0	.1	8.7	1.9	.1	5.5	12.5	.2	30.0	
Service workers, except private household	7,443	3,406	4,038	9.9	6.9	15.8	8.8	5.9	14.7	19.2	16.3	23.3	
Protective service workers	952	906	46	1.3	1.8	.2	1.4	2.0	.2	.4	.7	(1)	
Waiters, cooks, and bartenders	2,050	536	1,514	2.7	1.1	5.9	2.7	1.0	6.1	3.3	2.2	4.9	
Other service workers	4,441	1,964	2,478	5.9	4.0	9.7	4.8	3.0	8.4	15.4	13.3	18.4	
Farm workers	5,255	4,077	1,178	7.0	8.3	4.6	6.6	7.9	3.9	10.9	11.9	9.5	
Farmers and farm managers	2,395	2,235	160	3.2	4.5	.6	3.4	4.8	.6	1.7	2.4	.6	
Farm laborers and foremen	2,860	1,842	1,018	3.8	3.7	4.0	3.2	3.1	3.3	9.2	9.5	8.9	
Paid workers	1,769	1,399	370	2.4	2.8	1.4	1.7	2.2	.6	8.2	8.7	7.4	
Unpaid family workers	1,091	443	648	1.5	.9	2.5	1.5	.9	2.7	1.1	.7	1.5	

1/ 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**

July 1965  
(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 .....	61,318	100.0	85.6	1.4	2.4	10.6	100.0	17.5	49.4	33.0	40.7
Male .....	40,691	100.0	91.2	1.4	1.9	5.6	100.0	11.8	47.2	41.1	43.4
14 to 17 years .....	2,260	100.0	39.1	1.6	15.7	43.7	100.0	63.1	21.4	15.6	25.7
18 and 19 years .....	1,856	100.0	81.2	3.4	5.7	9.6	100.0	20.5	46.8	32.6	39.6
20 to 24 years .....	4,467	100.0	92.8	1.6	1.4	4.2	100.0	10.2	49.2	40.6	43.6
25 to 34 years .....	8,343	100.0	96.4	1.6	.7	1.4	100.0	7.0	48.1	45.0	45.3
35 to 44 years .....	9,120	100.0	97.5	1.0	.6	1.0	100.0	5.7	47.4	47.0	45.7
45 to 64 years .....	13,200	100.0	95.9	1.2	.8	2.1	100.0	7.1	51.3	41.6	44.8
65 years and over .....	1,443	100.0	68.5	.3	1.8	29.5	100.0	33.7	37.8	28.6	36.5
Female .....	20,627	100.0	74.7	1.6	3.4	20.4	100.0	29.2	53.8	17.1	35.5
14 to 17 years .....	1,433	100.0	34.1	1.1	12.0	52.8	100.0	66.6	23.7	9.7	23.7
18 and 19 years .....	1,462	100.0	78.1	2.0	6.9	13.1	100.0	24.4	59.9	15.8	36.3
20 to 24 years .....	2,729	100.0	84.2	2.1	2.7	11.0	100.0	19.1	66.7	14.2	37.1
25 to 34 years .....	3,222	100.0	77.1	1.8	1.8	19.3	100.0	27.6	57.0	15.4	35.3
35 to 44 years .....	4,222	100.0	77.8	1.7	1.7	18.8	100.0	27.2	53.8	19.0	36.6
45 to 64 years .....	6,827	100.0	78.2	1.3	3.0	17.5	100.0	25.6	54.7	19.7	37.2
65 years and over .....	733	100.0	48.0	.2	3.2	48.6	100.0	54.0	28.6	17.4	29.8
<b>MARITAL STATUS AND SEX</b>											
Male: Single .....	8,161	100.0	74.0	1.9	6.9	17.1	100.0	28.5	43.3	28.1	37.0
Married, wife present .....	30,445	100.0	95.8	1.2	.5	2.5	100.0	7.2	47.9	44.9	45.1
Other .....	2,085	100.0	91.5	2.1	2.0	4.3	100.0	11.9	51.6	36.4	43.2
Female: Single .....	5,596	100.0	71.9	1.4	6.1	20.6	100.0	30.4	54.6	15.0	34.2
Married, husband present .....	10,785	100.0	73.9	1.6	1.8	22.7	100.0	30.2	53.5	16.3	35.6
Other .....	4,246	100.0	80.3	1.8	3.8	14.3	100.0	24.7	53.4	22.1	37.2
<b>COLOR AND SEX</b>											
White .....	54,951	100.0	86.3	1.3	2.0	10.4	100.0	16.8	49.2	34.0	41.0
Male .....	36,919	100.0	91.6	1.2	1.6	5.6	100.0	11.2	46.6	42.2	43.7
Female .....	18,032	100.0	75.2	1.5	2.8	20.4	100.0	28.4	54.4	17.1	35.7
Nonwhite .....	6,367	100.0	80.7	2.3	5.7	11.4	100.0	23.6	51.6	24.9	38.1
Male .....	3,771	100.0	87.8	2.5	4.4	5.3	100.0	16.4	53.3	30.3	40.6
Female .....	2,596	100.0	70.1	2.0	7.6	20.3	100.0	34.0	49.1	16.9	34.5

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

July 1965  
(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 .....	66,823	5,505	1,998	2,402	1,105	61,318	54,940	2,642	7,406	44,892	5,775	603
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 .....	18.6	28.7	35.5	19.0	37.0	17.5	17.1	66.2	13.2	14.9	19.0	40.4
1 to 14 hours .....	5.7	7.4	11.0	7.7	-	5.5	5.3	39.1	2.8	3.7	8.0	-
15 to 21 hours .....	5.1	9.2	10.4	4.4	17.3	4.7	4.4	14.4	4.1	3.9	5.3	23.9
22 to 29 hours .....	3.9	7.3	8.6	3.6	12.9	3.5	3.5	6.7	2.7	3.5	2.9	9.9
30 to 34 hours .....	3.9	4.8	5.5	3.3	6.8	3.8	3.9	6.0	3.6	3.8	2.8	6.6
35 to 40 hours .....	46.6	16.0	19.1	10.8	21.6	49.4	52.6	19.4	65.3	52.5	21.4	24.6
35 to 39 hours .....	6.5	7.0	6.1	4.6	13.7	6.5	6.8	5.6	5.4	7.1	3.3	9.7
40 hours .....	40.1	9.0	13.0	6.2	7.9	42.9	45.8	13.8	59.9	45.4	18.1	14.9
41 hours and over .....	34.8	55.4	45.4	70.3	41.3	33.0	30.1	14.3	21.6	32.7	59.6	34.9
41 to 47 hours .....	7.8	5.3	7.6	3.5	5.2	8.0	8.2	3.8	6.0	8.9	6.1	4.9
48 hours .....	6.5	3.9	4.7	3.8	2.9	6.7	6.8	3.6	4.7	7.4	6.2	2.3
49 hours and over .....	20.5	46.2	33.1	63.0	33.2	18.3	15.1	6.9	10.9	16.4	47.3	27.7
49 to 54 hours .....	6.7	7.6	9.9	6.5	6.0	6.7	6.1	3.0	3.6	6.8	11.4	7.5
55 to 59 hours .....	2.9	3.4	4.0	2.9	3.3	2.8	2.6	1.2	2.0	2.8	4.9	3.3
60 to 69 hours .....	5.6	13.0	9.9	17.1	9.6	5.0	4.0	1.3	2.4	4.5	14.0	4.8
70 hours and over .....	5.3	22.2	9.3	36.5	14.3	3.8	2.4	1.4	2.9	2.3	17.0	12.1
Average hours, total at work .....	41.3	47.9	40.6	56.3	42.9	40.7	40.0	23.7	40.3	40.9	48.1	40.0

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

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

(In thousands)

Employment status	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964
Total labor force . . . . .	78,874	78,356	78,127	78,063	77,647	77,755	77,621	77,432	77,140	76,996	77,023	77,006	76,928
Civilian labor force . . . . .	76,181	75,676	75,443	75,377	74,944	75,051	74,914	74,706	74,409	74,259	74,280	74,255	74,188
Employed . . . . .	72,766	72,118	71,937	71,717	71,440	71,304	71,284	71,004	70,755	70,379	70,465	70,458	70,496
Agriculture . . . . .	4,674	4,659	4,958	4,843	4,550	4,595	4,513	4,541	4,671	4,721	4,815	4,817	4,864
Nonagricultural industries . . . . .	68,092	67,459	66,979	66,874	66,890	66,709	66,771	66,463	66,084	65,658	65,650	65,641	65,632
Unemployed . . . . .	3,415	3,558	3,506	3,660	3,504	3,747	3,630	3,702	3,654	3,880	3,815	3,797	3,692

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

Selected unemployment rates	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964
Total (all civilian workers) . . . . .	4.5	4.7	4.6	4.9	4.7	5.0	4.8	5.0	4.9	5.2	5.1	5.1	5.0
Men, 20 years and over . . . . .	3.1	3.2	3.3	3.4	3.3	3.6	3.5	3.5	3.5	4.0	3.8	3.7	3.8
20-24 years . . . . .	5.8	7.2	6.9	7.1	6.3	6.9	7.1	6.8	7.5	9.1	8.6	8.1	7.9
25 years and over . . . . .	2.8	2.7	2.8	3.0	3.0	3.2	3.1	3.1	3.0	3.4	3.2	3.2	3.2
Women, 20 years and over . . . . .	4.3	4.8	4.3	4.6	4.6	5.1	4.5	4.7	5.0	5.1	5.0	5.0	5.0
Both sexes, 14-19 years . . . . .	13.2	14.1	14.5	15.2	13.9	14.4	15.2	15.7	14.3	14.3	14.3	15.0	13.2
Married men (wife present) . . . . .	2.3	2.4	2.5	2.5	2.5	2.6	2.7	2.6	2.4	2.9	2.8	2.6	2.7
Experienced wage and salary workers . . . . .	4.2	4.7	4.2	4.5	4.3	4.6	4.5	4.5	4.7	5.0	4.9	4.9	4.8
Labor force time lost . . . . .	5.2	5.5	5.1	5.3	5.1	5.4	5.3	5.3	5.2	5.7	5.7	5.7	5.7

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

(In thousands)

Duration of unemployment	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964
Less than 5 weeks . . . . .	1,826	1,802	1,876	1,858	1,719	1,752	1,663	1,719	1,593	1,817	1,806	1,824	1,615
5 to 14 weeks . . . . .	988	1,023	1,058	1,027	966	1,037	1,032	1,055	1,066	1,129	1,094	1,126	1,127
15 weeks and over:													
Number . . . . .	659	806	696	809	800	905	823	889	932	933	924	910	962
Percent of civilian labor force . . . . .	.9	1.1	.9	1.1	1.1	1.2	1.1	1.2	1.3	1.3	1.2	1.2	1.3

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

(In thousands)

Employment status, age and sex	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964
Civilian labor force . . . . .	76,181	75,676	75,443	75,377	74,944	75,051	74,914	74,706	74,409	74,259	74,280	74,255	74,188
Men, 20 years and over . . . . .	44,958	44,996	45,052	44,947	44,943	45,038	44,930	44,687	44,593	44,642	44,617	44,644	44,688
Women, 20 years and over . . . . .	23,878	23,895	23,375	23,455	23,380	23,501	23,489	23,375	23,159	23,110	23,058	23,107	23,005
Both sexes, 14 to 19 years . . . . .	7,345	6,785	7,016	6,975	6,621	6,512	6,495	6,644	6,657	6,507	6,605	6,504	6,495
Employed, all industries . . . . .	72,766	72,118	71,937	71,717	71,440	71,304	71,284	71,004	70,755	70,379	70,465	70,458	70,496
Men, 20 years and over . . . . .	43,544	43,542	43,579	43,415	43,438	43,418	43,345	43,125	43,050	42,862	42,901	42,976	43,008
Women, 20 years and over . . . . .	22,846	22,750	22,362	22,387	22,299	22,314	22,434	22,277	22,000	21,942	21,904	21,953	21,852
Both sexes, 14 to 19 years . . . . .	6,376	5,826	5,996	5,915	5,703	5,572	5,505	5,602	5,705	5,575	5,660	5,529	5,636
Employed, nonagricultural industries . . . . .	68,092	67,459	66,979	66,874	66,890	66,709	66,771	66,463	66,084	65,658	65,650	65,641	65,632
Men, 20 years and over . . . . .	40,342	40,262	40,213	40,135	40,265	40,182	40,159	39,954	39,818	39,540	39,542	39,608	39,632
Women, 20 years and over . . . . .	22,097	22,011	21,526	21,570	21,572	21,553	21,674	21,502	21,230	21,224	21,161	21,190	21,082
Both sexes, 14 to 19 years . . . . .	5,653	5,186	5,240	5,169	5,053	4,974	4,938	5,007	5,036	4,994	4,947	4,843	4,918
Unemployed . . . . .	3,415	3,558	3,506	3,660	3,504	3,747	3,630	3,702	3,654	4,894	3,815	3,797	3,692
Men, 20 years and over . . . . .	1,414	1,454	1,473	1,532	1,505	1,620	1,585	1,562	1,543	1,780	1,716	1,668	1,680
Women, 20 years and over . . . . .	1,032	1,145	1,013	1,068	1,081	1,187	1,055	1,098	1,159	1,168	1,154	1,154	1,153
Both sexes, 14 to 19 years . . . . .	969	959	1,020	1,060	918	940	990	1,042	952	932	945	975	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	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964
On full-time schedules . . . . .	55,153	54,656	54,185	53,906	54,335	54,147	54,175	53,682	53,303	52,495	52,789	53,033	53,161
On part time for economic reasons . . . . .	2,116	2,002	1,895	1,825	1,959	1,997	2,128	2,132	1,949	2,098	2,108	2,077	2,154
Usually work full time . . . . .	977	966	950	818	877	952	1,000	1,044	897	961	953	900	981
Usually work part time . . . . .	1,139	1,036	945	1,007	1,082	1,045	1,128	1,088	1,052	1,137	1,155	1,177	1,173
On part time for noneconomic reasons; usually work part time . . . . .	7,926	7,931	7,411	7,193	7,219	7,138	7,338	7,351	7,178	7,332	6,899	7,344	7,505

## 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	6,914	2,187	4,727	
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069	
1957.....	52,894	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399	
1958.....	51,368	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,811	7,839	2,191	5,648	
1959.....	53,297	732	2,950	16,675	4,011	11,127	2,946	8,182	2,594	7,115	8,083	2,233	5,850	
1960.....	54,203	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,392	8,353	2,270	6,083	
1961.....	53,989	672	2,816	16,326	3,903	11,337	2,993	8,344	2,731	7,610	8,594	2,279	6,315	
1962.....	55,515	690	2,902	16,853	3,906	11,566	3,056	8,511	2,800	7,947	8,890	2,340	6,590	
1963.....	56,643	635	2,983	17,005	3,944	11,803	3,119	8,685	2,873	8,230	9,199	2,358	6,841	
1964.....	58,188	635	3,106	17,303	3,976	12,188	3,220	8,969	2,944	8,533	9,502	2,348	7,155	
1964:														
July.....	58,418	646	3,424	17,299	4,031	12,173	3,245	8,928	2,998	8,698	9,149	2,355	6,794	
August...	58,680	647	3,482	17,498	4,043	12,201	3,266	8,935	2,998	8,676	9,135	2,356	6,779	
September	59,258	645	3,391	17,792	4,045	12,243	3,258	8,985	2,972	8,661	9,509	2,320	7,189	
October...	59,164	644	3,376	17,428	4,028	12,341	3,269	9,072	2,961	8,676	9,710	2,329	7,381	
November.	59,441	643	3,273	17,638	4,013	12,518	3,272	9,246	2,958	8,608	9,790	2,352	7,438	
December.	59,938	635	3,053	17,601	4,024	13,166	3,298	9,868	2,957	8,585	9,917	2,482	7,435	
1965:														
January..	58,271	619	2,837	17,456	3,880	12,275	3,254	9,021	2,949	8,515	9,740	2,323	7,417	
February.	58,398	616	2,756	17,538	3,933	12,209	3,252	8,957	2,960	8,564	9,822	2,319	7,503	
March....	58,847	615	2,865	17,643	3,985	12,262	3,260	9,002	2,973	8,623	9,881	2,326	7,555	
April....	59,545	623	3,020	17,732	4,004	12,517	3,272	9,245	2,985	8,754	9,910	2,337	7,573	
May.....	60,058	632	3,245	17,826	4,041	12,528	3,286	9,242	3,002	8,859	9,925	2,338	7,587	
June.....	60,865	643	3,419	18,105	4,108	12,655	3,330	9,325	3,032	8,966	9,937	2,373	7,564	
July.....	60,673	642	3,481	18,082	4,112	12,655	3,370	9,285	3,070	9,022	9,609	2,385	7,224	

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

Industry	(In thousands)									
	All employees					Production workers <sup>1</sup>				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<b>TOTAL</b> .....	60,673	60,865	60,058	58,418	58,596	-	-	-	-	-
<b>MINING</b> .....	642	643	632	646	651	-	505	495	508	512
<b>METAL MINING</b> .....	-	87.6	85.2	77.6	85.2	-	73.3	71.2	64.1	71.2
Iron ores .....	-	30.3	29.1	28.0	27.9	-	26.0	24.9	24.0	24.0
Copper ores .....	-	30.3	29.6	21.6	29.6	-	24.9	24.3	17.0	24.3
<b>COAL MINING</b> .....	-	138.7	139.2	142.9	143.3	-	121.2	121.9	126.0	126.2
Bituminous .....	-	128.8	129.2	131.6	132.1	-	112.5	113.1	115.9	116.2
<b>CRUDE PETROLEUM AND NATURAL GAS</b> .....	-	287.5	282.4	297.3	295.2	-	202.6	197.8	210.6	208.4
Crude petroleum and natural gas fields .....	-	158.5	156.0	165.1	164.6	-	90.0	87.3	94.8	94.5
Oil and gas field services .....	-	129.0	126.4	132.2	130.6	-	112.6	110.5	115.8	113.9
<b>QUARRYING AND NONMETALLIC MINING</b> .....	-	128.7	124.7	128.3	126.8	-	107.9	104.5	107.2	105.9
<b>CONTRACT CONSTRUCTION</b> .....	3,481	3,419	3,245	3,424	3,308	-	2,930	2,764	2,960	2,853
<b>GENERAL BUILDING CONTRACTORS</b> .....	-	1,080.5	1,010.2	1,073.4	1,034.8	-	930.4	863.1	937.1	900.8
<b>HEAVY CONSTRUCTION</b> .....	-	710.0	653.5	725.5	699.2	-	626.7	571.5	642.9	617.2
Highway and street construction .....	-	385.2	347.1	405.2	385.9	-	348.7	311.9	370.7	351.5
Other heavy construction .....	-	324.8	306.4	320.3	313.3	-	278.0	259.6	272.2	265.7
<b>SPECIAL TRADE CONTRACTORS</b> .....	-	1,628.3	1,581.1	1,624.9	1,574.3	-	1,372.4	1,329.5	1,380.3	1,334.6
<b>MANUFACTURING</b> .....	18,082	18,105	17,826	17,299	17,350	13,436	13,489	13,254	12,768	12,847
<b>DURABLE GOODS</b> .....	10,494	10,501	10,339	9,855	9,903	7,788	7,812	7,674	7,227	7,292
<b>NONDURABLE GOODS</b> .....	7,588	7,604	7,487	7,444	7,447	5,648	5,677	5,580	5,541	5,555
<i>Durable Goods</i>										
<b>ORDNANCE AND ACCESSORIES</b> .....	250.0	245.5	243.3	254.2	257.9	105.4	101.6	99.9	103.7	105.5
Ammunition, except for small arms .....	190.1	187.2	186.1	193.7	196.6	68.3	65.9	65.1	66.5	67.7
Sighting and fire control equipment .....	-	11.2	11.1	12.5	12.7	-	4.4	4.4	5.2	5.3
Other ordnance and accessories .....	48.6	47.1	46.1	48.0	48.6	32.6	31.3	30.4	32.0	32.5
<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> .....	626.8	623.3	597.3	623.3	620.1	563.2	559.4	532.7	560.1	555.8
Logging camps and logging contractors .....	100.6	96.5	85.7	96.5	94.0	96.9	92.1	79.9	91.3	89.0
Sawmills and planing mills .....	262.5	263.0	255.7	266.9	266.1	240.6	241.2	234.1	244.6	242.6
Sawmills and planing mills, general .....	-	225.9	219.3	230.9	229.7	-	207.5	201.0	211.7	209.2
Millwork, plywood, and related products .....	159.6	158.0	153.0	157.0	156.5	134.8	133.5	128.8	133.4	133.0
Millwork .....	-	69.3	67.1	70.8	70.1	-	56.3	54.3	57.7	57.1
Veneer and plywood .....	-	70.5	69.5	68.2	69.1	-	64.6	63.5	62.8	63.7
Wooden containers .....	37.0	38.3	36.9	37.5	38.3	33.4	34.5	33.1	34.1	34.7
Wooden boxes, shooks, and crates .....	-	30.0	28.7	29.4	29.4	-	27.1	25.7	26.8	26.7
Miscellaneous wood products .....	67.1	67.5	66.0	65.4	65.2	57.5	58.1	56.8	56.7	56.5

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>				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<i>Durable Goods--Continued</i>										
<b>FURNITURE AND FIXTURES</b> . . . . .	423.3	423.0	417.0	400.8	401.4	351.9	352.0	346.3	333.3	334.2
Household furniture . . . . .	308.2	309.2	306.1	292.2	292.4	263.7	264.9	262.0	250.6	250.9
Wood house furniture, unupholstered . . . . .	-	161.5	159.4	152.2	151.2	-	143.9	141.9	136.1	135.0
Wood house furniture, upholstered . . . . .	-	76.4	76.5	71.2	71.9	-	63.7	63.8	59.2	60.0
Mattresses and bedsprings . . . . .	-	35.7	35.1	34.5	34.2	-	28.1	27.6	27.2	26.9
Office furniture . . . . .	-	27.6	27.3	26.5	26.6	-	21.5	21.2	20.5	20.6
Partitions; office and store fixtures . . . . .	-	39.9	38.9	37.8	37.5	-	29.8	28.8	28.0	27.8
Other furniture and fixtures . . . . .	46.0	46.3	44.7	44.3	44.9	35.7	35.8	34.3	34.2	34.9
<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . . . .	643.9	639.4	626.9	635.7	634.2	520.6	517.0	505.9	513.5	513.3
Flat glass . . . . .	-	33.0	33.3	32.1	32.0	-	26.4	26.8	25.7	25.8
Glass and glassware, pressed or blown . . . . .	117.2	119.1	117.6	115.2	116.7	102.2	104.1	102.8	100.5	102.2
Glass containers . . . . .	-	65.7	64.1	65.6	65.7	-	58.1	56.8	58.1	58.2
Pressed and blown glassware, n.e.c. . . . .	-	53.4	53.5	49.6	51.0	-	46.0	46.0	42.4	44.0
Cement, hydraulic . . . . .	40.0	39.5	38.7	40.6	40.3	31.3	30.8	30.1	32.1	31.8
Structural clay products . . . . .	70.9	69.9	68.1	70.2	70.3	60.2	59.2	57.6	59.7	59.9
Brick and structural clay tile . . . . .	-	31.1	30.2	31.5	31.2	-	27.5	26.6	27.9	27.7
Pottery and related products . . . . .	-	41.6	41.9	42.7	43.1	-	35.3	35.6	35.9	36.3
Concrete, gypsum, and plaster products . . . . .	186.7	185.6	179.4	185.3	182.3	147.1	146.7	141.2	146.8	143.9
Other stone and mineral products . . . . .	132.4	129.4	126.6	128.7	128.8	99.7	97.2	94.5	95.7	96.5
Abrasive products . . . . .	-	25.2	24.7	24.3	24.1	-	16.6	16.3	15.3	15.2
<b>PRIMARY METAL INDUSTRIES</b> . . . . .	1,317.7	1,315.9	1,294.7	1,234.6	1,234.0	1,078.7	1,079.5	1,061.0	1,003.0	1,005.4
Blast furnace and basic steel products . . . . .	686.2	682.1	667.1	636.8	630.6	565.6	562.7	549.4	522.5	518.3
Blast furnaces, steel and rolling mills . . . . .	-	606.3	591.9	564.9	559.4	-	502.5	489.7	465.7	462.0
Iron and steel foundries . . . . .	224.5	227.2	225.2	211.9	214.3	191.8	195.2	193.5	181.0	184.0
Gray iron foundries . . . . .	-	135.3	134.9	125.6	127.3	-	117.2	116.9	107.8	110.1
Malleable iron foundries . . . . .	-	27.0	26.2	25.3	25.3	-	23.0	22.3	21.6	21.6
Steel foundries . . . . .	-	64.9	64.1	61.0	61.7	-	55.0	54.3	51.6	52.3
Nonferrous smelting and refining . . . . .	74.8	73.7	72.8	69.6	71.1	58.3	57.7	56.8	53.0	54.6
Nonferrous rolling, drawing, and extruding . . . . .	194.1	193.2	191.0	184.4	183.8	149.2	148.5	147.0	139.2	139.0
Copper rolling, drawing, and extruding . . . . .	-	46.8	46.1	46.6	47.6	-	36.2	35.8	35.1	36.6
Aluminum rolling, drawing, and extruding . . . . .	-	62.1	61.5	60.4	57.9	-	47.9	47.3	45.7	43.1
Nonferrous wire drawing and insulating . . . . .	-	64.8	64.3	59.0	59.9	-	50.8	50.5	45.7	46.6
Nonferrous foundries . . . . .	76.1	77.4	76.1	73.2	74.7	64.1	65.1	63.8	60.7	62.0
Aluminum castings . . . . .	-	38.3	37.6	37.1	37.9	-	32.8	32.0	31.2	31.9
Other nonferrous castings . . . . .	-	39.1	38.5	36.1	36.8	-	32.3	31.8	29.5	30.1
Miscellaneous primary metal industries . . . . .	62.0	62.3	62.5	58.7	59.5	49.7	50.3	50.5	46.6	47.5
Iron and steel forgings . . . . .	-	43.1	43.6	40.5	41.3	-	35.4	35.8	32.7	33.4
<b>FABRICATED METAL PRODUCTS</b> . . . . .	1,281.7	1,287.0	1,266.6	1,187.2	1,202.6	993.1	998.6	982.2	909.2	927.0
Metal cans . . . . .	64.6	63.8	63.3	63.7	63.1	54.7	53.7	53.2	53.9	53.4
Cutlery, hand tools, and general hardware . . . . .	151.8	156.5	157.0	138.5	143.2	118.9	123.8	124.1	107.4	112.1
Cutlery and hand tools, including saws . . . . .	-	59.5	59.4	53.5	54.1	-	47.1	47.1	41.6	42.1
Hardware, n.e.c. . . . .	-	97.0	97.6	85.0	89.1	-	76.7	77.0	65.8	70.0
Heating equipment and plumbing fixtures . . . . .	77.8	78.6	77.6	80.6	80.5	58.4	59.1	58.2	60.4	60.9
Sanitary ware and plumbers' brass goods . . . . .	-	36.8	36.0	36.6	36.5	-	29.9	29.2	29.8	29.8
Heating equipment, except electric . . . . .	-	41.8	41.6	44.0	44.0	-	29.2	29.0	30.6	31.1
Fabricated structural metal products . . . . .	384.0	380.2	367.8	362.5	358.1	280.3	276.6	265.6	260.2	257.3
Fabricated structural steel . . . . .	-	102.7	98.6	101.8	100.2	-	76.6	72.7	75.5	74.8
Metal doors, sash, frames, and trim . . . . .	-	69.7	66.3	68.0	67.5	-	51.3	48.1	49.1	48.9
Fabricated plate work (boiler shops) . . . . .	-	97.8	96.1	90.1	89.8	-	67.6	66.3	60.6	60.0
Sheet metal work . . . . .	-	68.0	66.3	62.8	62.0	-	50.8	49.4	46.4	46.0
Architectural and miscellaneous metal work . . . . .	-	42.0	40.5	39.8	38.6	-	30.3	29.1	28.6	27.6
Screw machine products, bolts, etc. . . . .	96.0	97.0	95.9	89.8	91.3	75.4	76.6	75.9	70.1	71.5
Screw machine products . . . . .	-	41.6	41.0	37.7	38.9	-	35.3	34.9	31.4	32.5
Bolts, nuts, screws, rivets, and washers . . . . .	-	55.4	54.9	52.1	52.4	-	41.3	41.0	38.7	39.0
Metal stampings . . . . .	225.7	227.2	226.3	191.6	202.5	184.1	185.3	185.0	153.3	164.3
Coating, engraving, and allied services . . . . .	-	78.5	77.7	73.9	74.5	-	66.1	65.9	62.1	62.8
Miscellaneous fabricated wire products . . . . .	-	63.0	62.6	56.7	58.7	-	51.5	50.5	45.3	47.1
Miscellaneous fabricated metal products . . . . .	140.3	140.8	138.4	129.9	130.7	105.7	105.9	103.8	96.5	97.6
Valves, pipe, and pipe fittings . . . . .	-	83.8	82.6	77.1	77.4	-	60.9	60.1	55.4	55.9

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

Industry	(In thousands)									
	All employees					Production workers <sup>1</sup>				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<i>Durable Goods--Continued</i>										
<b>MACHINERY</b> . . . . .	1,736.1	1,731.0	1,710.7	1,618.0	1,622.5	1,212.2	1,213.3	1,199.0	1,120.0	1,130.0
Engines and turbines . . . . .	90.3	89.8	87.4	86.1	86.2	61.1	61.0	58.9	57.4	57.5
Steam engines and turbines . . . . .	-	33.0	32.9	32.8	32.8	-	18.9	18.8	18.2	18.2
Internal combustion engines, n.e.c. . . . .	-	56.8	54.5	53.3	53.4	-	42.1	40.1	39.2	39.3
Farm machinery and equipment . . . . .	-	133.3	133.1	122.5	125.1	-	97.1	97.5	88.2	90.9
Construction and related machinery . . . . .	247.5	245.9	244.0	234.9	234.3	169.5	168.8	167.9	160.4	160.4
Construction and mining machinery . . . . .	-	133.4	133.3	129.7	130.0	-	94.6	95.0	91.8	92.2
Oil field machinery and equipment . . . . .	-	37.4	36.9	35.2	34.9	-	25.6	25.2	23.9	23.7
Conveyors, hoists, and industrial cranes . . . . .	-	36.3	35.2	33.0	33.1	-	24.0	23.1	21.7	22.1
Metalworking machinery and equipment . . . . .	307.1	307.7	305.3	287.9	290.7	230.2	232.1	230.6	215.0	218.5
Machine tools, metal cutting types . . . . .	-	77.8	76.8	71.2	70.7	-	54.3	53.8	49.2	49.0
Special dies, tools, jigs, and fixtures . . . . .	-	104.4	104.1	98.7	101.6	-	86.2	86.0	81.0	83.8
Machine tool accessories . . . . .	-	52.3	52.1	49.0	49.0	-	38.4	38.3	35.5	35.6
Miscellaneous metalworking machinery . . . . .	-	73.2	72.3	69.0	69.4	-	53.2	52.5	49.3	50.1
Special industry machinery . . . . .	184.4	184.4	183.8	175.6	176.8	127.2	127.6	127.3	119.8	121.5
Food products machinery . . . . .	-	38.4	38.2	36.1	37.0	-	25.0	24.9	22.9	23.9
Textile machinery . . . . .	-	41.9	41.6	38.3	38.9	-	32.8	32.3	29.5	29.8
General industrial machinery . . . . .	271.8	269.9	265.0	250.9	251.3	184.0	182.9	178.6	166.4	167.9
Pumps; air and gas compressors . . . . .	-	75.9	74.8	70.1	70.1	-	44.6	43.8	39.3	39.6
Ball and roller bearings . . . . .	-	59.2	58.2	55.6	55.9	-	46.8	46.0	43.6	44.1
Mechanical power transmission goods . . . . .	-	52.5	50.7	48.3	48.7	-	39.3	37.6	35.4	36.1
Office, computing, and accounting machines . . . . .	182.0	181.6	178.9	166.7	164.8	103.2	104.5	103.3	94.9	95.3
Computing machines and cash registers . . . . .	-	137.4	135.1	123.3	121.3	-	75.0	74.0	65.5	65.5
Service industry machines . . . . .	112.7	114.2	112.6	105.5	106.1	79.3	80.5	79.3	72.7	73.3
Refrigeration, except home refrigerators . . . . .	-	72.3	70.5	65.7	66.1	-	51.5	50.0	45.5	46.0
Miscellaneous machinery . . . . .	203.6	204.2	200.6	187.9	187.2	158.1	158.8	155.6	145.2	144.7
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> . . . . .	1,655.8	1,655.9	1,632.6	1,531.0	1,529.2	1,134.4	1,136.2	1,115.0	1,021.8	1,021.7
Electric distribution equipment . . . . .	183.9	182.6	180.1	172.9	172.0	123.8	123.1	121.2	114.8	114.7
Electric measuring instruments . . . . .	-	60.5	59.6	56.8	56.7	-	39.5	38.9	36.5	36.7
Power and distribution transformers . . . . .	-	46.5	46.2	44.6	44.1	-	32.6	32.4	31.3	30.8
Switchgear and switchboard apparatus . . . . .	-	75.6	74.3	71.5	71.2	-	51.0	49.9	47.0	47.2
Electrical industrial apparatus . . . . .	204.6	203.1	199.8	185.0	185.3	143.4	142.3	139.5	127.1	127.9
Motors and generators . . . . .	-	110.7	109.2	100.0	100.4	-	78.6	77.4	69.6	70.2
Industrial controls . . . . .	-	55.4	54.1	50.1	50.3	-	36.6	35.4	32.6	33.0
Household appliances . . . . .	162.9	162.6	163.8	154.4	157.5	127.7	127.7	128.6	118.4	121.5
Household refrigerators and freezers . . . . .	-	54.8	55.0	49.8	50.8	-	45.1	45.4	39.7	40.7
Household laundry equipment . . . . .	-	23.7	25.1	24.9	24.5	-	18.1	19.2	18.9	18.4
Electric housewares and fans . . . . .	-	36.6	36.0	32.6	34.0	-	28.9	28.3	24.6	26.1
Electric lighting and wiring equipment . . . . .	163.8	165.0	162.8	153.2	153.0	127.0	128.6	126.4	119.0	119.3
Electric lamps . . . . .	-	32.5	31.9	30.6	30.5	-	28.6	28.0	26.7	26.6
Lighting fixtures . . . . .	-	58.6	57.9	54.2	53.9	-	45.4	44.5	41.7	41.5
Wiring devices . . . . .	-	73.9	73.0	68.4	68.6	-	54.6	53.9	50.6	51.2
Radio and TV receiving sets . . . . .	129.4	129.6	122.0	116.1	109.3	102.2	102.4	94.9	90.2	83.7
Communication equipment . . . . .	419.7	417.1	415.0	400.5	400.2	212.9	210.2	209.5	197.8	196.5
Telephone and telegraph apparatus . . . . .	-	124.4	124.0	111.5	110.4	-	85.6	85.6	74.7	73.8
Radio and TV communication equipment . . . . .	-	292.7	291.0	289.0	289.8	-	124.6	123.9	123.1	122.7
Electronic components and accessories . . . . .	295.1	297.5	291.7	257.1	259.2	224.0	226.4	220.4	185.7	188.7
Electron tubes . . . . .	-	69.6	68.8	63.2	63.8	-	48.2	47.5	41.6	42.1
Electronic components, n.e.c. . . . .	-	227.9	222.9	193.9	195.4	-	178.2	172.9	144.1	146.6
Miscellaneous electrical equipment and supplies . . . . .	96.4	98.4	97.4	91.8	92.7	73.4	75.5	74.5	68.8	69.4
Electrical equipment for engines . . . . .	-	55.0	54.5	49.8	50.9	-	43.0	42.4	37.4	38.4
<b>TRANSPORTATION EQUIPMENT</b> . . . . .	1,756.5	1,771.4	1,759.1	1,609.2	1,629.9	1,249.9	1,268.4	1,261.4	1,116.8	1,142.9
Motor vehicles and equipment . . . . .	(*)	893.4	883.0	769.5	781.6	(*)	701.5	693.7	589.4	606.3
Motor vehicles . . . . .	-	374.7	371.3	309.5	313.9	-	281.2	279.0	223.9	231.8
Passenger car bodies . . . . .	-	72.0	71.6	59.4	60.0	-	59.1	58.7	47.4	48.2
Truck and bus bodies . . . . .	-	38.3	36.9	35.8	35.7	-	31.4	30.2	29.1	29.2
Motor vehicle parts and accessories . . . . .	-	382.6	377.7	341.3	348.1	-	309.7	306.0	271.0	278.9
Aircraft and parts . . . . .	618.9	604.5	603.7	595.9	600.5	352.5	341.2	342.7	328.3	333.7
Aircraft . . . . .	-	322.5	318.5	313.0	314.9	-	177.4	175.2	171.2	172.8
Aircraft engines and engine parts . . . . .	-	180.4	184.8	186.0	187.9	-	95.8	100.7	95.3	97.9
Other aircraft parts and equipment . . . . .	-	101.6	100.4	96.9	97.7	-	68.0	66.8	61.8	63.0
Ship and boat building and repairing . . . . .	139.4	159.6	160.4	139.6	142.8	112.2	134.2	134.9	115.9	118.5
Ship building and repairing . . . . .	-	132.4	131.9	115.1	117.4	-	111.1	110.8	96.2	97.8
Boat building and repairing . . . . .	-	27.2	28.5	24.5	25.4	-	23.1	24.1	19.7	20.7
Railroad equipment . . . . .	-	58.7	58.1	54.4	54.0	-	46.1	45.7	42.2	42.0
Other transportation equipment . . . . .	-	55.2	53.9	49.8	51.0	-	45.4	44.4	41.0	42.4

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)					Production workers <sup>1</sup>				
	All employees									
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<i>Durable Goods--Continued</i>										
<b>INSTRUMENTS AND RELATED PRODUCTS</b> . . . . .	386.9	384.7	375.8	368.2	368.9	246.7	246.3	238.5	231.7	232.9
Engineering and scientific instruments . . . . .	-	68.1	64.1	67.5	67.6	-	35.5	31.4	34.6	34.8
Mechanical measuring and control devices . . . . .	100.7	99.7	98.6	96.1	96.2	65.9	65.3	64.5	62.8	63.0
Mechanical measuring devices . . . . .	-	61.6	60.8	59.9	60.0	-	38.5	37.9	37.6	37.6
Automatic temperature controls . . . . .	-	38.1	37.8	36.2	36.2	-	26.8	26.6	25.2	25.4
Optical and ophthalmic goods . . . . .	47.0	47.8	47.6	44.7	45.5	33.5	34.3	34.3	31.8	32.4
Surgical, medical, and dental equipment . . . . .	58.1	57.6	56.8	54.6	54.9	39.7	39.9	39.2	37.6	37.8
Photographic equipment and supplies . . . . .	81.8	81.8	79.5	77.1	76.2	47.4	47.4	45.7	42.7	42.5
Watches and clocks . . . . .	-	29.7	29.2	28.2	28.5	-	23.9	23.4	22.2	22.4
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> . . . . .	415.5	423.5	415.4	393.1	402.3	331.5	339.3	332.4	313.6	323.1
Jewelry, silverware, and plated ware . . . . .	43.6	46.1	46.3	43.2	44.6	33.3	36.0	36.5	33.9	34.9
Toys, amusement, and sporting goods . . . . .	-	122.6	116.7	109.0	111.3	-	102.6	97.2	90.5	93.2
Toys, games, dolls, and play vehicles . . . . .	-	80.7	75.5	69.6	69.8	-	68.4	63.5	59.1	59.7
Sporting and athletic goods, n.e.c. . . . .	-	41.9	41.2	39.4	41.5	-	34.2	33.7	31.4	33.5
Pens, pencils, office, and art materials . . . . .	-	32.8	32.7	31.5	31.2	-	24.3	24.1	23.2	23.1
Costume jewelry, buttons, and notions . . . . .	-	53.9	52.7	52.0	55.3	-	44.4	43.6	42.8	45.6
Other manufacturing industries . . . . .	164.9	168.1	167.0	157.4	159.9	128.7	132.0	131.0	123.2	126.3
<i>Nondurable Goods</i>										
<b>FOOD AND KINDRED PRODUCTS</b> . . . . .	1,750.0	1,704.1	1,657.8	1,765.6	1,717.8	1,152.8	1,111.9	1,072.4	1,171.1	1,125.9
Meat products . . . . .	309.4	304.4	299.5	315.3	313.2	246.1	241.2	236.4	252.6	250.7
Meat packing . . . . .	-	192.5	191.1	198.2	196.5	-	148.0	146.7	154.7	153.1
Sausages and other prepared meats . . . . .	-	44.6	43.9	46.5	46.1	-	32.0	31.3	33.6	33.3
Poultry dressing and packing . . . . .	-	67.3	64.5	70.6	70.6	-	61.2	58.4	64.3	64.3
Dairy products . . . . .	294.2	292.0	285.1	298.3	296.6	142.2	140.2	135.3	145.9	145.7
Ice cream and frozen desserts . . . . .	-	33.6	31.6	35.5	34.5	-	18.8	17.3	20.3	19.5
Fluid milk . . . . .	-	205.4	202.1	210.0	209.0	-	80.5	78.8	85.0	85.0
Canned and preserved food, except meats . . . . .	-	229.3	208.3	264.3	223.2	-	188.3	168.9	224.6	184.2
Canned, cured, and frozen sea foods . . . . .	-	43.6	40.5	46.2	43.2	-	38.3	35.4	41.3	38.2
Canned food, except sea foods . . . . .	-	113.6	102.4	147.3	114.5	-	90.3	79.5	124.3	92.4
Frozen food, except sea foods . . . . .	-	43.3	40.6	42.2	39.0	-	37.3	35.6	36.8	33.7
Grain mill products . . . . .	126.1	126.5	123.4	128.1	129.6	87.0	88.4	85.2	89.9	91.1
Flour and other grain mill products . . . . .	-	30.8	30.8	31.7	32.5	-	21.0	20.7	20.9	21.9
Prepared feeds for animals and fowls . . . . .	-	56.7	54.5	59.6	59.4	-	38.6	36.2	41.2	41.0
Bakery products . . . . .	286.1	284.6	281.7	292.2	291.5	165.9	165.3	163.6	168.9	168.0
Bread, cake, and perishable products . . . . .	-	242.2	239.7	248.6	247.3	-	130.1	128.3	133.0	131.7
Biscuit, crackers, and pretzels . . . . .	-	42.4	42.0	43.6	44.2	-	35.2	35.3	35.9	36.3
Sugar . . . . .	-	30.7	30.9	32.0	31.4	-	23.6	23.8	24.9	24.1
Confectionery and related products . . . . .	66.8	70.1	69.9	69.0	71.3	52.8	56.1	56.0	54.7	56.8
Candy and other confectionery products . . . . .	-	56.6	56.8	54.5	56.9	-	46.5	46.7	44.1	46.3
Beverages . . . . .	228.2	227.1	221.2	226.6	221.0	117.5	117.6	113.6	118.9	114.4
Malt liquors . . . . .	-	64.6	62.0	65.7	61.0	-	43.2	41.4	44.9	40.4
Bottled and canned soft drinks . . . . .	-	123.6	119.9	123.6	121.4	-	47.5	45.3	48.4	47.1
Miscellaneous food and kindred products . . . . .	140.4	139.4	137.8	139.8	140.0	91.1	91.2	89.6	90.7	90.9
<b>TOBACCO MANUFACTURES</b> . . . . .	72.7	73.2	72.8	76.2	76.7	61.7	62.2	61.8	64.9	65.4
Cigarettes . . . . .	-	38.2	37.6	37.7	37.2	-	31.7	31.2	31.3	30.9
Cigars . . . . .	-	22.5	22.1	24.6	25.3	-	21.0	20.5	23.2	23.8
<b>TEXTILE MILL PRODUCTS</b> . . . . .	919.2	931.1	920.9	888.5	902.0	819.5	831.3	821.9	792.8	807.2
Cotton broad woven fabrics . . . . .	233.4	233.6	232.1	228.6	229.2	214.3	214.4	213.3	210.2	211.1
Silk and synthetic broad woven fabrics . . . . .	88.1	88.2	87.2	86.4	87.3	79.4	79.5	78.5	77.6	78.7
Weaving and finishing broad woolens . . . . .	45.8	46.6	46.3	46.7	48.9	40.2	41.0	40.6	41.0	43.0
Narrow fabrics and small wares . . . . .	29.3	30.7	30.5	28.4	28.9	26.0	27.3	27.1	25.0	25.5
Knitting . . . . .	230.1	234.5	230.4	218.4	220.7	206.2	210.2	206.6	195.7	198.1
Full-fashioned hosiery . . . . .	-	14.1	13.9	12.6	12.6	-	12.5	12.3	11.1	11.2
Seamless hosiery . . . . .	-	84.8	84.1	81.4	82.7	-	77.9	77.3	74.7	76.1
Knit outerwear . . . . .	-	75.1	73.4	67.9	68.9	-	65.7	64.3	59.5	60.4
Knit underwear . . . . .	-	34.4	33.6	32.2	32.3	-	31.3	30.6	29.1	29.2
Finishing textiles, except wool and knit . . . . .	78.0	79.1	77.9	76.2	76.9	66.1	67.2	66.0	65.4	66.1
Floor covering . . . . .	-	37.5	37.8	35.6	36.5	-	30.8	31.0	29.2	30.2
Yarn and thread . . . . .	108.3	110.8	109.4	102.5	106.8	99.9	102.7	101.3	94.3	98.9
Miscellaneous textile goods . . . . .	69.4	70.1	69.3	65.7	66.8	57.3	58.2	57.5	54.4	55.6

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>				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<i>Nondurable Goods--Continued</i>										
<b>APPAREL AND RELATED PRODUCTS</b> . . . . .	1,315.7	1,366.9	1,341.3	1,277.9	1,308.3	1,167.4	1,216.7	1,192.4	1,132.9	1,161.1
Men's and boys' suits and coats . . . . .	112.5	118.8	117.3	105.6	114.3	100.7	106.8	105.5	94.1	102.3
Men's and boys' furnishings . . . . .	353.8	363.2	358.5	333.9	340.0	321.4	330.4	325.7	301.9	308.6
Men's and boys' shirts and nightwear . . . . .	-	131.3	128.7	122.9	122.8	-	119.6	117.0	111.0	111.4
Men's and boys' separate trousers . . . . .	-	70.9	70.3	64.4	66.7	-	66.6	65.8	60.3	62.7
Work clothing . . . . .	-	82.6	81.9	76.4	78.5	-	74.4	73.7	68.2	70.5
Women's, misses', and juniors' outerwear . . . . .	386.4	406.7	393.1	386.6	392.0	345.8	364.4	351.6	345.5	349.4
Women's blouses, waists, and shirts . . . . .	-	53.2	51.4	49.6	50.9	-	48.9	47.3	45.5	46.7
Women's, misses', and juniors' dresses . . . . .	-	191.4	196.3	180.7	186.1	-	171.0	175.4	160.9	165.7
Women's suits, skirts, and coats . . . . .	-	90.9	73.0	92.8	86.1	-	81.6	64.8	83.2	76.4
Women's and misses' outerwear, n.e.c. . . . .	-	71.2	72.4	63.5	68.9	-	62.9	64.1	55.9	60.6
Women's and children's undergarments . . . . .	115.7	121.3	120.2	115.3	117.7	101.2	107.2	106.0	101.8	104.3
Women's and children's underwear . . . . .	-	77.8	76.8	76.1	77.4	-	70.8	69.7	69.4	70.9
Corsets and allied garments . . . . .	-	43.5	43.4	39.2	40.3	-	36.4	36.3	32.4	33.4
Hats, caps, and millinery . . . . .	-	30.5	30.2	31.2	29.7	-	27.0	26.6	27.7	26.1
Girls' and children's outerwear . . . . .	79.8	81.7	79.3	79.5	81.6	71.4	73.4	71.1	71.2	73.1
Children's dresses, blouses, and shirts . . . . .	-	36.3	35.1	35.8	37.0	-	33.0	31.9	32.4	33.4
Fur goods and miscellaneous apparel . . . . .	-	78.9	76.7	72.0	75.9	-	68.2	66.4	62.5	66.2
Miscellaneous fabricated textile products . . . . .	161.2	165.8	166.0	153.8	157.1	134.5	139.3	139.5	128.2	131.1
Housefurnishings . . . . .	-	55.6	55.7	54.3	55.0	-	47.0	46.8	45.2	46.0
<b>PAPER AND ALLIED PRODUCTS</b> . . . . .	646.3	646.4	636.6	631.1	635.6	504.7	505.1	496.4	492.0	498.0
Paper and pulp . . . . .	223.2	221.0	216.7	220.6	221.1	178.2	176.0	172.2	176.0	176.8
Paperboard . . . . .	66.6	67.6	66.5	65.7	66.6	53.6	54.3	52.8	52.1	53.2
Converted paper and paperboard products . . . . .	156.8	156.5	155.1	153.0	153.5	114.7	114.7	113.8	112.3	113.5
Bags, except textile bags . . . . .	-	34.4	35.0	34.8	35.5	-	27.3	28.0	27.7	28.3
Paperboard containers and boxes . . . . .	199.7	201.3	198.3	191.8	194.4	158.2	160.1	157.6	151.6	154.5
Folding and setup paperboard boxes . . . . .	-	67.6	66.7	63.6	64.7	-	55.2	54.6	51.9	53.1
Corrugated and solid fiber boxes . . . . .	-	87.5	86.1	83.3	84.4	-	67.8	66.5	63.9	65.1
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b> . . . . .	979.4	976.7	968.5	950.0	952.2	619.7	618.4	614.8	599.2	602.9
Newspaper publishing and printing . . . . .	350.4	349.5	344.1	338.6	339.7	176.8	177.0	175.1	170.0	171.2
Periodical publishing and printing . . . . .	-	67.3	66.8	66.4	66.4	-	23.7	24.1	24.6	24.8
Books . . . . .	-	76.7	77.7	74.5	74.7	-	47.1	47.9	45.4	46.1
Commercial printing . . . . .	310.0	310.9	310.2	303.7	304.9	242.2	243.1	242.6	236.9	238.0
Commercial printing, except lithographic . . . . .	-	206.2	205.5	202.6	203.9	-	163.3	162.5	159.6	160.8
Commercial printing, lithographic . . . . .	-	93.2	93.2	90.0	89.9	-	70.7	70.9	68.4	68.3
Bookbinding and related industries . . . . .	54.6	53.9	52.7	51.7	51.4	44.8	43.9	42.9	41.7	41.6
Other publishing and printing industries . . . . .	119.8	118.4	117.0	115.1	115.1	84.8	83.6	82.2	80.6	81.2
<b>CHEMICALS AND ALLIED PRODUCTS</b> . . . . .	908.0	901.9	899.7	883.8	882.1	543.2	543.5	544.6	530.1	533.0
Industrial chemicals . . . . .	287.4	285.7	283.5	288.6	287.5	163.4	163.5	162.5	165.2	165.6
Plastics and synthetics, except glass . . . . .	205.4	202.6	199.1	187.9	185.8	139.4	137.8	135.2	125.7	124.8
Plastics and synthetics, except fibers . . . . .	-	89.7	87.8	85.4	84.7	-	57.4	56.1	54.0	53.9
Synthetic fibers . . . . .	-	98.7	97.4	88.7	87.4	-	71.0	69.9	62.3	61.6
Drugs . . . . .	115.2	112.4	110.7	113.1	112.6	58.5	57.6	56.5	59.8	60.2
Pharmaceutical preparations . . . . .	-	82.1	80.9	83.6	83.2	-	40.2	39.3	42.5	42.9
Soap, cleaners, and toilet goods . . . . .	100.6	100.5	99.0	97.9	98.4	61.5	61.5	60.4	59.7	60.1
Soap and detergents . . . . .	-	34.2	33.8	35.3	35.6	-	23.5	23.2	24.6	25.0
Toilet preparations . . . . .	-	36.4	35.5	34.1	34.0	-	22.3	21.5	20.6	20.4
Paints, varnishes, and allied products . . . . .	67.8	67.6	66.0	67.0	66.3	37.9	38.3	36.8	38.3	38.1
Agricultural chemicals . . . . .	49.0	52.1	61.5	48.0	50.9	30.6	33.8	43.3	30.2	33.3
Fertilizers, complete and mixing only . . . . .	-	38.8	48.4	34.6	37.4	-	26.8	36.3	23.0	25.9
Other chemical products . . . . .	82.6	81.0	79.9	81.3	80.6	51.9	51.0	49.9	51.2	50.9
<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b> . . . . .	187.4	186.6	182.1	189.7	189.8	116.1	115.8	112.1	118.5	119.0
Petroleum refining . . . . .	150.9	149.7	148.0	153.1	153.4	90.7	90.0	88.5	92.5	93.1
Other petroleum and coal products . . . . .	36.5	36.9	34.1	36.6	36.4	25.4	25.8	23.6	26.0	25.9
<b>RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS</b> . . . . .	453.6	457.9	452.7	425.1	426.9	350.9	355.1	351.7	326.2	329.1
Tires and inner tubes . . . . .	100.0	99.4	99.7	98.9	98.4	70.9	70.5	71.2	70.6	70.2
Other rubber products . . . . .	171.1	173.4	171.9	162.1	163.9	134.4	136.8	135.6	126.2	128.3
Miscellaneous plastic products . . . . .	182.5	185.1	181.1	164.1	164.6	145.6	147.8	144.9	129.4	130.6
<b>LEATHER AND LEATHER PRODUCTS</b> . . . . .	355.6	359.5	354.2	356.1	355.6	312.3	316.5	311.5	313.4	313.2
Leather tanning and finishing . . . . .	30.7	31.8	31.3	31.9	32.4	26.8	27.7	27.3	27.9	28.3
Footwear, except rubber . . . . .	238.5	239.8	237.7	238.5	238.0	212.1	213.4	211.6	211.9	211.7
Other leather products . . . . .	86.4	87.9	85.2	85.7	85.2	73.4	75.4	72.6	73.6	73.2

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>				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	4,112	4,108	4,041	4,031	4,005	-	-	-	-	-
<b>RAILROAD TRANSPORTATION . . . . .</b>	-	748.6	741.2	771.0	767.0	-	-	-	-	-
Class I railroads <sup>2</sup> . . . . .	-	650.8	643.6	678.6	675.7	-	-	-	-	-
<b>LOCAL AND INTERURBAN PASSENGER TRANSIT . . . . .</b>	-	271.8	280.4	261.5	269.0	-	-	-	-	-
Local and suburban transportation . . . . .	-	86.0	86.5	86.0	87.2	-	81.4	81.9	81.7	82.8
Taxicabs . . . . .	-	107.4	108.6	106.7	107.4	-	-	-	-	-
Intercity and rural bus lines . . . . .	-	42.5	41.3	45.4	43.5	-	39.2	38.1	42.3	40.4
<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE . . . . .</b>	-	1,015.8	976.6	971.0	963.4	-	927.0	888.0	881.8	873.8
<b>AIR TRANSPORTATION . . . . .</b>	-	228.8	226.4	214.7	211.8	-	-	-	-	-
Air transportation, common carriers . . . . .	-	208.1	205.8	194.8	192.0	-	-	-	-	-
<b>PIPELINE TRANSPORTATION . . . . .</b>	-	20.1	19.5	20.7	20.6	-	16.9	16.3	17.5	17.4
<b>OTHER TRANSPORTATION . . . . .</b>	-	316.9	313.8	308.2	309.9	-	-	-	-	-
<b>COMMUNICATION . . . . .</b>	-	881.8	872.2	858.1	847.2	-	-	-	-	-
Telephone communication . . . . .	-	735.2	726.7	714.7	705.1	-	587.2	580.1	574.9	565.4
Telegraph communication <sup>3</sup> . . . . .	-	31.0	31.0	32.4	32.5	-	21.3	21.5	22.8	22.7
Radio and television broadcasting . . . . .	-	110.7	109.6	106.1	104.7	-	90.2	89.1	86.5	85.6
<b>ELECTRIC, GAS, AND SANITARY SERVICES . . . . .</b>	-	624.5	611.2	625.3	616.2	-	545.4	532.2	546.1	537.0
Electric companies and systems . . . . .	-	255.0	249.5	253.6	251.3	-	217.0	211.3	216.3	214.2
Gas companies and systems . . . . .	-	154.4	150.3	155.1	151.2	-	136.3	132.5	136.6	132.3
Combined utility systems . . . . .	-	176.3	173.5	177.6	175.2	-	158.2	155.4	159.4	156.7
Water, steam, and sanitary systems . . . . .	-	38.8	37.9	39.0	38.5	-	33.9	33.0	33.8	33.8
<b>WHOLESALE AND RETAIL TRADE<sup>4</sup> . . . . .</b>	12,655	12,655	12,528	12,173	12,180	-	9,512	9,428	9,153	9,151
<b>WHOLESALE TRADE . . . . .</b>	3,370	3,330	3,286	3,245	3,211	-	2,829	2,791	2,769	2,737
Motor vehicles and automotive equipment . . . . .	-	249.1	247.4	244.9	243.8	-	209.1	207.7	206.3	205.0
Drugs, chemicals, and allied products . . . . .	-	195.2	194.4	191.5	193.1	-	161.7	160.9	158.3	160.0
Dry goods and apparel . . . . .	-	140.5	138.1	137.3	136.0	-	114.4	112.4	113.4	112.6
Groceries and related products . . . . .	-	529.2	515.9	524.7	512.9	-	466.6	454.5	464.4	453.6
Electrical goods . . . . .	-	252.0	248.9	240.7	239.0	-	211.2	208.6	201.5	201.0
Hardware, plumbing, and heating goods . . . . .	-	151.4	149.2	149.1	147.1	-	128.8	127.1	127.8	126.0
Machinery, equipment, and supplies . . . . .	-	590.0	584.8	565.1	560.5	-	500.0	495.5	480.3	475.8
<b>RETAIL TRADE<sup>4</sup> . . . . .</b>	9,285	9,325	9,242	8,928	8,969	-	6,683	6,637	6,384	6,414
<b>GENERAL MERCHANDISE STORES . . . . .</b>	-	1,796.5	1,790.0	1,693.7	1,699.0	-	1,643.4	1,637.2	1,546.0	1,549.5
Department stores . . . . .	-	1,109.8	1,104.0	1,035.0	1,040.8	-	1,017.1	1,011.4	946.7	951.7
Limited price variety stores . . . . .	-	299.6	302.6	291.0	295.6	-	279.5	282.6	268.3	272.5
<b>FOOD STORES . . . . .</b>	-	1,468.2	1,460.6	1,412.1	1,413.5	-	1,364.3	1,357.5	1,314.8	1,316.4
Grocery, meat, and vegetable stores . . . . .	-	1,294.4	1,288.4	1,248.6	1,245.6	-	1,199.9	1,195.1	1,159.5	1,157.3
<b>APPAREL AND ACCESSORIES STORES . . . . .</b>	-	646.8	649.5	603.9	625.2	-	582.6	584.5	543.3	564.3
Men's and boys' apparel stores . . . . .	-	109.4	106.7	99.5	102.3	-	98.6	95.9	89.6	92.3
Women's ready-to-wear stores . . . . .	-	237.0	240.0	224.8	232.9	-	214.7	217.4	203.6	211.7
Family clothing stores . . . . .	-	100.5	99.7	95.8	96.8	-	93.2	92.2	88.8	89.7
Shoe stores . . . . .	-	119.8	124.6	114.7	118.7	-	104.6	109.1	99.7	103.8
<b>FURNITURE AND APPLIANCE STORES . . . . .</b>	-	411.6	409.0	394.7	396.2	-	363.8	362.4	349.4	350.0
<b>EATING AND DRINKING PLACES . . . . .</b>	-	1,912.6	1,879.6	1,853.0	1,862.9	-	-	-	-	-
<b>OTHER RETAIL TRADE . . . . .</b>	-	3,089.2	3,053.3	2,970.7	2,972.0	-	2,729.0	2,695.6	2,630.8	2,633.3
Motor vehicle dealers . . . . .	-	735.0	728.6	704.5	700.2	-	636.2	630.1	609.6	606.5
Other vehicle and accessory dealers . . . . .	-	180.4	177.7	171.7	171.3	-	157.3	154.5	148.6	148.3
Drug stores . . . . .	-	407.0	402.4	389.0	390.5	-	372.0	368.0	357.5	358.8

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>				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> . . . . .	3,070	3,032	3,002	2,998	2,964	-	-	-	-	-
Banking . . . . .	-	780.6	771.1	773.8	765.1	-	654.3	645.3	653.7	645.3
Credit agencies other than banks . . . . .	-	334.8	331.8	321.9	317.6	-	-	-	-	-
Savings and loan associations . . . . .	-	97.1	96.1	96.7	95.0	-	-	-	-	-
Personal credit institutions . . . . .	-	180.4	178.7	168.7	166.6	-	-	-	-	-
Security dealers and exchanges <sup>2</sup> . . . . .	-	129.8	128.7	129.1	127.1	-	114.4	113.5	114.8	113.0
Insurance carriers <sup>3</sup> . . . . .	-	891.2	887.1	893.2	885.3	-	628.4	625.3	641.7	635.9
Life insurance <sup>3</sup> . . . . .	-	469.7	469.6	472.2	468.8	-	270.1	269.9	280.8	278.9
Accident and health insurance <sup>3</sup> . . . . .	-	56.1	55.5	55.8	55.3	-	47.6	47.1	47.6	47.1
Fire, marine, and casualty insurance <sup>3</sup> . . . . .	-	319.0	316.5	318.8	315.5	-	271.4	269.8	273.8	271.0
Insurance agents, brokers, and services . . . . .	-	232.2	230.6	228.6	225.6	-	-	-	-	-
Real estate . . . . .	-	582.9	572.6	571.7	565.0	-	-	-	-	-
Operative builders . . . . .	-	46.4	44.0	46.2	45.1	-	-	-	-	-
Other finance, insurance, and real estate . . . . .	-	80.5	79.7	79.4	78.7	-	-	-	-	-
<b>SERVICES AND MISCELLANEOUS</b> . . . . .	9,022	8,966	8,859	8,698	8,654	-	-	-	-	-
Hotel and lodging places . . . . .	-	686.7	649.8	733.2	662.6	-	-	-	-	-
Hotels, tourist courts, and motels . . . . .	-	621.6	594.3	618.6	597.5	-	581.7	556.0	579.5	558.8
Personal services:										
Laundries, cleaning and dyeing plants . . . . .	-	556.2	550.0	546.8	545.2	-	499.2	493.0	488.0	486.6
Miscellaneous business services:										
Advertising . . . . .	-	113.3	112.9	110.2	110.2	-	-	-	-	-
Motion pictures . . . . .	-	185.2	176.5	186.1	180.3	-	-	-	-	-
Motion picture filming and distributing . . . . .	-	45.7	42.4	44.1	42.1	-	28.8	26.4	28.1	27.7
Motion picture theaters and services . . . . .	-	139.5	134.1	142.0	138.2	-	-	-	-	-
Medical services:										
Hospitals . . . . .	-	1,409.3	1,400.4	1,370.7	1,359.4	-	-	-	-	-
<b>GOVERNMENT</b> . . . . .	9,609	9,937	9,925	9,149	9,484	-	-	-	-	-
<b>FEDERAL GOVERNMENT<sup>4</sup></b> . . . . .	2,385	2,373	2,338	2,355	2,344	-	-	-	-	-
Executive . . . . .	-	2,341.6	2,307.6	2,324.7	2,313.5	-	-	-	-	-
Department of Defense . . . . .	-	940.5	927.9	938.4	936.9	-	-	-	-	-
Post Office Department . . . . .	-	593.9	594.5	586.5	583.7	-	-	-	-	-
Other agencies . . . . .	-	807.2	785.2	799.8	792.9	-	-	-	-	-
Legislative . . . . .	-	25.9	25.0	24.9	25.0	-	-	-	-	-
Judicial . . . . .	-	5.9	5.8	5.8	5.8	-	-	-	-	-
<b>STATE AND LOCAL GOVERNMENT</b> . . . . .	7,224	7,564	7,587	6,794	7,140	-	-	-	-	-
State government . . . . .	-	1,959.6	1,959.0	1,792.9	1,835.2	-	-	-	-	-
State education . . . . .	-	654.0	691.1	521.5	584.7	-	-	-	-	-
Other State government . . . . .	-	1,305.6	1,267.9	1,271.4	1,250.5	-	-	-	-	-
Local government . . . . .	-	5,604.6	5,628.2	5,001.3	5,305.2	-	-	-	-	-
Local education . . . . .	-	3,051.8	3,156.2	2,476.5	2,832.8	-	-	-	-	-
Other local government . . . . .	-	2,552.8	2,472.0	2,524.8	2,472.4	-	-	-	-	-

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

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

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

<sup>4</sup>Data for nonsupervisory workers exclude eating and drinking places.

<sup>5</sup>Data for nonoffice salesmen excluded from nonsupervisory count.

<sup>6</sup>Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

\*Not available.

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

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

Industry	April 1965		January 1965		April 1964	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<b>MINING</b> .....	3½	5	3½	5	3½	5
<b>METAL MINING</b> .....	2.0	2	2.0	2	2.2	3
<b>COAL MINING</b> .....	2.2	2	2.3	2	2.4	2
<b>CRUDE PETROLEUM AND NATURAL GAS</b> .....	24.3	9	24.7	9	25.0	9
Crude petroleum and natural gas fields .....	18.1	12	18.3	12	18.6	12
Oil and gas field services .....	6.2	5	6.4	5	6.4	5
<b>QUARRYING AND NONMETALLIC MINING</b> .....	5.1	4	4.9	4	4.8	4
<b>MANUFACTURING</b> .....	4,624	26	4,545	26	4,435	26
<b>DURABLE GOODS</b> .....	1,836	18	1,786	18	1,729	18
<b>NONDURABLE GOODS</b> .....	2,788	37	2,759	37	2,706	37
<i>Durable Goods</i>						
<b>ORDNANCE AND ACCESSORIES</b> .....	41.7	17	43.0	18	48.5	18
Ammunition, except for small arms .....	31.5	17	31.9	17	36.3	18
Sighting and fire control equipment .....	2.1	19	2.3	19	2.5	19
Other ordnance and accessories .....	8.1	18	8.8	19	9.7	19
<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> .....	44.1	8	43.2	8	42.8	7
Logging camps and logging contractors .....	2.2	3	2.1	3	2.1	3
Sawmills and planing mills .....	9.9	4	9.6	4	9.7	4
Sawmills and planing mills, general .....	7.9	4	7.7	4	7.9	4
Millwork, plywood, and related products .....	10.6	7	10.6	7	10.7	7
Millwork .....	5.1	8	5.1	8	5.2	8
Veneer and plywood .....	4.5	6	4.4	6	4.4	6
Wooden containers .....	5.7	16	5.6	16	6.2	17
Wooden boxes, shooks, and crates .....	4.4	16	4.4	16	4.5	16
Miscellaneous wood products .....	15.7	23	15.3	23	14.1	22
<b>FURNITURE AND FIXTURES</b> .....	74.5	18	72.8	17	69.4	18
Household furniture .....	56.3	18	54.9	18	52.6	18
Wood house furniture, upholstered .....	21.8	14	21.5	14	19.8	13
Wood house furniture, upholstered .....	18.0	23	17.5	23	16.5	23
Mattresses and bedsprings .....	9.3	27	9.1	26	8.9	27
Office furniture .....	3.5	13	3.4	13	3.2	12
Partitions; office and store fixtures .....	3.5	9	3.5	9	3.3	9
Other furniture and fixtures .....	11.2	25	11.0	25	10.3	24
<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	94.0	15	91.8	16	92.7	15
Flat glass .....	1.5	4	1.5	5	1.5	5
Glass and glassware, pressed or blown .....	36.5	31	35.2	31	35.2	31
Glass containers .....	21.6	3½	20.4	3½	21.5	35
Pressed and blown glassware, n.e.c. .....	14.9	28	14.8	29	13.7	27
Cement, hydraulic .....	1.3	3	1.3	3	1.2	3
Structural clay products .....	7.5	11	7.5	11	7.5	11
Brick and structural clay tile .....	.9	3	.9	3	.8	3
Pottery and related products .....	13.4	32	12.8	31	13.8	32
Concrete, gypsum, and plaster products .....	9.1	5	9.1	6	9.1	5
Other stone and mineral products .....	19.0	15	18.9	15	18.6	15
Abrasive products .....	5.4	22	5.5	23	5.4	23
<b>PRIMARY METAL INDUSTRIES</b> .....	74.1	6	72.8	6	70.7	6
Blast furnace and basic steel products .....	25.3	4	25.0	4	23.8	4
Blast furnaces, steel and rolling mills .....	19.7	3	19.5	3	18.6	3
Iron and steel foundries .....	9.7	4	9.2	4	8.7	4
Gray iron foundries .....	4.8	4	4.6	4	4.5	4
Malleable iron foundries .....	1.2	4	1.1	4	1.2	5
Steel foundries .....	3.7	6	3.5	6	3.0	5
Nonferrous smelting and refining .....	2.8	4	2.8	4	2.9	4

**ESTABLISHMENT DATA  
WOMEN EMPLOYMENT**

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

Industry	April 1965		January 1965		April 1964	
	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 . . . . .	24.3	13	23.8	13	23.3	13
Copper rolling, drawing, and extruding . . . . .	3.5	8	3.5	8	3.6	8
Aluminum rolling, drawing, and extruding . . . . .	4.6	8	4.8	8	5.1	8
Nonferrous wire drawing and insulating . . . . .	13.8	22	13.2	21	12.5	21
Nonferrous foundries . . . . .	8.2	11	8.2	11	8.1	11
Aluminum castings . . . . .	3.2	9	3.2	9	3.1	8
Other nonferrous castings . . . . .	5.0	13	5.0	13	5.0	14
Miscellaneous primary metal industries . . . . .	3.8	6	3.8	6	3.9	7
Iron and steel forgings . . . . .	2.2	5	2.2	5	2.3	6
<b>FABRICATED METAL PRODUCTS . . . . .</b>	<b>208.1</b>	<b>17</b>	<b>202.3</b>	<b>16</b>	<b>194.9</b>	<b>17</b>
Metal cans . . . . .	11.7	18	11.2	19	11.8	19
Cutlery, hand tools, and general hardware . . . . .	46.3	30	45.4	29	42.4	30
Cutlery and hand tools, including saws . . . . .	13.5	23	13.0	22	12.1	22
Hardware, n.e.c. . . . .	32.8	34	32.4	34	30.3	34
Heating equipment and plumbing fixtures . . . . .	10.3	13	10.2	13	10.0	13
Sanitary ware and plumbers' brass goods . . . . .	5.8	16	5.6	16	5.2	15
Heating equipment, except electric . . . . .	4.5	11	4.6	11	4.8	11
Fabricated structural metal products . . . . .	29.4	8	28.7	8	28.8	8
Fabricated structural steel . . . . .	4.7	5	4.6	5	4.6	5
Metal doors, sash, frames, and trim . . . . .	9.8	15	9.2	15	9.6	15
Fabricated plate work (boiler shops) . . . . .	6.4	7	6.5	7	6.6	8
Sheet metal work . . . . .	5.3	8	5.2	8	5.1	9
Architectural and miscellaneous metal work . . . . .	3.2	8	3.2	8	2.9	8
Screw machine products, bolts, etc. . . . .	17.7	19	17.6	19	17.3	19
Screw machine products . . . . .	8.3	20	8.5	21	8.1	21
Bolts, nuts, screws, rivets, and washers . . . . .	9.4	17	9.1	17	9.2	18
Metal stampings . . . . .	41.8	19	39.6	18	37.5	18
Coating, engraving, and allied services . . . . .	14.7	19	13.9	18	13.0	18
Miscellaneous fabricated wire products . . . . .	14.5	23	14.0	23	13.2	23
Miscellaneous fabricated metal products . . . . .	21.7	16	21.7	16	20.9	16
Valves, pipe, and pipe fittings . . . . .	10.9	13	10.5	13	10.2	13
<b>MACHINERY . . . . .</b>	<b>216.4</b>	<b>13</b>	<b>210.3</b>	<b>13</b>	<b>204.3</b>	<b>13</b>
Engines and turbines . . . . .	11.0	12	11.1	13	10.8	13
Steam engines and turbines . . . . .	3.7	11	3.5	11	3.8	12
Internal combustion engines, n.e.c. . . . .	7.3	13	7.6	14	7.0	13
Farm machinery and equipment . . . . .	10.8	8	10.6	8	10.2	8
Construction and related machinery . . . . .	19.6	8	19.5	8	19.3	8
Construction and mining machinery . . . . .	9.4	7	9.4	7	9.4	7
Oil field machinery and equipment . . . . .	2.9	8	2.9	8	2.9	9
Conveyors, hoists, and industrial cranes . . . . .	3.3	9	3.2	9	3.0	9
Metalworking machinery and equipment . . . . .	32.3	11	32.0	11	31.2	11
Machine tools, metal cutting types . . . . .	6.3	8	6.2	8	5.9	9
Special dies, tools, jigs, and fixtures . . . . .	8.0	8	7.9	8	7.9	8
Machine tool accessories . . . . .	9.3	18	9.2	18	8.6	18
Miscellaneous metalworking machinery . . . . .	8.7	12	8.7	12	8.8	13
Special industry machinery . . . . .	19.2	10	18.9	11	18.5	11
Food products machinery . . . . .	4.0	11	3.9	11	3.8	10
Textile machinery . . . . .	4.6	11	4.4	11	4.3	11
General industrial machinery . . . . .	39.4	15	38.1	15	37.7	15
Pumps; air and gas compressors . . . . .	9.1	12	8.7	12	8.3	12
Ball and roller bearings . . . . .	12.5	22	12.2	22	12.5	23
Mechanical power transmission goods . . . . .	6.3	12	6.2	12	5.9	12
Office, computing, and accounting machines . . . . .	44.7	25	41.9	24	39.3	24
Computing machines and cash registers . . . . .	31.2	23	28.9	22	26.6	22
Service industry machines . . . . .	14.2	13	13.6	13	13.6	13
Refrigeration, except home refrigerators . . . . .	7.2	10	7.0	11	7.0	11
Miscellaneous machinery . . . . .	25.2	13	24.6	13	23.7	13
<b>ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .</b>	<b>612.7</b>	<b>38</b>	<b>600.4</b>	<b>38</b>	<b>559.4</b>	<b>37</b>
Electric distribution equipment . . . . .	53.0	30	52.3	30	50.1	30
Electric measuring instruments . . . . .	23.7	40	23.7	41	22.5	40
Power and distribution transformers . . . . .	11.1	24	10.7	23	10.3	24
Switchgear and switchboard apparatus . . . . .	18.2	25	17.9	24	17.3	25

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

Industry	April 1965		January 1965		April 1964	
	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 . . . . .	60.4	31	58.9	31	55.3	31
Motors and generators . . . . .	32.4	30	31.5	30	29.3	30
Industrial controls . . . . .	18.9	35	18.5	35	17.2	35
Household appliances . . . . .	32.5	20	31.5	20	30.7	20
Household refrigerators and freezers . . . . .	6.4	11	6.3	12	5.9	11
Household laundry equipment . . . . .	3.2	13	3.3	13	3.2	14
Electric housewares and fans . . . . .	15.7	44	15.1	43	14.4	42
Electric lighting and wiring equipment . . . . .	67.0	41	66.0	41	62.3	41
Electric lamps . . . . .	20.8	65	20.3	65	19.6	65
Lighting fixtures . . . . .	17.5	30	17.4	30	15.7	30
Wiring devices . . . . .	28.7	40	28.3	39	27.0	39
Radio and TV receiving sets . . . . .	64.8	54	65.0	54	54.2	52
Communication equipment . . . . .	139.1	34	138.7	34	132.9	33
Telephone and telegraph apparatus . . . . .	52.8	43	51.1	43	43.8	41
Radio and TV communication equipment . . . . .	86.3	30	87.6	30	89.1	30
Electronic components and accessories . . . . .	168.1	58	161.4	58	147.1	57
Electron tubes . . . . .	32.2	47	31.7	47	29.7	46
Electronic components, n.e.c. . . . .	135.9	62	129.7	61	117.4	61
Miscellaneous electrical equipment and supplies . . . . .	27.8	28	26.6	27	26.8	29
Electrical equipment for engines . . . . .	15.4	28	15.5	28	14.8	28
<b>TRANSPORTATION EQUIPMENT</b> . . . . .	167.3	10	164.6	10	165.6	10
Motor vehicles and equipment . . . . .	73.5	8	72.1	8	70.8	9
Motor vehicles . . . . .	23.8	6	23.7	7	23.6	7
Passenger car bodies . . . . .	4.4	6	4.7	7	3.5	6
Truck and bus bodies . . . . .	2.2	6	2.1	6	1.9	6
Motor vehicle parts and accessories . . . . .	42.0	11	40.5	11	40.7	12
Aircraft and parts . . . . .	79.5	13	79.1	13	81.0	13
Aircraft . . . . .	43.4	14	42.6	14	43.3	13
Aircraft engines and engine parts . . . . .	22.8	12	23.5	13	24.5	13
Other aircraft parts and equipment . . . . .	13.3	13	13.0	13	13.2	13
Ship and boat building and repairing . . . . .	5.5	3	5.3	3	5.3	4
Ship building and repairing . . . . .	3.9	3	3.8	3	3.7	3
Boat building and repairing . . . . .	1.6	6	1.5	5	1.6	6
Railroad equipment . . . . .	3.4	6	3.3	6	3.2	6
Other transportation equipment . . . . .	5.4	10	4.8	10	5.3	11
<b>INSTRUMENTS AND RELATED PRODUCTS</b> . . . . .	128.5	34	126.9	34	123.5	34
Engineering and scientific instruments . . . . .	15.9	23	15.7	23	15.9	23
Mechanical measuring and control devices . . . . .	31.8	32	31.9	33	30.7	32
Mechanical measuring devices . . . . .	16.5	27	16.4	27	16.1	27
Automatic temperature controls . . . . .	15.3	41	15.5	41	14.6	41
Optical and ophthalmic goods . . . . .	17.6	37	17.5	37	16.9	38
Surgical, medical, and dental equipment . . . . .	26.9	47	26.3	47	25.2	46
Photographic equipment and supplies . . . . .	19.8	25	19.2	25	19.0	25
Watches and clocks . . . . .	16.5	57	16.3	57	15.8	56
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> . . . . .	174.3	42	157.7	41	156.9	41
Jewelry, silverware, and plated ware . . . . .	17.6	38	17.2	38	16.3	37
Toys, amusement, and sporting goods . . . . .	59.8	53	46.2	48	48.8	49
Toys, games, dolls, and play vehicles . . . . .	42.4	58	30.2	53	32.2	54
Sporting and athletic goods, n.e.c. . . . .	17.4	42	16.0	41	16.6	41
Pens, pencils, office and art materials . . . . .	15.9	50	15.9	50	15.8	51
Costume jewelry, buttons, and notions . . . . .	27.1	51	26.9	51	27.1	51
Other manufacturing industries . . . . .	53.9	32	51.5	32	48.9	31
<i>Nondurable Goods</i>						
<b>FOOD AND KINDRED PRODUCTS</b> . . . . .	371.1	23	380.6	23	380.3	23
Meat products . . . . .	73.3	25	76.4	25	75.9	25
Meat packing . . . . .	26.8	14	28.1	14	28.0	15
Sausages and other prepared meats . . . . .	13.2	30	13.8	30	13.3	30
Poultry dressing and packing . . . . .	33.3	53	34.5	53	34.6	53
Dairy products . . . . .	41.1	15	40.0	14	41.5	15
Ice cream and frozen desserts . . . . .	6.3	21	5.8	21	6.2	20
Fluid milk . . . . .	24.6	12	24.1	12	25.0	12

# ESTABLISHMENT DATA WOMEN EMPLOYMENT

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

Industry	April 1965		January 1965		April 1964	
	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 . . . . .	79.3	40	82.7	41	85.1	42
Canned, cured, and frozen sea foods . . . . .	21.0	59	23.6	59	22.2	58
Canned food, except sea foods . . . . .	29.8	31	30.2	32	31.7	34
Frozen food, except sea foods . . . . .	19.1	45	17.9	45	21.1	49
Grain mill products . . . . .	18.2	15	18.6	15	17.8	14
Flour and other grain mill products . . . . .	3.8	12	3.8	12	4.2	13
Prepared feeds for animals and fowls . . . . .	6.5	12	6.6	12	6.7	12
Bakery products . . . . .	62.8	22	62.6	22	62.6	22
Bread, cake, and perishable products . . . . .	42.5	18	41.8	17	42.5	18
Biscuit, crackers, and pretzels . . . . .	20.3	48	20.8	48	20.1	48
Sugat . . . . .	2.6	8	3.0	7	3.0	9
Confectionery and related products . . . . .	34.9	49	38.2	51	34.8	49
Candy and other confectionery products . . . . .	30.4	53	33.3	54	29.5	53
Beverages . . . . .	24.5	11	24.4	11	24.4	12
Malt liquors . . . . .	3.6	6	3.5	6	3.6	6
Bottled and canned soft drinks . . . . .	10.9	9	10.7	9	10.5	9
Miscellaneous food and kindred products . . . . .	34.4	25	34.7	25	35.2	25
<b>TOBACCO MANUFACTURES . . . . .</b>	<b>34.7</b>	<b>47</b>	<b>41.0</b>	<b>48</b>	<b>36.6</b>	<b>48</b>
Cigarettes . . . . .	14.2	38	14.6	39	14.2	38
Cigars . . . . .	16.4	73	16.7	74	18.5	75
<b>TEXTILE MILL PRODUCTS . . . . .</b>	<b>406.7</b>	<b>44</b>	<b>394.7</b>	<b>44</b>	<b>389.2</b>	<b>44</b>
Cotton broad woven fabrics . . . . .	88.9	38	89.1	38	86.7	38
Silk and synthetic broad woven fabrics . . . . .	29.3	33	29.3	33	29.1	34
Weaving and finishing broad woolens . . . . .	16.2	35	15.9	36	16.9	35
Narrow fabrics and smallwares . . . . .	17.0	56	16.5	55	15.6	55
Knitting . . . . .	158.5	69	148.4	69	147.6	69
Full-fashioned hosiery . . . . .	10.7	77	10.2	76	9.3	73
Seamless hosiery . . . . .	61.3	73	60.7	73	59.1	72
Knit outerwear . . . . .	53.1	73	45.8	72	47.2	72
Knit underwear . . . . .	23.7	71	23.0	71	23.0	73
Finishing textiles, except wool and knit . . . . .	18.1	23	17.8	23	17.1	22
Floor covering . . . . .	11.6	30	11.2	29	10.9	29
Yarn and thread . . . . .	48.6	45	48.3	45	47.1	45
Miscellaneous textile goods . . . . .	18.5	27	18.2	27	18.2	27
<b>APPAREL AND RELATED PRODUCTS . . . . .</b>	<b>1,064.6</b>	<b>80</b>	<b>1,039.2</b>	<b>79</b>	<b>1,018.3</b>	<b>80</b>
Men's and boys' suits and coats . . . . .	80.3	70	80.3	70	75.3	69
Men's and boys' furnishings . . . . .	301.4	85	291.1	85	279.8	85
Men's and boys' shirts and nightwear . . . . .	112.7	89	110.1	88	106.2	88
Men's and boys' separate trousers . . . . .	56.6	81	54.7	81	52.8	81
Work clothing . . . . .	68.4	84	67.5	85	64.7	84
Women's, misses', and juniors' outerwear . . . . .	333.9	84	325.9	82	326.9	84
Women's blouses, waists, and shirts . . . . .	47.2	89	44.5	88	45.8	89
Women's, misses', and juniors' dresses . . . . .	173.9	85	160.6	85	175.4	85
Women's suits, skirts, and coats . . . . .	48.8	73	59.9	70	45.9	71
Women's and misses' outerwear, n.e.c. . . . .	64.0	86	60.9	85	59.8	86
Women's and children's undergarments . . . . .	103.9	86	101.1	86	101.3	87
Women's and children's underwear . . . . .	67.8	88	66.5	88	67.9	89
Corsets and allied garments . . . . .	36.1	83	34.6	82	33.4	83
Hats, caps, and millinery . . . . .	20.6	65	21.4	64	19.0	65
Girls' and children's outerwear . . . . .	65.6	86	67.5	86	65.0	86
Children's dresses, blouses, and shirts . . . . .	31.4	90	31.3	90	31.3	89
Fur goods and miscellaneous apparel . . . . .	55.7	73	52.3	72	54.0	74
Miscellaneous fabricated textile products . . . . .	103.2	62	99.6	62	97.0	62
Housefurnishings . . . . .	38.9	69	38.6	69	39.3	70
<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	<b>130.9</b>	<b>21</b>	<b>129.8</b>	<b>21</b>	<b>130.4</b>	<b>21</b>
Paper and pulp . . . . .	23.8	11	24.0	11	24.4	11
Paperboard . . . . .	5.8	9	5.8	9	5.9	9
Converted paper and paperboard products . . . . .	53.7	35	52.3	34	52.8	35
Bags, except textile bags . . . . .	12.8	36	12.6	35	13.2	37
Paperboard containers and boxes . . . . .	47.6	24	47.7	24	47.3	25
Folding and setup paperboard boxes . . . . .	21.5	32	21.5	32	20.9	33
Corrugated and solid fiber boxes . . . . .	12.4	14	12.4	14	11.9	14

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

Industry	April 1965		January 1965		April 1964	
	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> . . . . .	280.2	29	276.6	29	271.5	29
Newspaper publishing and printing . . . . .	75.5	22	74.5	22	72.2	21
Periodical publishing and printing . . . . .	31.9	47	32.2	48	31.7	47
Books . . . . .	33.3	43	32.5	43	32.1	43
Commercial printing . . . . .	77.2	25	76.8	25	76.0	25
Commercial printing, except lithographic . . . . .	49.9	24	49.8	24	49.2	24
Commercial printing, lithographic . . . . .	23.2	25	23.0	25	22.7	25
Bookbinding and related industries . . . . .	24.1	46	23.2	46	23.0	46
Other publishing and printing industries . . . . .	38.2	33	37.4	32	36.5	32
<b>CHEMICALS AND ALLIED PRODUCTS</b> . . . . .	166.2	18	163.8	19	161.8	18
Industrial chemicals . . . . .	28.2	10	27.7	10	28.2	10
Plastics and synthetics, except glass . . . . .	32.2	16	31.5	16	30.2	17
Plastics and synthetics, except fibers . . . . .	7.9	9	7.9	9	8.3	10
Synthetic fibers . . . . .	23.3	24	22.6	24	20.8	24
Drugs . . . . .	43.4	38	43.2	38	42.6	38
Pharmaceutical preparations . . . . .	34.6	41	34.3	41	33.8	41
Soap, cleaners, and toilet goods . . . . .	35.1	35	34.6	36	33.8	35
Soap and detergents . . . . .	7.2	21	7.6	22	7.3	21
Toilet preparations . . . . .	19.6	55	18.6	55	18.4	55
Paints, varnishes, and allied products . . . . .	10.1	15	10.1	16	10.1	16
Agricultural chemicals . . . . .	4.6	7	4.3	9	4.3	7
Fertilizers, complete and mixing only . . . . .	2.8	6	2.5	7	2.6	5
Other chemical products . . . . .	12.6	16	12.4	16	12.6	16
<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b> . . . . .	16.0	9	16.2	9	16.3	9
Petroleum refining . . . . .	12.4	8	12.6	8	12.7	8
Other petroleum and coal products . . . . .	3.6	11	3.6	11	3.6	11
<b>RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS</b> . . . . .	132.7	29	129.0	29	122.0	29
Tires and inner tubes . . . . .	12.4	12	12.1	12	12.4	13
Other rubber products . . . . .	58.3	34	57.1	34	54.7	34
Miscellaneous plastic products . . . . .	62.0	34	59.8	34	54.9	34
<b>LEATHER AND LEATHER PRODUCTS</b> . . . . .	184.8	53	187.7	53	179.9	52
Leather tanning and finishing . . . . .	3.8	12	3.9	12	3.9	12
Footwear, except rubber . . . . .	136.5	58	138.1	58	131.0	57
Other leather products . . . . .	44.5	54	45.7	54	45.0	54
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>						
<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> . . . . .	23.5	8	22.4	8	20.8	8
Local and suburban transportation . . . . .	4.2	5	4.1	5	4.1	5
Taxicabs . . . . .	5.0	5	5.2	5	5.0	4
Intercity and rural bus lines . . . . .	4.0	10	3.7	9	3.7	9
<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE</b> . . . . .	81.5	9	81.0	9	76.9	8
<b>AIR TRANSPORTATION</b> . . . . .	52.1	23	50.3	23	47.2	23
Air transportation, common carriers . . . . .	50.5	25	48.7	24	45.7	24
<b>PIPELINE TRANSPORTATION</b> . . . . .	1.6	8	1.6	8	1.6	8
<b>COMMUNICATION</b> . . . . .	430.1	50	422.6	49	414.4	50
Telephone communication . . . . .	398.5	55	391.2	55	384.1	55
Radio and television broadcasting . . . . .	24.4	22	24.1	22	23.0	22
<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> . . . . .	92.6	15	92.8	15	92.9	15
Electric companies and systems . . . . .	37.7	15	37.6	15	37.8	15
Gas companies and systems . . . . .	25.1	17	25.1	17	25.0	16
Combined utility systems . . . . .	24.2	14	24.5	14	24.6	14
Water, steam, and sanitary systems . . . . .	5.6	15	5.6	15	5.5	15

**ESTABLISHMENT DATA  
WOMEN EMPLOYMENT**

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

Industry	April 1965		January 1965		April 1964	
	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>	4,727	38	4,603	37	4,433	37
<b>WHOLESALE TRADE . . . . .</b>	710	22	708	22	687	22
Motor vehicles and automotive equipment . . . . .	43.6	18	43.3	18	42.3	18
Drugs, chemicals, and allied products . . . . .	60.3	31	59.3	31	58.7	31
Dry goods and apparel . . . . .	58.5	42	57.5	42	56.7	42
Groceries and related products . . . . .	107.9	21	106.2	21	104.8	21
Electrical goods . . . . .	56.0	23	55.1	23	55.3	23
Hardware, plumbing, and heating goods . . . . .	31.2	21	31.2	21	31.4	22
Machinery, equipment, and supplies . . . . .	103.4	18	100.4	18	97.6	18
<b>RETAIL TRADE . . . . .</b>	4,017	43	3,895	43	3,746	43
<b>GENERAL MERCHANDISE STORES . . . . .</b>	1,253.2	69	1,233.4	69	1,147.4	69
Department stores . . . . .	764.5	69	766.5	69	700.1	69
Limited price variety stores . . . . .	256.7	82	239.2	81	239.5	81
<b>FOOD STORES . . . . .</b>	488.6	33	477.0	33	461.9	33
Grocery, meat, and vegetable stores . . . . .	381.9	30	379.1	30	364.3	29
<b>APPAREL AND ACCESSORIES STORES . . . . .</b>	452.5	65	413.5	65	398.2	65
Men's and boys' apparel stores . . . . .	39.2	36	40.1	36	35.2	36
Women's ready-to-wear stores . . . . .	222.6	89	207.8	88	203.9	88
Family clothing stores . . . . .	74.3	71	72.6	70	66.6	71
Shoe stores . . . . .	48.9	34	39.4	34	39.6	34
<b>FURNITURE AND APPLIANCE STORES . . . . .</b>	117.0	29	115.9	28	111.2	28
<b>EATING AND DRINKING PLACES . . . . .</b>	1,024.7	56	989.3	56	987.3	55
<b>OTHER RETAIL TRADE . . . . .</b>	681.4	22	666.2	22	640.4	22
Motor vehicle dealers . . . . .	70.8	10	68.8	10	65.6	9
Other vehicle and accessory dealers . . . . .	21.4	12	21.3	13	20.0	12
Drug stores . . . . .	234.6	58	230.1	58	219.9	58
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	1,479	50	1,466	50	1,451	50
Banking . . . . .	465.5	60	461.7	60	456.0	60
Credit agencies other than banks . . . . .	176.4	53	174.8	54	168.2	54
Savings and loan associations . . . . .	60.5	63	61.2	63	59.5	64
Personal credit institutions . . . . .	83.8	47	81.8	47	77.1	47
Security dealers and exchanges . . . . .	40.4	31	39.0	31	39.2	31
Insurance carriers . . . . .	429.1	48	428.7	48	435.4	49
Life insurance . . . . .	193.0	41	193.7	41	199.7	43
Accident and health insurance . . . . .	37.8	68	37.4	68	37.6	69
Fire, marine, and casualty insurance . . . . .	174.1	55	173.2	55	173.8	56
Insurance agents, brokers, and services . . . . .	128.6	56	126.7	56	125.1	56
Real estate . . . . .	198.7	36	195.7	36	189.7	35
Operative builders . . . . .	5.8	14	5.8	15	5.6	13
Other finance, insurance, and real estate . . . . .	40.2	50	39.1	49	37.0	47
<b>SERVICE AND MISCELLANEOUS:</b>						
Hotels and lodging places:						
Hotels, tourist courts, and motels . . . . .	274.5	48	256.5	47	265.0	48
Personal services:						
Laundries, cleaning and dyeing plants . . . . .	360.2	66	358.5	67	355.6	67
Miscellaneous business services:						
Advertising . . . . .	42.3	38	41.8	38	40.3	37
Motion pictures . . . . .	56.7	33	54.0	32	57.6	34
Motion picture filming and distributing . . . . .	11.0	27	11.7	24	10.9	28
Motion picture theatres and services . . . . .	45.7	35	42.3	35	46.7	35
Medical services:						
Hospitals . . . . .	1,134.5	81	1,117.7	81	1,095.5	81



## SEASONALLY ADJUSTED EMPLOYMENT

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

1957-59=100

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	51.6	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	34.1	-	-
1920.....	52.1	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	33.2	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.2	-	-
1922.....	49.2	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.3	-	-
1923.....	54.1	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.2	-	-
1924.....	53.4	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.4	34.7	-	-
1925.....	54.8	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.7	-	-
1926.....	56.8	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.3	-	-
1927.....	57.1	144.7	55.7	60.3	95.6	54.1	-	-	54.0	46.0	37.2	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	38.2	-	-
1929.....	59.7	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	39.1	24.1	45.0
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	40.1	23.8	46.6
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.6	25.3	48.0
1932.....	45.0	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	41.1	25.2	47.3
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.4	25.5	46.2
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	42.0	29.4	47.0
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.4	34.0	48.4
1936.....	55.4	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.3	46.7	37.3	50.5
1937.....	59.1	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.9	37.6	51.9
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.5	37.4	54.2
1939.....	58.3	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.9	40.9	54.9
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.6	45.0	56.9
1941.....	69.6	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.4	60.5	58.9
1942.....	76.4	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.3	69.9	100.0	58.1
1943.....	80.8	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	77.5	131.2	56.4
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	77.0	132.2	55.3
1945.....	76.9	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.8	126.8	55.7
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.5	71.3	101.8	59.3
1947.....	83.6	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.3	69.8	85.5	63.6
1948.....	85.5	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	72.0	84.1	67.2
1949.....	83.4	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.4	74.6	86.2	70.1
1950.....	86.1	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.8	87.1	72.8
1951.....	91.1	120.6	90.2	98.8	103.7	89.2	90.0	88.9	78.7	80.9	81.4	104.0	72.6
1952.....	93.0	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	84.2	109.3	74.4
1953.....	95.6	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.7	104.1	77.1
1954.....	93.3	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.1	86.0	98.8	81.0
1955.....	96.5	102.9	97.1	101.7	101.6	96.5	96.5	96.4	92.3	91.0	88.1	98.8	83.9
1956.....	99.8	106.8	103.9	104.1	103.9	99.4	99.6	99.4	96.0	94.8	92.7	99.8	90.0
1957.....	100.7	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	97.1	100.1	95.9
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.8	99.9	99.0	100.3
1959.....	101.5	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.2	103.0	100.9	103.9
1960.....	103.2	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.3	106.5	102.5	108.0
1961.....	102.8	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	110.4	109.5	102.9	112.1
1962.....	105.7	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	115.3	113.3	105.7	116.3
1963.....	107.9	82.5	103.3	102.5	96.0	108.1	107.7	108.2	113.6	119.4	117.2	106.5	121.5
1964.....	110.8	82.5	107.6	104.2	97.5	111.6	111.2	111.8	116.4	123.8	121.1	106.1	127.0
1964: July.....	110.9	83.0	107.6	104.5	97.7	111.9	111.6	112.0	116.5	124.2	120.5	104.9	126.6
August.....	111.0	82.3	107.5	104.5	98.1	112.0	111.3	112.2	116.6	124.4	120.7	105.1	126.8
September.....	111.3	82.3	106.7	105.1	98.3	112.0	111.4	112.2	117.0	124.7	121.2	104.8	127.6
October.....	111.2	82.9	107.6	103.5	98.0	112.4	111.6	112.7	117.2	125.3	122.3	105.3	129.0
November.....	112.1	83.0	109.5	105.5	98.1	112.7	112.1	113.0	117.4	125.3	123.1	106.3	129.7
December.....	112.7	82.7	112.4	106.2	98.6	113.2	112.5	113.4	117.6	125.6	123.5	106.2	130.3
1965: January.....	113.0	82.2	112.1	106.7	96.6	114.0	112.9	114.4	117.7	126.1	123.7	105.8	130.8
February.....	113.6	82.5	113.6	107.1	98.1	114.8	113.5	115.2	118.1	126.7	124.2	105.5	131.5
March.....	114.2	82.2	114.4	107.5	99.2	115.6	114.1	116.1	118.5	127.0	124.8	105.7	132.3
April.....	114.1	81.7	110.4	107.8	99.2	115.0	114.6	115.2	118.5	127.1	125.4	105.9	133.0
May.....	114.5	81.7	111.1	107.9	99.5	115.7	115.0	116.0	118.8	127.6	125.7	105.9	133.5
June.....	114.9	81.9	111.2	108.7	99.8	116.0	115.6	116.1	119.0	127.9	126.5	106.2	134.4
July.....	115.2	82.5	109.4	109.2	99.7	116.4	115.9	116.5	119.3	128.8	126.6	106.2	134.6

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

Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964
<b>TOTAL</b> .....	60,528	60,362	60,110	59,913	59,992	59,676	59,334	59,206	58,878	58,382	58,458	58,301	58,256
<b>MINING</b> .....	635	631	629	629	633	635	633	637	639	638	634	634	639
<b>CONTRACT CONSTRUCTION</b> ....	3,159	3,210	3,207	3,186	3,304	3,281	3,235	3,244	3,162	3,106	3,080	3,103	3,107
<b>MANUFACTURING</b> .....	18,133	18,040	17,915	17,896	17,849	17,772	17,705	17,622	17,505	17,171	17,449	17,339	17,344
<b>DURABLE GOODS</b> .....	10,533	10,423	10,320	10,311	10,259	10,210	10,150	10,088	9,992	9,702	9,986	9,886	9,890
Ordnance and accessories .....	250	248	245	241	242	242	243	242	245	247	248	250	255
Lumber and wood products .....	602	596	595	599	608	604	597	598	595	591	593	595	599
Furniture and fixtures .....	428	424	423	423	422	418	415	413	409	407	405	403	405
Stone, clay, and glass products ..	626	621	621	624	628	623	623	620	618	616	620	617	618
Primary metal industries .....	1,330	1,303	1,272	1,280	1,278	1,278	1,277	1,271	1,269	1,253	1,258	1,242	1,246
Fabricated metal products .....	1,291	1,276	1,266	1,265	1,237	1,260	1,242	1,232	1,213	1,179	1,223	1,208	1,196
Machinery .....	1,737	1,716	1,699	1,691	1,687	1,674	1,672	1,665	1,643	1,644	1,643	1,625	1,620
Electrical equipment .....	1,676	1,664	1,651	1,640	1,626	1,610	1,597	1,588	1,572	1,560	1,558	1,546	1,550
Transportation equipment .....	1,782	1,769	1,752	1,748	1,733	1,706	1,696	1,671	1,646	1,429	1,667	1,632	1,632
Instruments and related products ..	390	385	378	379	378	378	374	374	371	368	369	369	371
Miscellaneous manufacturing .....	421	421	418	421	420	417	414	414	411	408	402	399	398
<b>NONDURABLE GOODS</b> .....	7,600	7,617	7,595	7,585	7,590	7,562	7,555	7,534	7,513	7,469	7,463	7,453	7,454
Food and kindred products .....	1,704	1,706	1,720	1,712	1,735	1,734	1,741	1,743	1,737	1,717	1,716	1,726	1,719
Tobacco manufactures .....	86	85	85	85	85	84	86	88	92	90	82	83	89
Textile mill products .....	925	924	922	924	921	917	914	909	904	899	899	895	894
Apparel and related products .....	1,348	1,382	1,361	1,357	1,347	1,340	1,344	1,333	1,329	1,319	1,317	1,311	1,309
Paper and allied products .....	647	642	641	641	639	637	635	634	635	634	632	631	632
Printing and publishing .....	984	978	973	973	971	967	964	962	956	955	956	954	955
Chemicals and allied products .....	903	899	895	893	894	890	887	885	882	878	881	879	879
Petroleum and related products ..	184	184	181	183	184	184	184	185	185	187	185	185	187
Rubber and plastic products .....	462	458	456	458	453	450	442	438	436	433	439	435	433
Leather and leather products .....	357	359	361	359	361	359	358	357	357	357	356	354	357
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,063	4,067	4,057	4,044	4,042	3,997	3,939	4,020	3,997	3,996	4,005	3,999	3,983
<b>WHOLESALE AND RETAIL TRADE</b> .....	12,707	12,663	12,636	12,563	12,622	12,532	12,447	12,362	12,311	12,278	12,229	12,231	12,223
<b>WHOLESALE TRADE</b> .....	3,357	3,347	3,329	3,318	3,303	3,288	3,270	3,259	3,246	3,233	3,226	3,224	3,232
<b>RETAIL TRADE</b> .....	9,350	9,316	9,307	9,245	9,319	9,244	9,177	9,103	9,065	9,045	9,003	9,007	8,991
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,019	3,011	3,005	2,997	2,997	2,987	2,979	2,975	2,970	2,964	2,960	2,951	2,948
<b>SERVICE AND MISCELLANEOUS</b> ..	8,880	8,816	8,797	8,763	8,754	8,730	8,689	8,654	8,634	8,633	8,592	8,573	8,561
<b>GOVERNMENT</b> .....	9,932	9,924	9,864	9,835	9,791	9,742	9,707	9,692	9,660	9,596	9,509	9,471	9,451
<b>FEDERAL</b> .....	2,352	2,352	2,345	2,344	2,340	2,335	2,342	2,352	2,354	2,331	2,320	2,328	2,322
<b>STATE AND LOCAL</b> .....	7,580	7,572	7,519	7,491	7,451	7,407	7,365	7,340	7,306	7,265	7,189	7,143	7,129

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

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

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

(In thousands)

Major industry group	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964
<b>MANUFACTURING</b> .....	13,514	13,429	13,321	13,318	13,298	13,227	13,168	13,099	12,993	12,661	12,956	12,847	12,839
<b>DURABLE</b> .....	7,838	7,733	7,644	7,649	7,615	7,570	7,518	7,467	7,376	7,089	7,377	7,279	7,271
Ordnance and accessories .....	106	103	101	99	100	101	100	100	102	102	103	104	105
Lumber and wood products, except furniture ...	538	531	531	535	544	540	533	536	532	528	530	531	536
Furniture and fixtures .....	357	353	352	353	352	348	345	344	340	339	338	335	338
Stone, clay, and glass products .....	504	500	500	504	508	503	503	501	500	498	500	498	497
Primary metal industries .....	1,094	1,068	1,037	1,043	1,047	1,046	1,044	1,041	1,038	1,022	1,026	1,012	1,017
Fabricated metal products .....	1,003	987	981	982	957	979	964	951	933	901	945	932	918
Machinery .....	1,217	1,200	1,186	1,180	1,179	1,168	1,166	1,165	1,145	1,146	1,149	1,129	1,125
Electrical equipment and supplies .....	1,155	1,144	1,130	1,125	1,113	1,099	1,086	1,078	1,065	1,053	1,049	1,040	1,041
Transportation equipment .....	1,277	1,265	1,251	1,247	1,237	1,212	1,207	1,181	1,156	942	1,180	1,145	1,141
Instruments and related products .....	251	246	240	243	241	240	238	237	235	232	234	234	236
Miscellaneous manufacturing industries .....	336	336	335	338	337	334	332	333	330	326	323	319	317
<b>NONDURABLE GOODS</b> .....	5,676	5,696	5,677	5,669	5,683	5,657	5,650	5,632	5,617	5,572	5,579	5,568	5,568
Food and kindred products .....	1,116	1,120	1,131	1,124	1,147	1,144	1,150	1,154	1,151	1,132	1,133	1,142	1,134
Tobacco manufactures .....	74	73	73	73	72	73	74	76	80	78	71	72	78
Textile mill products .....	825	824	822	824	824	820	817	812	808	803	803	799	798
Apparel and related products .....	1,199	1,233	1,211	1,207	1,199	1,192	1,196	1,186	1,181	1,173	1,173	1,165	1,164
Paper and allied products .....	507	500	499	501	500	498	495	495	496	494	494	493	494
Printing, publishing, and allied industries .....	625	619	618	617	616	615	611	610	605	604	606	604	604
Chemicals and allied products .....	544	542	539	538	539	537	536	532	530	526	530	530	531
Petroleum refining and related industries .....	114	114	111	113	114	112	113	113	114	116	116	115	117
Rubber and miscellaneous plastic products .....	359	355	354	356	354	350	343	339	337	334	340	337	334
Leather and leather products .....	313	316	319	316	318	316	315	315	315	312	313	311	314

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

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

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

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964
1	ALABAMA.....	868.5	865.3	841.2	8.4	8.5	8.7	50.6	48.4	50.6	275.7	272.6	259.5
2	Birmingham.....	214.3	213.3	205.7	4.4	4.4	4.4	11.9	11.4	11.8	67.5	66.9	62.4
3	Huntsville.....	73.4	72.4	68.2	(1)	(1)	(1)	5.0	4.7	5.3	13.6	13.5	11.2
4	Mobile <sup>2</sup> .....	105.4	105.4	104.5	(1)	(1)	(1)	6.2	6.4	7.5	21.7	21.5	19.7
5	ALASKA.....	74.5	69.3	68.7	1.5	1.4	1.5	8.1	6.4	6.9	8.5	6.6	7.9
6	ARIZONA.....	403.2	404.5	386.2	15.5	15.2	15.4	25.0	26.7	28.9	63.4	62.6	59.3
7	Phoenix.....	231.3	234.0	220.6	.2	.2	.1	14.6	15.5	16.8	47.7	47.2	44.1
8	Tucson.....	78.0	77.8	76.6	3.2	3.2	3.2	5.3	5.5	6.3	6.4	6.4	6.7
9	ARKANSAS.....	452.9	440.6	432.8	4.8	4.8	4.8	28.3	26.5	29.3	131.0	129.2	127.8
10	Fayetteville.....	19.2	18.8	17.2	(1)	(1)	(1)	1.1	1.0	1.0	6.2	5.7	5.2
11	Fort Smith.....	36.0	36.0	37.9	.5	.5	.5	1.8	1.7	2.6	12.4	12.3	12.4
12	Little Rock-North Little Rock.....	96.6	95.1	94.5	(1)	(1)	(1)	7.2	6.9	8.3	18.8	18.7	18.0
13	Pine Bluff.....	20.9	21.0	20.1	(1)	(1)	(1)	1.3	1.3	1.3	5.6	5.6	5.3
14	CALIFORNIA.....	5,795.4	5,733.2	5,603.6	29.7	30.0	30.3	348.4	342.5	343.7	1,391.6	1,386.6	1,388.3
15	Anaheim-Santa Ana-Garden Grove.....	296.8	293.0	275.3	1.8	1.7	1.7	26.4	26.1	25.2	94.9	95.3	90.5
16	Bakersfield <sup>2</sup> .....	83.0	79.9	79.0	7.8	7.6	7.3	3.6	3.6	4.0	8.3	8.1	7.4
17	Fresno <sup>2</sup> .....	99.7	96.0	96.3	1.1	1.1	1.1	5.4	5.2	5.4	15.6	15.3	15.0
18	Los Angeles-Long Beach.....	2,489.9	2,471.4	2,423.0	10.0	9.9	10.0	134.4	132.7	129.7	753.5	750.0	750.6
19	Sacramento <sup>2</sup> .....	225.0	225.5	225.0	.3	.3	.3	14.0	13.5	14.9	27.1	31.1	35.8
20	San Bernardino-Riverside-Ontario.....	239.9	238.8	229.2	1.0	1.6	1.5	17.2	17.7	17.6	40.7	40.2	39.3
21	San Diego.....	265.2	262.7	261.3	.4	.4	.4	14.8	14.6	15.4	48.4	48.0	51.4
22	San Francisco-Oakland.....	1,084.7	1,073.7	1,047.4	2.0	2.0	2.0	66.3	64.8	65.1	194.5	193.6	194.0
23	San Jose.....	268.2	264.0	257.5	.1	.1	.1	20.3	19.7	19.8	82.2	81.2	81.7
24	Stockton <sup>2</sup> .....	72.1	71.9	70.1	.1	.1	.1	3.8	3.6	3.9	13.9	13.9	13.2
25	Vallejo-Napa.....	56.3	55.4	53.0	.2	.2	.2	2.8	2.6	2.6	5.6	5.2	5.2
26	COLORADO.....	586.4	579.6	578.6	12.4	11.8	11.7	39.8	39.5	39.1	87.0	85.4	90.5
27	Denver.....	371.1	368.6	370.1	3.3	3.0	3.2	23.7	23.8	23.3	61.2	60.7	66.0
28	CONNECTICUT.....	1,025.6	1,013.5	997.7	(3)	(3)	(3)	49.4	47.1	51.6	436.1	431.8	421.4
29	Bridgeport.....	136.0	134.4	134.3	(3)	(3)	(3)	5.8	5.7	5.8	69.9	69.3	69.4
30	Hartford.....	267.7	265.7	259.8	(3)	(3)	(3)	12.8	11.9	12.6	97.4	96.8	93.2
31	New Britain.....	42.2	41.7	41.5	(3)	(3)	(3)	2.0	1.8	1.8	23.7	23.6	23.7
32	New Haven.....	140.2	138.8	135.2	(3)	(3)	(3)	9.0	8.6	8.5	45.0	44.3	42.4
33	Stamford.....	65.6	64.6	65.1	(3)	(3)	(3)	3.9	3.7	3.7	22.1	22.0	22.6
34	Waterbury.....	70.9	69.9	69.5	(3)	(3)	(3)	2.4	2.2	2.4	38.2	37.7	37.3
35	DELAWARE.....	178.4	176.3	172.0	(1)	(1)	(1)	13.4	13.0	13.5	67.0	65.8	62.3
36	Wilmington.....	162.1	160.8	157.1	(1)	(1)	(1)	11.0	10.9	10.7	64.2	63.8	61.8
37	DISTRICT OF COLUMBIA <sup>4</sup> ..	625.0	611.7	604.1	(1)	(1)	(1)	27.5	27.0	27.3	20.4	20.7	20.1
38	Washington SMSA.....	930.7	908.5	890.0	(1)	(1)	(1)	67.6	64.0	67.5	40.2	40.1	38.1
39	FLORIDA.....	1,562.8	1,577.2	1,510.4	9.8	9.7	9.6	133.3	130.2	127.5	241.2	246.2	234.5
40	Fort Lauderdale-Hollywood.....	98.8	102.2	94.2	(1)	(1)	(1)	13.1	12.6	11.8	10.9	10.8	10.3
41	Jacksonville.....	160.2	159.8	157.0	(1)	(1)	(1)	11.6	11.5	10.9	22.6	22.7	21.7
42	Miami.....	344.6	349.7	336.3	(1)	(1)	(1)	20.3	19.8	20.8	52.9	53.2	50.9
43	Orlando.....	98.4	103.1	96.0	(1)	(1)	(1)	8.4	8.3	8.1	18.3	19.4	18.6
44	Tampa-St. Petersburg.....	229.3	230.8	222.1	(1)	(1)	(1)	19.0	18.9	18.8	41.4	41.8	40.6
45	GEORGIA.....	1,225.8	1,218.6	1,181.1	5.8	5.8	5.7	75.5	72.7	70.8	392.0	389.3	376.5
46	Atlanta.....	467.5	464.1	444.8	(1)	(1)	(1)	35.2	33.5	30.9	107.1	106.5	99.8
47	Savannah.....	56.1	55.6	54.5	(1)	(1)	(1)	3.3	3.2	3.0	15.2	15.1	14.4
48	HAWAII.....	218.7	214.1	212.6	(1)	(1)	(1)	17.6	17.5	16.3	27.9	25.1	30.7
49	Honolulu.....	184.9	181.0	179.9	(1)	(1)	(1)	14.6	14.5	13.6	20.4	18.0	22.9
50	IDAHO.....	173.5	168.2	169.0	3.4	3.3	3.5	10.7	9.6	10.4	30.7	28.8	29.2
51	Boise.....	31.8	31.0	30.8	(1)	(1)	(1)	2.3	2.1	2.2	3.4	3.3	3.3
52	ILLINOIS.....	3,825.9	3,776.3	3,722.3	25.4	25.0	26.1	170.0	158.5	168.3	1,287.6	1,268.8	1,244.7
53	Chicago.....	2,644.0	2,614.9	2,573.1	6.8	6.5	6.6	106.7	103.0	107.5	906.3	893.4	871.6
54	Davenport-Rock Island-Moline.....	122.8	120.8	118.7	(3)	(3)	(3)	6.9	6.4	6.2	46.5	45.7	45.3
55	Peoria.....	115.0	113.5	111.0	(3)	(3)	(3)	7.8	7.3	7.5	45.5	44.5	43.2
56	Rockford.....	91.2	89.5	86.9	(3)	(3)	(3)	4.3	4.0	4.4	48.2	47.3	45.4

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

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	
49.8	49.3	49.1	165.6	165.3	159.7	35.2	35.0	35.4	107.8	107.1	106.9	175.4	179.1	171.3	1
16.5	16.4	16.3	48.6	48.5	47.5	14.8	14.7	14.5	26.8	26.7	26.6	23.8	24.3	22.2	2
2.0	2.0	1.8	11.1	11.0	10.3	1.6	1.6	1.5	14.4	14.0	13.5	25.7	25.6	24.6	3
9.5	9.5	9.8	23.8	23.0	23.7	4.4	4.4	4.3	14.1	14.0	14.0	25.7	26.6	25.5	4
7.3	7.1	6.9	9.6	9.2	8.6	2.1	2.1	1.9	7.7	7.4	6.8	29.7	29.1	28.2	5
25.2	25.0	25.2	96.0	96.4	91.9	21.9	21.7	21.0	65.7	65.3	61.5	90.5	91.6	83.0	6
13.7	13.7	13.7	59.5	60.0	56.8	15.6	15.3	14.8	38.0	38.6	35.3	42.0	43.5	39.0	7
5.6	5.4	5.6	17.6	17.7	17.1	4.1	4.1	4.0	13.8	13.9	13.5	22.0	21.6	20.2	8
29.2	29.0	29.6	94.4	93.0	93.2	17.8	17.9	17.2	61.9	60.2	57.9	85.5	80.0	73.0	9
1.5	1.6	1.5	4.1	4.1	3.8	.5	.5	.5	2.3	2.3	2.1	3.5	3.7	3.1	10
2.8	2.7	2.8	8.4	8.3	8.5	1.3	1.3	1.3	5.2	5.0	5.0	3.7	4.3	4.9	11
8.3	8.3	8.2	21.1	21.1	21.0	7.6	7.4	7.4	14.4	14.4	14.4	19.1	18.3	17.3	12
2.7	2.6	2.7	3.8	3.9	3.9	.8	.8	.8	2.7	2.7	2.6	3.8	4.1	3.6	13
386.3	380.2	375.0	1,275.1	1,254.0	1,223.6	320.4	318.3	306.9	936.9	924.1	888.8	1,107.0	1,097.5	1,047.0	14
9.8	9.6	9.0	63.1	61.7	57.3	13.0	12.9	12.0	43.9	42.5	40.6	43.9	43.2	39.0	15
6.3	6.0	6.3	19.1	17.7	17.9	2.8	2.8	2.8	12.3	11.6	11.6	22.8	22.5	21.7	16
7.5	7.0	7.5	28.9	26.5	27.4	4.6	4.6	4.5	16.4	15.9	15.6	20.2	20.4	19.8	17
148.7	147.6	144.4	552.7	548.5	533.7	145.8	145.1	140.3	413.8	408.7	398.7	331.0	328.9	315.6	18
17.4	17.0	17.2	47.3	46.2	45.3	9.8	9.7	9.5	27.5	26.7	25.7	81.6	81.0	76.3	19
17.3	16.9	16.7	53.3	52.4	49.6	9.3	9.1	8.8	38.0	38.5	35.6	63.1	62.4	60.1	20
15.4	15.1	14.8	58.9	58.5	57.2	13.1	13.0	12.4	47.4	46.7	46.1	66.8	66.4	63.6	21
107.6	105.7	103.9	238.8	236.4	230.7	82.7	82.3	79.4	168.6	167.1	161.1	224.2	221.8	211.2	22
12.0	11.5	10.8	48.8	48.1	46.3	10.4	10.3	9.9	50.7	49.8	48.7	43.7	43.3	40.2	23
5.7	5.7	5.8	17.2	17.3	17.4	2.5	2.5	2.4	10.6	10.4	10.3	18.3	18.4	17.0	24
3.0	2.8	2.8	10.0	9.8	9.5	1.8	1.7	1.6	7.3	7.6	6.9	25.6	25.5	24.2	25
44.9	44.2	45.0	138.5	137.1	136.8	31.4	31.0	30.9	97.0	94.5	93.9	135.4	136.1	130.7	26
30.4	30.1	30.5	93.0	92.7	91.8	23.8	23.6	23.4	65.4	64.5	63.0	70.3	70.2	68.9	27
46.9	46.3	46.3	185.9	183.4	177.4	57.8	57.7	57.9	138.2	136.1	134.2	111.5	111.2	108.8	28
5.9	5.6	5.8	23.9	23.5	23.1	4.0	4.0	3.9	15.6	15.4	15.4	11.0	11.0	10.9	29
10.0	9.9	9.7	50.4	50.4	48.9	33.6	33.6	33.2	34.3	34.0	33.4	29.1	29.1	28.7	30
1.9	1.8	1.8	6.2	6.1	6.2	.9	.9	.9	4.1	4.1	4.0	3.4	3.4	3.1	31
12.8	12.7	12.5	27.2	27.1	26.1	7.3	7.2	7.5	25.3	25.1	24.9	13.7	13.8	13.4	32
3.0	2.9	2.9	14.3	14.1	13.9	2.7	2.7	2.7	13.4	13.0	12.9	6.3	6.3	6.4	33
2.8	2.7	2.8	10.7	10.5	10.3	1.8	1.8	1.8	8.4	8.3	8.3	6.7	6.6	6.7	34
10.0	10.0	10.0	33.0	32.8	32.6	6.9	6.9	6.7	23.3	23.1	23.3	24.8	24.7	23.6	35
8.6	8.6	8.7	29.7	29.5	29.3	6.4	6.4	6.2	21.3	21.0	20.6	20.9	20.6	19.8	36
30.8	30.3	29.5	86.6	86.4	86.8	31.9	31.5	30.9	114.3	113.9	109.1	313.5	301.9	300.4	37
50.0	48.9	47.4	177.8	175.3	171.1	54.8	53.6	51.9	185.8	183.8	175.1	354.5	342.8	338.9	38
109.7	109.9	106.5	406.9	416.4	397.1	96.7	96.3	95.0	273.6	278.6	263.1	291.6	289.9	277.1	39
5.2	5.4	5.3	28.5	29.7	27.5	7.2	7.2	7.2	18.7	20.8	17.5	15.2	15.7	14.6	40
16.4	16.4	16.5	44.5	44.3	44.2	14.5	14.4	14.7	23.7	23.7	22.8	26.9	26.8	26.2	41
36.6	36.5	35.1	91.6	93.6	92.8	24.7	24.6	24.1	71.3	74.2	68.4	47.2	47.8	44.2	42
5.9	5.9	5.9	28.8	31.4	28.0	6.6	6.7	6.3	16.3	16.8	15.6	14.1	14.6	13.5	43
17.1	17.0	16.4	65.2	66.4	63.5	13.8	13.9	13.6	37.3	37.5	35.6	35.5	35.3	33.6	44
82.1	81.3	79.2	253.3	252.7	245.0	58.5	57.7	58.4	140.1	139.7	137.1	218.5	219.4	208.4	45
43.8	43.3	41.3	119.7	119.6	115.8	32.8	32.4	32.5	64.8	64.7	62.1	64.1	64.1	62.4	46
5.9	5.7	6.1	12.3	12.2	12.1	2.7	2.7	2.8	7.5	7.4	7.4	9.2	9.3	8.7	47
15.9	15.5	15.8	50.0	49.2	46.8	12.4	12.4	12.2	38.0	37.6	36.6	56.9	56.8	54.2	48
13.6	13.2	13.5	42.7	41.9	40.0	11.5	11.6	11.4	32.5	32.3	31.6	49.6	49.5	46.9	49
14.4	14.1	14.2	42.7	41.9	41.8	6.9	6.9	6.8	25.1	24.3	24.7	39.6	39.3	38.4	50
2.9	2.8	2.8	8.6	8.6	8.4	2.2	2.2	2.1	4.7	4.6	4.5	7.7	7.4	7.5	51
275.1	272.2	271.6	807.0	802.6	791.4	202.1	199.8	199.9	560.4	558.1	544.1	498.3	491.2	476.2	52
196.0	193.2	191.9	564.3	562.7	558.5	158.3	156.5	157.5	422.6	420.4	407.2	283.1	279.1	272.3	53
6.6	6.4	6.5	24.4	24.2	23.7	4.7	4.6	4.6	14.2	14.3	13.8	19.5	19.1	18.6	54
6.4	6.4	6.5	23.7	23.8	23.5	4.2	4.2	4.1	14.8	15.0	14.1	12.5	12.4	12.1	55
3.2	3.1	3.1	16.1	15.8	15.7	2.8	2.7	2.8	9.9	9.9	9.5	6.6	6.8	6.1	56

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964
1	INDIANA.....	1,608.9	1,587.8	1,542.4	8.5	8.5	9.4	76.4	72.4	72.7	665.5	655.6	626.9
2	Evansville.....	77.4	76.9	75.4	2.1	2.3	2.2	4.0	3.9	4.3	30.0	29.8	27.7
3	Fort Wayne.....	99.1	97.0	93.8	(1)	(1)	(1)	5.0	4.6	4.9	40.5	39.5	37.9
	Gary-Hammond-East												
4	Chicago.....	201.8	198.7	197.4	(1)	(1)	(1)	11.5	11.1	12.3	108.7	106.3	104.7
5	Indianapolis.....	358.2	356.3	347.3	(1)	(1)	(1)	15.9	14.7	15.6	124.1	123.1	116.9
6	South Bend.....	85.7	84.6	85.5	(1)	(1)	(1)	3.3	3.2	3.1	33.4	32.7	33.1
7	Terre Haute.....	45.7	45.6	45.1	.9	.9	1.0	1.6	1.6	1.7	13.0	12.3	12.6
8	IOWA.....	745.2	739.9	722.3	3.5	3.3	3.6	43.8	40.0	40.9	188.9	186.3	183.4
9	Cedar Rapids.....	56.0	54.8	54.9	(1)	(1)	(1)	2.2	1.9	2.4	23.9	23.4	23.5
10	Des Moines.....	106.9	106.0	105.4	(1)	(1)	(1)	4.9	4.5	4.5	22.5	22.2	22.2
11	KANSAS.....	591.8	591.7	584.9	13.9	13.9	14.9	34.5	33.6	33.3	117.4	116.9	121.7
12	Topeka.....	52.6	52.0	51.1	.1	.1	.1	2.9	3.0	3.0	7.3	7.2	7.0
13	Wichita.....	130.0	128.4	129.0	2.9	2.9	3.0	6.0	6.1	5.5	42.9	42.4	45.6
14	KENTUCKY.....	764.7	761.2	724.4	31.0	30.8	29.6	54.1	49.1	44.6	201.5	201.6	191.7
15	Louisville.....	271.0	271.0	263.3	(1)	(1)	(1)	14.9	14.3	14.5	94.0	94.0	90.1
16	LOUISIANA.....	905.8	899.0	857.5	50.7	49.6	47.0	82.1	78.8	69.5	161.0	158.7	153.3
17	Baton Rouge.....	78.2	76.2	74.7	.2	.2	.2	8.6	5.8	7.5	16.2	15.8	15.7
18	New Orleans.....	331.7	330.5	321.6	11.3	11.0	10.8	26.0	25.3	23.7	58.7	57.9	54.8
19	Shreveport.....	76.6	77.5	75.7	5.3	5.3	5.4	6.3	6.3	6.5	10.3	10.3	9.9
20	MAINE.....	295.1	284.0	291.5	(1)	(1)	(1)	14.6	12.8	14.5	108.8	104.3	106.7
21	Lewiston-Auburn.....	25.5	24.9	25.5	(1)	(1)	(1)	1.3	1.3	1.3	12.1	11.8	12.4
22	Portland.....	57.0	55.5	56.0	(1)	(1)	(1)	3.3	3.0	3.2	14.2	13.8	13.5
23	MARYLAND <sup>4</sup> .....	1,063.9	1,048.8	1,020.6	2.5	2.5	2.5	85.6	80.5	82.7	262.1	260.1	258.6
24	Baltimore.....	665.6	657.3	643.8	.9	.9	.9	42.0	39.9	41.5	190.1	187.3	187.1
25	MASSACHUSETTS.....	2,028.3	2,002.4	1,987.7	(1)	(1)	(1)	98.1	92.5	93.7	662.7	654.3	650.5
26	Boston.....	1,145.1	1,135.9	1,118.6	(1)	(1)	(1)	58.6	55.0	56.3	284.3	280.2	275.3
27	Brockton.....	44.2	43.9	43.3	-	-	-	2.1	2.1	2.1	16.3	16.2	16.2
28	Fall River.....	43.4	43.2	42.1	(1)	(1)	(1)	(1)	(1)	(1)	21.5	21.5	21.4
29	New Bedford.....	51.3	50.3	50.6	(1)	(1)	(1)	1.8	1.7	1.7	26.4	25.8	25.8
	Springfield-Chicopee-												
30	Holyoke.....	182.2	179.8	180.5	(1)	(1)	(1)	7.5	6.6	8.0	70.9	70.0	69.5
31	Worcester.....	120.1	118.6	118.2	(1)	(1)	(1)	5.2	4.8	5.1	49.4	48.5	48.1
32	MICHIGAN.....	2,629.8	2,606.5	2,495.2	14.7	14.5	13.6	123.4	114.6	105.8	1,079.3	1,071.5	1,016.5
33	Ann Arbor.....	88.6	91.9	81.2	(1)	(1)	(1)	2.6	2.4	2.3	31.7	31.7	29.9
34	Detroit.....	1,328.3	1,318.2	1,256.8	.9	.9	.9	56.3	54.1	49.0	561.7	559.3	526.0
35	Flint.....	149.1	147.6	141.0	(1)	(1)	(1)	6.0	5.7	4.7	83.6	83.0	78.8
36	Grand Rapids.....	160.5	158.7	157.4	(1)	(1)	(1)	8.8	7.7	8.7	70.4	69.9	68.0
37	Kalamazoo.....	61.2	61.8	59.6	(1)	(1)	(1)	3.8	3.4	2.4	26.5	26.2	26.7
38	Lansing.....	103.6	103.8	98.1	(1)	(1)	(1)	4.4	4.3	3.7	36.4	36.3	33.3
39	Muskegon-Muskegon Heights	46.6	46.1	44.8	(1)	(1)	(1)	1.6	1.4	1.4	25.4	25.1	23.5
40	Saginaw.....	62.6	62.3	59.8	(1)	(1)	(1)	3.2	2.9	3.2	29.8	29.5	27.9
41	MINNESOTA.....	1,076.1	1,060.6	1,046.2	15.1	14.2	14.8	65.2	58.3	61.5	255.3	250.2	249.5
42	Duluth-Superior.....	52.6	51.1	50.7	(1)	(1)	(1)	2.6	2.3	2.3	9.6	9.6	9.4
43	Minneapolis-St. Paul.....	637.0	630.9	617.4	(1)	(1)	(1)	37.9	35.2	35.1	169.4	166.9	163.8
44	MISSISSIPPI.....	480.0	480.4	460.9	6.0	6.0	6.3	28.8	27.7	29.6	152.2	149.9	141.1
45	Jackson.....	74.0	74.1	73.0	.8	.8	1.0	5.2	4.8	5.5	12.4	12.1	11.6
46	MISSOURI.....	1,457.0	1,443.5	1,422.9	8.2	8.0	8.0	85.2	81.3	74.2	408.7	405.5	406.3
47	Kansas City.....	436.9	435.8	429.2	.6	.6	.6	24.1	23.2	22.9	113.2	112.9	114.7
48	St. Louis.....	804.5	797.3	786.0	2.9	2.9	2.8	48.4	46.1	43.4	273.5	271.8	270.7
49	MONTANA.....	183.2	177.5	181.3	7.2	7.0	7.7	12.9	12.0	12.0	22.6	21.5	22.5
50	Billings.....	25.7	25.1	25.2	(1)	(1)	(1)	1.9	1.6	2.1	3.2	3.1	3.0
51	Great Falls.....	23.1	22.5	21.8	(1)	(1)	(1)	2.9	2.5	1.8	3.3	3.3	3.1
52	NEBRASKA.....	413.9	410.8	405.9	2.1	2.0	2.1	26.3	25.9	25.1	68.8	67.2	68.7
53	Omaha.....	171.0	171.0	171.1	(3)	(3)	(3)	8.9	9.4	9.9	35.0	34.8	35.8
54	NEVADA.....	158.6	154.9	153.8	3.4	3.2	3.1	13.4	13.3	15.3	6.9	6.8	6.9
55	Reno.....	47.3	45.6	43.9	(5)	(5)	(5)	5.4	5.5	5.3	2.5	2.4	2.5
56	NEW HAMPSHIRE.....	222.3	213.2	215.4	.3	.3	.3	11.3	10.5	11.2	88.2	87.0	85.9
57	Manchester.....	44.8	44.1	44.0	(1)	(1)	(1)	2.5	2.3	2.4	16.9	16.8	16.8

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

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	
90.8	89.9	89.2	303.7	300.1	299.7	64.9	64.3	63.3	166.7	165.9	163.0	232.4	231.0	218.2	1
4.8	4.7	4.9	16.3	16.2	16.4	2.8	2.8	2.9	9.8	9.7	9.9	7.6	7.5	7.1	2
7.1	6.9	6.7	21.0	20.9	20.3	5.1	5.0	4.9	11.8	11.7	11.3	8.6	8.4	7.8	3
12.7	12.6	12.5	30.5	30.2	29.9	5.4	5.3	5.3	16.6	16.6	16.6	16.4	16.6	16.1	4
24.4	24.4	24.2	76.8	76.8	75.8	23.4	23.2	23.2	39.8	40.5	38.9	53.8	53.6	52.7	5
4.4	4.4	4.3	17.8	17.6	17.8	4.6	4.6	4.7	14.0	13.8	14.3	8.2	8.3	8.2	6
4.2	4.1	4.3	11.6	11.5	11.5	1.6	1.6	1.6	5.2	5.3	5.2	7.6	8.3	7.2	7
50.0	49.1	49.6	182.0	180.7	175.9	35.7	34.8	35.3	107.3	108.0	104.4	134.0	137.7	129.2	8
2.9	2.9	3.0	12.2	12.0	11.6	2.6	2.5	2.5	7.0	6.9	6.8	5.3	5.2	5.1	9
7.6	7.6	7.9	28.0	27.8	26.9	11.5	11.2	12.1	16.8	17.0	16.7	15.6	15.8	15.2	10
51.3	49.9	51.9	138.7	137.8	136.2	25.9	25.2	25.6	84.7	83.7	81.7	125.4	130.7	119.6	11
7.0	6.9	6.9	11.0	11.0	10.7	3.1	3.0	3.0	8.1	8.0	8.0	13.4	12.9	12.5	12
7.5	7.2	7.4	28.9	28.8	28.2	6.0	5.9	6.0	18.8	18.7	18.2	17.2	16.6	15.3	13
54.3	53.5	53.5	159.7	156.5	149.3	30.4	29.9	29.1	101.3	103.0	98.5	132.5	136.7	128.0	14
21.3	21.2	20.8	57.5	57.7	56.6	14.0	13.8	13.7	39.2	40.0	38.2	30.1	30.0	29.4	15
85.6	84.2	82.3	196.8	196.4	189.1	40.4	40.3	39.7	122.8	121.6	117.2	166.4	169.4	159.4	16
4.8	4.7	4.5	17.0	16.8	16.2	4.1	4.1	4.0	10.3	10.4	10.1	16.9	18.3	16.5	17
41.5	41.0	41.3	78.3	78.3	76.7	19.3	19.2	19.3	53.7	53.8	52.2	43.0	43.8	42.7	18
8.7	8.6	8.6	20.2	20.0	19.9	3.9	3.9	3.9	11.1	11.0	10.9	10.8	12.1	10.6	19
16.6	16.1	17.4	56.0	54.6	55.4	10.0	9.9	9.9	34.6	32.8	34.2	54.5	53.5	53.4	20
.9	.9	.9	5.1	5.0	5.0	.8	.8	.8	3.5	3.4	3.4	1.8	1.7	1.7	21
4.8	4.7	5.0	15.2	15.0	15.2	4.2	4.1	4.1	9.1	8.6	9.0	6.2	6.3	6.0	22
72.2	72.0	70.4	236.6	232.4	217.9	53.6	52.6	52.6	170.1	168.4	161.8	181.2	180.3	174.1	23
53.1	53.2	51.8	140.4	138.5	130.9	35.0	34.6	34.8	100.9	100.2	97.2	103.2	102.7	99.6	24
101.7	101.9	104.1	416.0	410.8	409.7	106.5	106.0	106.5	366.6	362.1	354.3	276.7	274.8	268.9	25
65.2	66.0	65.8	254.7	252.8	251.0	76.8	76.4	77.1	245.1	244.9	237.4	160.4	160.6	155.7	26
2.8	2.7	2.7	10.4	10.3	10.1	1.4	1.4	1.3	4.8	4.8	4.6	6.4	6.4	6.3	27
1.5	1.5	1.5	8.4	8.4	8.2	(1)	(1)	(1)	7.6	7.6	7.5	4.4	4.2	3.5	28
2.2	2.2	2.3	9.0	8.9	9.2	(1)	(1)	(1)	7.6	7.5	7.6	4.3	4.2	4.0	29
8.2	8.1	8.1	35.4	35.3	35.3	8.5	8.5	8.6	28.1	27.8	27.9	23.6	23.5	23.1	30
4.1	4.2	4.4	22.4	22.3	22.5	5.9	5.9	5.8	18.5	18.3	18.1	14.6	14.6	14.2	31
139.1	137.6	130.7	483.6	481.5	461.1	93.4	94.5	92.9	324.6	319.8	314.4	371.7	372.4	360.3	32
2.3	2.3	2.2	10.5	10.5	9.1	1.4	1.4	1.4	6.7	6.8	6.7	33.4	37.1	29.7	33
74.4	73.4	67.7	257.8	255.9	245.3	55.6	55.7	55.7	176.3	174.8	170.6	145.4	144.1	141.8	34
5.0	5.0	4.7	22.0	21.8	21.1	3.3	3.3	3.2	13.4	13.2	13.3	15.6	15.6	15.1	35
9.3	9.3	9.4	31.7	31.6	31.0	5.5	5.5	5.4	20.8	20.7	20.9	14.1	14.0	14.0	36
2.3	2.3	2.3	10.9	10.9	10.1	1.8	1.8	1.7	7.1	7.0	7.1	8.8	10.2	9.4	37
3.1	3.1	3.3	18.2	18.1	17.1	3.5	3.4	3.3	9.6	9.6	9.9	28.4	28.9	27.6	38
2.4	2.4	2.3	7.1	7.2	7.1	1.2	1.2	1.2	4.5	4.4	4.6	4.5	4.5	4.6	39
4.9	4.8	4.7	11.8	11.6	11.4	1.7	1.7	1.6	6.7	6.7	6.5	4.7	5.1	4.7	40
80.5	79.7	79.2	257.4	254.9	250.5	51.9	51.6	52.9	162.0	163.0	157.3	188.7	188.8	180.6	41
9.6	8.8	9.0	11.6	11.4	11.4	2.0	2.0	2.0	9.2	9.1	8.8	8.0	7.9	7.8	42
50.5	50.3	49.6	155.9	154.7	151.4	38.0	37.8	38.9	101.3	101.3	97.5	83.9	84.6	81.0	43
26.3	26.3	26.5	92.7	92.4	89.5	16.7	16.6	16.5	55.2	55.5	54.7	102.0	106.0	96.8	44
4.6	4.5	4.6	17.4	17.4	16.9	5.3	5.2	5.2	11.8	12.5	11.9	16.4	16.7	16.3	45
116.1	115.5	114.8	325.8	323.0	321.7	79.6	78.3	78.3	213.8	212.9	208.6	219.6	219.0	211.0	46
45.5	45.0	44.8	107.4	106.5	105.2	28.5	28.1	28.5	63.6	63.1	61.7	54.0	56.4	50.8	47
63.6	62.5	63.2	163.2	161.4	159.8	40.7	40.2	40.3	122.7	123.3	118.1	89.5	89.1	87.7	48
17.4	17.3	17.9	43.1	42.4	41.7	7.0	6.9	7.1	25.8	24.5	25.7	47.2	45.9	46.7	49
2.6	2.6	2.7	7.9	7.9	7.5	1.4	1.4	1.4	4.9	4.8	4.7	3.8	3.7	3.8	50
2.1	2.1	2.2	5.6	5.6	5.5	1.2	1.2	1.3	3.8	3.6	3.8	4.2	4.2	4.1	51
36.9	36.0	37.0	102.9	102.4	100.0	25.3	24.8	25.2	64.2	64.0	62.9	87.3	88.4	84.8	52
20.5	20.0	20.5	41.5	41.3	40.9	14.5	14.4	14.4	28.2	28.1	27.7	22.5	23.2	21.9	53
11.8	11.6	11.5	29.6	28.2	28.3	6.2	6.1	6.0	59.1	57.7	56.3	28.2	28.0	26.4	54
4.4	4.4	3.9	10.2	9.6	9.0	2.3	2.3	2.2	14.4	13.3	13.7	8.1	8.1	7.3	55
9.6	9.5	9.6	40.0	39.1	38.6	8.5	8.4	8.2	38.1	32.2	35.9	26.4	26.2	25.7	56
2.6	2.6	2.6	9.7	9.6	9.5	2.6	2.6	2.6	6.7	6.7	6.6	3.7	3.6	3.7	57

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

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

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964
1	NEW JERSEY.....	2,246.4	2,215.8	2,188.5	3.7	3.5	3.7	113.9	110.2	113.3	824.7	815.0	808.0
2	Atlantic City.....	58.1	53.7	57.0	-	-	-	3.9	3.9	3.9	8.7	8.1	8.6
3	Jersey City <sup>6</sup> .....	252.6	251.7	249.1	-	-	-	6.9	6.6	6.5	112.2	111.3	111.3
4	Newark <sup>6</sup> .....	707.0	700.8	694.4	.9	.9	.9	30.6	29.7	30.4	241.2	238.1	238.1
	Paterson-Clifton-Passaic <sup>6</sup> .....	416.6	412.1	404.2	.5	.5	.5	23.1	22.6	23.0	170.5	168.0	164.6
6	Perth Amboy <sup>6</sup> .....	209.7	207.6	203.0	.7	.6	.7	10.7	10.3	10.6	97.3	96.7	94.6
7	Trenton.....	117.6	116.5	114.3	.1	.1	.1	5.3	5.1	5.0	40.4	40.1	39.9
8	NEW MEXICO.....	268.5	266.5	261.3	17.4	17.2	18.0	22.0	21.6	21.0	17.9	17.7	18.3
9	Albuquerque.....	95.1	94.4	92.3	(1)	(1)	(1)	8.6	8.5	8.4	8.7	8.6	8.8
10	NEW YORK.....	6,513.2	6,437.1	6,425.0	9.4	9.3	9.5	268.5	253.5	282.7	1,824.3	1,801.1	1,793.8
11	Albany-Schenectady-Troy..	243.1	238.0	237.1	(1)	(1)	(1)	9.3	6.7	10.1	64.0	63.0	60.7
12	Binghamton.....	98.8	97.1	94.1	(1)	(1)	(1)	4.4	3.8	3.9	45.6	44.8	42.5
13	Buffalo.....	450.3	446.0	440.6	(1)	(1)	(1)	18.9	17.9	19.9	177.1	174.9	169.9
14	Elmira <sup>7</sup> .....	34.0	33.6	33.3	-	-	-	-	-	-	14.0	13.8	13.7
	Nassau and Suffolk Counties <sup>8</sup> .....	566.4	550.7	545.7	(1)	(1)	(1)	38.3	37.3	41.1	128.3	123.7	129.7
	New York-Northeastern New Jersey.....	6,055.2	6,010.0	5,983.5	4.9	4.8	5.0	242.5	239.9	261.6	1,694.7	1,676.0	1,684.2
17	New York SMSA <sup>6</sup> .....	4,469.4	4,437.8	4,432.7	2.8	2.8	2.9	171.2	170.7	191.1	1,073.5	1,061.9	1,075.6
18	New York City <sup>8</sup> .....	3,592.1	3,580.2	3,586.1	2.2	2.2	2.3	114.2	115.1	131.4	860.9	854.7	864.6
19	Rochester.....	297.2	293.9	283.3	(1)	(1)	(1)	13.8	13.3	11.2	130.6	128.7	124.4
20	Syracuse.....	197.4	194.0	192.2	(1)	(1)	(1)	11.0	10.1	10.5	64.3	63.3	63.1
21	Utica-Rome.....	102.8	101.3	101.7	(1)	(1)	(1)	3.1	2.8	3.0	37.6	37.3	35.8
22	Westchester County <sup>8</sup> .....	265.2	262.1	257.9	(1)	(1)	(1)	16.0	15.7	15.8	71.2	70.3	68.4
23	NORTH CAROLINA.....	1,376.5	1,371.3	1,332.5	2.7	2.6	2.6	83.4	79.3	79.8	570.5	564.4	552.0
24	Charlotte.....	133.4	133.4	128.9	(1)	(1)	(1)	10.3	9.9	9.7	33.6	33.3	33.0
25	Greensboro-High Point....	-	-	-	-	-	-	6.8	6.6	6.6	47.0	46.3	45.5
26	Winston-Salem.....	-	-	-	-	-	-	-	-	-	35.9	35.5	35.2
27	NORTH DAKOTA.....	150.1	144.6	146.4	2.0	1.9	1.8	14.3	12.3	13.5	8.0	7.6	8.0
28	Fargo-Moorhead.....	33.5	33.6	32.8	(1)	(1)	(1)	2.3	2.2	2.5	2.4	2.3	2.2
29	OHIO.....	3,350.7	3,319.4	3,241.6	20.6	20.3	20.3	146.2	138.5	146.3	1,313.2	1,301.6	1,253.5
30	Akron.....	206.3	205.5	200.4	.2	.2	.2	7.8	7.3	7.3	90.6	90.3	88.8
31	Canton.....	120.4	118.4	112.7	.3	.3	.3	4.0	3.8	3.9	60.3	58.9	54.7
32	Cincinnati.....	428.7	427.1	420.5	.4	.4	.4	19.7	19.4	19.0	149.5	148.7	146.8
33	Cleveland.....	769.4	761.7	740.4	1.0	1.0	.8	35.8	35.2	32.4	293.9	290.3	281.8
34	Columbus.....	314.5	311.7	300.0	1.0	.9	.9	16.3	15.3	16.3	81.8	82.0	77.6
35	Dayton.....	280.0	277.4	269.4	.5	.5	.5	11.2	10.6	11.8	114.7	113.9	108.6
36	Toledo.....	200.7	200.3	194.6	.3	.3	.3	8.6	8.1	7.8	74.3	74.7	73.9
37	Youngstown-Warren.....	172.3	169.9	163.0	.4	.4	.4	6.8	6.3	7.1	83.4	82.4	76.0
38	OKLAHOMA.....	643.7	636.6	633.8	43.3	42.3	42.8	37.1	36.3	37.7	99.9	98.3	98.4
39	Oklahoma City.....	212.0	209.6	204.9	6.8	6.7	6.8	14.3	13.5	14.6	27.4	26.9	25.8
40	Tulsa.....	148.3	147.6	144.2	13.1	12.9	12.9	9.2	9.6	9.0	34.2	33.8	32.7
41	OREGON.....	602.8	580.8	578.7	1.7	1.6	1.6	33.7	31.3	33.2	157.0	147.7	151.0
42	Eugene.....	59.3	57.9	56.8	(1)	(1)	(1)	3.8	3.6	3.7	19.1	18.7	18.9
43	Portland.....	311.5	304.2	296.9	(1)	(1)	(1)	16.4	15.7	15.4	72.9	70.3	69.6
44	PENNSYLVANIA.....	3,894.8	3,846.8	3,814.8	45.5	45.0	47.1	168.2	159.5	172.7	1,493.9	1,473.1	1,431.8
45	Allentown-Bethlehem-Easton.....	197.8	196.3	189.2	.5	.5	.5	8.0	7.6	7.3	102.8	102.2	96.5
46	Altoona.....	42.6	42.3	42.0	(1)	(1)	(1)	1.4	1.3	1.3	12.8	12.6	12.5
47	Erie.....	84.1	82.9	81.2	(1)	(1)	(1)	2.6	2.2	2.5	40.8	40.1	38.7
48	Harrisburg.....	160.9	157.6	156.2	(1)	(1)	(1)	9.0	8.4	7.4	35.8	35.0	35.6
49	Johnstown.....	72.7	72.3	70.2	5.3	5.3	4.9	2.1	2.0	2.2	26.7	26.6	25.3
50	Lancaster.....	105.4	102.6	100.8	(1)	(1)	(1)	6.8	6.3	5.5	51.7	49.6	49.0
51	Philadelphia.....	1,563.4	1,552.6	1,537.0	1.4	1.4	1.4	74.5	71.7	76.1	546.1	541.0	527.8
52	Pittsburgh.....	790.4	780.4	775.1	9.7	9.6	9.4	33.9	32.6	35.0	291.1	286.7	280.6
53	Reading.....	110.1	109.0	105.5	(1)	(1)	(1)	4.9	4.7	4.4	54.3	53.9	51.4
54	Scranton.....	76.8	75.8	76.6	.7	.7	1.0	2.2	2.1	2.0	31.5	31.1	31.7
55	Wilkes-Barre-Hazleton...	109.3	108.4	107.5	4.5	4.4	4.9	4.0	3.8	4.1	47.8	47.4	46.4
56	York.....	108.4	106.6	103.7	(1)	(1)	(1)	5.7	5.5	5.7	54.3	52.8	51.1
57	RHODE ISLAND.....	309.2	304.7	308.3	(1)	(1)	(1)	15.7	15.0	15.5	117.1	115.6	116.8
	Providence-Pawtucket-Warwick.....	324.6	320.2	320.4	(1)	(1)	(1)	15.9	15.2	16.0	135.1	133.7	132.4

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



# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	
155.3	154.9	153.4	437.4	429.8	424.5	99.7	98.8	98.2	317.3	312.2	306.0	294.4	291.4	281.4	1
3.6	3.5	3.6	16.1	14.0	16.2	2.9	2.9	2.9	14.1	12.6	13.3	8.8	8.7	8.5	2
34.8	35.3	35.0	37.2	37.2	36.0	8.8	8.7	8.9	25.0	25.0	24.6	27.7	27.6	26.8	3
52.2	51.7	51.0	136.7	135.9	134.7	48.7	48.5	47.5	111.6	111.4	110.0	85.1	84.6	81.8	4
23.1	23.0	23.1	89.7	89.1	87.7	15.0	14.9	14.4	54.1	54.1	52.6	40.6	39.9	38.3	5
9.7	9.7	9.8	35.5	35.2	34.0	4.3	4.2	4.1	20.4	20.2	19.6	31.1	30.7	29.6	6
6.3	6.3	6.2	19.2	19.1	18.7	4.4	4.3	4.5	19.1	19.1	18.5	22.8	22.4	21.4	7
20.1	19.7	19.8	56.2	55.2	54.9	12.1	11.8	11.5	47.7	46.7	46.1	75.1	76.6	71.7	8
6.4	6.3	6.4	22.2	21.9	21.1	6.2	6.0	5.8	21.8	21.6	21.3	21.2	21.5	20.5	9
480.8	478.1	477.4	1,323.0	1,308.7	1,316.6	505.7	505.0	504.6	1,140.9	1,127.4	1,115.8	960.5	954.1	924.7	10
13.9	13.6	13.8	46.8	46.6	46.6	9.8	9.8	9.7	39.5	38.9	38.8	59.7	59.3	57.5	11
4.8	4.7	4.7	15.5	15.1	15.4	2.8	2.8	2.7	10.3	10.4	10.0	15.4	15.4	15.0	12
31.8	31.4	31.3	86.0	86.2	85.6	16.7	16.5	16.4	58.2	58.1	57.6	61.7	61.0	59.9	13
-	-	-	6.5	6.5	6.3	-	-	-	-	-	-	-	-	-	14
26.4	26.1	25.5	145.2	140.7	133.9	24.6	24.5	23.1	102.0	98.3	94.4	101.6	100.1	98.0	15
483.7	482.8	479.6	1,258.9	1,247.3	1,238.3	512.7	511.4	507.2	1,063.1	1,057.7	1,038.8	794.7	790.1	768.8	16
364.0	363.1	360.7	959.9	950.0	945.8	435.9	435.1	432.2	852.0	847.0	831.9	610.2	607.3	592.2	17
318.5	318.0	316.9	748.5	744.2	748.3	397.2	396.6	395.4	688.2	687.9	677.0	462.5	461.5	450.1	18
12.8	12.7	12.9	53.1	52.9	50.8	9.8	9.8	9.6	40.6	40.4	38.7	36.4	36.1	35.6	19
12.8	12.6	12.8	41.8	41.4	40.1	9.8	9.8	9.6	29.1	28.8	28.4	28.7	28.1	27.7	20
5.2	5.2	5.5	16.4	16.1	16.6	4.1	4.0	4.1	11.9	11.6	11.7	24.5	24.3	24.9	21
17.0	16.9	16.3	58.1	57.3	56.4	12.4	12.3	12.2	55.5	54.8	54.9	35.1	34.8	33.8	22
74.4	74.0	70.7	249.1	248.1	242.7	53.6	53.0	51.9	154.5	153.1	149.4	188.3	196.8	183.4	23
14.9	14.9	14.2	36.0	35.6	34.8	8.9	8.9	8.8	17.4	17.3	16.8	12.3	13.5	11.6	24
6.1	6.0	5.7	21.7	21.5	20.9	7.0	7.0	6.7	-	-	-	-	-	-	25
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
12.3	11.9	12.3	40.6	40.0	39.7	6.2	6.1	6.3	25.3	25.2	24.5	41.5	39.7	40.4	27
3.1	3.0	3.0	10.4	10.3	10.2	2.1	2.1	2.1	5.9	6.1	5.9	7.4	7.6	6.9	28
204.6	203.1	200.2	641.9	637.9	631.3	132.0	130.3	130.7	428.0	425.1	417.6	464.2	462.6	441.7	29
13.4	13.3	13.2	38.8	38.7	37.8	5.8	5.7	5.8	25.1	25.5	24.8	24.6	24.5	22.6	30
6.0	6.0	6.0	21.2	21.0	20.6	3.8	3.7	3.8	14.1	13.9	13.7	10.6	10.6	9.6	31
31.6	31.6	31.6	90.7	90.4	89.0	23.5	23.3	23.4	59.6	59.4	59.0	53.6	53.9	51.3	32
47.8	47.5	46.5	155.6	155.2	151.4	36.1	35.6	35.6	107.4	106.4	103.5	91.7	90.6	88.4	33
19.3	19.1	18.4	65.8	65.1	62.2	19.7	19.3	19.0	47.3	46.8	45.2	63.2	63.2	60.5	34
10.7	10.5	10.3	48.8	48.7	47.2	7.9	7.8	7.5	36.3	35.8	34.6	50.0	49.6	48.8	35
15.0	14.8	14.1	42.3	42.2	41.3	6.7	6.6	6.7	28.3	28.4	27.1	25.0	25.2	23.5	36
8.7	8.8	8.8	30.0	29.6	29.1	4.3	4.3	4.4	21.8	21.6	21.2	16.7	16.5	16.0	37
47.8	46.1	46.9	147.0	145.7	145.4	31.3	30.7	31.3	88.7	87.4	88.1	148.6	149.8	143.2	38
14.0	13.8	13.7	50.0	49.6	48.3	13.2	13.2	13.3	30.2	29.8	28.9	56.1	56.1	53.5	39
14.3	14.1	14.1	34.1	34.0	33.3	7.5	7.3	7.4	21.6	21.7	21.5	14.3	14.2	13.3	40
46.2	44.8	44.3	131.0	127.6	126.9	26.6	26.3	26.0	85.8	83.2	81.5	120.8	118.3	114.2	41
3.7	3.5	3.5	11.5	11.2	11.0	2.5	2.5	2.3	7.0	6.8	6.5	11.7	11.6	10.9	42
28.4	27.7	27.3	75.7	74.4	73.1	17.9	17.7	17.3	48.1	47.0	46.1	52.1	51.4	48.1	43
259.7	257.4	259.7	701.7	694.2	697.6	162.9	161.4	161.4	561.8	554.4	555.9	501.1	501.8	488.6	44
10.6	10.6	10.4	30.0	30.0	30.2	5.3	5.3	5.3	24.3	24.1	23.6	16.3	16.0	15.4	45
9.0	9.1	9.3	7.1	7.1	7.0	1.1	1.1	1.1	5.9	5.9	5.9	5.3	5.2	4.9	46
4.9	4.8	4.7	14.2	14.1	14.0	2.6	2.5	2.6	10.9	10.8	10.7	8.1	8.4	8.0	47
12.4	12.3	12.5	28.1	27.2	26.9	7.0	6.8	6.9	22.3	21.8	20.9	46.3	46.1	46.0	48
4.7	4.9	4.6	11.7	11.6	11.4	1.8	1.8	1.8	10.3	10.0	10.1	10.1	10.1	9.9	49
4.9	4.9	4.8	17.7	17.7	17.6	2.3	2.3	2.4	13.3	13.2	13.0	8.7	8.6	8.5	50
105.4	104.4	106.6	309.2	307.2	304.5	85.7	85.3	86.4	238.1	239.5	235.1	202.9	202.1	199.1	51
54.2	53.7	54.4	152.7	150.9	151.1	32.3	32.3	32.3	129.3	128.2	127.9	87.2	86.4	84.4	52
5.7	5.6	5.6	16.3	16.1	16.0	4.3	4.3	4.4	14.4	14.2	14.1	10.2	10.2	9.6	53
5.7	5.6	5.9	14.4	14.1	14.3	2.4	2.4	2.4	11.3	11.2	11.0	8.6	8.6	8.3	54
5.8	5.8	5.8	18.2	18.2	18.1	3.5	3.5	3.4	12.4	12.3	12.1	13.1	13.0	12.7	55
5.6	5.6	5.4	18.1	18.0	17.5	2.4	2.4	2.4	12.3	12.3	12.2	10.0	10.0	9.4	56
15.0	14.9	14.7	57.1	56.2	57.3	13.8	13.7	13.6	46.9	46.0	47.2	43.6	43.3	43.2	57
14.5	14.4	14.2	58.4	57.5	57.5	13.8	13.7	13.6	46.0	45.1	46.3	40.9	40.6	40.4	58

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

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

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964
1	SOUTH CAROLINA.....	668.8	673.7	648.3	1.7	1.7	1.7	39.9	38.9	38.4	291.4	289.3	279.4
2	Charleston.....	69.4	70.3	65.9	(1)	(1)	(1)	6.1	5.7	4.7	11.7	12.3	11.6
3	Columbia.....	80.7	81.7	78.0	(1)	(1)	(1)	6.2	6.2	5.3	16.8	16.5	16.1
4	Greenville.....	97.0	97.5	93.6	(1)	(1)	(1)	6.8	6.5	6.4	49.4	49.4	46.7
5	SOUTH DAKOTA.....	154.6	149.7	161.6	2.5	2.5	2.6	9.3	8.2	14.6	13.3	13.1	13.3
6	Sioux Falls.....	31.6	30.8	30.1	(1)	(1)	(1)	2.6	2.2	2.1	5.5	5.4	5.4
7	TENNESSEE.....	1,092.6	1,086.1	1,046.1	6.8	6.8	6.8	61.4	58.1	58.6	377.0	375.1	360.3
8	Chattanooga.....	105.3	106.3	100.1	.2	.2	.2	5.8	5.4	4.3	43.7	44.0	42.2
9	Knoxville.....	128.7	128.8	122.7	1.7	1.7	1.7	6.0	5.8	5.6	44.9	44.5	43.7
10	Memphis.....	219.2	218.1	212.1	.3	.3	.3	12.5	12.2	12.9	49.9	49.2	47.9
11	Nashville.....	183.6	184.4	176.6	(1)	(1)	(1)	13.2	12.5	11.7	51.8	53.8	51.3
12	TEXAS.....	2,894.8	2,881.2	2,795.2	113.6	111.4	114.7	194.4	187.6	185.2	562.2	554.3	544.7
13	Dallas.....	474.7	470.7	457.5	7.8	7.7	7.8	30.6	27.5	31.2	120.8	118.5	113.7
14	Fort Worth.....	-	-	-	-	-	-	-	-	-	60.8	60.2	58.8
15	Houston.....	-	-	-	-	-	-	-	-	-	105.0	103.6	99.7
16	San Antonio.....	-	-	-	-	-	-	11.8	11.3	12.0	25.6	25.5	25.7
17	UTAH <sup>2</sup> .....	302.3	300.2	300.5	11.4	11.2	11.7	18.4	17.3	19.6	48.9	48.9	52.5
18	Salt Lake City <sup>2</sup> .....	165.4	162.1	165.6	6.4	6.3	6.6	11.4	10.2	12.2	28.3	27.9	28.7
19	VERMONT.....	119.8	116.1	114.5	1.2	1.2	1.2	7.4	6.6	6.7	38.5	37.8	35.3
20	Burlington <sup>7</sup> .....	25.2	24.4	23.3	-	-	-	-	-	-	6.4	5.9	4.5
21	Springfield <sup>7</sup> .....	13.0	12.7	12.7	-	-	-	-	-	-	7.0	7.0	6.7
22	VIRGINIA <sup>4</sup> .....	1,201.2	1,187.8	1,166.8	15.6	15.5	15.8	99.6	95.2	94.1	314.0	312.2	305.4
23	Newport News-Hampton.....	81.8	81.0	80.0	(1)	(1)	(1)	6.2	5.7	5.6	25.4	25.5	25.8
24	Norfolk-Portsmouth.....	169.2	167.5	166.5	.1	.1	.1	14.8	14.7	14.4	18.7	18.6	18.1
25	Richmond.....	196.5	195.2	189.5	.2	.2	.3	15.4	14.7	14.8	47.9	48.0	46.3
26	Roanoke.....	68.0	67.2	65.0	.1	.1	.1	5.9	5.4	5.0	16.2	16.0	15.2
27	WASHINGTON.....	891.5	874.6	863.9	2.0	2.0	1.9	48.0	45.5	43.5	227.3	220.0	222.4
28	Seattle-Everett.....	413.0	406.7	396.7	(1)	(1)	(1)	20.8	19.6	19.1	116.0	114.3	109.7
29	Spokane.....	75.2	74.1	74.3	(1)	(1)	(1)	3.8	3.4	3.4	12.8	12.4	13.1
30	Tacoma.....	84.9	83.7	82.9	(1)	(1)	(1)	4.3	4.1	4.0	18.0	17.6	17.7
31	WEST VIRGINIA.....	476.7	468.2	459.8	48.6	48.3	48.4	24.1	21.6	22.5	128.5	126.7	125.1
32	Charleston.....	76.6	75.2	75.1	3.5	3.5	3.6	2.9	2.7	3.2	21.3	21.0	20.8
33	Huntington-Ashland.....	74.5	73.6	72.7	.8	.8	.9	4.5	3.9	4.3	26.2	25.9	24.8
34	Wheeling.....	51.9	51.1	51.3	2.6	2.5	2.6	3.0	2.9	2.7	16.3	16.0	16.3
35	WISCONSIN.....	1,333.5	1,307.1	1,279.6	2.8	2.5	2.9	63.5	59.3	63.2	489.6	477.1	464.0
36	Green Bay.....	44.0	43.0	42.5	(1)	(1)	(1)	2.2	2.1	2.3	14.5	14.0	13.9
37	Kenosha.....	37.2	37.0	31.5	(1)	(1)	(1)	1.4	1.3	1.4	21.4	21.4	16.2
38	La Crosse.....	25.7	25.3	24.3	(1)	(1)	(1)	1.0	1.1	1.2	9.1	8.7	7.9
39	Madison.....	92.4	91.5	88.8	(1)	(1)	(1)	6.3	6.0	6.0	14.3	14.2	13.7
40	Milwaukee.....	500.5	491.4	479.2	(1)	(1)	(1)	24.0	23.3	21.8	201.4	196.2	191.7
41	Racine.....	51.5	50.3	48.6	(1)	(1)	(1)	2.0	1.9	1.9	25.8	25.1	23.6
42	WYOMING.....	101.2	96.9	105.1	8.7	8.5	8.9	9.4	8.7	10.8	6.9	6.5	7.5
43	Casper.....	17.9	17.8	18.4	3.2	3.2	3.4	1.1	1.0	1.5	1.5	1.4	1.6
44	Cheyenne.....	18.2	17.9	20.2	(1)	(1)	(1)	1.7	1.6	2.9	1.5	1.4	1.9

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

<sup>5</sup> Combined with manufacturing.

<sup>6</sup> Area included in New York-Northeastern New Jersey Standard Consolidated Area.

<sup>7</sup> Total includes data for industry divisions not shown separately.

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

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	
28.1	28.0	27.5	111.8	111.0	110.3	24.4	24.2	24.1	68.4	68.0	68.3	103.1	112.6	98.6	1
4.3	4.4	4.4	14.3	14.2	13.6	2.8	2.8	2.8	7.8	7.8	7.7	22.4	23.1	21.1	2
5.1	5.0	4.9	17.1	17.0	16.9	5.9	5.8	5.7	9.9	9.9	9.8	19.7	21.3	19.3	3
3.6	3.6	3.5	15.7	15.7	15.4	3.6	3.6	3.6	10.1	10.1	10.0	7.8	8.6	8.0	4
10.1	9.9	10.0	39.9	39.5	42.2	7.2	7.0	6.9	24.2	23.5	24.3	48.3	46.3	48.0	5
2.8	2.8	2.8	9.8	9.6	9.2	1.8	1.7	1.7	5.4	5.3	5.0	3.8	3.7	3.8	6
56.6	55.8	55.6	216.9	215.3	205.9	46.9	46.2	45.5	145.9	145.1	141.1	181.1	183.7	172.3	7
5.2	5.1	5.0	19.3	19.4	18.8	5.7	5.6	5.5	12.8	12.6	12.4	12.6	14.0	11.7	8
6.7	6.6	6.5	26.5	26.1	25.0	4.7	4.6	4.3	15.6	15.4	14.6	22.6	24.1	21.3	9
16.7	16.6	16.4	57.4	56.7	55.3	12.1	12.0	11.8	33.0	32.8	32.6	37.3	38.3	34.9	10
11.2	11.0	10.7	38.4	38.0	37.3	11.9	11.7	11.6	28.9	29.2	28.5	28.2	28.2	25.5	11
219.5	216.4	218.8	718.9	716.3	689.1	154.3	152.0	149.1	430.2	424.6	407.6	501.7	518.6	486.0	12
38.0	37.4	36.5	127.4	126.4	122.1	39.1	38.8	38.4	65.1	64.8	62.1	45.9	49.5	45.6	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
9.6	9.6	9.8	-	-	-	13.1	13.0	13.2	-	-	-	57.5	57.8	55.5	16
22.2	21.6	22.2	68.7	67.7	67.1	13.0	12.8	13.0	42.1	43.1	40.5	77.6	77.6	73.9	17
14.0	13.8	14.0	42.8	42.4	42.6	10.1	9.9	10.1	24.0	23.8	23.7	28.4	27.8	27.7	18
7.1	7.0	7.1	22.7	21.9	22.1	4.3	4.3	4.3	20.8	19.4	20.5	18.0	18.0	17.5	19
1.6	1.6	1.6	5.8	5.7	5.5	-	-	-	-	-	-	-	-	-	20
.7	.7	.7	1.7	1.7	1.6	-	-	-	-	-	-	-	-	-	21
86.1	84.9	83.3	245.2	243.0	238.6	53.4	52.6	51.6	161.1	158.6	157.8	226.2	225.8	220.2	22
3.9	3.9	4.0	13.6	13.5	12.7	2.4	2.4	2.4	8.6	8.4	8.1	21.7	21.6	21.4	23
14.7	14.6	14.4	40.9	40.3	39.9	6.9	6.9	6.9	22.9	22.4	22.6	50.2	49.9	50.1	24
15.8	15.7	15.5	43.8	43.9	42.6	15.1	15.0	14.8	25.5	25.3	24.2	32.8	32.4	31.0	25
8.8	8.8	8.7	15.0	15.0	14.7	3.5	3.4	3.4	10.0	10.0	9.8	8.5	8.5	8.1	26
61.5	60.3	61.4	192.5	189.8	188.7	43.9	43.2	43.4	123.8	122.2	116.2	192.5	191.6	186.4	27
31.2	30.7	30.3	91.1	89.7	89.3	25.8	25.5	25.6	57.8	57.0	56.1	70.3	69.9	66.6	28
7.1	7.0	7.3	19.8	19.6	19.6	4.3	4.2	4.3	13.7	13.8	13.1	13.7	13.7	13.5	29
5.5	5.4	5.7	18.6	18.2	17.7	4.4	4.3	4.2	12.9	12.7	12.4	21.2	21.4	21.2	30
41.2	40.5	41.6	80.4	79.7	80.8	13.7	13.6	13.8	57.4	56.8	55.4	82.8	81.0	72.0	31
8.8	8.7	8.6	16.0	15.9	16.4	3.3	3.2	3.3	9.5	9.5	9.6	11.5	11.0	9.9	32
7.0	6.9	6.9	15.4	15.4	15.6	2.8	2.8	2.7	8.4	8.3	8.4	9.5	9.7	9.2	33
3.7	3.7	3.7	10.8	10.7	11.1	1.9	1.9	1.9	7.7	7.7	7.6	6.0	5.9	5.5	34
75.8	76.0	74.2	272.5	268.9	261.8	52.1	51.3	50.4	174.3	172.3	168.4	203.0	199.7	194.8	35
4.1	4.1	4.2	10.9	10.9	10.3	1.3	1.2	1.2	6.3	6.3	6.1	4.6	4.5	4.4	36
1.5	1.5	1.6	4.9	5.0	4.8	.8	.7	.7	3.9	4.0	3.8	3.2	3.1	3.0	37
2.0	2.0	2.0	5.8	5.7	5.6	.6	.6	.6	4.2	4.2	4.2	3.1	3.1	2.9	38
4.8	4.8	4.6	18.9	18.7	18.0	4.8	4.6	4.5	13.2	13.1	12.5	30.1	30.0	29.4	39
28.9	28.7	28.2	100.2	99.7	97.4	24.1	23.8	23.5	66.1	65.6	64.3	55.8	54.0	52.4	40
1.9	1.9	1.9	8.8	8.8	8.7	1.4	1.3	1.3	6.1	6.0	5.9	5.6	5.4	5.2	41
10.1	9.8	10.8	21.8	20.7	21.8	3.5	3.5	3.4	15.2	13.4	16.3	25.6	25.8	25.6	42
1.6	1.6	1.7	4.7	4.7	4.6	.8	.8	.8	2.5	2.5	2.4	2.5	2.6	2.4	43
2.6	2.5	2.7	3.9	3.9	4.1	1.0	1.0	1.0	2.4	2.3	2.5	5.1	5.2	5.1	44

## ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

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

Year and month	Manufacturing			Durable goods			Nondurable goods		
	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
1919.....	\$21.84	46.3	\$0.472	-	-	-	-	-	-
1920.....	26.02	47.4	.549	-	-	-	-	-	-
1921.....	21.94	43.1	.509	-	-	-	-	-	-
1922.....	21.28	44.2	.482	-	-	-	-	-	-
1923.....	23.56	45.6	.516	\$25.42	-	-	\$21.50	-	-
1924.....	23.67	43.7	.541	25.48	-	-	21.63	-	-
1925.....	24.11	44.5	.541	26.02	-	-	21.99	-	-
1926.....	24.38	45.0	.542	26.23	-	-	22.29	-	-
1927.....	24.47	45.0	.544	26.28	-	-	22.55	-	-
1928.....	24.70	44.4	.556	26.86	-	-	22.42	-	-
1929.....	24.76	44.2	.560	26.84	-	-	22.47	-	-
1930.....	23.00	42.1	.546	24.42	-	-	21.40	-	-
1931.....	20.64	40.5	.509	20.98	-	-	20.09	-	-
1932.....	16.89	38.3	.441	15.99	32.5	\$0.492	17.26	41.9	\$0.412
1933.....	16.65	38.1	.437	16.20	34.7	.467	16.76	40.0	.419
1934.....	18.20	34.6	.526	18.59	33.8	.550	17.73	35.1	.505
1935.....	19.91	36.6	.544	21.24	37.2	.571	18.77	36.1	.520
1936.....	21.56	39.2	.550	23.72	40.9	.580	19.57	37.7	.519
1937.....	23.82	38.6	.617	26.61	39.9	.667	21.17	37.4	.566
1938.....	22.07	35.6	.620	23.70	34.9	.679	20.65	36.1	.572
1939.....	23.64	37.7	.627	26.19	37.9	.691	21.36	37.4	.571
1940.....	24.96	38.1	.655	28.07	39.2	.716	21.83	37.0	.590
1941.....	29.48	40.6	.726	33.56	42.0	.799	24.39	38.9	.627
1942.....	36.68	43.1	.851	42.17	45.0	.937	28.57	40.3	.709
1943.....	43.07	45.0	.957	48.73	46.5	1.048	33.45	42.5	.787
1944.....	45.70	45.2	1.011	51.38	46.5	1.105	36.38	43.1	.844
1945.....	44.20	43.5	1.016	48.36	44.0	1.099	37.48	42.3	.886
1946.....	43.32	40.3	1.075	46.22	40.4	1.144	40.30	40.5	.995
1947.....	49.17	40.4	1.217	51.76	40.5	1.278	46.03	40.2	1.145
1948.....	53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....	53.38	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....	58.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....	82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....	89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....	96.56	40.4	2.39	104.70	40.9	2.56	85.93	39.6	2.17
1963.....	99.63	40.5	2.46	108.50	41.1	2.64	87.91	39.6	2.22
1964.....	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1964: July.....	102.97	40.7	2.53	111.92	41.3	2.71	91.14	39.8	2.29
August.....	103.07	40.9	2.52	112.47	41.5	2.71	91.83	40.1	2.29
September.....	104.60	40.7	2.57	114.13	41.5	2.75	91.87	39.6	2.32
October.....	102.97	40.7	2.53	111.51	41.3	2.70	92.00	40.0	2.30
November.....	104.70	40.9	2.56	113.57	41.6	2.73	92.17	39.9	2.31
December.....	106.81	41.4	2.58	117.17	42.3	2.77	93.26	40.2	2.32
1965: January.....	105.93	40.9	2.59	115.51	41.7	2.77	92.50	39.7	2.33
February.....	105.93	40.9	2.59	115.51	41.7	2.77	92.73	39.8	2.33
March.....	107.12	41.2	2.60	117.04	42.1	2.78	93.60	40.0	2.34
April.....	105.82	40.7	2.60	115.65	41.6	2.78	92.20	39.4	2.34
May.....	107.53	41.2	2.61	117.88	42.1	2.80	94.00	40.0	2.35
June.....	108.21	41.3	2.62	118.16	42.2	2.80	94.24	40.1	2.35
July.....	107.68	41.1	2.62	117.04	41.8	2.80	95.04	40.1	2.37

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<b>MINING</b> .....	-	\$124.53	\$124.95	\$117.18	\$118.58	-	\$2.93	\$2.94	\$2.81	\$2.81
<b>METAL MINING</b> .....	-	127.56	127.87	121.06	122.72	-	3.03	3.03	2.96	2.95
Iron ores .....	-	129.90	131.04	129.34	125.29	-	3.13	3.15	3.17	3.14
Copper ores .....	-	134.54	134.42	124.03	131.02	-	3.10	3.09	3.04	3.04
<b>COAL MINING</b> .....	-	141.98	138.40	121.32	131.86	-	3.48	3.46	(2)	3.28
Bituminous .....	-	145.31	141.40	122.84	134.53	-	3.51	3.50	(2)	3.33
<b>CRUDE PETROLEUM AND NATURAL GAS</b> .....	-	115.09	118.44	113.63	110.62	-	2.76	2.80	2.68	2.64
Crude petroleum and natural gas fields .....	-	121.10	123.73	121.60	117.97	-	2.99	3.04	2.93	2.92
Oil and gas field services .....	-	110.33	114.41	106.46	104.73	-	2.59	2.63	2.47	2.43
<b>QUARRYING AND NONMETALLIC MINING</b> .....	-	120.84	119.86	117.81	116.79	-	2.61	2.60	2.55	2.55
<b>CONTRACT CONSTRUCTION</b> .....	-	138.70	139.80	134.49	133.32	-	3.65	3.65	3.53	3.49
<b>GENERAL BUILDING CONTRACTORS</b> .....	-	126.66	128.76	122.67	122.61	-	3.47	3.48	3.37	3.35
<b>HEAVY CONSTRUCTION</b> .....	-	138.94	138.69	137.92	134.83	-	3.34	3.31	3.23	3.18
Highway and street construction .....	-	140.06	138.24	136.16	132.44	-	3.28	3.23	3.13	3.08
Other heavy construction .....	-	137.83	138.79	139.78	138.44	-	3.42	3.41	3.36	3.32
<b>SPECIAL TRADE CONTRACTORS</b> .....	-	146.59	147.41	140.61	139.50	-	3.93	3.91	3.79	3.74
<b>MANUFACTURING</b> .....	\$107.68	108.21	107.53	102.97	103.48	\$2.62	2.62	2.61	2.53	2.53
<b>DURABLE GOODS</b> .....	117.04	118.16	117.88	111.92	113.01	2.80	2.80	2.80	2.71	2.71
<b>NONDURABLE GOODS</b> .....	95.04	94.24	94.00	91.14	91.37	2.37	2.35	2.35	2.29	2.29
<i>Durable Goods</i>										
<b>ORDNANCE AND ACCESSORIES</b> .....	129.89	128.54	128.13	119.70	121.91	3.10	3.09	3.08	3.00	3.01
Ammunition, except for small arms .....	134.08	132.92	132.19	122.28	122.71	3.20	3.18	3.17	3.08	3.06
Sighting and fire control equipment .....	-	130.70	125.37	128.93	131.65	-	3.18	3.15	3.16	3.18
Other ordnance and accessories .....	121.09	119.36	120.22	113.08	117.96	2.89	2.89	2.89	2.82	2.87
<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> .....	90.50	90.32	90.83	87.89	87.72	2.24	2.23	2.21	2.17	2.15
Sawmills and planing mills .....	81.20	81.60	82.61	80.59	80.56	2.03	2.04	2.01	1.98	1.96
Sawmills and planing mills, general .....	-	83.39	84.05	82.42	82.41	-	2.09	2.05	2.03	2.01
Millwork, plywood, and related products .....	96.51	97.67	98.79	93.34	94.47	2.32	2.32	2.33	2.26	2.26
Millwork .....	-	94.12	94.53	90.98	91.46	-	2.29	2.30	2.23	2.22
Veneer and plywood .....	-	100.85	102.23	95.95	97.55	-	2.34	2.35	2.29	2.29
Wooden containers .....	72.28	73.81	73.04	71.17	70.76	1.75	1.77	1.76	1.74	1.73
Wooden boxes, shooks, and crates .....	-	72.73	71.48	70.45	70.14	-	1.74	1.71	1.71	1.69
Miscellaneous wood products .....	80.54	80.54	79.93	76.17	77.49	1.95	1.95	1.94	1.89	1.89
<b>FURNITURE AND FIXTURES</b> .....	86.72	87.15	85.69	83.23	83.43	2.11	2.10	2.09	2.04	2.03
Household furniture .....	80.99	81.99	80.99	78.55	79.32	1.99	1.99	1.99	1.93	1.93
Wood house furniture, upholstered .....	-	77.83	77.65	74.64	75.36	-	1.84	1.84	1.79	1.79
Wood house furniture, upholstered .....	-	85.67	83.71	82.50	84.16	-	2.18	2.18	2.11	2.12
Mattresses and bedsprings .....	-	87.86	86.52	87.42	85.81	-	2.23	2.23	2.18	2.14
Office furniture .....	-	106.14	102.48	98.53	96.12	-	2.48	2.44	2.38	2.35
Partitions; office and store fixtures .....	-	111.76	111.64	108.39	105.18	-	2.68	2.69	2.65	2.61
Other furniture and fixtures .....	92.60	95.46	90.89	86.93	86.93	2.21	2.22	2.19	2.11	2.11
<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	110.72	110.56	110.83	107.36	107.36	2.63	2.62	2.62	2.55	2.55
Flat glass .....	-	149.29	147.98	141.86	146.86	-	3.48	3.49	3.41	3.48
Glass and glassware, pressed or blown .....	105.85	105.44	106.11	103.22	102.47	2.62	2.61	2.62	2.53	2.53
Glass containers .....	-	107.87	109.89	106.14	104.70	-	2.67	2.70	2.57	2.56
Pressed and blown glassware, n.e.c. .....	-	102.62	101.96	99.45	98.95	-	2.54	2.53	2.48	2.48
Cement, hydraulic .....	126.42	122.54	121.54	124.91	122.30	3.01	2.96	2.95	2.96	2.94
Structural clay products .....	94.89	95.57	95.99	91.74	92.40	2.27	2.27	2.28	2.20	2.20
Brick and structural clay tile .....	-	90.30	90.94	87.31	89.20	-	2.10	2.11	2.04	2.06
Pottery and related products .....	-	94.88	94.09	92.83	93.93	-	2.39	2.37	2.35	2.36
Concrete, gypsum, and plaster products .....	116.59	116.77	117.11	112.78	111.57	2.62	2.63	2.62	2.54	2.53
Other stone and mineral products .....	111.67	110.56	109.88	106.34	108.03	2.64	2.62	2.61	2.55	2.56
Abrasive products .....	-	113.55	112.61	108.94	110.12	-	2.71	2.72	2.67	2.66

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				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<b>MINING</b> .....	-	42.5	42.5	41.7	42.2	-	-	-	-	-
<b>METAL MINING</b> .....	-	42.1	42.2	40.9	41.6	-	-	-	-	-
Iron ores .....	-	41.5	41.6	40.8	39.9	-	-	-	-	-
Copper ores .....	-	43.4	43.5	40.8	43.1	-	-	-	-	-
<b>COAL MINING</b> .....	-	40.8	40.0	(2)	40.2	-	-	-	-	-
Bituminous .....	-	41.4	40.4	(2)	40.4	-	-	-	-	-
<b>CRUDE PETROLEUM AND NATURAL GAS</b> .....	-	41.7	42.3	42.4	41.9	-	-	-	-	-
Crude petroleum and natural gas fields .....	-	40.5	40.7	41.5	40.4	-	-	-	-	-
Oil and gas field services .....	-	42.6	43.5	43.1	43.1	-	-	-	-	-
<b>QUARRYING AND NONMETALLIC MINING</b> .....	-	46.3	46.1	46.2	45.8	-	-	-	-	-
<b>CONTRACT CONSTRUCTION</b> .....	-	38.0	38.3	38.1	38.2	-	-	-	-	-
<b>GENERAL BUILDING CONTRACTORS</b> .....	-	36.5	37.0	36.4	36.6	-	-	-	-	-
<b>HEAVY CONSTRUCTION</b> .....	-	41.6	41.9	42.7	42.4	-	-	-	-	-
Highway and street construction .....	-	42.7	42.8	43.5	43.0	-	-	-	-	-
Other heavy construction .....	-	40.3	40.7	41.6	41.7	-	-	-	-	-
<b>SPECIAL TRADE CONTRACTORS</b> .....	-	37.3	37.7	37.1	37.3	-	-	-	-	-
<b>MANUFACTURING</b> .....	41.1	41.3	41.2	40.7	40.9	3.5	3.6	3.5	3.0	3.2
<b>DURABLE GOODS</b> .....	41.8	42.2	42.1	41.3	41.7	3.8	4.0	3.9	3.1	3.4
<b>NONDURABLE GOODS</b> .....	40.1	40.1	40.0	39.8	39.9	3.1	3.1	3.1	2.9	2.9
<i>Durable Goods</i>										
<b>ORDNANCE AND ACCESSORIES</b> .....	41.9	41.6	41.6	39.9	40.5	-	2.7	2.4	1.6	1.9
Ammunition, except for small arms .....	41.9	41.8	41.7	39.7	40.1	-	2.9	2.5	1.6	1.7
Sighting and fire control equipment .....	-	41.1	39.8	40.8	41.4	-	1.7	.6	1.6	2.2
Other ordnance and accessories .....	41.9	41.3	41.6	40.1	41.1	-	2.5	2.3	1.6	2.4
<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> .....	40.4	40.5	41.1	40.5	40.8	-	3.7	4.0	3.4	3.5
Sawmills and planing mills .....	40.0	40.0	41.1	40.7	41.1	-	3.5	4.0	3.5	3.5
Sawmills and planing mills, general .....	-	39.9	41.0	40.6	41.0	-	-	-	-	-
Millwork, plywood, and related products .....	41.6	42.1	42.4	41.3	41.8	-	4.2	4.2	3.3	3.9
Millwork .....	-	41.1	41.1	40.8	41.2	-	-	-	-	-
Veneer and plywood .....	-	43.1	43.5	41.9	42.6	-	-	-	-	-
Wooden containers .....	41.3	41.7	41.5	40.9	40.9	-	3.8	3.7	3.3	3.2
Wooden boxes, shooks, and crates .....	-	41.8	41.8	41.2	41.5	-	-	-	-	-
Miscellaneous wood products .....	41.3	41.3	41.2	40.3	41.0	-	3.5	3.6	3.2	3.4
<b>FURNITURE AND FIXTURES</b> .....	41.1	41.5	41.0	40.8	41.1	-	3.7	3.2	3.0	3.2
Household furniture .....	40.7	41.2	40.7	40.7	41.1	-	3.6	3.1	3.0	3.3
Wood house furniture, upholstered .....	-	42.3	42.2	41.7	42.1	-	-	-	-	-
Wood house furniture, upholstered .....	-	39.3	38.4	39.1	39.7	-	-	-	-	-
Mattresses and bedspreads .....	-	39.4	38.8	40.1	40.1	-	-	-	-	-
Office furniture .....	-	42.8	42.0	41.4	40.9	-	3.9	3.4	2.5	2.4
Partitions; office and store fixtures .....	-	41.7	41.5	40.9	40.3	-	3.7	3.1	3.0	2.8
Other furniture and fixtures .....	41.9	43.0	41.5	41.2	41.2	-	4.3	3.3	3.1	3.0
<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	42.1	42.2	42.3	42.1	42.1	-	4.3	4.3	4.1	4.0
Flat glass .....	-	42.9	42.4	41.6	42.2	-	4.0	3.3	2.9	3.2
Glass and glassware, pressed or blown .....	40.4	40.4	40.5	40.8	40.5	-	3.8	3.8	3.8	3.2
Glass containers .....	-	40.4	40.7	41.3	40.9	-	-	-	-	-
Pressed and blown glassware, n.e.c. .....	-	40.4	40.3	40.1	39.9	-	-	-	-	-
Cement, hydraulic .....	42.0	41.4	41.2	42.2	41.6	-	2.3	2.3	2.3	2.3
Structural clay products .....	41.8	42.1	42.1	41.7	42.0	-	3.7	3.8	3.6	3.6
Brick and structural clay tile .....	-	43.0	43.1	42.8	43.3	-	-	-	-	-
Pottery and related products .....	-	39.7	39.7	39.5	39.8	-	2.1	2.0	2.1	2.1
Concrete, gypsum, and plaster products .....	44.5	44.4	44.7	44.4	44.1	-	6.4	6.6	6.4	6.4
Other stone and mineral products .....	42.3	42.2	42.1	14.7	42.2	-	3.7	3.7	3.2	3.4
Abrasives products .....	-	41.9	41.4	40.8	41.4	-	-	-	-	-

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<i>Durable Goods--Continued</i>										
<b>PRIMARY METAL INDUSTRIES</b>	\$136.64	\$136.21	\$134.09	\$128.96	\$130.20	\$3.20	\$3.19	\$3.17	\$3.10	\$3.10
Blast furnace and basic steel products	145.43	143.98	140.69	137.61	138.02	3.43	3.42	3.39	3.34	3.35
Blast furnaces, steel and rolling mills	-	144.97	141.66	138.92	139.33	-	3.46	3.43	3.38	3.39
Iron and steel foundries	122.98	127.45	126.14	118.15	121.24	2.86	2.89	2.88	2.78	2.80
Gray iron foundries	-	128.41	127.68	117.27	119.19	-	2.86	2.85	2.74	2.74
Malleable iron foundries	-	127.41	122.72	119.28	126.15	-	2.97	2.95	2.84	2.90
Steel foundries	-	124.55	124.82	120.69	123.55	-	2.91	2.93	2.86	2.88
Nonferrous smelting and refining	124.27	123.73	123.06	119.48	119.52	2.98	2.96	2.93	2.90	2.88
Nonferrous rolling, drawing and extruding	132.88	131.84	129.20	121.69	124.56	3.02	3.01	2.97	2.87	2.87
Copper rolling, drawing, and extruding	-	140.12	133.29	127.01	130.10	-	3.10	3.05	2.94	2.95
Aluminum rolling, drawing, and extruding	-	133.88	132.56	125.82	125.70	-	3.15	3.09	3.01	3.00
Nonferrous wire drawing and insulating	-	123.80	123.64	115.02	119.07	-	2.82	2.81	2.70	2.70
Nonferrous foundries	113.01	113.40	112.86	109.59	110.81	2.71	2.70	2.70	2.66	2.67
Aluminum castings	-	113.15	111.65	111.10	112.32	-	2.72	2.71	2.69	2.70
Other nonferrous castings	-	113.36	113.63	108.09	109.71	-	2.68	2.68	2.63	2.65
Miscellaneous primary metal industries	140.10	140.25	142.10	130.00	133.46	3.32	3.30	3.32	3.14	3.17
Iron and steel forgings	-	145.43	146.20	134.48	136.54	-	3.43	3.44	3.28	3.29
<b>FABRICATED METAL PRODUCTS</b>	114.68	117.02	116.75	111.07	112.29	2.75	2.76	2.76	2.67	2.68
Metal cans	142.77	138.01	134.83	136.53	133.80	3.23	3.18	3.18	3.11	3.09
Cutlery, hand tools, and general hardware	106.13	108.92	110.12	105.37	106.97	2.64	2.65	2.66	2.57	2.59
Cutlery and hand tools, including saws	-	106.24	105.83	100.28	102.42	-	2.56	2.55	2.47	2.48
Hardware, n.e.c.	-	110.16	113.44	109.03	110.12	-	2.70	2.74	2.64	2.66
Heating equipment and plumbing fixtures	106.37	106.63	104.92	103.68	104.34	2.62	2.62	2.61	2.56	2.57
Sanitary ware and plumbers' brass goods	-	107.45	105.18	103.79	105.67	-	2.64	2.61	2.55	2.59
Heating equipment, except electric	-	106.23	104.40	103.42	103.02	-	2.61	2.61	2.56	2.55
Fabricated structural metal products	113.84	115.35	113.84	110.51	110.92	2.73	2.74	2.73	2.65	2.66
Fabricated structural steel	-	118.58	116.06	114.21	114.36	-	2.79	2.77	2.70	2.71
Metal doors, sash, frames, and trim	-	99.78	98.06	94.35	94.71	-	2.37	2.38	2.29	2.31
Fabricated plate work (boiler shops)	-	118.98	119.85	115.09	116.48	-	2.86	2.84	2.76	2.78
Sheet metal work	-	122.25	120.96	113.85	113.98	-	2.89	2.88	2.77	2.74
Architectural and miscellaneous metal work	-	115.63	110.70	111.90	111.92	-	2.74	2.72	2.69	2.71
Screw machine products, bolts, etc.	117.78	121.11	120.56	111.67	113.52	2.72	2.74	2.74	2.64	2.64
Screw machine products	-	113.62	112.15	105.75	106.57	-	2.60	2.59	2.50	2.49
Bolts, nuts, screws, rivets, and washers	-	127.40	127.84	116.33	119.66	-	2.85	2.86	2.75	2.77
Metal stampings	126.23	130.23	131.26	121.98	123.69	2.97	2.98	2.99	2.87	2.89
Coating, engraving, and allied services	100.21	104.90	103.49	97.44	99.95	2.45	2.48	2.47	2.40	2.42
Miscellaneous fabricated wire products	102.18	104.83	103.83	97.03	99.77	2.48	2.49	2.49	2.39	2.41
Miscellaneous fabricated metal products	110.16	113.70	116.05	108.39	109.45	2.70	2.72	2.75	2.65	2.65
Valves, pipe, and pipe fittings	-	116.89	119.71	111.37	111.22	-	2.77	2.81	2.69	2.68
<b>MACHINERY</b>	125.83	127.74	127.74	121.82	123.26	2.94	2.95	2.95	2.88	2.88
Engines and turbines	127.84	132.70	132.29	130.41	129.48	3.18	3.19	3.18	3.15	3.12
Steam engines and turbines	-	135.14	135.74	137.36	136.21	-	3.37	3.36	3.40	3.38
Internal combustion engines, n.e.c.	-	131.66	130.82	126.96	126.00	-	3.12	3.10	3.03	3.00
Farm machinery and equipment	-	120.18	119.19	118.66	119.52	-	2.91	2.90	2.88	2.88
Construction and related machinery	126.39	126.26	124.82	120.83	123.69	2.96	2.95	2.93	2.87	2.89
Construction and mining machinery	-	128.47	127.44	120.42	126.23	-	3.03	3.02	2.93	2.97
Oil field machinery and equipment	-	119.39	121.00	119.34	117.99	-	2.77	2.75	2.70	2.70
Conveyors, hoists, and industrial cranes	-	123.82	120.55	123.64	119.39	-	2.84	2.81	2.81	2.77
Metalworking machinery and equipment	140.94	145.46	146.56	136.89	139.36	3.16	3.19	3.20	3.09	3.09
Machine tools, metal cutting types	-	138.78	138.31	131.57	133.95	-	3.05	3.06	2.97	2.99
Special dies, tools, jigs, and fixtures	-	161.24	165.30	153.85	159.51	-	3.46	3.48	3.33	3.33
Machine tool accessories	-	130.97	130.54	119.43	120.56	-	2.93	2.94	2.83	2.85
Miscellaneous metalworking machinery	-	136.62	135.86	126.69	125.56	-	3.07	3.06	2.96	2.92
Special industry machinery	119.94	120.77	119.78	113.63	114.70	2.77	2.77	2.76	2.68	2.68
Food products machinery	-	128.62	127.44	117.31	117.88	-	2.95	2.95	2.82	2.82
Textile machinery	-	103.77	101.95	93.98	95.26	-	2.38	2.36	2.27	2.29
General industrial machinery	127.15	128.03	126.42	120.54	121.82	2.95	2.95	2.94	2.87	2.88
Pumps, air and gas compressors	-	123.67	122.39	118.15	118.58	-	2.83	2.82	2.78	2.79
Ball and roller bearings	-	130.72	132.68	118.96	121.84	-	3.04	3.05	2.93	2.95
Mechanical power transmission goods	-	131.72	125.42	122.98	125.42	-	2.96	2.91	2.86	2.87
Office, computing, and accounting machines	127.62	127.32	125.28	120.36	120.36	3.01	3.01	2.99	2.95	2.95
Computing machines and cash registers	-	135.68	133.56	127.80	127.17	-	3.20	3.18	3.14	3.14
Service industry machines	110.42	114.63	113.82	108.21	107.90	2.68	2.71	2.71	2.62	2.60
Refrigeration, except home refrigerators	-	116.03	114.66	108.73	108.00	-	2.73	2.73	2.62	2.59
Miscellaneous machinery	117.98	120.22	122.48	115.02	117.18	2.75	2.77	2.79	2.70	2.70

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 hours					Average overtime hours				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<i>Durable Goods--Continued</i>										
<b>PRIMARY METAL INDUSTRIES</b> . . . . .	42.7	42.7	42.3	41.6	42.0	-	4.2	3.9	3.0	3.2
Blast furnace and basic steel products . . . . .	42.4	42.1	41.5	41.2	41.2	-	3.2	2.9	2.3	2.2
Blast furnaces, steel and rolling mills . . . . .	-	41.9	41.3	41.1	41.1	-	-	-	-	-
Iron and steel foundries . . . . .	43.0	44.1	43.8	42.5	43.3	-	6.0	5.8	4.4	5.1
Gray iron foundries . . . . .	-	44.9	44.8	42.8	43.5	-	-	-	-	-
Malleable iron foundries . . . . .	-	42.9	41.6	42.0	43.5	-	-	-	-	-
Steel foundries . . . . .	-	42.8	42.6	42.2	42.9	-	-	-	-	-
Nonferrous smelting and refining . . . . .	41.7	41.8	42.0	41.2	41.5	-	3.6	3.5	3.0	3.1
Nonferrous rolling, drawing and extruding . . . . .	44.0	43.8	43.5	42.4	43.4	-	5.5	4.9	3.7	4.2
Copper rolling, drawing, and extruding . . . . .	-	45.2	43.7	43.2	44.1	-	-	-	-	-
Aluminum rolling, drawing, and extruding . . . . .	-	42.5	42.9	41.8	41.9	-	-	-	-	-
Nonferrous wire drawing and insulating . . . . .	-	43.9	44.0	42.6	44.1	-	-	-	-	-
Nonferrous foundries . . . . .	41.7	42.0	41.8	41.2	41.5	-	3.8	3.5	3.0	3.2
Aluminum castings . . . . .	-	41.6	41.2	41.3	41.6	-	-	-	-	-
Other nonferrous castings . . . . .	-	42.3	42.4	41.1	41.4	-	-	-	-	-
Miscellaneous primary metal industries . . . . .	42.2	42.5	42.8	41.4	42.1	-	4.7	4.7	3.4	4.1
Iron and steel forgings . . . . .	-	42.4	42.5	41.0	41.5	-	-	-	-	-
<b>FABRICATED METAL PRODUCTS</b> . . . . .	41.7	42.4	42.3	41.6	41.9	-	4.1	4.0	3.4	3.5
Metal cans . . . . .	44.2	43.4	42.4	43.9	43.3	-	4.6	4.2	4.8	4.2
Cutlery, hand tools, and general hardware . . . . .	40.2	41.1	41.4	41.0	41.3	-	3.0	3.5	2.9	3.0
Cutlery and hand tools, including saws . . . . .	-	41.5	41.5	40.6	41.3	-	-	-	-	-
Hardware, n.e.c. . . . .	-	40.8	41.4	41.3	41.4	-	-	-	-	-
Heating equipment and plumbing fixtures . . . . .	40.6	40.7	40.2	40.5	40.6	-	2.6	2.0	2.5	2.4
Sanitary ware and plumbers' brass goods . . . . .	-	40.7	40.3	40.7	40.8	-	-	-	-	-
Heating equipment, except electric . . . . .	-	40.7	40.0	40.4	40.4	-	-	-	-	-
Fabricated structural metal products . . . . .	41.7	42.1	41.7	41.7	41.7	-	3.8	3.4	3.3	3.2
Fabricated structural steel . . . . .	-	42.5	41.9	42.3	42.2	-	-	-	-	-
Metal doors, sash, frames, and trim . . . . .	-	42.1	41.2	41.2	41.0	-	-	-	-	-
Fabricated plate work (boiler shops) . . . . .	-	41.6	42.2	41.7	41.9	-	-	-	-	-
Sheet metal work . . . . .	-	42.3	42.0	41.1	41.6	-	-	-	-	-
Architectural and miscellaneous metal work . . . . .	-	42.2	40.7	41.6	41.3	-	-	-	-	-
Screw machine products, bolts, etc. . . . .	43.3	44.2	44.0	42.3	43.0	-	5.5	5.2	3.9	4.2
Screw machine products . . . . .	-	43.7	43.3	42.3	42.8	-	-	-	-	-
Bolts, nuts, screws, rivets, and washers . . . . .	-	44.7	44.7	42.3	43.2	-	-	-	-	-
Metal stampings . . . . .	42.5	43.7	43.9	42.5	42.8	-	5.4	5.6	4.1	4.4
Coating, engraving, and allied services . . . . .	40.9	42.3	41.9	40.6	41.3	-	4.7	4.3	3.3	3.7
Miscellaneous fabricated wire products . . . . .	41.2	42.1	41.7	40.6	41.4	-	4.0	3.6	3.0	3.1
Miscellaneous fabricated metal products . . . . .	40.8	41.8	42.2	40.9	41.3	-	3.4	3.7	2.5	2.7
Valves, pipe, and pipe fittings . . . . .	-	42.2	42.6	41.4	41.5	-	-	-	-	-
<b>MACHINERY</b> . . . . .	42.8	43.3	43.3	42.3	42.8	-	4.8	4.7	3.8	4.1
Engines and turbines . . . . .	40.2	41.6	41.6	41.4	41.5	-	3.7	3.7	3.8	3.5
Steam engines and turbines . . . . .	-	40.1	40.4	40.4	40.3	-	-	-	-	-
Internal combustion engines, n.e.c. . . . .	-	42.2	42.2	41.9	42.0	-	-	-	-	-
Farm machinery and equipment . . . . .	-	41.3	41.1	41.2	41.5	-	2.9	2.8	2.3	2.7
Construction and related machinery . . . . .	42.7	42.8	42.6	42.1	42.8	-	4.4	4.2	3.4	3.9
Construction and mining machinery . . . . .	-	42.4	42.2	41.1	42.5	-	-	-	-	-
Oil field machinery and equipment . . . . .	-	43.1	44.0	44.2	43.7	-	-	-	-	-
Conveyors, hoists, and industrial cranes . . . . .	-	43.6	42.9	44.0	43.1	-	-	-	-	-
Metalworking machinery and equipment . . . . .	44.6	45.6	45.8	44.3	45.1	-	6.8	7.0	5.7	6.3
Machine tools, metal cutting types . . . . .	-	45.5	45.2	44.3	44.8	-	-	-	-	-
Special dies, tools, jigs, and fixtures . . . . .	-	46.6	47.5	46.2	47.9	-	-	-	-	-
Machine tool accessories . . . . .	-	44.7	44.4	42.2	42.3	-	-	-	-	-
Miscellaneous metalworking machinery . . . . .	-	44.5	44.4	42.8	43.0	-	-	-	-	-
Special industry machinery . . . . .	43.3	43.6	43.4	42.4	42.8	-	5.0	4.7	3.9	4.1
Food products machinery . . . . .	-	43.6	43.2	41.6	41.8	-	-	-	-	-
Textile machinery . . . . .	-	43.6	43.2	41.4	41.6	-	-	-	-	-
General industrial machinery . . . . .	43.1	43.4	43.0	42.0	42.3	-	4.8	4.5	3.3	3.6
Pumps; air and gas compressors . . . . .	-	43.7	43.4	42.5	42.5	-	-	-	-	-
Ball and roller bearings . . . . .	-	43.0	43.5	40.6	41.3	-	-	-	-	-
Mechanical power transmission goods . . . . .	-	44.5	43.1	43.0	43.7	-	-	-	-	-
Office, computing, and accounting machines . . . . .	42.4	42.3	41.9	40.8	40.8	-	3.4	2.6	1.9	1.8
Computing machines and cash registers . . . . .	-	42.4	42.0	40.7	40.5	-	-	-	-	-
Service industry machines . . . . .	41.2	42.3	42.0	41.3	41.5	-	3.7	3.1	2.6	2.7
Refrigeration, except home refrigerators . . . . .	-	42.5	42.0	41.5	41.7	-	-	-	-	-
Miscellaneous machinery . . . . .	42.9	43.4	43.9	42.6	43.4	-	5.5	5.5	4.6	5.0

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				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<i>Nondurable Goods--Continued</i>										
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES . . . . .</b>	38.3	38.5	38.5	38.3	38.4	-	2.8	3.0	2.7	2.8
Newspaper publishing and printing . . . . .	36.2	36.3	36.3	36.4	36.4	-	2.5	2.6	2.3	2.5
Periodical publishing and printing . . . . .	-	40.2	39.2	40.4	40.7	-	2.9	3.4	3.7	3.5
Books . . . . .	-	40.7	41.4	40.1	41.2	-	4.1	4.4	3.5	4.2
Commercial printing . . . . .	39.0	39.2	39.3	38.8	38.8	-	2.9	3.2	2.8	2.7
Commercial printing, except lithographic . . . . .	-	38.7	38.7	38.5	38.5	-	-	-	-	-
Commercial printing, lithographic . . . . .	-	40.4	40.4	39.7	39.4	-	-	-	-	-
Bookbinding and related industries . . . . .	39.3	39.5	39.1	38.7	38.9	-	2.6	2.7	2.3	2.5
Other publishing and printing industries . . . . .	38.5	38.8	38.7	38.9	38.5	-	2.7	2.7	2.6	2.7
<b>CHEMICALS AND ALLIED PRODUCTS . . . . .</b>	41.9	42.0	42.2	41.5	41.7	-	3.0	3.1	2.6	2.6
Industrial chemicals . . . . .	41.9	41.9	42.0	41.4	41.7	-	3.0	2.8	2.6	2.6
Plastics and synthetics, except glass . . . . .	43.0	42.8	42.7	42.6	42.5	-	3.1	2.8	2.7	2.9
Plastics and synthetics, except fibers . . . . .	-	43.9	43.8	43.4	43.3	-	-	-	-	-
Synthetic fibers . . . . .	-	42.2	42.1	42.1	42.0	-	-	-	-	-
Drugs . . . . .	40.6	41.2	41.0	39.6	40.4	-	2.6	2.5	1.6	1.6
Pharmaceutical preparations . . . . .	-	40.6	40.3	39.1	40.0	-	-	-	-	-
Soap, cleaners, and toilet goods . . . . .	40.2	40.9	40.4	40.1	40.9	-	2.4	2.0	2.2	2.6
Soap and detergents . . . . .	-	42.1	40.9	41.8	42.2	-	-	-	-	-
Toilet preparations . . . . .	-	39.6	39.5	37.7	38.7	-	-	-	-	-
Paints, varnishes, and allied products . . . . .	41.7	42.0	42.3	42.0	41.7	-	3.3	3.3	3.1	2.7
Agricultural chemicals . . . . .	41.6	41.9	45.9	42.0	42.3	-	3.7	8.0	3.2	3.4
Fertilizers, complete and mixing only . . . . .	-	41.6	46.3	42.0	42.1	-	-	-	-	-
Other chemical products . . . . .	42.6	42.4	42.1	42.0	41.8	-	3.4	3.1	2.9	3.0
<b>PETROLEUM REFINING AND RELATED INDUSTRIES . . . . .</b>	42.7	42.7	42.4	42.3	42.1	-	3.4	3.0	2.9	2.8
Petroleum refining . . . . .	41.9	41.9	41.9	41.4	41.2	-	2.5	2.2	1.9	1.8
Other petroleum and coal products . . . . .	45.5	45.4	44.4	45.5	45.3	-	6.4	5.8	6.4	6.3
<b>RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS . . . . .</b>	41.6	42.0	41.6	40.8	41.6	-	4.0	3.7	3.1	3.6
Tires and inner tubes . . . . .	44.1	43.6	42.9	40.9	42.7	-	5.7	4.7	3.7	4.8
Other rubber products . . . . .	40.8	41.4	41.1	40.5	41.0	-	3.4	3.1	2.5	2.8
Miscellaneous plastic products . . . . .	41.2	41.8	41.5	41.0	41.6	-	3.7	3.9	3.5	3.7
<b>LEATHER AND LEATHER PRODUCTS . . . . .</b>	38.7	38.2	37.9	38.6	38.5	-	1.7	1.6	1.9	1.7
Leather tanning and finishing . . . . .	39.7	41.3	41.6	40.4	41.2	-	3.5	3.5	2.9	3.3
Foot wear, except rubber . . . . .	38.8	37.8	37.5	38.7	38.2	-	1.4	1.3	1.9	1.5
Other leather products . . . . .	38.1	38.1	37.8	37.6	38.2	-	1.8	1.6	1.5	1.7
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
<b>RAILROAD TRANSPORTATION:</b>										
Class I railroads . . . . *	-	(2)	(2)	44.3	44.3	-	-	-	-	-
<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
Local and suburban transportation . . . . .	-	42.5	42.5	42.7	43.0	-	-	-	-	-
Intercity and rural bus lines . . . . .	-	43.6	43.8	46.9	43.8	-	-	-	-	-
<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE . . . . .</b>										
-	-	42.4	41.8	42.3	42.1	-	-	-	-	-
<b>PIPELINE TRANSPORTATION . . . . .</b>										
-	-	40.4	41.7	41.4	40.3	-	-	-	-	-
<b>COMMUNICATION:</b>										
Telephone communication . . . . .	-	40.4	40.1	40.2	40.0	-	-	-	-	-
Switchboard operating employees <sup>3</sup> . . . . .	-	36.9	36.8	37.2	36.9	-	-	-	-	-
Line construction employees <sup>4</sup> . . . . .	-	45.1	44.4	45.4	45.1	-	-	-	-	-
Telegraph communication <sup>5</sup> . . . . .	-	43.1	43.5	42.3	42.4	-	-	-	-	-
Radio and television broadcasting . . . . .	-	40.2	39.6	40.0	39.3	-	-	-	-	-
<b>ELECTRIC, GAS, AND SANITARY SERVICES . . . . .</b>										
Electric companies and systems . . . . .	-	41.1	41.3	41.5	41.0	-	-	-	-	-
Gas companies and systems . . . . .	-	41.2	41.5	41.8	41.4	-	-	-	-	-
Combined utility systems . . . . .	-	40.3	40.3	41.1	40.9	-	-	-	-	-
Water, steam, and sanitary systems . . . . .	-	41.5	41.8	41.5	40.7	-	-	-	-	-
-	-	41.2	41.6	42.1	41.3	-	-	-	-	-

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<b>WHOLESALE AND RETAIL TRADE<sup>6</sup></b> . . . . .	-	\$82.56	\$82.30	\$81.33	\$80.50	-	\$2.15	\$2.16	\$2.08	\$2.08
<b>WHOLESALE TRADE</b> . . . . .	-	106.19	106.75	103.07	102.82	-	2.59	2.61	2.52	2.52
Motor vehicles and automotive equipment . . . . .	-	99.30	99.48	96.83	96.60	-	2.37	2.38	2.30	2.30
Drugs, chemicals, and allied products . . . . .	-	108.27	108.00	105.30	104.78	-	2.68	2.68	2.60	2.60
Dry goods and apparel . . . . .	-	97.76	99.91	95.51	94.12	-	2.60	2.65	2.52	2.49
Groceries and related products . . . . .	-	99.90	98.47	98.75	97.39	-	2.39	2.39	2.34	2.33
Electrical goods . . . . .	-	121.84	123.55	111.11	110.70	-	2.84	2.86	2.71	2.70
Hardware, plumbing, and heating goods . . . . .	-	102.41	101.66	97.77	98.90	-	2.51	2.51	2.42	2.43
Machinery, equipment, and supplies . . . . .	-	113.30	116.05	111.92	110.29	-	2.75	2.81	2.71	2.69
<b>RETAIL TRADE<sup>6</sup></b> . . . . .	-	72.74	71.96	71.62	70.50	-	1.95	1.95	1.87	1.87
General merchandise stores . . . . .	-	59.16	58.46	57.75	57.27	-	1.74	1.74	1.65	1.66
Department stores . . . . .	-	63.69	62.79	62.45	61.72	-	1.89	1.88	1.81	1.81
Limited price variety stores . . . . .	-	43.51	42.67	42.51	41.21	-	1.39	1.39	1.30	1.30
Food stores . . . . .	-	70.79	68.95	70.17	68.80	-	2.04	2.04	1.96	1.96
Grocery, meat, and vegetable stores . . . . .	-	72.59	70.51	71.80	70.40	-	2.08	2.08	2.00	2.00
Apparel and accessories stores . . . . .	-	57.63	56.77	56.70	55.75	-	1.71	1.71	1.62	1.63
Men's and boys' apparel stores . . . . .	-	70.92	70.59	69.55	67.89	-	1.97	1.95	1.84	1.83
Women's ready-to-wear stores . . . . .	-	51.28	50.67	50.22	49.83	-	1.54	1.54	1.46	1.47
Family clothing stores . . . . .	-	55.78	55.61	55.73	53.74	-	1.68	1.67	1.62	1.59
Shoe stores . . . . .	-	56.99	54.47	56.61	56.05	-	1.77	1.78	1.66	1.73
Furniture and appliance stores . . . . .	-	87.02	86.76	85.86	84.63	-	2.17	2.18	2.12	2.10
Other retail trade . . . . .	-	83.23	82.62	81.51	80.73	-	2.03	2.02	1.95	1.95
Motor vehicle dealers . . . . .	-	105.56	105.56	102.31	102.75	-	2.41	2.41	2.32	2.33
Other vehicle and accessory dealers . . . . .	-	87.44	86.17	88.80	86.88	-	2.01	1.99	2.00	1.97
Drug stores . . . . .	-	60.88	60.02	61.59	60.06	-	1.71	1.71	1.66	1.65
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>										
Banking . . . . .	-	78.81	78.86	76.88	75.89	-	2.13	2.12	2.05	2.04
Security dealers and exchanges <sup>7</sup> . . . . .	-	125.58	128.54	118.64	118.30	-	-	-	-	-
Insurance carriers <sup>7</sup> . . . . .	-	94.95	95.39	91.94	91.92	-	-	-	-	-
Life insurance <sup>7</sup> . . . . .	-	96.00	95.67	92.64	92.70	-	-	-	-	-
Accident and health insurance <sup>7</sup> . . . . .	-	83.42	84.20	80.40	80.23	-	-	-	-	-
Fire, marine, and casualty insurance <sup>7</sup> . . . . .	-	96.60	97.54	93.99	93.87	-	-	-	-	-
<b>SERVICES AND MISCELLANEOUS:</b>										
Hotels and lodging places:										
Hotels, tourist courts, and motels <sup>8</sup> . . . . .	-	48.84	50.09	48.34	48.00	-	1.32	1.35	1.23	1.25
Personal services:										
Laundries, cleaning and dyeing plants . . . . .	-	59.43	60.04	55.73	56.16	-	1.52	1.52	1.44	1.44
Motion pictures:										
Motion picture filming and distributing . . . . .	-	149.31	145.08	136.80	138.45	-	-	-	-	-

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				
	July 1965	June 1965	May 1965	July 1964	June 1964	July 1965	June 1965	May 1965	July 1964	June 1964
<b>WHOLESALE AND RETAIL TRADE<sup>4</sup></b> . . . . .	-	38.4	38.1	39.1	38.7	-	-	-	-	-
<b>WHOLESALE TRADE</b> . . . . .	-	41.0	40.9	40.9	40.8	-	-	-	-	-
Motor vehicles and automotive equipment . . . . .	-	41.9	41.8	42.1	42.0	-	-	-	-	-
Drugs, chemicals, and allied products . . . . .	-	40.4	40.3	40.5	40.3	-	-	-	-	-
Dry goods and apparel . . . . .	-	37.6	37.7	37.9	37.8	-	-	-	-	-
Groceries and related products . . . . .	-	41.8	41.2	42.2	41.8	-	-	-	-	-
Electrical goods . . . . .	-	42.9	43.2	41.0	41.0	-	-	-	-	-
Hardware, plumbing, and heating goods . . . . .	-	40.8	40.5	40.4	40.7	-	-	-	-	-
Machinery, equipment, and supplies . . . . .	-	41.2	41.3	41.3	41.0	-	-	-	-	-
<b>RETAIL TRADE<sup>4</sup></b> . . . . .	-	37.3	36.9	38.3	37.7	-	-	-	-	-
General merchandise stores . . . . .	-	34.0	33.6	35.0	34.5	-	-	-	-	-
Department stores . . . . .	-	33.7	33.4	34.5	34.1	-	-	-	-	-
Limited price variety stores . . . . .	-	31.3	30.7	32.7	31.7	-	-	-	-	-
Food stores . . . . .	-	34.7	33.8	35.8	35.1	-	-	-	-	-
Grocery, meat, and vegetable stores . . . . .	-	34.9	33.9	35.9	35.2	-	-	-	-	-
Apparel and accessories stores . . . . .	-	33.7	33.2	35.0	34.2	-	-	-	-	-
Men's and boys' apparel stores . . . . .	-	36.0	36.2	37.8	37.1	-	-	-	-	-
Women's ready-to-wear stores . . . . .	-	33.3	32.9	34.4	33.9	-	-	-	-	-
Family clothing stores . . . . .	-	33.2	33.3	34.4	33.8	-	-	-	-	-
Shoe stores . . . . .	-	32.2	30.6	34.1	32.4	-	-	-	-	-
Furniture and appliance stores . . . . .	-	40.1	39.8	40.5	40.3	-	-	-	-	-
Other retail trade . . . . .	-	41.0	40.9	41.8	41.4	-	-	-	-	-
Motor vehicle dealers . . . . .	-	43.8	43.8	44.1	44.1	-	-	-	-	-
Other vehicle and accessory dealers . . . . .	-	43.5	43.3	44.4	44.1	-	-	-	-	-
Drug stores . . . . .	-	35.6	35.1	37.1	36.4	-	-	-	-	-
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>										
Banking . . . . .	-	37.0	37.2	37.5	37.2	-	-	-	-	-
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>6</sup> . . . . .	-	37.0	37.1	39.3	38.4	-	-	-	-	-
Personal services:										
Laundries, cleaning and dyeing plants . . . . .	-	39.1	39.5	38.7	39.0	-	-	-	-	-
Motion pictures:										
Motion picture filming and distributing . . . . .	-	-	-	-	-	-	-	-	-	-

<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>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 1963, such employees made up 32 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 1963, such employees made up 31 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

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

<sup>6</sup>Data exclude eating and drinking places.

<sup>7</sup>Data exclude earnings of nonoffice salesmen.

<sup>8</sup>Money payments only; additional value of board, room, uniforms, and tips, not included.

\*Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more. Data for January 1965: \$127.08, \$2.99, and 42.5.

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>				
	July 1965	June 1965	May 1965	July 1964	June 1964
<b>MANUFACTURING</b> .....	\$2.52	\$2.51	\$2.50	\$2.44	\$2.44
<b>DURABLE GOODS</b> .....	2.68	2.67	2.67	2.61	2.61
Ordnance and accessories .....	-	2.99	3.00	2.95	2.94
Lumber and wood products, except furniture .....	-	2.13	2.11	2.08	2.06
Furniture and fixtures .....	-	2.01	2.02	1.97	1.96
Stone, clay, and glass products .....	-	2.50	2.49	2.43	2.43
Primary metal industries .....	-	3.04	3.03	2.99	2.99
Fabricated metal products .....	-	2.63	2.64	2.57	2.58
Machinery .....	-	2.80	2.80	2.75	2.75
Electrical equipment and supplies .....	-	2.51	2.51	2.46	2.46
Transportation equipment .....	-	3.03	3.03	2.97	2.96
Instruments and related products .....	-	2.53	2.51	2.47	2.46
Miscellaneous manufacturing industries .....	-	2.07	2.07	2.02	2.02
<b>NONDURABLE GOODS</b> .....	2.28	2.26	2.26	2.21	2.21
Food and kindred products .....	-	2.35	2.36	2.27	2.29
Tobacco manufactures .....	-	2.18	2.16	2.00	2.00
Textile mill products .....	-	1.76	1.75	1.70	1.70
Apparel and related products .....	-	1.79	1.77	1.75	1.74
Paper and allied products .....	-	2.49	2.49	2.44	2.42
Printing, publishing, and allied industries .....	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products .....	-	2.77	2.75	2.72	2.71
Petroleum refining and related industries .....	-	3.13	3.14	3.06	3.07
Rubber and miscellaneous plastic products .....	-	2.48	2.47	2.44	2.43
Leather and leather products .....	-	1.83	1.84	1.77	1.79

<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		
	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964
<b>MINING:</b>									
Current dollars .....	\$124.53	\$124.95	\$118.58	\$102.71	\$103.05	\$96.71	\$111.13	\$111.48	\$105.10
1957-59 dollars .....	113.11	114.01	109.80	93.29	94.02	89.55	100.94	101.72	97.31
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars .....	138.70	139.80	133.32	114.08	114.96	108.33	123.09	124.00	117.45
1957-59 dollars .....	125.98	127.55	123.44	103.61	104.89	100.31	111.80	113.14	108.75
<b>MANUFACTURING:</b>									
Current dollars .....	108.21	107.53	103.48	89.62	89.08	84.80	97.35	96.78	92.60
1957-59 dollars .....	98.28	98.11	95.81	81.40	81.28	78.52	88.42	88.30	85.74
<b>WHOLESALE AND RETAIL TRADE:<sup>2</sup></b>									
Current dollars .....	82.56	82.30	80.50	68.99	68.78	66.55	76.03	75.82	73.92
1957-59 dollars .....	74.99	75.09	74.54	62.66	62.76	61.62	69.06	69.18	68.44

<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	July 1965	June 1965	May 1965	July 1964	June 1964
	Man-hours				
<b>TOTAL</b> .....	111.4	111.6	108.9	105.7	106.2
<b>MINING</b> .....	85.0	85.3	83.6	84.1	85.8
<b>CONTRACT CONSTRUCTION</b> .....	125.2	121.1	115.3	122.8	118.6
<b>MANUFACTURING</b> .....	110.3	111.2	109.0	103.7	105.0
<b>DURABLE GOODS</b> .....	114.9	116.2	114.1	105.4	107.4
Ordnance and accessories .....	134.6	129.0	126.8	126.1	130.3
Lumber and wood products, except furniture ..	101.5	101.1	97.7	101.1	101.2
Furniture and fixtures .....	116.3	117.5	114.1	109.4	110.4
Stone, clay, and glass products .....	112.1	111.7	109.4	110.6	110.6
Primary metal industries .....	116.6	116.7	113.7	105.8	106.9
Fabricated metal products .....	117.2	120.0	117.7	107.2	109.9
Machinery .....	122.4	124.0	122.4	111.9	114.2
Electrical equipment and supplies .....	123.6	125.7	123.0	110.8	111.3
Transportation equipment .....	107.4	109.1	108.9	93.1	97.5
Instruments and related products .....	111.6	112.3	108.7	103.6	104.8
Miscellaneous manufacturing industries .....	106.4	110.2	107.8	100.6	104.7
<b>NONDURABLE GOODS</b> .....	104.2	104.7	102.5	101.5	101.9
Food and kindred products .....	94.7	90.3	86.8	95.5	91.6
Tobacco manufactures .....	70.2	71.6	70.2	76.9	79.2
Textile mill products .....	100.0	102.9	100.9	95.6	98.6
Apparel and related products .....	112.1	116.7	114.1	107.8	110.2
Paper and allied products .....	111.3	111.5	108.7	108.0	109.3
Printing, publishing, and allied industries .....	109.0	109.4	108.8	105.5	106.3
Chemicals and allied products .....	109.6	109.9	110.7	106.0	107.1
Petroleum refining and related industries .....	81.8	81.6	78.6	82.8	82.7
Rubber and miscellaneous plastic products .....	128.4	131.2	128.8	117.0	120.3
Leather and leather products .....	98.9	98.9	96.7	99.0	98.6
	Payrolls				
<b>MINING</b> .....	-	100.2	98.6	94.8	96.8
<b>CONTRACT CONSTRUCTION</b> .....		156.5	149.0	153.3	146.5
<b>MANUFACTURING</b> .....	136.7	137.7	134.7	124.1	125.8

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

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

# ESTABLISHMENT DATA SEASONALLY ADJUSTED HOURS

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

Industry	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964
<b>MINING</b> .....	42.7	41.8	42.2	41.8	42.1	41.4	41.8	42.2	42.2	41.9	41.0	41.6	41.8
<b>CONTRACT CONSTRUCTION</b> .....	37.1	37.1	37.7	36.9	37.5	37.4	37.5	39.0	37.7	37.1	35.6	37.0	36.8
<b>MANUFACTURING</b> .....	41.0	41.0	41.1	40.9	41.4	41.3	41.4	41.2	40.9	40.5	40.5	40.8	40.6
<i>Overtime hours</i> .....	3.5	3.5	3.5	3.2	3.8	3.7	3.6	3.5	3.2	3.2	3.2	3.2	3.0
<b>DURABLE GOODS</b> .....	41.8	41.9	41.9	41.7	42.3	42.0	42.2	42.0	41.6	41.2	41.4	41.5	41.3
<i>Overtime hours</i> .....	3.9	3.8	4.0	3.5	4.1	4.1	3.9	3.7	3.3	3.3	3.4	3.4	3.2
Ordnance and accessories .....	42.5	41.7	41.7	41.0	41.4	41.0	41.0	40.6	40.4	40.6	40.0	40.4	40.4
Lumber and wood products, except furniture ...	40.2	39.6	40.8	40.5	40.7	40.1	40.3	40.2	39.9	39.7	39.4	40.4	40.3
Furniture and fixtures .....	41.3	41.5	41.7	41.2	42.0	42.0	41.6	41.8	41.5	41.2	40.5	41.2	41.0
Stone, clay, and glass products .....	41.5	41.5	41.8	41.2	41.7	41.7	41.7	42.2	41.5	41.5	41.1	41.3	41.5
Primary metal industries .....	42.6	42.2	42.0	43.6	42.5	42.4	42.4	42.2	42.2	41.9	42.8	42.2	41.5
Fabricated metal products .....	41.7	41.9	42.2	41.6	42.7	42.5	42.3	42.3	42.0	41.4	41.3	41.7	41.6
Machinery .....	42.9	42.9	43.0	42.1	43.4	43.1	43.0	43.1	42.8	42.0	42.0	42.5	42.4
Electrical equipment and supplies .....	40.8	40.9	41.1	40.4	41.3	41.2	41.1	41.1	40.9	40.7	40.3	40.6	40.6
Transportation equipment .....	43.0	43.0	42.9	42.3	43.6	43.3	43.5	42.9	41.5	40.5	42.3	42.6	41.7
Instruments and related products .....	41.5	41.4	41.7	40.5	41.6	41.5	41.3	41.3	41.1	40.9	40.9	41.0	41.0
Miscellaneous manufacturing industries .....	39.8	39.6	39.8	39.4	40.0	39.9	39.9	40.0	39.7	39.7	39.1	40.0	39.8
<b>NONDURABLE GOODS</b> .....	39.8	39.8	40.0	39.8	40.2	40.2	40.1	40.0	40.0	39.9	39.4	39.7	39.5
<i>Overtime hours</i> .....	3.0	3.0	3.2	2.9	3.2	3.1	3.1	3.1	2.9	2.9	2.9	2.9	2.8
Food and kindred products .....	40.9	40.8	40.9	40.8	41.0	41.0	41.3	41.3	41.0	41.0	40.7	40.8	40.6
Tobacco manufactures .....	38.0	37.2	37.6	35.9	38.8	39.3	38.4	39.6	38.5	39.3	37.0	38.4	39.6
Textile mill products .....	41.3	41.4	41.5	41.3	42.0	42.0	42.2	41.8	41.5	41.4	40.0	41.2	40.8
Apparel and related products .....	36.3	36.4	36.6	35.8	36.8	36.7	36.8	36.5	36.4	36.2	34.9	35.9	36.0
Paper and allied products .....	43.1	43.0	43.1	42.4	43.2	43.0	43.1	42.9	42.4	42.9	42.7	43.0	42.9
Printing, publishing, and allied industries .....	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.4	38.6	38.5	38.6	38.4
Chemicals and allied products .....	41.8	41.7	42.0	42.4	41.8	41.9	41.8	41.6	41.7	41.6	42.1	41.3	41.4
Petroleum refining and related industries .....	42.0	42.2	42.3	42.7	42.2	41.7	41.3	42.0	41.7	41.6	42.5	42.1	41.6
Rubber and miscellaneous plastic products .....	41.5	41.6	41.6	41.1	42.4	42.4	42.3	41.6	41.3	41.6	41.3	41.8	40.7
Leather and leather products .....	38.0	37.6	38.4	38.3	38.3	38.1	37.5	38.2	38.1	38.5	37.7	37.9	37.9
<b>WHOLESALE AND RETAIL TRADE<sup>2</sup></b> .....	-	38.1	38.2	38.3	38.3	38.3	38.3	38.4	38.3	38.4	38.2	38.5	38.6
<b>WHOLESALE TRADE</b> .....	-	40.9	40.9	40.7	40.9	40.8	40.8	40.9	40.9	40.6	40.5	40.7	40.7
<b>RETAIL TRADE<sup>2</sup></b> .....	-	37.1	37.1	37.3	37.1	37.2	37.1	37.3	37.3	37.5	37.3	37.5	37.7

<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**

Industry	1957-59=100												
	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964
<b>TOTAL</b> .....	109.2	108.7	108.7	107.4	109.6	108.6	108.1	108.2	105.7	102.4	103.2	104.0	103.5
<b>MINING</b> .....	84.6	82.0	82.4	81.8	83.1	81.7	82.5	83.8	84.1	83.2	80.7	81.9	83.6
<b>CONTRACT CONSTRUCTION</b> .....	108.0	110.0	111.9	108.7	115.4	114.2	112.9	118.0	110.8	106.7	101.4	106.4	106.1
<b>MANUFACTURING</b> .....	110.7	109.8	109.4	108.5	109.9	109.0	108.5	107.7	105.9	102.6	104.6	104.7	104.0
<b>DURABLE GOODS</b> .....	115.9	114.1	113.2	112.4	113.7	112.5	111.6	110.7	108.2	102.9	107.6	106.9	106.1
Ordnance and accessories .....	137.4	131.0	128.5	123.8	126.3	126.3	125.1	123.9	125.7	126.3	125.7	128.2	129.4
Lumber and wood products, except furniture ...	96.5	93.8	96.7	96.7	98.8	96.6	95.8	96.1	94.7	93.5	93.2	95.7	96.4
Furniture and fixtures .....	118.6	117.9	118.1	117.0	118.9	117.6	115.5	115.7	113.5	112.4	110.1	111.0	111.5
Stone, clay, and glass products .....	107.0	106.1	106.9	106.2	108.3	107.3	107.3	108.1	106.1	105.7	105.1	105.2	105.5
Primary metal industries .....	118.1	114.2	110.4	115.2	112.7	112.4	112.2	111.3	111.0	108.5	111.3	108.2	106.9
Fabricated metal products .....	118.5	117.1	117.3	115.7	115.7	117.9	115.5	113.9	111.0	105.7	110.6	110.1	108.2
Machinery .....	123.2	121.5	120.3	117.2	120.7	118.8	118.3	118.5	115.6	113.6	113.9	113.2	112.5
Electrical equipment and supplies .....	126.7	125.8	124.9	122.2	123.6	121.8	120.1	119.2	117.2	115.3	113.7	113.6	113.7
Transportation equipment .....	110.0	108.9	107.5	105.6	108.0	105.1	105.1	101.5	96.1	76.4	100.0	97.7	95.3
Instruments and related products .....	114.2	111.6	109.7	107.9	109.9	109.2	107.7	107.3	105.8	104.0	104.9	105.1	106.0
Miscellaneous manufacturing industries .....	109.2	108.7	108.9	108.8	110.1	108.8	108.2	108.8	107.0	105.7	103.1	104.2	103.0
<b>NONDURABLE GOODS</b> .....	104.0	104.3	104.4	103.5	105.0	104.4	104.4	103.8	102.9	102.2	100.8	101.7	101.3
Food and kindred products .....	90.4	90.5	91.6	90.8	93.1	92.9	94.0	94.4	93.4	91.9	91.3	92.3	91.2
Tobacco manufactures .....	85.7	82.8	83.7	79.9	85.2	87.5	86.6	91.8	93.9	93.4	80.1	84.3	94.2
Textile mill products .....	100.6	100.8	100.8	100.5	102.2	101.7	101.8	100.3	99.0	98.2	94.9	97.2	96.2
Apparel and related products .....	114.1	117.7	116.2	113.3	115.7	114.7	115.4	113.5	112.7	111.4	107.4	109.7	109.9
Paper and allied products .....	111.5	109.7	109.8	108.4	110.2	109.3	108.9	108.4	107.3	108.2	107.7	108.2	108.2
Printing, publishing, and allied industries .....	110.3	109.5	109.3	109.2	109.0	108.8	108.1	108.2	106.8	107.1	107.2	107.1	106.6
Chemicals and allied products .....	109.5	108.9	109.0	109.9	108.5	108.4	107.9	106.6	106.5	105.4	107.5	105.4	105.9
Petroleum refining and related industries .....	79.1	79.5	77.5	79.7	79.5	77.1	77.1	78.4	78.5	79.7	81.4	80.0	80.4
Rubber and miscellaneous plastic products .....	131.0	129.9	129.5	128.7	132.0	130.5	127.6	124.0	122.4	122.2	123.5	123.9	119.5
Leather and leather products .....	97.3	97.2	100.2	99.0	99.7	98.5	96.7	98.5	98.2	98.3	96.6	96.4	97.4

<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**  
**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		
	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964
ALABAMA.....	\$94.50	\$92.77	\$89.60	42.0	41.6	41.1	\$2.25	\$2.23	\$2.18
Birmingham.....	118.40	119.81	118.30	41.4	41.6	42.4	2.86	2.88	2.79
Mobile.....	107.68	105.25	100.69	41.9	41.6	40.6	2.57	2.53	2.48
ALASKA.....	(1)	164.20	150.76	(1)	44.5	43.7	(1)	3.69	3.45
ARIZONA.....	113.44	111.66	109.89	41.1	40.9	40.4	2.76	2.73	2.72
Phoenix.....	115.78	114.96	110.16	41.5	41.5	40.5	2.79	2.77	2.72
Tucson.....	116.47	109.35	116.72	40.3	38.1	39.7	2.89	2.87	2.94
ARKANSAS.....	74.48	73.67	71.98	40.7	40.7	40.9	1.83	1.81	1.76
Fort Smith.....	75.17	70.98	68.40	41.3	39.0	40.0	1.82	1.82	1.71
Little Rock-North Little Rock.....	75.26	74.89	73.08	40.9	40.7	40.6	1.84	1.84	1.80
Pine Bluff.....	88.70	88.78	86.22	40.5	41.1	40.1	2.19	2.16	2.15
CALIFORNIA.....	124.14	122.72	119.58	40.7	40.5	40.4	3.05	3.03	2.96
Anaheim-Santa Ana-Garden Grove.....	125.55	123.22	121.66	41.3	40.8	41.1	3.04	3.02	2.96
Bakersfield.....	137.48	130.57	133.31	42.3	40.3	41.4	3.25	3.24	3.22
Fresno.....	104.01	99.70	99.20	39.1	38.2	38.9	2.66	2.61	2.55
Los Angeles-Long Beach.....	122.29	120.58	116.64	40.9	40.6	40.5	2.99	2.97	2.88
Sacramento.....	128.08	132.11	128.48	39.9	40.4	39.9	3.21	3.27	3.22
San Bernardino-Riverside-Ontario.....	121.80	120.09	121.29	40.6	40.3	40.7	3.00	2.98	2.98
San Diego.....	130.33	128.64	127.70	40.6	40.2	40.8	3.21	3.20	3.13
San Francisco-Oakland.....	131.67	130.94	125.37	39.9	39.8	39.3	3.30	3.29	3.19
San Jose.....	130.29	129.78	121.50	41.1	41.2	40.1	3.17	3.15	3.03
Stockton.....	124.74	124.34	116.87	40.5	40.9	40.3	3.08	3.04	2.90
Vallejo-Napa.....	119.18	120.12	118.70	38.2	39.0	40.1	3.12	3.08	2.96
COLORADO.....	115.75	117.99	114.82	40.9	41.4	41.6	2.83	2.85	2.76
Denver.....	117.10	119.23	115.51	40.8	41.4	41.4	2.87	2.88	2.79
CONNECTICUT.....	113.10	113.10	109.41	42.2	42.2	41.6	2.68	2.68	2.63
Bridgeport.....	116.62	116.06	113.70	42.1	41.9	41.8	2.77	2.77	2.72
Hartford.....	118.72	119.00	113.28	42.4	42.5	41.8	2.80	2.80	2.71
New Britain 2.....	115.22	117.72	110.66	41.9	42.5	41.6	2.75	2.77	2.66
New Haven.....	108.88	107.94	106.45	41.4	41.2	41.1	2.63	2.62	2.59
Stamford.....	114.93	114.24	112.19	42.1	42.0	41.4	2.73	2.72	2.71
Waterbury.....	113.21	112.41	108.42	42.4	42.1	41.7	2.67	2.67	2.60
DELAWARE.....	111.37	114.75	103.02	41.4	42.5	40.4	2.69	2.70	2.55
Wilmington.....	123.71	126.35	116.23	41.1	41.7	40.5	3.01	3.03	2.87
DISTRICT OF COLUMBIA:									
Washington SMEA.....	113.83	113.00	110.00	40.8	40.5	40.0	2.79	2.79	2.75
FLORIDA.....	91.54	90.94	87.77	41.8	42.1	41.4	2.19	2.16	2.12
Jacksonville.....	94.58	93.02	89.02	41.3	40.8	40.1	2.29	2.28	2.22
Miami.....	86.73	86.09	81.19	41.3	40.8	39.8	2.10	2.11	2.04
Tampa-St. Petersburg.....	96.10	95.03	92.23	42.9	43.0	43.1	2.24	2.21	2.14
GEORGIA.....	81.18	82.19	77.93	41.0	41.3	40.8	1.98	1.99	1.91
Atlanta.....	103.25	107.19	95.98	41.3	42.2	40.5	2.50	2.54	2.37
Savannah.....	101.68	98.66	102.06	41.0	40.6	42.0	2.48	2.43	2.43
HAWAII.....	(1)	88.26	78.74	(1)	39.4	38.6	(1)	2.24	2.04
IDAHO.....	109.30	106.66	109.74	42.2	39.8	42.7	2.59	2.68	2.57
ILLINOIS.....	117.55	117.10	112.94	41.5	41.4	41.0	2.83	2.83	2.75
Chicago.....	119.16	118.75	114.45	41.7	41.6	41.0	2.85	2.85	2.79
Davenport-Rock Island-Moline.....	(1)	125.40	125.98	(1)	40.7	41.2	(1)	3.08	3.06
Peoria.....	(1)	129.24	136.39	(1)	41.5	43.8	(1)	3.11	3.12
Rockford.....	(1)	119.15	111.89	(1)	43.5	42.4	(1)	2.74	2.64
INDIANA.....	123.33	121.95	116.46	42.1	42.0	41.4	2.93	2.90	2.81
Indianapolis.....	(1)	123.32	119.80	(1)	42.7	42.3	(1)	2.89	2.83
IOWA.....	112.90	112.69	109.32	40.6	40.6	40.4	2.78	2.78	2.70
Des Moines.....	124.75	122.35	117.08	39.7	40.0	39.4	3.14	3.06	2.97
Cedar Rapids.....	117.32	116.83	115.35	42.1	41.9	42.3	2.79	2.79	2.73

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		
	June	May	June	June	May	June	June	May	June
	1965	1965	1964	1965	1965	1964	1965	1965	1964
KANSAS.....	\$114.05	\$112.02	\$110.09	42.7	42.1	41.9	\$2.67	\$2.66	\$2.62
Topeka.....	121.54	118.30	118.74	42.6	42.5	42.9	2.86	2.78	2.77
Wichita.....	117.22	112.62	117.04	41.9	40.3	41.6	2.80	2.80	2.81
KENTUCKY.....	103.48	102.00	99.47	40.9	40.8	40.6	2.53	2.50	2.45
Louisville.....	122.37	120.28	116.91	41.8	41.7	41.7	2.93	2.89	2.80
LOUISIANA.....	108.89	105.67	104.42	42.7	42.1	41.6	2.55	2.51	2.51
Baton Rouge.....	131.24	128.96	127.51	41.4	41.2	41.4	3.17	3.13	3.08
New Orleans.....	109.59	109.06	102.66	41.2	41.0	40.1	2.66	2.66	2.56
Shreveport.....	102.19	100.42	101.20	43.3	43.1	42.7	2.36	2.33	2.37
MAINE.....	84.05	84.25	83.01	41.0	40.9	41.3	2.05	2.06	2.01
Lewiston-Auburn.....	71.21	69.92	68.50	38.7	38.0	38.7	1.84	1.84	1.77
Portland.....	88.73	89.79	89.13	40.7	41.0	40.7	2.18	2.19	2.19
MARYLAND.....	107.94	107.79	104.96	41.2	41.3	41.0	2.62	2.61	2.56
Baltimore.....	114.68	113.85	110.97	41.4	41.4	41.1	2.77	2.75	2.70
MASSACHUSETTS.....	98.82	98.82	95.27	40.5	40.5	40.2	2.44	2.44	2.37
Boston.....	105.99	106.39	103.06	40.3	40.3	40.1	2.63	2.64	2.57
Fall River.....	69.78	71.15	66.50	35.6	36.3	35.0	1.96	1.96	1.90
New Bedford.....	81.78	79.18	77.03	39.7	39.2	39.1	2.06	2.02	1.97
Springfield-Chicopee-Holyoke.....	103.57	103.57	100.45	41.1	41.1	41.0	2.52	2.52	2.45
Worcester.....	108.62	108.21	101.75	41.3	41.3	40.7	2.63	2.62	2.50
MICHIGAN.....	143.34	143.76	136.31	44.6	44.8	43.8	3.21	3.21	3.11
Detroit.....	149.92	150.50	142.29	44.7	44.7	43.7	3.35	3.37	3.26
Flint.....	166.46	166.87	156.47	46.6	46.6	44.4	3.57	3.58	3.52
Grand Rapids.....	117.92	117.00	112.24	41.8	41.4	40.3	2.82	2.83	2.79
Lansing.....	136.26	145.97	139.61	41.9	43.9	43.6	3.25	3.33	3.20
Muskegon-Muskegon Heights.....	124.40	124.57	116.88	41.8	41.9	40.5	2.98	2.97	2.89
Saginaw.....	152.56	149.68	144.93	46.4	45.9	46.6	3.29	3.26	3.11
MINNESOTA.....	114.17	111.21	109.15	41.9	40.9	41.2	2.73	2.72	2.65
Duluth-Superior.....	111.56	117.00	108.83	40.1	41.8	40.1	2.78	2.80	2.71
Minneapolis-St. Paul.....	121.17	116.62	115.94	42.0	40.8	41.4	2.88	2.86	2.80
MISSISSIPPI.....	72.85	75.35	71.98	40.7	41.4	40.9	1.79	1.82	1.76
Jackson.....	83.79	84.67	76.01	44.1	44.8	42.7	1.90	1.89	1.78
MISSOURI.....	106.52	105.25	102.29	40.8	40.3	40.4	2.61	2.61	2.53
Kansas City.....	114.29	115.33	116.16	40.8	41.0	42.0	2.80	2.81	2.76
St. Louis.....	118.20	118.07	114.47	40.6	40.6	40.4	2.91	2.91	2.83
MONTANA.....	112.03	112.31	109.21	40.3	40.4	40.3	2.78	2.78	2.71
NEBRASKA.....	103.86	102.40	104.73	44.2	43.2	44.2	2.35	2.37	2.37
Omaha.....	113.47	109.42	113.42	44.2	42.4	43.4	2.57	2.58	2.61
NEVADA.....	129.24	125.51	130.65	40.9	40.1	40.2	3.16	3.13	3.25
NEW HAMPSHIRE.....	85.28	84.46	81.80	41.4	41.0	40.9	2.06	2.06	2.00
Manchester.....	78.21	79.00	76.83	39.3	39.7	39.4	1.99	1.99	1.95
NEW JERSEY.....	113.16	112.61	108.94	41.3	41.1	40.8	2.74	2.74	2.67
Atlantic City.....	83.59	80.60	78.42	38.7	38.2	37.7	2.16	2.11	2.08
Jersey City.....	109.21	108.27	106.52	40.6	40.4	40.5	2.69	2.68	2.63
Newark.....	114.26	113.85	108.94	41.4	41.4	40.8	2.76	2.75	2.67
Paterson-Clifton-Passaic.....	114.68	113.03	108.79	41.7	41.1	40.9	2.75	2.75	2.66
Perth Amboy.....	122.41	120.98	115.23	42.8	42.6	41.3	2.86	2.84	2.79
Trenton.....	110.16	111.79	107.73	40.5	40.8	40.5	2.72	2.74	2.66

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

# ESTABLISHMENT DATA STATE AND AREA HOURS AND EARNINGS

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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		
	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964
NEW MEXICO.....	\$94.89	\$91.87	\$91.48	41.8	39.6	40.3	\$2.27	\$2.32	\$2.27
Albuquerque.....	97.82	95.75	95.59	41.1	40.4	39.5	2.38	2.37	2.42
NEW YORK.....	106.40	105.47	102.96	39.7	39.5	39.6	2.68	2.67	2.60
Albany-Schenectady-Troy.....	116.85	116.44	113.27	41.0	41.0	40.6	2.85	2.84	2.79
Binghamton.....	102.47	100.35	97.53	40.5	40.3	40.3	2.53	2.49	2.42
Buffalo.....	132.18	131.66	126.84	42.5	42.2	42.0	3.11	3.12	3.02
Elmira.....	106.27	106.39	102.91	40.1	40.3	40.2	2.65	2.64	2.56
Nassau and Suffolk Counties <sup>4</sup> .....	107.87	106.80	106.79	40.1	40.3	39.7	2.69	2.65	2.69
New York-Northeastern New Jersey.....	105.20	104.01	101.66	39.4	39.1	39.1	2.67	2.66	2.60
New York SMEA <sup>3</sup> .....	99.56	98.28	97.16	38.0	37.8	38.1	2.62	2.60	2.55
New York City <sup>4</sup> .....	97.76	96.61	95.38	37.6	37.3	37.7	2.60	2.59	2.53
Rochester.....	120.51	120.51	114.54	41.7	41.7	41.5	2.89	2.89	2.76
Syracuse.....	114.67	114.39	110.43	41.1	41.0	40.9	2.79	2.79	2.70
Utica-Rome.....	99.63	100.04	97.77	40.5	40.5	40.4	2.46	2.47	2.42
Westchester County <sup>4</sup> .....	105.73	105.34	102.29	39.6	39.6	39.8	2.67	2.66	2.57
NORTH CAROLINA.....	74.34	73.98	72.10	41.3	41.1	41.2	1.80	1.80	1.75
Charlotte.....	79.95	78.81	76.78	42.3	41.7	41.5	1.89	1.89	1.85
Greensboro-High Point.....	74.37	74.77	72.67	40.2	40.2	40.6	1.85	1.86	1.79
NORTH DAKOTA.....	97.01	96.68	95.36	42.4	42.5	42.8	2.29	2.28	2.23
Fargo-Moorhead.....	105.28	106.27	107.69	40.6	40.6	42.3	2.59	2.62	2.54
OHIO.....	128.36	127.68	121.75	42.6	42.5	41.8	3.01	3.00	2.91
Akron.....	140.12	136.74	132.82	43.0	42.1	41.8	3.26	3.25	3.18
Canton.....	121.25	124.20	117.69	40.2	41.3	40.3	3.02	3.01	2.92
Cincinnati.....	121.53	121.33	115.03	42.9	42.9	42.1	2.83	2.83	2.73
Cleveland.....	133.24	132.88	126.63	43.5	43.3	42.6	3.06	3.07	2.97
Columbus.....	116.86	115.50	112.60	40.9	40.5	40.8	2.86	2.85	2.76
Dayton.....	141.14	141.17	132.07	43.6	43.5	42.8	3.24	3.25	3.09
Toledo.....	132.89	131.30	127.22	42.2	42.0	41.4	3.15	3.13	3.07
Youngstown-Warren.....	139.37	136.98	131.39	42.0	41.5	41.0	3.32	3.30	3.20
OKLAHOMA.....	101.16	100.56	97.58	41.8	41.9	41.7	2.42	2.40	2.34
Oklahoma City.....	96.02	95.37	94.81	42.3	42.2	42.9	2.27	2.26	2.21
Tulsa.....	112.04	109.46	104.49	42.6	42.1	41.3	2.63	2.60	2.53
OREGON.....	117.41	120.29	114.44	39.8	40.5	39.6	2.95	2.97	2.89
Portland.....	116.42	117.32	114.17	39.2	39.5	39.1	2.97	2.97	2.92
PENNSYLVANIA.....	107.16	106.23	102.77	40.9	40.7	40.3	2.62	2.61	2.55
Allentown-Bethlehem-Easton.....	104.54	104.27	99.20	39.6	39.2	38.9	2.64	2.66	2.55
Altoona.....	90.32	90.20	82.11	40.5	41.0	39.1	2.23	2.20	2.10
Erie.....	115.87	115.60	113.16	42.6	42.5	42.7	2.72	2.72	2.65
Harrisburg.....	95.30	92.97	89.02	40.9	39.9	40.1	2.33	2.33	2.22
Johnstown.....	108.87	109.34	102.87	38.2	38.5	38.1	2.85	2.84	2.70
Lancaster.....	95.76	96.70	92.89	41.1	41.5	41.1	2.33	2.33	2.26
Philadelphia.....	112.20	110.97	105.60	40.8	40.5	39.7	2.75	2.74	2.66
Pittsburgh.....	131.04	129.27	127.51	41.6	41.3	41.4	3.15	3.13	3.08
Reading.....	95.82	95.82	91.37	40.6	40.6	39.9	2.36	2.36	2.29
Scranton.....	77.66	75.85	74.28	37.7	37.0	37.9	2.06	2.05	1.96
Wilkes-Barre-Hazleton.....	73.60	72.64	72.18	36.8	36.5	37.4	2.00	1.99	1.93
York.....	91.58	91.37	86.11	42.4	42.3	41.8	2.16	2.16	2.06
RHODE ISLAND.....	88.54	88.32	84.42	40.8	40.7	40.2	2.17	2.17	2.10
Providence-Pawtucket-Warwick.....	89.19	88.73	84.63	41.1	40.7	40.3	2.17	2.18	2.10
SOUTH CAROLINA.....	78.49	77.33	73.16	42.2	41.8	41.1	1.86	1.85	1.78
Charleston.....	83.43	85.28	78.40	41.1	41.0	40.0	2.03	2.08	1.96
Greenville.....	77.29	76.56	72.38	42.7	42.3	41.6	1.81	1.81	1.74
SOUTH DAKOTA.....	103.17	104.44	106.42	44.0	44.0	46.0	2.34	2.37	2.31
Sioux Falls.....	113.76	118.22	120.43	44.6	46.1	48.1	2.55	2.56	2.50

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		
	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964	June 1965	May 1965	June 1964
<b>TENNESSEE</b> .....	\$86.32	\$86.11	\$83.02	41.7	41.4	41.1	\$2.07	\$2.08	\$2.02
Chattanooga.....	93.68	92.13	91.54	42.2	41.5	41.8	2.22	2.22	2.19
Knoxville.....	98.77	97.88	94.24	41.5	41.3	40.1	2.38	2.37	2.35
Memphis.....	95.12	94.35	93.34	41.0	41.2	41.3	2.32	2.29	2.26
Nashville.....	92.57	90.98	89.02	41.7	40.8	41.6	2.22	2.23	2.14
<b>TEXAS</b> .....	103.66	103.99	101.16	41.8	42.1	41.8	2.48	2.47	2.42
Dallas.....	97.90	97.29	90.69	42.2	42.3	41.6	2.32	2.30	2.18
Fort Worth.....	110.72	113.69	106.01	42.1	42.9	41.9	2.63	2.65	2.53
Houston.....	120.98	121.12	121.09	42.6	42.8	43.4	2.84	2.83	2.79
San Antonio.....	77.68	77.33	75.99	41.1	40.7	41.3	1.89	1.90	1.84
<b>UTAH</b> .....	116.76	116.52	115.30	40.4	40.6	40.6	2.89	2.87	2.84
Salt Lake City.....	114.40	111.79	110.43	41.3	40.8	40.9	2.77	2.74	2.70
<b>VERMONT</b> .....	91.38	92.23	87.15	42.5	42.7	41.9	2.15	2.16	2.08
Burlington.....	93.86	97.36	93.60	41.9	42.7	41.6	2.24	2.28	2.25
Springfield.....	102.30	103.09	99.42	42.1	42.6	41.6	2.43	2.42	2.39
<b>VIRGINIA</b> .....	86.72	87.15	84.25	41.1	41.5	41.3	2.11	2.10	2.04
Norfolk-Portsmouth.....	96.32	99.90	93.09	43.0	45.0	43.5	2.24	2.22	2.14
Richmond.....	95.00	93.90	91.17	40.6	40.3	40.7	2.34	2.33	2.24
Roanoke.....	87.23	85.85	82.22	43.4	42.5	42.6	2.01	2.02	1.93
<b>WASHINGTON</b> .....	123.01	121.27	119.30	40.2	39.5	39.9	3.06	3.07	2.99
Seattle-Everett.....	126.23	123.72	120.80	40.2	39.4	40.0	3.14	3.14	3.02
Spokane.....	121.60	121.10	121.20	40.0	40.1	40.4	3.04	3.02	3.00
Tacoma.....	119.29	117.39	117.90	39.5	39.0	39.3	3.02	3.01	3.00
<b>WEST VIRGINIA</b> .....	111.65	110.29	106.53	40.6	40.4	40.2	2.75	2.73	2.65
Charleston.....	130.92	132.92	130.92	41.3	41.8	41.3	3.17	3.18	3.17
Huntington-Ashland.....	121.80	119.30	114.16	40.6	39.9	39.5	3.00	2.99	2.89
Wheeling.....	110.95	111.08	112.74	40.2	40.1	41.6	2.76	2.77	2.71
<b>WISCONSIN</b> .....	114.75	115.20	111.26	41.9	41.9	41.9	2.74	2.75	2.65
Green Bay.....	117.40	116.01	111.49	44.3	43.7	43.7	2.65	2.66	2.55
Kenosha.....	123.70	122.52	121.43	39.8	39.4	40.8	3.11	3.11	2.98
La Crosse.....	99.53	103.01	103.24	38.8	39.7	40.2	2.56	2.59	2.57
Madison.....	119.02	120.34	111.77	41.3	41.4	40.8	2.88	2.90	2.74
Milwaukee.....	125.79	126.29	122.98	41.6	41.7	41.6	3.03	3.03	2.96
Racine.....	121.81	118.28	116.31	41.3	40.4	40.9	2.95	2.93	2.84
<b>WYOMING</b> .....	113.26	111.65	108.20	39.6	38.5	38.1	2.86	2.90	2.84
Casper.....	124.36	123.33	117.69	38.5	38.3	39.1	3.23	3.22	3.01

<sup>1</sup> Not available.

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

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

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

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.



**ESTABLISHMENT DATA  
LABOR TURNOVER**
**Table D-1: Labor turnover rates in manufacturing**
**1955 to date**

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
<b>Total accessions</b>													
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	4.6	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	2.5	3.9
1964.....	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6	4.0
1965.....	3.8	3.5	4.0	3.8	4.1	5.5							
<b>New hires</b>													
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	1.4	2.4
1964.....	2.0	2.0	2.2	2.4	2.6	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965.....	2.4	2.4	2.8	2.6	2.9	4.2							
<b>Total separations</b>													
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	4.8	4.9	4.1	3.9	3.7	3.9
1964.....	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7	3.9
1965.....	3.7	3.1	3.4	3.7	3.6	3.4							
<b>Quits</b>													
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
1964.....	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965.....	1.3	1.3	1.5	1.7	1.7	1.7							
<b>Layoffs</b>													
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	2.3	1.8
1964.....	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1	1.7
1965.....	1.6	1.2	1.2	1.3	1.1	1.0							

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

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

Data for the current month are preliminary.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965
<b>MANUFACTURING</b> .....	5.5	4.1	4.2	2.9	3.4	3.6	1.7	1.7	1.0	1.1
<b>DURABLE GOODS</b> .....	5.2	3.9	4.1	2.8	3.2	3.2	1.5	1.6	.9	.9
<b>NONDURABLE GOODS</b> .....	5.9	4.4	4.4	3.1	3.8	4.0	1.8	1.9	1.2	1.4
<i>Durable Goods</i>										
<b>ORDNANCE AND ACCESSORIES</b> .....	3.5	2.6	2.0	1.5	2.5	2.2	0.9	1.0	1.0	0.7
Ammunition, except for small arms .....	2.5	2.5	1.3	1.4	2.5	2.2	.9	.9	1.1	.7
Sighting and fire control equipment .....	3.7	1.4	1.7	.5	1.9	1.9	1.0	.7	.2	.5
Other ordnance and accessories .....	7.5	3.5	4.8	2.1	2.6	2.5	.9	1.0	1.0	.9
<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> .....	8.5	7.3	6.8	5.7	5.1	5.1	3.3	3.5	1.0	.8
Sawmills and planing mills .....	6.5	5.9	5.7	5.0	4.4	4.5	2.9	3.2	.7	.5
Sawmills and planing mills, general .....	6.7	5.9	5.8	5.0	4.4	4.4	2.9	3.1	.8	.6
Millwork, plywood, and related products .....	8.1	5.9	7.2	5.2	4.9	4.5	3.2	3.0	.7	.6
Millwork .....	7.9	5.8	7.1	5.1	4.2	4.1	2.8	2.7	.7	.6
Veneer and plywood .....	6.5	5.1	5.3	4.7	5.1	4.6	3.4	3.2	.6	.4
Wooden containers .....	7.0	8.0	6.3	6.4	7.3	5.8	3.1	3.4	3.2	1.1
Wooden boxes, shooks, and crates .....	6.7	8.3	6.1	6.7	7.5	5.3	3.0	3.4	3.6	.6
Miscellaneous wood products .....	6.8	5.7	6.0	4.3	5.1	6.1	3.3	3.2	.7	1.9
<b>FURNITURE AND FIXTURES</b> .....	5.8	5.1	4.9	4.4	4.8	4.9	2.7	3.2	1.2	.8
Household furniture .....	5.4	5.2	4.6	4.4	5.0	5.1	2.8	3.5	1.3	.6
Wood house furniture, unupholstered .....	5.6	5.3	5.2	4.7	4.1	5.1	2.8	3.7	.5	.4
Wood house furniture, upholstered .....	3.8	4.0	3.0	3.5	3.2	4.0	2.1	2.6	.5	.8
Mattresses and bedsprings .....	4.9	4.8	4.3	4.2	3.5	4.5	2.0	2.8	.5	.7
Office furniture .....	5.6	3.8	4.7	3.3	3.3	3.0	2.0	1.9	.4	.4
<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	5.7	4.6	4.4	3.3	3.2	3.5	1.5	1.6	.8	1.1
Flat glass .....	(1)	3.7	(1)	.8	(1)	3.8	(1)	.4	(1)	3.0
Glass and glassware, pressed or blown .....	5.7	4.5	3.5	2.9	3.5	3.6	1.5	1.4	.9	1.1
Glass containers .....	6.5	5.7	4.5	3.5	3.9	3.3	2.0	1.7	.9	.4
Pressed and blown glassware, n.e.c. .....	4.7	3.1	2.2	2.0	3.0	3.9	1.0	1.1	.8	1.8
Cement, hydraulic .....	4.0	2.8	3.5	1.5	1.4	1.7	.5	.4	.4	.4
Structural clay products .....	6.6	4.6	5.9	3.6	3.0	3.2	2.2	2.0	.2	.6
Brick and structural clay tile .....	7.5	6.0	6.8	4.8	3.8	3.6	3.0	2.5	.2	.4
Pottery and related products .....	4.2	3.1	3.6	2.4	4.7	3.3	1.7	1.6	2.5	1.0
Abrasive products .....	3.5	1.9	3.4	1.7	1.3	1.2	.7	.7	.1	.1
<b>PRIMARY METAL INDUSTRIES</b> .....	4.3	2.8	3.6	2.0	2.0	2.3	1.0	1.1	.3	.4
Blast furnace and basic steel products .....	4.2	2.3	3.5	1.6	1.6	1.8	.6	.7	.2	.3
Blast furnaces, steel and rolling mills .....	4.3	2.2	3.6	1.5	1.6	1.7	.6	.7	.2	.3
Iron and steel foundries .....	4.7	4.1	4.0	3.3	3.2	3.4	1.8	1.9	.5	.3
Gray iron foundries .....	4.9	4.4	4.2	3.6	3.6	3.6	2.1	2.1	.7	.3
Malleable iron foundries .....	4.5	4.4	4.0	3.4	3.1	4.4	1.8	2.2	.2	.5
Steel foundries .....	4.3	3.2	3.7	2.7	2.4	2.6	1.4	1.3	.3	.4
Nonferrous smelting and refining .....	3.9	2.4	3.4	1.8	1.7	1.7	.9	.9	.2	.2
Nonferrous rolling, drawing, and extruding .....	3.5	2.6	3.0	1.6	1.6	2.0	.8	.8	.3	.7
Copper rolling, drawing, and extruding .....	3.4	1.7	2.8	1.1	1.2	1.4	.5	.6	.1	.3
Aluminum rolling, drawing, and extruding .....	3.0	2.5	2.4	1.7	1.4	1.6	.6	.7	.4	.3
Nonferrous wire drawing, and insulating .....	4.0	3.5	3.4	1.9	2.1	3.2	1.1	1.1	.3	1.6
Nonferrous foundries .....	5.9	4.4	4.4	3.5	3.3	4.5	1.7	2.4	.3	1.2
Aluminum castings .....	5.9	4.5	4.2	3.5	3.6	4.7	1.9	2.4	.5	1.1
Other nonferrous castings .....	5.8	4.3	4.6	3.5	3.0	4.3	1.5	2.4	.2	1.2
Miscellaneous primary metal industries .....	3.8	2.3	3.4	1.6	1.9	2.1	1.1	1.0	.2	.4
Iron and steel forgings .....	3.5	1.8	3.1	1.4	1.8	1.6	1.0	.8	.3	.2

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

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

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965
<i>Durable Goods--Continued</i>										
<b>FABRICATED METAL PRODUCTS</b>	5.7	4.3	4.6	3.3	3.6	3.8	1.8	1.7	1.0	1.2
Metal cans	6.7	3.9	3.1	1.8	5.1	6.0	.7	.9	3.4	4.0
Cutlery, hand tools, and general hardware	4.5	3.3	3.5	2.3	3.1	3.3	1.4	1.5	1.1	1.0
Cutlery and hand tools, including saws	3.9	3.1	3.5	2.4	2.3	2.6	1.2	1.4	.5	.7
Hardware, n.e.c.	4.8	3.4	3.4	2.2	3.6	3.7	1.5	1.5	1.4	1.1
Heating equipment and plumbing fixtures	4.7	3.8	3.5	2.8	3.3	3.3	1.6	1.5	.9	1.0
Sanitary ware and plumbers' brass goods	4.4	3.5	3.4	2.5	3.7	3.2	1.7	1.5	.9	.9
Heating equipment, except electric	4.9	4.0	3.6	3.0	3.1	3.3	1.4	1.5	.9	1.1
Fabricated structural metal products	7.3	5.4	6.2	4.4	3.5	4.1	1.8	2.0	.8	1.2
Fabricated structural steel	7.4	5.5	6.3	4.2	3.5	4.9	1.8	1.9	.9	1.8
Fabricated plate work (boiler shops)	5.3	4.0	4.4	3.3	2.8	3.1	1.4	1.6	.5	.7
Architectural and miscellaneous metal work	7.3	4.8	6.4	4.3	3.8	3.6	2.0	1.9	.9	1.1
Screw machine products, bolts, etc.	4.9	3.4	4.3	3.1	2.8	3.0	1.9	1.9	.2	.4
Bolts, nuts, screws, rivets, and washers	3.6	2.6	3.2	2.3	2.0	2.1	1.2	1.3	.2	.2
Metal stampings	4.9	3.5	3.9	2.3	4.1	3.4	1.8	1.3	1.6	1.2
Miscellaneous fabricated wire products	5.4	4.1	4.8	3.7	3.5	3.9	2.1	2.3	.6	.5
Miscellaneous fabricated metal products	4.2	3.8	3.4	2.9	2.8	3.1	1.5	1.6	.6	.7
Valves, pipe, and pipe fittings	4.3	3.7	3.7	3.0	2.5	2.9	1.5	1.6	.2	.5
<b>MACHINERY</b>	4.6	3.0	3.9	2.3	2.6	2.5	1.3	1.2	.6	.5
Engines and turbines	4.5	4.3	2.6	1.6	3.3	3.5	.7	.9	1.8	1.2
Steam engines and turbines	2.4	2.3	1.6	1.3	1.7	1.7	.4	.4	.2	.3
Internal combustion engines, n.e.c.	5.7	5.5	3.3	1.8	4.3	4.6	.8	1.2	2.8	1.7
Farm machinery and equipment	5.2	3.1	3.8	2.2	4.3	3.4	1.7	1.6	2.0	1.1
Construction and related machinery	4.3	3.0	3.7	2.3	2.1	2.3	1.3	1.3	.2	.3
Construction and mining machinery	3.9	2.4	3.3	2.1	2.0	2.1	1.1	1.2	.2	.3
Oil field machinery, and equipment	3.8	2.4	3.4	2.2	1.9	2.2	1.3	1.3	.1	.4
Conveyors, hoists, and industrial cranes	5.8	3.3	5.2	3.0	2.3	3.0	1.5	1.5	.1	.5
Metalworking machinery and equipment	3.9	2.5	3.5	2.0	2.3	2.3	1.2	1.2	.5	.5
Machine tools, metal cutting types	3.9	2.1	3.5	1.9	1.7	1.7	1.0	1.1	.1	.2
Machine tool accessories	4.2	2.1	3.8	2.0	1.8	1.7	1.1	1.0	.1	.2
Miscellaneous metalworking machinery	4.0	2.2	3.5	1.7	1.7	1.9	.9	1.1	.2	.3
Special industry machinery	3.8	2.5	3.4	2.3	2.2	2.0	1.3	1.2	.3	.3
Food products machinery	3.5	2.7	3.0	2.4	2.4	2.4	1.2	1.3	.7	.5
Textile machinery	4.1	2.5	3.6	2.2	2.2	2.3	1.4	1.4	.1	.2
General industrial machinery	4.4	2.6	3.9	2.2	2.0	2.0	1.2	1.2	.2	.3
Pumps; air and gas compressors	4.4	2.3	3.8	2.0	2.1	2.0	1.5	1.3	.1	.1
Ball and roller bearings	3.3	2.5	2.8	1.7	1.4	1.7	.9	.8	.1	.5
Mechanical power transmission goods	4.9	2.3	4.1	2.0	1.9	1.7	1.0	1.0	.1	.1
Office, computing, and accounting machines	4.7	3.1	3.9	2.1	2.0	2.1	.9	1.0	.2	.4
Computing machines and cash registers	5.0	3.3	4.2	2.1	1.9	2.1	.8	.9	.1	.4
Service industry machines	6.2	3.8	5.4	3.2	4.1	2.9	1.9	1.6	1.1	.5
Refrigeration, except home refrigerators	6.5	3.7	5.4	2.8	4.7	2.9	1.9	1.6	1.7	.6
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	4.5	3.4	3.4	2.4	2.9	2.9	1.4	1.4	.7	.7
Electric distribution equipment	4.1	2.8	3.3	2.1	2.1	2.3	1.2	1.0	.3	.4
Electric measuring instruments	4.1	3.1	3.1	2.1	2.4	3.2	1.5	1.2	.4	.7
Power and distribution transformers	4.3	3.1	3.2	2.6	2.4	2.0	1.0	1.0	.8	.4
Switchgear and switchboard apparatus	4.0	2.3	3.5	1.8	1.7	1.7	1.0	.9	(2)	.2
Electrical industrial apparatus	4.3	3.0	3.4	2.2	2.4	2.3	1.4	1.2	.3	.5
Motors and generators	3.9	3.0	3.1	2.1	2.2	2.4	1.3	1.2	.3	.6
Industrial controls	4.6	2.8	3.6	2.2	2.6	1.9	1.5	1.1	.3	.3
Household appliances	4.5	3.0	3.0	2.0	3.8	2.9	1.5	1.4	1.0	.7
Household refrigerators and freezers	6.6	2.5	3.5	1.3	6.1	2.6	2.0	1.3	1.5	.4
Household laundry equipment	3.3	2.6	1.7	1.8	2.1	1.9	.8	1.0	.9	.6
Electric housewares and fans	4.5	4.7	3.6	3.6	3.6	4.1	2.0	2.2	.7	.9
Electric lighting and wiring equipment	4.6	3.5	3.8	2.8	2.7	3.0	1.5	1.5	.5	.8
Electric lamps	2.7	2.1	2.2	1.6	1.7	1.5	.8	.8	.2	.2
Lighting fixtures	5.6	4.0	4.9	3.0	3.6	3.9	1.9	1.5	1.0	1.7
Wiring devices	4.7	3.7	3.7	3.2	2.4	3.0	1.6	1.9	.2	.3
Radio and TV receiving sets	6.8	5.6	5.1	4.0	4.2	4.1	1.6	2.1	1.3	.8
Communication equipment	3.4	2.4	2.4	1.6	2.3	2.4	1.0	1.0	.7	.8
Telephone and telegraph apparatus	(1)	1.5	(1)	1.3	(1)	1.3	(1)	.8	(1)	.1
Radio and TV communication equipment	4.1	2.8	2.8	1.7	2.5	2.8	1.1	1.1	.7	1.0
Electronic components and accessories	5.9	4.8	4.5	3.6	3.4	3.9	1.9	1.9	.7	1.0
Electron tubes	3.8	3.2	2.6	2.1	2.5	2.5	1.2	1.1	.6	.5
Electronic components, n.e.c.	6.5	5.3	5.1	4.0	3.7	4.3	2.1	2.1	.7	1.2
Miscellaneous electrical equipment and supplies	3.2	2.8	2.1	1.8	2.8	2.2	1.1	1.0	1.2	.6
Electrical equipment for engines	2.2	2.2	1.3	1.4	2.7	2.1	.9	.8	1.4	.6

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

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965
<i>Durable Goods--Continued</i>										
<b>TRANSPORTATION EQUIPMENT</b> . . . . .	5.2	4.0	3.7	2.6	3.4	3.2	1.2	1.2	1.4	1.3
Motor vehicles and equipment . . . . .	(1)	3.8	(1)	2.4	(1)	2.7	(1)	.9	(1)	1.1
Motor vehicles . . . . .	(1)	3.5	(1)	2.5	(1)	2.6	(1)	.9	(1)	1.0
Passenger car bodies . . . . .	(1)	5.1	(1)	2.1	(1)	4.0	(1)	.4	(1)	3.0
Truck and bus bodies . . . . .	(1)	6.5	(1)	5.9	(1)	4.0	(1)	2.4	(1)	.7
Motor vehicle parts and accessories . . . . .	(1)	3.3	(1)	1.9	(1)	2.2	(1)	.7	(1)	.8
Aircraft and parts . . . . .	3.8	2.7	3.0	2.0	2.3	2.1	1.2	1.0	.6	.6
Aircraft . . . . .	3.5	2.7	2.4	2.0	1.8	1.6	.9	.8	.5	.4
Aircraft engines and engine parts . . . . .	3.8	2.1	3.3	1.4	2.1	2.5	1.2	.9	.4	.9
Other aircraft parts and equipment . . . . .	5.1	3.6	4.1	2.9	4.5	2.9	2.0	1.5	1.5	.8
Ship and boat building and repairing . . . . .	9.5	8.2	5.9	4.5	7.1	9.0	2.5	2.7	3.7	5.4
Ship building and repairing . . . . .	9.9	8.6	5.8	4.2	6.8	9.0	2.1	2.2	3.9	5.9
Railroad equipment . . . . .	5.1	4.5	3.4	2.4	4.4	3.8	.9	1.3	2.4	1.6
Other transportation equipment . . . . .	9.3	8.9	7.1	7.9	5.4	7.3	3.1	4.8	1.0	.8
<b>INSTRUMENTS AND RELATED PRODUCTS</b> . . . . .	4.0	2.9	3.4	2.2	2.3	2.4	1.3	1.2	.5	.5
Engineering and scientific instruments . . . . .	3.5	2.0	3.0	1.5	2.3	1.9	1.4	1.2	.5	.3
Mechanical measuring and control devices . . . . .	4.9	3.0	4.0	1.9	2.3	2.9	1.3	1.1	.4	.8
Mechanical measuring devices . . . . .	4.3	2.5	3.7	2.1	2.0	2.1	1.2	1.2	.3	.4
Automatic temperature controls . . . . .	5.7	3.8	4.3	1.7	2.8	4.3	1.4	1.1	.6	1.3
Optical and ophthalmic goods . . . . .	3.9	2.9	3.1	2.3	3.1	3.0	1.6	1.7	1.0	.5
Surgical, medical, and dental equipment . . . . .	4.2	2.6	3.6	2.2	2.5	2.5	1.3	1.3	.6	.6
Photographic equipment and supplies . . . . .	(1)	2.8	(1)	2.7	(1)	1.4	(1)	.9	(1)	.1
Watches and clocks . . . . .	5.6	5.6	4.5	3.5	3.4	3.3	2.0	1.8	.2	.5
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> . . . . .	6.5	5.7	4.8	4.0	4.9	5.2	2.2	2.5	1.8	1.7
Jewelry, silverware, and plated ware . . . . .	3.6	3.5	3.1	2.9	3.2	3.6	1.7	2.0	.8	.9
Toys, amusement, and sporting goods . . . . .	11.0	9.5	7.7	5.8	7.3	8.0	3.0	3.6	3.0	3.0
Toys, games, dolls, and play vehicles . . . . .	13.2	11.1	8.8	5.8	7.6	9.2	3.2	3.6	2.9	3.9
Sporting and athletic goods, n.e.c. . . . .	6.8	6.7	5.8	5.8	6.7	5.9	2.7	3.6	3.0	1.3
Pens, pencils, office and art materials . . . . .	4.4	3.6	3.7	2.6	3.0	2.8	1.9	1.4	.4	.6
Costume jewelry, buttons, and notions . . . . .	6.3	5.4	4.7	4.0	5.0	5.3	2.5	3.0	1.7	1.4
Other manufacturing industries . . . . .	4.7	4.2	3.5	3.4	3.9	4.2	1.6	2.0	1.6	1.4
<i>Nondurable Goods</i>										
<b>FOOD AND KINDRED PRODUCTS</b> . . . . .	8.4	6.1	6.0	4.0	4.5	4.9	2.0	2.0	1.8	2.2
Meat products . . . . .	6.8	6.5	4.4	3.4	4.6	5.6	2.1	2.1	1.7	2.8
Meat packing . . . . .	5.3	5.7	2.4	1.7	3.6	5.3	1.0	.9	2.0	4.0
Poultry dressing and packing . . . . .	12.8	10.5	10.8	8.8	9.0	8.1	6.3	6.7	1.4	.4
Grain mill products . . . . .	5.2	3.1	4.1	2.4	3.0	3.1	1.2	1.3	1.2	1.3
Flour and other grain mill products . . . . .	4.8	2.6	3.7	1.6	2.5	3.1	1.1	.9	.9	1.8
Prepared feeds for animals and fowls . . . . .	4.8	4.2	4.0	3.6	3.2	3.3	1.5	1.8	1.1	1.0
Bakery products . . . . .	4.6	4.5	3.6	3.8	3.2	3.6	1.8	2.1	.8	.7
Bread, cake, and perishable products . . . . .	4.2	4.5	3.8	3.9	2.9	3.3	1.8	2.2	.5	.5
Biscuit, crackers, and pretzels . . . . .	6.7	5.0	3.0	2.7	5.2	5.3	1.3	1.5	2.4	2.3
Confectionery and related products . . . . .	6.3	4.7	3.5	2.8	5.0	5.5	2.2	2.3	2.2	2.6
Candy and other confectionery products . . . . .	6.8	5.2	3.7	3.2	5.9	6.3	2.5	2.6	2.7	3.0
Beverages . . . . .	7.1	7.0	5.5	5.0	3.5	4.5	1.7	2.0	1.1	1.6
Malt liquors . . . . .	5.4	5.3	2.7	2.1	3.3	3.5	.4	.5	2.3	2.5
<b>TOBACCO MANUFACTURES</b> . . . . .	4.3	3.4	2.1	1.5	2.4	4.0	.9	1.2	1.1	2.4
Cigarettes . . . . .	3.4	1.0	1.6	.6	.8	.9	.3	.3	.1	.2
Cigars . . . . .	4.8	4.0	1.9	2.2	3.6	7.7	1.9	2.7	1.3	4.7

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

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965
<i>Nondurable Goods--Continued</i>										
<b>TEXTILE MILL PRODUCTS</b> . . . . .	4.8	4.4	4.0	3.4	3.6	3.9	2.3	2.6	0.5	0.6
Cotton broad woven fabrics . . . . .	4.1	3.9	3.1	3.0	3.1	3.5	2.2	2.7	.2	.2
Silk and synthetic broad woven fabrics . . . . .	4.6	3.6	3.8	3.0	3.3	3.3	2.2	2.1	.5	.5
Weaving and finishing broad woolsens . . . . .	5.2	5.0	4.2	3.8	3.8	4.0	2.3	2.5	.6	.7
Narrow fabrics and smallwares . . . . .	4.3	4.5	3.8	3.7	3.0	4.0	1.9	2.5	.6	.7
Knitting . . . . .	5.9	5.1	4.9	4.1	4.1	4.2	2.5	2.6	.8	.9
Full-fashioned hosiery . . . . .	6.4	5.0	4.8	4.0	4.5	4.4	3.0	3.2	1.2	.9
Seamless hosiery . . . . .	4.0	3.5	3.4	2.7	2.9	3.3	2.2	2.4	.3	.5
Knit underwear . . . . .	4.4	3.8	3.7	2.9	2.6	3.0	1.8	2.2	.2	.3
Finishing textiles, except wool and knit . . . . .	3.9	2.9	3.0	2.3	2.7	3.2	1.7	2.0	.4	.6
Floor covering . . . . .	2.9	3.3	2.5	2.1	3.0	3.9	1.4	2.4	.9	.8
Yarn and thread . . . . .	5.6	5.5	4.7	4.7	4.6	5.2	3.2	3.7	.6	.5
Miscellaneous textile goods . . . . .	5.2	4.3	4.4	3.1	3.2	3.7	2.0	2.2	.4	.8
<b>APPAREL AND RELATED PRODUCTS</b> . . . . .	6.9	5.9	4.3	3.7	5.2	5.9	2.3	2.5	2.1	2.5
Men's and boys' suits and coats . . . . .	4.2	4.3	2.5	2.7	2.3	2.9	1.3	1.7	.5	.7
Men's and boys' furnishings . . . . .	5.8	5.9	4.8	4.6	4.3	4.7	3.0	3.3	.6	.7
Men's and boys' shirts and nightwear . . . . .	5.9	5.7	4.8	4.1	3.8	4.5	2.8	3.2	.4	.6
Men's and boys' separate trousers . . . . .	5.1	5.8	4.4	5.0	4.2	4.8	3.2	3.6	.3	.4
Work clothing: . . . . .	5.9	5.8	4.9	4.9	4.9	4.7	3.5	3.7	1.0	.4
Women's and children's undergarments . . . . .	5.7	4.3	4.3	3.1	5.2	5.0	2.8	2.8	1.7	1.6
Women's and children's underwear . . . . .	5.8	4.8	4.3	3.4	5.2	5.6	2.9	3.0	1.5	1.9
Corsets and allied garments . . . . .	5.5	3.4	4.3	2.8	5.2	3.9	2.6	2.3	1.9	1.0
<b>PAPER AND ALLIED PRODUCTS</b> . . . . .	5.2	3.0	4.2	2.3	2.7	2.7	1.4	1.4	.6	.6
Paper and pulp . . . . .	4.7	2.1	3.7	1.5	1.5	1.3	.7	.6	.3	.3
Paperboard . . . . .	4.0	1.9	3.4	1.4	1.6	1.7	.9	.8	.3	.5
Converted paper and paperboard products . . . . .	5.6	3.4	4.6	2.8	3.8	3.4	2.0	1.9	.9	.8
Bags, except textile bags . . . . .	5.7	3.6	3.9	2.6	5.5	5.0	2.7	2.4	1.7	1.5
Paperboard containers and boxes . . . . .	5.7	4.0	4.6	3.0	3.5	3.8	1.9	2.0	.7	1.0
Folding and setup paperboard boxes . . . . .	5.7	4.2	4.6	3.2	4.0	4.0	2.3	2.1	.9	1.2
Corrugated and solid fiber boxes . . . . .	5.7	3.4	4.9	2.7	3.1	3.6	1.8	2.0	.4	.6
<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b> . . . . .	4.3	2.9	3.3	2.2	2.9	2.7	1.6	1.5	.7	.8
<b>CHEMICALS AND ALLIED PRODUCTS</b> . . . . .	3.9	2.4	3.3	1.8	2.3	2.5	.9	.9	.9	1.1
Industrial chemicals . . . . .	3.1	1.3	2.7	1.0	1.1	1.2	.6	.5	.2	.3
Plastics and synthetics, except glass . . . . .	3.9	2.5	3.5	1.8	1.4	1.4	.8	.7	.1	.3
Plastics and synthetics, except fibers . . . . .	4.5	2.9	4.1	1.9	1.6	1.5	.9	.8	.2	.2
Synthetic fibers . . . . .	3.3	2.3	3.0	1.8	1.2	1.3	.8	.6	(2)	.3
Drugs . . . . .	4.1	1.9	3.7	1.7	1.7	1.3	1.0	.9	.3	.2
Pharmaceutical preparations . . . . .	4.3	2.1	3.7	1.8	1.9	1.5	1.2	1.0	.4	.2
Soap, cleaners, and toilet goods . . . . .	4.8	3.5	3.9	2.3	2.9	3.0	1.4	1.2	.8	1.1
Soap and detergents . . . . .	3.6	2.9	2.5	1.2	1.7	2.4	.7	.7	.6	1.3
Toilet preparations . . . . .	6.4	4.8	5.2	3.2	4.2	3.8	2.0	1.7	1.0	1.0
Paints, varnishes, and allied products . . . . .	5.1	2.3	4.5	2.1	2.0	1.9	1.3	1.1	.1	.3
Other chemical products . . . . .	4.1	2.5	3.2	1.6	2.5	2.2	1.1	1.0	.9	.8
<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b> . . . . .	3.4	1.9	3.0	1.5	1.5	1.3	.5	.6	.6	.3
Petroleum refining . . . . .	2.8	1.0	2.5	.8	1.3	1.1	.4	.4	.6	.3
Other petroleum and coal products . . . . .	6.0	5.3	5.1	4.1	2.4	2.4	1.3	1.2	.5	.5
<b>RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS</b> . . . . .	5.9	4.1	4.6	2.9	3.9	3.9	1.9	2.0	1.1	1.1
Tires and inner tubes . . . . .	3.7	1.7	2.8	1.0	1.4	1.3	.6	.4	.2	.5
Other rubber products . . . . .	4.9	3.3	3.5	2.2	3.3	3.2	1.7	1.7	.8	.7
Miscellaneous plastic products . . . . .	7.9	6.1	6.5	4.7	5.6	6.1	2.7	3.3	1.8	1.8

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	
	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965
<i>Nondurable Goods--Continued</i>										
<b>LEATHER AND LEATHER PRODUCTS</b> .....	6.0	5.4	4.6	3.8	4.2	4.8	2.6	2.9	0.8	1.2
Leather tanning and finishing .....	4.9	4.2	3.9	3.0	3.3	3.7	1.6	1.9	1.0	1.2
Footwear, except rubber .....	5.4	5.2	4.3	3.8	3.9	4.6	2.6	3.0	.6	.8
<b>NONMANUFACTURING</b>										
<b>METAL MINING</b> .....	5.0	3.3	4.3	2.3	2.1	2.3	1.1	1.5	.4	.1
Iron ores .....	4.7	4.1	4.2	2.6	1.9	1.3	.6	.7	.9	.1
Copper ores .....	4.1	2.1	3.0	1.2	1.3	1.7	.7	.9	.1	.1
<b>COAL MINING</b> .....	2.2	1.9	1.1	.8	1.3	2.3	.5	.6	.4	1.4
Bituminous .....	2.0	1.4	1.2	.8	1.3	2.3	.5	.6	.3	1.4
<b>COMMUNICATION:</b>										
Telephone communication .....	(1)	1.8	-	-	(1)	1.4	(1)	1.0	(1)	.1
Telegraph communication <sup>3</sup> .....	(1)	1.7	-	-	(1)	1.9	(1)	.8	(1)	.6

<sup>1</sup>Not available.

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

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

NOTE: Data for the current month are preliminary.

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

April 1965

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	3.3	1.5	4.5	4.7	1.9
<b>DURABLE GOODS</b> .....	3.6	3.2	1.5	4.2	3.6	1.6
Ordnance and accessories .....	2.1	2.3	.9	2.6	2.9	1.1
Lumber and wood products, except furniture .....	6.4	5.7	3.5	4.7	3.2	1.6
Furniture and fixtures .....	4.8	5.3	3.3	4.4	4.2	2.4
Stone, clay, and glass products .....	5.0	3.2	1.4	4.1	3.6	1.4
Primary metal industries .....	2.6	2.1	1.0	3.0	2.4	1.2
Fabricated metal products .....	4.2	3.8	1.8	4.4	3.6	1.7
Machinery .....	2.7	2.5	1.2	3.2	2.7	1.4
Electrical equipment and supplies .....	2.6	2.5	1.1	4.5	3.9	1.7
Transportation equipment .....	3.9	3.4	1.2	2.5	2.4	1.0
Instruments and related products .....	2.3	2.1	1.1	3.6	3.6	1.6
Miscellaneous manufacturing industries .....	4.7	4.5	2.5	7.3	5.7	2.3
<b>NONDURABLE GOODS</b> .....	3.5	3.5	1.6	4.6	5.5	2.1
Food and kindred products .....	4.3	4.1	1.7	7.1	7.1	2.0
Tobacco manufactures .....	1.9	3.7	1.1	1.9	6.5	1.5
Textile mill products .....	4.2	4.1	2.7	4.2	3.7	2.2
Apparel and related products .....	5.5	7.7	2.6	4.7	6.7	2.4
Paper and allied products .....	2.5	2.5	1.3	3.9	3.7	1.5
Printing, publishing, and allied industries .....	2.6	2.5	1.3	3.5	3.5	1.8
Chemicals and allied products .....	2.4	1.9	.8	2.9	2.8	1.3
Petroleum refining and related industries .....	1.8	1.5	.5	1.8	2.1	1.5
Rubber and miscellaneous plastic products .....	3.2	3.2	1.7	4.9	5.7	2.4
Leather and leather products .....	4.7	5.8	3.1	4.5	5.4	2.3

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

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

**Table D-4: Labor turnover rates in manufacturing, 1955 to date**  
**seasonally adjusted**

(Per 100 employees)												
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total accessions</b>												
1955.....	4.1	4.3	4.7	4.5	4.6	4.3	4.2	4.6	4.5	4.6	4.7	4.3
1956.....	4.2	4.2	4.0	4.3	4.2	4.0	4.0	3.9	4.2	4.8	4.3	4.0
1957.....	4.0	3.9	3.7	3.7	3.6	3.8	3.9	3.3	3.3	3.3	3.1	3.0
1958.....	3.1	3.1	3.2	3.3	3.5	3.7	3.9	3.9	4.0	3.9	3.9	4.2
1959 <sup>1</sup> .....	4.0	4.3	4.6	4.3	4.1	4.2	4.1	4.1	4.0	3.8	4.2	5.6
1960.....	4.2	4.1	3.7	3.6	3.8	3.7	3.6	3.9	3.8	3.5	3.7	3.6
1961.....	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.2	3.7	4.3	4.3	4.1
1962.....	4.3	4.2	4.1	4.1	4.2	4.0	4.2	4.0	3.9	3.9	3.8	3.8
1963.....	3.8	3.8	3.8	4.0	3.9	3.9	3.9	3.8	3.8	3.9	3.7	4.0
1964.....	3.8	4.0	4.0	3.9	3.8	4.1	4.0	4.0	3.8	4.0	4.1	4.1
1965.....	4.0	4.1	4.3	3.9	4.0	4.4						
<b>New hires</b>												
1955.....	2.4	2.6	3.0	2.9	3.0	2.9	2.9	3.2	3.1	3.1	3.5	3.2
1956.....	3.0	3.0	2.6	2.8	2.8	2.7	2.5	2.6	2.6	2.9	2.8	2.9
1957.....	2.8	2.5	2.4	2.4	2.3	2.4	2.4	2.1	1.9	1.9	1.6	1.3
1958.....	1.4	1.4	1.3	1.5	1.5	1.6	1.8	1.8	2.0	2.0	2.1	2.2
1959.....	2.4	2.6	2.9	2.8	2.7	2.6	2.6	2.6	2.7	2.4	2.4	2.7
1960.....	2.6	2.8	2.4	2.2	2.3	2.2	2.1	2.2	2.1	1.9	1.9	1.8
1961.....	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.5	2.6	2.5
1962.....	2.7	2.7	2.6	2.6	2.7	2.5	2.5	2.4	2.4	2.3	2.3	2.2
1963.....	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.6
1964.....	2.4	2.6	2.6	2.6	2.5	2.6	2.5	2.5	2.7	2.6	2.8	2.9
1965.....	2.9	3.1	3.3	2.8	2.8	3.0						
<b>Total separations</b>												
1955.....	3.5	3.3	3.6	3.7	3.9	4.1	4.2	4.2	4.3	4.0	3.8	3.9
1956.....	4.2	4.9	4.2	4.0	4.5	4.4	3.9	4.2	4.3	4.0	4.0	3.7
1957.....	3.9	4.0	4.0	3.9	4.1	3.9	3.8	4.3	4.3	4.5	4.8	4.9
1958.....	5.4	4.8	4.9	4.6	4.2	3.8	3.8	3.7	3.6	3.8	3.6	3.7
1959 <sup>1</sup> .....	3.7	3.6	3.6	3.8	3.8	3.9	4.0	4.2	4.2	5.0	4.6	4.1
1960.....	3.5	4.1	4.4	4.4	4.3	4.4	4.4	4.3	4.3	4.3	4.4	5.0
1961.....	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.8	4.1	3.9	3.9	4.1
1962.....	3.8	4.0	4.0	3.9	4.2	4.2	4.3	4.6	4.0	4.1	3.9	3.9
1963.....	3.9	3.8	3.9	3.9	4.0	3.8	3.9	4.3	3.9	3.8	3.9	3.8
1964.....	3.9	3.9	3.9	3.8	3.9	3.9	4.2	3.8	4.1	3.9	3.6	3.8
1965.....	3.6	3.6	3.8	4.1	3.9	3.8						
<b>Quits</b>												
1955.....	1.5	1.6	1.7	1.8	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	2.0	1.9	1.9	1.9	1.9
1957.....	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.7	1.6	1.4	1.3	1.2
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	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1961.....	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962.....	1.4	1.5	1.5	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963.....	1.4	1.3	1.5	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964.....	1.5	1.5	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965.....	1.6	1.7	1.8	1.9	1.7	1.7						
<b>Layoffs</b>												
1955.....	1.5	1.4	1.5	1.4	1.4	1.7	1.9	1.6	1.4	1.5	1.3	1.4
1956.....	1.6	2.3	1.8	1.6	2.1	1.9	1.7	1.5	1.8	1.5	1.6	1.5
1957.....	1.5	1.7	1.6	1.7	2.0	1.7	1.8	2.1	2.3	2.7	3.0	2.7
1958.....	3.4	3.3	3.4	3.3	3.0	2.4	2.5	2.3	2.1	2.1	1.9	1.9
1959.....	1.8	1.7	1.7	1.7	1.6	1.7	1.9	2.0	2.0	2.9	2.5	1.9
1960.....	1.5	1.9	2.3	2.3	2.3	2.5	2.4	2.6	2.5	2.6	2.7	2.8
1961.....	2.7	3.0	2.4	2.1	2.2	2.3	2.2	1.9	2.2	1.9	1.9	2.0
1962.....	1.8	1.9	1.7	1.8	2.0	2.0	2.1	2.3	1.9	2.1	2.0	1.9
1963.....	1.9	1.8	1.8	1.9	1.9	1.8	1.9	2.0	1.9	1.8	1.8	1.7
1964.....	1.7	1.8	1.8	1.7	1.7	1.6	2.0	1.4	1.5	1.7	1.5	1.6
1965.....	1.4	1.3	1.3	1.5	1.4	1.3						

<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**

State and area	(Per 100 employees)				Accession rates		Separation rates			
	Total		New hires		Total		Quits		Layoffs	
	May 1965	Apr. 1965	May 1965	Apr. 1965	May 1965	Apr. 1965	May 1965	Apr. 1965	May 1965	Apr. 1965
ALABAMA <sup>1</sup> .....	4.3	3.9	3.3	2.8	3.1	3.0	1.8	1.6	0.8	0.9
Birmingham.....	2.9	2.6	2.2	1.9	2.0	2.2	1.0	.8	.4	.8
Mobile <sup>1</sup> .....	6.8	6.7	3.8	4.2	4.1	5.0	1.6	1.9	2.0	2.5
ALASKA.....	43.6	23.4	34.3	17.7	13.4	18.3	6.4	7.2	5.4	9.5
ARIZONA.....	5.2	4.5	4.1	3.3	4.2	4.2	2.1	1.7	1.2	1.6
Phoenix.....	5.2	4.4	4.1	3.1	4.1	3.8	2.0	1.7	1.2	1.3
ARKANSAS.....	6.3	6.4	5.1	4.7	5.6	4.8	3.0	3.0	1.4	.9
Fort Smith.....	6.5	8.1	5.1	6.7	6.9	6.7	4.4	4.7	1.8	1.0
Little Rock-North Little Rock.....	5.3	6.0	4.7	4.9	4.9	4.6	3.3	2.9	1.1	.7
Pine Bluff.....	4.7	4.0	3.6	3.0	3.9	3.3	2.6	2.3	.5	.5
CALIFORNIA <sup>1</sup> .....	4.4	4.5	3.3	3.3	4.3	4.4	1.7	1.8	1.7	1.7
Anaheim-Santa Ana-Garden Grove <sup>1</sup> .....	3.6	4.0	2.8	2.8	3.6	3.4	1.7	1.7	1.1	.9
Los Angeles-Long Beach <sup>1</sup> .....	4.5	4.6	3.5	3.5	4.5	4.5	1.8	1.9	1.7	1.7
Sacramento <sup>1</sup> .....	3.4	2.0	2.0	1.2	5.7	4.3	1.5	1.2	3.8	2.7
San Bernardino-Riverside-Ontario <sup>1</sup> .....	3.9	4.6	3.0	3.2	3.2	3.3	1.4	1.4	1.0	1.2
San Diego <sup>1</sup> .....	3.9	2.9	2.8	2.4	2.5	3.3	1.0	1.2	.9	1.7
San Francisco-Oakland <sup>1</sup> .....	4.7	5.0	3.0	3.0	4.5	5.2	1.4	1.4	2.3	3.0
San Jose <sup>1</sup> .....	3.0	3.2	2.3	2.4	2.3	2.6	1.2	1.3	.5	.7
Stockton <sup>1</sup> .....	4.1	4.1	3.7	3.0	4.4	3.4	1.8	1.9	1.5	.9
COLORADO.....	4.9	4.5	3.4	2.7	3.8	3.8	1.7	1.6	1.4	1.7
CONNECTICUT.....	2.9	2.6	2.2	2.1	2.5	2.7	1.5	1.5	.5	.6
Bridgeport.....	2.4	2.1	1.7	1.6	2.0	2.3	1.1	1.2	.4	.7
Hartford.....	2.4	2.0	2.0	1.8	2.0	2.3	1.3	1.3	.2	.4
New Britain.....	2.7	3.7	2.3	2.5	2.4	3.1	1.3	1.1	.5	1.3
New Haven.....	3.6	3.1	2.6	2.6	3.1	2.6	2.0	1.6	.2	.2
Stamford.....	2.8	2.7	2.5	2.3	2.2	2.2	1.3	1.5	.3	.2
Waterbury.....	2.4	2.4	1.4	1.4	2.1	2.5	1.4	1.3	.4	.7
DELAWARE <sup>1</sup> .....	2.9	2.5	2.2	1.6	2.3	2.4	1.2	1.1	.4	.6
Wilmington <sup>1</sup> .....	2.7	2.2	1.8	1.2	2.1	2.3	1.0	.8	.4	.8
DISTRICT OF COLUMBIA: Washington SMSA.....	2.8	2.7	2.7	2.6	2.6	2.8	1.8	1.9	.2	.4
FLORIDA.....	5.1	5.6	4.1	4.5	5.7	6.6	2.9	2.9	2.0	3.0
Jacksonville.....	7.6	6.1	4.4	4.0	5.4	5.4	2.4	2.9	2.1	1.8
Miami.....	5.3	5.2	4.9	4.9	5.0	4.7	3.0	2.6	1.3	1.5
Tampa-St. Petersburg.....	5.1	5.8	4.4	3.6	5.7	6.1	2.9	2.4	1.9	2.8
GEORGIA.....	4.5	4.2	3.7	3.5	4.4	4.4	2.8	2.8	.8	.8
Atlanta <sup>2</sup> .....	4.4	4.1	3.8	3.5	4.0	4.3	2.5	2.5	.5	.8
HAWAII <sup>3</sup> .....	2.7	3.5	2.2	1.8	2.3	2.1	1.2	.9	.2	.4
IDAHO <sup>4</sup> .....	10.4	6.7	5.4	4.5	4.2	6.2	2.8	2.7	.5	2.6
ILLINOIS: Chicago.....	4.2	3.9	3.6	3.3	3.6	3.8	2.1	2.1	.6	.7
INDIANA <sup>1</sup> .....	3.9	3.7	2.9	2.6	2.9	3.0	1.6	1.6	.6	.8
Indianapolis <sup>5</sup> .....	4.1	3.8	3.5	3.1	3.1	2.6	1.9	1.6	.6	.4
IOWA.....	3.9	3.6	2.4	2.2	3.7	3.5	1.6	1.5	1.4	1.4
Cedar Rapids.....	4.1	4.7	2.3	2.1	4.0	3.3	1.6	1.2	1.9	1.5
Des Moines.....	3.4	4.0	2.6	2.8	3.1	3.0	1.6	1.9	.9	.3
KANSAS.....	4.0	3.8	3.1	2.8	3.6	3.9	1.9	1.7	1.0	1.5
Topeka.....	3.4	3.8	2.5	2.9	3.9	3.8	1.5	1.6	1.7	1.5
Wichita.....	3.0	3.3	2.5	2.4	2.7	3.1	1.6	1.4	.4	.8
KENTUCKY.....	4.0	3.3	2.3	2.4	3.1	3.6	1.4	1.2	1.2	1.8
Louisville.....	2.9	2.7	2.0	1.8	2.6	2.9	1.0	.9	1.0	1.3
LOUISIANA.....	5.3	4.5	3.3	3.0	3.7	3.6	1.3	1.4	1.9	1.4
New Orleans <sup>6</sup> .....	6.1	5.8	3.5	4.0	4.6	4.6	1.5	1.5	2.5	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**

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	May 1965	Apr. 1965	May 1965	Apr. 1965	May 1965	Apr. 1965	May 1965	Apr. 1965	May 1965	Apr. 1965
MAINE.....	7.9	5.7	5.0	3.5	5.4	5.5	3.2	2.7	1.5	2.0
Portland.....	3.8	4.5	3.3	3.5	3.9	2.9	2.5	1.9	.8	.4
MARYLAND.....	3.2	3.8	2.2	2.4	3.7	3.2	1.6	1.5	1.6	1.2
Baltimore.....	3.1	3.6	2.1	2.2	3.5	3.0	1.4	1.3	1.5	1.2
MASSACHUSETTS.....	3.9	3.5	2.8	2.6	3.5	3.6	1.8	1.8	1.0	1.1
Boston.....	3.7	3.3	2.6	2.4	3.3	3.2	1.5	1.6	1.1	.9
Fall River.....	4.9	4.6	3.3	2.9	3.8	5.2	1.8	1.8	1.1	2.6
New Bedford.....	4.3	3.4	2.8	2.3	3.9	4.0	2.0	1.9	.9	1.3
Springfield-Chicopee-Holyoke.....	4.3	6.3	3.2	4.8	3.4	5.9	1.7	2.8	.9	1.5
Worcester.....	3.5	3.2	2.4	2.5	2.6	3.3	1.6	1.8	.4	.9
MICHIGAN.....	3.8	3.0	2.4	1.8	3.0	3.0	1.1	1.0	1.1	.6
Detroit.....	3.5	2.9	2.5	1.9	2.8	2.6	1.1	1.0	1.0	.4
Grand Rapids.....	4.2	3.0	2.2	1.7	3.2	4.3	1.4	1.4	1.1	1.7
Lansing.....	2.8	2.7	1.6	1.6	2.6	2.6	.8	.6	1.2	.2
Muskegon-Muskegon Heights.....	4.7	3.6	3.3	1.9	3.5	3.2	2.0	1.7	.5	.8
Saginaw.....	4.6	4.3	2.8	2.3	3.8	3.4	.8	.7	2.3	.1
MINNESOTA.....	4.6	4.2	2.7	2.4	3.5	3.4	1.6	1.5	1.2	1.2
Duluth-Superior.....	5.0	4.1	3.9	2.7	4.8	5.1	2.2	1.5	1.8	2.4
Minneapolis-St. Paul.....	4.5	4.5	2.5	2.4	3.6	3.8	1.6	1.4	1.3	1.6
MISSISSIPPI.....	6.0	5.0	4.9	4.0	4.5	4.4	2.7	2.7	1.0	.9
Jackson.....	5.6	5.2	5.3	4.1	4.5	4.2	2.7	2.6	1.1	1.0
MISSOURI.....	3.8	3.4	2.8	2.2	3.3	3.4	1.7	1.6	1.0	1.2
Kansas City.....	3.6	3.3	2.8	2.6	3.3	3.7	1.6	1.5	1.0	1.5
St. Louis.....	3.2	3.0	2.3	1.8	2.8	2.9	1.3	1.3	.8	.9
MONTANA <sup>4</sup> .....	5.0	4.7	4.3	3.8	4.1	3.5	2.4	2.1	.9	.7
NEBRASKA.....	5.4	4.6	3.9	2.8	4.0	4.0	2.4	2.4	1.0	.9
NEVADA.....	5.8	5.3	4.9	4.5	5.7	3.7	2.6	2.0	1.7	.7
NEW HAMPSHIRE.....	4.1	4.0	3.1	3.1	3.6	4.3	2.5	2.7	.4	1.0
NEW JERSEY:										
Paterson-Clifton-Passaic.....	3.6	3.2	2.6	2.4	3.1	4.1	1.3	1.3	1.1	2.1
Perth Amboy.....	3.0	2.6	2.2	1.9	2.4	2.9	1.0	1.0	.7	1.2
NEW MEXICO.....	4.9	4.3	3.3	3.4	4.3	4.7	1.9	1.7	1.6	2.1
Albuquerque.....	3.5	4.3	2.5	3.3	3.8	4.4	1.7	1.7	1.3	1.7
NEW YORK.....	4.1	3.5	2.5	2.2	3.9	4.5	1.3	1.3	1.9	2.5
Albany-Schenectady-Troy.....	3.2	3.0	2.2	1.9	2.4	2.5	.9	.9	.6	.8
Binghamton.....	2.3	2.2	1.6	1.5	2.0	2.0	1.5	1.3	.1	.2
Buffalo.....	2.9	2.7	1.8	1.5	2.2	2.4	.8	.8	.9	1.1
Elmira.....	2.7	3.2	1.6	1.7	2.2	3.1	1.2	1.1	.6	.9
Nassau and Suffolk Counties <sup>7</sup> .....	3.6	3.6	2.9	2.9	3.7	3.8	1.6	1.7	1.6	1.4
New York SMSA.....	4.3	3.8	2.8	2.6	4.6	5.2	1.3	1.3	2.5	3.1
New York City <sup>7</sup> .....	4.9	4.1	2.9	2.6	5.3	6.1	1.2	1.2	3.2	4.1
Rochester.....	2.5	2.5	1.9	1.8	2.2	2.4	1.2	1.1	.6	.8
Syracuse.....	3.0	2.2	1.7	1.3	2.1	2.0	1.1	1.1	.5	.5
Utica-Rome.....	3.5	2.9	2.2	1.6	3.1	3.2	1.1	1.1	1.4	1.5
Westchester County <sup>7</sup> .....	3.8	4.4	2.4	2.4	3.7	4.2	1.3	1.2	1.7	2.1
NORTH CAROLINA.....	4.2	3.7	3.4	3.0	3.8	3.7	2.7	2.5	.5	.5
Charlotte.....	4.3	4.0	3.7	3.5	4.6	4.2	3.1	2.7	.7	.7
Greensboro-High Point.....	4.7	3.3	4.1	2.8	4.0	3.8	3.0	2.8	.2	.2
NORTH DAKOTA.....	6.6	4.4	2.6	2.8	3.7	2.9	1.6	1.5	1.7	1.0
Fargo-Moorhead.....	7.2	3.9	3.2	2.0	2.7	2.7	1.7	1.7	.6	.6

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)				Separation rates					
	Accession rates				Total		Quits		Layoffs	
	Total		New hires		May 1965	Apr. 1965	May 1965	Apr. 1965	May 1965	Apr. 1965
OHIO.....	3.1	2.8	2.2	1.9	2.5	2.5	1.1	1.1	0.8	0.8
Akron.....	2.1	1.8	1.3	1.3	1.9	1.9	.8	.7	.6	.7
Canton.....	3.4	4.1	2.4	2.8	3.2	3.1	1.2	1.3	.9	.6
Cincinnati.....	2.9	2.6	1.8	1.7	2.5	2.7	1.0	.9	.8	1.1
Cleveland.....	3.3	2.8	2.5	2.1	2.6	2.8	1.3	1.2	.6	.9
Columbus.....	2.6	3.3	1.8	2.2	2.8	2.6	1.1	1.1	1.2	.8
Dayton.....	2.6	2.6	1.9	1.9	2.0	2.0	.8	1.0	.6	.3
Toledo.....	3.3	2.8	1.8	1.7	3.2	2.5	1.1	.9	1.3	.9
Youngstown-Warren.....	3.0	2.5	1.9	1.3	2.5	2.2	.9	.7	1.1	.9
OKLAHOMA <sup>8</sup> .....	4.4	3.8	3.8	3.3	4.4	4.0	2.0	1.9	1.7	1.3
Oklahoma City.....	6.2	5.2	4.8	4.0	4.9	3.9	2.5	2.2	1.7	1.1
Tulsa <sup>8</sup> .....	4.9	4.4	4.2	4.1	3.3	4.3	2.2	2.1	.5	1.5
OREGON <sup>1</sup> .....	5.9	5.8	5.2	4.9	4.7	5.4	2.9	3.0	1.0	1.6
Portland <sup>1</sup> .....	4.8	5.4	4.1	4.4	4.2	5.2	2.1	2.4	1.4	2.2
PENNSYLVANIA.....	3.1	3.0	2.1	1.9	2.6	2.8	1.2	1.1	.9	1.2
Allentown-Behtlehem-Easton.....	3.1	3.1	2.3	2.3	2.8	3.1	1.4	1.5	1.0	1.0
Altoona.....	4.2	4.1	3.6	3.2	2.9	3.0	1.5	1.8	1.0	.9
Erie.....	3.3	3.6	2.2	2.1	2.4	2.4	1.1	1.2	.7	.7
Harrisburg.....	2.5	2.0	1.5	1.4	2.3	3.2	1.0	1.0	.7	1.5
Johnstown.....	3.1	2.2	2.4	1.9	1.9	2.2	.9	1.2	.6	.3
Lancaster.....	2.8	3.1	2.4	2.3	2.2	2.6	1.7	1.8	.2	.4
Philadelphia.....	3.0	2.8	2.0	1.8	2.7	2.9	1.1	1.0	1.1	1.2
Pittsburgh.....	2.6	2.3	1.4	1.4	1.9	1.9	.6	.5	.7	.8
Reading.....	3.4	3.0	2.2	2.1	2.7	3.3	1.5	1.4	.8	1.4
Scranton.....	4.0	4.0	2.0	2.0	3.1	4.2	1.5	1.4	1.1	2.3
Wilkes-Barre-Hazleton.....	4.2	3.9	2.9	2.5	3.3	3.5	1.5	1.5	1.2	1.5
York.....	4.2	3.5	3.3	2.9	3.3	3.7	2.2	2.0	.5	1.3
RHODE ISLAND.....	4.7	5.5	3.6	4.2	4.8	4.9	2.7	2.8	1.3	1.2
Providence-Pawtucket-Warwick.....	4.9	5.3	3.5	4.1	4.5	4.6	2.6	2.7	1.2	1.1
SOUTH CAROLINA <sup>9</sup> .....	4.6	4.3	3.9	3.5	4.2	3.9	2.9	2.8	.5	.4
Charleston.....	3.8	4.7	3.3	3.9	6.3	5.2	2.3	2.9	2.9	1.2
SOUTH DAKOTA.....	6.2	6.6	3.8	2.2	5.2	4.8	2.5	1.8	2.4	2.7
Sioux Falls.....	5.9	7.9	1.8	1.2	5.8	7.0	1.3	1.4	4.3	5.3
TENNESSEE <sup>9</sup> .....	4.1	3.6	3.0	2.6	3.0	3.2	1.7	1.6	.7	.8
Chattanooga <sup>6</sup> .....	4.3	3.8	2.9	3.3	2.8	3.5	1.8	1.9	.3	.9
Knoxville.....	1.6	2.3	1.0	1.8	1.3	2.1	.6	1.0	.4	.4
Memphis.....	5.4	4.4	4.4	3.2	4.1	4.1	1.9	1.7	1.2	1.4
Nashville.....	3.3	3.4	2.8	2.4	2.9	2.8	2.1	1.7	.5	.5
TEXAS <sup>10</sup> .....	3.8	3.7	3.1	2.9	3.2	3.2	2.0	1.9	.6	.6
Dallas <sup>10</sup> .....	3.7	4.7	3.2	4.0	3.1	3.5	2.1	2.3	.4	.3
Fort Worth <sup>10</sup> .....	4.0	3.2	3.0	2.3	3.5	2.8	2.1	1.8	1.0	.6
Houston <sup>10</sup> .....	3.3	3.2	3.0	2.6	2.7	2.8	1.8	1.9	.4	.3
San Antonio <sup>10</sup> .....	2.6	2.9	2.4	2.5	2.5	2.8	1.6	1.4	.2	.8
UTAH <sup>4</sup> .....	3.2	3.2	2.2	2.2	3.5	3.2	1.4	1.8	1.6	1.0
Salt Lake City <sup>4</sup> .....	3.0	3.2	2.2	2.5	3.0	3.7	1.5	1.9	1.0	1.3
VERMONT.....	4.8	4.1	3.5	3.3	3.0	3.4	2.1	2.2	.4	.5
Burlington.....	8.6	6.6	6.1	5.4	2.0	2.8	1.5	2.2	.2	.3
Springfield.....	2.2	2.1	2.0	2.0	1.8	2.0	1.0	1.3	.4	.1
VIRGINIA.....	3.5	3.3	2.8	2.6	3.6	3.2	2.0	1.9	.9	.6
Norfolk-Portsmouth.....	3.3	4.6	2.7	3.7	6.6	4.2	2.3	2.0	3.3	1.4
Richmond.....	3.0	2.7	2.5	2.2	3.3	2.9	1.7	1.7	.9	.6
Roanoke.....	3.5	3.5	2.9	3.0	2.9	2.8	1.9	1.8	.2	.1

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	
	May 1965	Apr. 1965	May 1965	Apr. 1965	May 1965	Apr. 1965	May 1965	Apr. 1965	May 1965	Apr. 1965
WASHINGTON <sup>11</sup> .....	4.8	4.9	3.7	3.3	3.3	3.8	1.9	1.9	.8	1.2
Seattle-Everett <sup>11</sup> .....	4.4	4.2	3.3	2.9	3.0	3.6	1.6	1.5	.9	1.3
Spokane <sup>11</sup> .....	5.0	4.6	3.4	2.3	3.4	3.0	1.4	1.0	1.6	1.5
Tacoma <sup>11</sup> .....	5.0	5.4	4.1	4.1	4.0	3.8	2.3	1.7	.7	1.7
WEST VIRGINIA.....	2.7	2.5	1.6	1.6	2.2	2.4	.9	.8	.7	1.0
Charleston.....	1.6	1.1	.8	.6	3.2	1.7	.6	.6	1.5	.7
Huntington-Ashland.....	2.3	2.2	1.4	1.5	1.3	2.3	.8	.9	.2	1.0
Wheeling.....	3.6	2.5	1.5	1.0	3.0	1.7	.7	.5	1.6	.5
WISCONSIN.....	3.5	3.7	2.5	2.6	3.4	3.6	1.7	1.8	.9	1.1
Green Bay.....	2.6	2.7	2.0	1.2	1.6	2.1	.8	.9	.6	.6
Kenosha.....	2.4	3.6	.7	.9	2.7	2.7	.8	.8	1.5	1.4
La Crosse.....	5.3	5.9	3.4	4.4	4.8	4.2	1.9	1.9	1.6	1.3
Madison.....	3.9	6.1	2.6	2.5	6.1	3.3	2.5	1.7	2.9	1.1
Milwaukee.....	3.2	3.4	2.5	2.6	3.0	3.4	1.5	1.6	.5	.9
Racine.....	4.4	4.2	3.2	3.6	4.0	5.3	2.2	2.4	.8	1.8
WYOMING <sup>4</sup> .....	4.8	4.0	3.5	3.3	4.4	4.5	2.1	1.9	1.3	1.0

<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>Subarea of New York Standard Metropolitan Statistical Area.

<sup>8</sup>Excludes new-hire rate for transportation equipment.

<sup>9</sup>Excludes tobacco stemming and redrying.

<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.

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

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

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

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

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

## Labor Force Data

### COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other economic characteristics of employed and unemployed persons, and related labor force data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). (A detailed description of this survey appears in *Concepts and Methods Used in Household Statistics on Employment and Unemployment from the Current Population Survey*, Bureau of Labor Statistics Report No. 279. This report is available from BLS on request.)

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

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

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

Size of estimate	(In thousands)					
	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

Standard error of monthly level	(In thousands)	
	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 1963 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, 1909-64*, Bulletin 1312-2 (Dec. 1964), and contains monthly statistics from the earliest date of availability through August 1964.

### 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 payroll sample, March 1963<sup>1</sup>

Industry division	Employees	
	Number reported	Percent of total
Mining . . . . .	287,000	47
Contract construction . . . . .	582,000	23
Manufacturing . . . . .	10,753,000	64
Transportation and public utilities:		
Railroad transportation (ICC)	737,000	97
Other transportation and public utilities . . . . .	1,711,000	55
Wholesale and retail trade . . . . .	2,265,000	20
Finance, insurance and real estate . . . . .	1,020,000	36
Service and miscellaneous . . . . .	1,541,000	19
Government:		
Federal (Civil Service Commission) <sup>2</sup> . . . . .	2,334,000	100
State and local . . . . .	3,459,000	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 1963

Industry	Employees	
	Number reported	Percent of total
Manufacturing .....	9,131,000	55
Metal mining .....	58,000	75
Coal mining .....	62,000	42
Communications:		
Telephone .....	578,000	85
Telegraph .....	25,000	73

#### 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	1961	1962	1963
Total .....	100.0	99.3	101.0
Mining .....	99.4	99.2	100.3
Contract construction. ....	99.9	93.9	101.5
Manufacturing. ....	99.7	99.4	100.1
Transportation and public utilities .....	100.7	100.4	100.0
Wholesale and retail trade. .	100.5	100.1	100.6
Finance, insurance, and real estate .....	101.0	99.9	99.8
Service and miscellaneous .	99.4	98.0	100.8
Government .....	100.0	100.0	103.8

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. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages. Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

Users of State and area employment, hours, and earnings statistics may be interested in *Employment and Earnings Statistics for States and Areas, 1939-64*, BLS Bulletin 1370-2. 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 1964.

## 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

durable 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 December 1964 *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 1964 are published in the February 1965 *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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ALASKA	-Employment Security Division, Department of Labor, Juneau 99801
ARIZONA	-Unemployment Compensation Division, Employment Security Commission, Phoenix 85005
ARKANSAS	-Employment Security Division, Department of Labor, Little Rock 72203
CALIFORNIA	-Division of Labor Statistics and Research, Department of Industrial Relations, San Francisco 94101 (Employment). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
COLORADO	-U. S. Bureau of Labor Statistics, Denver 80202 (Employment). Department of Employment, Denver 80203 (Turnover).
CONNECTICUT	-Employment Security Division, Department of Labor, Wethersfield 06109
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ILLINOIS	-Employment Security Administrator, Department of Labor, Chicago 60606
INDIANA	-Employment Security Division, Indianapolis 46204
IOWA	-Employment Security Commission, Des Moines 50319
KANSAS	-Employment Security Division, Department of Labor, Topeka 66603
KENTUCKY	-Bureau of Employment Security, Department of Economic Security, Frankfort 40601
LOUISIANA	-Division of Employment Security, Department of Labor, Baton Rouge 70804
MAINE	-Employment Security Commission, Augusta 04330
MARYLAND	-Department of Employment Security, Baltimore 21201
MASSACHUSETTS	-Division of Statistics, Department of Labor and Industries, Boston 02108 (Employment). Research and Statistics, Division of Employment Security, Boston 02215 (Turnover).
MICHIGAN	-Employment Security Commission, Detroit 48202
MINNESOTA	-Department of Employment Security, St. Paul 55101
MISSISSIPPI	-Employment Security Commission, Jackson 39205
MISSOURI	-Division of Employment Security, Jefferson City 65102
MONTANA	-Unemployment Compensation Commission, Helena 59601
NEBRASKA	-Division of Employment, Department of Labor, Lincoln 68501
NEVADA	-Employment Security Department, Carson City 89701
NEW HAMPSHIRE	-Department of Employment Security, Concord 03301
NEW JERSEY	-Department of Labor and Industry: Bureau of Statistics and Records (Employment); Division of Employment Security (Turnover), Trenton 08625
NEW MEXICO	-Employment Security Commission, Albuquerque 87103
NEW YORK	-Research and Statistics Office, Division of Employment, State Department of Labor, 370 Seventh Avenue, New York 10001
NORTH CAROLINA	-Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
NORTH DAKOTA	-Unemployment Compensation Division, Workmen's Compensation Bureau, Bismarck 58502
OHIO	-Division of Research and Statistics, Bureau of Unemployment Compensation, Columbus 43215
OKLAHOMA	-Employment Security Commission, Oklahoma City 73105
OREGON	-Department of Employment, Salem 97310
PENNSYLVANIA	-Bureau of Employment Security, Department of Labor and Industry, Harrisburg 17121
RHODE ISLAND	-Division of Statistics and Census, Department of Labor, Providence 02903 (Employment). Department of Employment Security, Providence 02903 (Turnover).
SOUTH CAROLINA	-Employment Security Commission, Columbia 29202
SOUTH DAKOTA	-Employment Security Department, Aberdeen 57401
TENNESSEE	-Department of Employment Security, Nashville 37219
TEXAS	-Employment Commission, Austin 78701
UTAH	-Department of Employment Security, Industrial Commission, Salt Lake City 84110
VERMONT	-Department of Employment Security, Montpelier 05602
VIRGINIA	-Division of Research and Statistics, Department of Labor and Industry, Richmond 23214 (Employment). Employment Commission, Richmond 23211 (Turnover).
WASHINGTON	-Employment Security Department, Olympia 98501
WEST VIRGINIA	-Department of Employment Security, Charleston 25305
WISCONSIN	-Unemployment Compensation Department, Industrial Commission, Madison 53701
WYOMING	-Employment Security Commission, Casper 82602