



EMPLOYMENT and EARNINGS

Vol. 11 No. 7

January 1965

UNITED STATES DEPARTMENT OF LABOR
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1964 ANNUAL AVERAGES

Special Section (pages 69-80)

Household Data:
1964 annual averages for all series regularly appearing in Section A.

Establishment Data:
Preliminary 1964 annual averages for major divisions and two-digit manufacturing industries. Final annual averages for establishment data will appear in the March issue.

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

Caution

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

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

Year and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed ¹			Unemployed ¹			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
1929.....	(2)	49,440	(2)	49,180	47,630	10,450	37,180	1,550	3.2	-	(2)
1930.....	(2)	50,080	(2)	49,820	45,480	10,340	35,140	4,340	8.7	-	(2)
1931.....	(2)	50,680	(2)	50,420	42,400	10,290	32,110	8,020	15.9	-	(2)
1932.....	(2)	51,250	(2)	51,000	38,940	10,170	28,770	12,060	23.6	-	(2)
1933.....	(2)	51,840	(2)	51,590	38,760	10,090	28,670	12,830	24.9	-	(2)
1934.....	(2)	52,490	(2)	52,230	40,890	9,900	30,990	11,340	21.7	-	(2)
1935.....	(2)	53,140	(2)	52,870	42,260	10,110	32,150	10,610	20.1	-	(2)
1936.....	(2)	53,740	(2)	53,440	44,410	10,000	34,410	9,030	16.9	-	(2)
1937.....	(2)	54,320	(2)	54,000	46,300	9,820	36,480	7,700	14.3	-	(2)
1938.....	(2)	54,950	(2)	54,610	44,220	9,690	34,530	10,390	19.0	-	(2)
1939.....	(2)	55,600	(2)	55,230	45,750	9,610	36,140	9,480	17.2	-	(2)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
1948.....	108,632	62,898	57.9	61,442	59,117	7,960	51,156	2,325	3.8	-	45,733
1949.....	109,773	63,721	58.0	62,105	58,423	8,017	50,406	3,682	5.9	-	46,051
1950.....	110,929	64,749	58.4	63,099	59,748	7,497	52,251	3,351	5.3	-	46,181
1951.....	112,075	65,983	58.9	62,884	60,784	7,048	53,736	2,099	3.3	-	46,092
1952.....	113,270	66,560	58.8	62,966	61,035	6,792	54,243	1,932	3.1	-	46,710
1953 ³	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 ⁴	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 ⁵	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
1963: December....	133,025	75,201	56.5	72,461	68,615	4,039	64,576	3,846	5.3	5.5	57,824
1964: January.....	133,200	74,514	55.9	71,793	67,228	3,993	63,234	4,565	6.4	5.6	58,685
February.....	133,358	75,259	56.4	72,527	68,002	3,931	64,071	4,524	6.2	5.4	58,099
March.....	133,519	75,553	56.6	72,810	68,517	4,017	64,500	4,293	5.9	5.4	57,965
April.....	133,678	76,544	57.3	73,799	69,877	4,429	65,448	3,921	5.3	5.4	57,135
May.....	133,866	77,490	57.9	74,742	71,101	5,007	66,094	3,640	4.9	5.1	56,376
June.....	134,041	79,389	59.2	76,645	71,953	5,853	66,100	4,692	6.1	5.3	54,652
July.....	134,216	78,958	58.8	76,218	72,405	5,819	66,586	3,813	5.0	4.9	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	5.2	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	5.0	58,055
December....	135,135	76,567	56.7	73,841	70,375	3,785	66,590	3,466	4.7	4.9	58,568

¹Data 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.

²Not available.

³Beginning 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.

⁴Data 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.

⁵Figures 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.

HOUSEHOLD DATA

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

(In thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed ¹			Unemployed ¹			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
MALE											
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 ²	56,534	47,692	84.4	44,194	42,966	5,496	37,470	1,228	2.8	-	8,840
1954.....	57,016	47,847	83.9	44,537	42,165	5,429	36,736	2,372	5.3	-	9,169
1955.....	57,434	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 ³	61,000	49,507	81.2	47,025	44,485	4,678	39,807	2,541	5.3	-	11,493
1961.....	62,147	49,918	80.3	47,378	44,318	4,508	39,811	3,060	6.5	-	12,229
1962 ⁴	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
1963: December.....	64,562	49,924	77.3	47,215	44,739	3,445	41,294	2,477	5.2	5.1	14,637
1964: January.....	64,639	49,731	76.9	47,041	44,160	3,474	40,686	2,881	6.1	5.1	14,908
February.....	64,709	49,956	77.2	47,255	44,429	3,400	41,029	2,826	6.0	4.8	14,753
March.....	64,781	50,123	77.4	47,411	44,730	3,432	41,299	2,681	5.7	4.8	14,658
April.....	64,851	50,665	78.1	47,951	45,607	3,716	41,891	2,345	4.9	4.8	14,186
May.....	64,938	51,294	79.0	48,577	46,510	4,014	42,496	2,067	4.3	4.6	13,644
June.....	65,018	52,813	81.2	50,100	47,470	4,610	42,860	2,630	5.2	4.8	12,205
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	4.6	14,434
November.....	65,432	50,709	77.5	48,008	46,152	3,666	42,487	1,856	3.9	4.5	14,723
December.....	65,516	50,480	77.0	47,784	45,645	3,247	42,398	2,139	4.5	4.4	15,035
FEMALE											
1940.....	50,300	14,160	28.2	14,160	11,970	1,090	10,880	2,190	15.5	-	36,140
1944.....	52,650	19,370	36.8	19,170	18,850	1,930	16,920	320	1.7	-	33,280
1947.....	54,523	16,915	31.0	16,896	16,349	1,314	15,036	547	3.2	-	37,608
1948.....	55,118	17,599	31.9	17,583	16,848	1,338	15,510	735	4.1	-	37,520
1949.....	55,745	18,048	32.4	18,030	16,947	1,386	15,561	1,083	6.0	-	37,697
1950.....	56,404	18,680	33.1	18,657	17,584	1,226	16,358	1,073	5.8	-	37,724
1951.....	57,078	19,309	33.8	19,272	18,421	1,257	17,164	851	4.4	-	37,770
1952.....	57,766	19,558	33.9	19,513	18,798	1,170	17,628	715	3.7	-	38,208
1953 ²	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 ³	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 ⁴	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
1963: December.....	68,463	25,277	36.9	25,246	23,877	594	23,282	1,369	5.4	6.3	43,186
1964: January.....	68,560	24,783	36.1	24,752	23,068	520	22,548	1,684	6.8	6.5	43,777
February.....	68,649	25,302	36.9	25,271	23,573	531	23,042	1,698	6.7	6.5	43,346
March.....	68,738	25,430	37.0	25,399	23,786	585	23,201	1,613	6.3	6.4	43,308
April.....	68,827	25,878	37.6	25,847	24,271	713	23,557	1,577	6.1	6.5	42,949
May.....	68,928	26,196	38.0	26,165	24,591	993	23,598	1,574	6.0	6.2	42,732
June.....	69,024	26,576	38.5	26,545	24,483	1,243	23,240	2,062	7.8	6.2	42,448
July.....	69,119	25,901	37.5	25,871	24,241	1,226	23,015	1,630	6.3	5.7	43,218
August.....	69,220	25,925	37.5	25,894	24,313	1,052	23,261	1,581	6.1	6.1	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	6.0	43,332
December.....	69,619	26,086	37.5	26,056	24,730	538	24,192	1,327	5.1	6.0	43,533

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

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

Employment status	(In thousands)								
	Total			Male			Female		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
Total	135,135	134,952	133,025	65,516	65,432	64,562	69,619	69,520	68,463
Total labor force	76,567	76,897	75,201	50,480	50,709	49,924	26,086	26,188	25,277
Civilian labor force	73,841	74,166	72,461	47,784	48,008	47,215	26,056	26,158	25,246
Employed	70,375	70,793	68,615	45,645	46,152	44,739	24,730	24,641	23,877
Agriculture	3,785	4,545	4,039	3,247	3,666	3,445	538	879	594
Nonagricultural industries	66,590	66,248	64,576	42,398	42,487	41,294	24,192	23,762	23,282
Unemployed	3,466	3,373	3,846	2,139	1,856	2,477	1,327	1,517	1,369
Looking for full-time work	2,757	2,590	3,216	1,763	1,497	2,147	994	1,093	1,069
Looking for part-time work	709	781	630	376	358	330	333	423	300
Not in labor force	58,568	58,055	57,824	15,035	14,723	14,637	43,533	43,332	43,186

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

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
Total	3,466	3,373	3,846	4.7	4.5	5.3	100.0	100.0	100.0
Male	2,139	1,856	2,477	4.5	3.9	5.2	61.8	55.0	64.4
14 to 19 years	464	461	455	14.1	13.8	14.6	13.4	13.6	11.8
14 and 15 years	47	36	41	9.2	6.5	8.1	1.4	1.1	1.1
16 to 19 years	417	424	414	15.0	15.2	15.9	12.0	12.6	10.8
20 to 24 years	351	313	402	7.3	6.6	8.9	10.1	9.3	10.5
25 to 34 years	378	279	466	3.8	2.8	4.7	10.9	8.3	12.1
35 to 44 years	330	276	425	3.0	2.5	3.8	9.5	8.2	11.1
45 to 54 years	314	246	319	3.1	2.5	3.2	9.1	7.3	8.3
55 to 64 years	244	216	326	3.6	3.2	4.9	7.0	6.4	8.5
65 years and over	60	66	85	2.9	3.2	4.3	1.7	2.0	2.2
Female	1,327	1,517	1,369	5.1	5.8	5.4	38.2	45.0	35.6
14 to 19 years	361	353	296	13.3	13.1	11.7	10.4	10.5	7.7
14 and 15 years	11	18	18	2.9	4.6	4.8	.3	.5	.5
16 to 19 years	350	335	278	14.9	14.5	12.9	10.1	9.9	7.2
20 to 24 years	210	247	210	6.4	7.5	6.9	6.1	7.3	5.5
25 to 34 years	234	255	248	5.4	5.9	5.9	6.7	7.6	6.4
35 to 44 years	248	291	269	4.4	5.1	4.8	7.2	8.6	7.0
45 to 54 years	168	222	193	2.9	3.9	3.4	4.8	6.6	5.0
55 to 64 years	86	112	120	2.5	3.2	3.6	2.5	3.3	3.1
65 years and over	19	37	32	2.0	3.9	3.5	.5	1.1	.8

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

Industry	Unemployment rate			Percent distribution		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
Total	4.7	4.5	5.3	100.0	100.0	100.0
Experienced wage and salary workers	4.4	4.4	5.2	80.2	83.0	84.8
Agriculture	13.2	8.4	11.1	4.9	4.3	4.1
Nonagricultural industries	4.2	4.3	5.1	75.3	78.7	80.7
Mining, forestry, fisheries	6.3	6.3	6.7	1.2	1.1	1.1
Construction	12.7	7.2	13.2	14.4	8.4	13.5
Manufacturing	4.2	4.4	5.6	23.2	25.3	27.3
Durable goods	4.0	3.7	5.0	12.2	11.9	14.0
Nondurable goods	4.6	5.4	6.3	11.0	13.5	13.3
Transportation and public utilities	2.4	2.9	4.2	3.2	4.0	5.1
Wholesale and retail trade	4.5	5.3	5.2	15.4	18.2	15.7
Finance, insurance, and real estate	1.7	2.4	2.6	1.4	2.1	2.0
Service industries	3.2	3.9	3.6	14.2	17.4	13.5
Public administration	2.1	1.9	2.6	2.3	2.1	2.5
Self-employed and unpaid family workers	1.1	.9	1.4	3.2	2.7	3.4
No previous work experience	-	-	-	16.6	14.3	11.8
14 to 19 years	-	-	-	13.0	10.5	9.1
20 years and over	-	-	-	3.6	3.8	2.8

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

Occupation	Unemployment rate			Percent distribution		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
Total	4.7	4.5	5.3	100.0	100.0	100.0
White-collar workers	1.9	2.3	2.4	18.4	21.6	20.3
Professional and technical	1.0	1.2	1.4	2.6	3.4	3.2
Managers, officials, and proprietors	1.3	1.0	1.4	2.8	2.2	2.7
Clerical workers	3.0	3.6	3.8	9.5	11.7	10.6
Sales workers	2.4	3.2	3.0	3.5	4.4	3.8
Blue-collar workers	6.0	5.3	7.4	47.0	43.0	51.1
Craftsmen and foremen	4.7	3.3	5.8	12.8	9.4	14.0
Operatives	5.6	5.6	7.0	22.5	23.4	24.7
Nonfarm laborers	10.7	9.0	12.7	11.8	10.3	12.4
Service workers	4.8	5.8	5.4	13.3	16.9	13.2
Private household workers	3.1	4.8	4.3	2.3	3.4	2.7
Other service workers	5.3	6.2	5.8	11.0	13.4	10.5
Farm workers	4.4	3.2	3.6	4.7	4.2	3.6
Farmers and farm managers	1.0	.7	.4	.6	.4	.2
Farm laborers and foremen	9.2	5.9	7.8	4.1	3.7	3.3
No previous work experience	-	-	-	16.6	14.3	11.8

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

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
COLOR									
Total	3,466	3,373	3,846	4.7	4.5	5.3	100.0	100.0	100.0
White, total	2,750	2,658	3,053	4.2	4.0	4.7	79.3	78.8	79.4
Male	1,722	1,488	2,010	4.0	3.5	4.7	49.7	44.1	52.3
Female	1,028	1,169	1,044	4.5	5.2	4.7	29.7	34.7	27.1
Nonwhite, total	716	715	793	8.8	8.5	10.0	20.7	21.2	20.6
Male	418	367	467	8.7	7.5	10.0	12.1	10.9	12.1
Female	299	348	325	8.8	9.7	10.1	8.6	10.3	8.5
MARITAL STATUS									
Total	3,466	3,373	3,846	4.7	4.5	5.3	100.0	100.0	100.0
Male	2,139	1,856	2,477	4.5	3.9	5.2	61.7	55.0	64.4
Married, wife present	1,061	823	1,330	2.9	2.2	3.6	30.6	24.4	34.6
Single	878	842	926	10.8	10.4	11.7	25.3	25.0	24.1
14 to 19 years	447	444	437	14.3	14.0	15.0	12.9	13.2	11.4
20 years and over	431	399	489	8.6	8.0	9.8	12.4	11.8	12.7
Other marital status	200	190	221	8.2	7.5	9.1	5.8	5.6	5.7
Female	1,327	1,517	1,369	5.1	5.8	5.4	38.3	45.0	35.6
Married, husband present	590	704	645	4.1	4.8	4.6	17.0	20.9	16.8
Single	438	483	404	7.0	7.8	6.8	12.6	14.3	10.5
14 to 19 years	296	314	256	12.4	13.2	11.5	8.5	9.3	6.7
20 years and over	142	169	148	3.7	4.4	4.0	4.1	5.0	3.8
Other marital status	299	330	321	5.6	6.3	6.1	8.6	9.8	8.3
HOUSEHOLD RELATIONSHIP									
Total	3,466	3,373	3,846	4.7	4.5	5.3	100.0	100.0	100.0
Household head	1,420	1,259	1,689	3.1	2.8	3.8	41.0	37.3	43.9
Living with relatives	1,185	981	1,431	3.0	2.4	3.6	34.2	29.1	37.2
Not living with relatives	235	276	259	4.4	5.1	5.0	6.8	8.2	6.7
Wife of head	570	680	621	4.0	4.7	4.5	16.4	20.2	16.1
Other relative of head	1,386	1,348	1,452	10.8	10.4	11.6	40.0	40.0	37.8
Non-relative of head	90	85	83	6.4	6.0	5.5	2.6	2.5	2.2

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

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963		Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
Total	3,466	3,373	3,846	100.0	100.0	100.0	Total	3,466	3,373	3,846	100.0	100.0	100.0
Less than 5 weeks	1,630	1,658	1,734	47.0	49.2	45.1	Persons on temporary layoff	103	79	93	3.0	2.3	2.4
5 to 14 weeks	1,034	956	1,183	29.8	28.3	30.8							
5 and 6 weeks	295	260	379	8.5	7.7	9.9							
7 to 10 weeks	445	447	480	12.8	13.3	12.5							
11 to 14 weeks	294	248	324	8.5	7.4	8.4	Persons scheduled to begin new jobs within 30 days.	106	88	126	3.1	2.6	3.3
15 weeks and over	802	759	928	23.2	22.5	24.1							
15 to 26 weeks	416	372	492	12.0	11.0	12.8							
27 weeks and over	387	387	436	11.2	11.5	11.3	All other unemployed ...	3,257	3,206	3,627	94.0	95.0	94.3
Average (mean) duration ...	12.8	13.3	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		
	Dec. 1964	Dec. 1963	Dec. 1964	Dec. 1963	Dec. 1964	Dec. 1963	Dec. 1964	Dec. 1963	
INDUSTRY									
Total	23.1	24.1	100.0	100.0	11.2	11.3	100.0	100.0	100.0
Experienced wage and salary workers	22.4	23.1	77.7	81.3	11.2	11.3	80.6	84.4	86.1
Agriculture	13.5	11.4	2.9	1.9	7.6	2.5	3.4	.9	1.7
Nonagricultural industries	23.0	23.7	74.9	79.4	11.5	11.7	77.3	83.4	84.4
Mining, forestry, fisheries	(1)	(1)	1.7	1.0	(1)	(1)	2.3	.9	.9
Construction	9.4	9.3	5.8	5.2	4.0	3.5	5.2	4.1	5.3
Manufacturing	25.1	29.6	25.1	33.4	11.1	13.8	23.3	33.3	25.7
Durable goods	30.0	35.5	15.8	20.6	15.1	15.2	16.5	18.9	14.5
Nondurable goods	19.7	23.2	9.3	12.8	6.8	12.3	6.7	14.5	11.2
Transportation and public utilities	27.0	21.9	3.7	4.6	16.2	13.8	4.7	6.2	6.3
Wholesale and retail trade	24.3	23.7	16.2	15.4	12.3	12.9	17.1	17.9	16.3
Finance, insurance, and real estate, and service industries	28.6	25.0	19.3	16.1	14.6	11.4	20.4	15.6	24.7
Public administration	(1)	(1)	3.0	3.7	(1)	(1)	4.4	5.3	5.2
Self-employed and unpaid family workers	27.0	21.8	3.7	3.1	14.4	3.8	4.1	1.1	13.1
No previous work experience	25.9	31.8	18.6	15.5	10.3	13.9	15.2	14.5	.8
OCCUPATION									
Total	23.1	24.1	100.0	100.0	11.2	11.3	100.0	100.0	100.0
White-collar workers	31.9	26.8	25.3	22.5	17.6	11.8	28.9	21.1	44.5
Professional and technical	(1)	29.8	3.1	4.0	(1)	3.2	3.9	.9	12.4
Managers, officials, and proprietors	(1)	28.8	3.0	3.2	(1)	19.2	3.1	4.6	10.2
Clerical workers	38.7	27.0	15.8	11.8	20.7	14.0	17.6	13.1	15.0
Sales workers	22.0	21.9	3.4	3.4	13.8	7.5	4.4	2.5	6.9
Blue-collar workers	17.9	21.3	36.2	45.1	7.5	10.6	31.8	47.8	36.6
Craftsmen and foremen	12.7	17.7	7.0	10.2	6.6	8.4	7.5	10.3	12.7
Operatives	20.4	24.6	19.8	25.1	7.4	12.1	15.0	26.4	18.8
Nonfarm laborers	18.6	19.0	9.5	9.8	8.8	10.0	9.3	11.0	5.2
Service workers	30.0	27.9	17.2	15.3	17.8	13.4	21.2	15.6	13.1
Private household workers	(1)	37.5	3.1	4.2	(1)	12.5	3.1	3.0	3.4
Other service workers	29.6	25.4	14.1	11.1	18.3	13.6	18.1	12.6	9.7
Farm workers	13.5	11.7	2.7	1.7	6.7	2.9	2.8	.9	5.0
Farmers and farm managers	(1)	-	.5	-	(1)	-	.5	-	2.9
Farm laborers and foremen	12.7	12.5	2.2	1.7	6.3	3.1	2.3	.9	2.1
No previous work experience	25.9	31.8	18.6	15.5	10.3	13.9	15.2	14.5	.8

¹Percent 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		
	Dec. 1964	Dec. 1963	Dec. 1964	Dec. 1963	Dec. 1964	Dec. 1963	Dec. 1964	Dec. 1963	
AGE									
Total	23.1	24.1	100.0	100.0	11.2	11.3	100.0	100.0	100.0
Male	21.0	22.4	56.2	59.7	10.7	11.5	58.8	65.2	64.7
14 to 19 years	20.9	20.4	12.1	10.0	7.1	9.0	8.5	9.4	4.5
20 to 24 years	15.7	15.9	6.9	6.9	5.4	6.2	4.9	5.7	6.5
25 to 44 years	16.4	16.8	14.5	16.2	8.5	8.4	15.5	17.2	28.3
45 years and over	29.5	33.9	22.7	26.6	18.8	19.8	29.9	33.0	25.4
Female	26.5	27.3	43.8	40.3	12.0	11.1	41.2	34.8	35.3
14 to 19 years	19.1	24.3	8.6	7.8	6.9	8.1	6.4	5.5	3.7
20 to 24 years	28.6	27.6	7.5	6.2	12.9	13.3	7.0	6.4	4.5
25 to 44 years	26.0	28.4	15.6	15.8	11.9	10.4	14.7	12.4	13.4
45 years and over	35.4	28.0	12.1	10.5	18.6	13.3	13.1	10.5	13.7
COLOR									
Total	23.1	24.1	100.0	100.0	11.2	11.3	100.0	100.0	100.0
White, total	22.1	22.0	75.7	72.3	10.1	9.6	72.3	67.2	89.0
Male	20.4	20.6	43.9	44.7	9.8	10.2	43.5	47.2	58.2
Female	24.8	24.5	31.8	27.6	10.8	8.3	28.8	20.0	30.7
Nonwhite, total	27.4	32.4	24.3	27.7	14.9	18.0	27.7	32.8	11.0
Male	23.4	29.8	12.2	15.0	14.1	16.7	15.3	17.9	6.5
Female	32.4	36.3	12.1	12.7	16.1	20.0	12.4	14.9	4.6
MARITAL STATUS									
Total	23.1	24.1	100.0	100.0	11.2	11.3	100.0	100.0	100.0
Male	21.0	22.4	56.2	59.7	10.7	11.5	58.8	65.2	64.7
Married, wife present	20.0	22.3	26.4	31.9	12.3	11.3	33.9	34.5	50.4
Single	20.7	20.8	22.7	20.8	6.9	9.4	15.8	20.0	11.0
14 to 19 years	21.0	21.1	11.7	9.9	6.9	9.4	8.0	9.4	4.2
20 years and over	20.4	20.7	11.0	10.9	7.0	9.4	7.8	10.6	6.8
Other marital status	28.0	29.4	7.0	7.0	18.0	21.3	9.3	10.8	3.3
Female	26.5	27.3	43.8	40.3	12.0	11.1	41.2	34.8	35.3
Married, husband present	25.3	24.8	18.6	17.2	9.8	11.2	15.0	16.6	19.6
Single	26.3	29.7	14.3	12.9	12.8	11.9	14.5	11.0	8.5
14 to 19 years	21.3	26.6	7.9	7.3	7.4	9.0	5.7	5.3	3.2
20 years and over	36.6	35.1	6.5	5.6	23.9	16.9	8.8	5.7	5.2
Other marital status	29.4	29.3	11.0	10.1	15.1	9.7	11.6	7.1	7.2

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		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
	Total	2,757	2,590	3,216	709	781	630	20.5	23.2	16.4
Male	1,763	1,497	2,147	376	358	330	17.6	19.3	13.3
14 to 19 years	218	221	232	246	239	222	53.0	52.0	48.9
Major activity:									
Going to school	21	7	18	242	234	214	92.0	97.1	92.2
All other	199	215	215	6	8	8	2.9	3.6	3.6
20 to 24 years	313	268	362	38	46	40	10.8	14.6	10.0
25 to 54 years	977	777	1,199	44	25	10	4.3	3.1	.8
55 years and over	255	232	353	51	49	59	16.7	17.4	14.3
Female	994	1,093	1,069	333	423	300	25.1	27.9	21.9
14 to 19 years	199	183	158	162	170	137	44.9	48.2	46.4
Major activity:									
Going to school	13	9	7	151	147	124	92.1	94.2	94.7
All other	187	175	151	11	24	13	5.6	12.1	7.9
20 to 24 years	175	202	181	35	44	29	16.7	17.9	13.8
25 to 54 years	540	605	612	109	162	99	16.8	21.1	13.9
55 years and over	80	103	118	26	45	35	24.5	30.4	22.9

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

Age and sex	Thousands of persons			Labor force participation rate		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
	Total	76,567	76,897	75,201	56.7	57.0	56.5
Male	50,480	50,709	49,924	77.0	77.5	77.3
14 to 19 years	3,787	3,849	3,610	37.6	38.4	37.3
14 and 15 years	512	562	503	14.5	16.0	14.3
16 and 17 years	1,287	1,331	1,218	36.0	37.1	35.8
18 and 19 years	1,988	1,956	1,889	67.1	66.9	68.3
20 to 24 years	5,746	5,702	5,456	87.2	86.8	86.3
25 to 34 years	10,589	10,649	10,620	97.0	97.6	97.4
35 to 44 years	11,494	11,546	11,587	97.0	97.4	97.6
45 to 54 years	10,075	10,067	9,965	95.5	95.6	95.6
55 to 64 years	6,749	6,812	6,723	85.0	85.9	86.0
55 to 59 years	3,899	3,904	3,875	90.1	90.3	90.8
60 to 64 years	2,850	2,908	2,848	78.9	80.6	80.3
65 years and over	2,041	2,086	1,964	26.8	27.4	26.0
Female	26,086	26,188	25,277	37.5	37.7	36.9
14 to 19 years	2,729	2,703	2,539	27.7	27.6	26.8
14 and 15 years	376	394	381	11.0	11.5	11.2
16 and 17 years	927	881	855	26.6	25.2	25.7
18 and 19 years	1,426	1,428	1,303	48.7	49.5	47.7
20 to 24 years	3,301	3,311	3,056	49.8	50.2	48.0
25 to 34 years	4,309	4,314	4,211	38.3	38.4	37.5
35 to 44 years	5,619	5,682	5,561	45.1	45.6	44.5
45 to 54 years	5,731	5,750	5,646	51.5	51.7	51.5
55 to 64 years	3,444	3,473	3,344	39.8	40.2	39.4
55 to 59 years	2,089	2,119	2,061	45.0	45.7	45.3
60 to 64 years	1,355	1,354	1,283	33.8	33.8	32.7
65 years and over	953	954	919	9.8	9.9	9.7

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

Age and sex	(In thousands)					
	Male			Female		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
All industries	45,645	46,152	44,739	24,730	24,641	23,877
14 to 19 years	2,824	2,888	2,654	2,362	2,343	2,236
20 to 24 years	4,448	4,441	4,104	3,081	3,054	2,836
25 to 34 years	9,453	9,610	9,393	4,069	4,053	3,956
35 to 44 years	10,762	10,866	10,757	5,367	5,387	5,287
45 to 54 years	9,675	9,736	9,559	5,561	5,526	5,451
55 to 64 years	6,501	6,591	6,392	3,357	3,361	3,223
65 years and over	1,981	2,020	1,878	932	916	887
Nonagricultural industries	42,398	42,487	41,294	24,192	23,762	23,282
14 to 19 years	2,524	2,470	2,344	2,324	2,235	2,162
20 to 24 years	4,217	4,128	3,878	3,067	2,989	2,812
25 to 34 years	9,048	9,146	8,898	3,994	3,942	3,890
35 to 44 years	10,176	10,237	10,109	5,231	5,194	5,169
45 to 54 years	9,013	9,026	8,869	5,443	5,309	5,303
55 to 64 years	5,861	5,922	5,712	3,268	3,227	3,101
65 years and over	1,560	1,556	1,484	886	864	846
Agriculture	3,247	3,666	3,445	538	879	594
14 to 19 years	300	418	310	39	108	75
20 to 24 years	231	313	226	34	65	24
25 to 34 years	405	463	494	75	110	66
35 to 44 years	585	629	648	136	193	118
45 to 54 years	663	709	690	118	216	148
55 to 64 years	640	670	681	89	134	123
65 years and over	421	464	394	47	52	41

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

Characteristics	(In thousands)								
	Total			Male			Female		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
CLASS OF WORKER									
Total	70,375	70,793	68,615	45,645	46,152	44,739	24,730	24,641	23,877
Nonagricultural industries	66,590	66,248	64,576	42,398	42,487	41,294	24,192	23,762	23,282
Wage and salary workers	59,687	59,299	57,798	37,414	37,502	36,427	22,273	21,797	21,371
Private household workers	2,581	2,496	2,489	241	243	234	2,339	2,253	2,255
Government workers	9,645	9,724	9,393	5,678	5,725	5,449	3,967	3,999	3,945
Other wage and salary workers	47,461	47,079	45,916	31,495	31,534	30,744	15,967	15,545	15,171
Self-employed workers	6,307	6,360	6,245	4,908	4,920	4,814	1,399	1,441	1,430
Unpaid family workers	596	588	533	76	65	52	520	523	481
Agriculture	3,785	4,545	4,039	3,247	3,666	3,445	538	879	594
Wage and salary workers	1,114	1,561	1,264	995	1,248	1,102	119	313	162
Self-employed workers	2,168	2,265	2,258	2,061	2,150	2,143	107	115	115
Unpaid family workers	503	720	517	191	268	200	312	451	317
OCCUPATION									
Total	70,375	70,793	68,615	45,645	46,152	44,739	24,730	24,641	23,877
White-collar workers	32,255	31,475	31,283	18,083	17,777	17,644	14,171	13,699	13,641
Professional and technical	9,071	8,934	8,763	5,667	5,573	5,523	3,403	3,361	3,240
Managers, officials, and proprietors	7,448	7,359	7,506	6,398	6,255	6,371	1,050	1,104	1,136
Clerical workers	10,766	10,623	10,361	3,120	3,117	3,026	7,646	7,507	7,336
Sales workers	4,970	4,559	4,653	2,898	2,832	2,724	2,072	1,727	1,929
Blue-collar workers	25,409	25,850	24,717	21,260	21,728	20,803	4,150	4,126	3,912
Craftsmen and foremen	8,918	9,189	8,809	8,650	8,916	8,541	268	276	267
Operatives	13,084	13,160	12,611	9,301	9,398	9,079	3,784	3,763	3,532
Nonfarm laborers	3,407	3,501	3,297	3,309	3,414	3,183	98	87	113
Service workers	9,178	9,209	8,908	3,264	3,226	3,106	5,914	5,982	5,803
Private household workers	2,407	2,320	2,304	64	48	72	2,344	2,272	2,232
Other service workers	6,771	6,889	6,604	3,200	3,178	3,034	3,570	3,710	3,571
Farm workers	3,530	4,258	3,705	3,036	3,422	3,184	497	834	523
Farmers and farm managers	2,135	2,236	2,194	2,030	2,121	2,089	106	114	105
Farm laborers and foremen	1,395	2,022	1,511	1,006	1,301	1,095	391	720	418

Table A-15: Employed persons, by hours worked

(In thousands)

Hours worked	All industries			Nonagricultural industries			Agriculture		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
Total	70,375	70,793	68,615	66,590	66,248	64,576	3,785	4,545	4,039
With a job but not at work	2,192	2,349	2,269	1,975	2,221	1,985	218	129	284
At work	68,182	68,444	66,346	64,615	64,027	62,591	3,567	4,417	3,755
1-34 hours	13,645	18,318	13,351	12,298	16,913	11,773	1,349	1,405	1,578
1-4 hours	981	994	994	928	945	896	53	49	97
5-14 hours	3,541	3,451	3,576	3,238	3,139	3,196	304	312	379
15-34 hours	9,123	13,870	8,779	8,131	12,826	7,679	993	1,044	1,100
35 hours or more	54,536	50,126	52,995	52,317	47,115	50,817	2,220	3,011	2,179
35-40 hours	31,671	28,440	31,207	31,066	27,757	30,597	605	684	611
41 hours and over	22,865	21,686	21,788	21,251	19,358	20,220	1,615	2,327	1,568
Average hours, total at work	40.2	39.5	40.1	40.1	39.2	40.1	41.4	44.6	39.4

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

(In thousands)

Full- or part-time status	All industries			Nonagricultural industries		
	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
Total	70,375	70,793	68,615	66,590	66,248	64,576
With a job but not at work	2,192	2,349	2,269	1,975	2,221	1,985
At work	68,182	68,444	66,346	64,615	64,027	62,591
On full-time schedules	57,247	57,610	55,800	54,702	54,422	53,120
35 hours or more	54,536	50,126	52,995	52,317	47,115	50,817
1-34 hours for noneconomic reasons	2,711	7,484	2,805	2,385	7,307	2,303
Bad weather	713	311	1,054	495	237	679
Industrial dispute	4	27	5	4	27	5
Vacation	263	331	215	260	317	202
Illness	847	722	804	819	706	766
Holiday	230	5,414	87	228	5,403	86
All other reasons	654	679	640	579	617	565
On part time for economic reasons	2,301	2,272	2,412	1,989	1,901	2,047
Usually work full time	1,223	1,125	1,255	1,021	926	1,008
Average hours	23.0	23.5	22.7	23.3	23.4	23.2
Usually work part time	1,078	1,147	1,157	968	975	1,039
Average hours	17.9	18.4	17.8	17.7	18.3	17.9
On part time for noneconomic reasons, usually work part time	8,634	8,560	8,134	7,924	7,702	7,421

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

(In thousands)

Reason not working	All industries			Nonagricultural industries								
	Dec. 1964	Nov. 1964	Dec. 1963	Total			Wage and salary workers					
				Dec. 1964	Nov. 1964	Dec. 1963	Number			Percent paid		
				Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963	Dec. 1964	Nov. 1964	Dec. 1963
Total	2,192	2,349	2,269	1,975	2,221	1,985	1,639	1,866	1,603	45.6	45.5	41.6
Bad weather	175	99	232	104	73	153	54	44	80	(1)	(1)	(1)
Industrial dispute	23	54	31	23	54	31	23	54	31	-	-	-
Vacation	465	610	420	450	589	410	416	541	386	89.4	88.5	82.1
Illness	958	1,007	968	906	976	875	811	870	771	39.8	35.2	34.4
All other reasons	572	580	618	491	529	515	335	359	335	14.6	17.5	23.6

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

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

December 1964

(In thousands)

Age, sex, and color	Total labor force		Civilian labor force						Not in labor force				
	Number	Percent of population	Total	Employed			Unemployed		Total	Keeping house	In school	Unable to work	Other
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force					
Male	50,480	77.0	47,784	45,645	3,247	42,398	2,139	4.5	15,035	185	6,917	1,053	6,880
14 and 15 years	512	14.5	512	464	78	386	47	9.2	3,009	11	2,972	4	21
16 and 17 years	1,287	36.0	1,236	1,033	119	915	203	16.4	2,287	9	2,193	13	71
18 and 19 years	1,988	67.1	1,540	1,326	103	1,223	214	13.9	976	2	873	13	88
20 to 24 years	5,746	87.2	4,800	4,448	231	4,217	351	7.3	845	2	726	21	96
25 to 29 years	5,287	96.2	4,860	4,649	193	4,456	211	4.3	206	1	112	25	69
30 to 34 years	5,302	97.8	4,971	4,804	212	4,592	167	3.4	119	3	26	28	63
35 to 39 years	5,725	97.6	5,495	5,342	284	5,057	153	2.8	143	-	5	44	94
40 to 44 years	5,769	96.4	5,597	5,420	301	5,119	177	3.2	218	3	7	62	146
45 to 49 years	5,285	96.2	5,220	5,066	321	4,746	154	3.0	208	6	1	67	135
50 to 54 years	4,790	94.8	4,769	4,609	342	4,267	160	3.3	262	10	3	84	164
55 to 59 years	3,899	90.1	3,895	3,769	330	3,439	127	3.2	428	11	-	137	280
60 to 64 years	2,850	78.9	2,849	2,732	310	2,422	117	4.1	761	16	-	143	602
65 to 69 years	1,175	41.9	1,175	1,122	199	923	53	4.5	1,628	24	-	95	1,509
70 years and over	866	18.0	866	859	222	637	7	.8	3,946	88	-	317	3,541
White	45,480	77.4	43,011	41,289	2,850	38,439	1,722	4.0	13,310	167	6,062	922	6,160
Nonwhite	5,001	74.4	4,774	4,356	397	3,959	418	8.7	1,726	18	856	131	720
Female	26,086	37.5	26,056	24,730	538	24,192	1,327	5.1	43,533	35,443	6,726	563	800
14 and 15 years	376	11.0	376	365	18	347	11	2.9	3,045	33	2,989	3	20
16 and 17 years	927	26.6	927	771	12	758	157	16.9	2,563	211	2,310	4	37
18 and 19 years	1,426	48.7	1,420	1,227	8	1,218	193	13.6	1,500	557	878	8	57
20 to 24 years	3,301	49.8	3,291	3,081	34	3,047	210	6.4	3,321	2,796	455	19	51
25 to 29 years	2,237	39.7	2,233	2,109	39	2,070	124	5.6	3,400	3,344	18	11	27
30 to 34 years	2,072	37.0	2,069	1,960	36	1,924	110	5.3	3,527	3,468	17	13	29
35 to 39 years	2,554	41.7	2,552	2,436	64	2,372	116	4.5	3,578	3,518	17	10	33
40 to 44 years	3,065	48.4	3,063	2,931	72	2,859	132	4.3	3,262	3,187	21	18	36
45 to 49 years	3,032	52.3	3,031	2,934	59	2,875	97	3.2	2,763	2,701	8	22	32
50 to 54 years	2,699	50.6	2,698	2,623	59	2,568	71	2.6	2,638	2,562	5	35	37
55 to 59 years	2,089	45.0	2,089	2,023	46	1,977	65	3.1	2,552	2,494	-	29	29
60 to 64 years	1,355	33.8	1,355	1,334	43	1,291	21	1.6	2,653	2,567	5	25	57
65 to 69 years	514	15.3	514	503	16	487	10	2.0	2,837	2,710	2	43	81
70 years and over	439	6.9	439	429	31	399	9	2.1	5,891	5,294	-	323	275
White	22,705	36.6	22,678	21,650	449	21,201	1,028	4.5	39,393	32,401	5,815	491	686
Nonwhite	3,382	45.0	3,379	3,080	89	2,990	299	8.8	4,139	3,042	910	73	114

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

December 1964

(Percent distribution)

Industry	Full- or part-time status						Hours of work				
	Total at work	On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over	
			Economic reasons		Other reasons						
			Usually work full time	Usually work part time	Usually work part time						
Total ¹	100.0	85.1	1.5	1.5	11.8	100.0	18.5	51.1	15.5	14.8	
Construction	100.0	89.9	4.3	2.5	3.3	100.0	21.8	54.7	13.1	10.4	
Manufacturing	100.0	94.5	2.3	.6	2.5	100.0	8.8	60.6	17.9	12.6	
Durable goods	100.0	97.6	1.1	.2	1.1	100.0	5.8	62.9	18.2	13.1	
Nondurable goods	100.0	90.5	4.0	1.0	4.4	100.0	12.8	57.6	17.6	11.9	
Transportation and public utilities	100.0	93.4	1.4	.7	4.4	100.0	9.8	59.5	13.7	16.9	
Wholesale and retail trade	100.0	76.9	1.0	1.8	20.4	100.0	25.1	36.0	19.9	19.1	
Finance, insurance, and real estate	100.0	90.4	.3	-	9.3	100.0	12.1	62.7	10.8	14.4	
Service industries	100.0	72.5	.9	3.1	23.5	100.0	30.4	42.4	12.6	14.6	

¹Includes forestry and fisheries, mining and public administration, not shown separately.

HOUSEHOLD DATA

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

December 1964

(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	31,376	100.0	86.7	0.6	0.5	12.2	100.0	16.2	48.4	13.9	21.5	41.5
Professional and technical	8,898	100.0	88.5	.5	.3	10.7	100.0	14.8	49.5	14.2	21.5	41.4
Managers, officials, and proprietors	7,173	100.0	94.7	.6	.3	4.3	100.0	7.6	31.9	17.8	42.6	49.2
Clerical workers	10,461	100.0	86.4	.6	.3	12.7	100.0	16.8	65.9	10.5	6.8	38.2
Sales workers	4,844	100.0	72.2	.9	1.3	25.7	100.0	30.3	33.1	14.9	21.8	37.6
Blue-collar workers	24,537	100.0	89.6	3.0	1.6	5.7	100.0	15.5	52.0	17.8	14.6	40.7
Craftsmen and foremen	8,590	100.0	94.9	2.0	.8	2.3	100.0	10.1	53.1	19.6	17.2	42.3
Operatives	12,657	100.0	89.2	3.6	1.4	5.8	100.0	15.2	52.1	18.3	14.4	40.9
Nonfarm laborers	3,290	100.0	77.9	3.3	4.5	14.4	100.0	31.3	49.2	11.0	8.6	35.5
Service workers	8,949	100.0	63.4	1.2	4.8	30.6	100.0	38.8	35.3	13.2	12.7	33.9
Private household workers	2,375	100.0	32.1	1.3	11.4	55.1	100.0	68.8	17.1	6.5	7.5	23.2
Other service workers	6,574	100.0	74.8	1.1	2.5	21.7	100.0	28.0	41.8	15.7	14.6	37.8

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

December 1964

Occupation	Thousands			Percent distribution								
	Total	Male	Female	Total	Male	Female	White			Nonwhite		
							Total	Male	Female	Total	Male	Female
Total	70,375	45,645	24,730	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	32,255	18,083	14,171	45.8	39.6	57.3	48.9	42.2	61.8	19.5	15.1	25.7
Professional and technical	9,071	5,667	3,403	12.9	12.4	13.8	13.5	13.1	14.3	7.3	5.6	9.7
Medical and other health	1,502	565	937	2.1	1.2	3.8	2.2	1.3	4.0	1.4	.7	2.3
Teachers, except college	2,065	615	1,450	2.9	1.3	5.9	2.9	1.4	5.9	3.0	1.3	5.3
Other professional and technical	5,504	4,487	1,016	7.8	9.8	4.1	8.4	10.5	4.4	3.0	3.6	2.1
Managers, officials, and proprietors	7,448	6,398	1,050	10.6	14.0	4.2	11.6	15.2	4.7	2.4	3.1	1.3
Salaried workers	4,296	3,683	613	6.1	8.1	2.5	6.7	8.8	2.8	.8	1.0	.5
Self-employed workers in retail trade	1,456	1,155	301	2.1	2.5	1.2	2.2	2.7	1.3	.9	1.0	.7
Self-employed workers, except retail trade	1,696	1,560	136	2.4	3.4	.5	2.6	3.7	.6	.7	1.1	.2
Clerical workers	10,766	3,120	7,646	15.3	6.8	30.9	16.2	7.1	33.5	7.9	4.6	12.5
Stenographers, typists, and secretaries	2,834	53	2,781	4.0	.1	11.2	4.3	.1	12.3	1.6	.1	3.7
Other clerical workers	7,932	3,067	4,865	11.3	6.7	19.7	11.9	6.9	21.2	6.3	4.5	8.8
Sales workers	4,970	2,898	2,072	7.1	6.3	8.4	7.7	6.8	9.3	1.9	1.8	2.1
Retail trade	3,131	1,266	1,865	4.4	2.8	7.5	4.8	2.9	8.3	1.5	1.3	1.9
Other sales workers	1,839	1,632	207	2.6	3.6	.8	2.9	3.9	.9	.4	.6	.2
Blue-collar workers	25,409	21,260	4,150	36.1	46.6	16.8	35.4	45.1	16.7	42.4	60.5	16.9
Craftsmen, foremen	8,918	8,650	268	12.7	19.0	1.1	13.3	19.7	1.1	7.0	11.5	.7
Carpenters	789	789	-	1.1	1.7	-	1.2	1.8	-	.9	1.5	-
Construction craftsmen, except carpenters	1,698	1,688	10	2.4	3.7	(1)	2.5	3.8	(1)	1.5	2.5	(1)
Mechanics and repairmen	2,300	2,279	21	3.3	5.0	.1	3.4	5.2	.1	1.8	3.1	-
Metal craftsmen, except mechanics	1,044	1,035	9	1.5	2.3	(1)	1.6	2.4	(1)	.7	1.2	.1
Other craftsmen and kindred workers	1,883	1,746	137	2.7	3.8	.6	2.8	4.0	.6	1.4	2.1	.5
Foremen, not elsewhere classified	1,204	1,113	91	1.7	2.4	.4	1.8	2.6	.4	.7	1.1	.1
Operatives	13,084	9,301	3,784	18.6	20.4	15.3	18.1	19.6	15.3	22.7	27.8	15.5
Drivers and deliverymen	2,504	2,454	51	3.6	5.4	.2	3.4	5.1	.2	4.8	8.1	(1)
Other operatives	10,580	6,847	3,733	15.0	15.0	15.1	14.7	14.5	15.0	17.9	19.7	15.4
Durable goods manufacturing	4,068	3,075	993	5.8	6.7	4.0	5.8	6.7	4.2	5.5	7.5	2.7
Nondurable goods manufacturing	3,513	1,593	1,920	5.0	3.5	7.8	5.0	3.4	8.0	5.1	4.3	6.2
Other industries	2,999	2,179	820	4.3	4.8	3.3	3.9	4.5	2.9	7.3	7.8	6.6
Nonfarm laborers	3,407	3,309	98	4.8	7.2	.4	3.9	5.8	.3	12.8	21.2	.8
Construction	728	726	2	1.0	1.6	(1)	.8	1.3	(1)	2.7	4.6	-
Manufacturing	980	920	60	1.4	2.0	.2	1.2	1.6	.2	3.4	5.5	.4
Other industries	1,699	1,663	36	2.4	3.6	.1	1.9	2.9	.1	6.7	11.1	.4
Service workers	9,178	3,264	5,914	13.0	7.2	23.9	10.8	6.2	19.6	31.8	15.7	54.5
Private household workers	2,407	64	2,344	3.4	.1	9.5	2.2	.1	6.2	13.5	.3	32.3
Service workers, except private household	6,771	3,200	3,570	9.6	7.0	14.4	8.6	6.1	13.3	18.2	15.4	22.2
Protective service workers	863	833	30	1.2	1.8	.1	1.3	1.9	.1	.6	.9	.1
Waiters, cooks, and bartenders	1,843	546	1,296	2.6	1.2	5.2	2.5	1.0	5.2	3.8	2.8	5.2
Other service workers	4,065	1,821	2,244	5.8	4.0	9.1	4.8	3.2	8.0	13.8	11.7	16.9
Farm workers	3,530	3,036	497	5.0	6.7	2.0	4.9	6.4	1.9	6.3	8.7	2.9
Farmers and farm managers	2,135	2,030	106	3.0	4.4	.4	3.2	4.6	.4	1.8	2.9	.3
Farm laborers and foremen	1,395	1,006	391	2.0	2.2	1.6	1.7	1.8	1.4	4.5	5.9	2.6
Paid workers	904	816	89	1.3	1.8	.4	1.0	1.4	.2	4.1	5.8	1.7
Unpaid family workers	491	190	302	.7	.4	1.2	.7	.5	1.3	.4	.1	.9

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

December 1964
(Percent distribution)

Characteristics	Full or part-time status						Hours of work				
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 hours and over	Average hours, total at work
				Economic reasons		Other reasons					
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time						
AGE AND SEX											
Total	64,615	100.0	84.7	1.6	1.5	12.3	100.0	19.0	48.0	32.9	40.1
Male	41,195	100.0	90.8	1.5	1.0	6.8	100.0	13.2	45.8	41.1	42.9
14 to 17 years	1,284	100.0	12.8	1.8	1.0	84.3	100.0	88.5	8.1	3.3	16.2
18 and 19 years	1,202	100.0	61.5	3.0	3.1	32.3	100.0	41.3	34.0	24.6	32.9
20 to 24 years	4,136	100.0	88.0	1.7	1.7	8.5	100.0	15.6	45.1	39.2	41.4
25 to 34 years	8,907	100.0	96.6	1.4	.5	1.5	100.0	7.4	46.8	45.8	45.0
35 to 44 years	9,940	100.0	97.2	1.5	.6	.8	100.0	6.9	47.2	46.0	45.5
45 to 64 years	14,269	100.0	95.5	1.3	1.0	2.1	100.0	8.6	49.9	41.4	44.2
65 years and over	1,457	100.0	65.2	.8	2.3	31.8	100.0	37.8	35.1	27.2	35.1
Female	23,420	100.0	73.9	1.8	2.4	21.9	100.0	29.4	52.1	18.5	35.3
14 to 17 years	1,091	100.0	8.8	.3	1.5	89.4	100.0	91.3	6.5	2.2	12.6
18 and 19 years	1,195	100.0	69.9	1.2	4.5	24.4	100.0	33.1	55.2	11.7	33.2
20 to 24 years	2,976	100.0	84.1	1.6	1.8	12.6	100.0	19.2	63.9	17.0	37.2
25 to 34 years	3,840	100.0	78.0	1.9	2.3	18.0	100.0	26.3	56.4	17.5	36.0
35 to 44 years	5,084	100.0	75.4	2.0	2.1	20.5	100.0	27.6	52.9	19.5	36.3
45 to 64 years	8,378	100.0	78.3	2.1	2.7	17.0	100.0	25.5	52.9	21.7	37.3
65 years and over	855	100.0	57.7	.4	1.8	40.1	100.0	45.4	32.7	21.9	32.4
MARITAL STATUS AND SEX											
Male: Single	6,441	100.0	67.1	2.1	2.3	28.5	100.0	36.4	40.0	23.6	34.1
Married, wife present	32,771	100.0	95.4	1.4	.6	2.5	100.0	8.4	46.8	44.7	44.6
Other	1,983	100.0	90.0	1.2	2.7	6.0	100.0	14.8	47.9	37.2	42.5
Female: Single	5,598	100.0	69.6	1.4	2.0	27.0	100.0	33.1	51.6	15.3	32.7
Married, husband present	13,075	100.0	73.6	2.0	2.0	22.4	100.0	29.8	52.4	17.8	35.5
Other	4,748	100.0	79.9	1.6	3.9	14.6	100.0	23.9	51.7	24.4	37.8
COLOR AND SEX											
White	57,887	100.0	85.2	1.5	1.0	12.4	100.0	18.5	47.8	33.8	40.4
Male	37,349	100.0	91.0	1.4	.7	6.9	100.0	12.7	45.2	42.1	43.1
Female	20,538	100.0	74.6	1.6	1.4	22.4	100.0	28.7	52.6	18.7	35.4
Nonwhite	6,728	100.0	80.4	2.4	6.2	11.0	100.0	24.4	50.2	25.4	38.0
Male	3,846	100.0	88.4	2.2	3.9	5.5	100.0	17.3	51.4	31.2	40.5
Female	2,883	100.0	69.6	2.8	9.2	18.4	100.0	33.8	48.6	17.6	34.6

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

December 1964
(Percent distribution)

Hours of work	Total	Agriculture					Nonagricultural industries					
		Total	Wage and salary workers	Self-employed workers	Unpaid family workers	Total	Wage and salary workers			Self-employed workers	Unpaid family workers	
							Total	Private households	Government			Other
Total at work .. thousands	68,182	3,567	1,080	1,985	503	64,615	58,047	2,551	9,396	46,100	5,971	596
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 14 hours	20.0	37.7	36.2	33.2	58.4	19.0	18.5	68.4	14.3	16.6	21.5	42.4
1 to 14 hours	6.6	10.0	10.9	12.0	-	6.4	6.3	43.0	3.9	4.7	8.7	.1
15 to 21 hours	5.2	12.8	11.2	9.2	30.3	4.8	4.5	12.4	3.5	4.3	5.0	22.9
22 to 29 hours	3.9	8.7	7.4	7.3	17.0	3.6	3.6	8.1	2.6	3.6	3.1	9.5
30 to 34 hours	4.3	6.2	6.7	4.7	11.1	4.2	4.1	4.9	4.3	4.0	4.7	9.9
35 to 40 hours	46.4	17.0	17.8	15.8	19.6	48.0	51.1	17.0	58.3	51.6	20.9	24.1
35 to 39 hours	6.5	7.8	6.7	7.2	12.5	6.4	6.6	4.2	6.3	6.8	4.5	11.4
40 hours	39.9	9.2	11.1	8.6	7.1	41.6	44.5	12.8	52.0	44.8	16.4	12.7
41 hours and over	33.4	45.2	45.9	50.9	22.0	32.9	30.2	14.5	27.3	31.7	57.5	33.6
41 to 47 hours	8.2	5.3	6.7	4.9	4.4	8.4	8.5	3.9	7.8	8.9	7.0	4.6
48 hours	6.7	4.3	5.0	4.3	3.0	6.9	6.9	2.6	4.1	7.7	6.6	4.8
49 hours and over	18.5	35.6	34.2	41.7	14.6	17.6	14.8	8.0	15.4	15.1	43.9	24.2
49 to 54 hours	6.7	9.0	11.9	8.2	5.5	6.6	6.2	2.3	6.2	6.4	11.0	5.0
55 to 59 hours	3.0	4.5	4.5	5.4	1.0	2.9	2.8	1.0	2.8	2.9	4.1	2.2
60 to 69 hours	5.1	9.2	9.0	11.1	2.4	4.9	3.8	2.4	3.9	3.9	14.3	8.9
70 hours and over	3.7	12.9	8.8	17.0	5.7	3.2	2.0	2.3	2.5	1.9	14.5	8.1
Average hours, total at work	40.2	41.4	40.3	44.0	33.9	40.1	39.5	23.2	40.6	40.2	46.5	38.7

HOUSEHOLD DATA
SEASONALLY ADJUSTED

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

(In thousands)

Employment status	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964	Jan. 1964	Dec. 1963
Total labor force	77,253	77,157	76,924	76,902	77,066	76,970	77,084	77,343	77,328	76,503	76,567	76,388	75,964
Civilian labor force	74,527	74,426	74,187	74,159	74,315	74,230	74,340	74,595	74,583	73,760	73,835	73,667	73,224
Employed	70,857	70,699	70,325	70,334	70,488	70,591	70,387	70,754	70,559	69,807	69,832	69,567	69,205
Agriculture	4,535	4,670	4,745	4,800	4,810	4,885	4,838	4,865	4,748	4,600	4,797	4,936	4,890
Nonagricultural industries	66,322	66,029	65,580	65,534	65,678	65,706	65,549	65,889	65,811	65,207	65,035	64,631	64,315
Unemployed	3,670	3,727	3,862	3,825	3,827	3,639	3,953	3,841	4,024	3,953	4,003	4,100	4,019

Table A-25: Seasonally adjusted rates of unemployment

Selected unemployment rates	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964	Jan. 1964	Dec. 1963
Total (all civilian workers)	4.9	5.0	5.2	5.2	5.1	4.9	5.3	5.1	5.4	5.4	5.4	5.6	5.5
Men, 20 years and over	3.5	3.5	4.0	3.9	3.7	3.7	4.0	3.6	3.8	3.9	4.1	4.3	4.3
20-24 years	6.9	7.4	9.1	9.0	8.2	7.9	8.7	7.4	7.4	7.4	8.9	8.9	8.4
25 years and over	3.1	3.1	3.3	3.3	3.2	3.2	3.4	3.2	3.4	3.5	3.6	3.7	3.8
Women, 20 years and over	4.6	5.0	5.0	5.0	5.1	4.9	5.1	5.0	5.4	5.6	5.6	5.5	5.3
Both sexes, 14-19 years	15.4	14.9	14.4	14.2	15.0	13.1	15.0	15.9	16.2	14.4	13.8	14.9	14.7
Married men (wife present)	2.7	2.5	2.8	2.9	2.6	2.7	2.8	2.6	2.9	2.9	3.0	3.2	3.3
Experienced wage and salary workers	4.5	4.8	5.0	4.9	4.9	4.8	5.3	4.8	5.0	5.1	5.2	5.3	5.3
Labor force time lost	5.3	5.2	5.7	5.8	5.7	5.7	6.1	5.7	5.9	5.8	6.1	6.2	6.1

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

(In thousands)

Duration of unemployment	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964	Jan. 1964	Dec. 1963
Less than 5 weeks	1,705	1,658	1,799	1,823	1,832	1,617	1,878	1,867	1,921	1,854	1,619	1,861	1,814
5 to 14 weeks	1,064	1,089	1,129	1,109	1,135	1,139	1,108	1,095	1,214	1,031	1,187	1,104	1,217
15 weeks and over:													
Number	883	931	945	929	902	958	1,070	934	927	1,047	1,007	1,105	1,022
Percent of civilian labor force	1.2	1.3	1.3	1.3	1.2	1.3	1.4	1.3	1.2	1.4	1.4	1.5	1.4

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

(In thousands)

Employment status, age and sex	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964	Jan. 1964	Dec. 1963
Civilian labor force	74,527	74,426	74,187	74,159	74,315	74,230	74,340	74,595	74,583	73,760	73,835	73,667	73,224
Men, 20 years and over	44,626	44,571	44,599	44,637	44,649	44,762	44,582	44,664	44,635	44,398	44,452	44,477	44,232
Women, 20 years and over	23,334	23,195	23,086	22,912	23,131	22,955	23,200	23,234	23,379	22,874	23,022	22,832	22,753
Both sexes, 14 to 19 years	6,567	6,660	6,502	6,610	6,535	6,513	6,558	6,697	6,569	6,488	6,361	6,358	6,239
Employed, all industries	70,857	70,699	70,325	70,334	70,488	70,591	70,387	70,754	70,559	69,807	69,832	69,567	69,205
Men, 20 years and over	43,045	43,000	42,830	42,901	42,992	43,099	42,798	43,054	42,937	42,660	42,626	42,583	42,324
Women, 20 years and over	22,257	22,030	21,928	21,761	21,940	21,831	22,015	22,066	22,118	21,595	21,725	21,573	21,557
Both sexes, 14 to 19 years	5,555	5,669	5,567	5,672	5,556	5,661	5,574	5,634	5,504	5,552	5,481	5,411	5,324
Employed, nonagricultural industries	66,322	66,029	65,580	65,534	65,678	65,706	65,549	65,889	65,811	65,207	65,035	64,631	64,315
Men, 20 years and over	39,874	39,778	39,501	39,542	39,647	39,711	39,400	39,750	39,696	39,513	39,332	39,161	38,950
Women, 20 years and over	21,481	21,251	21,203	21,033	21,168	21,060	21,296	21,267	21,315	20,899	20,937	20,807	20,748
Both sexes, 14 to 19 years	4,967	5,000	4,876	4,959	4,863	4,935	4,853	4,872	4,800	4,795	4,766	4,663	4,617
Unemployed	3,670	3,727	3,862	3,825	3,827	3,639	3,953	3,841	4,024	3,953	4,003	4,100	4,019
Men, 20 years and over	1,581	1,571	1,769	1,736	1,657	1,663	1,784	1,610	1,698	1,738	1,826	1,894	1,908
Women, 20 years and over	1,077	1,165	1,158	1,151	1,191	1,124	1,185	1,168	1,261	1,279	1,297	1,259	1,196
Both sexes, 14 to 19 years	1,012	991	935	938	979	852	984	1,063	1,065	936	880	947	915

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

(In thousands)

Full- or part-time status	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964	Jan. 1964	Dec. 1963
On full-time schedules	53,577	53,303	52,443	52,685	53,033	53,273	52,502	52,697	53,041	52,821	52,711	52,165	52,027
On part time for economic reasons	2,115	1,938	2,109	2,140	2,103	2,171	2,250	2,148	2,146	2,130	2,250	2,121	2,180
Usually work full time	1,037	890	973	978	900	995	1,100	932	992	1,003	1,085	957	1,023
Usually work part time	1,078	1,048	1,136	1,162	1,203	1,176	1,150	1,216	1,154	1,127	1,165	1,164	1,157
On part time for noneconomic reasons; usually work part time	7,290	7,131	7,383	6,899	7,297	7,570	7,554	7,473	7,431	7,106	7,030	7,044	6,827

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	15,211	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	2,960	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	6,550	
1963.....	56,643	635	2,983	17,005	3,914	11,803	3,119	8,685	2,873	8,230	9,199	2,358	6,841	
1964.....	58,178	636	3,105	17,301	3,974	12,184	3,219	8,965	2,945	8,532	9,501	2,348	7,153	
1963:														
December..	58,012	634	2,872	17,096	3,935	12,725	3,210	9,515	2,887	8,299	9,564	2,482	7,082	
1964:														
January..	56,328	618	2,579	16,893	3,877	11,855	3,172	8,683	2,882	8,233	9,391	2,323	7,068	
February..	56,445	614	2,631	16,937	3,880	11,772	3,156	8,616	2,891	8,277	9,443	2,321	7,122	
March....	56,783	615	2,707	17,005	3,885	11,862	3,156	8,706	2,901	8,328	9,480	2,323	7,157	
April....	57,329	627	2,921	17,058	3,924	11,919	3,161	8,758	2,919	8,453	9,508	2,334	7,174	
May.....	57,874	634	3,130	17,135	3,952	12,031	3,170	8,861	2,931	8,548	9,513	2,332	7,181	
June.....	58,596	651	3,308	17,350	4,005	12,180	3,211	8,969	2,964	8,654	9,484	2,344	7,140	
July.....	58,418	646	3,424	17,299	4,031	12,173	3,245	8,928	2,998	8,698	9,149	2,355	7,194	
August...	58,680	647	3,482	17,498	4,043	12,201	3,266	8,935	2,998	8,676	9,135	2,356	7,189	
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.	59,437	644	3,278	17,649	4,013	12,514	3,272	9,242	2,958	8,604	9,777	2,352	7,425	
December.	59,827	642	3,035	17,573	4,007	13,119	3,289	9,830	2,961	8,575	9,915	2,490	7,425	

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.
Data for the 2 most recent months and 1964 annual averages are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
TOTAL	59,827	59,437	59,164	58,012	57,647	-	-	-	-	-
MINING	642	644	644	634	639	-	507	507	497	502
METAL MINING	-	85.3	83.9	80.4	81.2	-	71.2	69.7	66.7	67.6
Iron ores.....	-	27.6	28.0	25.0	25.8	-	23.5	23.8	21.1	22.0
Copper ores.....	-	29.4	27.9	27.9	27.7	-	24.2	22.7	22.9	22.7
COAL MINING	-	144.9	144.7	150.6	150.7	-	127.8	127.4	132.9	132.8
Bituminous.....	-	133.7	133.6	139.3	139.3	-	117.9	117.6	122.8	122.7
CRUDE PETROLEUM AND NATURAL GAS	-	289.7	288.0	289.4	286.4	-	204.6	202.9	204.0	202.0
Crude petroleum and natural gas fields.....	-	159.2	159.6	162.3	162.1	-	90.9	91.1	93.1	93.7
Oil and gas field services.....	-	130.5	128.4	127.1	124.3	-	113.7	111.8	110.9	108.3
QUARRYING AND NONMETALLIC MINING	-	124.0	127.1	113.9	120.5	-	103.7	106.6	93.2	99.8
CONTRACT CONSTRUCTION	3,035	3,278	3,376	2,872	3,121	-	2,814	2,912	2,426	2,674
GENERAL BUILDING CONTRACTORS	-	1,044.7	1,056.9	891.4	973.1	-	904.4	917.2	758.6	840.2
HEAVY CONSTRUCTION	-	641.9	701.0	528.6	627.1	-	561.6	619.3	450.7	549.0
Highway and street construction.....	-	333.9	381.8	256.7	332.9	-	299.7	347.2	223.1	298.8
Other heavy construction.....	-	308.0	319.2	271.9	294.2	-	261.9	272.1	227.6	250.2
SPECIAL TRADE CONTRACTORS	-	1,591.3	1,617.8	1,451.9	1,520.4	-	1,347.5	1,375.0	1,216.3	1,285.1
MANUFACTURING	17,573	17,649	17,428	17,096	17,193	13,059	13,142	12,915	12,631	12,722
DURABLE GOODS	10,080	10,082	9,806	9,723	9,752	7,460	7,470	7,190	7,121	7,147
NONDURABLE GOODS	7,493	7,567	7,622	7,373	7,441	5,599	5,672	5,725	5,510	5,575
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	247.8	246.1	246.6	277.6	275.9	104.2	103.4	102.7	116.7	116.8
Ammunition, except for small arms.....	188.0	186.3	186.8	208.9	206.4	67.2	66.4	65.7	74.2	73.8
Sighting and fire control equipment.....	-	12.1	12.2	16.1	16.5	-	5.1	5.1	6.7	6.7
Other ordnance and accessories.....	48.1	47.7	47.6	52.6	53.0	32.2	31.9	31.9	35.8	36.3
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	587.6	597.1	605.9	585.1	599.1	524.7	534.5	543.4	522.4	535.8
Logging camps and logging contractors.....	84.1	88.7	92.0	83.8	89.3	79.4	83.8	87.0	78.2	83.5
Sawmills and planing mills.....	251.7	254.7	257.3	251.1	257.4	229.6	232.9	235.5	229.2	234.9
Sawmills and planing mills, general.....	-	218.4	221.6	215.8	222.2	-	199.9	203.0	196.8	202.7
Millwork, plywood, and related products.....	150.2	151.8	153.9	151.3	153.0	126.8	128.4	130.4	128.1	129.9
Millwork.....	-	66.8	68.5	68.5	69.3	-	54.0	55.6	55.4	56.4
Veneer and plywood.....	-	68.9	68.5	67.3	67.3	-	63.4	63.1	62.2	62.2
Wooden containers.....	36.4	36.5	36.4	35.7	35.6	32.6	32.8	32.8	32.2	32.2
Wooden boxes, shooks, and crates.....	-	28.0	28.3	27.4	27.0	-	25.2	25.5	24.7	24.4
Miscellaneous wood products.....	65.2	65.4	66.3	63.2	63.8	56.3	56.6	57.7	54.7	55.3

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

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Durable Goods--Continued</i>										
FURNITURE AND FIXTURES	412.3	414.6	415.6	393.6	396.3	343.9	345.0	346.6	327.6	330.4
Household furniture	303.4	304.3	303.5	286.2	287.0	260.7	261.1	260.7	245.2	246.1
Wood house furniture, unupholstered	-	159.4	158.1	148.6	148.9	-	142.4	141.5	132.6	132.9
Wood house furniture, upholstered	-	76.2	75.7	73.0	73.1	-	64.0	63.5	61.3	61.4
Mattresses and bedsprings	-	35.0	35.4	33.2	33.7	-	27.4	27.9	25.9	26.4
Office furniture	-	27.6	27.7	27.3	27.6	-	21.6	21.8	21.6	21.9
Partitions; office and store fixtures	-	37.7	39.0	36.5	38.1	-	27.6	28.9	27.0	28.5
Other furniture and fixtures	44.6	45.0	45.4	43.6	43.6	34.3	34.7	35.2	33.8	33.9
STONE, CLAY, AND GLASS PRODUCTS	605.3	625.2	630.1	597.0	612.9	486.4	506.7	510.8	480.3	495.1
Flat glass	-	34.3	34.4	32.6	32.8	-	28.0	27.9	26.5	26.7
Glass and glassware, pressed or blown	112.5	114.8	115.5	109.2	110.7	98.0	100.4	100.9	95.3	96.0
Glass containers	-	61.9	62.8	59.5	61.1	-	54.5	55.3	52.2	53.8
Pressed and blown glassware, n.e.c.	-	52.9	52.7	49.7	49.6	-	45.9	45.6	43.1	42.2
Cement, hydraulic	37.5	38.9	39.6	37.3	39.1	29.4	30.5	31.0	29.2	30.9
Structural clay products	66.9	68.7	68.7	67.8	69.1	56.5	58.2	58.3	57.4	58.8
Brick and structural clay tile	-	30.2	30.3	30.6	31.3	-	26.6	26.8	27.2	27.9
Pottery and related products	-	42.1	41.8	43.7	44.5	-	35.5	35.2	37.2	38.0
Concrete, gypsum, and plaster products	164.0	176.0	179.7	163.7	173.0	127.0	139.3	142.8	126.8	135.9
Other stone and mineral products	128.0	129.2	129.1	123.2	123.7	95.9	97.5	97.4	91.9	92.4
Abrasive products	-	24.2	24.1	23.4	23.5	-	15.6	15.5	14.6	14.6
PRIMARY METAL INDUSTRIES	1,267.6	1,257.5	1,244.1	1,170.1	1,158.2	1,036.6	1,027.9	1,013.1	945.7	933.1
Blast furnace and basic steel products	653.8	645.2	642.3	579.7	571.9	538.8	531.3	526.8	469.1	461.4
Blast furnaces, steel and rolling mills	-	572.6	569.3	510.1	503.5	-	473.7	469.7	414.7	408.4
Iron and steel foundries	219.5	218.4	209.4	202.8	201.1	188.5	187.7	178.9	173.4	171.1
Gray iron foundries	-	130.3	122.2	121.6	120.9	-	112.8	104.7	104.9	104.1
Malleable iron foundries	-	26.2	25.5	23.6	23.8	-	22.5	21.9	20.1	19.8
Steel foundries	-	61.9	61.7	57.6	56.4	-	52.4	52.3	48.4	47.2
Nonferrous smelting and refining	70.6	71.3	71.1	69.7	70.0	54.9	55.2	54.9	53.8	54.0
Nonferrous rolling, drawing, and extruding	187.2	187.1	186.2	186.4	184.8	142.6	142.6	141.8	142.4	140.8
Copper rolling, drawing, and extruding	-	46.8	47.0	46.7	46.2	-	35.9	36.1	35.9	35.6
Aluminum rolling, drawing, and extruding	-	60.6	59.9	61.2	60.8	-	46.1	45.4	46.7	46.2
Nonferrous wire drawing and insulating	-	61.4	61.0	60.8	60.9	-	47.8	47.5	47.5	47.5
Nonferrous foundries	75.3	74.8	74.9	72.4	71.7	62.7	62.4	62.4	60.1	59.4
Aluminum castings	-	36.5	36.8	36.4	36.1	-	30.9	31.1	30.7	30.4
Other nonferrous castings	-	38.3	38.1	36.0	35.6	-	31.5	31.3	29.4	29.0
Miscellaneous primary metal industries	61.2	60.7	60.2	59.1	58.7	49.1	48.7	48.3	46.9	46.4
Iron and steel forgings	-	42.1	41.8	41.4	41.1	-	34.4	34.1	33.2	32.8
FABRICATED METAL PRODUCTS	1,226.3	1,223.4	1,197.1	1,175.3	1,178.7	945.8	944.7	918.2	903.9	907.7
Metal cans	59.0	59.7	60.3	58.6	59.4	49.4	50.0	50.6	48.9	49.8
Cutlery, hand tools, and general hardware	154.4	153.4	136.7	144.9	143.5	121.7	121.3	105.2	114.7	113.8
Cutlery and hand tools, including saws	-	57.3	56.6	55.6	54.8	-	45.1	44.7	43.8	43.1
Hardware, n.e.c.	-	96.1	80.1	89.3	88.7	-	76.2	60.5	70.9	70.7
Heating equipment and plumbing fixtures	77.6	79.1	81.1	78.7	78.8	58.4	59.6	61.3	59.4	59.6
Sanitary ware and plumbers' brass goods	-	35.3	35.9	34.5	34.5	-	28.8	29.4	28.0	28.0
Heating equipment, except electric	-	43.8	45.2	44.2	44.3	-	30.8	31.9	31.4	31.6
Fabricated structural metal products	361.5	364.5	366.3	340.0	345.5	257.9	261.4	263.6	240.7	245.9
Fabricated structural steel	-	100.0	100.3	93.4	94.4	-	73.8	74.5	68.5	69.5
Metal doors, sash, frames, and trim	-	68.7	70.2	63.6	65.6	-	49.6	50.9	45.8	47.7
Fabricated plate work (boiler shops)	-	92.4	91.8	86.5	87.1	-	62.4	61.9	56.4	57.0
Sheet metal work	-	63.2	63.6	59.2	60.3	-	47.0	47.4	43.4	44.5
Architectural and miscellaneous metal work	-	40.2	40.4	37.3	38.1	-	28.6	28.9	26.6	27.2
Screw machine products, bolts, etc.	93.7	93.0	92.2	90.4	89.7	73.8	73.2	72.5	70.8	70.3
Screw machine products	-	39.8	39.4	38.9	38.5	-	33.6	33.2	32.5	32.2
Bolts, nuts, screws, rivets, and washers	-	53.2	52.8	51.5	51.2	-	39.6	39.3	38.3	38.1
Metal stampings	210.9	205.6	192.9	204.4	204.5	172.6	168.1	154.0	167.1	167.1
Coating, engraving, and allied services	76.3	75.6	77.5	73.3	73.8	64.2	63.5	65.5	61.5	62.1
Miscellaneous fabricated wire products	60.7	60.7	60.0	56.8	56.2	48.9	49.0	48.4	45.5	44.9
Miscellaneous fabricated metal products	132.2	131.8	130.1	128.2	127.3	98.9	98.6	97.1	95.3	94.2
Valves, pipe, and pipe fittings	-	77.5	77.0	76.0	74.8	-	56.1	55.7	54.2	53.2

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Durable Goods--Continued</i>										
MACHINERY	1,648.9	1,625.4	1,627.8	1,561.5	1,542.9	1,148.3	1,128.9	1,131.8	1,082.8	1,064.8
Engines and turbines	87.3	86.2	86.1	85.5	85.3	58.8	57.9	57.7	56.9	56.6
Steam engines and turbines	-	31.8	32.3	34.2	34.4	-	17.5	18.0	19.2	19.4
Internal combustion engines, n.e.c.	-	54.4	53.8	51.3	50.9	-	40.4	39.7	37.7	37.2
Farm machinery and equipment	-	118.8	122.2	119.5	116.4	-	85.3	87.9	86.6	83.6
Construction and related machinery	238.0	232.1	235.4	222.0	219.9	162.6	157.8	160.8	149.4	147.1
Construction and mining machinery	-	124.5	128.4	121.4	120.5	-	87.2	90.6	84.5	83.4
Oil field machinery and equipment	-	35.9	35.6	33.0	32.8	-	24.3	24.2	21.8	21.6
Conveyors, hoists, and industrial cranes	-	33.8	33.6	31.9	31.2	-	22.3	22.2	21.2	20.6
Metalworking machinery and equipment	292.8	289.0	289.1	277.6	272.1	219.3	216.4	216.8	209.1	203.4
Machine tools, metal cutting types	-	72.5	71.9	66.7	65.3	-	50.7	50.1	46.5	45.1
Special dies, tools, jigs, and fixtures	-	98.6	97.1	97.5	95.5	-	80.1	79.3	80.4	78.2
Machine tool accessories	-	49.2	48.9	47.3	46.8	-	36.0	35.8	34.4	34.0
Miscellaneous metalworking machinery	-	68.7	71.2	65.9	64.5	-	49.6	51.6	47.8	46.1
Special industry machinery	177.9	176.9	175.9	170.9	170.5	122.4	121.9	120.9	117.1	116.4
Food products machinery	-	36.7	35.8	36.0	36.2	-	23.7	22.7	23.3	23.3
Textile machinery	-	39.8	39.4	37.9	37.6	-	30.8	30.5	29.0	28.7
General industrial machinery	257.2	253.8	253.3	240.4	236.9	173.1	170.1	169.8	159.4	156.2
Pumps; air and gas compressors	-	71.2	71.3	68.0	66.4	-	40.6	40.8	38.3	36.8
Ball and roller bearings	-	56.3	56.2	53.0	51.8	-	44.4	44.3	41.3	40.2
Mechanical power transmission goods	-	49.5	49.3	45.9	45.2	-	37.0	36.7	33.7	33.4
Office, computing, and accounting machines	171.7	171.5	169.8	164.5	162.5	99.1	98.7	97.9	95.3	94.3
Computing machines and cash registers	-	127.3	125.5	120.9	119.5	-	68.6	67.7	65.3	64.7
Service industry machines	106.6	105.7	105.1	101.5	101.4	73.8	72.8	72.2	69.1	68.8
Refrigeration, except home refrigerators	-	65.8	65.1	62.8	62.6	-	45.6	44.7	42.9	42.6
Miscellaneous machinery	192.4	191.4	190.9	179.6	177.9	148.9	148.0	147.8	139.9	138.4
Machine shops, jobbing and repair	-	127.3	127.6	120.3	119.6	-	100.4	101.1	95.3	94.6
Machine parts, n.e.c., except electrical	-	64.1	63.3	59.3	58.3	-	47.6	46.7	44.6	43.8
ELECTRICAL EQUIPMENT AND SUPPLIES	1,599.6	1,595.1	1,582.4	1,554.2	1,558.8	1,089.0	1,086.7	1,074.7	1,039.7	1,043.0
Electric distribution equipment	177.6	176.1	176.1	169.2	168.9	119.7	118.8	118.8	111.8	111.9
Electric measuring instruments	-	57.9	57.9	57.0	56.4	-	37.9	37.9	37.3	37.1
Power and distribution transformers	-	45.1	45.6	42.4	42.3	-	31.6	32.0	29.2	29.1
Switchgear and switchboard apparatus	-	73.1	72.6	69.8	70.2	-	49.3	48.9	45.3	45.7
Electrical industrial apparatus	190.1	189.4	187.2	179.1	178.8	131.2	130.5	129.1	122.7	122.5
Motors and generators	-	102.7	101.3	98.5	98.4	-	72.0	70.9	68.7	68.4
Industrial controls	-	51.1	50.5	48.2	48.2	-	33.0	32.9	31.6	31.7
Household appliances	162.5	162.2	160.3	160.2	161.8	127.4	127.0	124.6	123.7	125.0
Household refrigerators and freezers	-	52.5	50.3	50.6	49.6	-	42.9	40.4	39.8	38.6
Household laundry equipment	-	26.1	26.0	25.4	26.3	-	20.2	20.1	19.7	20.5
Electric housewares and fans	-	36.4	36.5	36.0	37.8	-	28.2	28.6	27.8	29.5
Electric lighting and wiring equipment	160.4	160.3	159.5	151.8	153.1	125.8	126.0	124.9	118.7	119.8
Electric lamps	-	31.0	30.8	30.2	30.0	-	27.3	27.1	26.3	26.1
Lighting fixtures	-	58.0	57.8	52.7	53.9	-	45.3	45.3	40.7	41.8
Wiring devices	-	71.3	70.9	68.9	69.2	-	53.4	52.5	51.7	51.9
Radio and TV receiving sets	121.3	125.5	127.7	114.7	117.6	95.1	99.3	101.2	88.3	91.5
Communication equipment	411.8	409.1	406.1	419.0	417.7	209.2	207.0	204.6	207.7	205.8
Telephone and telegraph apparatus	-	116.1	114.5	103.6	100.2	-	79.3	78.0	68.7	65.5
Radio and TV communication equipment	-	293.0	291.6	315.4	317.5	-	127.7	126.6	139.0	140.3
Electronic components and accessories	277.5	277.1	273.4	260.1	261.4	205.7	205.4	202.3	190.7	191.1
Electron tubes	-	68.3	67.8	65.6	65.2	-	46.2	45.6	43.5	42.7
Electronic components, n.e.c.	-	208.8	205.6	194.5	196.2	-	159.2	156.7	147.2	148.4
Miscellaneous electrical equipment and supplies	98.4	95.4	92.1	100.1	99.5	74.9	72.7	69.2	76.1	75.4
Electrical equipment for geodes	-	50.3	49.7	55.7	55.5	-	38.4	37.3	42.2	41.9
TRANSPORTATION EQUIPMENT	1,704.0	1,693.7	1,453.2	1,656.7	1,651.8	1,217.1	1,205.9	963.6	1,161.0	1,155.6
Motor vehicles and equipment	(*)	835.7	607.8	790.6	785.0	(*)	657.0	426.6	618.4	613.5
Motor vehicles	-	351.9	242.9	325.4	323.4	-	266.7	155.8	243.1	241.2
Passenger car bodies	-	69.3	23.3	64.7	63.8	-	57.3	11.3	53.2	52.3
Truck and bus bodies	-	33.2	29.7	32.6	33.1	-	26.7	23.2	26.4	27.0
Motor vehicle parts and accessories	-	361.5	291.6	345.9	342.5	-	291.6	221.3	279.1	276.1
Aircraft and parts	600.6	599.1	596.6	637.8	636.5	340.1	336.3	333.8	356.6	353.9
Aircraft	-	313.7	311.8	338.9	338.0	-	172.5	171.1	185.1	182.8
Aircraft engines and engine parts	-	187.2	186.3	197.7	198.4	-	99.2	97.9	105.3	105.9
Other aircraft parts and equipment	-	98.2	98.5	101.2	100.1	-	64.6	64.8	66.2	65.2
Ship and boat building and repairing	150.0	151.8	148.7	136.1	138.3	125.4	126.6	124.2	113.3	115.6
Ship building and repairing	-	125.8	123.4	109.9	112.1	-	105.1	103.3	91.6	93.8
Boat building and repairing	-	26.0	25.3	26.2	26.2	-	21.5	20.9	21.7	21.8
Railroad equipment	-	55.8	48.3	48.8	48.2	-	43.7	36.1	37.5	36.9
Other transportation equipment	-	51.3	51.8	43.4	43.8	-	42.3	42.9	35.2	35.7

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

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Durable Goods--Continued</i>										
INSTRUMENTS AND RELATED PRODUCTS	373.5	373.9	370.4	368.5	369.0	237.1	238.2	234.4	234.2	235.0
Engineering and scientific instruments	-	67.1	66.8	71.6	71.8	-	34.9	34.3	37.5	37.9
Mechanical measuring and control devices	97.0	97.6	95.4	95.4	93.7	63.5	64.2	61.9	62.1	60.7
Mechanical measuring devices	-	60.2	58.4	59.1	57.5	-	37.7	35.9	37.1	35.6
Automatic temperature controls	-	37.4	37.0	36.3	36.2	-	26.5	26.0	25.0	25.1
Optical and ophthalmic goods	46.5	46.1	45.5	43.3	43.3	32.7	32.8	32.4	30.9	31.2
Surgical, medical, and dental equipment	55.7	55.5	54.8	53.3	53.5	38.4	38.3	37.6	37.0	37.2
Photographic equipment and supplies	(*)	78.2	78.0	75.2	75.8	(*)	44.5	44.2	42.6	42.7
Watches and clocks	-	29.4	29.9	29.7	30.9	-	23.5	24.0	24.1	25.3
MISCELLANEOUS MANUFACTURING INDUSTRIES	406.9	429.8	432.6	383.8	407.9	326.5	347.7	351.1	306.7	330.1
Jewelry, silverware, and plated ware	47.0	47.1	46.9	43.2	43.6	37.2	37.1	37.2	33.6	33.7
Toys, amusement, and sporting goods	-	126.7	129.6	97.0	114.5	-	107.5	110.7	79.2	97.0
Toys, games, dolls, and play vehicles	-	87.3	90.0	58.4	75.5	-	76.0	79.2	48.5	65.8
Sporting and athletic goods, n.e.c.	-	39.4	39.6	38.6	39.0	-	31.5	31.5	30.7	31.2
Pens, pencils, office, and art materials	-	33.7	33.6	32.7	32.9	-	25.1	25.1	24.5	24.7
Costume jewelry, buttons, and notions	-	55.8	55.4	53.3	54.8	-	46.7	46.2	44.1	45.4
Other manufacturing industries	164.5	166.5	167.1	157.6	162.1	129.5	131.3	131.9	125.3	129.3
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	1,704.1	1,749.6	1,810.6	1,716.3	1,758.7	1,125.2	1,164.7	1,223.6	1,135.0	1,175.2
Meat products	319.0	323.7	316.4	317.7	319.9	257.6	261.0	253.4	256.4	258.2
Meat packing	-	201.7	195.7	197.3	197.1	-	158.0	151.8	155.5	154.8
Sausages and other prepared meats	-	46.3	45.2	46.5	46.5	-	33.5	32.3	33.2	33.3
Poultry dressing and packing	-	75.7	75.5	73.9	76.3	-	69.5	69.3	67.7	70.1
Dairy products	279.5	280.4	283.5	285.6	287.1	131.7	132.3	134.0	137.8	139.2
Ice cream and frozen desserts	-	28.6	30.3	29.9	30.2	-	15.0	15.8	15.4	15.8
Fluid milk	-	202.4	203.1	206.6	207.4	-	79.9	80.3	84.5	85.3
Canned and preserved food, except meats	-	235.3	235.9	208.8	235.0	-	196.6	257.0	170.5	196.2
Canned, cured, and frozen sea foods	-	40.0	43.1	38.8	38.8	-	34.5	37.9	33.5	33.9
Canned food, except sea foods	-	115.8	163.7	98.5	114.7	-	94.1	141.6	76.5	92.0
Frozen food, except sea foods	-	47.2	52.2	41.6	47.5	-	42.2	47.2	37.0	42.8
Grain mill products	123.5	123.6	128.0	127.9	128.3	85.7	85.9	90.1	88.3	88.9
Flour and other grain mill products	-	32.0	32.4	33.6	33.8	-	21.7	21.9	22.7	22.8
Prepared feeds for animals and fowls	-	54.1	56.9	56.0	56.3	-	36.1	38.9	37.0	37.6
Bakery products	289.6	291.2	290.3	288.3	289.6	167.8	169.4	168.6	166.0	167.4
Bread, cake, and perishable products	-	248.2	246.1	245.3	246.2	-	133.5	131.7	130.9	131.5
Biscuit, crackers, and pretzels	-	43.0	44.2	43.0	43.4	-	35.9	36.9	35.7	35.9
Sugar	-	50.0	50.7	48.8	52.2	-	42.7	43.1	42.0	45.1
Confectionery and related products	79.1	81.3	80.2	82.0	84.1	64.8	66.4	65.5	65.5	67.9
Candy and other confectionery products	-	67.1	66.0	67.2	69.0	-	56.2	55.2	54.5	56.6
Beverages	217.1	219.0	220.8	213.7	215.9	112.3	113.8	115.6	112.2	113.5
Malt liquors	-	60.9	60.4	63.1	63.3	-	40.2	39.9	42.0	41.7
Bottled and canned soft drinks	-	114.2	114.7	110.3	110.0	-	41.8	42.2	41.6	40.9
Miscellaneous food and kindred products	143.3	145.1	144.8	143.5	146.6	95.0	96.6	96.3	95.7	98.8
TOBACCO MANUFACTURES	94.4	96.3	107.6	93.6	97.5	81.9	84.6	95.4	81.6	85.4
Cigarettes	-	37.9	37.8	38.3	38.1	-	31.6	31.4	32.0	31.8
Cigars	-	25.4	25.7	22.8	23.3	-	23.9	24.1	21.2	21.7
TEXTILE MILL PRODUCTS	903.5	910.0	906.6	887.3	894.1	806.9	813.1	811.1	794.2	801.0
Cotton broad woven fabrics	232.5	232.0	231.2	229.7	229.2	214.3	213.6	212.8	212.5	212.0
Silk and synthetic broad woven fabrics	88.4	87.8	87.4	87.0	86.7	79.6	79.1	78.8	78.8	78.3
Weaving and finishing broad woolsens	44.3	45.3	45.4	47.3	47.2	38.6	39.5	39.7	41.5	41.3
Narrow fabrics and small wares	30.0	29.8	29.4	28.3	28.3	26.6	26.3	26.1	24.9	25.0
Knitting	217.1	223.6	224.2	209.5	217.7	194.0	200.2	201.4	187.3	195.5
Full-fashioned hosiery	-	13.3	13.1	12.4	12.6	-	11.8	11.6	10.9	11.1
Seamless hosiery	-	84.4	84.1	82.9	84.2	-	77.7	77.5	76.5	77.8
Knit outerwear	-	69.7	70.7	59.6	65.3	-	60.9	62.2	51.5	57.2
Knit underwear	-	32.4	32.2	32.0	32.0	-	29.3	29.1	28.9	28.9
Finishing textiles, except wool and knit	77.2	77.2	76.9	76.4	76.2	65.9	66.2	66.0	65.6	65.3
Floor covering	-	38.8	38.3	37.7	37.8	-	32.2	31.8	31.3	31.5
Yarn and thread	107.8	107.6	107.0	104.0	103.2	99.7	99.7	99.0	95.9	95.2
Miscellaneous textile goods	68.6	67.9	66.8	67.4	67.8	57.1	56.3	55.5	56.4	56.9

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 ¹				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Nondurable Goods--Continued</i>										
APPAREL AND RELATED PRODUCTS	1,327.3	1,343.0	1,337.3	1,280.8	1,293.3	1,180.3	1,196.3	1,189.2	1,135.0	1,146.5
Men's and boys' suits and coats	116.0	114.5	114.0	113.4	111.4	103.8	102.3	102.0	101.4	99.3
Men's and boys' furnishings	343.6	343.5	341.9	323.9	326.9	311.0	311.6	309.8	293.3	296.2
Men's and boys' shirts and nightwear	-	125.1	124.9	120.7	122.6	-	113.5	113.2	108.6	110.3
Men's and boys' separate trousers	-	66.3	64.7	64.2	63.7	-	62.4	60.7	60.5	59.9
Work clothing	-	78.4	78.3	73.4	73.1	-	70.0	70.0	65.9	65.7
Women's, misses', and juniors' outerwear	396.3	403.0	402.5	389.4	390.1	355.9	361.7	360.8	346.1	346.5
Women's blouses, waists, and shirts	-	52.6	52.0	50.1	51.5	-	48.5	47.9	45.4	46.7
Women's, misses', and juniors' dresses	-	189.4	191.6	190.9	193.2	-	169.4	171.4	170.0	172.1
Women's suits, skirts, and coats	-	90.6	90.6	81.3	79.9	-	81.6	81.4	71.8	70.3
Women's and misses' outerwear, n.e.c.	-	70.4	68.3	67.1	65.5	-	62.2	60.1	58.9	57.4
Women's and children's undergarments	123.2	125.1	125.2	119.2	123.2	108.9	110.8	111.1	105.8	109.8
Women's and children's underwear	-	81.9	82.5	76.9	80.6	-	74.7	75.4	70.4	74.1
Corsets and allied garments	-	43.2	42.7	42.3	42.6	-	36.1	35.7	35.4	35.7
Hats, caps, and millinery	-	31.2	32.3	31.7	30.7	-	27.7	28.6	27.9	26.8
Girls' and children's outerwear	75.3	76.7	77.5	74.7	75.2	66.7	68.4	69.3	66.7	66.9
Children's dresses, blouses, and shirts	-	35.1	34.9	34.8	35.7	-	31.7	31.5	31.5	32.1
Fur goods and miscellaneous apparel	-	79.0	79.7	72.0	76.2	-	69.0	69.8	62.3	66.2
Miscellaneous fabricated textile products	165.5	170.0	164.2	156.5	159.6	139.4	144.8	137.8	131.5	134.8
Housefurnishings	-	61.9	62.0	56.9	58.4	-	53.1	53.0	48.1	49.7
PAPER AND ALLIED PRODUCTS	634.9	638.4	638.0	625.2	625.7	494.4	499.3	499.4	490.5	491.3
Paper and pulp	214.9	217.6	217.7	218.2	218.0	168.8	173.1	173.2	175.0	174.8
Paperboard	65.8	65.8	66.9	65.7	65.7	52.2	52.4	53.5	52.2	52.4
Converted paper and paperboard products	154.6	155.2	154.8	149.7	149.0	114.5	114.8	114.2	111.0	110.5
Bags, except textile bags	-	36.1	36.2	36.1	36.0	-	29.0	29.1	29.3	29.3
Paperboard containers and boxes	199.6	199.8	198.6	191.6	193.0	158.9	159.0	158.5	152.3	153.6
Folding and setup paperboard boxes	-	68.5	68.0	65.7	66.6	-	56.5	56.0	54.4	55.2
Corrugated and solid fiber boxes	-	86.7	85.5	81.9	82.3	-	66.9	66.3	62.8	63.3
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	967.4	964.1	961.9	948.9	943.8	614.2	612.8	610.5	602.7	598.3
Newspaper publishing and printing	344.5	340.4	339.5	338.4	335.8	175.5	172.9	172.2	172.2	170.0
Periodical publishing and printing	-	68.9	68.9	68.5	68.3	-	25.8	26.2	26.5	26.6
Books	-	74.4	74.2	73.5	72.4	-	45.6	45.3	44.6	43.5
Commercial printing	311.7	310.6	310.4	303.4	302.6	244.4	243.5	243.2	238.2	237.3
Commercial printing, except lithographic	-	207.1	206.9	202.8	202.5	-	164.1	163.5	160.7	160.0
Commercial printing, lithographic	-	92.4	92.5	90.1	89.5	-	70.5	70.8	69.0	68.7
Bookbinding and related industries	50.7	51.3	51.5	50.3	50.0	40.9	41.6	41.5	40.4	40.0
Other publishing and printing industries	117.3	118.5	117.4	114.8	114.7	82.3	83.4	82.1	80.8	80.9
CHEMICALS AND ALLIED PRODUCTS	878.5	878.2	875.9	864.1	864.8	525.4	526.7	524.8	522.2	522.7
Industrial chemicals	284.4	284.1	282.6	283.0	283.4	162.3	162.1	160.4	162.6	162.9
Plastics and synthetics, except glass	189.8	190.1	189.0	180.0	179.4	127.8	128.2	127.1	120.9	120.3
Plastics and synthetics, except fibers	-	84.8	84.3	81.8	81.7	-	54.0	53.4	52.3	52.2
Synthetic fibers	-	91.4	90.7	84.8	84.2	-	64.9	64.3	59.6	59.2
Drugs	112.3	111.8	110.6	112.8	112.8	59.0	59.1	57.9	60.8	60.9
Pharmaceutical preparations	-	82.6	81.4	83.2	83.2	-	42.2	41.1	43.6	43.4
Soap, cleaners, and toilet goods	98.4	99.1	99.9	96.2	96.9	59.7	60.5	61.8	58.8	59.5
Soap and detergents	-	35.0	35.8	34.5	34.5	-	24.2	25.1	24.2	24.2
Toilet preparations	-	35.8	35.9	34.5	35.1	-	22.0	22.4	20.7	21.3
Paints, varnishes, and allied products	64.7	64.4	64.8	63.0	63.3	35.9	35.8	36.4	35.6	35.8
Agricultural chemicals	49.0	48.2	48.8	49.0	48.1	31.4	30.9	31.4	32.4	31.6
Fertilizers, complete and mixing only	-	36.2	36.4	36.9	36.0	-	24.9	25.1	26.0	25.1
Other chemical products	79.9	80.5	80.2	80.1	80.9	49.3	50.1	49.8	51.1	51.7
PETROLEUM REFINING AND RELATED INDUSTRIES	181.0	183.7	186.9	186.6	188.9	110.4	113.0	115.8	117.0	119.2
Petroleum refining	149.0	148.9	151.3	153.5	153.9	88.7	88.7	90.7	94.3	94.5
Other petroleum and coal products	32.0	34.8	35.6	33.1	35.0	21.7	24.3	25.1	22.7	24.7
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	442.1	443.3	440.8	420.0	422.9	343.8	344.5	342.2	323.2	326.1
Tires and inner tubes	99.5	99.6	96.8	97.1	96.2	71.8	71.7	69.1	69.3	68.2
Other rubber products	168.7	168.7	168.9	164.5	165.4	133.2	133.2	133.2	129.2	130.1
Miscellaneous plastic products	173.9	175.0	175.1	158.4	161.3	138.8	139.6	139.9	124.7	127.8
LEATHER AND LEATHER PRODUCTS	359.8	360.0	356.5	350.2	350.8	316.6	317.2	313.4	308.3	309.1
Leather tanning and finishing	31.7	31.9	32.0	31.7	31.6	27.5	27.8	28.0	27.8	27.8
Footwear, except rubber	240.6	236.6	233.9	233.8	231.2	214.1	210.3	207.4	208.1	205.5
Other leather products	87.5	91.5	90.6	84.7	88.0	75.0	79.1	78.0	72.4	75.8

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

	(In thousands)									
	All employees					Production workers ¹				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
TRANSPORTATION AND PUBLIC UTILITIES	4,007	4,013	4,028	3,935	3,948	-	-	-	-	-
RAILROAD TRANSPORTATION	-	747.2	754.8	771.2	768.0	-	-	-	-	-
Class I railroads	-	653.5	661.1	672.1	675.4	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT	-	280.0	279.9	280.3	278.0	-	-	-	-	-
Local and suburban transportation	-	86.2	86.7	88.8	89.1	-	82.0	82.2	84.5	84.8
Taxicabs	-	109.9	108.5	114.8	112.4	-	-	-	-	-
Intercity and rural bus lines	-	41.6	42.4	41.3	41.0	-	38.3	39.2	38.1	38.0
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	979.6	983.9	927.9	939.4	-	891.2	896.0	842.0	853.1
AIR TRANSPORTATION	-	218.2	217.0	204.5	203.7	-	-	-	-	-
Air transportation, common carriers	-	197.6	196.5	184.3	183.3	-	-	-	-	-
PIPELINE TRANSPORTATION	-	19.7	19.9	20.3	20.3	-	16.6	16.8	17.2	17.3
OTHER TRANSPORTATION	-	306.5	311.1	302.1	310.0	-	-	-	-	-
COMMUNICATION	-	853.9	851.5	821.0	820.0	-	-	-	-	-
Telephone communication	-	709.6	707.5	681.8	681.1	-	568.4	566.3	546.4	546.1
Telegraph communication	-	31.2	31.3	32.7	32.5	-	22.1	22.0	22.9	23.0
Radio and television broadcasting	-	108.2	107.8	101.6	101.5	-	88.0	87.7	83.8	82.9
ELECTRIC, GAS, AND SANITARY SERVICES	-	608.3	609.9	607.2	608.4	-	530.3	532.0	528.7	530.1
Electric companies and systems	-	247.7	248.2	245.5	245.6	-	210.3	210.7	209.0	209.2
Gas companies and systems	-	151.1	150.9	152.5	152.8	-	133.9	134.0	134.2	134.6
Combined utility systems	-	172.3	173.2	173.1	173.6	-	153.9	154.8	154.1	154.5
Water, steam, and sanitary systems	-	37.2	37.6	36.1	36.4	-	32.2	32.5	31.4	31.8
WHOLESALE AND RETAIL TRADE²	13,119	12,514	12,341	12,725	12,110	-	9,505	9,323	9,844	9,233
WHOLESALE TRADE	3,289	3,272	3,269	3,210	3,183	-	2,790	2,788	2,750	2,725
Motor vehicles and automotive equipment	-	245.7	244.8	238.9	238.7	-	207.0	205.6	201.7	201.5
Drugs, chemicals, and allied products	-	193.6	192.8	190.7	190.5	-	160.9	160.2	159.1	158.3
Dry goods and apparel	-	138.2	137.1	133.8	134.4	-	113.5	112.8	110.5	111.0
Groceries and related products	-	515.5	520.0	507.9	504.6	-	455.7	458.9	449.5	446.0
Electrical goods	-	239.6	238.7	234.7	233.4	-	199.1	198.5	199.9	199.3
Hardware, plumbing, and heating goods	-	148.0	147.3	145.1	144.8	-	126.4	125.8	125.2	124.8
Machinery, equipment, and supplies	-	566.2	565.1	546.5	545.0	-	479.7	479.0	464.5	463.6
RETAIL TRADE ²	9,830	9,242	9,072	9,515	8,927	-	6,715	6,535	7,094	6,508
GENERAL MERCHANDISE STORES	-	1,928.9	1,804.0	2,217.8	1,836.9	-	1,774.7	1,649.9	2,070.0	1,691.9
Department stores	-	1,195.4	1,107.2	1,387.1	1,123.9	-	1,103.9	1,016.0	1,296.8	1,036.0
Limited price variety stores	-	321.4	307.0	394.0	326.7	-	298.0	283.2	371.8	304.5
FOOD STORES	-	1,450.4	1,434.9	1,434.0	1,405.4	-	1,348.5	1,334.7	1,336.8	1,310.2
Grocery, meat, and vegetable stores	-	1,278.6	1,265.8	1,253.3	1,234.7	-	1,187.0	1,175.3	1,164.0	1,147.7
APPAREL AND ACCESSORIES STORES	-	657.0	639.8	740.3	635.8	-	594.2	577.7	680.0	577.0
Men's and boys' apparel stores	-	107.8	103.2	129.9	101.5	-	97.7	93.2	120.1	92.1
Women's ready-to-wear stores	-	246.5	241.6	272.4	238.5	-	224.5	219.9	251.1	217.5
Family clothing stores	-	104.3	100.5	125.4	100.1	-	97.2	93.5	117.9	93.2
Shoe stores	-	120.2	117.2	131.4	120.6	-	105.1	102.1	117.0	106.4
FURNITURE AND APPLIANCE STORES	-	408.6	402.5	407.1	398.5	-	362.7	356.4	362.7	354.1
EATING AND DRINKING PLACES	-	1,818.4	1,830.5	1,743.4	1,749.2	-	-	-	-	-
OTHER RETAIL TRADE	-	2,978.3	2,960.4	2,971.9	2,900.8	-	2,635.1	2,616.5	2,644.2	2,574.8
Motor vehicle dealers	-	702.2	704.1	683.6	680.2	-	606.8	608.8	594.0	590.3
Other vehicle and accessory dealers	-	171.8	169.9	170.8	165.0	-	149.2	146.9	147.6	142.0
Drug stores	-	394.8	392.0	396.2	383.8	-	362.2	359.5	368.2	355.6

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)					Production workers ¹				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
FINANCE, INSURANCE, AND REAL ESTATE	2,961	2,958	2,961	2,887	2,884	-	-	-	-	-
Banking	-	764.8	763.6	748.3	746.8	-	643.1	642.8	632.5	631.5
Credit agencies other than banks	-	324.4	323.0	308.4	306.8	-	-	-	-	-
Savings and loan associations	-	95.9	95.5	92.0	91.5	-	-	-	-	-
Personal credit institutions	-	172.0	171.3	161.5	160.4	-	-	-	-	-
Security dealers and exchanges ²	-	127.0	126.7	124.1	124.0	-	112.1	111.7	113.7	113.7
Insurance carriers ³	-	887.1	886.8	875.9	876.8	-	631.9	632.7	783.1	782.4
Life insurance ³	-	470.6	470.2	467.4	465.9	-	276.3	276.8	421.2	420.5
Accident and health insurance ³	-	55.3	55.3	53.7	53.7	-	47.0	47.1	48.0	47.9
Fire, marine, and casualty insurance ³	-	315.8	316.0	310.6	311.0	-	270.2	270.5	276.0	276.1
Insurance agents, brokers, and services	-	226.9	226.3	220.2	219.9	-	-	-	-	-
Real estate	-	549.5	555.7	531.5	534.1	-	-	-	-	-
Operative builders	-	42.3	44.4	43.4	45.6	-	-	-	-	-
Other finance, insurance, and real estate	-	78.4	79.1	78.2	78.0	-	-	-	-	-
SERVICES AND MISCELLANEOUS	8,575	8,604	8,676	8,299	8,327	-	-	-	-	-
Hotel and lodging places	-	592.3	625.2	563.2	571.7	-	-	-	-	-
Hotels, tourist courts, and motels	-	544.3	574.2	516.0	523.7	-	509.3	538.0	484.4	492.0
Personal services:										
Laundries, cleaning and dyeing plants ⁴	-	537.4	542.6	524.3	527.5	-	479.9	484.0	383.8	386.7
Miscellaneous business services:										
Advertising	-	110.6	110.4	109.9	110.9	-	-	-	-	-
Motion pictures	-	170.9	178.0	168.9	170.0	-	-	-	-	-
Motion picture filming and distributing	-	45.1	46.1	42.8	41.9	-	27.6	28.5	27.7	26.7
Motion picture theaters and services	-	125.8	131.9	126.1	128.1	-	-	-	-	-
Medical services:										
Hospitals	-	1,373.9	1,372.0	1,327.8	1,329.2	-	-	-	-	-
GOVERNMENT	9,915	9,777	9,710	9,564	9,425	-	-	-	-	-
FEDERAL GOVERNMENT⁵	2,490	2,352	2,329	2,482	2,343	-	-	-	-	-
Executive	-	2,321.7	2,298.8	2,451.8	2,312.8	-	-	-	-	-
Department of Defense	-	926.5	927.5	939.7	940.1	-	-	-	-	-
Post Office Department	-	596.0	591.8	738.0	593.3	-	-	-	-	-
Other agencies	-	799.2	779.5	774.1	779.4	-	-	-	-	-
Legislative	-	24.8	24.6	24.2	24.1	-	-	-	-	-
Judicial	-	5.8	5.8	5.7	5.7	-	-	-	-	-
STATE AND LOCAL GOVERNMENT	7,425	7,425	7,381	7,082	7,082	-	-	-	-	-
State government	-	1,901.5	1,892.0	1,797.6	1,798.6	-	-	-	-	-
State education	-	656.7	648.1	601.9	611.4	-	-	-	-	-
Other State government	-	1,244.8	1,243.9	1,195.7	1,187.2	-	-	-	-	-
Local government	-	5,523.6	5,489.2	5,284.7	5,283.7	-	-	-	-	-
Local education	-	3,095.8	3,061.2	2,918.7	2,916.9	-	-	-	-	-
Other local government	-	2,427.8	2,428.0	2,366.0	2,366.8	-	-	-	-	-

¹ 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.

² Data for nonsupervisory workers exclude eating and drinking places.

³ Beginning January 1964, nonoffice salesmen excluded from nonsupervisory count.

⁴ Beginning January 1964, entries in the production worker columns relate to nonsupervisory workers and are not comparable with the production worker levels of prior years.

⁵ 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.

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	103.9	104.1	99.4	99.6	99.4	96.0	94.8	92.7	99.8	90.0
1957.....	100.7	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	97.1	100.1	95.9
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	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	82.6	107.6	104.2	97.5	111.6	111.2	111.7	116.4	123.8	121.1	106.1	127.0
1963: December..	109.1	82.6	105.7	103.1	96.4	109.4	109.5	109.4	114.8	121.4	119.0	106.0	124.1
1964: January...	109.2	82.1	101.9	103.2	96.6	110.1	110.1	110.1	115.1	121.9	119.3	105.8	124.6
February..	109.8	82.2	108.5	103.5	96.7	110.6	110.2	110.8	115.3	122.4	119.4	105.6	124.8
March.....	110.0	82.2	108.1	103.7	96.7	110.6	110.4	110.6	115.6	122.7	119.7	105.6	125.3
April.....	110.1	82.2	106.7	103.8	97.3	110.8	110.7	110.8	115.8	122.8	120.3	105.7	126.0
May.....	110.3	81.9	107.1	103.8	97.4	111.1	110.9	111.2	116.0	123.2	120.5	105.6	126.4
June.....	110.6	83.0	107.6	104.1	97.3	111.6	111.4	111.7	116.3	123.5	120.7	104.9	126.9
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	83.1	109.7	105.5	98.1	112.7	112.1	112.9	117.4	125.2	123.0	106.3	129.6
December..	112.5	83.6	111.7	106.0	98.2	112.8	112.2	113.0	117.7	125.4	123.5	106.6	130.1

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

Data for the 2 most recent months and 1964 annual averages are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

Industry division and group	(In thousands)												
	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964	Jan. 1964	Dec. 1963
TOTAL	59,097	58,871	58,382	58,458	58,301	58,256	58,104	57,931	57,827	57,754	57,684	57,334	57,291
MINING	644	640	638	634	634	639	639	631	633	633	633	632	636
CONTRACT CONSTRUCTION	3,225	3,167	3,106	3,080	3,103	3,107	3,106	3,093	3,081	3,122	3,132	2,941	3,052
MANUFACTURING	17,593	17,512	17,171	17,449	17,339	17,344	17,885	17,225	17,224	17,224	17,171	17,131	17,115
DURABLE GOODS	10,076	10,002	9,702	9,986	9,886	9,890	9,826	9,780	9,798	9,784	9,740	9,725	9,717
Ordnance and accessories	246	245	247	248	250	255	260	265	267	269	271	274	275
Lumber and wood products	602	595	591	593	595	599	593	596	600	603	602	597	600
Furniture and fixtures	411	409	407	405	403	405	402	398	398	397	394	392	392
Stone, clay, and glass products	618	619	616	620	617	618	616	613	613	616	613	609	610
Primary metal industries	1,277	1,271	1,253	1,258	1,242	1,246	1,222	1,199	1,196	1,190	1,189	1,183	1,178
Fabricated metal products	1,224	1,210	1,179	1,223	1,208	1,196	1,192	1,185	1,190	1,187	1,183	1,174	1,173
Machinery	1,656	1,640	1,644	1,643	1,625	1,620	1,608	1,597	1,589	1,584	1,565	1,572	1,568
Electrical equipment	1,586	1,573	1,560	1,558	1,546	1,550	1,537	1,533	1,536	1,535	1,535	1,540	1,540
Transportation equipment	1,669	1,658	1,429	1,667	1,632	1,632	1,628	1,633	1,646	1,641	1,626	1,626	1,623
Instruments and related products	373	371	368	369	369	371	369	367	368	368	368	367	367
Miscellaneous manufacturing	414	411	408	402	399	398	399	394	395	394	394	391	391
NONDURABLE GOODS	7,517	7,510	7,469	7,463	7,453	7,454	7,459	7,445	7,426	7,424	7,431	7,406	7,398
Food and kindred products	1,730	1,734	1,717	1,716	1,726	1,719	1,720	1,731	1,730	1,738	1,746	1,743	1,742
Tobacco manufactures	90	91	90	82	83	89	89	89	88	88	88	87	90
Textile-mill products	907	905	899	899	895	894	895	895	895	897	896	891	890
Apparel and related products	1,332	1,327	1,319	1,317	1,311	1,309	1,323	1,305	1,298	1,290	1,296	1,291	1,286
Paper and allied products	634	635	634	632	631	632	631	630	629	627	627	625	624
Printing and publishing	960	957	955	956	954	955	953	952	948	946	944	943	942
Chemicals and allied products	884	882	878	881	879	879	880	874	874	874	872	871	869
Petroleum and related products	184	185	187	185	185	187	187	187	187	188	189	189	190
Rubber and plastic products	439	437	433	439	435	433	427	429	427	426	424	419	417
Leather and leather products	357	357	357	356	354	357	354	353	353	350	349	347	348
TRANSPORTATION AND PUBLIC UTILITIES	4,003	3,997	3,996	4,005	3,999	3,983	3,965	3,968	3,964	3,940	3,943	3,936	3,931
WHOLESALE AND RETAIL TRADE	12,318	12,307	12,278	12,229	12,231	12,223	12,187	12,135	12,096	12,077	12,083	12,021	11,950
WHOLESALE TRADE	3,290	3,246	3,233	3,226	3,224	3,232	3,227	3,212	3,206	3,198	3,191	3,188	3,172
RETAIL TRADE	9,068	9,061	9,045	9,003	9,007	8,991	8,960	8,923	8,890	8,879	8,892	8,833	8,778
FINANCE, INSURANCE, AND REAL ESTATE	2,979	2,970	2,964	2,960	2,951	2,948	2,943	2,934	2,931	2,924	2,917	2,911	2,904
SERVICE AND MISCELLANEOUS	8,644	8,630	8,633	8,592	8,573	8,561	8,509	8,489	8,461	8,455	8,437	8,401	8,366
GOVERNMENT	9,691	9,648	9,596	9,509	9,471	9,451	9,470	9,456	9,437	9,395	9,368	9,361	9,337
FEDERAL	2,361	2,354	2,331	2,320	2,328	2,322	2,323	2,339	2,341	2,337	2,337	2,342	2,346
STATE AND LOCAL	7,330	7,294	7,265	7,189	7,143	7,129	7,147	7,117	7,096	7,058	7,031	7,019	6,991

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

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

Major industry group	(In thousands)												
	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964	Jan. 1964	Dec. 1963
MANUFACTURING	13,075	13,009	12,661	12,956	12,847	12,839	12,794	12,736	12,732	12,731	12,692	12,659	12,647
DURABLE GOODS	7,455	7,391	7,089	7,377	7,279	7,271	7,219	7,174	7,188	7,181	7,139	7,124	7,115
Ordnance and accessories	102	102	102	103	104	105	107	109	110	111	112	115	115
Lumber and wood products	540	533	528	530	531	536	528	532	536	539	539	535	537
Furniture and fixtures	343	339	339	338	335	338	336	331	331	330	329	326	327
Stone, clay, and glass products	498	501	498	500	498	497	496	493	493	498	493	490	492
Primary metal industries	1,046	1,040	1,022	1,026	1,012	1,017	995	972	967	966	965	958	954
Fabricated metal products	943	932	901	945	932	918	916	910	916	914	911	903	901
Machinery	1,154	1,143	1,146	1,149	1,129	1,125	1,118	1,109	1,103	1,099	1,082	1,091	1,088
Electrical equipment	1,075	1,066	1,053	1,049	1,040	1,041	1,029	1,024	1,027	1,025	1,023	1,026	1,026
Transportation equipment	1,183	1,170	942	1,180	1,145	1,141	1,141	1,146	1,156	1,150	1,136	1,134	1,128
Instruments and related products	236	235	232	234	234	236	233	232	233	233	233	232	233
Miscellaneous manufacturing	335	330	326	323	319	317	320	316	316	316	316	314	314
NONDURABLE GOODS	5,620	5,618	5,572	5,579	5,568	5,568	5,575	5,562	5,544	5,550	5,553	5,535	5,532
Food and kindred products	1,148	1,148	1,132	1,133	1,142	1,134	1,134	1,144	1,143	1,150	1,157	1,157	1,158
Tobacco manufactures	78	80	78	71	72	78	77	77	76	77	76	75	78
Textile mill products	810	808	803	803	799	798	800	800	800	803	803	799	797
Apparel and related products	1,185	1,182	1,173	1,173	1,165	1,164	1,176	1,160	1,152	1,145	1,150	1,146	1,140
Paper and allied products	493	496	494	494	493	494	494	493	492	491	491	489	489
Printing and publishing	609	606	604	604	604	604	604	604	601	600	598	597	598
Chemicals and allied products	529	530	526	530	530	531	531	527	525	529	527	526	526
Petroleum and related products	112	114	116	116	115	117	117	116	116	118	118	118	119
Rubber and plastic products	341	339	334	340	337	334	329	330	329	329	326	322	321
Leather and leather products	315	315	312	313	311	314	312	311	310	308	307	306	306

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

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

(In thousands)

State	TOTAL			Mining			Contract construction		
	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
Alabama	830.0	831.8	812.6	8.7	8.7	8.8	44.8	46.3	44.1
Alaska	64.0	67.3	60.6	1.2	1.4	1.1	5.7	7.5	4.1
Arizona	396.2	393.0	385.5	15.1	15.2	15.1	28.0	28.6	28.8
Arkansas	432.1	435.6	424.4	4.6	4.7	4.9	27.1	28.7	27.9
California	5,668.6	5,676.5	5,489.6	29.6	29.9	29.2	338.5	346.9	328.3
Colorado	578.8	583.7	574.1	11.9	12.0	11.9	39.4	41.1	39.8
Connecticut	993.1	987.6	977.8	(1)	(1)	(1)	47.3	47.7	48.6
Delaware	172.9	168.3	168.5	(2)	(2)	(2)	13.7	13.9	13.8
District of Columbia	601.9	598.9	589.4	(2)	(2)	(2)	23.3	24.1	24.9
Florida	1,540.4	1,510.6	1,478.3	9.1	9.0	8.7	128.4	128.4	117.6
Georgia	1,205.1	1,191.6	1,168.4	6.0	6.0	5.8	69.5	70.3	64.4
Hawaii	207.4	205.2	198.1	(2)	(2)	(2)	16.6	16.5	14.4
Idaho	170.2	172.1	166.7	3.5	3.4	2.9	9.1	9.7	8.5
Illinois	3,721.8	3,710.6	3,639.7	26.8	26.7	27.0	157.9	163.7	157.3
Indiana	1,564.4	1,556.7	1,517.2	8.4	8.9	8.8	73.4	75.7	65.0
Iowa ³	729.6	728.1	710.9	3.4	3.5	3.3	38.1	40.9	35.5
Kansas	588.5	585.4	578.2	15.1	14.9	15.2	30.4	33.1	32.5
Kentucky	736.2	737.9	715.9	29.2	29.1	30.4	46.7	47.2	43.7
Louisiana	853.8	845.3	821.4	47.4	46.9	43.9	63.4	62.3	54.3
Maine	280.1	283.2	276.7	(2)	(2)	(2)	14.0	14.6	13.3
Maryland	1,033.2	1,026.5	1,003.9	2.5	2.5	2.5	77.0	78.5	74.3
Massachusetts ³	1,993.5	1,986.4	1,971.7	(2)	(2)	(2)	93.1	93.6	87.7
Michigan	2,544.2	2,399.5	2,457.4	13.6	12.4	13.2	109.2	111.0	101.0
Minnesota	1,039.0	1,051.9	1,013.7	13.4	13.8	12.8	61.3	68.4	58.7
Mississippi	461.8	462.6	449.4	6.1	6.2	6.4	26.9	28.3	25.0
Missouri	1,433.8	1,423.9	1,408.8	7.8	7.8	7.5	80.6	80.8	69.8
Montana	174.8	178.2	176.6	7.7	7.6	7.3	10.9	12.0	12.8
Nebraska	408.0	410.3	401.3	2.2	2.2	2.2	25.2	25.8	26.0
Nevada	148.7	153.7	145.3	3.1	3.1	3.0	13.9	15.0	14.8
New Hampshire	207.8	212.2	202.6	.3	.3	.3	10.7	11.2	10.6
New Jersey	2,137.6	2,133.1	2,119.6	3.6	3.6	3.6	101.3	104.5	100.3
New Mexico	261.9	262.4	254.2	17.4	17.5	17.6	19.7	20.4	19.6
New York	6,416.6	6,418.3	6,351.8	9.1	9.3	9.0	269.5	277.1	279.1
North Carolina	1,373.1	1,377.3	1,330.0	2.5	2.6	2.4	77.4	77.0	73.0
North Dakota	136.9	138.5	135.1	1.9	2.0	1.9	12.9	13.9	12.0
Ohio	3,258.1	3,235.0	3,194.3	18.8	19.0	19.0	150.3	158.9	146.5
Oklahoma	626.3	628.0	619.7	42.8	42.5	41.7	37.6	39.1	37.7
Oregon	575.1	585.1	558.2	1.7	1.8	1.5	32.6	35.5	28.8
Pennsylvania	3,797.8	3,793.8	3,734.1	46.5	46.6	46.9	157.6	163.0	156.5
Rhode Island	301.7	301.1	301.3	(2)	(2)	(2)	13.4	13.7	13.4
South Carolina	654.8	651.7	635.5	1.5	1.5	1.6	38.7	38.1	34.8
South Dakota	151.8	154.0	151.6	2.5	2.5	2.5	9.2	10.4	9.9
Tennessee	1,062.6	1,062.0	1,022.5	7.1	6.9	6.8	62.3	63.2	56.3
Texas	2,793.1	2,782.8	2,717.4	113.0	112.7	111.6	184.2	184.6	175.5
Utah	299.5	302.8	300.4	11.9	12.0	11.9	18.8	19.7	19.3
Vermont	110.8	112.2	107.8	1.2	1.3	1.2	6.3	6.4	5.8
Virginia	1,182.5	1,183.2	1,151.2	15.4	15.5	15.7	90.5	91.7	85.4
Washington	863.7	871.4	853.9	1.9	1.8	1.8	41.9	43.9	40.5
West Virginia	466.4	466.4	457.7	48.7	48.7	48.4	23.4	23.4	20.0
Wisconsin	1,275.1	1,278.7	1,246.4	2.7	3.0	2.7	58.3	60.5	54.4
Wyoming	99.8	102.9	97.3	8.8	8.8	9.5	10.3	12.0	10.8

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE EMPLOYMENT**

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

(In thousands)

State	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
Alabama.....	252.2	253.7	244.7	48.2	48.5	48.2	159.9	158.9	156.4
Alaska.....	4.6	5.0	4.5	6.7	7.0	6.5	8.8	9.0	8.7
Arizona.....	60.7	59.8	58.2	25.0	24.8	25.1	94.2	92.9	92.2
Arkansas.....	124.2	125.2	122.2	29.5	30.5	29.1	91.9	91.4	89.8
California.....	1,390.8	1,411.4	1,397.2	377.0	379.4	359.1	1,249.0	1,230.9	1,201.0
Colorado.....	90.3	91.5	97.1	44.5	44.9	44.2	136.9	137.7	133.6
Connecticut.....	423.1	420.3	421.8	46.1	46.1	45.3	180.2	177.8	174.8
Delaware.....	64.1	60.0	60.8	10.8	10.7	10.7	32.8	32.3	32.5
District of Columbia.....	20.5	20.4	20.0	30.0	30.0	29.6	92.1	89.1	87.8
Florida.....	241.6	234.3	239.3	107.4	106.6	104.1	427.6	410.8	407.5
Georgia.....	380.3	371.2	367.8	79.7	79.6	77.0	244.6	240.3	239.7
Hawaii.....	21.8	21.4	21.6	15.5	15.5	15.3	49.2	48.2	47.2
Idaho.....	35.7	35.8	34.9	14.1	14.3	14.3	41.3	41.4	40.7
Illinois.....	1,250.9	1,246.2	1,208.4	275.9	275.3	275.0	790.9	780.5	781.4
Indiana.....	637.6	629.5	616.4	88.9	88.7	89.0	303.5	300.9	301.6
Iowa ³	184.5	179.1	180.3	48.6	48.6	49.3	179.5	178.9	174.6
Kansas.....	120.8	116.3	116.5	50.5	50.8	51.8	136.1	135.3	133.7
Kentucky.....	193.0	195.3	184.7	53.8	54.2	53.6	150.5	149.3	148.6
Louisiana.....	157.3	153.8	149.6	81.5	80.9	80.7	190.6	188.0	185.7
Maine.....	103.3	104.7	101.4	16.2	16.6	16.5	53.7	53.8	53.4
Maryland.....	257.6	257.2	260.2	74.7	74.2	72.4	228.9	222.8	219.3
Massachusetts ³	655.7	650.9	660.1	103.3	103.4	103.4	408.5	404.5	407.4
Michigan.....	1,040.4	907.6	1,003.3	132.0	130.7	129.7	480.8	470.5	460.6
Minnesota.....	248.6	252.6	242.5	80.0	81.0	78.4	251.8	252.6	245.6
Mississippi.....	142.7	141.4	135.7	26.5	26.9	27.1	89.3	88.8	88.5
Missouri.....	403.4	396.5	400.3	116.6	116.9	116.2	319.5	315.6	319.5
Montana.....	22.4	23.4	22.3	17.6	17.7	17.5	40.4	41.0	41.6
Nebraska.....	68.1	69.3	67.7	36.7	36.9	36.8	100.7	100.2	97.5
Nevada.....	6.9	6.9	6.9	11.4	11.5	11.2	28.0	28.3	26.9
New Hampshire.....	86.0	86.2	85.4	9.6	9.6	9.6	37.5	38.0	36.7
New Jersey.....	790.2	783.6	798.7	151.6	151.5	152.3	424.3	420.6	414.1
New Mexico.....	17.7	17.8	17.3	20.3	20.2	20.1	54.8	54.5	52.6
New York.....	1,842.4	1,842.0	1,827.8	473.9	474.3	470.5	1,309.9	1,296.1	1,305.3
North Carolina.....	574.1	582.6	557.9	72.2	71.7	69.0	252.1	248.2	244.0
North Dakota.....	7.1	7.3	9.0	11.9	12.1	11.9	37.5	37.7	36.6
Ohio.....	1,262.6	1,239.3	1,236.1	200.9	200.8	199.0	637.2	629.2	628.8
Oklahoma.....	96.9	96.8	94.1	45.5	45.7	45.5	144.3	144.4	143.4
Oregon.....	149.7	158.1	146.7	44.3	44.3	43.7	127.7	126.6	126.0
Pennsylvania.....	1,453.5	1,451.7	1,403.3	258.8	259.1	261.2	699.2	690.1	695.9
Rhode Island.....	117.0	116.4	117.0	14.9	14.9	14.6	56.9	56.0	56.8
South Carolina.....	283.9	282.8	274.0	27.5	27.4	26.8	110.4	109.3	108.6
South Dakota.....	13.2	13.3	14.1	9.9	10.0	10.2	40.3	41.1	40.6
Tennessee.....	362.2	363.1	350.6	58.2	58.6	56.6	211.4	208.8	206.5
Texas.....	532.9	530.4	520.9	216.5	216.1	217.4	694.0	686.5	679.8
Utah.....	51.2	52.4	55.4	21.6	21.9	21.5	67.4	67.3	67.0
Vermont.....	34.9	34.5	33.9	6.9	7.0	6.9	21.4	21.9	21.1
Virginia.....	318.1	319.0	306.5	83.5	84.1	83.7	245.9	242.6	239.4
Washington.....	219.6	224.3	221.6	59.8	60.2	60.1	192.7	193.7	191.4
West Virginia.....	127.6	127.8	125.3	40.4	41.1	41.0	81.1	79.9	81.4
Wisconsin.....	466.8	469.3	459.4	72.8	73.1	72.7	265.1	261.3	261.1
Wyoming.....	8.4	8.6	7.8	10.4	10.4	10.5	20.1	20.7	20.2

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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

State	(In thousands)								
	Finance, insurance, and real estate			Service and miscellaneous			Government		
	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
Alabama	34.0	34.1	33.8	103.3	103.2	103.3	178.9	178.4	173.3
Alaska	1.9	2.0	1.9	7.0	6.9	6.5	28.1	28.5	27.3
Arizona	21.3	21.3	20.3	64.1	63.1	61.4	87.8	87.3	84.4
Arkansas	16.9	17.0	16.0	55.2	55.8	54.4	82.7	82.3	80.1
California	311.1	310.5	295.9	900.6	901.1	855.2	1,072.0	1,066.4	1,023.7
Colorado	30.5	30.6	29.6	92.3	92.8	88.7	133.0	133.1	129.2
Connecticut	58.4	58.4	57.3	129.9	130.7	125.6	108.0	106.6	104.4
Delaware	6.7	6.7	6.5	21.9	21.9	21.8	22.9	22.8	22.4
District of Columbia ⁴	30.5	30.5	29.8	106.5	106.5	105.0	299.0	298.3	292.3
Florida	91.2	90.8	89.4	256.7	253.4	244.1	278.4	277.3	267.6
Georgia	57.6	57.7	57.1	139.7	138.9	134.9	227.7	227.6	221.7
Hawaii	12.2	12.2	11.3	37.1	37.1	34.5	55.0	54.3	53.8
Idaho	6.9	6.9	6.5	21.1	21.6	20.8	38.5	39.0	38.1
Illinois	196.1	196.2	195.1	540.2	542.0	528.0	483.2	479.9	467.5
Indiana	63.7	63.4	62.8	162.0	162.5	157.9	226.9	227.1	215.6
Iowa ³	34.6	34.8	33.8	105.1	106.2	102.7	135.8	136.1	131.3
Kansas	25.1	25.3	24.8	81.6	81.7	78.8	128.9	128.0	124.9
Kentucky	28.2	28.2	27.6	100.5	100.4	97.5	134.3	134.2	129.8
Louisiana	37.9	37.9	37.3	113.1	113.5	111.2	162.6	162.0	158.7
Maine	9.9	10.0	9.7	31.0	31.8	30.7	52.0	51.7	51.7
Maryland ⁴	53.4	53.4	50.6	158.4	158.1	151.5	180.7	179.8	173.1
Massachusetts ³	106.7	106.6	105.3	350.3	352.2	342.4	275.9	275.2	265.4
Michigan	93.0	93.0	88.7	313.0	316.3	301.2	362.2	357.9	359.7
Minnesota	50.8	51.0	50.6	154.5	154.9	152.2	178.7	177.5	172.9
Mississippi	15.9	16.0	15.8	52.7	52.9	51.8	101.7	102.1	99.1
Missouri	76.9	77.3	76.1	208.0	209.2	203.2	221.0	219.8	216.2
Montana	6.8	6.9	6.8	24.3	24.3	23.8	44.7	45.3	44.5
Nebraska	24.5	24.6	24.6	63.0	63.2	61.0	87.5	88.1	85.6
Nevada	6.2	6.2	5.8	51.8	55.4	51.6	27.4	27.3	25.1
New Hampshire	8.2	8.2	7.9	29.4	32.6	26.9	26.2	26.2	25.2
New Jersey	96.8	97.0	95.1	299.5	304.0	291.7	270.3	268.3	263.8
New Mexico	11.5	11.5	11.4	46.3	46.3	43.3	74.2	74.2	72.3
New York	499.8	501.1	499.1	1,084.9	1,094.3	1,054.6	927.2	924.0	906.4
North Carolina	52.3	52.4	50.3	148.9	149.2	142.7	193.6	193.6	190.7
North Dakota	6.5	6.5	6.3	24.0	24.0	23.1	35.2	35.1	34.4
Ohio	129.5	129.3	128.1	402.5	405.9	393.7	456.3	452.5	443.1
Oklahoma	29.1	29.1	29.1	81.8	82.2	83.1	148.3	148.2	145.1
Oregon	25.8	25.8	24.7	79.1	79.8	75.3	114.2	113.2	111.5
Pennsylvania	159.3	159.6	158.5	533.4	536.5	529.2	489.5	487.2	482.6
Rhode Island	13.4	13.4	13.5	43.2	43.7	43.1	42.9	43.0	42.9
South Carolina	23.4	23.5	23.3	62.5	62.7	62.1	106.9	106.4	104.3
South Dakota	7.0	7.0	6.6	24.3	24.5	23.8	45.6	45.3	44.1
Tennessee	45.7	45.7	44.2	142.5	143.0	137.6	173.2	172.7	163.9
Texas	148.5	148.7	142.3	396.9	397.4	382.1	507.1	506.4	487.8
Utah	12.7	12.8	12.6	41.1	41.6	40.0	74.8	75.1	72.7
Vermont	4.2	4.3	4.3	18.6	19.5	17.7	17.4	17.6	17.1
Virginia ⁴	51.6	51.7	49.8	154.1	155.3	150.9	223.4	223.3	219.8
Washington	43.0	43.2	42.4	116.2	116.9	112.7	188.6	187.4	183.4
West Virginia	13.7	13.8	13.7	55.1	55.3	54.0	76.3	76.5	73.9
Wisconsin	50.5	50.5	49.2	164.9	167.9	160.9	193.9	193.0	185.9
Wyoming	3.4	3.4	3.3	13.5	13.9	10.5	24.9	25.1	24.7

¹ Combined with construction.

² Combined with service.

³ Revised series; not strictly comparable with previously published data.

⁴ Federal employment in the Maryland and Virginia sectors of the District of Columbia metropolitan area is included in data for District of Columbia.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

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

(In thousands)

Industry division	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
	ALABAMA						ARIZONA					
	Birmingham			Mobile			Phoenix			Tucson		
TOTAL	204.9	204.2	199.1	96.9	96.9	95.7	228.7	226.3	219.7	76.6	75.8	77.8
Mining.....	4.4	4.5	4.3	(1)	(1)	(1)	.2	.2	.2	3.2	3.2	3.2
Contract construction..	10.6	10.9	10.4	5.2	5.4	5.7	16.8	17.0	16.9	5.9	6.0	6.2
Manufacturing.....	61.3	61.0	59.0	17.7	17.6	17.5	45.0	44.5	42.3	6.7	6.6	7.9
Trans. and pub. util...	16.2	16.2	16.3	11.3	11.5	10.4	13.7	13.6	13.8	5.3	5.3	5.3
Trade.....	48.3	47.7	46.8	21.4	21.3	20.9	58.3	57.3	57.4	17.5	17.2	17.6
Finance.....	14.5	14.4	14.3	4.0	4.0	4.0	15.0	15.0	14.4	4.0	4.0	3.9
Service.....	25.8	25.7	25.4	12.2	12.2	12.0	37.6	37.0	35.9	13.9	13.6	13.9
Government.....	23.8	23.8	22.6	25.1	24.9	25.2	42.1	41.7	38.8	20.1	19.9	19.8
ARKANSAS						CALIFORNIA ²						
	Fayetteville			Fort Smith			Little Rock - N. Little Rock			Pine Bluff		
TOTAL	17.7	18.0	17.2	30.2	30.2	29.9	94.9	95.0	92.6	20.6	20.7	19.7
Mining.....	(1)	(1)	(1)	.3	.3	.3	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	.9	1.0	1.0	1.9	2.0	2.0	7.2	7.4	7.5	1.1	1.1	1.2
Manufacturing.....	5.0	5.3	4.7	11.8	11.6	11.1	18.7	18.7	17.9	5.5	5.5	5.1
Trans. and pub. util...	1.5	1.5	1.4	1.9	1.9	1.8	8.1	8.2	8.1	2.7	2.7	2.6
Trade.....	4.0	4.0	3.9	6.5	6.4	6.8	21.3	21.1	20.9	4.0	3.9	3.8
Finance.....	.4	.4	.4	1.0	1.0	.9	7.4	7.3	7.0	.8	.8	.7
Service.....	2.2	2.1	2.1	3.9	4.0	3.9	14.3	14.3	13.7	2.6	2.7	2.4
Government.....	3.6	3.6	3.7	3.0	3.0	3.1	18.0	18.0	17.5	4.0	4.0	3.9
CALIFORNIA - Continued						CALIFORNIA - Continued						
	Bakersfield			Fresno			Los Angeles - Long Beach			Sacramento		
TOTAL	78.2	78.1	76.3	99.1	101.4	96.1	2,448.5	2,432.6	2,381.6	188.4	191.1	187.2
Mining.....	6.8	6.7	6.6	.9	1.0	.9	9.9	10.0	9.9	.2	.2	.2
Contract construction..	3.8	3.9	3.5	5.3	5.5	5.2	130.1	131.8	123.1	12.1	13.7	12.3
Manufacturing.....	8.4	8.4	7.9	16.7	18.2	16.3	748.8	744.4	757.9	29.4	31.0	32.1
Trans. and pub. util...	6.0	5.9	6.0	8.6	8.3	8.3	145.3	145.9	135.6	13.2	13.3	13.1
Trade.....	17.1	17.2	17.1	26.5	27.3	25.9	548.1	536.0	526.1	37.9	37.6	37.5
Finance.....	3.0	3.0	2.9	4.6	4.6	4.4	142.4	142.1	135.4	8.3	8.4	8.0
Service.....	11.8	11.8	11.3	16.0	16.0	15.2	402.3	401.9	385.0	21.1	21.1	19.9
Government.....	21.3	21.2	21.0	20.5	20.5	19.9	321.6	320.5	308.6	66.2	65.8	64.1
CALIFORNIA - Continued						CALIFORNIA - Continued						
	San Bernardino - Riverside - Ontario			San Diego			San Francisco - Oakland			San Jose		
TOTAL	234.4	233.0	220.6	263.3	262.7	263.0	1,108.6	1,108.3	1,077.8	261.7	267.3	255.1
Mining.....	1.5	1.5	1.3	.4	.4	.4	1.9	1.9	1.8	.1	.1	.1
Contract construction..	17.2	17.8	16.9	15.3	15.8	14.9	69.3	70.8	67.0	19.2	20.2	18.7
Manufacturing.....	39.7	39.9	38.2	50.2	50.3	55.9	198.6	201.2	198.0	81.7	87.9	86.6
Trans. and pub. util...	16.8	16.7	15.6	14.7	14.6	14.4	111.3	111.3	107.2	11.0	11.2	10.6
Trade.....	50.5	49.4	47.0	58.6	58.0	56.8	246.9	243.0	239.7	48.7	47.5	43.9
Finance.....	9.1	9.1	8.5	12.8	12.6	12.0	84.0	84.1	80.3	10.1	10.3	9.5
Service.....	37.6	36.9	34.8	45.9	46.3	44.3	164.9	165.2	158.8	48.8	48.5	46.7
Government.....	62.0	61.7	58.3	65.4	64.7	64.3	231.7	230.8	225.0	42.1	41.6	39.0
CALIFORNIA - Continued						COLORADO			CONNECTICUT			
	Stockton			Denver ³			Bridgeport			Hartford		
TOTAL	69.7	73.8	67.5	367.6	369.2	369.8	132.7	132.2	132.8	263.0	261.0	257.4
Mining.....	.1	.1	.1	3.0	3.0	3.3	(4)	(4)	(4)	(4)	(4)	(4)
Contract construction..	3.8	4.0	3.8	23.1	23.7	24.5	5.6	5.8	5.1	13.0	13.2	12.8
Manufacturing.....	13.4	16.5	12.1	62.7	63.6	70.4	69.0	68.7	70.2	93.8	92.9	93.3
Trans. and pub. util...	5.8	6.0	5.9	30.4	30.5	30.3	5.8	5.9	5.6	9.9	9.8	9.7
Trade.....	16.6	17.3	16.9	93.1	93.1	90.6	23.8	23.3	23.6	51.7	50.2	49.0
Finance.....	2.5	2.5	2.4	23.2	23.3	22.9	4.0	4.0	3.6	34.2	34.3	33.8
Service.....	10.0	10.1	9.5	62.7	62.7	60.3	14.1	14.1	14.5	33.5	33.7	32.7
Government.....	17.5	17.3	16.8	69.4	69.3	67.5	10.4	10.4	10.2	27.0	26.9	26.1

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

ESTABLISHMENT DATA
AREA EMPLOYMENT

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

(In thousands)

Industry division	Nov.	Oct.	Nov.	Nov.	Oct.	Nov.	Nov.	Oct.	Nov.	Nov.	Oct.	Nov.
	1964	1964	1963	1964	1964	1963	1964	1964	1963	1964	1964	1963
CONNECTICUT - Continued												
	New Britain			New Haven			Stamford			Waterbury		
TOTAL.....	41.0	41.6	41.7	133.6	133.1	130.2	63.4	63.4	64.0	68.4	68.2	68.1
Mining.....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Contract construction..	1.6	1.6	1.4	8.5	8.7	7.7	3.6	3.7	3.5	2.2	2.2	1.9
Manufacturing.....	23.3	24.0	24.3	42.4	42.2	42.3	22.0	22.0	24.0	37.0	37.0	37.7
Trans. and pub. util...	1.9	1.8	1.9	12.7	12.6	12.8	2.8	2.8	2.8	2.9	2.9	2.8
Trade.....	6.2	6.2	6.1	26.3	26.1	25.4	14.1	13.9	13.3	10.3	10.2	10.1
Finance.....	.9	.9	.9	7.4	7.4	7.2	2.7	2.7	2.7	1.8	1.8	1.7
Service.....	4.0	4.0	4.1	23.6	23.6	22.8	11.9	12.0	11.6	7.9	8.0	7.7
Government.....	3.2	3.2	3.0	12.8	12.5	12.2	6.3	6.3	6.1	6.3	6.3	6.2
DELAWARE												
DISTRICT OF COLUMBIA												
FLORIDA												
	Wilmington			Washington			Jacksonville			Miami		
TOTAL.....	158.2	153.5	154.1	870.9	868.4	852.9	154.4	153.0	150.0	335.1	331.8	329.0
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	10.6	10.8	11.3	59.4	61.9	65.4	10.8	10.1	9.8	20.6	20.9	20.8
Manufacturing.....	65.3	61.0	61.5	37.8	37.9	37.2	21.7	21.6	20.7	48.3	47.4	46.6
Trans. and pub. util...	9.4	9.1	9.3	48.1	48.1	47.0	15.9	15.9	15.6	35.2	35.1	33.9
Trade.....	27.6	27.1	27.3	176.0	170.7	164.9	43.3	43.1	42.9	94.0	93.1	92.6
Finance.....	6.0	6.0	5.8	49.9	49.9	48.3	14.4	14.4	14.3	23.3	23.2	23.0
Service.....	19.6	19.8	19.4	167.1	167.9	165.1	21.8	21.8	21.5	68.8	67.7	68.0
Government.....	19.7	19.7	19.5	332.6	332.0	325.0	26.5	26.1	25.2	44.9	44.4	44.1
FLORIDA - Continued												
GEORGIA												
HAWAII												
	Tampa - St. Petersburg			Atlanta			Savannah			Honolulu		
TOTAL.....	222.8	219.8	213.8	456.3	446.7	434.5	56.1	56.0	54.9	175.0	173.2	167.2
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	18.6	18.7	17.9	33.4	33.8	28.7	3.5	3.5	3.3	13.8	13.7	12.2
Manufacturing.....	41.0	40.3	39.2	103.7	97.2	99.3	14.4	14.2	14.8	14.9	14.6	14.5
Trans. and pub. util...	16.3	16.1	15.7	40.3	39.9	38.6	5.9	6.0	6.0	13.2	13.2	12.9
Trade.....	64.2	62.6	62.7	118.5	115.9	113.6	12.8	12.8	11.7	42.1	41.2	40.5
Finance.....	13.3	13.1	12.8	32.7	32.9	31.8	2.7	2.7	2.9	11.4	11.4	10.4
Service.....	35.8	35.5	34.0	63.0	62.5	60.0	7.8	7.8	7.2	31.9	32.0	29.8
Government.....	33.6	33.5	31.5	64.7	64.5	62.5	9.0	9.0	9.0	47.7	47.1	46.9
IDAHO												
ILLINOIS												
	Boise			Chicago			Davenport - Rock Island - Moline			Peoria		
TOTAL.....	30.6	30.7	29.2	2,572.0	2,559.2	2,529.0	(5)	116.9	112.2	(5)	112.6	105.7
Mining.....	(1)	(1)	(1)	6.8	6.9	6.4	(5)	(4)	(4)	(5)	(4)	(4)
Contract construction..	2.1	2.2	2.0	99.7	104.5	101.6	(5)	5.7	5.5	(5)	7.1	5.8
Manufacturing.....	3.0	3.1	2.6	876.6	869.0	852.0	(5)	43.9	42.0	(5)	44.0	41.1
Trans. and pub. util...	2.9	2.9	2.8	196.5	197.0	195.7	(5)	6.2	6.3	(5)	6.3	6.4
Trade.....	8.6	8.5	8.4	561.5	548.8	556.7	(5)	24.6	23.4	(5)	24.8	23.4
Finance.....	2.2	2.2	2.1	155.0	155.3	155.1	(5)	4.5	4.5	(5)	4.2	4.0
Service.....	4.5	4.5	4.2	406.0	408.2	397.5	(5)	14.1	13.3	(5)	14.5	13.7
Government.....	7.3	7.3	7.1	269.9	269.5	264.0	(5)	17.9	17.3	(5)	11.6	11.3
ILLINOIS - Continued												
INDIANA												
	Rockford			Evansville			Fort Wayne			Indianapolis		
TOTAL.....	(5)	87.0	81.7	68.6	68.6	67.1	93.1	92.8	90.2	312.7	309.6	308.1
Mining.....	(5)	(4)	(4)	1.7	1.7	1.5	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	(5)	4.5	3.8	3.1	3.1	3.1	4.3	4.5	4.5	13.4	14.0	14.4
Manufacturing.....	(5)	45.6	42.2	26.5	26.5	25.2	37.9	37.8	36.1	106.2	103.5	103.4
Trans. and pub. util...	(5)	3.1	3.0	4.5	4.5	4.8	6.8	6.7	6.5	21.9	21.9	21.6
Trade.....	(5)	15.8	15.4	15.2	15.2	15.3	20.4	20.1	20.4	69.1	68.0	69.0
Finance.....	(5)	2.7	2.7	2.5	2.5	2.6	4.9	4.9	4.9	21.5	21.5	21.4
Service.....	(5)	9.6	9.2	9.0	9.0	8.8	10.7	10.7	10.5	34.6	34.7	33.5
Government.....	(5)	5.7	5.4	6.1	6.1	6.1	8.1	8.1	7.3	46.0	46.0	44.8

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

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

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

(In thousands)

Industry division	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
	INDIANA - Continued			IOWA			KANSAS					
	South Bend			Des Moines			Topeka			Wichita		
TOTAL	77.0	77.4	83.1	104.0	104.1	104.4	51.1	51.6	50.6	130.8	130.9	127.8
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	.1	.1	.1	3.1	3.0	2.8
Contract construction..	3.0	3.2	3.1	4.9	5.0	4.8	2.9	3.4	3.1	5.1	5.3	5.7
Manufacturing.....	29.3	29.9	36.2	21.3	21.0	21.1	6.8	6.8	6.7	46.7	46.6	43.8
Trans. and pub. util....	3.9	3.8	3.8	7.5	7.6	8.1	7.0	7.0	7.0	7.2	7.2	7.1
Trade.....	16.7	16.4	16.5	27.4	27.2	27.3	11.0	11.0	10.5	28.7	28.6	29.0
Finance.....	4.5	4.5	4.3	11.7	11.9	12.0	3.0	3.0	2.9	5.9	5.9	5.9
Service.....	12.8	12.8	12.4	16.3	16.5	16.4	7.9	8.0	7.7	18.1	18.2	18.0
Government.....	6.8	6.8	6.8	15.0	15.2	14.9	12.5	12.5	12.8	16.3	16.3	15.7
	KENTUCKY			LOUISIANA								
	Louisville			Baton Rouge			New Orleans			Shreveport		
TOTAL	260.5	262.0	255.7	76.3	75.2	73.8	314.8	313.5	304.8	77.0	76.8	75.3
Mining.....	(1)	(1)	(1)	.3	.2	.3	9.7	9.6	9.4	5.7	5.8	5.6
Contract construction..	13.2	14.4	12.9	7.8	7.3	7.4	21.1	21.0	20.0	6.1	6.1	5.9
Manufacturing.....	91.7	93.4	89.6	15.4	15.3	15.3	55.4	55.0	50.8	9.9	9.9	9.8
Trans. and pub. util....	20.4	20.5	20.6	4.4	4.4	4.3	41.8	41.9	40.4	8.4	8.4	8.5
Trade.....	55.8	55.3	55.4	16.5	16.1	15.9	76.1	75.3	75.1	20.1	20.0	19.5
Finance.....	13.1	13.0	12.9	3.8	3.8	3.7	18.3	18.3	18.4	3.8	3.8	3.8
Service.....	37.3	36.8	36.4	10.1	10.1	9.8	51.6	51.6	49.8	10.5	10.5	10.3
Government.....	29.0	28.6	27.9	18.1	18.0	17.1	40.9	40.8	41.0	12.3	12.3	11.9
	MAINE			MARYLAND								
	Lewiston - Auburn			Portland			Baltimore			Boston		
TOTAL	24.5	24.6	25.5	56.0	56.8	54.6	662.5	653.3	650.7	1,124.8	1,118.3	1,114.4
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	.9	.9	.9	(1)	(1)	(1)
Contract construction..	1.3	1.3	1.2	3.4	3.7	3.2	41.4	42.2	40.5	60.1	60.9	55.7
Manufacturing.....	11.1	11.2	12.3	13.5	13.6	12.9	187.8	184.2	189.9	279.5	275.9	282.3
Trans. and pub. util....	.9	.9	.9	5.0	5.3	5.2	56.2	55.7	54.5	65.3	65.6	66.4
Trade.....	5.3	5.3	5.3	15.0	15.1	14.9	141.3	136.3	138.4	250.5	246.8	251.0
Finance.....	.8	.8	.8	4.2	4.2	4.1	35.4	35.5	34.4	76.8	76.6	75.9
Service.....	3.4	3.4	3.3	8.7	8.8	8.5	97.5	97.0	94.3	240.2	240.7	232.8
Government.....	1.7	1.7	1.7	6.2	6.1	5.8	102.0	101.5	97.8	152.4	151.8	150.3
	MASSACHUSETTS - Continued											
	Fall River			New Bedford			Springfield - Chicopee - Holyoke			Worcester		
TOTAL	41.2	40.9	42.4	49.7	49.3	50.3	176.2	175.9	172.5	116.0	116.3	114.8
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	(1)	(1)	(1)	1.6	1.6	1.7	6.7	6.6	5.9	4.5	4.8	4.5
Manufacturing.....	21.3	21.4	22.9	25.9	25.6	26.3	69.8	69.7	67.3	47.5	47.5	47.0
Trans. and pub. util....	1.5	1.5	1.5	2.3	2.2	2.3	7.7	7.7	7.8	4.0	4.2	4.2
Trade.....	7.7	7.6	7.7	8.9	8.8	9.0	34.7	34.5	34.4	21.6	21.3	21.7
Finance.....	(1)	(1)	(1)	(1)	(1)	(1)	8.5	8.5	8.6	5.7	5.7	5.5
Service.....	7.0	7.1	7.0	6.9	7.0	6.9	26.9	27.2	26.6	18.2	18.2	17.5
Government.....	3.7	3.3	3.3	4.1	4.1	4.1	21.9	21.7	21.9	14.5	14.6	14.4
	MICHIGAN											
	Detroit			Flint			Grand Rapids			Lansing		
TOTAL	1,287.0	1,231.0	1,242.3	134.0	85.1	129.1	124.7	119.3	124.3	101.6	87.5	97.0
Mining.....	.9	.9	.9	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	51.7	53.1	52.0	5.0	4.6	4.2	6.3	6.9	6.5	4.4	4.4	4.2
Manufacturing.....	538.0	489.1	520.4	78.8	31.7	76.0	53.7	47.8	53.5	34.7	21.1	32.0
Trans. and pub. util....	71.2	70.8	67.3	4.5	3.8	4.5	8.2	8.2	8.2	3.1	3.0	3.3
Trade.....	258.6	251.6	241.1	19.1	18.4	18.8	26.8	26.7	26.6	18.2	17.7	17.2
Finance.....	55.2	55.4	53.8	3.0	3.0	2.8	5.2	5.1	5.0	3.3	3.4	3.3
Service.....	170.0	169.3	166.3	11.7	11.8	11.2	14.8	14.8	14.7	9.7	9.8	9.7
Government.....	141.2	140.7	140.6	11.9	11.9	11.6	9.7	9.7	9.7	28.2	28.2	27.2

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

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

(In thousands)

Industry division	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
	MICHIGAN - Continued						MINNESOTA					
	Muskegon - Muskegon Heights			Saginaw			Duluth - Superior			Minneapolis - St. Paul		
TOTAL	45.3	45.0	45.8	60.1	52.7	57.9	50.9	51.3	49.7	623.4	627.9	604.9
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	1.3	1.4	1.3	2.9	3.1	2.9	2.5	2.6	2.4	35.5	38.8	34.4
Manufacturing.....	24.1	23.9	24.4	27.9	20.3	26.2	9.9	9.8	9.4	163.9	164.6	159.9
Trans. and pub. util...	2.3	2.3	2.3	4.6	4.7	4.5	7.9	8.3	7.8	50.4	50.6	49.3
Trade.....	7.1	7.0	7.5	11.5	11.5	11.5	11.6	11.6	11.2	154.5	155.2	149.3
Finance.....	1.2	1.2	1.2	1.6	1.6	1.5	1.9	2.0	2.0	37.0	37.2	37.5
Service.....	4.7	4.7	4.7	6.5	6.5	6.3	9.0	9.1	9.0	97.5	97.7	94.5
Government.....	4.6	4.5	4.6	5.0	5.0	5.1	8.0	8.0	7.9	84.6	83.8	80.0
	MISSISSIPPI			MISSOURI			MONTANA					
	Jackson			Kansas City			St. Louis			Billings		
TOTAL	73.7	74.1	72.4	432.5	426.3	426.3	770.8	764.4	758.0	25.3	25.6	24.9
Mining.....	1.2	1.2	1.2	.6	.6	.6	2.7	2.7	2.7	(1)	(1)	(1)
Contract construction..	5.2	5.5	4.6	24.0	24.8	23.9	41.2	41.6	41.1	2.2	2.1	2.0
Manufacturing.....	11.8	11.9	11.5	110.5	105.7	109.2	263.3	258.5	258.9	3.4	3.6	3.3
Trans. and pub. util...	4.6	4.6	4.7	44.6	44.5	44.7	63.0	63.2	63.3	2.6	2.6	2.7
Trade.....	16.9	16.8	16.7	107.9	106.5	107.2	159.9	156.7	156.0	7.5	7.6	7.5
Finance.....	5.3	5.4	5.3	28.3	28.5	28.0	39.9	40.0	39.9	1.4	1.4	1.4
Service.....	12.2	12.3	12.2	61.6	61.4	60.4	113.1	114.0	111.3	4.5	4.6	4.3
Government.....	16.5	16.6	16.2	55.0	54.3	52.3	87.7	87.7	84.8	3.7	3.7	3.7
	MONTANA - Continued			NEBRASKA			NEVADA			NEW HAMPSHIRE		
	Great Falls			Omaha			Reno			Manchester		
TOTAL	21.9	22.1	22.0	170.8	170.9	169.6	43.6	44.1	41.5	44.1	44.4	44.0
Mining.....	(1)	(1)	(1)	(4)	(4)	(4)	(6)	(6)	(6)	(1)	(1)	(1)
Contract construction..	2.3	2.4	2.2	9.4	9.4	10.9	4.7	5.0	4.5	2.4	2.5	2.4
Manufacturing.....	3.1	3.1	3.1	36.5	36.6	35.6	2.4	2.5	2.4	16.8	16.9	17.2
Trans. and pub. util...	2.2	2.2	2.2	20.2	20.4	20.4	4.0	4.0	3.9	2.6	2.6	2.6
Trade.....	5.4	5.5	5.6	40.7	40.6	40.1	9.3	9.1	8.6	9.5	9.4	9.2
Finance.....	1.3	1.3	1.3	14.1	14.2	14.1	2.2	2.2	2.1	2.6	2.6	2.5
Service.....	3.6	3.6	3.6	26.7	26.8	26.3	13.3	13.6	12.8	6.6	6.7	6.4
Government.....	4.0	4.0	4.0	23.2	23.1	22.5	7.7	7.7	7.2	3.7	3.7	3.7
	NEW JERSEY			NEW JERSEY			NEW JERSEY			NEW JERSEY		
	Jersey City ⁷			Newark ⁷			Paterson - Clifton - Passaic ⁷			Perth Amboy ⁷		
TOTAL	253.5	253.4	254.3	688.1	683.6	680.8	399.4	399.3	397.2	196.6	195.5	194.3
Mining.....	-	-	-	.8	.8	.9	.5	.5	.5	.9	.9	.8
Contract construction..	5.7	5.8	6.0	29.9	30.7	28.5	23.1	23.6	21.0	11.7	11.8	10.1
Manufacturing.....	114.9	114.9	115.9	233.6	231.5	233.1	162.1	162.4	165.9	89.6	89.6	91.8
Trans. and pub. util...	36.0	36.0	36.2	50.7	50.5	50.6	22.6	22.7	22.8	9.5	9.6	9.4
Trade.....	36.9	36.5	36.2	140.5	137.3	139.1	88.9	87.7	87.7	35.0	34.2	34.4
Finance.....	8.9	8.9	8.6	47.3	47.3	47.0	14.1	14.2	13.5	4.0	3.9	3.8
Service.....	24.3	24.6	24.3	108.1	108.6	105.3	51.2	51.5	50.2	19.6	19.6	18.5
Government.....	26.8	26.7	27.1	77.2	76.9	74.3	36.9	36.7	35.6	26.3	25.9	25.5
	NEW JERSEY - Continued			NEW MEXICO			NEW YORK					
	Trenton			Albuquerque			Albany - Schenectady - Troy			Binghamton		
TOTAL	114.0	109.4	112.2	93.4	93.6	90.2	235.6	235.4	231.3	79.4	79.2	78.0
Mining.....	.1	.1	.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	4.5	4.7	4.2	8.3	8.6	7.7	11.0	11.0	9.6	3.1	3.4	3.3
Manufacturing.....	39.0	34.7	38.8	8.7	8.7	8.7	61.5	60.7	61.6	35.8	35.4	34.5
Trans. and pub. util...	6.3	6.2	6.2	6.3	6.4	6.6	13.5	13.6	13.7	3.7	3.8	3.9
Trade.....	20.2	19.8	19.7	21.7	21.5	20.7	48.1	47.8	46.8	13.5	13.4	13.7
Finance.....	4.3	4.3	4.3	5.9	5.9	5.9	9.6	9.7	9.5	2.6	2.6	2.5
Service.....	18.2	18.2	18.1	21.2	21.1	20.2	37.4	38.0	36.0	8.5	8.5	8.4
Government.....	21.4	21.4	20.8	21.3	21.4	20.4	54.6	54.6	54.2	12.1	12.1	11.7

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

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

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

(In thousands)

Industry division	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
	NEW YORK - Continued											
	Buffalo			Elmira ⁸			Nassau and Suffolk Counties ⁹			New York-Northeastern New Jersey		
TOTAL	443.1	434.5	436.1	33.0	33.0	31.5	523.9	525.9	525.9	5,972.3	5,970.3	5,932.5
Mining.....	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)	4.6	4.7	4.7
Contract construction..	19.5	20.9	18.8	-	-	-	34.2	35.4	36.0	242.1	248.0	254.6
Manufacturing.....	168.5	159.9	166.9	14.0	14.1	12.9	128.4	129.3	140.9	1,706.2	1,710.2	1,721.7
Trans. and pub. util...	31.9	31.9	31.6	-	-	-	26.5	26.4	24.8	477.4	477.1	473.6
Trade.....	87.2	86.0	86.2	6.3	6.2	6.3	130.8	128.9	127.9	1,252.0	1,235.0	1,239.7
Finance.....	16.4	16.4	16.3	-	-	-	22.6	22.6	21.8	505.9	506.9	503.5
Service.....	58.3	58.3	57.2	-	-	-	84.9	86.7	82.5	1,013.9	1,021.1	988.3
Government.....	61.2	61.2	59.1	-	-	-	96.5	96.5	91.9	770.4	767.3	746.4
NEW YORK - Continued												
	New York SMSA ⁷			New York City ⁹			Rochester			Syracuse		
TOTAL	4,434.8	4,438.5	4,404.9	3,606.8	3,613.0	3,588.0	256.5	257.5	246.0	192.2	193.4	190.5
Mining.....	2.4	2.5	2.5	1.8	1.8	1.8	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	171.7	176.1	189.0	119.0	121.4	134.9	13.9	14.0	12.1	9.5	10.3	10.3
Manufacturing.....	1,106.1	1,111.8	1,113.0	893.6	903.5	892.0	116.0	117.0	111.4	64.1	64.4	62.9
Trans. and pub. util...	358.6	358.3	354.6	314.3	314.2	312.7	10.8	11.1	10.5	12.3	12.5	12.3
Trade.....	950.7	939.3	941.3	753.7	745.3	750.4	45.8	45.4	44.5	40.5	40.1	40.4
Finance.....	431.6	432.6	430.6	395.4	396.4	395.4	8.9	8.9	8.9	9.5	9.5	9.3
Service.....	810.7	816.8	790.0	666.8	670.2	652.3	35.1	35.1	33.2	28.8	29.2	28.5
Government.....	603.2	601.1	583.9	462.2	460.1	448.5	26.0	25.9	25.3	27.4	27.3	26.9
NEW YORK - Continued												
	Utica - Rome			Westchester County ⁹			Charlotte			Greensboro - High Point		
TOTAL	102.1	102.6	103.7	259.8	255.2	249.3	121.7	121.1	119.6	-	-	-
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
Contract construction..	3.0	3.3	3.5	15.7	16.5	15.4	8.6	8.5	8.6	6.4	6.5	5.7
Manufacturing.....	37.3	37.3	37.6	71.3	66.5	67.8	29.4	29.4	28.8	44.7	44.5	44.4
Trans. and pub. util...	5.2	5.3	5.5	15.5	15.4	15.0	14.1	13.9	13.5	5.6	5.6	5.4
Trade.....	16.4	16.7	16.9	58.5	57.2	56.1	32.9	32.6	33.5	22.8	22.0	22.2
Finance.....	3.9	3.9	4.0	12.0	12.0	12.0	8.5	8.5	8.5	6.5	6.5	6.3
Service.....	11.4	11.6	11.0	52.8	53.6	49.4	16.9	16.9	16.0	-	-	-
Government.....	24.8	24.5	25.2	34.1	34.1	33.6	11.3	11.3	10.7	-	-	-
NORTH CAROLINA - Continued												
	Winston - Salem			Fargo - Moorhead			Akron			Canton		
TOTAL	-	-	-	32.8	32.8	32.2	182.6	179.4	178.4	114.1	113.9	107.7
Mining.....	-	-	-	(1)	(1)	(1)	.1	.1	.1	.5	.6	.5
Contract construction..	-	-	-	2.4	2.6	3.0	6.8	7.0	6.6	4.4	4.6	4.0
Manufacturing.....	37.2	37.3	38.5	2.6	2.7	2.5	82.3	79.7	80.8	55.5	55.1	50.6
Trans. and pub. util...	-	-	-	2.9	2.9	2.8	12.8	12.7	12.7	5.7	5.7	5.8
Trade.....	-	-	-	10.0	10.0	10.0	34.8	34.3	34.3	20.8	20.6	20.2
Finance.....	-	-	-	2.3	2.3	2.2	5.5	5.5	5.3	3.9	4.0	3.8
Service.....	-	-	-	5.8	5.8	5.6	22.8	22.9	21.9	12.9	13.1	12.8
Government.....	-	-	-	6.8	6.5	6.1	17.5	17.4	16.7	10.5	10.3	10.0
OHIO - Continued												
	Cincinnati			Cleveland			Columbus			Dayton		
TOTAL	400.8	397.6	398.0	721.7	707.7	707.5	286.6	282.1	283.5	269.7	268.7	261.2
Mining.....	.3	.3	.3	.4	.4	.4	.7	.7	.8	.5	.5	.5
Contract construction..	20.5	21.1	19.0	32.9	33.6	31.5	15.6	16.1	15.1	11.6	12.1	10.5
Manufacturing.....	141.9	139.4	143.6	275.7	263.3	274.4	72.9	68.6	75.0	109.8	109.6	105.4
Trans. and pub. util...	30.2	30.5	30.3	47.2	46.8	45.9	17.8	17.9	17.6	10.3	10.3	10.1
Trade.....	86.0	83.7	83.9	148.8	146.2	144.7	60.5	59.4	59.4	47.6	46.5	47.4
Finance.....	22.4	22.6	22.2	34.4	34.4	33.9	19.4	19.4	18.5	7.6	7.6	7.4
Service.....	53.4	53.8	52.8	97.3	98.6	94.6	41.2	42.0	39.8	34.7	34.8	32.9
Government.....	46.1	46.1	46.1	85.1	84.4	82.2	58.5	58.0	57.3	47.4	47.4	46.9

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

ESTABLISHMENT DATA
AREA EMPLOYMENT

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

Industry division	(In thousands)											
	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
	OHIO Continued						OKLAHOMA					
	Toledo			Youngstown - Warren			Oklahoma City			Tulsa		
TOTAL.....	163.6	162.1	160.8	163.3	163.7	153.5	203.8	204.0	199.6	146.7	146.2	139.0
Mining.....	.2	.2	.3	.4	.4	.4	6.7	6.7	6.8	13.1	13.0	12.8
Contract construction..	7.6	8.2	6.9	7.2	7.9	6.5	15.5	16.0	15.2	11.9	12.3	9.0
Manufacturing.....	60.5	59.1	60.3	77.8	77.8	70.0	25.7	25.7	25.2	31.7	31.5	29.6
Trans. and pub. util...	12.8	12.8	12.8	8.9	8.9	8.5	12.9	13.1	13.2	14.3	14.3	13.9
Trade.....	35.6	35.0	35.0	29.0	28.5	28.3	48.9	48.5	46.9	33.9	33.5	32.6
Finance.....	6.1	6.1	6.1	4.3	4.3	4.2	13.1	13.0	12.7	7.3	7.3	7.3
Service.....	24.3	24.4	23.5	20.3	20.5	19.9	27.2	27.3	26.5	20.3	20.2	20.1
Government.....	16.5	16.3	16.0	15.4	15.4	15.5	53.8	53.7	53.1	14.2	14.1	13.7
	OREGON			PENNSYLVANIA								
	Portland			Allentown - Bethlehem - Easton			Altoona			Erie		
TOTAL.....	297.6	301.0	287.9	191.6	191.3	184.3	42.4	42.1	41.1	83.7	83.5	80.2
Mining.....	(1)	(1)	(1)	.5	.5	.5	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	16.3	17.1	14.1	7.3	7.4	6.7	1.6	1.6	1.5	2.5	2.7	2.5
Manufacturing.....	68.4	71.9	66.9	98.1	97.9	93.9	12.4	12.2	11.4	40.7	40.5	37.6
Trans. and pub. util...	27.2	27.3	26.9	10.7	10.7	10.6	9.2	9.2	9.3	4.9	4.9	4.7
Trade.....	74.2	73.2	72.9	30.8	30.4	29.8	7.2	7.1	7.2	14.0	13.7	14.0
Finance.....	17.3	17.3	16.9	5.3	5.3	5.3	1.1	1.1	1.1	2.6	2.6	2.6
Service.....	45.1	45.7	43.4	23.2	23.4	22.5	5.8	5.8	5.7	10.4	10.5	10.3
Government.....	49.1	48.5	46.8	15.7	15.7	15.0	5.1	5.1	4.9	8.6	8.6	8.5
	PENNSYLVANIA - Continued											
	Harrisburg			Johnstown			Lancaster			Philadelphia		
TOTAL.....	150.4	149.8	147.1	70.5	70.8	68.2	101.1	100.7	98.9	1,562.7	1,557.7	1,541.7
Mining.....	(1)	(1)	(1)	5.0	5.0	4.8	(1)	(1)	(1)	1.3	1.3	1.4
Contract construction..	7.1	7.3	6.4	2.2	2.4	2.4	5.7	5.8	5.2	79.0	80.7	68.1
Manufacturing.....	34.5	34.5	33.7	25.4	25.4	23.8	49.3	49.1	47.7	539.3	539.3	535.7
Trans. and pub. util...	11.6	11.7	11.9	4.9	4.9	4.8	4.9	4.9	4.9	106.1	106.3	107.8
Trade.....	26.4	25.4	26.2	11.8	11.8	11.7	17.3	17.1	17.4	314.6	308.3	309.6
Finance.....	6.4	6.4	6.4	1.7	1.7	1.7	2.3	2.3	2.3	83.7	83.9	84.3
Service.....	19.9	20.0	19.5	9.7	9.7	9.5	12.9	12.9	12.9	238.3	238.5	234.7
Government.....	44.5	44.5	43.0	9.8	9.9	9.5	8.7	8.6	8.5	200.4	199.4	200.1
	PENNSYLVANIA - Continued											
	Pittsburgh			Reading			Scranton			Wilkes-Barre - Hazleton		
TOTAL.....	774.7	772.8	751.1	107.3	107.7	105.9	76.2	76.1	75.6	106.4	106.3	106.0
Mining.....	9.7	9.7	8.7	(1)	(1)	(1)	1.2	1.2	1.2	4.0	4.0	4.2
Contract construction..	35.2	36.2	35.2	3.9	4.1	4.2	1.8	1.8	1.7	3.4	3.3	3.4
Manufacturing.....	280.9	280.2	264.2	53.3	53.8	52.5	31.8	31.8	31.0	45.1	45.1	44.2
Trans. and pub. util...	56.1	56.1	54.9	5.5	5.6	5.8	5.6	5.6	6.0	5.8	5.8	6.0
Trade.....	149.4	147.5	148.8	16.2	15.8	16.0	13.9	14.0	14.4	18.8	18.7	19.1
Finance.....	33.0	33.0	32.9	4.3	4.3	4.1	2.4	2.4	2.4	3.5	3.5	3.4
Service.....	127.9	128.1	125.7	13.7	13.7	13.4	11.0	10.8	10.7	12.8	12.8	12.7
Government.....	82.5	82.0	80.7	10.4	10.4	9.9	8.5	8.5	8.2	13.0	13.1	13.0
	PENNSYLVANIA - Continued			RHODE ISLAND			SOUTH CAROLINA					
	York			Providence - Pawtucket Warwick			Charleston			Columbia		
TOTAL.....	91.4	90.4	85.8	308.6	307.9	309.1	63.4	63.2	62.1	81.3	81.1	77.4
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	4.9	5.1	4.4	13.3	13.6	13.6	5.1	5.1	4.8	6.1	6.0	5.2
Manufacturing.....	45.4	44.7	40.3	130.5	129.8	130.4	10.0	10.1	10.0	16.4	16.5	15.4
Trans. and pub. util...	5.2	5.1	5.0	14.5	14.5	14.2	4.2	4.1	4.3	4.9	4.9	4.8
Trade.....	16.4	16.1	15.9	56.5	55.6	56.7	13.3	13.1	12.8	17.1	17.0	16.9
Finance.....	2.0	2.0	1.9	13.3	13.3	13.4	2.9	2.9	2.8	5.7	5.7	5.5
Service.....	9.6	9.6	9.5	42.3	42.8	42.5	7.1	7.1	7.0	9.9	9.9	9.7
Government.....	7.9	7.8	8.8	38.2	38.3	38.3	20.8	20.8	20.4	21.2	21.1	19.9

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

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

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

(In thousands)

Industry division	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
	SOUTH CAROLINA - Continued			SOUTH DAKOTA			TENNESSEE					
	Greenville			Sioux Falls			Chattanooga			Knoxville		
TOTAL	93.4	93.0	91.2	30.1	30.5	29.6	101.4	101.3	96.7	127.1	126.8	121.4
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	.2	.2	.2	1.7	1.7	1.7
Contract construction..	6.1	6.3	5.6	2.0	2.4	1.8	4.9	5.0	3.4	6.0	5.8	5.5
Manufacturing.....	46.7	46.4	45.9	5.3	5.3	5.3	42.2	42.0	40.5	44.2	44.4	42.9
Trans. and pub. util...	3.5	3.5	3.4	2.8	2.8	2.9	4.8	4.8	4.7	6.7	6.7	6.5
Trade.....	15.8	15.7	15.4	9.4	9.4	9.0	19.6	19.5	18.6	26.0	25.8	24.6
Finance.....	3.5	3.5	3.5	1.8	1.8	1.7	5.7	5.8	5.5	4.4	4.4	4.2
Service.....	9.6	9.6	9.5	5.1	5.2	5.2	11.6	11.6	11.4	15.0	15.0	14.3
Government.....	8.2	8.0	7.9	3.8	3.7	3.8	12.4	12.4	12.4	23.1	23.0	21.7
	TENNESSEE - Continued						TEXAS					
	Memphis			Nashville			Dallas			Fort Worth		
TOTAL	217.1	216.6	211.9	172.8	172.2	167.8	459.8	458.7	445.5	-	-	-
Mining.....	.2	.3	.3	(1)	(1)	(1)	7.6	7.6	7.8	-	-	-
Contract construction..	11.8	12.4	12.2	10.5	10.3	9.5	29.3	28.8	28.8	-	-	-
Manufacturing.....	49.6	49.4	47.7	52.0	51.8	50.3	110.2	111.2	109.6	59.3	56.3	53.9
Trans. and pub. util...	16.8	16.7	16.6	11.0	10.9	10.7	37.7	38.2	37.6	-	-	-
Trade.....	57.9	56.5	56.0	36.5	36.3	35.4	129.1	128.1	122.6	-	-	-
Finance.....	12.1	12.1	11.5	11.5	11.6	11.5	38.1	38.1	36.9	-	-	-
Service.....	31.6	31.8	31.1	26.9	26.9	26.4	62.1	62.0	59.7	-	-	-
Government.....	37.1	37.4	36.5	24.4	24.4	24.0	45.5	44.7	42.5	-	-	-
	TEXAS - Continued						UTAH			VERMONT		
	Houston			San Antonio			Salt Lake City			Burlington ⁸		
TOTAL	-	-	-	-	-	-	(5)	164.1	162.3	22.4	22.8	22.0
Mining.....	-	-	-	-	-	-	(5)	6.6	6.4	-	-	-
Contract construction..	-	-	-	11.4	11.5	11.9	(5)	12.0	11.6	-	-	-
Manufacturing.....	97.6	97.7	94.1	24.4	24.5	24.1	(5)	28.8	30.1	4.7	4.7	4.5
Trans. and pub. util...	-	-	-	9.4	9.4	9.7	(5)	13.9	13.5	1.6	1.6	1.5
Trade.....	-	-	-	-	-	-	(5)	42.7	42.4	5.4	5.4	5.3
Finance.....	-	-	-	12.2	12.2	12.0	(5)	10.0	9.7	-	-	-
Service.....	-	-	-	-	-	-	(5)	23.3	22.5	-	-	-
Government.....	-	-	-	54.3	54.3	54.1	(5)	26.8	26.1	-	-	-
	VERMONT - Continued			VIRGINIA								
	Springfield ^{3 8}			Newport News - Hampton			Norfolk - Portsmouth			Richmond		
TOTAL	11.9	11.8	11.9	81.8	81.5	77.7	163.2	163.4	161.0	192.8	191.8	186.0
Mining.....	-	-	-	(1)	(1)	(1)	.1	.1	.1	.4	.4	.3
Contract construction..	-	-	-	5.4	5.5	4.7	14.4	14.6	13.0	13.9	14.2	13.5
Manufacturing.....	6.0	5.9	6.4	26.9	26.9	24.3	17.9	18.0	17.2	47.5	47.4	45.4
Trans. and pub. util...	.7	.7	.8	4.1	4.2	4.1	14.1	14.1	14.6	15.3	15.3	15.1
Trade.....	1.6	1.6	1.7	13.4	12.9	12.9	40.0	39.5	39.0	45.5	44.6	44.0
Finance.....	-	-	-	2.4	2.4	2.3	6.6	6.6	6.5	15.3	15.3	15.0
Service.....	-	-	-	8.1	8.1	8.0	20.8	21.0	20.6	24.3	24.3	23.3
Government.....	-	-	-	21.5	21.5	21.4	49.3	49.5	50.0	30.6	30.3	29.4
	VIRGINIA - Continued			WASHINGTON								
	Roanoke			Seattle - Everett			Spokane			Tacoma		
TOTAL	64.7	64.7	63.2	397.7	397.8	399.3	73.3	74.7	73.7	82.4	82.5	79.9
Mining.....	.1	.1	.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	4.6	4.8	4.2	18.2	19.2	18.1	2.8	3.4	3.4	3.9	4.1	4.1
Manufacturing.....	15.7	15.7	14.9	110.1	111.2	116.2	12.2	12.4	12.4	17.5	17.6	16.9
Trans. and pub. util...	8.8	8.7	8.8	29.5	29.6	30.0	7.1	7.2	7.2	5.5	5.5	5.5
Trade.....	14.7	14.6	14.7	90.1	89.5	90.5	19.9	20.1	20.1	17.9	17.9	17.1
Finance.....	3.4	3.4	3.3	24.7	24.9	25.1	4.2	4.2	4.2	4.2	4.2	4.0
Service.....	9.9	10.0	9.8	55.4	55.4	53.8	13.4	13.7	13.1	12.3	12.1	11.9
Government.....	7.5	7.4	7.4	69.7	68.0	65.6	13.7	13.7	13.3	21.1	21.1	20.4

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

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

Industry division	(In thousands)											
	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
	WEST VIRGINIA									WISCONSIN		
	Charleston ³			Huntington - Ashland ³			Wheeling ³			Green Bay		
TOTAL.....	75.8	75.6	77.1	73.8	73.5	71.2	52.9	53.3	51.7	41.2	42.1	41.1
Mining.....	3.5	3.6	3.7	.9	.9	.9	2.5	2.5	2.6	(1)	(1)	(1)
Contract construction..	3.4	3.3	3.1	5.0	5.1	3.7	3.6	3.8	2.6	1.9	2.0	2.3
Manufacturing.....	21.3	21.5	22.6	25.1	25.0	24.0	16.5	16.8	16.5	13.7	14.3	13.6
Trans. and pub. util....	8.6	8.6	8.5	6.8	6.8	7.2	3.7	3.7	3.7	3.8	3.8	3.9
Trade.....	16.5	16.1	16.4	15.9	15.7	15.7	11.2	11.2	11.6	10.6	10.7	10.4
Finance.....	3.2	3.2	3.2	2.7	2.7	2.6	1.9	1.9	1.9	1.2	1.2	1.2
Service.....	9.4	9.5	9.8	7.9	8.0	8.0	7.7	7.7	7.4	5.8	5.9	5.8
Government.....	9.9	10.0	9.8	9.5	9.5	9.2	5.9	5.8	5.6	4.2	4.1	4.0
	WISCONSIN - Continued											
	Kenosha			La Crosse			Madison			Milwaukee		
TOTAL.....	37.9	37.6	38.6	22.9	23.7	23.4	90.9	91.1	86.8	479.6	483.6	473.2
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	1.3	1.4	1.5	1.2	1.3	1.1	4.9	5.3	4.6	22.3	22.6	19.8
Manufacturing.....	22.2	21.7	22.8	6.7	7.3	7.4	14.3	14.4	13.3	191.8	196.7	192.2
Trans. and pub. util....	1.4	1.4	1.8	2.0	2.0	1.9	4.8	4.8	4.6	27.3	27.4	27.5
Trade.....	5.3	5.3	5.0	5.5	5.6	5.6	18.8	18.5	18.1	98.3	96.2	97.9
Finance.....	.7	.7	.6	.6	.6	.6	4.7	4.7	4.4	23.2	23.1	22.9
Service.....	3.9	3.9	3.8	4.2	4.3	4.2	12.5	12.7	11.9	63.3	64.3	62.1
Government.....	3.2	3.2	3.0	2.6	2.6	2.6	30.9	30.8	29.9	53.4	53.3	50.9
	WISCONSIN - Continued			WYOMING						CALIFORNIA - Continued		
	Racine			Casper			Cheyenne			Anaheim - Santa Ana - Garden Grove		
TOTAL.....	49.0	49.0	46.6	18.5	18.9	17.5	19.3	20.1	20.3	283.6	282.4	260.1
Mining.....	(1)	(1)	(1)	3.4	3.5	3.5	(1)	(1)	(1)	1.6	1.6	1.6
Contract construction..	1.6	1.9	1.8	1.7	1.8	1.6	2.2	2.8	3.9	25.3	25.8	23.7
Manufacturing.....	24.2	24.0	22.3	1.6	1.6	1.5	2.0	2.0	1.4	93.1	93.6	89.0
Trans. and pub. util....	1.8	1.8	1.8	1.6	1.6	1.6	2.5	2.6	2.7	9.0	9.0	8.5
Trade.....	8.9	8.8	8.7	4.6	4.6	4.0	4.1	4.1	4.0	58.8	57.6	53.0
Finance.....	1.3	1.3	1.3	.8	.8	.8	1.0	1.0	.9	12.6	12.6	11.4
Service.....	6.0	6.0	5.7	2.3	2.4	2.1	2.3	2.5	2.3	40.9	40.8	35.5
Government.....	5.2	5.1	4.9	2.5	2.6	2.4	5.2	5.1	5.1	42.3	41.4	37.4

¹Combined with service.

²See end of table for additional area.

³Revised series; not strictly comparable with previously published data.

⁴Combined with construction.

⁵Not available.

⁶Combined with manufacturing.

⁷Area included in New York-Northeastern New Jersey Standard Consolidated Area.

⁸Total includes data for industry divisions not shown separately.

⁹Subarea 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 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	.866
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.....	103.38	40.7	2.54	112.19	41.4	2.71	90.91	39.7	2.29
1963: December.....	102.66	40.9	2.51	111.90	41.6	2.69	90.57	39.9	2.27
1964: January.....	100.30	39.8	2.52	109.21	40.6	2.69	88.24	38.7	2.28
February.....	101.15	40.3	2.51	110.29	41.0	2.69	89.44	39.4	2.27
March.....	101.40	40.4	2.51	110.29	41.0	2.69	89.67	39.5	2.27
April.....	102.47	40.5	2.53	111.51	41.3	2.70	89.83	39.4	2.28
May.....	102.97	40.7	2.53	112.47	41.5	2.71	90.91	39.7	2.29
June.....	103.48	40.9	2.53	113.01	41.7	2.71	91.37	39.9	2.29
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	91.94	39.8	2.31
December.....	106.55	41.3	2.58	116.47	42.2	2.76	92.80	40.0	2.32

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the hours and earnings series. Data for the 2 most recent months and 1964 annual averages are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
MINING	-	\$121.25	\$122.11	\$116.62	\$114.12	-	\$2.88	\$2.88	\$2.81	\$2.77
METAL MINING	-	124.61	124.38	120.93	119.02	-	3.01	2.99	2.90	2.91
Iron ores	-	125.06	124.49	123.91	116.80	-	3.15	3.12	3.09	3.09
Copper ores	-	134.35	133.92	126.69	128.17	-	3.11	3.10	2.96	2.96
COAL MINING	-	134.67	133.72	126.56	118.31	-	3.35	3.31	3.18	3.13
Bituminous	-	136.55	136.35	128.40	119.45	-	3.38	3.35	3.21	3.16
CRUDE PETROLEUM AND NATURAL GAS	-	115.50	116.05	113.94	112.83	-	2.75	2.75	2.70	2.68
Crude petroleum and natural gas fields	-	123.71	121.66	121.54	120.54	-	3.01	2.96	2.95	2.94
Oil and gas field services	-	109.14	111.46	107.32	106.46	-	2.55	2.58	2.49	2.47
QUARRYING AND NONMETALLIC MINING	-	115.01	118.42	105.33	108.24	-	2.55	2.58	2.49	2.46
CONTRACT CONSTRUCTION	-	131.36	138.62	124.61	124.51	-	3.56	3.61	3.53	3.43
GENERAL BUILDING CONTRACTORS	-	122.11	127.67	115.25	115.50	-	3.43	3.46	3.36	3.30
HEAVY CONSTRUCTION	-	130.24	142.52	117.81	123.60	-	3.20	3.33	3.21	3.09
Highway and street construction	-	125.05	141.38	108.72	120.09	-	3.05	3.25	3.08	2.98
Other heavy construction	-	135.41	143.79	126.54	127.98	-	3.36	3.44	3.33	3.24
SPECIAL TRADE CONTRACTORS	-	139.03	144.38	133.48	131.01	-	3.83	3.85	3.76	3.68
MANUFACTURING	\$106.55	104.70	102.97	102.66	100.85	\$2.58	2.56	2.53	2.51	2.49
DURABLE GOODS	116.47	113.57	111.51	111.90	110.00	2.76	2.73	2.70	2.69	2.67
NONDURABLE GOODS	92.80	91.94	92.00	90.57	89.10	2.32	2.31	2.30	2.27	2.25
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	127.10	123.83	123.83	123.26	120.47	3.07	3.05	3.05	2.97	2.96
Ammunition, except for small arms	129.47	126.77	127.17	125.63	122.51	3.15	3.13	3.14	3.02	3.01
Sighting and fire control equipment	-	126.67	129.27	129.78	128.75	-	3.12	3.13	3.15	3.11
Other ordnance and accessories	121.67	117.79	116.40	117.29	114.77	2.89	2.88	2.86	2.84	2.82
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	86.22	84.14	87.85	83.20	82.97	2.15	2.13	2.18	2.08	2.09
Sawmills and planing mills	78.00	78.40	80.40	76.43	76.42	1.95	1.96	1.99	1.93	1.92
Sawmills and planing mills, general	-	80.00	82.01	77.81	77.42	-	2.01	2.04	1.98	1.96
Millwork, plywood, and related products	93.71	93.30	93.94	91.72	90.83	2.28	2.27	2.28	2.21	2.21
Millwork	-	90.23	91.08	89.35	89.54	-	2.25	2.26	2.19	2.20
Veneer and plywood	-	96.67	97.52	94.55	92.80	-	2.28	2.30	2.23	2.22
Wooden containers	70.12	69.77	70.53	68.17	67.49	1.74	1.74	1.75	1.70	1.70
Wooden boxes, shooks, and crates	-	67.70	68.85	66.26	66.09	-	1.68	1.70	1.64	1.64
Miscellaneous wood products	77.36	76.95	77.74	76.14	75.74	1.91	1.90	1.91	1.88	1.87
FURNITURE AND FIXTURES	88.40	86.73	86.94	85.06	83.43	2.08	2.07	2.07	2.03	2.02
Household furniture	84.97	83.13	83.13	81.87	79.87	1.99	1.97	1.97	1.94	1.92
Wood house furniture, upholstered	-	79.24	78.44	76.72	75.23	-	1.83	1.82	1.78	1.77
Wood house furniture, upholstered	-	90.06	88.38	90.95	87.34	-	2.17	2.14	2.14	2.12
Mattresses and bedsprings	-	86.72	90.80	84.53	83.53	-	2.19	2.22	2.14	2.12
Office furniture	-	98.71	98.47	99.36	94.37	-	2.39	2.39	2.36	2.33
Partitions; office and store fixtures	-	108.12	109.45	102.26	101.89	-	2.65	2.65	2.55	2.56
Other furniture and fixtures	92.01	88.80	89.02	87.56	86.51	2.17	2.15	2.14	2.12	2.11
STONE, CLAY, AND GLASS PRODUCTS	106.55	107.33	108.62	101.50	103.75	2.58	2.58	2.58	2.50	2.50
Flat glass	-	151.98	146.78	135.74	143.45	-	3.51	3.47	3.36	3.44
Glass and glassware, pressed or blown	104.45	103.94	102.36	98.39	100.50	2.56	2.56	2.54	2.51	2.50
Glass containers	-	104.34	102.54	101.40	100.44	-	2.57	2.57	2.51	2.48
Pressed and blown glassware, n.e.c.	-	103.38	102.16	94.25	100.55	-	2.54	2.51	2.50	2.52
Cement, hydraulic	116.80	123.85	122.13	117.26	120.30	2.92	2.97	2.95	2.86	2.92
Structural clay products	92.48	92.70	93.41	88.29	90.03	2.25	2.25	2.24	2.18	2.18
Brick and structural clay tile	-	88.41	88.61	84.25	86.72	-	2.09	2.08	2.04	2.05
Pottery and related products	-	95.47	92.69	91.71	91.83	-	2.34	2.30	2.31	2.29
Concrete, gypsum, and plaster products	105.41	108.63	114.04	100.86	106.21	2.54	2.55	2.58	2.46	2.47
Other stone and mineral products	109.72	108.00	108.36	104.33	103.75	2.60	2.59	2.58	2.52	2.50
Abrasive products	-	109.75	108.81	105.52	104.34	-	2.69	2.68	2.58	2.57

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 workers¹, by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
MINING	-	42.1	42.4	41.5	41.2	-	-	-	-	-
METAL MINING	-	41.4	41.6	41.7	40.9	-	-	-	-	-
Iron ores	-	39.7	39.9	40.1	37.8	-	-	-	-	-
Copper ores	-	43.2	43.2	42.8	43.3	-	-	-	-	-
COAL MINING	-	40.2	40.4	39.8	37.8	-	-	-	-	-
Bituminous	-	40.4	40.7	40.0	37.8	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS	-	42.0	42.2	42.2	42.1	-	-	-	-	-
Crude petroleum and natural gas fields	-	41.1	41.1	41.2	41.0	-	-	-	-	-
Oil and gas field services	-	42.8	43.2	43.1	43.1	-	-	-	-	-
QUARRYING AND NONMETALLIC MINING	-	45.1	45.9	42.3	44.0	-	-	-	-	-
CONTRACT CONSTRUCTION	-	36.9	38.4	35.3	36.3	-	-	-	-	-
GENERAL BUILDING CONTRACTORS	-	35.6	36.9	34.3	35.0	-	-	-	-	-
HEAVY CONSTRUCTION	-	40.7	42.8	36.7	40.0	-	-	-	-	-
Highway and street construction	-	41.0	43.5	35.3	40.3	-	-	-	-	-
Other heavy construction	-	40.3	41.8	38.0	39.5	-	-	-	-	-
SPECIAL TRADE CONTRACTORS	-	36.3	37.5	35.5	35.6	-	-	-	-	-
MANUFACTURING	41.3	40.9	40.7	40.9	40.5	3.5	3.3	3.3	3.1	3.0
DURABLE GOODS	42.2	41.6	41.3	41.6	41.2	3.8	3.5	3.4	3.3	3.2
NONDURABLE GOODS	40.0	39.8	40.0	39.9	39.6	3.1	3.0	3.1	2.8	2.8
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	41.4	40.6	40.6	41.5	40.7	-	1.9	2.0	2.6	2.3
Ammunition, except for small arms	41.1	40.5	40.5	41.6	40.7	-	1.9	2.0	2.8	2.6
Sighting and fire control equipment	-	40.6	41.3	41.2	41.4	-	1.0	1.2	1.7	1.2
Other ordnance and accessories	42.1	40.9	40.7	41.3	40.7	-	2.2	2.0	2.3	1.8
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	40.1	39.5	40.3	40.0	39.7	-	3.3	3.5	3.2	3.3
Sawmills and planing mills	40.0	40.0	40.4	39.6	39.8	-	3.3	3.5	3.2	3.3
Sawmills and planing mills, general	-	39.8	40.2	39.3	39.5	-	-	-	-	-
Millwork, plywood, and related products	41.1	41.1	41.2	41.5	41.1	-	3.6	3.6	3.6	3.6
Millwork	-	40.1	40.3	40.8	40.7	-	-	-	-	-
Veneer and plywood	-	42.4	42.4	42.4	41.8	-	-	-	-	-
Wooden containers	40.3	40.1	40.3	40.1	39.7	-	2.7	3.0	2.6	2.5
Wooden boxes, shooks, and crates	-	40.3	40.5	40.4	40.3	-	-	-	-	-
Miscellaneous wood products	40.5	40.5	40.7	40.5	40.5	-	3.1	3.3	2.8	3.0
FURNITURE AND FIXTURES	42.5	41.9	42.0	41.9	41.3	-	3.8	3.8	3.6	3.4
Household furniture	42.7	42.2	42.2	42.2	41.6	-	4.0	4.0	4.0	3.6
Wood house furniture, upholstered	-	43.3	43.1	43.1	42.5	-	-	-	-	-
Wood house furniture, upholstered	-	41.5	41.3	42.5	41.2	-	-	-	-	-
Mattresses and bedsprings	-	39.6	40.9	39.5	39.4	-	-	-	-	-
Office furniture	-	41.3	41.2	42.1	40.5	-	2.9	2.8	2.5	2.0
Partitions; office and store fixtures	-	40.8	41.3	40.1	39.8	-	2.8	3.5	1.8	2.2
Other furniture and fixtures	42.4	41.3	41.6	41.3	41.0	-	3.5	3.8	3.0	3.2
STONE, CLAY, AND GLASS PRODUCTS	41.3	41.6	42.1	40.6	41.5	-	4.0	4.2	3.3	3.8
Flat glass	-	43.3	42.3	40.4	41.7	-	6.0	4.0	3.4	4.5
Glass and glassware, pressed or blown	40.8	40.6	40.3	39.2	40.2	-	3.6	3.9	3.0	3.1
Glass containers	-	40.6	39.9	40.4	40.5	-	-	-	-	-
Pressed and blown glassware, n.e.c.	-	40.7	40.7	37.7	39.9	-	-	-	-	-
Cement, hydraulic	40.0	41.7	41.4	41.0	41.2	-	2.2	2.2	1.8	1.8
Structural clay products	41.1	41.2	41.7	40.5	41.3	-	3.3	3.5	2.8	3.5
Brick and structural clay tile	-	42.3	42.6	41.3	42.3	-	-	-	-	-
Pottery and related products	-	40.8	40.3	39.7	40.1	-	2.6	2.5	2.3	2.2
Concrete, gypsum, and plaster products	41.5	42.6	44.2	41.0	43.0	-	5.7	6.4	4.3	5.6
Other stone and mineral products	42.2	41.7	42.0	41.4	41.5	-	3.2	3.3	3.0	3.1
Abrasive products	-	40.8	40.6	40.9	40.6	-	-	-	-	-

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table C-2: Gross hours and earnings of production workers¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	\$132.51	\$130.52	\$129.48	\$126.38	\$123.73	\$3.14	\$3.13	\$3.12	\$3.06	\$3.04
Blast furnace and basic steel products	142.54	139.59	139.67	131.41	128.58	3.41	3.38	3.39	3.31	3.28
Blast furnaces, steel and rolling mills	-	140.56	140.97	132.72	129.87	-	3.42	3.43	3.36	3.33
Iron and steel foundries	122.24	119.43	115.37	120.81	116.20	2.81	2.81	2.76	2.79	2.76
Gray iron foundries	-	119.11	113.10	118.32	113.79	-	2.77	2.68	2.72	2.69
Malleable iron foundries	-	116.69	113.60	125.28	121.40	-	2.86	2.84	2.90	2.87
Steel foundries	-	121.38	119.97	123.84	118.56	-	2.89	2.87	2.88	2.85
Nonferrous smelting and refining	121.93	120.47	121.47	119.97	118.98	2.91	2.91	2.92	2.87	2.86
Nonferrous rolling, drawing and extruding	122.83	123.54	120.54	123.12	120.56	2.89	2.90	2.87	2.85	2.83
Copper rolling, drawing, and extruding	-	126.52	121.60	126.42	122.22	-	2.97	2.93	2.94	2.91
Aluminum rolling, drawing, and extruding	-	127.56	123.79	129.26	127.50	-	3.03	2.99	3.02	3.00
Nonferrous wire drawing and insulating	-	117.39	117.27	115.37	113.52	-	2.73	2.74	2.64	2.64
Nonferrous foundries	110.92	109.45	109.71	110.35	108.62	2.66	2.65	2.65	2.64	2.63
Aluminum castings	-	109.45	109.71	112.71	110.81	-	2.65	2.65	2.69	2.67
Other nonferrous castings	-	110.12	109.71	108.42	106.04	-	2.66	2.65	2.60	2.58
Miscellaneous primary metal industries	138.78	138.78	138.02	134.62	130.73	3.25	3.25	3.24	3.16	3.12
Iron and steel forgings	-	141.46	141.46	137.01	134.55	-	3.36	3.36	3.27	3.25
FABRICATED METAL PRODUCTS	114.21	112.98	110.24	111.04	109.56	2.70	2.69	2.65	2.65	2.64
Metal cans	127.91	128.83	128.52	129.44	129.44	3.06	3.06	3.06	3.06	3.06
Cutlery, hand tools, and general hardware	108.58	106.71	101.18	109.04	108.00	2.61	2.59	2.48	2.59	2.59
Cutlery and hand tools, including saws	-	104.25	101.09	100.77	99.55	-	2.50	2.49	2.44	2.44
Hardware, n.e.c.	-	108.39	100.61	113.74	112.67	-	2.65	2.46	2.67	2.67
Heating equipment and plumbing fixtures	103.68	104.45	105.37	102.87	102.62	2.56	2.56	2.57	2.54	2.54
Sanitary ware and plumbers' brass goods	-	104.90	103.72	102.43	102.29	-	2.59	2.58	2.58	2.57
Heating equipment, except electric	-	104.65	106.75	102.75	102.66	-	2.54	2.56	2.50	2.51
Fabricated structural metal products	112.98	111.49	110.95	109.03	108.36	2.69	2.68	2.68	2.64	2.63
Fabricated structural steel	-	112.47	114.53	110.00	110.81	-	2.71	2.74	2.67	2.67
Metal doors, sash, frames, and trim	-	95.24	95.00	94.07	93.48	-	2.34	2.34	2.30	2.28
Fabricated plate work (boiler shops)	-	118.85	116.76	115.51	113.99	-	2.79	2.78	2.77	2.76
Sheet metal work	-	115.36	116.33	113.71	112.48	-	2.80	2.81	2.76	2.75
Architectural and miscellaneous metal work	-	113.84	109.48	108.77	108.94	-	2.73	2.69	2.64	2.67
Screw machine products, bolts, etc.	115.61	115.88	116.04	110.24	107.68	2.67	2.67	2.68	2.60	2.57
Screw machine products	-	110.06	109.30	103.81	102.97	-	2.53	2.53	2.46	2.44
Bolts, nuts, screws, rivets, and washers	-	121.24	121.67	115.60	111.90	-	2.80	2.81	2.72	2.69
Metal stampings	128.47	126.73	115.21	123.26	119.71	2.90	2.90	2.73	2.84	2.81
Coating, engraving, and allied services	101.10	99.90	99.60	97.34	96.64	2.39	2.39	2.40	2.34	2.34
Miscellaneous fabricated wire products	101.75	102.58	100.60	99.01	97.17	2.44	2.46	2.43	2.38	2.37
Miscellaneous fabricated metal products	112.17	110.39	110.68	106.75	104.90	2.69	2.66	2.68	2.61	2.59
Valves, pipe, and pipe fittings	-	114.93	113.57	108.79	107.59	-	2.73	2.73	2.66	2.65
MACHINERY	124.70	122.83	120.38	120.42	117.88	2.90	2.89	2.88	2.84	2.82
Engines and turbines	130.73	129.78	126.45	129.79	127.20	3.15	3.15	3.13	3.12	3.11
Steam engines and turbines	-	145.51	142.88	140.69	138.84	-	3.44	3.41	3.39	3.37
Internal combustion engines, n.e.c.	-	123.22	119.10	124.38	121.58	-	3.02	3.00	2.99	2.98
Farm machinery and equipment	-	117.96	119.36	116.31	112.16	-	2.87	2.89	2.83	2.79
Construction and related machinery	121.96	120.80	108.39	119.56	117.18	2.89	2.89	2.86	2.84	2.81
Construction and mining machinery	-	120.36	98.16	119.65	116.97	-	2.95	2.93	2.89	2.86
Oil field machinery and equipment	-	119.19	121.66	116.14	114.59	-	2.74	2.74	2.72	2.69
Conveyors, hoists, and industrial cranes	-	118.85	119.82	119.51	118.25	-	2.79	2.78	2.76	2.75
Metalworking machinery and equipment	139.33	135.83	134.33	135.28	130.03	3.11	3.08	3.06	3.04	3.01
Machine tools, metal cutting types	-	134.25	134.85	129.07	126.73	-	3.01	3.01	2.94	2.92
Special dies, tools, jigs, and fixtures	-	143.21	140.92	151.26	142.85	-	3.24	3.21	3.26	3.21
Machine tool accessories	-	124.85	121.26	118.28	117.18	-	2.89	2.86	2.77	2.79
Miscellaneous metalworking machinery	-	133.93	133.79	126.87	121.51	-	3.03	3.02	2.93	2.90
Special industry machinery	119.46	117.50	116.53	114.48	110.99	2.74	2.72	2.71	2.65	2.63
Food products machinery	-	119.26	120.12	117.87	114.13	-	2.86	2.86	2.78	2.75
Textile machinery	-	99.30	98.64	98.67	94.66	-	2.32	2.31	2.30	2.27
General industrial machinery	124.41	123.11	122.11	120.13	117.03	2.90	2.89	2.88	2.84	2.82
Pumps; air and gas compressors	-	122.11	119.71	117.30	114.39	-	2.82	2.81	2.76	2.73
Ball and roller bearings	-	123.48	123.48	122.30	120.89	-	2.94	2.94	2.94	2.92
Mechanical power transmission goods	-	125.72	124.70	123.98	118.58	-	2.89	2.90	2.85	2.81
Office, computing, and accounting machines	124.68	123.37	122.36	115.42	119.19	2.99	2.98	2.97	2.90	2.90
Computing machines and cash registers	-	130.60	130.92	121.44	126.69	-	3.17	3.17	3.09	3.09
Service industry machines	110.27	107.86	107.45	106.45	103.57	2.67	2.65	2.64	2.59	2.57
Refrigeration, except home refrigerators	-	107.46	107.73	107.38	103.31	-	2.66	2.66	2.60	2.57
Miscellaneous machinery	118.86	115.83	116.10	114.28	111.99	2.72	2.70	2.70	2.67	2.66
Machine shops, jobbing and repair	-	114.38	114.65	112.04	111.09	-	2.66	2.66	2.63	2.62
Machine parts, n.e.c., except electrical	-	118.15	119.41	118.80	114.40	-	2.78	2.79	2.75	2.75

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

ESTABLISHMENT DATA
HOURS AND EARNINGS

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

Industry	Average weekly hours					Average overtime hours				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	42.2	41.7	41.5	41.3	40.7	-	3.4	3.4	2.8	2.5
Blast furnaces and basic steel products	41.8	41.3	41.2	39.7	39.2	-	2.8	3.0	1.4	1.2
Blast furnaces, steel and rolling mills	-	41.1	41.1	39.5	39.0	-	-	-	-	-
Iron and steel foundries	43.5	42.5	41.8	43.3	42.1	-	4.2	4.3	4.7	4.2
Gray iron foundries	-	43.0	42.2	43.5	42.3	-	-	-	-	-
Malleable iron foundries	-	40.8	40.0	43.2	42.3	-	-	-	-	-
Steel foundries	-	42.0	41.8	43.0	41.6	-	-	-	-	-
Nonferrous smelting and refining	41.9	41.4	41.6	41.8	41.6	-	3.3	3.4	2.9	2.7
Nonferrous rolling, drawing and extruding	42.5	42.6	42.0	43.2	42.6	-	4.2	3.6	4.2	3.9
Copper rolling, drawing, and extruding	-	42.6	41.5	43.0	42.0	-	-	-	-	-
Aluminum rolling, drawing, and extruding	-	42.1	41.4	42.8	42.5	-	-	-	-	-
Nonferrous wire drawing and insulating	-	43.0	42.8	43.7	43.0	-	-	-	-	-
Nonferrous foundries	41.7	41.3	41.4	41.8	41.3	-	3.1	3.3	3.4	3.1
Aluminum castings	-	41.3	41.4	41.9	41.5	-	-	-	-	-
Other nonferrous castings	-	41.4	41.4	41.7	41.1	-	-	-	-	-
Miscellaneous primary metal industries	42.7	42.7	42.6	42.6	41.9	-	4.6	4.4	3.8	3.5
Iron and steel forgings	-	42.1	42.1	41.9	41.4	-	-	-	-	-
FABRICATED METAL PRODUCTS	42.3	42.0	41.6	41.9	41.5	-	3.7	3.5	3.3	3.2
Metal cans	41.8	42.1	42.0	42.3	42.3	-	3.2	3.3	3.0	3.4
Cutlery, hand tools, and general hardware	41.6	41.2	40.8	42.1	41.7	-	2.9	2.9	3.4	3.5
Cutlery and hand tools, including saws	-	41.7	40.6	41.3	40.8	-	-	-	-	-
Hardware, n.e.c.	-	40.9	40.9	42.6	42.2	-	-	-	-	-
Heating equipment and plumbing fixtures	40.5	40.8	41.0	40.5	40.4	-	2.4	2.8	2.1	2.2
Sanitary ware and plumbers' brass goods	-	40.5	40.2	39.7	39.8	-	-	-	-	-
Heating equipment, except electric	-	41.2	41.7	41.1	40.9	-	-	-	-	-
Fabricated structural metal products	42.0	41.6	41.4	41.3	41.2	-	3.5	3.4	3.0	2.9
Fabricated structural steel	-	41.5	41.8	41.2	41.5	-	-	-	-	-
Metal doors, sash, frames, and trim	-	40.7	40.6	40.9	41.0	-	-	-	-	-
Fabricated plate work (boiler shops)	-	42.6	42.0	41.7	41.3	-	-	-	-	-
Sheet metal work	-	41.2	41.4	41.2	40.9	-	-	-	-	-
Architectural and miscellaneous metal work	-	41.7	40.7	41.2	40.8	-	-	-	-	-
Screw machine products, bolts, etc.	43.3	43.4	43.3	42.4	41.9	-	4.9	4.8	3.6	3.4
Screw machine products	-	43.5	43.2	42.2	42.2	-	-	-	-	-
Bolts, nuts, screws, rivets, and washers	-	43.3	43.3	42.5	41.6	-	-	-	-	-
Metal stampings	44.3	43.7	42.2	43.4	42.6	-	5.1	4.2	4.4	4.1
Coating, engraving, and allied services	42.3	41.8	41.5	41.6	41.3	-	4.0	4.0	3.6	3.8
Miscellaneous fabricated wire products	41.7	41.7	41.4	41.6	41.0	-	3.4	3.4	3.1	3.3
Miscellaneous fabricated metal products	41.7	41.5	41.3	40.9	40.5	-	2.8	3.0	2.7	2.5
Valves, pipe, and pipe fittings	-	42.1	41.6	40.9	40.6	-	-	-	-	-
MACHINERY	43.0	42.5	41.8	42.4	41.8	-	3.9	3.8	3.7	3.4
Engines and turbines	41.5	41.2	40.4	41.6	40.9	-	3.4	2.5	3.2	2.7
Steam engines and turbines	-	42.3	41.9	41.5	41.2	-	-	-	-	-
Internal combustion engines, n.e.c.	-	40.8	39.7	41.6	40.8	-	-	-	-	-
Farm machinery and equipment	-	41.1	41.3	41.1	40.2	-	2.4	2.5	2.5	1.8
Construction and related machinery	42.2	41.8	37.9	42.1	41.7	-	3.6	3.4	3.1	3.0
Construction and mining machinery	-	40.8	33.5	41.4	40.9	-	-	-	-	-
Oil field machinery and equipment	-	43.5	44.4	42.7	42.6	-	-	-	-	-
Conveyors, hoists, and industrial cranes	-	42.6	43.1	43.3	43.0	-	-	-	-	-
Metalworking machinery and equipment	44.8	44.1	43.9	44.5	43.2	-	5.6	5.5	5.6	5.0
Machine tools, metal cutting types	-	44.6	44.8	43.9	43.4	-	-	-	-	-
Special dies, tools, jigs, and fixtures	-	44.2	43.9	46.4	44.5	-	-	-	-	-
Machine tool accessories	-	43.2	42.4	42.7	42.0	-	-	-	-	-
Miscellaneous metalworking machinery	-	44.2	44.3	43.3	41.9	-	-	-	-	-
Special industry machinery	43.6	43.2	43.0	43.2	42.2	-	4.5	4.4	4.2	3.6
Food products machinery	-	41.7	42.0	42.4	41.5	-	-	-	-	-
Textile machinery	-	42.8	42.7	42.9	41.7	-	-	-	-	-
General industrial machinery	42.9	42.6	42.4	42.3	41.5	-	3.6	3.7	3.4	3.1
Pumps; air and gas compressors	-	43.3	42.6	42.5	41.9	-	-	-	-	-
Ball and roller bearings	-	42.0	42.0	41.6	41.4	-	-	-	-	-
Mechanical power transmission goods	-	43.5	43.0	43.5	42.2	-	-	-	-	-
Office, computing, and accounting machines	41.7	41.4	41.2	39.8	41.1	-	2.6	2.5	1.9	2.2
Computing machines and cash registers	-	41.2	41.3	39.3	41.0	-	-	-	-	-
Service industry machines	41.3	40.7	40.7	41.1	40.3	-	2.1	2.4	2.1	1.8
Refrigeration, except home refrigerators	-	40.4	40.5	41.3	40.2	-	-	-	-	-
Miscellaneous machinery	43.7	42.9	43.0	42.8	42.1	-	4.5	4.6	4.7	4.3
Machine shops, jobbing and repair	-	43.0	43.1	42.6	42.4	-	-	-	-	-
Machine parts, n.e.c., except electrical	-	42.5	42.8	43.2	41.6	-	-	-	-	-

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	\$104.65	\$103.73	\$103.48	\$102.41	\$100.60	\$2.54	\$2.53	\$2.53	\$2.51	\$2.49
Electric distribution equipment	114.09	112.86	113.55	113.97	109.61	2.71	2.70	2.71	2.72	2.68
Electric measuring instruments	-	98.49	99.23	100.86	97.76	-	2.42	2.45	2.46	2.45
Power and distribution transformers	-	116.47	117.30	114.26	110.15	-	2.76	2.76	2.74	2.68
Switchgear and switchboard apparatus	-	121.26	122.26	124.26	118.56	-	2.86	2.87	2.91	2.85
Electrical industrial apparatus	112.41	111.99	110.92	107.79	104.90	2.67	2.66	2.66	2.61	2.59
Motors and generators	-	112.86	112.32	111.64	108.53	-	2.70	2.70	2.69	2.66
Industrial controls	-	112.99	109.78	103.16	100.50	-	2.64	2.62	2.51	2.50
Household appliances	112.61	112.34	110.83	109.88	106.53	2.72	2.72	2.69	2.68	2.65
Household refrigerators and freezers	-	124.20	121.01	122.22	113.58	-	2.95	2.93	2.91	2.89
Household laundry equipment	-	114.80	114.12	112.33	110.84	-	2.80	2.77	2.76	2.73
Electric housewares and fans	-	96.22	95.24	89.08	92.00	-	2.37	2.34	2.29	2.30
Electric lighting and wiring equipment	97.85	96.56	95.68	96.70	94.87	2.41	2.39	2.38	2.37	2.36
Electric lamps	-	99.94	99.94	101.19	99.23	-	2.48	2.48	2.45	2.45
Lighting fixtures	-	96.00	93.85	97.61	95.51	-	2.40	2.37	2.41	2.37
Wiring devices	-	95.47	95.24	93.43	91.77	-	2.34	2.34	2.29	2.30
Radio and TV receiving sets	89.42	88.13	89.02	87.25	87.02	2.23	2.22	2.22	2.22	2.22
Communication equipment	115.93	115.23	115.51	110.56	109.08	2.78	2.77	2.79	2.69	2.68
Telephone and telegraph apparatus	-	119.85	120.54	108.26	106.13	-	2.82	2.87	2.66	2.64
Radio and TV communication equipment	-	112.34	112.34	111.65	110.43	-	2.74	2.74	2.71	2.70
Electronic components and accessories	87.26	87.89	86.83	84.38	84.19	2.16	2.17	2.16	2.12	2.11
Electron tubes	-	101.82	100.36	98.71	98.06	-	2.43	2.43	2.39	2.38
Electronic components, n.e.c.	-	83.81	82.99	79.78	79.79	-	2.09	2.08	2.03	2.02
Miscellaneous electrical equipment and supplies	108.26	103.89	107.71	113.25	110.81	2.66	2.63	2.64	2.69	2.67
Electrical equipment for engines	-	103.85	111.04	119.71	116.33	-	2.74	2.79	2.83	2.81
TRANSPORTATION EQUIPMENT	142.52	133.56	125.15	133.61	132.68	3.21	3.15	3.06	3.10	3.10
Motor vehicles and equipment	(2)	140.29	128.23	144.26	142.65	(2)	3.24	3.12	3.22	3.22
Motor vehicles	-	148.62	138.74	151.06	152.64	-	3.37	3.28	3.32	3.34
Passenger car bodies	-	157.08	105.50	155.50	163.31	-	3.46	3.36	3.41	3.46
Truck and bus bodies	-	111.22	103.02	104.39	103.02	-	2.68	2.55	2.54	2.55
Motor vehicle parts and accessories	-	134.30	126.38	141.96	136.51	-	3.16	3.09	3.19	3.16
Aircraft and parts	130.20	128.24	127.00	124.92	124.20	3.10	3.09	3.09	3.01	3.00
Aircraft	-	126.17	124.93	123.71	124.31	-	3.10	3.10	3.01	3.01
Aircraft engines and engine parts	-	131.35	129.79	124.94	123.52	-	3.12	3.12	3.04	3.02
Other aircraft parts and equipment	-	128.65	127.32	129.20	124.23	-	3.02	3.01	2.97	2.93
Ship and boat building and repairing	124.23	124.53	121.71	120.39	123.60	3.03	3.03	3.02	2.98	3.00
Ship building and repairing	-	131.24	127.66	127.26	132.51	-	3.17	3.16	3.15	3.17
Boat building and repairing	-	91.08	92.57	90.68	87.46	-	2.30	2.32	2.25	2.26
Railroad equipment	-	133.34	119.74	124.34	124.33	-	3.21	3.11	3.07	3.09
Other transportation equipment	-	92.92	97.44	92.62	89.33	-	2.30	2.32	2.27	2.25
INSTRUMENTS AND RELATED PRODUCTS	108.26	106.66	105.22	103.57	102.91	2.59	2.57	2.56	2.52	2.51
Engineering and scientific instruments	-	122.30	121.18	120.06	119.36	-	2.94	2.92	2.90	2.89
Mechanical measuring and control devices	108.94	106.97	103.94	103.89	104.65	2.60	2.59	2.56	2.54	2.54
Mechanical measuring devices	-	108.58	105.52	106.40	105.83	-	2.61	2.58	2.57	2.55
Automatic temperature controls	-	104.45	102.11	100.10	102.16	-	2.56	2.54	2.49	2.51
Optical and ophthalmic goods	97.53	96.93	96.23	95.15	94.05	2.35	2.33	2.33	2.26	2.25
Surgical, medical, and dental equipment	91.13	89.87	88.62	87.02	87.02	2.25	2.23	2.21	2.17	2.17
Photographic equipment and supplies	(2)	126.28	124.39	119.55	118.14	(2)	2.93	2.92	2.86	2.84
Watches and clocks	-	87.89	87.45	83.16	81.93	-	2.17	2.17	2.10	2.09
MISCELLANEOUS MANUFACTURING INDUSTRIES	84.40	83.60	83.41	82.99	81.59	2.11	2.09	2.08	2.08	2.05
Jewelry, silverware, and plated ware	98.90	97.06	95.72	94.73	92.29	2.30	2.30	2.29	2.25	2.24
Toys, amusement, and sporting goods	-	74.09	75.22	72.39	73.14	-	1.89	1.89	1.90	1.89
Toys, games, dolls, and play vehicles	-	71.76	73.23	69.01	71.41	-	1.84	1.84	1.86	1.85
Sporting and athletic goods, n.e.c.	-	80.59	80.40	78.01	76.24	-	2.03	2.02	1.97	1.96
Pens, pencils, office and art materials	-	82.01	80.00	78.39	78.00	-	2.02	2.00	1.95	1.95
Costume jewelry, buttons, and notions	-	76.42	76.42	76.57	75.01	-	1.92	1.92	1.90	1.88
Other manufacturing industries	91.03	90.63	90.23	89.24	87.82	2.27	2.26	2.25	2.22	2.19
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	99.46	98.40	97.88	96.59	95.94	2.42	2.40	2.37	2.35	2.34
Meat products	111.61	110.93	108.80	108.20	107.95	2.62	2.61	2.56	2.54	2.54
Meat packing	-	132.46	129.80	128.03	129.20	-	2.99	2.95	2.89	2.91
Sausages and other prepared meats	-	113.13	110.15	114.01	113.05	-	2.70	2.68	2.67	2.66
Poultry dressing and packing	-	60.76	61.69	59.99	58.60	-	1.57	1.55	1.55	1.53

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,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	41.2	41.0	40.9	40.8	40.4	-	2.6	2.7	2.3	2.1
Electric distribution equipment	42.1	41.8	41.9	41.9	40.9	-	3.0	3.2	2.9	2.4
Electric measuring instruments	-	40.7	40.5	41.0	39.9	-	-	-	-	-
Power and distribution transformers	-	42.2	42.5	41.7	41.1	-	-	-	-	-
Switchgear and switchboard apparatus	-	42.4	42.6	42.7	41.6	-	-	-	-	-
Electrical industrial apparatus	42.1	42.1	41.7	41.3	40.5	-	3.4	3.2	2.7	2.4
Motors and generators	-	41.8	41.6	41.5	40.8	-	-	-	-	-
Industrial controls	-	42.8	41.9	41.1	40.2	-	-	-	-	-
Household appliances	41.4	41.3	41.2	41.0	40.2	-	2.9	2.8	2.3	2.1
Household refrigerators and freezers	-	42.1	41.3	42.0	39.3	-	-	-	-	-
Household laundry equipment	-	41.0	41.2	40.7	40.6	-	-	-	-	-
Electric housewares and fans	-	40.6	40.7	38.9	40.0	-	-	-	-	-
Electric lighting and wiring equipment	40.6	40.4	40.2	40.8	40.2	-	2.3	2.1	2.4	2.1
Electric lamps	-	40.3	40.3	41.3	40.5	-	-	-	-	-
Lighting fixtures	-	40.0	39.6	40.5	40.3	-	-	-	-	-
Wiring devices	-	40.8	40.7	40.8	39.9	-	-	-	-	-
Radio and TV receiving sets	40.1	39.7	40.1	39.3	39.2	-	1.8	2.2	1.7	1.6
Communication equipment	41.7	41.6	41.4	41.1	40.7	-	2.8	2.9	2.1	1.9
Telephone and telegraph apparatus	-	42.5	42.0	40.7	40.2	-	-	-	-	-
Radio and TV communication equipment	-	41.0	41.0	41.2	40.9	-	-	-	-	-
Electronic components and accessories	40.4	40.5	40.2	39.8	39.9	-	2.4	2.3	1.7	2.1
Electron tubes	-	41.9	41.3	41.3	41.2	-	-	-	-	-
Electronic components, n.e.c.	-	40.1	39.9	39.3	39.5	-	-	-	-	-
Miscellaneous electrical equipment and supplies	40.7	39.5	40.8	42.1	41.5	-	1.9	2.7	3.5	2.8
Electrical equipment for engines	-	37.9	39.8	42.3	41.4	-	-	-	-	-
TRANSPORTATION EQUIPMENT	44.4	42.4	40.9	43.1	42.8	-	4.1	3.4	4.6	4.6
Motor vehicles and equipment	(2)	43.3	41.1	44.8	44.3	-	5.0	4.4	6.3	6.1
Motor vehicles	-	44.1	42.3	45.5	45.7	-	-	-	-	-
Passenger car bodies	-	45.4	31.4	45.6	47.2	-	-	-	-	-
Truck and bus bodies	-	41.5	40.4	41.1	40.4	-	-	-	-	-
Motor vehicle parts and accessories	-	42.5	40.9	44.5	43.2	-	-	-	-	-
Aircraft and parts	42.0	41.5	41.1	41.5	41.4	-	2.6	2.6	2.7	2.7
Aircraft	-	40.7	40.3	41.1	41.3	-	-	-	-	-
Aircraft engines and engine parts	-	42.1	41.6	41.1	40.9	-	-	-	-	-
Other aircraft parts and equipment	-	42.6	42.3	43.5	42.4	-	-	-	-	-
Ship and boat building and repairing	41.0	41.1	40.3	40.4	41.2	-	3.8	2.9	2.9	3.5
Ship building and repairing	-	41.4	40.4	40.4	41.8	-	-	-	-	-
Boat building and repairing	-	39.6	39.9	40.3	38.7	-	-	-	-	-
Railroad equipment	-	41.6	38.5	40.5	40.3	-	3.8	2.0	2.1	2.0
Other transportation equipment	-	40.4	42.0	40.8	39.7	-	2.5	3.9	3.0	2.5
INSTRUMENTS AND RELATED PRODUCTS	41.8	41.5	41.1	41.1	41.0	-	3.0	2.9	2.5	2.5
Engineering and scientific instruments	-	41.6	41.5	41.4	41.3	-	3.2	3.0	3.1	2.9
Mechanical measuring and control devices	41.9	41.3	40.6	40.9	41.2	-	3.0	2.9	2.3	2.7
Mechanical measuring devices	-	41.6	40.9	41.4	41.5	-	-	-	-	-
Automatic temperature controls	-	40.8	40.2	40.2	40.7	-	-	-	-	-
Optical and ophthalmic goods	41.5	41.6	41.3	42.1	41.8	-	2.6	2.7	2.7	2.5
Surgical, medical, and dental equipment	40.5	40.3	40.1	40.1	40.1	-	2.0	2.0	2.1	2.1
Photographic equipment and supplies	(2)	43.1	42.6	41.8	41.6	-	4.4	3.9	2.8	2.9
Watches and clocks	-	40.5	40.3	39.6	39.2	-	2.0	2.3	2.2	1.7
MISCELLANEOUS MANUFACTURING INDUSTRIES	40.0	40.0	40.1	39.9	39.8	-	2.7	2.9	2.4	2.5
Jewelry, silverware, and plated ware	43.0	42.2	41.8	42.1	41.2	-	4.4	4.5	4.4	4.0
Toys, amusement, and sporting goods	-	39.2	39.8	38.1	38.7	-	2.5	2.8	1.3	2.0
Toys, games, dolls, and play vehicles	-	39.0	39.8	37.1	38.6	-	-	-	-	-
Sporting and athletic goods, n.e.c.	-	39.7	39.8	39.6	38.9	-	-	-	-	-
Pens, pencils, office and art materials	-	40.6	40.0	40.2	40.0	-	2.0	2.0	2.6	2.0
Costume jewelry, buttons, and notions	-	39.8	39.8	40.3	39.9	-	2.7	2.6	2.6	2.5
Other manufacturing industries	40.1	40.1	40.1	40.2	40.1	-	2.5	2.8	2.4	2.6
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	41.1	41.0	41.3	41.1	41.0	-	3.8	3.8	3.4	3.5
Meat products	42.6	42.5	42.5	42.6	42.5	-	5.5	5.1	4.9	4.9
Meat packing	-	44.3	44.0	44.3	44.4	-	-	-	-	-
Sausages and other prepared meats	-	41.9	41.1	42.7	42.5	-	-	-	-	-
Poultry dressing and packing	-	38.7	39.8	38.7	38.3	-	-	-	-	-

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, by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Nondurable Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS--Continued										
Dairy products	\$104.16	\$104.83	\$103.91	\$100.32	\$99.66	\$2.48	\$2.49	\$2.48	\$2.40	\$2.39
Ice cream and frozen desserts	-	102.66	100.22	96.47	95.59	-	2.56	2.55	2.43	2.42
Fluid milk	-	110.33	109.65	104.41	104.23	-	2.59	2.58	2.48	2.47
Canned and preserved food, except meats	-	72.89	78.58	73.83	71.59	-	1.97	2.02	1.99	1.94
Canned, cured and frozen sea foods	-	58.93	65.58	65.64	61.12	-	1.83	1.89	1.87	1.91
Canned food, except sea foods	-	77.99	83.63	79.66	75.64	-	2.01	2.07	2.08	1.98
Frozen food, except sea foods	-	69.56	72.38	66.24	68.56	-	1.85	1.88	1.80	1.79
Grain mill products	108.93	109.81	111.48	106.72	108.38	2.47	2.49	2.45	2.42	2.43
Flour and other grain mill products	-	123.09	126.70	115.26	122.03	-	2.67	2.69	2.59	2.63
Prepared feeds for animals and fowls	-	92.17	94.76	92.41	90.90	-	2.09	2.06	2.04	2.02
Bakery products	97.42	97.76	97.44	95.34	95.04	2.46	2.45	2.43	2.36	2.37
Bread, cake, and perishable products	-	98.80	98.49	96.15	97.20	-	2.47	2.45	2.38	2.40
Biscuit, crackers, and pretzels	-	92.83	93.06	92.11	87.91	-	2.35	2.35	2.28	2.26
Sugar	-	103.27	101.95	100.58	98.12	-	2.30	2.36	2.25	2.21
Confectionery and related products	81.80	81.00	82.21	77.81	77.81	2.04	2.03	2.04	1.96	1.96
Candy and other confectionery products	-	78.01	78.79	74.24	73.68	-	1.96	1.96	1.87	1.87
Beverages	110.00	109.73	108.93	106.13	107.20	2.75	2.75	2.73	2.68	2.68
Malt liquors	-	139.44	135.14	132.31	135.49	-	3.53	3.51	3.41	3.43
Bottled and canned soft drinks	-	78.99	77.79	77.76	75.39	-	1.96	1.94	1.92	1.88
Miscellaneous food and kindred products	95.85	97.18	97.86	96.34	96.56	2.25	2.26	2.26	2.23	2.23
TOBACCO MANUFACTURES										
Cigarettes	79.60	74.11	73.85	74.86	73.71	1.98	1.94	1.81	1.90	1.89
Cigars	-	93.56	92.67	93.67	96.82	-	2.43	2.37	2.33	2.35
	-	65.57	64.08	63.24	63.18	-	1.69	1.66	1.63	1.62
TEXTILE MILL PRODUCTS										
Cotton broad woven fabrics	76.49	76.49	75.71	72.69	72.28	1.83	1.83	1.82	1.76	1.75
Silk and synthetic broad woven fabrics	79.49	79.12	77.96	73.78	73.35	1.84	1.84	1.83	1.74	1.73
Weaving and finishing broad woolsens	84.48	82.72	82.72	79.20	78.84	1.89	1.88	1.88	1.80	1.80
Narrow fabrics and smallwares	80.26	77.74	78.47	75.81	71.94	1.92	1.91	1.90	1.84	1.84
Knitting	75.48	74.66	73.71	73.46	72.51	1.81	1.83	1.82	1.77	1.76
Full-fashioned hosiery	66.22	67.37	67.77	62.58	64.30	1.72	1.72	1.72	1.66	1.67
Seamless hosiery	-	66.30	64.34	61.83	61.88	-	1.70	1.68	1.64	1.62
Knit outerwear	-	65.18	64.85	60.00	61.37	-	1.65	1.65	1.60	1.59
Knit underwear	-	69.12	70.20	63.71	66.20	-	1.80	1.80	1.76	1.77
Finishing textiles, except wool and knit	-	64.68	63.30	60.58	60.04	-	1.65	1.64	1.59	1.58
Floor covering	85.97	86.00	83.78	84.44	83.76	1.99	2.00	1.99	1.95	1.93
Yarn and thread	-	80.78	79.90	77.65	78.74	-	1.84	1.82	1.81	1.81
Miscellaneous textile goods	70.31	70.56	69.64	66.33	66.08	1.67	1.68	1.67	1.61	1.60
	85.08	85.28	85.49	83.38	82.78	2.05	2.05	2.05	1.99	1.99
APPAREL AND RELATED PRODUCTS										
Men's and boys' suits and coats	65.52	65.70	64.98	63.37	63.01	1.80	1.81	1.80	1.77	1.76
Men's and boys' furnishings	78.91	78.17	75.33	77.70	76.59	2.11	2.13	2.11	2.10	2.11
Men's and boys' shirts and nightwear	57.99	57.90	57.29	55.72	54.96	1.53	1.54	1.54	1.51	1.51
Men's and boys' separate trousers	-	57.38	56.63	54.53	54.91	-	1.51	1.51	1.49	1.48
Work clothing	-	57.04	55.96	56.92	53.70	-	1.55	1.55	1.53	1.53
Women's, misses', and juniors' outerwear	-	55.35	55.73	53.80	53.51	-	1.50	1.49	1.47	1.47
Women's blouses, waists, and shirts	67.26	67.06	67.54	65.13	64.08	1.99	1.99	2.01	1.95	1.93
Women's suits, skirts, and coats	-	57.78	57.44	55.75	57.73	-	1.67	1.66	1.63	1.64
Women's dresses	-	64.52	65.81	63.83	63.56	-	2.01	2.05	1.97	1.98
Women's suits, skirts, and coats	-	82.80	82.18	77.83	73.92	-	2.40	2.41	2.38	2.31
Women's and misses' outerwear, n.e.c.	-	61.15	60.79	60.02	59.01	-	1.68	1.67	1.64	1.63
Women's and children's undergarments	59.33	61.83	61.66	58.24	60.00	1.63	1.64	1.64	1.60	1.60
Women's and children's underwear	-	59.72	59.57	56.06	58.06	-	1.58	1.58	1.54	1.54
Corsets and allied garments	-	66.02	66.38	63.34	64.18	-	1.77	1.77	1.74	1.73
Hats, caps, and millinery	-	66.39	68.57	65.68	63.72	-	1.87	1.91	1.85	1.80
Girls' and children's outerwear	59.04	59.24	59.07	55.69	56.25	1.64	1.65	1.65	1.56	1.58
Children's dresses, blouses, and shirts	-	59.59	59.24	54.91	56.92	-	1.66	1.65	1.56	1.59
Fur goods and miscellaneous apparel	-	70.87	71.24	67.12	69.73	-	1.90	1.91	1.88	1.90
Miscellaneous fabricated textile products	74.09	73.52	69.27	71.37	70.59	1.89	1.89	1.79	1.83	1.81
Housefurnishings	-	63.08	63.90	61.37	61.37	-	1.63	1.63	1.59	1.59
PAPER AND ALLIED PRODUCTS										
Paper and pulp	109.82	109.82	111.89	108.36	107.43	2.59	2.59	2.59	2.52	2.51
Paperboard	120.70	120.41	123.64	119.24	119.41	2.84	2.82	2.81	2.71	2.72
Converted paper and paperboard products	123.23	122.54	127.52	122.54	120.12	2.82	2.83	2.84	2.76	2.73
Bags, except textile bags	98.00	96.88	97.39	98.18	95.49	2.35	2.34	2.33	2.31	2.29
Paperboard containers and boxes	-	91.69	91.91	92.45	88.38	-	2.22	2.22	2.16	2.14
Folding and setup paperboard boxes	102.61	103.03	104.00	98.47	98.05	2.42	2.43	2.43	2.35	2.34
Corrugated and solid fiber boxes	-	93.02	91.94	90.29	88.60	-	2.22	2.21	2.16	2.14
	-	111.02	115.26	105.33	107.07	-	2.57	2.59	2.49	2.49

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,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Nondurable Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS--Continued										
Dairy products	42.0	42.1	41.9	41.8	41.7	-	3.3	3.3	2.8	2.6
Ice cream and frozen desserts	-	40.1	39.3	39.7	39.5	-	-	-	-	-
Fluid milk	-	42.6	42.5	42.1	42.2	-	-	-	-	-
Canned and preserved food, except meats	-	37.0	38.9	37.1	36.9	-	2.3	2.8	2.0	1.8
Canned, cured and frozen sea foods	-	32.2	34.7	35.1	32.0	-	-	-	-	-
Canned food, except sea foods	-	38.8	40.4	38.3	38.2	-	-	-	-	-
Frozen food, except sea foods	-	37.6	38.5	36.8	38.3	-	-	-	-	-
Grain mill products	44.1	44.1	45.5	44.1	44.6	-	5.8	7.1	5.5	6.2
Flour and other grain mill products	-	46.1	47.1	44.5	46.4	-	-	-	-	-
Prepared feeds for animals and fowls	-	44.1	46.0	45.3	45.0	-	-	-	-	-
Bakery products	39.6	39.9	40.1	40.4	40.1	-	3.0	3.1	2.9	2.9
Bread, cake, and perishable products	-	40.0	40.2	40.4	40.5	-	-	-	-	-
Biscuit, crackers, and pretzels	-	39.5	39.6	40.4	38.9	-	-	-	-	-
Sugar	-	44.9	43.2	44.7	44.4	-	4.3	3.7	2.9	3.3
Confectionery and related products	40.1	39.9	40.3	39.7	39.7	-	2.7	2.6	2.6	2.7
Candy and other confectionery products	-	39.8	40.2	39.7	39.4	-	-	-	-	-
Beverages	40.0	39.9	39.9	39.6	40.0	-	2.6	2.8	2.6	2.9
Malt liquors	-	39.5	38.5	38.8	39.5	-	-	-	-	-
Bottled and canned soft drinks	-	40.3	40.1	40.5	40.1	-	-	-	-	-
Miscellaneous food and kindred products	42.6	43.0	43.3	43.2	43.3	-	4.5	4.4	3.9	4.2
TOBACCO MANUFACTURES										
Cigarettes	40.2	38.2	40.8	39.4	39.0	-	1.1	1.6	1.3	1.4
Cigars	-	38.5	39.1	40.2	41.2	-	.8	1.7	1.2	1.6
Cigars	-	38.8	38.6	38.8	39.0	-	1.7	1.6	1.5	1.7
TEXTILE MILL PRODUCTS										
Cotton broad woven fabrics	41.8	41.8	41.6	41.3	41.3	-	4.2	4.1	3.5	3.7
Silk and synthetic broad woven fabrics	43.2	43.0	42.6	42.4	42.4	-	5.0	4.6	4.0	4.3
Silk and synthetic broad woven fabrics	44.7	44.0	44.0	44.0	43.8	-	5.6	5.4	4.9	5.2
Weaving and finishing broad woolsens	41.8	40.7	41.3	41.2	39.1	-	3.5	3.5	3.1	2.4
Narrow fabrics and smallwares	41.7	40.8	40.5	41.5	41.2	-	3.5	3.7	3.2	3.4
Knitting	38.5	39.4	39.4	37.7	38.5	-	2.5	2.7	1.7	2.2
Full-fashioned hosiery	-	39.0	38.3	37.7	38.2	-	-	-	-	-
Seamless hosiery	-	39.5	39.3	37.5	38.6	-	-	-	-	-
Knit outerwear	-	38.4	39.0	36.2	37.4	-	-	-	-	-
Knit underwear	-	39.2	38.6	38.1	38.0	-	-	-	-	-
Finishing textiles, except wool and knit	43.2	43.0	42.1	43.3	43.4	-	4.8	4.3	4.6	4.7
Floor covering	-	43.9	43.9	42.9	43.5	-	5.8	5.7	5.0	5.0
Yarn and thread	42.1	42.0	41.7	41.2	41.3	-	4.2	4.1	3.2	3.6
Miscellaneous textile goods	41.5	41.6	41.7	41.9	41.6	-	3.8	4.2	3.9	3.8
APPAREL AND RELATED PRODUCTS										
Men's and boys' suits and coats	36.4	36.3	36.1	35.8	35.8	-	1.4	1.4	1.2	1.2
Men's and boys' suits and coats	37.4	36.7	35.7	37.0	36.3	-	1.1	1.1	.9	.9
Men's and boys' furnishings	37.9	37.6	37.2	36.9	36.4	-	1.2	1.2	1.0	.9
Men's and boys' shirts and nightwear	-	38.0	37.5	36.6	37.1	-	-	-	-	-
Men's and boys' separate trousers	-	36.8	36.1	37.2	35.1	-	-	-	-	-
Work clothing	-	36.9	37.4	36.6	36.4	-	-	-	-	-
Women's, misses', and juniors' outerwear	33.8	33.7	33.6	33.4	33.2	-	1.1	1.2	1.0	1.1
Women's blouses, waists, and shirts	-	34.6	34.6	34.2	35.2	-	-	-	-	-
Women's, misses', and juniors' dresses	-	32.1	32.1	32.4	32.1	-	-	-	-	-
Women's suits, skirts, and coats	-	34.5	34.1	32.7	32.0	-	-	-	-	-
Women's and misses' outerwear, n.e.c.	-	36.4	36.4	36.6	36.2	-	-	-	-	-
Women's and children's undergarments	36.4	37.7	37.6	36.4	37.5	-	2.1	1.9	1.4	1.8
Women's and children's underwear	-	37.8	37.7	36.4	37.7	-	-	-	-	-
Corsets and allied garments	-	37.3	37.5	36.4	37.1	-	-	-	-	-
Hats, caps, and millinery	-	35.5	35.9	35.5	35.4	-	1.0	1.3	1.1	1.0
Girls' and children's outerwear	36.0	35.9	35.8	35.7	35.6	-	1.3	1.2	.9	1.2
Children's dresses, blouses, and shirts	-	35.9	35.9	35.2	35.8	-	-	-	-	-
Fur goods and miscellaneous apparel	-	37.3	37.3	35.7	36.7	-	1.7	1.7	1.2	1.5
Miscellaneous fabricated textile products	39.2	38.9	38.7	39.0	39.0	-	2.2	2.1	2.2	2.1
Housefurnishings	-	38.7	39.2	38.6	38.6	-	-	-	-	-
PAPER AND ALLIED PRODUCTS										
Paper and pulp	42.4	42.4	43.2	43.0	42.8	-	4.7	5.1	4.5	4.6
Paper and pulp	42.5	42.7	44.0	44.0	43.9	-	5.3	5.8	5.3	5.5
Paperboard	43.7	43.3	44.9	44.4	44.0	-	6.5	6.6	5.9	5.9
Converted paper and paperboard products	41.7	41.4	41.8	42.5	41.7	-	3.1	3.6	3.6	3.3
Bags, except textile bags	-	41.3	41.4	42.8	41.3	-	-	-	-	-
Paperboard containers and boxes	42.4	42.4	42.8	41.9	41.9	-	4.7	5.0	3.7	3.9
Folding and setup paperboard boxes	-	41.9	41.6	41.8	41.4	-	-	-	-	-
Corrugated and solid fiber boxes	-	43.2	44.5	42.3	43.0	-	-	-	-	-

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,¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Nondurable Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	\$117.39	\$114.82	\$116.10	\$113.98	\$111.16	\$3.01	\$2.99	\$3.00	\$2.93	\$2.91
Newspaper publishing and printing	120.66	117.98	118.95	118.67	114.98	3.27	3.25	3.25	3.19	3.15
Periodical publishing and printing	-	124.14	128.03	116.61	116.11	-	3.05	3.10	2.93	2.91
Books	-	106.39	108.14	105.01	101.27	-	2.64	2.67	2.58	2.59
Commercial printing	120.10	117.21	118.70	114.65	112.81	3.01	2.99	2.99	2.91	2.90
Commercial printing, except lithographic	-	115.35	117.12	112.50	110.97	-	2.95	2.95	2.87	2.86
Commercial printing, lithographic	-	120.65	122.89	121.10	117.60	-	3.07	3.08	3.02	3.00
Bookbinding and related industries	91.65	89.71	90.40	90.02	88.46	2.35	2.33	2.33	2.32	2.28
Other publishing and printing industries	118.78	114.73	114.90	117.81	113.28	3.03	2.98	3.00	2.99	2.95
CHEMICALS AND ALLIED PRODUCTS	118.43	118.01	117.45	115.51	114.13	2.84	2.83	2.83	2.77	2.75
Industrial chemicals	134.45	133.34	132.39	130.00	129.27	3.21	3.19	3.19	3.11	3.10
Plastics and synthetics, except glass	117.32	118.58	117.74	115.08	113.57	2.79	2.79	2.79	2.74	2.73
Plastics and synthetics, except fibers	-	127.87	128.01	124.26	121.67	-	2.96	2.97	2.91	2.89
Synthetic fibers	-	108.45	105.66	104.00	102.59	-	2.57	2.57	2.50	2.49
Drugs	104.75	104.49	103.83	101.75	100.60	2.58	2.58	2.57	2.50	2.49
Pharmaceutical preparations	-	99.90	99.25	97.36	97.20	-	2.51	2.50	2.44	2.43
Soap, cleaners, and toilet goods	107.47	108.00	108.40	107.83	106.86	2.68	2.68	2.67	2.63	2.60
Soap and detergents	-	130.38	132.29	129.27	127.71	-	3.18	3.18	3.10	3.07
Toilet preparations	-	88.82	87.47	88.66	88.54	-	2.26	2.22	2.20	2.17
Paints, varnishes, and allied products	108.92	108.39	108.65	106.45	105.67	2.65	2.65	2.65	2.59	2.59
Agricultural chemicals	94.43	95.11	95.11	94.79	93.26	2.27	2.27	2.27	2.22	2.21
Fertilizers, complete and mixing only	-	91.78	91.56	91.38	90.10	-	2.18	2.18	2.13	2.12
Other chemical products	118.53	115.60	114.24	111.83	110.88	2.75	2.72	2.72	2.65	2.64
PETROLEUM REFINING AND RELATED INDUSTRIES	134.88	135.11	133.86	132.89	132.39	3.25	3.24	3.21	3.21	3.19
Petroleum refining	141.10	141.52	138.24	139.86	139.44	3.40	3.41	3.38	3.37	3.36
Other petroleum and coal products	108.99	110.66	117.48	103.48	105.66	2.62	2.61	2.64	2.53	2.54
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	108.52	106.40	106.50	104.67	102.50	2.59	2.57	2.56	2.51	2.50
Tires and inner tubes	150.58	147.20	151.20	144.19	137.53	3.51	3.48	3.50	3.33	3.33
Other rubber products	102.67	100.94	100.37	100.36	98.49	2.48	2.48	2.46	2.43	2.42
Miscellaneous plastic products	92.18	90.06	89.64	89.45	88.17	2.20	2.17	2.16	2.14	2.14
LEATHER AND LEATHER PRODUCTS	70.29	69.37	69.00	69.63	66.77	1.84	1.84	1.84	1.79	1.79
Leather tanning and finishing	96.12	95.65	94.77	94.16	92.57	2.35	2.35	2.34	2.28	2.28
Foot wear, except rubber	67.48	66.23	65.15	67.12	63.51	1.79	1.79	1.78	1.73	1.74
Other leather products	69.27	68.71	69.45	66.64	66.29	1.79	1.78	1.79	1.74	1.74
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads	-	(2)	(2)	119.54	118.71	-	(2)	(2)	2.78	2.78
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	-	105.34	105.42	102.66	102.83	-	2.52	2.51	2.45	2.46
Intercity and rural bus lines	-	127.67	129.90	120.51	123.81	-	2.99	3.00	2.89	2.92
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	122.72	124.36	120.67	117.29	-	2.95	2.94	2.88	2.84
PIPELINE TRANSPORTATION	-	148.04	145.31	141.51	139.47	-	3.55	3.51	3.46	3.41
COMMUNICATION:										
Telephone communication	-	109.47	108.12	103.36	106.08	-	2.67	2.65	2.61	2.60
Switchboard operating employees ³	-	83.33	82.08	76.74	82.08	-	2.17	2.16	2.12	2.11
Line construction employees ⁴	-	155.57	155.02	148.19	151.18	-	3.36	3.37	3.33	3.33
Telegraph communication ⁵	-	116.34	118.43	112.59	111.90	-	2.77	2.78	2.70	2.69
Radio and television broadcasting	-	144.60	143.75	137.86	134.85	-	3.67	3.63	3.49	3.44
ELECTRIC, GAS, AND SANITARY SERVICES										
Electric companies and systems	-	128.75	128.96	124.92	123.79	-	3.11	3.10	3.01	2.99
Gas companies and systems	-	129.47	129.58	125.55	123.41	-	3.15	3.13	3.04	3.01
Combined utility systems	-	121.18	121.64	117.16	117.16	-	2.92	2.91	2.83	2.83
Water, steam, and sanitary systems	-	139.70	140.03	136.18	135.34	-	3.35	3.35	3.25	3.23
	-	102.51	101.02	100.43	100.26	-	2.47	2.44	2.42	2.41

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,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
<i>Nondurable Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	39.0	38.4	38.7	38.9	38.2	-	2.9	3.2	3.2	2.7
Newspaper publishing and printing	36.9	36.3	36.6	37.2	36.5	-	2.5	2.7	3.2	2.4
Periodical publishing and printing	-	40.7	41.3	39.8	39.9	-	4.2	5.3	3.2	3.6
Books	-	40.3	40.5	40.7	39.1	-	3.2	3.6	3.6	2.7
Commercial printing	39.9	39.2	39.7	39.4	38.9	-	3.1	3.5	3.3	2.9
Commercial printing, except lithographic	-	39.1	39.7	39.2	38.8	-	-	-	-	-
Commercial printing, lithographic	-	39.3	39.9	40.1	39.2	-	-	-	-	-
Bookbinding and related industries	39.0	38.5	38.8	38.8	38.8	-	2.2	2.5	2.5	2.5
Other publishing and printing industries	39.2	38.5	38.3	39.4	38.4	-	2.7	2.6	3.0	2.4
CHEMICALS AND ALLIED PRODUCTS	41.7	41.7	41.5	41.7	41.5	-	2.7	2.7	2.4	2.4
Industrial chemicals	41.9	41.8	41.5	41.8	41.7	-	2.7	2.7	2.4	2.4
Plastics and synthetics, except glass	42.7	42.5	42.2	42.0	41.6	-	2.8	2.9	2.2	2.1
Plastics and synthetics, except fibers	-	43.2	43.1	42.7	42.1	-	-	-	-	-
Synthetic fibers	-	42.2	41.6	41.6	41.2	-	-	-	-	-
Drugs	40.6	40.5	40.4	40.7	40.4	-	2.3	2.2	1.9	2.0
Pharmaceutical preparations	-	39.8	39.7	39.9	40.0	-	-	-	-	-
Soap, cleaners, and toilet goods	40.1	40.3	40.6	41.0	41.1	-	2.4	2.7	2.6	2.5
Soap and detergents	-	41.0	41.6	41.7	41.6	-	-	-	-	-
Toilet preparations	-	39.3	39.4	40.3	40.8	-	-	-	-	-
Paints, varnishes, and allied products	41.1	40.9	41.0	41.1	40.8	-	1.8	2.4	1.9	1.9
Agricultural chemicals	41.6	41.9	41.9	42.7	42.2	-	3.4	3.2	3.7	3.5
Fertilizers, complete and mixing only	-	42.1	42.0	42.9	42.5	-	-	-	-	-
Other chemical products	42.7	42.5	42.0	42.2	42.0	-	3.0	3.2	2.8	2.8
PETROLEUM REFINING AND RELATED INDUSTRIES	41.5	41.7	41.7	41.4	41.5	-	2.5	2.5	2.1	2.3
Petroleum refining	41.5	41.5	40.9	41.5	41.5	-	1.9	1.5	1.8	1.9
Other petroleum and coal products	41.6	42.4	44.5	40.9	41.6	-	4.9	6.1	3.4	3.7
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	41.9	41.4	41.6	41.7	41.0	-	3.6	4.0	3.2	3.2
Tires and inner tubes	42.9	42.3	43.2	42.4	41.3	-	4.8	5.8	3.6	3.7
Other rubber products	41.4	40.7	40.8	41.3	40.7	-	2.7	3.0	2.8	2.8
Miscellaneous plastic products	41.9	41.5	41.5	41.8	41.2	-	3.8	4.0	3.4	3.3
LEATHER AND LEATHER PRODUCTS	38.2	37.7	37.5	38.9	37.3	-	1.7	1.8	1.8	1.5
Leather tanning and finishing	40.9	40.7	40.5	41.3	40.6	-	3.2	3.1	3.2	2.9
Foot wear, except rubber	37.7	37.0	36.6	38.8	36.5	-	1.2	1.4	1.6	1.1
Other leather products	38.7	38.6	38.8	38.3	38.1	-	2.4	2.3	1.9	1.9
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads	-	(2)	(2)	43.0	42.7	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	-	41.8	42.0	41.9	41.8	-	-	-	-	-
Intercity and rural bus lines	-	42.7	43.3	41.7	42.4	-	-	-	-	-
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	41.6	42.3	41.9	41.3	-	-	-	-	-
PIPELINE TRANSPORTATION	-	41.7	41.4	40.9	40.9	-	-	-	-	-
COMMUNICATION:										
Telephone communication	-	41.0	40.8	39.6	40.8	-	-	-	-	-
Switchboard operating employees ³	-	38.4	38.0	36.2	38.9	-	-	-	-	-
Line construction employees ⁴	-	46.3	46.0	44.5	45.4	-	-	-	-	-
Telegraph communication ⁵	-	42.0	42.6	41.7	41.6	-	-	-	-	-
Radio and television broadcasting	-	39.4	39.6	39.5	39.2	-	-	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES	-	41.4	41.6	41.5	41.4	-	-	-	-	-
Electric companies and systems	-	41.1	41.4	41.3	41.0	-	-	-	-	-
Gas companies and systems	-	41.5	41.8	41.4	41.4	-	-	-	-	-
Combined utility systems	-	41.7	41.8	41.9	41.9	-	-	-	-	-
Water, steam, and sanitary systems	-	41.5	41.4	41.5	41.6	-	-	-	-	-

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
WHOLESALE AND RETAIL TRADE⁶	-	\$79.80	\$80.22	\$77.60	\$77.55	-	\$2.10	\$2.10	\$2.00	\$2.03
WHOLESALE TRADE	-	104.30	103.38	101.43	100.69	-	2.55	2.54	2.48	2.48
Motor vehicles and automotive equipment	-	97.86	97.63	96.79	96.14	-	2.33	2.33	2.31	2.30
Drugs, chemicals, and allied products	-	106.52	107.45	103.31	102.66	-	2.63	2.64	2.57	2.56
Dry goods and apparel	-	97.38	97.27	92.86	93.00	-	2.59	2.58	2.45	2.48
Groceries and related products	-	97.94	96.17	95.34	94.62	-	2.36	2.34	2.27	2.28
Electrical goods	-	118.72	114.81	109.74	106.52	-	2.80	2.78	2.67	2.63
Hardware, plumbing, and heating goods	-	98.98	99.47	97.34	97.03	-	2.45	2.45	2.38	2.39
Machinery, equipment, and supplies	-	113.85	113.03	109.74	109.34	-	2.77	2.75	2.67	2.68
RETAIL TRADE⁶	-	69.55	70.31	68.40	68.26	-	1.89	1.89	1.80	1.83
General merchandise stores	-	56.62	56.95	56.68	54.06	-	1.69	1.68	1.57	1.59
Department stores	-	60.54	61.12	59.84	57.94	-	1.84	1.83	1.70	1.74
Limited price variety stores	-	42.21	42.21	40.66	39.88	-	1.34	1.34	1.21	1.25
Food stores	-	68.54	68.06	66.62	66.59	-	2.01	1.99	1.92	1.93
Grocery, meat, and vegetable stores	-	69.91	69.29	67.82	67.82	-	2.05	2.02	1.96	1.96
Apparel and accessories stores	-	55.28	55.95	56.32	54.42	-	1.66	1.67	1.60	1.61
Men's and boys' apparel stores	-	67.51	68.43	67.66	66.61	-	1.87	1.88	1.79	1.82
Women's ready-to-wear stores	-	49.83	49.98	50.75	48.29	-	1.51	1.51	1.45	1.45
Family clothing stores	-	54.78	54.78	54.95	54.19	-	1.66	1.65	1.57	1.58
Shoe stores	-	53.21	55.16	56.24	54.21	-	1.70	1.74	1.72	1.71
Furniture and appliance stores	-	87.02	86.62	87.15	84.66	-	2.17	2.16	2.10	2.08
Other retail trade	-	79.97	80.97	79.27	78.91	-	1.96	1.97	1.91	1.92
Motor vehicle dealers	-	98.33	99.43	97.01	98.97	-	2.25	2.27	2.22	2.27
Other vehicle and accessory dealers	-	85.50	85.02	84.55	82.16	-	1.97	1.95	1.90	1.88
Drug stores	-	60.33	60.14	60.02	59.37	-	1.69	1.68	1.64	1.64
FINANCE, INSURANCE, AND REAL ESTATE:										
Banking	-	77.58	77.21	76.13	75.72	-	2.08	2.07	2.03	2.03
Security dealers and exchanges ⁷	-	121.78	122.12	127.42	128.13	-	-	-	-	-
Insurance carriers ⁷	-	93.21	92.60	97.60	96.79	-	-	-	-	-
Life insurance ⁷	-	92.99	92.72	103.38	102.14	-	-	-	-	-
Accident and health insurance ⁷	-	81.87	81.87	83.52	82.84	-	-	-	-	-
Fire, marine, and casualty insurance ⁷	-	96.05	94.92	92.85	92.63	-	-	-	-	-
SERVICES AND MISCELLANEOUS:										
Hotels and lodging places:										
Hotels, tourist courts, and motels ⁸	-	49.26	49.53	47.86	48.11	-	1.31	1.30	1.24	1.24
Personal services:										
Laundries, cleaning and dyeing plants ⁹	-	56.36	57.48	52.13	51.99	-	1.46	1.47	1.34	1.34
Motion pictures:										
Motion picture filming and distributing	-	139.09	140.35	135.13	134.16	-	-	-	-	-

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 workers¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
WHOLESALE AND RETAIL TRADE⁴	-	38.0	38.2	38.8	38.2	-	-	-	-	-
WHOLESALE TRADE	-	40.9	40.7	40.9	40.6	-	-	-	-	-
Motor vehicles and automotive equipment	-	42.0	41.9	41.9	41.8	-	-	-	-	-
Drugs, chemicals, and allied products	-	40.5	40.7	40.2	40.1	-	-	-	-	-
Dry goods and apparel	-	37.6	37.7	37.9	37.5	-	-	-	-	-
Groceries and related products	-	41.5	41.1	42.0	41.5	-	-	-	-	-
Electrical goods	-	42.4	41.3	41.1	40.5	-	-	-	-	-
Hardware, plumbing, and heating goods	-	40.4	40.6	40.9	40.6	-	-	-	-	-
Machinery, equipment, and supplies	-	41.1	41.1	41.1	40.8	-	-	-	-	-
RETAIL TRADE⁴	-	36.8	37.2	38.0	37.3	-	-	-	-	-
General merchandise stores	-	33.5	33.9	36.1	34.0	-	-	-	-	-
Department stores	-	32.9	33.4	35.2	33.3	-	-	-	-	-
Limited price variety stores	-	31.5	31.5	33.6	31.9	-	-	-	-	-
Food stores	-	34.1	34.2	34.7	34.5	-	-	-	-	-
Grocery, meat, and vegetable stores	-	34.1	34.3	34.6	34.6	-	-	-	-	-
Apparel and accessories stores	-	33.3	33.5	35.2	33.8	-	-	-	-	-
Men's and boys' apparel stores	-	36.1	36.4	37.8	36.6	-	-	-	-	-
Women's ready-to-wear stores	-	33.0	33.1	35.0	33.3	-	-	-	-	-
Family clothing stores	-	33.0	33.2	35.0	34.3	-	-	-	-	-
Shoe stores	-	31.3	31.7	32.7	31.7	-	-	-	-	-
Furniture and appliance stores	-	40.1	40.1	41.5	40.7	-	-	-	-	-
Other retail trade	-	40.8	41.1	41.5	41.1	-	-	-	-	-
Motor vehicle dealers	-	43.7	43.8	43.7	43.6	-	-	-	-	-
Other vehicle and accessory dealers	-	43.4	43.6	44.5	43.7	-	-	-	-	-
Drug stores	-	35.7	35.8	36.6	36.2	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE:										
Banking	-	37.3	37.3	37.5	37.3	-	-	-	-	-
Security dealers and exchanges	-	-	-	-	-	-	-	-	-	-
Insurance carriers	-	-	-	-	-	-	-	-	-	-
Life insurance	-	-	-	-	-	-	-	-	-	-
Accident and health insurance	-	-	-	-	-	-	-	-	-	-
Fire, marine, and casualty insurance	-	-	-	-	-	-	-	-	-	-
SERVICES AND MISCELLANEOUS:										
Hotels and lodging places:										
Hotels, tourist courts, and motels ⁵	-	37.6	38.1	38.6	38.8	-	-	-	-	-
Personal services:										
Laundries, cleaning and dyeing plants ⁹	-	38.6	39.1	38.9	38.8	-	-	-	-	-
Motion pictures:										
Motion picture filming and distributing	-	-	-	-	-	-	-	-	-	-

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

²Not available.

³Data 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.

⁴Data 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.

⁵Data relate to nonsupervisory employees except messengers.

⁶Data exclude eating and drinking places.

⁷Beginning January 1964, data exclude earnings of nonoffice salesmen and are not necessarily comparable with series for prior years.

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

⁹Beginning January 1964, data relate to nonsupervisory workers and are not comparable with the production worker levels of prior years.

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 ¹				
	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
MANUFACTURING	\$2.47	\$2.46	\$2.43	\$2.42	\$2.40
DURABLE GOODS	2.64	2.62	2.59	2.59	2.57
Ordnance and accessories	-	2.98	2.98	2.88	2.88
Lumber and wood products, except furniture	-	2.05	2.09	2.00	2.01
Furniture and fixtures	-	1.98	1.98	1.95	1.94
Stone, clay, and glass products	-	2.46	2.45	2.40	2.39
Primary metal industries	-	3.01	3.00	2.96	2.95
Fabricated metal products	-	2.58	2.54	2.55	2.54
Machinery	-	2.76	2.75	2.72	2.71
Electrical equipment and supplies	-	2.45	2.45	2.44	2.42
Transportation equipment	-	3.00	2.94	2.95	2.95
Instruments and related products	-	2.48	2.47	2.44	2.43
Miscellaneous manufacturing industries	-	2.02	2.01	2.02	1.99
NONDURABLE GOODS	2.24	2.23	2.22	2.19	2.18
Food and kindred products	-	2.30	2.27	2.26	2.24
Tobacco manufactures	-	1.91	1.78	1.87	1.86
Textile mill products	-	1.74	1.74	1.69	1.68
Apparel and related products	-	1.77	1.76	1.74	1.73
Paper and allied products	-	2.45	2.44	2.39	2.38
Printing, publishing, and allied industries	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	-	2.74	2.74	2.69	2.67
Petroleum refining and related industries	-	3.14	3.12	3.13	3.10
Rubber and miscellaneous plastic products	-	2.46	2.44	2.42	2.41
Leather and leather products	-	1.80	1.79	1.75	1.76

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

²Not 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 dollars¹

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
MINING:									
Current dollars	\$121.25	\$122.11	\$114.12	\$98.82	\$99.49	\$90.92	\$107.34	\$108.06	\$99.46
1957-59 dollars	111.55	112.54	106.26	90.91	91.70	84.66	98.75	99.59	92.61
CONTRACT CONSTRUCTION:									
Current dollars	131.36	138.62	124.51	106.79	112.51	98.87	115.81	121.86	107.98
1957-59 dollars	120.85	127.76	115.93	98.24	103.70	92.06	106.54	112.31	100.54
MANUFACTURING:									
Current dollars	104.70	102.97	100.85	85.77	84.40	80.75	93.61	92.18	88.58
1957-59 dollars	96.32	94.90	93.90	78.91	77.79	75.19	86.12	84.96	82.48
WHOLESALE AND RETAIL TRADE:²									
Current dollars	79.80	80.22	77.55	66.00	66.33	62.69	73.36	73.70	70.01
1957-59 dollars	73.41	73.94	72.21	60.72	61.13	58.37	67.49	67.93	65.19

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

²Data 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 activities¹**

1957-59=100

Industry	Dec. 1964	Nov. 1964	Oct. 1964	Dec. 1963	Nov. 1963
	Man-hours				
TOTAL	106.1	107.2	106.7	100.7	102.5
MINING	84.0	84.8	85.4	81.9	82.1
CONTRACT CONSTRUCTION	103.5	113.1	121.7	93.2	105.8
MANUFACTURING	107.7	107.2	105.0	103.0	103.0
DURABLE GOODS	111.2	109.7	104.8	104.5	104.0
Ordnance and accessories	131.5	128.2	127.2	147.7	145.1
Lumber and wood products, except furniture ..	93.9	94.1	97.8	93.1	94.8
Furniture and fixtures	117.5	116.3	117.2	110.5	109.7
Stone, clay, and glass products	102.7	107.9	109.9	99.7	105.1
Primary metal industries	110.9	108.7	106.6	98.9	96.1
Fabricated metal products	113.4	112.5	108.3	107.2	106.7
Machinery	116.5	113.1	111.6	108.4	105.0
Electrical equipment and supplies	120.6	119.8	118.3	114.2	113.2
Transportation equipment	108.2	102.4	79.0	100.2	99.1
Instruments and related products	108.6	108.3	105.6	105.4	105.6
Miscellaneous manufacturing industries	106.7	113.6	115.1	99.8	107.3
NONDURABLE GOODS	103.1	103.9	105.2	101.1	101.6
Food and kindred products	91.5	94.5	100.0	92.5	95.5
Tobacco manufactures	100.4	98.6	118.6	98.1	101.4
Textile mill products	99.7	100.5	99.8	96.8	97.7
Apparel and related products	112.7	114.0	112.6	106.7	107.6
Paper and allied products	107.0	108.0	110.1	107.7	107.3
Printing, publishing, and allied industries ..	110.0	108.1	108.6	107.6	105.0
Chemicals and allied products	105.7	105.7	104.8	104.8	104.4
Petroleum refining and related industries	75.7	77.8	79.7	80.0	81.8
Rubber and miscellaneous plastic products ..	126.7	125.3	125.2	118.6	117.6
Leather and leather products	99.0	97.9	96.1	98.1	94.2
	Payrolls				
MINING	-	98.1	98.6	92.2	91.3
CONTRACT CONSTRUCTION		142.8	155.6	116.6	128.7
MANUFACTURING	131.4	129.6	125.4	122.3	121.3

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

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

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS**

**Table C-6: Average weekly hours of production workers on payrolls of selected industries¹
seasonally adjusted**

Industry	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964	Jan. 1964	Dec. 1963
MINING	42.3	42.3	41.9	41.0	41.6	41.8	41.5	41.7	41.5	41.6	41.6	41.5	41.8
CONTRACT CONSTRUCTION	39.2	37.7	37.1	35.6	37.0	36.8	37.3	37.3	37.2	37.4	37.6	35.2	37.4
MANUFACTURING	41.1	40.9	40.5	40.5	40.8	40.6	40.6	40.6	40.7	40.6	40.7	40.2	40.7
DURABLE GOODS	41.9	41.6	41.2	41.4	41.5	41.3	41.4	41.3	41.4	41.2	41.3	41.1	41.3
Ordnance and accessories	40.8	40.4	40.6	40.0	40.4	40.4	40.6	40.2	40.3	40.3	40.3	40.7	40.9
Lumber and wood products, except furniture ...	40.7	39.9	39.7	39.4	40.4	40.3	39.9	40.2	40.2	40.3	40.2	39.1	40.6
Furniture and fixtures	41.8	41.6	41.2	40.5	41.2	41.0	41.1	41.2	41.2	41.2	41.3	40.1	41.2
Stone, clay, and glass products	42.2	41.5	41.5	41.1	41.3	41.5	41.4	41.6	41.7	41.6	41.7	40.8	41.5
Primary metal industries	42.0	42.1	41.9	42.8	42.2	41.5	41.5	41.5	41.2	41.4	41.2	41.2	41.1
Fabricated metal products	42.1	42.0	41.4	41.3	41.7	41.6	41.4	41.7	41.8	41.6	41.8	41.5	41.7
Machinery	42.8	42.8	42.0	42.0	42.5	42.4	42.4	42.3	42.2	42.4	42.4	41.8	42.2
Electrical equipment and supplies	40.8	40.9	40.7	40.3	40.6	40.6	40.3	40.4	40.5	40.4	40.4	40.2	40.4
Transportation equipment	43.3	41.6	40.5	42.3	42.6	41.7	42.6	41.9	42.1	41.8	42.0	41.9	42.0
Instruments and related products	41.5	41.2	40.9	40.9	41.0	41.0	40.9	40.8	40.7	40.7	40.8	40.1	40.8
Miscellaneous manufacturing industries	39.7	39.7	39.7	39.1	40.0	39.8	39.5	39.5	39.8	39.7	39.6	38.7	39.6
NONDURABLE GOODS	39.8	39.9	39.9	39.4	39.7	39.5	39.6	39.7	39.8	39.7	39.8	39.1	39.7
Food and kindred products	41.0	40.9	41.0	40.7	40.8	40.6	40.9	41.0	41.1	40.8	40.9	40.8	41.0
Tobacco manufactures	39.3	38.4	39.3	37.0	38.4	39.6	39.0	39.7	39.9	39.4	37.3	37.8	38.5
Textile mill products	41.6	41.4	41.4	40.0	41.2	40.8	40.9	41.0	41.0	40.9	41.2	40.7	41.1
Apparel and related products	36.7	36.4	36.2	34.9	35.9	36.0	36.0	36.0	36.2	36.1	36.4	34.7	36.1
Paper and allied products	42.1	42.4	42.9	42.7	43.0	42.9	42.7	42.9	42.8	42.7	42.9	42.6	42.7
Printing, publishing, and allied industries	38.6	38.4	38.6	38.5	38.6	38.4	38.4	38.5	38.7	38.4	38.3	38.1	38.5
Chemicals and allied products	41.5	41.7	41.6	42.1	41.3	41.4	41.4	41.6	41.6	41.6	41.5	41.3	41.5
Petroleum refining and related industries	41.8	41.7	41.6	42.5	42.1	41.6	41.6	41.9	41.6	42.1	42.3	41.3	41.7
Rubber and miscellaneous plastic products	41.4	41.4	41.6	41.3	41.8	40.7	41.2	41.4	41.2	41.2	41.1	40.9	41.2
Leather and leather products	37.4	38.1	38.5	37.7	37.9	37.9	37.9	38.1	37.8	37.8	37.9	36.6	38.1
WHOLESALE AND RETAIL TRADE²	-	38.3	38.4	38.2	38.5	38.6	38.4	38.4	38.4	38.4	38.4	38.4	38.6
WHOLESALE TRADE	-	40.9	40.6	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.6	40.4	40.7
RETAIL TRADE²	-	37.2	37.5	37.3	37.5	37.7	37.5	37.5	37.4	37.4	37.5	37.3	37.7

¹For 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.

²Data 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 activities¹
seasonally adjusted**

Industry	1957-59=100												
	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964	Jan. 1964	Dec. 1963
TOTAL	107.9	105.8	102.4	103.2	104.0	103.5	103.5	103.0	102.9	103.1	103.1	99.7	102.3
MINING	85.0	84.3	83.2	80.7	81.9	83.6	82.5	81.8	81.7	81.8	81.6	81.4	82.8
CONTRACT CONSTRUCTION	117.8	110.9	106.7	101.4	106.4	106.1	107.6	106.9	106.2	108.6	109.6	95.3	106.0
MANUFACTURING	107.2	106.0	102.6	104.6	104.7	104.0	103.7	103.4	103.4	103.2	103.0	101.5	102.6
DURABLE GOODS	110.4	108.4	102.9	107.6	106.9	106.1	105.4	104.6	104.9	104.7	104.2	102.9	103.7
Ordnance and accessories	127.0	125.7	126.3	125.7	128.2	129.4	132.5	133.7	135.2	136.5	137.7	142.8	143.5
Lumber and wood products, except furniture ...	98.1	94.9	93.5	93.2	95.7	96.4	94.0	95.4	96.1	96.9	96.7	93.3	97.3
Furniture and fixtures	115.3	113.4	112.4	110.1	111.0	111.5	111.1	109.7	109.7	109.4	109.3	105.2	108.4
Stone, clay, and glass products	107.5	106.3	105.7	105.1	105.2	105.5	105.0	104.9	105.1	106.0	105.1	102.3	104.4
Primary metal industries	111.3	110.9	108.5	111.3	108.2	106.9	104.6	102.2	100.9	101.3	100.7	100.0	99.3
Fabricated metal products	112.5	110.9	105.7	110.6	110.1	108.2	107.4	107.5	108.5	107.7	107.9	106.1	106.4
Machinery	116.5	115.4	113.6	113.9	113.2	112.5	111.8	110.7	109.8	109.9	108.2	107.6	108.3
Electrical equipment and supplies	118.0	117.3	115.3	113.7	113.6	113.7	111.5	111.3	111.9	111.4	111.2	110.9	111.5
Transportation equipment	102.6	97.5	76.4	100.0	97.7	95.3	97.3	96.2	97.5	96.3	95.5	95.1	94.9
Instruments and related products	107.3	106.1	104.0	104.9	105.1	106.0	104.4	103.7	103.9	103.9	104.2	102.0	104.2
Miscellaneous manufacturing industries	108.6	107.0	105.7	103.1	104.2	103.0	103.2	101.9	102.7	102.5	102.2	99.2	101.6
NONDURABLE GOODS	103.0	102.8	102.2	100.8	101.7	101.3	101.6	101.7	101.5	101.3	101.6	99.7	101.1
Food and kindred products	93.2	93.0	91.9	91.3	92.3	91.2	91.8	92.9	93.0	92.9	93.7	93.4	94.0
Tobacco manufactures	93.4	93.7	93.4	80.1	84.3	94.2	92.7	93.2	92.4	92.5	86.4	86.4	91.6
Textile mill products	99.5	98.8	98.2	94.9	97.2	96.2	96.6	96.9	96.9	97.0	97.7	96.1	96.8
Apparel and related products	114.1	112.8	111.4	107.4	109.7	109.9	111.0	109.5	109.4	108.4	109.8	104.3	107.9
Paper and allied products	105.9	107.3	108.2	107.7	108.2	108.2	107.7	107.9	107.5	107.0	107.5	106.3	106.6
Printing, publishing, and allied industries	108.0	106.9	107.1	107.2	107.1	106.6	106.6	106.9	106.9	105.9	105.3	104.5	105.8
Chemicals and allied products	105.7	106.5	105.4	107.5	105.4	105.9	105.9	105.6	105.2	106.0	105.3	104.6	105.1
Petroleum refining and related industries	77.3	78.5	79.7	81.4	80.0	80.4	80.4	80.3	79.7	82.0	82.4	80.5	81.9
Rubber and miscellaneous plastic products	124.1	123.4	122.2	123.5	123.9	119.5	119.2	120.1	119.2	119.2	117.8	115.8	116.3
Leather and leather products	96.4	98.2	98.3	96.6	96.4	97.4	96.8	97.0	95.9	95.3	95.2	91.6	95.4

¹For 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		
	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
ALABAMA.....	\$90.67	\$90.45	\$87.74	41.4	41.3	41.0	\$2.19	\$2.19	\$2.14
Birmingham.....	115.23	113.42	108.27	41.3	40.8	40.1	2.79	2.78	2.70
Mobile.....	113.05	111.99	113.21	42.5	42.1	42.4	2.66	2.66	2.67
ALASKA.....	(1)	160.13	133.22	(1)	41.7	36.6	(1)	3.84	3.64
ARIZONA.....	108.93	108.65	111.24	39.9	39.8	40.6	2.73	2.73	2.74
Phoenix.....	109.87	110.15	110.42	40.1	40.2	40.3	2.74	2.74	2.74
Tucson.....	115.84	116.22	117.79	39.4	39.0	40.9	2.94	2.98	2.88
ARKANSAS.....	71.73	73.39	70.93	40.3	41.0	40.3	1.78	1.79	1.76
Fort Smith.....	72.47	73.42	71.46	39.6	39.9	39.7	1.83	1.84	1.80
Little Rock-North Little Rock.....	71.46	74.48	68.85	39.7	40.7	40.5	1.80	1.83	1.70
Pine Bluff.....	91.37	88.61	86.72	42.3	42.6	41.1	2.16	2.08	2.11
CALIFORNIA.....	119.60	119.58	116.69	40.0	40.4	40.1	2.99	2.96	2.91
Anaheim-Santa Ana-Garden Grove.....	120.09	120.18	118.44	40.3	40.6	40.7	2.98	2.96	2.91
Bakersfield.....	130.65	131.43	122.51	40.7	41.2	40.3	3.21	3.19	3.04
Fresno.....	96.26	102.66	95.37	37.6	40.1	38.3	2.56	2.56	2.49
Los Angeles-Long Beach.....	118.67	117.86	115.54	40.5	40.5	40.4	2.93	2.91	2.86
Sacramento.....	140.76	137.09	139.18	40.8	40.8	41.3	3.45	3.36	3.37
San Bernardino-Riverside-Ontario.....	118.30	118.37	116.76	40.1	40.4	40.4	2.95	2.93	2.89
San Diego.....	125.61	127.75	121.44	39.5	40.3	39.3	3.18	3.17	3.09
San Francisco-Oakland.....	127.01	125.53	124.03	39.2	39.6	39.5	3.24	3.17	3.14
San Jose.....	120.99	121.29	120.60	39.8	40.7	40.2	3.04	2.98	3.00
Stockton.....	115.24	113.37	114.29	38.8	39.5	40.1	2.97	2.87	2.85
COLORADO.....	110.55	110.57	110.43	40.2	40.8	40.9	2.75	2.71	2.70
Denver.....	113.24	112.19	113.42	40.3	40.5	40.8	2.81	2.77	2.78
CONNECTICUT.....	111.14	109.41	107.59	42.1	41.6	41.7	2.64	2.63	2.58
Bridgeport.....	113.01	112.74	109.93	41.7	41.6	41.8	2.71	2.71	2.63
Hartford.....	117.00	116.18	112.52	42.7	42.4	42.3	2.74	2.74	2.66
New Britain.....	112.67	111.30	104.96	42.2	42.0	41.0	2.67	2.65	2.56
New Haven.....	107.42	107.98	103.63	41.0	40.9	40.8	2.62	2.64	2.54
Stamford.....	113.15	115.78	116.45	41.6	42.1	42.5	2.72	2.75	2.74
Waterbury.....	111.83	106.08	103.57	42.2	40.8	41.1	2.65	2.60	2.52
DELAWARE.....	118.58	108.12	106.86	42.5	40.8	41.1	2.79	2.65	2.60
Wilmington.....	129.50	120.18	119.65	42.6	40.6	41.4	3.04	2.96	2.89
DISTRICT OF COLUMBIA: Washington.....	111.25	112.68	112.24	38.9	39.4	39.8	2.86	2.86	2.82
FLORIDA.....	89.68	88.40	86.74	42.5	41.7	41.7	2.11	2.12	2.08
Jacksonville.....	94.69	90.05	89.54	41.9	40.2	40.7	2.26	2.24	2.20
Miami.....	86.73	82.59	81.41	41.3	39.9	40.5	2.10	2.07	2.01
Tampa-St. Petersburg.....	92.01	89.66	90.74	43.4	42.9	42.8	2.12	2.09	2.12
GEORGIA.....	79.95	77.95	76.89	41.0	40.6	40.9	1.95	1.92	1.88
Atlanta.....	98.25	98.71	98.49	40.1	41.3	40.7	2.45	2.39	2.42
Savannah.....	103.39	100.14	98.18	42.2	41.9	41.6	2.45	2.39	2.36
HAWAII.....	(1)	88.85	84.67	(1)	38.8	39.2	(1)	2.29	2.16
IDAHO.....	98.94	103.08	97.28	38.8	39.8	40.2	2.55	2.59	2.42
ILLINOIS.....	113.91	111.29	109.78	41.1	40.4	40.7	2.77	2.76	2.69
Chicago.....	(1)	116.37	111.24	(1)	41.5	40.8	(1)	2.80	2.73
Davenport-Rock Island-Moline.....	(1)	125.13	121.94	(1)	41.0	40.8	(1)	3.05	2.99
Peoria.....	(1)	71.09	121.94	(1)	23.7	40.9	(1)	3.00	2.98
Rockford.....	(1)	117.31	110.98	(1)	43.7	43.2	(1)	2.68	2.57
INDIANA.....	116.20	114.56	112.70	41.0	40.9	40.7	2.83	2.80	2.77
Indianapolis.....	(1)	120.37	114.86	(1)	42.1	41.4	(1)	2.86	2.77
IOWA.....	113.09	111.77	108.10	41.0	41.3	40.5	2.76	2.71	2.67
Des Moines.....	118.79	123.71	112.39	39.5	40.1	38.5	3.01	3.09	2.92

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		
	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
KANSAS	\$114.86	\$112.83	\$111.46	42.2	42.2	42.0	\$2.72	\$2.68	\$2.65
Topeka.....	119.86	126.81	111.31	42.8	43.7	40.8	2.80	2.90	2.73
Wichita.....	121.37	122.46	122.52	41.9	42.0	42.2	2.90	2.92	2.90
KENTUCKY	100.61	100.12	96.87	40.9	41.2	40.7	2.46	2.43	2.38
Louisville.....	116.76	118.45	113.09	41.7	42.2	41.6	2.80	2.81	2.72
LOUISIANA	107.50	104.90	102.42	43.7	42.3	43.4	2.46	2.48	2.36
Baton Rouge.....	132.51	127.35	128.02	41.8	40.3	41.7	3.17	3.16	3.07
New Orleans.....	108.50	107.18	102.21	41.1	40.6	40.4	2.64	2.64	2.53
Shreveport.....	102.02	101.79	101.39	43.6	43.5	42.6	2.34	2.34	2.38
MAINE	83.43	82.62	80.60	40.5	40.7	40.1	2.06	2.03	2.01
Lewiston-Auburn.....	67.32	66.24	68.61	37.4	36.8	37.7	1.80	1.80	1.82
Portland.....	89.51	89.20	89.20	40.5	40.0	40.0	2.21	2.23	2.23
MARYLAND	106.14	104.55	101.25	41.3	41.0	40.5	2.57	2.55	2.50
Baltimore.....	112.61	111.24	105.85	41.4	41.2	40.4	2.72	2.70	2.62
MASSACHUSETTS	96.24	94.64	91.57	40.1	39.6	39.3	2.40	2.39	2.33
Boston.....	103.22	101.26	99.29	39.7	39.4	39.4	2.60	2.57	2.52
Fall River.....	65.51	66.54	60.45	34.3	34.3	32.5	1.91	1.94	1.86
New Bedford.....	73.43	74.82	69.92	36.9	37.6	36.8	1.99	1.99	1.90
Springfield-Chicopee-Holyoke.....	100.21	98.82	95.75	40.9	40.5	40.4	2.44	2.44	2.37
Worcester.....	108.00	105.88	98.40	41.7	41.2	40.0	2.59	2.57	2.46
MICHIGAN	135.86	129.56	135.19	43.7	42.9	43.4	3.11	3.02	3.12
Detroit.....	141.85	139.60	144.53	43.3	43.1	44.2	3.28	3.24	3.27
Flint.....	150.68	118.28	168.29	44.2	37.5	47.7	3.41	3.15	3.53
Grand Rapids.....	117.85	105.71	108.39	42.0	39.8	39.4	2.81	2.66	2.75
Lansing.....	147.03	129.37	141.69	44.8	43.5	43.8	3.28	2.97	3.24
Muskegon-Muskegon Heights.....	116.90	114.26	110.40	40.2	39.4	39.4	2.91	2.90	2.88
Saginaw.....	133.98	116.45	138.80	43.9	41.5	44.6	3.05	2.81	3.11
MINNESOTA	108.36	108.48	105.82	40.8	41.0	40.9	2.66	2.64	2.59
Duluth-Superior.....	108.86	108.28	100.68	39.6	39.8	38.7	2.75	2.72	2.60
Minneapolis-St. Paul.....	113.22	114.54	110.59	40.3	40.8	40.5	2.81	2.81	2.73
MISSISSIPPI	73.39	72.98	69.49	41.0	41.0	40.4	1.79	1.78	1.72
Jackson.....	80.85	81.40	75.36	43.7	44.0	42.1	1.85	1.85	1.79
MISSOURI	103.45	101.07	99.44	40.1	40.0	39.9	2.58	2.53	2.50
Kansas City.....	111.07	108.72	106.31	40.3	40.4	39.7	2.75	2.69	2.68
St. Louis.....	116.17	114.25	113.52	40.4	40.2	40.7	2.87	2.84	2.79
MONTANA	116.64	115.67	105.34	43.2	43.0	39.9	2.70	2.69	2.64
NEBRASKA	104.92	103.80	100.91	43.3	43.6	43.0	2.42	2.38	2.35
Omaha.....	116.42	113.28	111.76	43.9	43.2	43.2	2.65	2.62	2.59
NEVADA	124.34	123.62	120.67	40.9	40.4	38.8	3.04	3.06	3.11
NEW HAMPSHIRE	81.61	81.20	78.60	40.4	40.2	40.1	2.02	2.02	1.96
Manchester.....	76.24	74.87	74.09	38.9	38.2	39.2	1.96	1.96	1.89
NEW JERSEY	109.08	108.94	107.04	40.7	40.8	40.7	2.68	2.67	2.63
Jersey City ²	105.71	107.42	105.26	40.5	41.0	40.8	2.61	2.62	2.58
Newark ²	107.86	107.45	106.60	40.7	40.7	41.0	2.65	2.64	2.60
Paterson-Clifton-Passaic ²	111.38	109.75	108.36	41.1	40.8	41.2	2.71	2.69	2.63
Perth Amboy ²	112.19	111.63	108.54	40.5	40.3	40.2	2.77	2.77	2.70
Trenton.....	112.19	103.02	108.79	41.4	40.4	40.9	2.71	2.55	2.66

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963	Nov. 1964	Oct. 1964	Nov. 1963
NEW MEXICO.....	\$90.25	\$92.29	\$91.08	38.9	40.3	40.3	\$2.32	\$2.29	\$2.26
Albuquerque.....	95.20	93.46	95.20	39.5	39.6	39.5	2.41	2.36	2.41
NEW YORK.....	103.74	102.56	100.47	39.9	39.6	39.4	2.60	2.59	2.55
Albany-Schenectady-Troy.....	116.88	114.26	112.31	41.3	41.1	40.4	2.83	2.78	2.78
Binghamton.....	102.51	101.35	96.56	41.5	41.2	40.4	2.47	2.46	2.39
Buffalo.....	126.42	123.79	121.89	42.0	41.4	41.6	3.01	2.99	2.93
Elmira.....	104.38	106.34	98.78	40.3	40.9	39.2	2.59	2.60	2.52
Nassau and Suffolk Counties ³	107.60	106.52	107.20	40.0	39.6	40.0	2.69	2.69	2.68
New York-Northeastern New Jersey.....	102.57	101.40	99.45	39.3	39.0	39.0	2.61	2.60	2.55
New York SMSA ²	98.69	97.54	95.38	38.4	38.1	38.0	2.57	2.56	2.51
New York City ³	96.52	96.39	93.25	38.0	37.8	37.6	2.54	2.55	2.48
Rochester.....	120.98	118.29	114.81	42.3	41.8	41.3	2.86	2.83	2.78
Syracuse.....	110.56	109.75	107.71	41.1	40.8	40.8	2.69	2.69	2.64
Utica-Rome.....	100.12	99.96	99.87	41.2	40.8	41.1	2.43	2.45	2.43
Westchester County ³	108.24	98.36	101.63	41.0	39.5	39.7	2.64	2.49	2.56
NORTH CAROLINA.....	74.40	73.22	71.04	41.8	41.6	41.3	1.78	1.76	1.72
Charlotte.....	83.52	81.37	77.70	43.5	42.6	42.0	1.92	1.91	1.85
Greensboro-High Point.....	75.44	74.30	71.33	41.0	40.6	40.3	1.84	1.83	1.77
NORTH DAKOTA.....	95.43	97.64	113.69	41.7	42.3	43.1	2.29	2.31	2.64
Fargo-Moorhead.....	105.69	106.49	99.47	42.0	42.2	41.0	2.52	2.51	2.42
OHIO.....	122.40	120.43	117.23	41.8	41.4	41.0	2.93	2.91	2.86
Akron.....	140.21	137.52	128.39	42.6	42.0	40.2	3.29	3.27	3.19
Canton.....	118.89	122.78	115.32	40.2	41.1	39.8	2.96	2.99	2.90
Cincinnati.....	116.09	116.53	110.21	42.3	42.4	40.8	2.74	2.75	2.70
Cleveland.....	127.24	122.56	121.12	42.3	41.1	41.4	3.01	2.98	2.93
Columbus.....	116.07	112.41	112.86	41.4	41.2	41.1	2.80	2.73	2.75
Dayton.....	131.51	131.58	126.97	42.2	42.3	41.7	3.12	3.11	3.04
Toledo.....	122.56	120.96	117.30	41.0	40.9	40.0	2.99	2.96	2.93
Youngstown-Warren.....	130.71	130.75	126.25	41.0	40.7	40.3	3.19	3.21	3.13
OKLAHOMA.....	100.96	99.12	95.04	42.6	42.0	41.5	2.37	2.36	2.29
Oklahoma City.....	96.98	96.53	93.09	43.1	42.9	42.7	2.25	2.25	2.18
Tulsa.....	109.56	107.17	99.96	42.3	41.7	40.8	2.59	2.57	2.45
OREGON.....	107.42	111.33	105.81	37.3	39.2	38.2	2.88	2.84	2.77
Portland.....	109.04	111.72	108.77	37.6	39.2	38.3	2.90	2.85	2.84
PENNSYLVANIA.....	103.17	103.31	98.60	40.3	40.2	39.6	2.56	2.57	2.49
Allentown-Bethlehem-Easton.....	98.55	101.26	93.59	38.8	39.4	38.2	2.54	2.57	2.45
Altoona.....	86.86	85.79	81.03	40.4	39.9	37.0	2.15	2.15	2.19
Erie.....	113.32	111.67	108.05	42.6	42.3	41.4	2.66	2.64	2.61
Harrisburg.....	92.21	91.08	84.20	40.8	40.3	38.8	2.26	2.26	2.17
Johnstown.....	104.90	106.96	100.23	37.2	37.4	37.4	2.82	2.86	2.68
Lancaster.....	95.91	95.63	88.86	41.7	41.4	40.3	2.30	2.31	2.20
Philadelphia.....	107.33	108.00	104.14	39.9	40.0	39.9	2.69	2.70	2.61
Pittsburgh.....	128.24	126.90	117.99	41.5	41.2	39.2	3.09	3.08	3.01
Reading.....	91.94	91.94	93.56	40.5	40.5	41.4	2.27	2.27	2.26
Scranton.....	74.40	75.20	71.99	37.2	37.6	37.3	2.00	2.00	1.93
Wilkes-Barre-Hazleton.....	71.37	70.79	70.42	36.6	36.3	36.3	1.95	1.95	1.94
York.....	91.34	90.06	85.08	41.9	41.5	41.5	2.18	2.17	2.05
RHODE ISLAND.....	85.20	84.38	82.40	40.0	39.8	40.0	2.13	2.12	2.06
Providence-Pawtucket-Warwick.....	85.44	84.61	82.18	40.3	40.1	39.7	2.12	2.11	2.07
SOUTH CAROLINA.....	76.91	75.58	72.86	41.8	41.3	41.4	1.84	1.83	1.76
Charleston.....	84.99	85.41	82.59	39.9	40.1	39.9	2.13	2.13	2.07
Greenville.....	75.60	75.18	70.72	42.0	42.0	41.6	1.80	1.79	1.70
SOUTH DAKOTA.....	113.92	108.76	107.78	48.0	45.9	46.1	2.37	2.37	2.34
Sioux Falls.....	137.96	127.10	126.02	53.6	50.0	49.7	2.57	2.54	2.54

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		
	Nov.	Oct.	Nov.	Nov.	Oct.	Nov.	Nov.	Oct.	Nov.
	1964	1964	1963	1964	1964	1963	1964	1964	1963
TENNESSEE	\$84.25	\$84.66	\$80.39	40.9	41.3	40.6	\$2.06	\$2.05	\$1.98
Chattanooga.....	90.70	91.36	86.67	41.8	42.1	40.5	2.17	2.17	2.14
Knoxville.....	95.00	94.07	88.85	40.6	40.2	38.8	2.34	2.34	2.29
Memphis.....	96.64	98.14	92.10	42.2	42.3	41.3	2.29	2.32	2.23
Nashville.....	91.10	88.97	87.94	41.6	41.0	40.9	2.19	2.17	2.15
TEXAS	101.50	102.06	98.53	41.6	42.0	41.4	2.44	2.43	2.38
Dallas.....	90.86	93.24	89.68	41.3	42.0	42.3	2.20	2.22	2.12
Fort Worth.....	110.34	106.32	105.84	43.1	42.7	42.0	2.56	2.49	2.52
Houston.....	119.28	119.11	114.13	42.6	43.0	41.5	2.80	2.77	2.75
San Antonio.....	77.33	76.96	73.75	41.8	41.6	41.2	1.85	1.85	1.79
UTAH	(1)	109.81	109.48	(1)	39.5	40.4	(1)	2.78	2.71
Salt Lake City.....	(1)	106.39	106.71	(1)	40.3	41.2	(1)	2.64	2.59
VERMONT	86.32	87.15	82.82	41.5	41.9	40.6	2.08	2.08	2.04
Burlington.....	95.04	91.39	86.51	41.5	40.8	39.5	2.29	2.24	2.19
Springfield.....	97.86	101.05	95.30	42.0	43.0	40.9	2.33	2.35	2.33
VIRGINIA	86.32	85.48	81.97	41.7	41.7	41.4	2.07	2.05	1.98
Norfolk-Portsmouth.....	85.86	93.53	88.40	40.5	43.3	41.5	2.12	2.16	2.13
Richmond.....	93.61	92.21	91.17	40.7	40.8	40.7	2.30	2.26	2.24
Roanoke.....	88.00	87.20	82.65	44.0	43.6	43.5	2.00	2.00	1.90
WASHINGTON	111.67	116.91	114.27	37.1	39.1	39.0	3.01	2.99	2.93
Seattle-Everett.....	113.59	117.58	117.71	37.0	38.3	39.5	3.07	3.07	2.98
Spokane.....	120.90	119.08	119.80	39.9	39.3	39.8	3.03	3.03	3.01
Tacoma.....	115.36	115.67	109.91	38.2	38.3	37.9	3.02	3.02	2.90
WEST VIRGINIA	108.54	108.00	102.64	40.5	40.3	39.6	2.68	2.68	2.59
Charleston.....	128.44	131.67	126.07	41.3	41.8	41.2	3.11	3.15	3.06
Huntington-Ashland.....	117.09	113.39	109.59	40.1	39.1	39.0	2.92	2.90	2.81
Wheeling.....	108.94	111.11	106.67	40.2	40.7	40.1	2.71	2.73	2.66
WISCONSIN	115.53	108.45	111.91	42.4	40.7	42.0	2.73	2.66	2.66
Green Bay.....	115.60	109.65	107.33	44.2	42.9	42.7	2.62	2.55	2.51
Kenosha.....	150.83	99.65	151.31	45.6	33.1	46.4	3.31	3.01	3.26
La Crosse.....	105.01	104.06	103.67	39.7	39.7	40.0	2.65	2.62	2.59
Madison.....	124.52	115.48	120.35	42.4	40.3	42.3	2.94	2.86	2.85
Milwaukee.....	124.29	117.83	120.26	41.7	39.9	41.3	2.98	2.95	2.91
Racine.....	120.04	119.61	111.91	41.6	41.6	40.6	2.88	2.87	2.76
WYOMING	106.86	108.74	100.96	39.0	39.4	38.1	2.74	2.76	2.65
Casper.....	123.38	118.58	122.76	38.2	38.5	39.6	3.23	3.08	3.10

¹Not available.

²Area included in New York-Northeastern New Jersey Standard Consolidated Area.

³Subarea 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
Total accessions													
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 ¹	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	3.0		
New hires													
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	2.1		
Total separations													
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 ¹	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	3.5		
Quits													
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		
Layoffs													
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		

¹Beginning 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	
	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964
MANUFACTURING	3.0	4.0	2.1	2.8	3.5	4.2	1.2	1.7	1.7	1.8
DURABLE GOODS	2.9	3.5	2.0	2.5	3.0	3.6	1.1	1.4	1.3	1.4
NONDURABLE GOODS	3.2	4.5	2.2	3.1	4.1	4.8	1.4	1.9	2.2	2.2
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	1.5	1.8	0.7	1.0	2.4	3.0	0.7	0.9	1.3	1.5
Ammunition, except for small arms	1.4	1.8	.7	.9	2.4	3.2	.7	.9	1.3	1.7
Sighting and fire control equipment	1.4	1.7	.5	.8	2.6	2.3	.7	.9	1.0	.4
Other ordnance and accessories	2.0	1.7	1.0	1.2	2.5	2.1	.7	.8	1.5	.8
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	3.5	4.5	2.8	3.8	4.7	5.6	2.2	3.0	1.8	1.8
Sawmills and planing mills	3.1	3.9	2.5	3.3	4.3	4.9	2.0	2.7	1.8	1.4
Sawmills and planing mills, general	2.8	3.7	2.3	3.2	4.4	4.9	1.9	2.6	2.0	1.5
Millwork, plywood, and related products	3.0	3.7	2.5	3.2	3.9	4.9	1.8	2.4	1.5	1.7
Millwork	2.6	3.1	2.1	2.7	4.4	5.1	1.7	2.2	2.1	2.3
Veneer and plywood	3.2	4.2	2.8	3.8	3.3	4.1	2.0	2.6	.7	.5
Wooden containers	5.9	4.6	3.5	3.1	4.4	8.1	2.1	2.4	1.4	4.7
Wooden boxes, shooks, and crates	4.1	4.1	2.9	2.9	3.9	8.3	1.7	2.2	1.7	5.1
Miscellaneous wood products	3.9	5.2	3.1	4.4	4.6	6.2	2.0	3.0	1.7	2.1
FURNITURE AND FIXTURES	3.7	4.9	3.2	4.2	3.9	4.9	1.9	2.6	1.2	1.3
Household furniture	3.9	5.3	3.4	4.6	3.5	4.4	2.0	2.8	.7	.7
Wood house furniture, upholstered	3.9	5.1	3.6	4.6	3.2	4.3	2.1	2.9	.4	.5
Wood house furniture, upholstered	3.7	4.6	3.3	4.3	2.9	3.5	1.7	2.4	.5	.3
Mattresses and bedsprings	2.7	4.0	2.1	3.4	3.7	4.9	1.7	2.6	1.3	1.5
Office furniture	2.9	3.5	2.3	3.0	3.1	4.3	1.7	1.9	.8	1.7
STONE, CLAY, AND GLASS PRODUCTS	2.3	3.0	1.6	2.1	3.7	3.8	1.0	1.4	2.1	1.7
Flat glass	1.3	3.0	.5	.5	1.8	1.6	.1	.2	1.4	1.1
Glass and glassware, pressed or blown	1.9	2.9	1.0	1.7	4.3	4.1	.9	1.2	2.7	2.1
Glass containers	2.1	3.0	1.2	1.5	5.6	5.1	1.1	1.5	3.8	2.7
Pressed and blown glassware, n.e.c.	1.7	2.7	.9	1.9	2.7	2.9	.6	.7	1.5	1.4
Cement, hydraulic	2.3	1.4	.7	.8	3.9	2.5	.3	.4	3.2	1.7
Structural clay products	3.1	2.9	2.2	2.3	3.1	3.7	1.3	1.8	1.3	1.2
Brick and structural clay tile	2.7	3.1	2.5	2.6	3.1	4.1	1.7	2.4	.7	.9
Pottery and related products	2.4	3.0	1.6	2.2	3.0	3.9	1.1	1.7	1.4	1.6
Abrasive products	1.2	1.6	.9	1.3	1.0	1.2	.4	.6	.3	.2
PRIMARY METAL INDUSTRIES	2.1	2.4	1.3	1.6	1.9	2.5	.6	.8	.7	.9
Blast furnace and basic steel products	2.0	2.1	1.0	1.4	1.6	2.0	.4	.6	.6	.5
Blast furnaces, steel and rolling mills	2.0	2.0	.9	1.3	1.6	1.9	.4	.6	.6	.5
Iron and steel foundries	2.8	3.5	2.2	2.4	2.8	3.7	1.3	1.4	.9	1.3
Gray iron foundries	2.6	3.7	2.1	2.2	2.4	3.8	1.2	1.4	.6	1.2
Malleable iron foundries	3.2	4.0	2.9	3.2	2.4	4.5	1.4	1.6	(1)	1.4
Steel foundries	3.0	3.0	2.2	2.3	3.8	3.1	1.3	1.1	1.8	1.3
Nonferrous smelting and refining	1.2	2.1	.9	1.3	1.8	1.7	.5	.7	.9	.5
Nonferrous rolling, drawing, and extruding	1.6	2.1	1.0	1.0	1.5	2.8	.5	.6	.7	1.7
Copper rolling, drawing, and extruding	1.4	1.1	1.1	.8	1.5	2.0	.4	.5	.6	1.0
Aluminum rolling, drawing, and extruding	2.1	1.5	.7	.6	1.5	2.9	.3	.5	.9	2.1
Nonferrous wire drawing, and insulating	(2)	3.6	(2)	1.6	(2)	3.6	(2)	.8	(2)	2.3
Nonferrous foundries	3.5	4.0	2.5	3.1	3.4	4.0	1.3	2.0	1.4	1.3
Aluminum castings	3.5	4.5	2.8	3.5	3.5	4.3	1.5	2.1	1.2	1.3
Other nonferrous castings	3.4	3.5	2.3	2.8	3.2	3.8	1.0	1.8	1.6	1.3
Miscellaneous primary metal industries	2.4	2.2	1.5	1.6	1.9	2.2	.7	.8	.6	.8
Iron and steel forgings	2.3	2.1	1.3	1.6	1.5	2.2	.7	.7	.4	.8

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

ESTABLISHMENT DATA
LABOR TURNOVER

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

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964
<i>Durable Goods--Continued</i>										
FABRICATED METAL PRODUCTS	3.5	4.0	2.5	3.1	3.8	4.7	1.4	1.7	1.8	2.1
Metal cans	4.8	4.0	1.4	1.4	5.8	7.8	.7	1.0	4.3	5.8
Cutlery, hand tools, and general hardware	3.1	4.2	2.6	3.2	2.5	3.7	1.2	1.6	.6	1.2
Cutlery and hand tools, including saws	2.9	2.8	2.6	2.5	2.3	2.3	1.1	1.3	.6	.4
Hardware, n.e.c.	3.2	5.1	2.6	3.8	2.7	4.6	1.3	1.9	.6	1.7
Heating equipment and plumbing fixtures	1.8	3.0	1.3	2.2	4.4	4.3	1.0	1.4	2.8	2.2
Sanitary ware and plumbers' brass goods	1.5	2.6	1.0	1.6	3.0	4.1	.9	1.2	1.7	2.3
Heating equipment, except electric	2.1	3.2	1.6	2.7	5.5	4.5	1.1	1.5	3.7	2.2
Fabricated structural metal products	3.5	4.0	2.7	3.3	4.4	5.0	1.3	1.8	2.4	2.3
Fabricated structural steel	3.7	4.0	2.4	3.2	4.6	6.4	1.3	1.9	2.6	3.7
Fabricated plate work (boiler shops)	3.3	3.2	2.6	2.6	2.7	3.1	1.3	1.6	.8	.9
Architectural and miscellaneous metal work	2.9	3.6	2.0	3.1	4.6	3.8	.8	1.6	3.2	1.5
Screw machine products, bolts, etc.	3.3	3.1	2.8	2.6	2.5	3.2	1.4	1.6	.6	.9
Bolts, nuts, screws, rivets, and washers	2.6	2.3	2.2	2.1	1.9	2.4	1.0	1.2	.5	.7
Metal stampings	4.3	4.3	2.9	3.1	3.6	4.7	1.5	1.4	1.4	2.4
Miscellaneous fabricated wire products	3.2	4.6	2.6	3.7	2.9	3.9	1.6	1.9	.9	1.3
Miscellaneous fabricated metal products	3.2	3.2	2.1	2.4	2.7	4.0	1.2	1.4	1.1	1.9
Valves, pipe, and pipe fittings	3.2	3.0	2.2	2.5	1.9	2.9	1.1	1.3	.3	.9
MACHINERY	2.5	2.8	1.9	2.1	1.9	2.7	.9	1.1	.5	.9
Engines and turbines	2.1	3.0	1.4	1.5	1.4	2.6	.5	.7	.3	.8
Steam engines and turbines	2.2	2.0	1.1	1.0	1.4	2.2	.2	.3	.3	.8
Internal combustion engines, n.e.c.	2.1	3.5	1.6	1.8	1.4	2.8	.7	.9	.2	.9
Farm machinery and equipment	3.5	3.1	2.2	2.1	1.9	4.0	1.0	1.1	.5	2.2
Construction and related machinery	2.4	2.4	2.0	2.0	1.8	2.7	.9	1.1	.4	1.0
Construction and mining machinery	2.2	1.9	1.8	1.5	1.7	2.9	.8	1.0	.4	1.4
Oil field machinery, and equipment	1.8	2.2	1.7	2.1	1.6	1.7	.9	1.1	.2	.1
Conveyors, hoists, and industrial cranes	2.6	2.6	2.3	2.3	1.8	2.4	1.0	1.1	.4	.8
Metalworking machinery and equipment	2.6	2.9	2.1	2.2	1.9	2.4	1.0	1.1	.4	.5
Machine tools, metal cutting types	1.7	2.0	1.4	1.7	1.2	1.6	.7	.9	.2	.2
Machine tool accessories	1.8	2.3	1.5	1.9	1.3	1.6	.6	.9	.3	.2
Miscellaneous metalworking machinery	2.1	2.3	1.7	1.8	1.3	1.7	.8	.9	.1	.3
Special industry machinery	2.3	2.5	2.0	2.1	1.8	2.3	.8	1.1	.6	.6
Food products machinery	1.9	2.4	1.6	1.9	2.0	2.7	.6	1.0	.9	1.0
Textile machinery	3.1	2.9	2.7	2.5	1.8	2.1	1.1	1.3	.2	.2
General industrial machinery	2.1	2.4	1.7	2.0	1.6	2.1	.8	.9	.4	.7
Pumps, air and gas compressors	2.1	2.6	1.9	2.3	1.6	1.8	.8	.9	.2	.3
Ball and roller bearings	1.7	1.9	1.2	1.3	1.2	1.9	.6	.6	.3	.9
Mechanical power transmission goods	1.8	2.0	1.6	1.8	1.5	1.7	.6	.9	.3	.3
Office, computing, and accounting machines	2.1	2.6	1.6	1.7	1.4	2.1	.6	.9	.3	.6
Computing machines and cash registers	2.2	2.8	1.7	1.8	1.4	2.0	.6	.8	.3	.4
Service industry machines	3.1	3.2	2.1	2.2	2.3	3.3	1.0	1.3	.7	1.3
Refrigeration, except home refrigerators	3.1	3.6	1.8	2.0	2.4	3.6	1.0	1.3	.8	1.5
ELECTRICAL EQUIPMENT AND SUPPLIES	3.1	3.6	2.1	2.5	2.9	2.8	1.1	1.3	1.1	.8
Electric distribution equipment	2.3	2.7	1.6	2.1	2.0	2.2	.8	1.1	.6	.5
Electric measuring instruments	3.5	3.5	2.0	2.7	2.9	2.6	1.0	1.2	1.0	.7
Power and distribution transformers	1.9	2.5	1.4	1.9	2.0	1.8	.7	1.0	.8	.4
Switchgear and switchboard apparatus	1.6	2.2	1.3	1.7	1.4	2.2	.7	1.0	.2	.4
Electrical industrial apparatus	2.7	3.2	2.0	2.3	2.0	2.4	.9	1.2	.6	.7
Motors and generators	2.8	3.2	1.9	2.2	2.3	2.4	.9	1.0	.8	.9
Industrial controls	2.9	3.3	2.3	2.6	1.8	2.1	1.0	1.2	.3	.2
Household appliances	3.5	3.5	1.7	2.4	2.4	2.5	1.0	1.3	.5	.5
Household refrigerators and freezers	6.6	3.3	2.4	2.0	2.6	1.7	.8	.9	.1	.1
Household laundry equipment	.9	3.5	.7	2.4	.9	1.7	.4	1.0	.1	.2
Electric housewares and fans	2.9	4.5	2.0	3.4	3.3	4.2	1.7	2.2	.9	1.1
Electric lighting and wiring equipment	3.1	3.4	2.0	2.7	2.9	3.1	1.0	1.3	1.3	1.1
Electric lamps	1.6	1.9	1.2	1.5	1.2	1.2	.6	.6	.1	.1
Lighting fixtures	4.4	3.2	2.1	2.4	4.9	4.0	1.4	1.2	3.0	2.0
Wiring devices	2.8	4.3	2.2	3.5	1.9	3.2	1.0	1.6	.5	.7
Radio and TV receiving sets	3.8	4.8	2.5	3.7	6.3	3.8	1.8	1.7	3.2	1.3
Communication equipment	2.7	3.0	2.0	2.0	2.2	2.3	1.1	1.0	.6	.7
Telephone and telegraph apparatus	(2)	2.6	(2)	2.0	(2)	1.2	(2)	.8	(2)	(1)
Radio and TV communication equipment	2.8	3.2	1.9	2.0	2.5	2.8	1.1	1.1	.8	1.0
Electronic components and accessories	4.1	5.1	2.8	3.3	3.8	3.7	1.4	1.8	1.7	1.0
Electron tubes	2.2	3.2	1.3	1.4	2.1	2.3	1.0	1.1	.5	.5
Electronic components, n.e.c.	4.7	5.8	3.3	3.9	4.4	4.2	1.5	2.0	2.1	1.1
Miscellaneous electrical equipment and supplies	2.3	3.0	1.9	2.1	2.8	2.5	1.0	1.1	1.1	.6
Electrical equipment for engines	(2)	1.9	(2)	1.2	(2)	2.1	(2)	.8	(2)	.6

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

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964
<i>Durable Goods--Continued</i>										
TRANSPORTATION EQUIPMENT	3.0	4.0	1.7	2.3	2.7	4.0	0.9	1.1	1.4	2.1
Motor vehicles and equipment	(2)	3.5	(2)	2.0	(2)	3.7	(2)	1.0	(2)	1.7
Motor vehicles	(2)	3.3	(2)	2.0	(2)	2.5	(2)	.9	(2)	.6
Passenger car bodies	(2)	5.4	(2)	2.0	(2)	2.6	(2)	.7	(2)	.4
Truck and bus bodies	(2)	3.8	(2)	2.2	(2)	8.3	(2)	1.9	(2)	5.6
Motor vehicle parts and accessories	(2)	3.3	(2)	1.8	(2)	4.5	(2)	.9	(2)	2.5
Aircraft and parts	2.0	2.2	1.4	1.5	1.9	2.4	.7	.9	.9	1.1
Aircraft	1.6	2.0	1.0	1.2	1.8	2.0	.6	.8	1.0	.9
Aircraft engines and engine parts	2.3	1.8	1.6	1.2	1.8	2.3	.7	.7	.7	1.1
Other aircraft parts and equipment	2.8	3.4	2.2	2.7	2.4	4.1	1.0	1.6	.9	1.7
Ship and boat building and repairing	8.3	12.5	4.0	5.9	5.9	10.7	1.4	2.1	3.6	7.7
Ship building and repairing	8.6	13.2	3.6	5.7	5.5	11.1	1.1	1.9	3.8	8.4
Railroad equipment	3.4	6.0	1.9	3.3	2.3	4.8	.8	.9	.9	2.6
Other transportation equipment	4.1	6.4	3.4	5.9	6.2	7.7	2.6	3.6	2.7	2.8
INSTRUMENTS AND RELATED PRODUCTS	2.4	2.8	1.6	2.0	2.3	3.1	.8	1.7	.9	.8
Engineering and scientific instruments	2.4	2.5	1.7	1.5	2.3	2.3	.9	1.0	1.0	.6
Mechanical measuring and control devices	2.9	2.7	1.7	1.7	2.7	3.2	1.0	1.4	1.0	.9
Mechanical measuring devices	2.3	2.1	1.9	1.8	2.0	1.9	.8	1.0	.9	.4
Automatic temperature controls	3.7	3.7	1.2	1.5	3.7	5.2	1.2	1.9	1.1	1.5
Optical and ophthalmic goods	2.7	3.6	2.2	3.0	2.6	2.8	1.1	1.7	.9	.5
Surgical, medical, and dental equipment	2.8	3.2	1.6	2.4	1.8	3.3	.8	1.4	.5	1.5
Photographic equipment and supplies	1.5	1.9	1.4	1.8	1.2	3.4	.6	2.7	.3	.3
Watches and clocks	2.1	3.6	1.3	2.3	4.3	4.1	.9	1.9	2.4	1.1
MISCELLANEOUS MANUFACTURING INDUSTRIES	3.8	6.1	3.0	5.0	6.1	5.5	1.9	2.5	3.4	2.1
Jewelry, silverware, and plated ware	3.8	4.8	3.4	4.2	3.1	3.5	1.6	2.2	.8	.6
Toys, amusement, and sporting goods	5.0	8.2	4.0	6.9	10.7	8.3	2.7	3.1	7.2	3.8
Toys, games, dolls, and play vehicles	5.0	9.2	4.3	8.0	12.9	9.4	3.0	3.5	8.9	4.4
Sporting and athletic goods, n.e.c.	5.2	5.7	3.4	4.3	6.0	5.6	2.2	2.3	3.3	2.3
Pens, pencils, office and art materials	2.4	5.5	2.2	4.4	3.5	3.4	1.3	1.8	1.7	.8
Costume jewelry, buttons, and notions	4.2	6.8	3.1	5.4	4.4	6.5	2.0	3.8	1.4	1.8
Other manufacturing industries	3.1	4.8	2.1	3.8	4.4	4.1	1.4	1.8	2.3	1.6
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	4.1	7.2	2.6	4.6	6.4	7.7	1.7	2.4	4.2	4.6
Meat products	4.6	6.4	2.7	3.9	4.9	5.7	2.1	2.4	2.3	2.6
Meat packing	4.3	6.3	1.7	2.6	4.0	5.0	.8	1.0	2.7	3.4
Poultry dressing and packing	6.6	9.0	5.9	8.2	8.7	8.6	6.2	7.0	1.9	.7
Grain mill products	2.5	3.3	1.9	2.6	4.0	3.7	.8	1.3	2.6	1.8
Flour and other grain mill products	1.8	3.1	1.5	2.4	2.5	2.9	.6	.9	1.5	1.5
Prepared feeds for animals and fowls	2.9	3.5	2.4	2.8	4.5	4.6	1.1	1.5	2.9	2.5
Bakery products	2.4	3.4	2.0	2.8	3.3	3.7	1.3	1.9	1.4	1.2
Bread, cake, and perishable products	2.3	3.4	2.0	2.9	2.9	3.3	1.3	1.9	1.1	.9
Biscuit, crackers, and pretzels	2.9	3.5	1.4	2.5	5.7	5.8	1.3	2.2	3.5	2.7
Confectionery and related products	5.2	9.1	3.6	6.6	8.5	7.1	3.1	3.8	4.7	2.5
Candy and other confectionery products	6.0	10.8	4.2	7.9	9.8	7.6	3.7	4.4	5.4	2.4
Beverages	3.4	4.3	2.1	2.6	4.3	5.7	1.4	2.0	2.3	2.9
Malt liquors	3.9	3.3	1.1	.8	3.2	4.9	.5	.5	2.3	3.9
TOBACCO MANUFACTURES	1.9	6.1	1.4	3.7	12.1	5.6	.9	1.8	10.5	3.3
Cigarettes . . . . .	.9	1.1	.5	.7	.7	.9	.2	.4	.1	.1
Cigars	3.9	4.0	3.3	3.1	2.7	4.0	1.8	2.9	.6	.7

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	
	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964
<i>Nondurable Goods--Continued</i>										
TEXTILE MILL PRODUCTS	3.2	3.8	2.3	2.8	3.4	4.0	1.7	2.1	1.1	1.1
Cotton broad woven fabrics	2.8	3.6	2.1	2.8	2.5	3.2	1.8	2.3	.2	.3
Silk and synthetic broad woven fabrics	2.7	3.3	2.2	2.6	3.1	3.5	1.7	2.1	.5	.5
Weaving and finishing broad woolsens	3.9	3.7	2.2	2.2	5.1	5.9	1.2	1.8	3.3	3.6
Narrow fabrics and smallwares	3.9	3.7	2.9	3.2	3.7	3.9	1.8	2.2	1.3	1.1
Knitting	2.8	3.8	2.0	2.8	4.1	4.4	1.5	2.2	2.1	1.5
Full-fashioned hosiery	3.5	4.9	2.6	3.5	2.2	4.4	1.7	2.7	.2	.4
Seamless hosiery	2.6	3.2	1.9	2.6	2.6	3.0	1.5	2.0	.7	.5
Knit underwear	2.4	2.3	1.8	1.7	2.3	2.7	1.3	1.7	.8	.7
Finishing textiles, except wool and knit	3.0	2.4	2.1	1.9	2.3	2.7	1.4	1.4	.5	.8
Floor covering	3.8	5.7	3.2	4.4	3.4	4.2	1.9	2.2	1.0	1.0
Yarn and thread	4.5	5.6	3.5	3.9	4.0	5.3	2.6	2.9	.6	1.6
Miscellaneous textile goods	4.1	3.5	2.0	2.2	3.8	4.1	1.2	1.5	1.8	1.7
APPAREL AND RELATED PRODUCTS	4.4	5.5	2.7	3.6	5.1	5.8	1.9	2.5	2.5	2.5
Men's and boys' suits and coats	2.5	3.6	1.8	2.1	2.6	3.8	1.0	1.3	1.1	1.8
Men's and boys' furnishings	3.9	4.4	2.7	3.2	3.8	4.6	2.3	2.9	1.0	1.0
Men's and boys' shirts and nightwear	3.8	4.2	2.6	3.2	3.6	4.5	2.3	3.1	.5	.8
Men's and boys' separate trousers	4.0	3.7	2.6	2.9	3.5	4.5	2.4	2.8	.6	1.0
Work clothing?	3.7	4.3	2.7	3.3	3.6	4.6	2.4	2.9	.8	1.1
Women's and children's undergarments	3.8	5.3	2.6	4.0	4.4	5.0	2.0	2.7	1.5	1.4
Women's and children's underwear	4.1	5.3	2.8	4.0	5.3	5.6	2.3	3.0	1.8	1.6
Corsets and allied garments	3.1	5.2	2.4	4.0	2.9	3.9	1.5	2.2	.8	.9
PAPER AND ALLIED PRODUCTS	2.0	2.6	1.4	2.2	2.4	2.9	.9	1.3	.9	.9
Paper and pulp	1.3	1.4	.7	1.1	1.5	1.6	.5	.7	.7	.4
Paperboard	1.3	1.7	1.0	1.4	1.4	1.6	.5	.8	.5	.4
Converted paper and paperboard products	2.6	3.3	1.8	2.7	3.0	4.0	1.2	1.9	1.2	1.4
Bags, except textile bags	3.0	4.8	2.2	3.8	4.7	5.1	1.8	2.5	1.8	1.5
Paperboard containers and boxes	2.6	3.8	2.1	3.2	3.1	3.9	1.3	1.7	1.2	1.2
Folding and setup paperboard boxes	3.2	4.3	2.6	3.8	3.5	4.5	1.5	2.1	1.3	1.4
Corrugated and solid fiber boxes	2.3	3.7	2.0	3.2	3.0	3.5	1.3	1.7	1.0	.9
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	2.6	3.1	2.0	2.5	2.5	3.0	1.2	1.5	.8	1.0
CHEMICALS AND ALLIED PRODUCTS	1.6	1.9	1.2	1.4	1.7	2.1	.6	.8	.7	.8
Industrial chemicals . . . . .	.7	1.2	.6	.9	1.0	1.4	.3	.5	.3	.4
Plastics and synthetics, except glass	1.5	1.7	1.2	1.4	1.3	1.6	.6	.6	.3	.5
Plastics and synthetics, except fibers	1.5	1.5	1.4	1.3	1.4	1.8	.7	.8	.3	.6
Synthetic fibers	1.4	1.9	.9	1.5	1.1	1.5	.5	.6	.3	.4
Drugs	1.6	1.7	1.4	1.4	1.2	1.6	.5	.9	.3	.3
Pharmaceutical preparations	1.8	2.0	1.5	1.6	1.3	1.7	.6	1.0	.3	.4
Soap, cleaners, and toilet goods	2.5	3.1	1.8	2.4	3.6	3.8	.9	1.3	2.0	1.5
Soap and detergents	1.4	2.3	.7	1.5	4.5	3.2	.5	.9	3.6	1.7
Toilet preparations	4.2	4.7	3.5	3.7	4.2	5.3	1.4	1.8	1.5	1.7
Paints, varnishes, and allied products	1.5	1.8	1.1	1.6	1.6	2.8	.8	1.1	.4	1.1
Other chemical products	2.2	2.5	1.4	1.5	2.5	2.7	.7	.9	1.4	1.4
PETROLEUM REFINING AND RELATED INDUSTRIES . . . . .	.8	1.3	.5	1.0	1.5	2.0	.3	.7	.8	.9
Petroleum refining . . . . .	.5	1.0	.4	.8	.9	1.3	.2	.5	.3	.4
Other petroleum and coal products	1.8	2.5	1.2	2.0	4.2	5.2	.7	1.6	2.9	2.9
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	3.1	3.8	2.0	2.8	3.9	4.5	1.3	1.7	1.9	1.9
Tires and inner tubes	1.3	1.3	.7	.6	1.6	2.7	.3	.3	.8	1.8
Other rubber products	2.7	3.1	1.5	2.2	3.4	3.8	1.1	1.5	1.7	1.6
Miscellaneous plastic products	4.5	5.8	3.2	4.6	5.6	6.2	2.0	2.8	2.6	2.2

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

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964	Nov. 1964	Oct. 1964
<i>Nondurable Goods--Continued</i>										
LEATHER AND LEATHER PRODUCTS	4.5	4.9	3.0	3.5	4.4	5.1	2.0	2.7	1.7	1.6
Leather tanning and finishing	3.1	3.7	1.8	2.9	3.0	3.9	.9	1.4	1.6	1.9
Footwear, except rubber	4.5	4.7	2.8	3.1	4.1	5.2	2.1	2.8	1.4	1.7
NONMANUFACTURING										
METAL MINING	2.5	2.8	1.7	2.1	3.8	3.2	1.0	1.4	2.3	1.1
Iron ores	2.0	1.6	.3	1.0	6.6	2.7	.2	.3	6.0	2.0
Copper ores	1.5	2.5	1.0	1.4	.9	2.2	.5	1.4	(1)	.1
COAL MINING	1.5	1.9	.8	.9	1.3	1.6	.4	.6	.5	.6
Bituminous	1.5	1.7	.8	.9	1.2	1.5	.4	.7	.4	.6
COMMUNICATIONS:										
Telephone communication	(2)	1.9	-	-	(2)	1.6	(2)	1.1	(2)	.2
Telegraph communication ³	(2)	1.4	-	-	(2)	1.9	(2)	.8	(2)	.6

¹Less than 0.05.

²Not available.

³Data relate to all employees except messengers.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED LABOR TURNOVER

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

(Per 100 employees)												
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
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 ¹	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	3.9	
New hires												
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	2.7	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	2.7	
Total separations												
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 ¹	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	3.5	
Quits												
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	
Layoffs												
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	

¹Beginning 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	
	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964
ALABAMA ¹	3.7	3.9	2.1	2.5	3.4	4.2	1.4	2.1	1.4	1.6
Birmingham	3.0	3.4	1.8	1.9	2.4	3.1	.9	1.5	.8	1.0
Mobile ¹	12.2	6.6	3.0	2.4	8.1	13.0	1.2	1.7	6.2	10.8
ALASKA	13.1	12.7	9.1	11.0	22.6	36.0	8.3	9.1	13.2	26.1
ARIZONA	5.2	5.8	3.5	3.6	4.2	5.0	1.9	2.7	1.3	1.4
Phoenix	5.5	6.2	3.7	3.8	4.2	5.1	2.0	2.7	1.3	1.5
ARKANSAS	5.9	6.8	4.9	5.8	5.4	6.9	2.9	4.5	1.6	1.5
Fort Smith	5.9	6.9	5.7	6.4	7.3	6.4	3.1	3.9	3.1	1.4
Little Rock-North Little Rock	4.4	7.2	4.2	6.1	5.1	6.5	2.6	4.4	1.5	.9
Pine Bluff	4.0	6.8	3.5	6.1	3.8	6.0	2.8	5.2	.5	.1
CALIFORNIA ¹	4.3	4.8	3.3	3.7	4.8	5.3	1.8	2.7	2.1	1.7
Anahem-Santa Ana-Garden Grove ¹	4.3	4.8	3.5	3.8	3.8	4.5	1.9	2.7	1.0	.9
Los Angeles-Long Beach ^{1 2}	4.5	4.8	3.5	3.7	4.7	5.2	2.0	2.7	1.7	1.5
Sacramento ¹	2.0	1.8	1.0	1.2	4.1	5.3	.9	1.5	2.9	3.2
San Bernardino-Riverside-Ontario ¹	3.8	4.6	3.0	3.9	3.4	4.7	1.6	2.9	1.1	1.0
San Diego ¹	3.4	3.4	2.4	2.3	4.5	3.9	1.2	1.6	2.4	1.8
San Francisco-Oakland ¹	4.1	5.8	2.7	4.0	5.4	6.1	1.3	2.3	3.3	2.9
San Jose ¹	2.6	2.6	2.1	2.1	3.5	4.4	1.4	2.2	1.2	1.4
Stockton ¹	6.6	8.7	5.4	6.6	9.1	7.9	2.2	4.9	5.7	1.9
COLORADO	(3)	5.1	(3)	3.5	(3)	6.4	(3)	3.3	(3)	2.5
CONNECTICUT	2.8	3.2	2.1	2.4	2.7	3.8	1.3	2.3	.7	.9
Bridgeport	2.4	2.8	1.9	2.3	2.4	3.5	1.3	2.2	.6	.7
Hartford	2.2	2.2	1.7	1.9	2.0	2.8	1.1	2.0	.5	.5
New Britain	3.2	3.9	2.5	2.7	2.5	3.7	1.4	2.0	.4	.7
New Haven	4.2	4.1	3.5	2.8	3.5	3.5	1.8	2.1	.7	.4
Stamford	2.5	3.2	2.1	2.6	2.0	3.6	1.0	2.4	.3	.4
Waterbury	3.2	3.3	1.8	2.1	2.7	3.6	1.5	2.1	.9	.7
DELAWARE ¹	3.5	5.0	2.9	4.1	2.9	3.8	1.4	2.3	.8	.6
Wilmington ¹	2.7	4.4	2.0	3.4	2.4	3.6	1.1	2.2	.7	.6
DISTRICT OF COLUMBIA:										
Washington	3.5	3.7	3.1	3.5	3.0	4.1	2.2	2.7	.2	.4
FLORIDA	8.1	5.6	4.5	4.2	4.8	5.3	2.5	2.7	1.6	1.8
Jacksonville	4.7	6.1	3.2	4.3	6.4	6.1	2.7	3.2	3.0	2.1
Miami	6.6	6.9	5.2	5.9	5.1	4.8	2.5	3.0	1.7	.9
Tampa-St. Petersburg	5.6	4.2	4.4	2.6	5.6	6.4	2.2	1.8	2.5	3.4
GEORGIA	4.9	5.3	3.5	4.2	4.3	5.0	2.5	3.2	1.0	1.0
Atlanta ⁴	4.0	5.4	3.5	4.8	4.3	4.5	2.1	3.0	1.2	.5
HAWAII ⁵	2.1	2.9	1.7	2.3	4.4	4.1	1.4	2.0	2.1	.7
IDAHO ⁶	4.4	5.5	3.4	5.0	5.2	7.4	2.3	5.4	2.2	1.3
INDIANA ¹	3.1	3.7	2.2	2.9	3.4	4.0	1.4	2.5	1.4	.9
Indianapolis ⁷	2.3	3.0	1.7	2.5	2.4	2.7	1.0	1.7	.7	.4
IOWA	3.3	4.8	2.3	3.1	3.6	4.7	1.5	2.6	1.3	1.6
Des Moines	4.0	4.3	3.2	3.4	5.4	5.8	1.9	3.5	2.7	1.5
KANSAS	3.6	4.7	2.5	3.3	3.3	4.1	1.4	2.2	1.3	1.1
Topeka	1.4	2.5	1.2	2.2	3.3	4.9	.8	3.0	2.1	.9
Wichita	2.4	4.1	1.8	2.5	2.0	2.8	1.1	1.5	.4	.4
KENTUCKY	3.8	3.8	2.2	2.6	3.5	3.5	1.3	2.2	1.7	.7
Louisville	3.3	3.8	1.9	2.6	3.1	3.4	1.0	1.9	1.5	.7
LOUISIANA	5.2	4.9	3.2	2.6	3.9	4.5	1.1	1.8	2.1	1.9
New Orleans ⁸	5.2	7.1	3.3	3.3	4.6	5.4	1.2	2.0	-2.5	2.6

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)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964
MAINE.....	5.2	5.1	3.7	3.6	6.5	8.7	2.9	4.5	2.9	3.4
Portland.....	4.4	4.1	3.9	3.4	3.8	8.0	2.2	5.1	.8	2.3
MARYLAND.....	4.2	4.8	2.6	3.2	4.3	6.4	1.6	2.7	2.1	2.8
Baltimore.....	4.1	4.4	2.5	2.8	4.1	5.1	1.4	2.5	2.0	1.8
MASSACHUSETTS.....	3.8	4.5	2.8	3.2	3.6	4.9	1.7	2.8	1.2	1.2
Boston.....	3.8	4.0	2.6	3.0	3.4	4.3	1.6	2.5	1.1	1.0
Fall River.....	5.1	4.5	3.7	3.1	4.2	5.0	1.9	2.1	1.5	2.0
New Bedford.....	4.3	6.1	3.2	3.8	4.4	5.0	1.9	3.0	1.7	1.1
Springfield-Chicopee-Holyoke.....	3.1	4.2	2.5	3.2	3.0	4.7	1.4	3.0	1.1	1.0
Worcester.....	3.2	3.7	2.5	2.8	2.9	4.5	1.5	2.3	.8	1.0
MICHIGAN.....	3.5	5.0	1.9	3.4	4.2	4.0	1.1	1.9	2.0	1.1
Detroit.....	3.0	5.2	1.8	3.7	3.5	3.9	1.0	1.7	1.4	.9
Grand Rapids.....	4.9	6.0	2.8	3.9	4.7	5.4	1.5	2.3	1.8	1.4
Lansing.....	3.4	5.1	1.2	4.0	3.9	4.0	.7	1.2	1.3	.8
Muskegon-Muskegon Heights.....	3.4	3.1	.7	1.6	7.0	3.6	1.0	2.0	5.3	1.0
Saginaw.....	3.4	5.1	.7	2.7	7.4	7.1	.5	1.5	4.9	4.7
MINNESOTA.....	4.3	5.7	2.3	3.5	6.3	7.6	1.7	3.1	3.8	3.5
Duluth-Superior.....	3.2	6.1	2.7	5.0	3.8	4.7	1.5	2.9	1.6	1.1
Minneapolis-St. Paul.....	3.8	4.9	2.1	2.6	3.7	5.5	1.4	2.4	1.4	1.9
MISSISSIPPI.....	4.5	5.6	3.6	4.5	4.4	5.3	2.3	3.3	1.4	1.2
Jackson.....	4.6	6.0	4.0	5.2	4.3	5.2	2.9	3.7	.8	.8
MISSOURI.....	3.1	4.0	2.2	3.2	3.9	4.3	1.6	2.7	1.6	1.0
Kansas City.....	3.5	4.3	2.7	3.6	4.0	4.5	1.7	2.7	1.5	1.1
St. Louis.....	2.8	3.9	2.0	3.0	3.4	3.9	1.3	2.2	1.4	.9
MONTANA ⁶	3.7	5.3	3.4	4.0	5.1	7.7	2.5	5.1	1.5	1.3
NEBRASKA.....	7.1	5.1	4.5	3.9	5.4	5.8	2.6	4.0	2.1	1.3
NEVADA.....	4.8	6.5	4.8	6.4	5.1	7.8	2.3	5.0	1.9	1.6
NEW HAMPSHIRE.....	4.5	4.7	3.5	3.9	4.3	5.6	2.5	3.6	1.2	1.1
NEW MEXICO.....	3.1	5.7	2.4	4.6	4.7	6.0	2.2	3.7	1.1	.9
Albuquerque.....	2.2	4.8	1.8	3.4	4.6	5.0	3.0	3.3	1.2	.7
NEW YORK.....	4.3	4.9	3.1	3.5	4.5	4.6	1.5	2.2	2.3	1.7
Albany-Schenectady-Troy.....	2.9	2.8	1.7	1.7	2.1	3.5	.7	1.5	.6	.9
Binghamton.....	3.0	2.8	2.2	2.0	2.4	3.0	1.5	2.0	.2	.2
Buffalo.....	2.5	3.5	1.7	2.5	3.8	3.6	.8	1.9	2.4	1.1
Elmira.....	2.6	4.1	2.0	2.9	2.6	4.0	1.2	2.5	.9	1.0
Nassau and Suffolk Counties ⁹	3.3	3.6	2.6	2.8	3.4	5.0	1.5	2.2	1.4	2.1
New York SMSA.....	4.9	5.1	3.6	3.4	4.4	5.1	1.5	1.9	2.1	2.2
New York City ⁹	5.3	5.0	3.8	3.6	4.8	5.2	1.5	1.8	2.4	2.4
Rochester.....	3.6	3.2	2.8	2.8	6.7	3.3	2.1	2.4	4.2	.4
Syracuse.....	2.7	3.5	2.1	2.6	3.0	4.4	1.4	2.7	1.0	.9
Utica-Rome.....	3.2	4.5	2.1	2.8	2.7	3.3	1.0	1.8	1.2	.8
Westchester County ⁹	4.9	9.1	3.4	3.8	4.2	4.8	1.7	2.3	1.7	1.7
NORTH CAROLINA.....	3.8	6.2	3.0	5.0	3.6	4.5	2.2	3.2	.9	.7
Charlotte.....	3.8	4.2	3.3	3.5	2.8	3.5	2.1	2.9	.2	.1
Greensboro-High Point.....	3.6	4.4	3.2	4.0	3.1	5.0	2.5	3.4	.1	.7
NORTH DAKOTA.....	2.4	4.1	1.4	3.5	5.3	8.4	2.1	4.0	2.6	3.2
Fargo-Moorhead.....	3.4	15.0	1.7	5.3	5.8	5.5	2.2	4.0	3.2	.5

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964
OHIO.....	2.7	4.0	1.8	2.8	3.6	3.8	1.1	2.1	1.9	1.1
Akron.....	1.5	2.3	1.0	1.8	1.6	2.3	.7	1.1	.5	.7
Canton.....	3.6	5.0	2.6	3.7	3.8	4.0	1.4	2.0	1.3	.8
Cincinnati.....	2.3	3.4	1.6	2.2	3.0	3.5	.9	1.8	1.7	1.0
Cleveland.....	2.7	3.7	2.0	2.5	3.0	3.6	1.2	2.2	1.2	.7
Columbus.....	2.8	3.3	2.0	2.1	3.2	3.1	1.2	1.4	1.4	1.1
Dayton.....	2.5	4.1	1.8	2.8	2.3	3.1	.8	1.7	.8	.7
Toledo.....	2.5	3.3	1.5	1.9	2.4	3.2	.7	1.6	.8	.8
Youngstown-Warren.....	3.3	4.5	1.6	2.7	3.4	3.9	.8	2.0	1.9	1.4
OKLAHOMA ¹⁰	4.1	4.3	3.2	3.6	3.8	4.4	2.1	2.8	1.1	1.0
Oklahoma City.....	4.7	5.6	3.3	4.3	3.9	5.2	2.1	3.0	1.0	1.2
Tulsa ¹⁰	3.8	4.2	3.3	4.1	4.6	5.0	2.2	3.4	1.7	1.1
OREGON ¹	4.4	5.9	3.8	5.2	5.8	8.0	2.5	4.8	2.4	2.3
Portland ¹	4.1	5.5	3.4	4.8	5.3	7.3	1.9	3.7	2.7	2.7
PENNSYLVANIA.....	3.1	3.7	2.0	2.5	3.2	4.0	1.2	2.0	1.5	1.4
Allentown-Bethlehem-Easton.....	3.4	4.1	2.5	2.9	2.4	3.6	1.2	2.1	.8	1.0
Erie.....	3.1	4.9	2.2	3.5	3.1	3.8	1.4	2.2	1.2	.9
Harrisburg.....	2.7	3.8	1.6	2.1	3.7	4.0	1.3	1.8	1.8	1.6
Lancaster.....	2.8	3.3	2.4	2.7	3.1	4.0	1.5	2.7	1.2	.7
Philadelphia.....	3.0	3.3	2.0	2.3	3.5	3.7	1.1	1.8	1.7	1.3
Pittsburgh.....	1.7	2.4	1.0	1.7	2.2	3.0	.5	1.4	1.1	1.0
Reading.....	3.3	3.8	2.6	3.0	3.5	5.1	1.6	2.4	1.1	2.1
Scranton.....	4.4	4.4	2.8	2.9	4.2	5.5	1.6	1.9	2.0	3.1
Wilkes-Barre-Hazleton.....	3.9	3.3	2.1	1.9	4.4	4.2	1.2	1.7	2.6	2.0
York.....	3.5	4.6	2.9	3.1	3.5	5.3	2.0	3.1	1.1	1.8
RHODE ISLAND.....	6.0	6.4	4.1	4.8	6.0	6.4	2.8	3.6	2.3	1.9
Providence-Pawtucket-Warwick.....	5.7	5.4	4.1	4.2	5.8	5.8	2.8	3.4	2.1	1.5
SOUTH CAROLINA ¹¹	3.9	4.1	3.1	3.3	3.6	4.7	2.4	3.2	.5	.7
Charleston.....	(3)	4.8	(3)	3.5	(3)	5.9	(3)	2.4	(3)	2.8
SOUTH DAKOTA.....	5.6	5.3	2.6	2.1	3.9	6.9	1.6	3.2	1.9	2.7
Sioux Falls.....	5.8	4.6	2.3	1.3	4.7	6.3	1.5	3.0	3.0	2.6
TENNESSEE.....	3.4	4.1	2.6	2.9	3.3	3.6	1.5	2.2	1.0	.8
Chattanooga ⁸	2.8	3.3	2.0	2.3	2.8	3.1	1.4	2.0	1.0	.7
Knoxville.....	1.5	2.6	1.1	.9	1.5	2.8	.8	1.6	.5	1.0
Memphis.....	4.4	5.7	3.5	4.4	4.3	4.7	2.0	2.7	1.2	.9
Nashville.....	4.2	4.4	3.3	3.4	3.8	3.8	1.8	2.7	1.1	.4
TEXAS ¹²	3.3	4.4	2.6	3.3	3.4	4.4	1.8	2.8	1.0	.9
Dallas ¹²	3.3	4.1	2.8	3.7	3.1	4.4	1.9	2.9	.6	.8
Fort Worth ¹²	3.4	10.1	2.9	4.3	3.3	4.7	1.8	3.1	1.1	1.0
Houston ¹²	3.2	3.6	2.8	3.2	3.1	3.8	1.8	2.5	.5	.5
San Antonio ¹²	3.3	3.1	2.7	2.7	3.1	3.5	1.4	2.3	1.1	.5
UTAH ⁶	3.0	3.6	2.4	2.6	3.6	5.8	1.8	3.4	1.2	1.8
Salt Lake City ⁶	3.1	3.4	2.6	3.0	3.9	4.9	2.2	3.2	1.0	1.0
VERMONT.....	3.8	4.4	3.3	3.6	3.1	4.2	1.6	2.8	.9	.7
Burlington.....	5.7	5.4	4.6	3.9	2.9	4.2	1.4	2.1	1.0	1.6
Springfield.....	1.6	2.6	1.4	2.4	1.8	4.0	.7	3.3	.5	.1
VIRGINIA.....	4.0	4.5	3.1	3.3	3.4	3.9	1.8	2.7	.9	.6
Norfolk-Portsmouth.....	3.8	4.2	2.8	3.3	4.3	3.9	1.8	1.8	1.9	1.5
Richmond.....	4.1	4.2	3.5	3.5	3.2	4.1	2.1	2.9	.4	.4
Roanoke.....	3.3	3.8	2.6	3.2	2.7	3.2	1.4	2.5	.5	.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	
	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964	Oct. 1964	Sept. 1964
WASHINGTON ¹³	3.6	4.6	2.7	3.6	4.0	6.1	1.7	4.0	1.6	1.4
Seattle-Everett ¹³	3.2	3.8	2.0	2.7	3.5	4.6	1.4	2.9	1.5	1.2
Spokane ¹³	3.6	3.8	2.2	3.1	6.4	8.3	1.0	3.7	4.4	3.8
Tacoma ¹³	4.4	5.6	3.5	4.4	5.1	7.2	1.8	3.8	2.4	2.8
WEST VIRGINIA.....	2.3	3.5	1.2	1.6	2.5	3.2	.7	1.5	1.0	1.0
Charleston.....	1.0	.6	.3	.4	1.2	1.6	.4	.9	.4	.4
Huntington-Ashland.....	1.3	2.6	.9	1.6	1.4	3.2	.6	1.4	.6	1.4
Wheeling.....	2.4	4.5	1.6	1.8	3.0	3.3	.7	1.8	1.0	.6
WISCONSIN.....	3.6	4.8	2.7	3.5	4.3	6.2	1.7	3.3	1.8	2.1
Green Bay.....	1.8	5.8	1.5	4.2	4.7	5.6	1.0	3.5	3.4	1.2
Kenosha.....	7.4	6.4	4.7	1.4	2.6	3.1	.9	1.4	1.2	1.4
La Crosse.....	4.1	4.5	2.6	3.1	3.9	8.1	1.3	2.4	2.0	5.0
Madison.....	3.5	4.4	2.7	3.2	4.1	4.7	1.6	3.3	1.9	.9
Milwaukee.....	3.0	3.7	2.2	2.7	3.4	4.0	1.4	2.6	1.1	.7
Racine.....	3.4	5.1	3.0	4.4	3.8	4.6	2.3	3.4	.7	.5
WYOMING ⁶	3.8	3.8	2.8	3.4	5.5	5.5	2.7	3.3	1.8	1.2

¹ Excludes canning and preserving.

² Area definition revised as follows:

Los Angeles-Long Beach.....Los Angeles County.

³ Not available.

⁴ Excludes agricultural chemicals and miscellaneous manufacturing.

⁵ Excludes canned fruits, vegetables, preserves, jams, and jellies.

⁶ Excludes canning and preserving, and sugar.

⁷ Excludes canning and preserving, and newspapers.

⁸ Excludes printing and publishing.

⁹ Subarea of New York Standard Metropolitan Statistical Area.

¹⁰ Excludes new-hire rate for transportation equipment.

¹¹ Excludes tobacco stemming and redrying.

¹² Excludes canning and preserving, sugar, and tobacco.

¹³ Excludes canning and preserving, printing and publishing.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

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Table A-1: Employment status of the noninstitutional population 14 years and over, by sex

Employment status	(In thousands)								
	Total			Male			Female		
	1964	1963	1962	1964	1963	1962	1964	1963	1962
Total	134,143	132,124	130,081	65,065	64,163	63,234	69,079	67,962	66,848
Total labor force	76,971	75,712	74,681	51,118	50,573	50,175	25,854	25,141	24,507
Civilian labor force	74,233	72,975	71,854	48,410	47,867	47,380	25,823	25,109	24,474
Employed	70,357	68,809	67,846	46,139	45,330	44,892	24,218	23,479	22,954
Agriculture	4,761	4,946	5,190	3,884	4,021	4,266	877	925	924
Nonagricultural industries	65,596	63,863	62,657	42,255	41,309	40,626	23,341	22,554	22,031
Unemployed	3,876	4,166	4,007	2,271	2,537	2,488	1,605	1,629	1,519
Looking for full-time work	3,201	3,536	(1)	1,933	2,222	(1)	1,268	1,313	(1)
Looking for part-time work	676	631	(1)	339	315	(1)	337	316	(1)
Not in labor force	57,172	56,412	55,400	13,947	13,590	13,059	43,225	42,822	42,341

1/ Not available.

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

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	1964	1963	1962	1964	1963	1962	1964	1963	1962
Total	3,876	4,166	4,007	5.2	5.7	5.6	100.0	100.0	100.0
Male	2,271	2,537	2,488	4.7	5.3	5.3	58.6	60.9	62.1
14 to 19 years	553	566	472	14.5	15.5	13.3	14.3	13.6	11.8
14 and 15 years	66	65	65	9.0	8.8	8.3	1.7	1.6	1.6
16 to 19 years	487	500	407	15.8	17.2	14.7	12.6	12.0	10.2
20 to 24 years	384	396	381	8.1	8.8	8.9	9.9	9.5	9.5
25 to 34 years	345	444	446	3.5	4.5	4.5	8.9	10.7	11.1
35 to 44 years	323	386	405	2.9	3.5	3.6	8.3	9.3	10.1
45 to 54 years	319	358	381	3.2	3.6	3.9	8.2	8.6	9.5
55 to 64 years	262	289	300	3.9	4.3	4.6	6.8	6.9	7.5
65 years and over	85	97	103	4.0	4.5	4.6	2.2	2.3	2.6
Female	1,605	1,629	1,519	6.2	6.5	6.2	41.4	39.1	37.9
14 to 19 years	409	413	344	15.0	15.7	13.2	10.6	9.9	8.6
14 and 15 years	24	31	31	5.9	7.6	6.7	.6	.7	.8
16 to 19 years	386	383	313	16.7	17.2	14.6	10.0	9.2	7.8
20 to 24 years	276	262	255	8.6	8.9	9.1	7.1	6.3	6.4
25 to 34 years	262	286	267	6.3	6.9	6.5	6.8	6.9	6.7
35 to 44 years	281	287	283	5.0	5.1	5.2	7.2	6.9	7.1
45 to 54 years	223	231	223	3.9	4.2	4.1	5.8	5.5	5.6
55 to 64 years	122	120	111	3.5	3.6	3.5	3.1	2.9	2.8
65 years and over	33	29	37	3.4	3.2	4.1	.9	.7	.9

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

Industry	Unemployment rate			Percent distribution		
	1964	1963	1962	1964	1963	1962
Total	5.2	5.7	5.6	100.0	100.0	100.0
Experienced wage and salary workers	5.0	5.5	5.5	81.4	82.5	83.9
Agriculture	9.3	8.9	7.3	4.2	3.9	3.3
Nonagricultural industries	4.8	5.4	5.5	77.2	78.5	80.6
Mining, forestry, fisheries	7.6	7.5	8.6	1.3	1.2	1.4
Construction	9.9	11.9	12.0	10.5	11.4	12.1
Manufacturing	4.9	5.7	5.8	24.4	25.6	26.2
Durable goods	4.7	5.4	5.7	12.9	13.8	14.4
Nondurable goods	5.3	6.0	5.9	11.5	11.8	11.8
Transportation and public utilities	3.3	3.9	3.9	3.9	4.3	4.4
Wholesale and retail trade	5.7	6.2	6.3	16.9	16.7	17.1
Finance, insurance, and real estate	2.5	2.7	3.1	2.0	1.9	2.1
Service industries	4.1	4.4	4.3	16.0	15.2	15.3
Public administration	2.3	2.5	2.2	2.2	2.2	1.9
Self-employed and unpaid family workers	1.0	1.1	1.0	2.7	2.7	2.7
No previous work experience	-	-	-	16.0	14.8	13.4
14 to 19 years	-	-	-	12.5	11.7	10.4
20 years and over	-	-	-	3.4	3.1	3.1

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

Occupation	Unemployment rate			Percent distribution		
	1964	1963	1962	1964	1963	1962
Total	5.2	5.7	5.6	100.0	100.0	100.0
White-collar workers	2.6	2.8	2.8	21.2	21.2	21.3
Professional and technical	1.7	1.8	1.7	3.9	3.7	3.5
Managers, officials, and proprietors	1.4	1.5	1.5	2.7	2.6	2.8
Clerical workers	3.7	4.0	3.9	10.6	10.4	10.4
Sales workers	3.4	4.2	4.1	4.0	4.5	4.6
Blue-collar workers	6.3	7.2	7.4	44.4	46.8	48.4
Craftsmen and foremen	4.2	4.8	5.1	10.1	10.9	11.5
Operatives	6.5	7.4	7.5	23.3	24.1	24.4
Nonfarm laborers	10.6	12.1	12.4	11.0	11.8	12.5
Service workers	5.8	6.0	6.0	14.7	13.8	14.1
Private household workers	4.9	5.2	4.9	3.1	3.0	3.0
Other service workers	6.1	6.2	6.4	11.6	10.8	11.1
Farm workers	3.1	3.0	2.2	3.7	3.4	2.8
Farmers and farm managers .....	.5	.5	.3	.3	.3	.2
Farm laborers and foremen	5.8	5.5	4.3	3.4	3.1	2.6
No previous work experience	-	-	-	16.0	14.8	13.4

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

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	1964	1963	1962	1964	1963	1962	1964	1963	1962
COLOR									
Total	3,876	4,166	4,007	5.2	5.7	5.6	100.0	100.0	100.0
White, total	3,064	3,281	3,129	4.6	5.1	4.9	79.1	78.8	78.1
Male	1,829	2,028	1,969	4.2	4.7	4.6	47.2	48.7	49.1
Female	1,235	1,253	1,160	5.5	5.8	5.5	31.9	30.1	28.9
Nonwhite, total	812	885	879	9.8	10.9	11.0	20.9	21.2	21.9
Male	443	509	519	9.1	10.6	11.0	11.4	12.2	12.9
Female	369	376	360	10.8	11.3	11.1	9.5	9.0	9.0
MARITAL STATUS									
Total	3,876	4,166	4,007	5.2	5.7	5.6	100.0	100.0	100.0
Male	2,271	2,537	2,488	4.7	5.3	5.3	58.6	60.9	62.1
Married, wife present	1,039	1,235	1,300	2.8	3.4	3.6	26.8	29.6	32.4
Single	1,006	1,058	940	11.5	12.4	11.2	26.0	25.4	23.5
14 to 19 years	538	552	452	14.9	15.9	13.5	13.9	13.3	11.3
20 years and over	469	506	489	9.1	10.0	9.7	12.1	12.1	12.2
Other marital status	226	243	248	8.9	9.6	9.9	5.8	5.8	6.2
Female	1,605	1,629	1,519	6.2	6.5	6.2	41.4	39.1	37.9
Married, husband present	727	743	734	5.1	5.4	5.4	18.8	17.8	18.3
Single	538	534	459	8.7	8.9	7.9	13.9	12.8	11.5
14 to 19 years	356	350	289	14.8	15.2	12.7	9.2	8.4	7.2
20 years and over	181	184	170	4.8	5.0	4.8	4.7	4.4	4.2
Other marital status	340	353	326	6.4	6.7	6.4	8.8	8.5	8.1
HOUSEHOLD RELATIONSHIP									
Total	3,876	4,166	4,007	5.2	5.7	5.6	100.0	100.0	100.0
Household head	1,462	1,645	(1)	3.2	3.7	(1)	37.7	39.5	(1)
Living with relatives	1,186	1,382	(1)	3.0	3.5	(1)	30.6	33.2	(1)
Not living with relatives	277	263	(1)	5.4	5.4	(1)	7.1	6.3	(1)
Wife of head	699	716	(1)	5.0	5.3	(1)	18.0	17.2	(1)
Other relative of head	1,623	1,699	(1)	11.8	12.7	(1)	41.9	40.8	(1)
Non-relative of head	92	105	(1)	6.4	6.7	(1)	2.4	2.5	(1)

1/ Not available.

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

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	1964	1963	1962	1964	1963	1962		1964	1963	1962	1964	1963	1962
Total	3,876	4,166	4,007	100.0	100.0	100.0	Total	3,876	4,166	4,007	100.0	100.0	100.0
Less than 5 weeks	1,787	1,847	1,754	46.1	44.3	43.8	Persons on temporary layoff	109	116	121	2.8	2.8	3.0
5 to 14 weeks	1,116	1,231	1,135	28.8	29.5	28.3							
5 and 6 weeks	314	358	334	8.1	8.6	8.3							
7 to 10 weeks	483	519	478	12.5	12.5	11.9							
11 to 14 weeks	319	354	323	8.2	8.5	8.1	Persons scheduled to begin new jobs within 30 days.	137	138	125	3.5	3.3	3.1
15 weeks and over	973	1,088	1,119	25.1	26.1	27.9							
15 to 26 weeks	490	535	534	12.6	12.8	13.3	All other unemployed ...	3,630	3,912	3,761	93.7	93.9	93.9
27 weeks and over	482	553	585	12.4	13.3	14.6							
Average (mean) duration ..	13.3	14.0	14.7	-	-	-							

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

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	1964	1963	1964	1963	1964	1963	1964	1963	
INDUSTRY									
Total	25.1	26.1	100.0	100.0	12.4	13.3	100.0	100.0	100.0
Experienced wage and salary workers	26.0	26.9	84.3	84.9	12.8	13.5	83.8	84.2	85.5
Agriculture	17.3	17.2	2.9	2.6	7.4	5.5	2.5	1.6	2.3
Nonagricultural industries	26.5	27.4	81.4	82.3	13.1	13.9	81.3	82.6	83.2
Mining, forestry, fisheries	(1)	(1)	2.3	1.5	(1)	(1)	3.5	1.8	.9
Construction	22.0	24.6	9.2	10.8	9.1	10.7	7.7	9.2	5.5
Manufacturing	29.6	30.5	28.6	29.9	15.0	14.7	29.5	28.4	25.7
Durable goods	31.9	33.7	16.5	17.8	16.8	15.8	17.5	16.5	14.5
Nondurable goods	26.6	26.7	12.1	12.1	13.1	13.5	12.1	12.0	11.2
Transportation and public utilities	28.3	30.6	4.4	5.1	15.8	18.3	5.0	6.0	6.2
Wholesale and retail trade	24.7	24.4	16.7	15.6	11.5	12.5	15.6	15.8	15.5
Finance, insurance, and real estate, and service industries ..	24.0	24.6	17.2	16.1	11.9	13.8	17.3	17.8	24.3
Public administration	34.5	40.2	3.1	3.4	14.9	21.7	2.7	3.6	5.1
Self-employed and unpaid family workers	28.2	28.1	3.0	2.9	14.6	13.2	3.1	2.7	13.7
No previous work experience	20.0	21.4	12.8	12.1	10.2	11.7	13.1	13.0	.8
OCCUPATION									
Total	25.1	26.1	100.0	100.0	12.4	13.3	100.0	100.0	100.0
White-collar workers	27.5	25.8	23.3	20.9	13.3	13.0	22.7	20.8	43.0
Professional and technical	24.5	23.1	3.8	3.3	10.6	12.2	3.3	3.4	11.7
Managers, officials, and proprietors	32.7	32.4	3.5	3.2	18.3	17.6	4.0	3.4	10.2
Clerical workers	29.0	26.6	12.3	10.6	13.2	12.7	11.2	9.9	14.9
Sales workers	23.1	22.2	3.7	3.9	12.8	11.6	4.2	4.0	6.2
Blue-collar workers	26.4	28.6	46.8	51.5	13.0	14.1	46.6	49.7	36.7
Craftsmen and foremen	26.4	27.3	10.6	11.4	12.3	13.0	10.0	10.7	12.6
Operatives	26.4	28.8	24.6	26.5	13.5	14.1	25.4	25.7	18.6
Nonfarm laborers	26.2	29.3	11.5	13.2	12.6	15.1	11.2	13.4	5.5
Service workers	24.7	25.4	14.5	13.4	12.8	13.9	15.2	14.5	13.2
Private household workers	20.0	22.0	2.5	2.6	9.2	11.0	2.3	2.5	3.3
Other service workers	25.9	26.3	12.0	10.8	13.7	14.7	12.9	11.9	9.9
Farm workers	18.3	18.4	2.7	2.4	8.5	7.8	2.5	2.0	6.2
Farmers and farm managers	(1)	(1)	.4	.4	(1)	(1)	.4	.5	3.1
Farm laborers and foremen	16.8	16.9	2.3	2.0	7.6	6.2	2.1	1.4	3.0
No previous work experience	20.0	21.4	12.8	12.1	10.2	11.7	13.1	13.0	.8

¹Percent not shown where base is less than 50,000.

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

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	1964	1963	1964	1963	1964	1963	1964	1963	
AGE									
Total	25.1	26.1	100.0	100.0	12.4	13.3	100.0	100.0	100.0
Male	26.7	28.2	62.3	65.7	13.8	15.1	64.8	69.1	65.2
14 to 19 years	17.2	18.7	9.8	9.7	7.8	8.8	8.8	9.0	5.1
20 to 24 years	19.3	22.2	7.6	8.1	8.1	10.9	6.4	7.8	6.4
25 to 44 years	26.0	27.8	17.9	21.2	11.7	13.6	16.0	20.4	28.3
45 years and over	39.5	39.1	27.1	26.7	24.5	23.8	33.5	31.9	25.4
Female	22.7	22.9	37.7	34.3	10.5	10.4	35.2	30.9	34.8
14 to 19 years	14.4	14.8	6.1	5.6	5.9	5.8	4.9	4.3	3.7
20 to 24 years	20.7	17.9	5.9	4.3	9.8	8.4	5.6	4.0	4.3
25 to 44 years	24.9	25.0	13.9	13.2	10.9	11.0	12.1	11.4	13.2
45 years and over	30.6	31.9	11.8	11.1	16.2	16.4	12.6	11.2	13.6
COLOR									
Total	25.1	26.1	100.0	100.0	12.4	13.3	100.0	100.0	100.0
White, total	24.4	24.5	77.1	74.0	11.8	12.1	74.7	71.8	88.8
Male	26.1	26.5	49.2	49.4	13.2	13.9	50.2	50.8	58.7
Female	21.9	21.4	27.9	24.6	9.6	9.3	24.5	21.0	30.2
Nonwhite, total	27.6	32.0	22.9	26.0	14.9	17.6	25.3	28.2	11.2
Male	29.1	35.0	13.3	16.4	16.0	20.0	14.7	18.4	6.6
Female	25.5	27.9	9.7	9.7	13.8	14.4	10.6	9.8	4.6
MARITAL STATUS									
Total	25.1	26.1	100.0	100.0	12.4	13.3	100.0	100.0	100.0
Male	26.7	28.2	62.3	65.7	13.8	15.1	64.8	69.1	65.2
Married, wife present	29.3	29.9	31.3	33.9	14.7	15.4	31.7	34.4	50.0
Single	21.5	24.3	22.2	23.6	10.4	12.8	21.6	24.4	11.8
14 to 19 years	17.3	18.8	9.6	9.6	7.8	8.9	8.7	8.9	4.9
20 years and over	26.2	30.2	12.7	14.0	13.2	17.0	12.9	15.6	6.9
Other marital status	38.5	36.6	9.0	8.2	24.3	23.5	11.4	10.3	3.4
Female	22.7	22.9	37.7	34.3	10.5	10.4	35.2	30.9	34.8
Married, husband present	23.5	23.1	17.6	15.8	10.0	9.4	15.1	13.0	19.3
Single	19.3	18.5	10.7	9.2	8.9	8.6	10.2	8.5	8.4
14 to 19 years	14.6	15.1	5.3	4.9	5.9	6.0	4.4	3.8	3.2
20 years and over	28.7	25.5	5.3	4.3	15.5	14.1	5.8	4.7	5.1
Other marital status	26.5	29.0	9.3	9.4	14.1	14.8	10.0	9.4	7.1

Table A-9: 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		
	1964	1963	1962	1964	1963	1962	1964	1963	1962
Total	3,201	3,536	(1)	676	631	(1)	17.4	15.1	(1)
Male	1,933	2,222	(1)	339	315	(1)	14.9	12.4	(1)
14 to 19 years	323	361	(1)	230	202	(1)	41.6	35.9	(1)
Major activity:									
Going to school	52	51	(1)	171	150	(1)	76.7	74.6	(1)
All other	271	312	(1)	59	54	(1)	17.9	14.7	(1)
20 to 24 years	350	365	(1)	34	31	(1)	8.9	7.8	(1)
25 to 54 years	961	1,163	(1)	25	28	(1)	2.5	2.4	(1)
55 years and over	298	334	(1)	49	52	(1)	14.1	13.5	(1)
Female	1,268	1,313	(1)	337	316	(1)	21.0	19.4	(1)
14 to 19 years	273	285	(1)	137	130	(1)	33.4	31.3	(1)
Major activity:									
Going to school	41	42	(1)	91	86	(1)	68.9	67.2	(1)
All other	231	243	(1)	45	45	(1)	16.3	15.6	(1)
20 to 24 years	241	228	(1)	35	34	(1)	12.7	13.0	(1)
25 to 54 years	636	683	(1)	129	121	(1)	16.9	15.0	(1)
55 years and over	118	117	(1)	35	31	(1)	22.9	20.9	(1)

1/ Not available.

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

Age and sex	Thousands of persons			Labor force participation rate		
	1964	1963	1962	1964	1963	1962
	Total	76,971	75,712	74,681	57.4	57.3	57.4
Male	51,118	50,573	50,175	78.6	78.8	79.3
14 to 19 years	4,307	4,142	4,032	43.6	43.5	43.6
14 and 15 years . . .	731	738	780	20.8	20.9	21.6
16 and 17 years . . .	1,549	1,372	1,225	43.6	42.7	43.5
18 and 19 years . . .	2,026	2,034	2,027	72.0	73.1	71.9
20 to 24 years	5,704	5,471	5,272	88.2	88.3	89.1
25 to 34 years	10,636	10,635	10,720	97.5	97.3	97.4
35 to 44 years	11,559	11,589	11,542	97.4	97.6	97.7
45 to 54 years	10,043	9,923	9,804	95.8	95.8	95.6
55 to 64 years	6,745	6,679	6,565	85.6	86.2	86.2
55 to 59 years	3,914	3,865	3,796	91.1	91.3	91.1
60 to 64 years	2,831	2,814	2,769	79.1	80.1	80.3
65 years and over . .	2,123	2,135	2,241	28.0	28.4	30.3
Female	25,854	25,141	24,507	37.4	37.0	36.7
14 to 19 years	2,732	2,643	2,612	28.3	28.4	29.0
14 and 15 years . . .	411	405	460	12.0	11.8	13.2
16 and 17 years . . .	950	850	741	27.4	27.1	27.1
18 and 19 years . . .	1,371	1,388	1,411	49.3	50.6	50.9
20 to 24 years	3,220	2,970	2,814	49.5	47.6	47.4
25 to 34 years	4,187	4,181	4,111	37.3	37.2	36.4
35 to 44 years	5,618	5,604	5,479	45.0	44.9	44.1
45 to 54 years	5,682	5,505	5,383	51.4	50.6	50.0
55 to 64 years	3,447	3,332	3,198	40.2	39.7	38.7
55 to 59 years	2,132	2,054	1,977	46.4	45.6	44.6
60 to 64 years	1,315	1,278	1,221	33.1	32.9	31.9
65 years and over . .	966	905	911	10.1	9.6	9.9

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

Age and sex	(In thousands)					
	Male			Female		
	1964	1963	1962	1964	1963	1962
All industries	46,139	45,330	44,892	24,218	23,479	22,954
14 to 19 years	3,253	3,079	3,077	2,316	2,223	2,262
20 to 24 years	4,370	4,118	3,898	2,934	2,697	2,548
25 to 34 years	9,531	9,431	9,475	3,918	3,888	3,836
35 to 44 years	10,832	10,801	10,711	5,335	5,313	5,190
45 to 54 years	9,637	9,479	9,333	5,457	5,272	5,158
55 to 64 years	6,477	6,385	6,260	3,326	3,211	3,086
65 years and over . .	2,039	2,039	2,137	934	877	875
Nonagricultural industries	42,255	41,309	40,626	23,341	22,554	22,031
14 to 19 years	2,672	2,486	2,467	2,195	2,096	2,143
20 to 24 years	4,084	3,834	3,605	2,883	2,638	2,498
25 to 34 years	9,058	8,917	8,915	3,786	3,746	3,694
35 to 44 years	10,181	10,107	9,980	5,155	5,128	4,998
45 to 54 years	8,906	8,732	8,490	5,258	5,073	4,947
55 to 64 years	5,788	5,666	5,532	3,195	3,055	2,931
65 years and over . .	1,566	1,568	1,637	869	817	820
Agriculture	3,884	4,021	4,266	877	925	924
14 to 19 years	581	593	610	121	127	119
20 to 24 years	286	284	293	50	59	50
25 to 34 years	471	513	560	131	141	142
35 to 44 years	650	694	731	179	186	193
45 to 54 years	732	747	843	200	198	211
55 to 64 years	690	719	727	131	155	156
65 years and over . .	474	470	501	66	59	56

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

Characteristics	(In thousands)								
	Total			Male			Female		
	1964	1963	1962	1964	1963	1962	1964	1963	1962
CLASS OF WORKER									
Total	70,357	68,809	67,846	46,139	45,330	44,892	24,218	23,479	22,954
Nonagricultural industries	65,596	63,863	62,657	42,255	41,309	40,626	23,341	22,554	22,031
Wage and salary workers	58,736	57,081	55,762	37,312	36,412	35,648	21,423	20,669	20,113
Private household workers	2,621	2,583	2,626	340	329	337	2,282	2,254	2,289
Government workers	9,363	9,093	8,703	5,581	5,456	5,281	3,782	3,636	3,422
Other wage and salary workers	46,752	45,405	44,433	31,391	30,627	30,030	15,359	14,779	14,402
Self-employed workers	6,266	6,195	6,271	4,866	4,816	4,887	1,400	1,379	1,385
Unpaid family workers	594	587	623	77	81	90	517	506	532
Agriculture	4,761	4,946	5,190	3,884	4,021	4,266	878	925	924
Wage and salary workers	1,582	1,676	1,666	1,322	1,375	1,395	260	300	271
Self-employed workers	2,366	2,437	2,619	2,229	2,301	2,483	137	136	136
Unpaid family workers	813	834	905	333	345	388	480	489	517
OCCUPATION									
Total	70,357	68,809	67,846	46,139	45,330	44,892	24,218	23,479	22,954
White-collar workers	31,125	30,182	29,901	17,701	17,261	17,241	13,421	12,920	12,659
Professional and technical	8,550	8,263	8,040	5,438	5,311	5,175	3,110	2,951	2,865
Managers, officials, and proprietors	7,452	7,293	7,408	6,342	6,180	6,276	1,109	1,113	1,132
Clerical workers	10,667	10,270	10,107	3,214	3,128	3,144	7,453	7,142	6,963
Sales workers	4,456	4,356	4,346	2,707	2,642	2,646	1,749	1,714	1,699
Blue-collar workers	25,534	24,982	24,278	21,546	21,151	20,588	3,990	3,831	3,690
Craftsmen and foremen	8,986	8,924	8,678	8,736	8,683	8,455	250	241	223
Operatives	12,924	12,507	12,041	9,276	9,011	8,664	3,649	3,496	3,377
Nonfarm laborers	3,624	3,551	3,559	3,534	3,457	3,469	91	94	90
Service workers	9,256	9,032	8,802	3,269	3,165	3,059	5,988	5,867	5,743
Private household workers	2,322	2,306	2,341	63	60	60	2,259	2,246	2,281
Other service workers	6,934	6,726	6,461	3,206	3,105	2,999	3,729	3,621	3,462
Farm workers	4,444	4,615	4,866	3,620	3,751	4,003	821	864	863
Farmers and farm managers	2,320	2,396	2,595	2,187	2,265	2,463	132	131	132
Farm laborers and foremen	2,124	2,219	2,271	1,433	1,486	1,540	689	733	731

Table A-13: Employed persons, by hours worked

Hours worked	(In thousands)								
	All industries			Nonagricultural industries			Agriculture		
	1964	1963	1962	1964	1963	1962	1964	1963	1962
Total	70,357	68,809	67,846	65,596	63,863	62,657	4,761	4,946	5,190
With a job but not at work	3,494	3,501	3,281	3,326	3,327	3,103	169	174	178
At work	66,863	65,308	64,565	62,270	60,536	59,553	4,592	4,772	5,012
1-34 hours	15,360	13,412	13,285	13,850	11,856	11,675	1,511	1,556	1,611
1-4 hours	982	920	947	918	855	879	64	64	68
5-14 hours	3,402	3,341	3,260	3,053	2,972	2,875	345	368	387
15-34 hours	10,977	9,151	9,079	9,877	8,028	7,922	1,101	1,124	1,157
35 hours or more	51,502	51,896	51,279	48,421	48,679	47,878	3,079	3,216	3,402
35-40 hours	29,817	30,138	29,600	29,127	29,422	28,853	689	715	746
41 hours and over	21,685	21,758	21,679	19,294	19,257	19,025	2,390	2,501	2,656
Average hours, total at work	40.0	40.4	40.5	39.7	40.1	40.1	45.1	45.0	45.4

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

Full- or part-time status	(In thousands)					
	All industries			Nonagricultural industries		
	1964	1963	1962	1964	1963	1962
Total	70,357	68,809	67,846	65,596	63,863	62,657
With a job but not at work	3,494	3,501	3,281	3,326	3,327	3,103
At work	66,863	65,308	64,565	62,270	60,536	59,553
On full-time schedules	56,252	54,941	54,377	52,871	51,439	50,619
35 hours or more	51,502	51,896	51,279	48,421	48,679	47,878
1-34 hours for noneconomic reasons	4,750	3,045	3,097	4,450	2,760	2,741
Bad weather	718	472	754	534	314	519
Industrial dispute	22	21	20	22	21	20
Vacation	333	290	288	320	279	277
Illness	757	765	737	727	722	695
Holiday	2,225	808	696	2,216	806	696
All other reasons	695	689	602	631	618	534
On part time for economic reasons	2,455	2,620	2,661	2,137	2,288	2,336
Usually work full time	1,148	1,227	1,181	986	1,069	1,049
Average hours	23.1	23.4	23.4	23.4	23.6	23.6
Usually work part time	1,307	1,393	1,480	1,151	1,219	1,287
Average hours	17.6	17.6	17.3	17.6	17.5	17.3
On part time for noneconomic reasons; usually work part time	8,155	7,746	7,527	7,262	6,808	6,597

Table A-15: 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					
	Number						Percent paid					
1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	
Total	3,494	3,501	3,281	3,321	3,327	3,103	2,948	2,928	2,735	55.6	55.2	56.4
Bad weather	108	106	160	70	75	117	45	45	80	(1)	(1)	10.0
Industrial dispute	51	41	33	51	41	33	51	41	33	-	-	-
Vacation	1,635	1,655	1,533	1,612	1,632	1,508	1,511	1,541	1,421	79.6	78.5	80.1
Illness	994	1,000	940	943	936	879	835	820	772	37.6	36.3	36.9
All other reasons	707	698	615	651	642	566	509	483	430	23.2	22.2	25.8

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

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

1964

(In thousands)

Age, sex, and color	Total labor force		Civilian labor force					Not in labor force					
	Number	Percent of population	Total	Employed			Unemployed		Total	Keeping house	In school	Unable to work	Other
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force					
Male	51,118	78.6	48,410	46,139	3,884	42,255	2,271	4.7	13,947	139	5,219	1,061	7,528
14 and 15 years	731	20.8	731	665	193	473	66	9.0	2,778	7	2,239	5	527
16 and 17 years	1,549	43.6	1,498	1,242	242	1,000	257	17.1	2,005	3	1,643	8	350
18 and 19 years	2,026	72.0	1,576	1,345	146	1,199	230	14.6	788	3	644	5	136
20 to 24 years	5,704	88.2	4,754	4,370	286	4,084	384	8.1	766	2	577	29	158
25 to 29 years	5,291	97.0	4,862	4,675	223	4,451	187	3.8	164	1	78	24	61
30 to 34 years	5,345	98.1	5,013	4,856	248	4,607	158	3.1	106	2	19	32	52
35 to 39 years	5,764	97.6	5,533	5,371	315	5,056	162	2.9	139	2	7	44	85
40 to 44 years	5,795	97.1	5,622	5,461	335	5,125	161	2.9	173	3	7	60	104
45 to 49 years	5,283	96.6	5,217	5,055	363	4,692	162	3.1	187	7	3	59	118
50 to 54 years	4,760	94.8	4,739	4,582	369	4,214	157	3.3	259	8	2	82	167
55 to 59 years	3,914	91.1	3,910	3,767	377	3,390	143	3.7	383	8	-	121	254
60 to 64 years	2,831	79.1	2,830	2,710	313	2,398	119	4.2	750	13	-	142	594
65 to 69 years	1,191	42.6	1,191	1,131	220	911	61	5.1	1,608	15	-	109	1,483
70 years and over	932	19.5	932	908	254	655	24	2.6	3,843	64	-	341	3,437
White	46,028	78.8	43,539	41,710	3,387	38,323	1,829	4.2	12,379	120	4,580	906	6,772
Nonwhite	5,090	76.4	4,871	4,429	497	3,932	443	9.1	1,568	18	639	155	755
Female	25,854	37.4	25,823	24,218	877	23,341	1,605	6.2	43,225	35,316	5,291	639	1,979
14 and 15 years	411	12.0	411	387	45	341	24	5.9	3,000	101	2,323	6	570
16 and 17 years	950	27.4	950	771	45	726	179	18.8	2,522	288	1,849	4	381
18 and 19 years	1,371	49.3	1,364	1,158	31	1,127	207	15.1	1,410	605	668	10	127
20 to 24 years	3,220	49.5	3,210	2,934	50	2,883	276	8.6	3,287	2,809	362	19	97
25 to 29 years	2,137	38.2	2,133	1,978	51	1,927	155	7.3	3,460	3,382	25	12	40
30 to 34 years	2,050	36.4	2,047	1,940	80	1,859	107	5.2	3,584	3,511	21	14	38
35 to 39 years	2,588	41.9	2,586	2,448	83	2,364	139	5.4	3,585	3,513	11	17	45
40 to 44 years	3,030	48.1	3,028	2,887	96	2,791	142	4.7	3,274	3,190	12	22	49
45 to 49 years	2,984	51.8	2,983	2,859	104	2,756	124	4.1	2,775	2,697	6	18	53
50 to 54 years	2,698	51.0	2,697	2,598	96	2,502	99	3.7	2,595	2,517	6	29	43
55 to 59 years	2,132	46.4	2,132	2,053	76	1,977	79	3.7	2,466	2,381	3	34	48
60 to 64 years	1,315	33.1	1,315	1,273	55	1,218	43	3.2	2,656	2,550	2	33	71
65 to 69 years	583	17.5	583	561	31	531	22	3.7	2,755	2,610	2	50	93
70 years and over	383	6.1	383	373	35	338	11	2.8	5,855	5,159	1	372	323
White	22,430	36.4	22,402	21,167	687	20,479	1,235	5.5	39,209	32,346	4,591	545	1,727
Nonwhite	3,423	46.0	3,421	3,052	190	2,861	369	10.8	4,016	2,970	700	94	252

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

1964

(Percent distribution)

Industry	Full- or part-time status					Hours of work				
	Total at work	On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over
			Economic reasons		Other reasons					
			Usually work full time	Usually work part time	Usually work part time					
Total ¹	100.0	85.3	1.6	1.9	11.2	100.0	22.2	49.7	14.3	13.8
Construction	100.0	89.4	4.4	2.7	3.6	100.0	23.4	52.0	13.3	11.4
Manufacturing	100.0	94.2	2.2	.7	3.0	100.0	14.0	58.9	15.7	11.5
Durable goods	100.0	96.9	1.4	.4	1.3	100.0	11.4	61.2	15.9	11.5
Nondurable goods	100.0	90.6	3.2	1.0	5.2	100.0	17.3	55.8	15.4	11.5
Transportation and public utilities	100.0	93.5	1.3	1.3	3.9	100.0	13.8	58.4	13.0	14.8
Wholesale and retail trade	100.0	78.4	1.1	2.5	18.1	100.0	26.2	37.0	18.4	18.5
Finance, insurance, and real estate	100.0	90.6	.5	.6	8.2	100.0	18.4	58.0	10.5	13.0
Service industries	100.0	71.9	1.1	3.6	23.4	100.0	34.0	40.1	12.3	13.6

¹Includes forestry and fisheries, mining and public administration, not shown separately.

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

1964
(Percent distribution)

Occupation	Full or part-time status						Hours of work					Average hours, total at work
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over	
				Economic reasons		Other reasons						
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time							
White-collar workers	29,469	100.0	87.1	.6	.8	11.5	100.0	20.1	46.8	13.0	20.1	40.9
Professional and technical	7,970	100.0	89.1	.4	.4	10.1	100.0	19.2	47.5	13.1	20.2	40.8
Managers, officials, and proprietors	7,085	100.0	94.9	.6	.4	4.0	100.0	10.0	31.4	17.2	41.3	48.7
Clerical workers	10,179	100.0	86.0	.6	.8	12.6	100.0	23.1	62.2	9.5	5.2	37.1
Sales workers	4,235	100.0	73.2	.7	1.9	24.3	100.0	31.3	34.2	14.1	20.5	37.4
Blue-collar workers	24,266	100.0	89.7	2.9	2.0	5.5	100.0	18.7	51.0	16.2	14.2	40.2
Craftsmen and foremen	8,559	100.0	94.4	2.0	1.0	2.4	100.0	13.7	51.7	18.4	16.0	41.7
Operatives	12,234	100.0	90.1	3.4	1.5	4.9	100.0	17.7	52.1	15.8	14.3	40.6
Nonfarm laborers	3,473	100.0	75.4	3.6	6.1	15.0	100.0	34.2	45.1	11.8	9.0	34.8
Service workers	8,843	100.0	64.2	1.4	5.2	29.1	100.0	39.4	34.5	12.9	13.1	34.3
Private household workers	2,256	100.0	35.1	1.3	11.4	52.3	100.0	67.5	16.9	7.2	8.5	24.0
Other service workers	6,587	100.0	74.4	1.4	3.1	21.2	100.0	29.9	40.7	14.9	14.6	37.8

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

1964

Occupation	Thousands			Percent distribution								
	Total	Male	Female	Total	Male	Female	White			Nonwhite		
							Total	Male	Female	Total	Male	Female
Total	70,357	46,139	24,218	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	31,125	17,701	13,421	44.2	38.4	55.4	47.3	40.8	60.1	18.7	15.8	22.9
Professional and technical	8,550	5,438	3,110	12.2	11.8	12.8	12.8	12.4	13.5	6.7	5.6	8.2
Medical and other health	1,405	570	834	2.0	1.2	3.4	2.1	1.3	3.7	1.2	.7	1.8
Teachers, except college	1,878	548	1,330	2.7	1.2	5.5	2.7	1.2	5.6	2.5	1.2	4.5
Other professional and technical	5,267	4,320	946	7.5	9.4	3.9	8.0	10.0	4.2	3.0	3.8	1.9
Managers, officials, and proprietors	7,452	6,342	1,109	10.6	13.7	4.6	11.5	14.9	5.0	2.6	3.3	1.5
Salaried workers	4,296	3,658	637	6.1	7.9	2.6	6.7	8.6	2.9	.9	1.2	.5
Self-employed workers in retail trade	1,474	1,167	307	2.1	2.5	1.3	2.2	2.7	1.3	.9	1.0	.8
Self-employed workers, except retail trade	1,682	1,517	165	2.4	3.3	.7	2.6	3.5	.7	.8	1.1	.3
Clerical workers	10,667	3,214	7,453	15.2	7.0	30.8	16.1	7.2	33.6	7.6	5.1	11.2
Stenographers, typists, and secretaries	2,708	57	2,651	3.8	.1	10.9	4.1	.1	12.0	1.5	.1	3.5
Other clerical workers	7,959	3,157	4,802	11.3	6.8	19.8	11.9	7.0	21.6	6.2	5.1	7.8
Sales workers	4,456	2,707	1,749	6.3	5.9	7.2	6.9	6.3	8.0	1.8	1.7	2.0
Retail trade	2,635	1,088	1,547	3.7	2.4	6.4	4.0	2.5	7.1	1.3	1.0	1.7
Other sales workers	1,821	1,619	202	2.6	3.5	.8	2.8	3.8	.9	.6	.8	.3
Blue-collar workers	25,534	21,546	3,990	36.3	46.7	16.5	35.8	45.5	16.7	40.4	57.8	15.1
Craftsmen, foremen	8,986	8,736	250	12.8	18.9	1.0	13.5	19.7	1.1	7.0	11.4	.6
Carpenters	820	818	2	1.2	1.8	(1)	1.2	1.8	(1)	.7	1.2	-
Construction craftsmen, except carpenters	1,793	1,782	11	2.5	3.9	(1)	2.6	3.9	.1	2.0	3.3	-
Mechanics and repairmen	2,226	2,208	18	3.2	4.8	.1	3.3	4.9	.1	2.0	3.3	-
Metal craftsmen, except mechanics	1,091	1,081	10	1.6	2.3	(1)	1.7	2.5	(1)	.6	1.0	(1)
Other craftsmen and kindred workers	1,831	1,710	121	2.6	3.7	.5	2.7	3.9	.5	1.4	2.0	.4
Foremen, not elsewhere classified	1,225	1,137	88	1.7	2.5	.4	1.9	2.7	.4	.4	.6	.2
Operatives	12,924	9,276	3,649	18.4	20.1	15.1	18.1	19.6	15.2	20.3	24.7	13.9
Drivers and deliverymen	2,511	2,466	45	3.6	5.3	.2	3.5	5.1	.2	4.5	7.6	.2
Other operatives	10,413	6,810	3,604	14.8	14.8	14.9	14.7	14.5	15.0	15.8	17.2	13.7
Durable goods manufacturing	3,966	3,015	952	5.6	6.5	3.9	5.7	6.5	4.2	4.9	6.9	2.1
Nondurable goods manufacturing	3,573	1,646	1,927	5.1	3.6	8.0	5.1	3.5	8.2	4.7	3.9	5.9
Other industries	2,874	2,149	725	4.1	4.7	3.0	3.8	4.5	2.6	6.1	6.4	5.7
Nonfarm laborers	3,624	3,534	91	5.2	7.7	.4	4.2	6.2	.3	13.0	21.6	.6
Construction	787	785	3	1.1	1.7	(1)	.9	1.3	(1)	3.1	5.3	-
Manufacturing	1,027	978	49	1.5	2.1	.2	1.2	1.7	.2	3.4	5.6	.2
Other industries	1,810	1,771	39	2.6	3.8	.2	2.1	3.1	.1	6.5	10.7	.3
Service workers	9,256	3,269	5,988	13.2	7.1	24.7	10.9	6.1	20.2	32.2	15.9	55.9
Private household workers	2,322	63	2,259	3.3	.1	9.3	2.1	.1	6.0	13.5	.4	32.6
Service workers, except private household	6,934	3,206	3,729	9.9	6.9	15.4	8.8	6.0	14.3	18.7	15.5	23.3
Protective service workers	891	846	45	1.3	1.8	.2	1.3	1.9	.2	.7	1.0	.2
Waiters, cooks, and bartenders	1,911	535	1,377	2.7	1.2	5.7	2.6	1.0	5.8	3.6	2.6	5.1
Other service workers	4,132	1,825	2,307	5.9	4.0	9.5	4.9	3.1	8.3	14.4	11.9	18.0
Farm workers	4,444	3,620	821	6.3	7.8	3.4	6.0	7.6	3.0	8.7	10.5	6.2
Farmers and farm managers	2,320	2,187	132	3.3	4.7	.5	3.5	4.9	.5	1.9	2.8	.6
Farm laborers and foremen	2,124	1,433	689	3.0	3.1	2.8	2.6	2.6	2.5	6.8	7.6	5.5
Paid workers	1,324	1,103	220	1.9	2.4	.9	1.4	1.9	.5	5.5	6.7	3.8
Unpaid family workers	800	330	469	1.1	.7	1.9	1.1	.7	2.0	1.2	.9	1.7

1/ Less than 0.05.

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

1964

Characteristics	(Percent distribution)										
	Full or part-time status						Hours of work				
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 hours and over	Average hours, total at work
				Economic reasons		Other reasons					
Thousands	Percent	Usually work full time	Usually work part time	Usually work part time	Total at work	1 to 34 hours	35 to 40 hours	41 hours and over	Average hours, total at work		
AGE AND SEX											
Total	62,270	100.0	84.9	1.6	1.8	11.7	100.0	22.2	46.7	30.9	39.7
Male	40,344	100.0	90.9	1.5	1.4	6.3	100.0	16.2	45.2	38.7	42.3
14 to 17 years	1,437	100.0	20.5	1.1	6.2	72.2	100.0	81.3	11.7	7.0	18.4
18 and 19 years	1,170	100.0	68.7	3.2	4.6	23.5	100.0	38.0	38.0	24.0	34.5
20 to 24 years	3,965	100.0	89.1	2.0	1.6	7.3	100.0	17.6	45.7	36.7	41.2
25 to 34 years	8,738	100.0	96.4	1.4	.8	1.4	100.0	10.7	46.7	42.6	44.2
35 to 44 years	9,753	100.0	97.1	1.4	.7	.9	100.0	10.1	46.2	43.8	44.8
45 to 64 years	13,850	100.0	95.4	1.4	1.2	2.0	100.0	12.2	48.8	39.0	43.6
65 years and over	1,430	100.0	65.8	1.1	2.3	30.7	100.0	39.6	34.1	26.2	35.0
Female	21,927	100.0	73.9	1.8	2.7	21.6	100.0	33.6	49.6	16.8	34.8
14 to 17 years	1,048	100.0	16.7	.6	5.2	77.5	100.0	84.7	10.9	4.4	15.4
18 and 19 years	1,101	100.0	71.0	1.9	4.4	22.7	100.0	37.0	51.8	11.2	32.8
20 to 24 years	2,744	100.0	84.4	1.7	2.2	11.7	100.0	24.0	61.4	14.6	36.5
25 to 34 years	3,545	100.0	77.9	1.8	2.1	18.2	100.0	30.3	53.7	16.0	35.4
35 to 44 years	4,823	100.0	75.5	2.0	2.4	20.1	100.0	32.4	50.4	17.2	35.5
45 to 64 years	7,860	100.0	77.6	1.8	2.7	17.8	100.0	29.9	50.1	19.9	36.7
65 years and over	806	100.0	53.0	.9	3.7	42.5	100.0	51.5	28.1	20.5	31.3
MARITAL STATUS AND SEX											
Male: Single	6,498	100.0	69.2	2.0	3.9	25.1	100.0	37.0	40.3	22.9	34.2
Married, wife present	31,873	100.0	95.5	1.4	.7	2.4	100.0	11.6	46.2	42.2	44.1
Other	1,973	100.0	88.1	1.9	3.5	6.5	100.0	19.2	46.7	34.1	41.3
Female: Single	5,247	100.0	70.9	1.1	3.0	24.9	100.0	36.1	49.9	13.9	32.6
Married, husband present	12,149	100.0	73.3	2.0	2.1	22.6	100.0	34.4	49.3	16.3	35.0
Other	4,530	100.0	78.9	1.8	4.1	15.2	100.0	28.4	49.8	21.8	36.9
COLOR AND SEX											
White	55,823	100.0	85.6	1.5	1.3	11.6	100.0	21.5	46.6	31.9	40.0
Male	36,579	100.0	91.3	1.3	1.0	6.3	100.0	15.4	44.7	39.8	42.6
Female	19,244	100.0	74.6	1.7	1.9	21.8	100.0	33.0	50.2	16.8	34.9
Nonwhite	6,447	100.0	79.2	2.7	6.2	11.9	100.0	28.3	48.3	23.4	37.2
Male	3,765	100.0	86.8	2.9	4.6	5.6	100.0	21.4	50.7	27.8	39.6
Female	2,682	100.0	68.6	2.4	8.4	20.6	100.0	37.8	45.0	17.2	33.9

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

1964

Hours of work	(Percent distribution)											
	Total	Agriculture				Total	Nonagricultural industries					
		Total	Wage and salary workers	Self-employed workers	Unpaid family workers		Total	Wage and salary workers			Self-employed workers	Unpaid family workers
							Private households	Government	Other			
Total at work . . . thousands	66,863	4,592	1,538	2,241	813	62,270	55,789	2,551	8,690	44,548	5,889	593
Percent . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 to 34 hours	23.0	32.9	36.2	24.3	50.4	22.2	22.1	68.0	20.2	20.0	21.1	41.2
1 to 14 hours	6.6	8.9	13.0	9.4	-	6.4	6.2	42.3	3.9	4.6	8.7	.1
15 to 21 hours	5.2	11.1	9.6	6.3	27.1	4.7	4.5	11.2	4.0	4.3	5.0	20.7
22 to 29 hours	4.4	7.6	7.7	4.6	15.4	4.2	4.2	8.6	3.6	4.1	3.2	11.5
30 to 34 hours	6.8	5.3	5.9	4.0	7.9	6.9	7.2	5.9	8.7	7.0	4.2	8.9
35 to 40 hours	44.6	15.0	16.7	12.9	17.8	46.7	49.7	16.4	55.3	50.6	21.5	21.9
35 to 39 hours	6.5	6.7	5.8	5.7	11.3	6.4	6.6	5.0	5.8	6.9	4.5	8.5
40 hours	38.1	8.3	10.9	7.2	6.5	40.3	43.1	11.4	49.5	43.7	17.0	13.4
41 hours and over	32.5	52.2	47.1	62.7	31.8	30.9	28.1	15.6	24.5	29.4	57.4	37.0
41 to 47 hours	7.9	5.4	7.2	4.0	5.3	8.0	8.1	4.2	7.2	8.5	7.0	5.8
48 hours	6.1	4.4	5.2	4.2	3.4	6.2	6.2	2.8	4.0	6.8	6.5	5.0
49 hours and over	18.5	42.4	34.7	54.5	23.1	16.7	13.8	8.6	13.3	14.1	43.9	26.2
49 to 54 hours	6.3	7.5	8.8	7.3	5.4	6.2	5.7	2.9	5.2	5.9	10.9	6.9
55 to 59 hours	2.7	4.0	4.3	4.3	2.7	2.6	2.5	1.5	2.4	2.5	4.2	3.1
60 to 69 hours	5.1	12.7	11.3	15.8	6.5	4.5	3.5	1.8	3.3	3.6	13.9	6.4
70 hours and over	4.4	18.2	10.3	27.1	8.5	3.4	2.1	2.4	2.4	2.1	14.9	9.8
Average hours, total at work	40.0	45.1	40.8	50.9	37.2	39.7	38.9	23.6	39.6	39.7	46.6	39.8

**ESTABLISHMENT DATA
ANNUAL AVERAGES**
Table B-1: Employees on nonagricultural payrolls, by industry

Industry	(In thousands)					
	1964 ¹	1963	1962	1961	Change to 1964	
					1963	1962
TOTAL	58,178	56,643	55,515	53,989	1,535	2,663
MINING	636	635	650	672	1	-14
CONTRACT CONSTRUCTION	3,105	2,983	2,902	2,816	122	203
MANUFACTURING	17,301	17,005	16,853	16,326	296	448
DURABLE GOODS	9,848	9,625	9,481	9,070	223	367
Ordnance and accessories	257.9	274.1	268.8	234.7	-16.2	-10.9
Lumber and wood products	596.8	586.6	589.3	582.9	10.2	7.5
Furniture and fixtures	401.9	388.9	385.1	367.5	13.0	16.8
Stone, clay, and glass products	615.7	601.6	592.3	582.0	14.1	23.4
Primary metal industries	1,227.2	1,171.7	1,165.6	1,142.7	55.5	61.6
Fabricated metal products	1,195.9	1,152.6	1,127.7	1,084.5	43.3	68.2
Machinery	1,611.2	1,531.3	1,493.2	1,418.6	79.9	118.0
Electrical equipment	1,548.9	1,556.6	1,568.3	1,473.3	-7.7	-19.4
Transportation equipment	1,623.3	1,609.3	1,542.6	1,458.0	14.0	80.7
Instruments and related products	368.9	364.7	358.7	347.4	4.2	10.2
Miscellaneous manufacturing	400.1	387.4	389.6	378.2	12.7	10.5
NONDURABLE GOODS	7,454	7,380	7,372	7,256	74	82
Food and kindred products	1,728.9	1,743.7	1,762.1	1,775.2	-14.8	-33.2
Tobacco manufactures	87.7	87.9	90.5	90.7	-.2	-2.8
Textile mill products	897.0	888.8	902.3	893.4	8.2	-5.3
Apparel and related products	1,309.8	1,284.5	1,263.7	1,214.5	25.3	46.1
Paper and allied products	630.4	620.3	614.4	601.3	10.1	16.0
Printing and publishing	951.9	931.1	926.4	917.3	20.8	25.5
Chemicals and allied products	877.2	865.2	848.5	828.2	12.0	28.7
Petroleum and related products	186.6	189.8	195.3	201.9	-3.2	-8.7
Rubber and plastic products	430.4	417.7	408.4	375.3	12.7	22.0
Leather and leather products	353.7	350.8	360.7	358.2	2.9	-7.0
TRANSPORTATION AND PUBLIC UTILITIES	3,974	3,914	3,906	3,903	60	68
WHOLESALE AND RETAIL TRADE	12,184	11,803	11,566	11,337	381	618
WHOLESALE TRADE	3,219	3,119	3,056	2,993	100	163
RETAIL TRADE	8,965	8,685	8,511	8,344	280	454
FINANCE, INSURANCE, AND REAL ESTATE	2,945	2,873	2,800	2,731	72	145
SERVICE AND MISCELLANEOUS	8,532	8,230	7,947	7,610	302	585
GOVERNMENT	9,501	9,199	8,890	8,594	302	611
FEDERAL	2,348	2,358	2,340	2,279	-10	8
STATE AND LOCAL	7,153	6,841	6,550	6,315	312	603

¹Preliminary.

**ESTABLISHMENT DATA
ANNUAL AVERGES**

Table B-2: Production workers on manufacturing payrolls, by industry

(In thousands)

Industry	1964 ¹	1963	1962	1961	Change to 1964 from	
					1963	1962
MANUFACTURING	12,808	12,558	12,488	12,083	250	320
DURABLE GOODS	7,239	7,030	6,936	6,618	209	303
Ordnance and accessories.....	106.8	115.8	118.2	106.8	-9.0	-11.4
Lumber and wood products.....	533.6	524.6	526.7	518.4	9.0	6.9
Furniture and fixtures.....	334.4	323.3	319.6	303.9	11.1	14.8
Stone, clay, and glass products.....	496.3	484.5	477.7	469.4	11.8	18.6
Primary metal industries.....	998.8	946.9	937.3	914.6	51.9	61.5
Fabricated metal products.....	919.7	883.7	863.7	826.0	36.0	56.0
Machinery.....	1,120.4	1,058.7	1,037.8	976.4	61.7	82.6
Electrical equipment.....	1,040.0	1,036.6	1,051.5	979.4	3.4	-11.5
Transportation equipment.....	1,134.7	1,112.8	1,061.1	996.5	21.9	73.6
Instruments and related products.....	233.5	232.2	229.1	223.1	1.3	4.4
Miscellaneous manufacturing.....	320.7	311.0	313.2	303.5	9.7	7.5
NONDURABLE GOODS	5,569	5,528	5,552	5,465	41	17
Food and kindred products.....	1,143.1	1,160.8	1,177.8	1,191.1	-17.7	-34.7
Tobacco manufactures.....	76.1	76.0	78.7	79.6	.1	-2.6
Textile mill products.....	802.3	796.4	812.1	805.0	5.9	-9.8
Apparel and related products.....	1,163.9	1,139.4	1,122.9	1,079.6	24.5	41.0
Paper and allied products.....	492.7	487.7	486.0	478.0	5.0	6.7
Printing and publishing.....	603.0	590.7	594.5	591.7	12.3	8.5
Chemicals and allied products.....	528.4	525.4	519.3	505.0	3.0	9.1
Petroleum and related products.....	115.9	120.5	125.5	129.9	-4.6	-9.6
Rubber and plastic products.....	332.4	322.1	316.5	288.3	10.3	15.9
Leather and leather products.....	311.2	309.2	318.9	316.4	2.0	-7.7

¹Preliminary.

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

Industry	Average weekly hours				Average hourly earnings				Average weekly earnings			
	1964 ¹	1963	1962	1961	1964 ¹	1963	1962	1961	1964 ¹	1963	1962	1961
MANUFACTURING	40.7	40.5	40.4	39.8	\$2.54	\$2.46	\$2.39	\$2.32	\$103.38	\$99.63	\$96.56	\$92.34
Overtime hours.....	3.1	2.8	2.8	2.4	-	-	-	-	-	-	-	-
DURABLE GOODS	41.4	41.1	40.9	40.3	2.71	2.64	2.56	2.49	112.19	108.50	104.70	100.35
Overtime hours.....	3.3	2.9	2.8	2.3	-	-	-	-	-	-	-	-
NONDURABLE GOODS	39.7	39.6	39.6	39.3	2.29	2.22	2.17	2.11	90.91	87.91	85.93	82.92
Overtime hours.....	2.9	2.7	2.7	2.5	-	-	-	-	-	-	-	-
<i>Durable goods</i>												
Ordnance and accessories.....	40.4	41.0	41.1	40.9	3.01	2.91	2.83	2.77	121.60	119.31	116.31	113.29
Lumber and wood products.....	40.0	40.1	39.8	39.4	2.14	2.04	1.99	1.95	85.60	81.80	79.20	76.83
Furniture and fixtures.....	41.1	40.9	40.7	40.0	2.05	2.00	1.95	1.91	84.26	81.80	79.37	76.40
Stone, clay, and glass products.....	41.5	41.3	40.9	40.7	2.55	2.48	2.41	2.34	105.83	102.42	98.57	95.24
Primary metal industries.....	41.7	41.0	40.2	39.6	3.11	3.04	2.98	2.90	129.69	124.64	119.80	114.84
Fabricated metal products.....	41.7	41.4	41.1	40.5	2.67	2.61	2.55	2.49	111.34	108.05	104.81	100.85
Machinery.....	42.3	41.8	41.7	41.0	2.87	2.78	2.71	2.62	121.40	116.20	113.01	107.42
Electrical equipment.....	40.5	40.3	40.6	40.2	2.52	2.46	2.40	2.35	102.06	99.14	97.44	94.47
Transportation equipment.....	42.0	42.1	42.0	40.5	3.10	3.01	2.91	2.80	130.20	126.72	122.22	113.40
Instruments and related products.....	40.9	40.8	40.9	40.7	2.54	2.49	2.44	2.38	103.89	101.59	99.80	96.87
Miscellaneous manufacturing.....	39.6	39.6	39.7	39.5	2.09	2.03	1.98	1.92	82.76	80.39	78.61	75.84
<i>Nondurable goods</i>												
Food and kindred products.....	40.9	40.9	41.0	40.9	2.39	2.31	2.24	2.17	97.75	94.48	91.84	88.75
Tobacco manufactures.....	38.7	38.6	38.6	39.0	1.97	1.92	1.85	1.78	76.24	74.11	71.41	69.42
Textile mill products.....	41.0	40.6	40.6	39.9	1.78	1.71	1.68	1.63	72.98	69.43	68.21	65.04
Apparel and related products.....	36.0	36.1	36.2	35.4	1.79	1.73	1.69	1.64	64.44	62.45	61.18	58.06
Paper and allied products.....	42.7	42.7	42.5	42.5	2.56	2.48	2.40	2.34	109.31	105.90	102.00	99.45
Printing and publishing.....	38.5	38.3	38.3	38.2	2.97	2.89	2.82	2.75	114.35	110.69	108.01	105.05
Chemicals and allied products.....	41.6	41.5	41.6	41.4	2.80	2.72	2.65	2.58	116.48	112.88	110.24	106.81
Petroleum and related products.....	41.8	41.7	41.6	41.3	3.20	3.16	3.05	3.01	133.76	131.77	126.88	124.31
Rubber and plastic products.....	41.3	40.8	41.0	40.4	2.54	2.47	2.44	2.38	104.90	100.78	100.04	96.15
Leather and leather products.....	37.8	37.5	37.6	37.4	1.82	1.76	1.72	1.68	68.80	66.00	64.67	62.83

¹Preliminary unweighted averages.

Technical Note

Additional information concerning the preparation of the labor force, employment, hours and earnings, and labor turnover series--concepts and scope, survey methods, and limitations--is contained in technical notes for each of these series, available from the Bureau of Labor Statistics free of charge. Use order blank on page 13-E.

INTRODUCTION

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

Data based on household interviews are obtained from a sample survey of the population. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides a comprehensive measure of the labor force, i.e., the total number of persons 14 years of age and over who are employed or unemployed. It also provides data on their personal and economic characteristics such as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The information is collected by trained interviewers from a sample of about 35,000 households throughout the country and is based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment payroll records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The payroll survey provides detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas.

The figures are based on payroll reports from a sample of establishments employing about 25 million nonfarm wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month.

Relation between the household and payroll series

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

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

Employment

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

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

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

Hours of Work

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

Comparability of the household interview data with other series

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

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

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

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 14 in the 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

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

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

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

Table B. Standard error of level of monthly estimates

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

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

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

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

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

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

Table D. Standard error of percentages

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

Establishment Data

COLLECTION

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

Federal-State Cooperation

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

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

Shuttle Schedules

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

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

CONCEPTS

Industrial Classification

Establishments are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year on an industry class supplement to the monthly 790 or 1219 report. In the case of an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the most important product or activity.

All national, State, and area employment, hours, earnings, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual*, Bureau of the Budget, 1957. Since many of the published industry series represent combinations of SIC industries, the BLS has prepared a *Guide to Employment Statistics of BLS, 1961* which specifies the SIC code or codes covered by each industry title listed in *Employment and Earnings*. In addition, the *Guide* provides industry definitions and lists the beginning date of each series. The *Guide* is available free upon request.

Industry Employment

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

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

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

Industry Hours and Earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers, construction workers, or nonsupervisory employees. These terms are defined below. When the pay period reported is longer than 1 week, the figures are reduced to a weekly basis.

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

Construction workers relate to the following employees in the contract construction division: Working foremen, journeymen, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

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

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

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

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

Gross Average Hourly and Weekly Earnings

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

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

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

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

Average Weekly Hours

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

Average Overtime Hours

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

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

Railroad Hours and Earnings

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

Spendable Average Weekly Earnings

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

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

Average Hourly Earnings Excluding Overtime

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

Indexes of Aggregate Weekly Payrolls and Man-Hours

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

Labor Turnover

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

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

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

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

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

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

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

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

Comparability With Employment Series

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

ESTIMATING METHODS

The principal features of the estimating procedure used to prepare estimates of employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of a modified cutoff type of sample.

The "Link Relative" Technique

From a sample of establishments, which report for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." Other features of the general procedures used for estimating industry employment, hours, earnings, and labor turnover statistics are described in the table on page 12-E. Further details are given in the technical notes on *Measurement of Employment, Hours, and Earnings in Nonagricultural Industries* and on *Measurement of Labor Turnover*, which are available upon request.

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or nonsupervisory-worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods on page 12-E, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark Adjustments

Employment estimates are periodically compared with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 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 payrolls sample, March 1963¹

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) ²	2,334,000	100
State and local	3,459,000	50

¹Since 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.

²State 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, as defined in the Annual Supplement Issue of *Employment and Earnings*. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

Users of State and area employment, hours, and earnings statistics may be interested in *Employment and Earnings Statistics for States and Areas, 1939-63*, BLS Bulletin 1370-1. 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 1963.

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 1963 are published in the February 1964 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

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

Item	Basic estimating cells (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
Monthly Data		
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.
Annual Average Data		
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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