



EMPLOYMENT and EARNINGS

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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	(In thousands)									Not in labor force
		Total labor force		Civilian 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
1964: August.....	134,400	78,509	58.4	75,758	72,104	5,400	66,704	3,654	4.8	5.1	55,891
September.....	134,586	76,865	57.1	74,122	70,805	5,230	65,575	3,317	4.5	5.1	57,721
October.....	134,772	77,112	57.2	74,375	71,123	5,126	65,997	3,252	4.4	5.2	57,661
November.....	134,952	76,897	57.0	74,166	70,793	4,545	66,248	3,373	4.5	4.9	58,055
December.....	135,135	76,567	56.7	73,841	70,375	3,785	66,590	3,466	4.7	5.0	58,568
1965: January.....	135,302	75,699	55.9	72,992	68,996	3,739	65,257	3,996	5.5	4.8	59,603
February.....	135,469	76,418	56.4	73,714	69,496	3,803	65,694	4,218	5.7	5.0	59,051
March.....	135,651	76,612	56.5	73,909	70,169	3,989	66,180	3,740	5.1	4.7	59,039
April.....	135,812	77,307	56.9	74,621	71,070	4,473	66,597	3,552	4.8	4.9	58,504
May.....	135,982	78,425	57.7	75,741	72,407	5,128	67,278	3,335	4.4	4.6	57,556
June.....	136,160	80,683	59.3	78,003	73,716	5,622	68,094	4,287	5.5	4.7	55,477
July.....	136,252	81,150	59.6	78,457	74,854	5,626	69,228	3,602	4.6	4.5	55,102
August.....	136,473	80,163	58.7	77,470	74,212	5,136	69,077	3,258	4.2	4.5	56,310

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 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.

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

HOUSEHOLD DATA

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

(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		Percent of labor force	
					Total	Agriculture	Nonagricultural industries	Number	Not 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.....	57,484	48,054	83.6	45,041	43,152	5,479	37,673	1,889	4.2	-	9,430
1956.....	58,044	48,579	83.7	45,756	43,999	5,268	38,731	1,757	3.8	-	9,465
1957.....	58,813	48,649	82.7	45,882	43,990	5,037	38,952	1,893	4.1	-	10,164
1958.....	59,478	48,802	82.1	46,197	43,042	4,802	38,240	3,155	6.8	-	10,677
1959.....	60,100	49,081	81.7	46,562	44,089	4,749	39,340	2,473	5.3	-	11,019
1960 ³	61,000	49,507	81.2	47,025	44,485	4,678	39,807	2,541	5.4	-	11,493
1961.....	62,147	49,918	80.3	47,378	44,318	4,508	39,811	3,060	6.5	-	12,229
1962 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
1964: 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	52,083	78.3	48,370	46,557	4,081	42,476	1,813	3.7	4.7	14,183
October.....	65,351	50,918	77.9	48,211	46,448	4,026	42,423	1,762	3.7	4.4	14,434
November.....	65,432	50,709	77.5	48,008	46,152	3,666	42,487	1,856	3.9	4.4	14,723
December.....	65,516	50,480	77.0	47,784	45,645	3,247	42,398	2,139	4.5	4.3	15,035
1965: January.....	65,590	50,212	76.6	47,537	45,056	3,246	41,810	2,481	5.2	4.3	15,377
February.....	65,664	50,538	77.0	47,866	45,307	3,296	42,011	2,558	5.3	4.3	15,126
March.....	65,747	50,628	77.0	47,957	45,675	3,422	42,253	2,283	4.8	4.1	15,119
April.....	65,817	51,168	77.7	48,513	46,422	3,738	42,683	2,091	4.3	4.2	14,649
May.....	65,893	51,908	78.8	49,255	47,314	4,098	43,216	1,941	3.9	4.2	13,985
June.....	65,974	53,395	80.9	50,746	48,431	4,416	44,015	2,315	4.6	4.1	12,579
July.....	66,041	54,019	81.8	51,356	49,287	4,384	44,903	2,069	4.0	4.1	12,022
August.....	66,145	53,360	80.7	50,697	48,896	4,095	44,801	1,801	3.6	4.0	12,765
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	18,830	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	16,348	1,338	15,510	735	4.1	-	37,520
1949.....	55,745	18,048	32.4	18,030	16,947	1,386	15,561	1,083	6.0	-	37,697
1950.....	56,404	18,680	33.1	18,657	17,584	1,226	16,358	1,073	5.8	-	37,724
1951.....	57,078	19,309	33.8	19,272	18,421	1,257	17,164	851	4.4	-	37,770
1952.....	57,766	19,558	33.9	19,513	18,798	1,170	17,628	715	3.7	-	38,208
1953 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
1964: August.....	69,220	25,925	37.5	25,894	24,313	1,052	23,261	1,581	6.1	6.0	43,295
September.....	69,320	25,782	37.2	25,752	24,248	1,149	23,099	1,503	5.8	6.0	43,538
October.....	69,421	26,194	37.7	26,164	24,674	1,100	23,574	1,489	5.7	6.3	43,227
November.....	69,520	26,188	37.7	26,158	24,641	879	23,762	1,517	5.8	5.9	43,332
December.....	69,619	26,086	37.5	26,056	24,730	538	24,192	1,327	5.1	6.1	43,533
1965: January.....	69,712	25,487	36.6	25,455	23,940	492	23,447	1,515	6.0	5.8	44,225
February.....	69,805	25,880	37.1	25,848	24,189	506	23,682	1,659	6.4	6.3	43,925
March.....	69,904	25,984	37.2	25,952	24,494	567	23,927	1,458	5.6	5.8	43,920
April.....	69,994	26,139	37.3	26,108	24,648	735	23,913	1,460	5.6	6.0	43,855
May.....	70,089	26,517	37.8	26,486	25,093	1,031	24,062	1,393	5.3	5.4	43,572
June.....	70,186	27,288	38.9	27,257	25,284	1,206	24,079	1,972	7.2	5.8	42,899
July.....	70,212	27,132	38.6	27,101	25,567	1,242	24,325	1,534	5.7	5.2	43,080
August.....	70,329	26,804	38.1	26,773	25,316	1,041	24,275	1,457	5.4	5.3	43,525

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		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
Total	136,473	136,252	134,400	66,145	66,041	65,180	70,329	70,212	69,220
Total labor force	80,163	81,150	78,509	53,360	54,019	52,584	26,804	27,132	25,925
Civilian labor force	77,470	78,457	75,758	50,697	51,356	49,864	26,773	27,101	25,894
Employed	74,212	74,854	72,104	48,896	49,287	47,791	25,316	25,567	24,313
Agriculture	5,136	5,626	5,400	4,095	4,384	4,348	1,041	1,242	1,052
Nonagricultural industries	69,077	69,228	66,704	44,801	44,903	43,443	24,275	24,325	23,261
Unemployed	3,258	3,602	3,654	1,801	2,069	2,074	1,457	1,534	1,581
Looking for full-time work	2,719	3,000	3,036	1,517	1,740	1,756	1,202	1,260	1,280
Looking for part-time work	539	603	618	284	329	318	255	274	300
Not in labor force	56,310	55,102	55,891	12,785	12,022	12,596	43,525	43,080	43,295

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

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
Total	3,258	3,602	3,654	4.2	4.6	4.8	100.0	100.0	100.0
Male	1,801	2,069	2,074	3.6	4.0	4.2	55.3	57.4	56.7
14 to 19 years	521	798	573	9.5	13.2	11.7	16.0	22.2	15.7
14 and 15 years	65	136	89	6.0	10.4	8.8	2.0	3.8	2.4
16 to 19 years	456	662	483	10.4	14.0	12.4	14.0	18.4	13.2
20 to 24 years	269	289	368	5.2	5.4	7.2	8.3	8.0	10.1
25 to 34 years	278	283	281	2.8	2.8	2.8	8.5	7.9	7.7
35 to 44 years	197	233	254	1.8	2.1	2.3	6.1	6.5	7.0
45 to 54 years	240	210	276	2.4	2.1	2.8	7.4	5.8	7.6
55 to 64 years	224	183	232	3.3	2.7	3.4	6.9	5.1	6.4
65 years and over	70	72	90	3.3	3.3	4.2	2.2	2.0	2.5
Female	1,457	1,534	1,581	5.4	5.7	6.1	44.7	42.6	43.3
14 to 19 years	351	520	387	10.0	13.7	11.8	10.8	14.4	10.6
14 and 15 years	26	37	13	4.9	5.8	2.6	.8	1.0	.4
16 to 19 years	325	483	374	10.9	15.3	13.6	10.0	13.4	10.2
20 to 24 years	280	269	287	8.1	7.9	8.7	8.6	7.5	7.9
25 to 34 years	206	214	280	5.0	5.2	6.9	6.3	5.9	7.7
35 to 44 years	315	211	269	5.6	3.8	5.0	9.7	5.9	7.4
45 to 54 years	185	201	216	3.3	3.5	3.9	5.7	5.6	5.9
55 to 64 years	97	88	117	2.8	2.5	3.5	3.0	2.4	3.2
65 years and over	22	30	24	2.4	3.1	2.6	.7	.8	.7

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

Industry	Unemployment rate			Percent distribution		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
Total	4.2	4.6	4.8	100.0	100.0	100.0
Experienced wage and salary workers	3.9	3.9	4.5	79.2	72.1	80.8
Agriculture	4.8	5.0	6.5	2.7	3.0	3.7
Nonagricultural industries	3.8	3.8	4.5	76.5	69.1	77.1
Mining, forestry, fisheries	5.7	4.5	6.2	1.1	.8	1.1
Construction	5.4	7.1	6.7	7.6	9.1	8.3
Manufacturing	3.6	3.8	4.4	22.1	20.8	23.7
Durable goods	3.5	3.2	4.7	12.2	10.1	14.0
Nondurable goods	3.7	4.6	4.1	9.9	10.7	9.7
Transportation and public utilities	2.0	2.5	3.6	2.9	3.2	4.6
Wholesale and retail trade	4.7	4.7	4.9	17.7	16.3	16.1
Finance, insurance, and real estate	2.3	2.2	2.9	2.1	1.9	2.4
Service industries	4.3	3.6	4.7	20.5	15.4	18.9
Public administration	1.9	1.5	1.9	2.3	1.6	2.0
Self-employed and unpaid family workers	1.0	.8	.6	3.0	2.5	1.7
No previous work experience	-	-	-	17.7	25.4	17.5
14 to 19 years	-	-	-	15.0	21.7	13.7
20 years and over	-	-	-	2.7	3.7	3.8

HOUSEHOLD DATA

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

Occupation	Unemployment rate			Percent distribution		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
Total	4.2	4.6	4.8	100.0	100.0	100.0
White-collar workers	2.5	2.0	2.6	25.0	18.1	22.5
Professional and technical	2.0	1.3	2.5	5.3	3.2	5.7
Managers, officials, and proprietors	1.5	.9	1.5	3.3	1.9	3.0
Clerical workers	3.3	2.7	3.2	11.9	8.7	9.7
Sales workers	3.0	3.1	3.2	4.4	4.3	4.1
Blue-collar workers	4.3	4.8	5.3	38.3	38.7	40.9
Craftsmen and foremen	2.6	3.0	3.1	7.9	8.1	8.3
Operatives	5.1	5.5	5.8	22.9	21.8	22.5
Nonfarm laborers	5.2	6.5	8.4	7.5	8.7	10.1
Service workers	5.2	5.2	5.7	16.2	14.9	15.7
Private household workers	4.8	5.0	5.4	3.5	3.3	3.6
Other service workers	5.4	5.3	5.8	12.7	11.6	12.2
Farm workers	1.8	1.9	2.5	2.8	2.8	3.5
Farmers and farm managers	.3	.1	.4	.2	.1	.3
Farm laborers and foremen	3.2	3.3	4.3	2.5	2.7	3.2
No previous work experience	-	-	-	17.7	25.4	17.5

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

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
COLOR									
Total	3,258	3,602	3,654	4.2	4.6	4.8	100.0	100.0	100.0
White, total	2,570	2,749	2,791	3.7	4.0	4.1	78.9	76.3	76.4
Male	1,429	1,612	1,620	3.1	3.5	3.6	43.9	44.8	44.3
Female	1,141	1,137	1,170	4.9	4.9	5.2	35.0	31.6	32.0
Nonwhite, total	688	853	863	7.9	9.6	10.2	21.1	23.7	23.6
Male	371	457	453	7.3	8.8	9.1	11.4	12.7	12.4
Female	316	396	410	8.9	10.7	11.8	9.7	11.0	11.2
MARITAL STATUS									
Total	3,258	3,602	3,654	4.2	4.6	4.8	100.0	100.0	100.0
Male	1,801	2,069	2,074	3.6	4.0	4.2	55.3	57.5	56.7
Married, wife present	825	758	843	2.2	2.0	2.3	25.3	21.0	23.1
Single	832	1,121	992	7.9	10.0	9.8	25.5	31.1	27.1
14 to 19 years	503	775	559	9.6	13.4	11.9	15.4	21.5	15.3
20 years and over	329	346	433	6.3	6.4	8.0	10.1	9.6	11.9
Other marital status	144	191	239	5.3	7.0	9.4	4.4	5.3	6.5
Female	1,457	1,534	1,581	5.4	5.7	6.1	44.7	42.6	43.3
Married, husband present	680	594	711	4.7	4.1	5.1	20.9	16.5	19.5
Single	489	635	552	7.1	8.8	8.2	15.0	17.6	15.1
14 to 19 years	292	450	337	9.3	13.1	11.4	9.0	12.5	9.2
20 years and over	198	185	215	5.3	4.9	5.7	6.1	5.1	5.9
Other marital status	288	304	317	5.3	5.7	6.0	8.8	8.4	8.7
HOUSEHOLD RELATIONSHIP									
Total	3,258	3,602	3,654	4.2	4.6	4.8	100.0	100.0	100.0
Household head	1,170	1,134	1,265	2.6	2.5	2.8	35.9	31.5	34.6
Living with relatives	935	926	993	2.3	2.3	2.5	28.7	25.7	27.2
Not living with relatives	235	208	272	4.4	3.9	5.3	7.2	5.8	7.4
Wife of head	655	549	679	4.6	3.9	5.0	20.1	15.2	18.6
Other relative of head	1,379	1,860	1,611	8.4	10.7	10.2	42.3	51.6	44.1
Non-relative of head	53	60	98	4.0	4.5	7.3	1.6	1.7	2.7

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

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964		Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
Total	3,258	3,602	3,654	100.0	100.0	100.0	Total	3,258	3,602	3,654	100.0	100.0	100.0
Less than 5 weeks	1,612	1,888	1,691	49.5	52.4	46.3	Persons on temporary layoff	155	130	127	4.8	3.6	3.5
5 to 14 weeks	1,033	1,127	1,174	31.7	31.3	32.1							
5 and 6 weeks	226	453	271	6.9	12.6	7.4	Persons scheduled to begin new jobs within 30 days	225	136	220	6.9	3.8	6.0
7 to 10 weeks	519	495	591	15.9	13.7	16.2							
11 to 14 weeks	287	180	312	8.8	5.0	8.5	All other unemployed ...	2,878	3,336	3,307	88.3	92.6	90.5
15 weeks and over	612	587	790	18.8	16.3	21.6							
15 to 26 weeks	296	250	296	9.1	6.9	8.1							
27 weeks and over	316	337	494	9.7	9.4	13.5							
Average (mean) duration ..	11.9	10.5	13.1	-	-	-							

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		
	Aug. 1965	Aug. 1964	Aug. 1965	Aug. 1964	Aug. 1965	Aug. 1964	Aug. 1965	Aug. 1964	
INDUSTRY									
Total	18.8	21.6	100.0	100.0	9.7	13.5	100.0	100.0	100.0
Experienced wage and salary workers	20.0	24.1	84.3	90.0	10.2	14.8	83.0	88.6	86.0
Agriculture	(1)	14.8	1.6	2.5	(1)	10.4	1.3	2.8	2.4
Nonagricultural industries	20.3	24.5	82.7	87.5	10.4	15.1	81.8	85.8	83.6
Mining, forestry, fisheries	(1)	(1)	2.3	1.5	(1)	(1)	3.5	2.0	.8
Construction	23.1	21.5	9.3	8.2	12.1	15.8	9.4	9.7	5.9
Manufacturing	20.0	29.8	23.5	32.7	9.6	18.6	21.7	32.7	25.9
Durable goods	18.8	31.1	12.2	20.2	8.8	19.5	11.0	20.3	14.7
Nondurable goods	21.5	28.0	11.3	12.5	10.6	17.2	10.7	12.4	11.2
Transportation and public utilities	(1)	26.6	4.1	5.7	(1)	20.1	6.3	6.9	6.1
Wholesale and retail trade	19.0	18.9	17.9	14.1	9.3	11.1	17.0	13.2	15.9
Finance, insurance, and real estate, and service industries ..	19.4	21.8	23.3	21.5	8.9	11.5	20.8	18.3	23.8
Public administration	(1)	(1)	2.3	3.7	(1)	(1)	3.1	3.0	5.1
Self-employed and unpaid family workers	(1)	(1)	4.4	1.0	(1)	(1)	6.0	1.8	13.2
No previous work experience	12.0	11.1	11.3	9.0	6.1	7.4	11.1	9.5	.7
OCCUPATION									
Total	18.8	21.6	100.0	100.0	9.7	13.5	100.0	100.0	100.0
White-collar workers	17.1	23.3	22.7	24.2	7.5	13.5	19.3	22.5	42.2
Professional and technical	9.9	18.7	2.8	4.9	4.1	10.0	2.2	4.3	11.1
Managers, officials, and proprietors	25.7	28.2	4.6	3.9	14.7	14.5	5.1	3.2	9.6
Clerical workers	19.0	26.2	12.1	11.7	7.7	15.8	9.5	11.3	15.2
Sales workers	13.9	19.5	3.3	3.7	5.6	12.1	2.5	3.6	6.2
Blue-collar workers	22.0	25.8	44.8	48.7	11.5	17.6	45.6	53.2	37.7
Craftsmen and foremen	26.0	29.8	10.9	11.4	14.7	19.5	12.0	11.9	13.0
Operatives	20.8	24.3	25.3	25.3	10.3	16.1	24.4	26.9	18.7
Nonfarm laborers	21.3	26.1	8.5	12.1	11.9	19.3	9.2	14.4	6.1
Service workers	21.9	21.0	19.0	15.3	12.9	9.9	21.5	11.5	13.0
Private household workers	26.3	14.6	4.9	2.4	12.3	6.2	4.4	1.6	3.0
Other service workers	20.7	22.9	14.1	12.9	13.0	11.0	17.1	9.9	10.0
Farm workers	(1)	17.3	2.3	2.8	(1)	12.6	2.5	3.2	6.3
Farmers and farm managers	(1)	(1)	.7	.6	(1)	(1)	1.3	1.0	3.0
Farm laborers and foremen	(1)	14.5	1.6	2.1	(1)	9.4	1.3	2.2	3.3
No previous work experience	12.0	11.1	11.3	9.0	6.1	7.4	11.1	9.5	.7

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		
	Aug. 1965	Aug. 1964	Aug. 1965	Aug. 1964	Aug. 1965	Aug. 1964	Aug. 1965	Aug. 1964	
AGE									
Total	18.8	21.6	100.0	100.0	9.7	13.5	100.0	100.0	100.0
Male	19.6	24.3	57.7	63.9	11.9	15.9	67.5	66.5	65.4
14 to 19 years	8.8	8.2	7.5	6.0	5.4	5.2	8.8	6.1	7.1
20 to 24 years	16.4	17.7	7.2	8.2	8.2	10.9	6.9	8.1	6.7
25 to 44 years	21.4	27.5	16.6	18.6	11.8	15.2	17.7	16.4	27.2
45 years and over	30.3	41.0	26.4	31.1	20.2	29.6	34.1	35.9	24.5
Female	17.8	18.0	42.3	36.1	7.0	10.4	32.5	33.5	34.6
14 to 19 years	8.5	8.5	4.9	4.2	2.6	4.4	2.8	3.4	4.5
20 to 24 years	13.6	14.6	6.2	5.3	5.0	8.0	4.4	4.7	4.4
25 to 44 years	21.1	20.8	17.9	14.4	8.8	10.0	14.5	11.2	12.7
45 years and over	26.6	26.9	13.2	12.2	11.2	19.6	10.7	14.2	12.9
COLOR									
Total	18.8	21.6	100.0	100.0	9.7	13.5	100.0	100.0	100.0
White, total	18.2	21.2	76.8	75.0	9.3	13.4	75.6	75.9	88.8
Male	19.5	23.2	45.7	47.7	11.5	15.6	51.9	51.2	58.9
Female	16.7	18.5	31.1	27.4	6.6	10.4	23.7	24.7	30.0
Nonwhite, total	20.8	22.8	23.2	25.0	11.2	13.8	24.4	24.1	11.2
Male	20.2	28.3	12.3	16.2	13.5	16.8	15.8	15.4	6.6
Female	21.8	16.8	11.3	8.7	8.5	10.5	8.5	8.7	4.6
MARITAL STATUS									
Total	18.8	21.6	100.0	100.0	9.7	13.5	100.0	100.0	100.0
Male	19.6	24.3	57.7	63.9	11.9	15.9	67.7	66.5	65.4
Married, wife present	26.8	27.5	36.1	29.3	16.2	16.6	42.4	28.4	48.4
Single	12.7	17.1	17.3	21.5	8.1	10.8	21.2	21.7	13.5
14 to 19 years	7.4	8.1	6.0	5.7	5.2	5.2	8.2	5.9	6.7
20 years and over	21.0	28.9	11.3	15.8	12.5	18.0	13.0	15.8	6.8
Other marital status	18.1	43.3	4.2	13.0	9.0	34.0	4.1	16.4	3.5
Female	17.8	18.0	42.3	36.1	7.0	10.4	32.5	33.5	34.6
Married, husband present	19.0	18.7	21.0	16.8	7.6	11.0	16.5	15.8	18.7
Single	8.8	14.3	7.2	10.0	3.7	7.6	5.7	8.5	8.9
14 to 19 years	9.2	7.1	4.4	3.0	2.7	3.9	2.5	2.6	4.0
20 years and over	8.6	25.6	2.8	7.0	5.1	13.5	3.2	5.9	4.8
Other marital status	30.2	23.3	14.2	9.4	11.1	14.2	10.1	9.1	7.0

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		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
Total	2,719	3,000	3,036	539	603	618	16.5	16.7	16.9
Male	1,517	1,740	1,756	284	329	318	15.8	15.9	15.3
14 to 19 years	314	526	343	207	272	230	39.7	34.1	40.1
Major activity:									
Going to school	3	12	9	10	34	8	(1)	(1)	(1)
All other	311	515	334	197	240	220	38.7	31.8	39.7
20 to 24 years	261	274	357	9	14	11	3.3	4.9	3.0
25 to 54 years	690	712	781	26	14	30	3.6	1.9	3.7
55 years and over	252	227	276	42	29	48	14.3	11.3	14.8
Female	1,202	1,260	1,280	255	274	300	17.5	17.9	19.0
14 to 19 years	245	403	288	106	117	102	30.2	22.5	26.2
Major activity:									
Going to school	2	9	-	7	15	1	(1)	(1)	(1)
All other	243	394	288	99	102	101	28.9	20.6	26.0
20 to 24 years	249	236	256	31	34	31	11.1	12.6	10.8
25 to 54 years	609	532	635	99	94	129	14.0	15.0	16.9
55 years and over	99	90	103	20	29	40	16.8	24.4	28.0

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

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

Age and sex	Thousands of persons			Labor force participation rate		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
Total	80,163	81,150	78,509	58.7	59.6	58.4
Male	53,360	54,019	52,584	80.7	81.8	80.7
14 to 19 years	5,875	6,479	5,414	56.6	62.8	54.6
14 and 15 years	1,078	1,304	1,016	30.2	36.8	29.0
16 and 17 years	2,059	2,338	2,022	58.4	66.5	56.0
18 and 19 years	2,738	2,837	2,377	83.3	87.2	84.8
20 to 24 years	6,270	6,326	6,044	92.5	93.5	92.9
25 to 34 years	10,690	10,684	10,707	97.8	97.8	98.2
35 to 44 years	11,476	11,479	11,525	97.3	97.3	97.1
45 to 54 years	10,160	10,116	9,985	95.8	95.5	95.0
55 to 64 years	6,736	6,765	6,758	84.2	84.6	85.6
55 to 59 years	3,930	3,937	3,919	90.2	90.4	91.1
60 to 64 years	2,806	2,828	2,839	77.0	77.7	79.1
65 years and over	2,151	2,172	2,154	28.1	28.4	28.4
Female	26,804	27,132	25,925	38.1	38.6	37.5
14 to 19 years	3,519	3,797	3,278	34.7	37.7	33.8
14 and 15 years	531	629	514	15.3	18.3	15.1
16 and 17 years	1,204	1,318	1,191	35.0	38.4	33.8
18 and 19 years	1,784	1,849	1,573	55.2	57.7	56.8
20 to 24 years	3,458	3,434	3,321	51.0	50.7	50.8
25 to 34 years	4,167	4,161	4,090	37.1	37.1	36.4
35 to 44 years	5,672	5,554	5,435	45.8	44.8	43.6
45 to 54 years	5,578	5,681	5,573	49.7	50.6	50.3
55 to 64 years	3,487	3,544	3,321	39.8	40.6	38.7
55 to 59 years	2,162	2,204	2,060	46.0	47.0	44.7
60 to 64 years	1,325	1,340	1,261	32.7	33.1	31.7
65 years and over	922	960	907	9.4	9.8	9.4

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

Age and sex	(In thousands)					
	Male			Female		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
All industries	48,896	49,287	47,791	25,316	25,567	24,313
14 to 19 years	4,962	5,236	4,337	3,162	3,270	2,884
20 to 24 years	4,929	5,035	4,722	3,167	3,153	3,024
25 to 34 years	9,672	9,656	9,662	3,955	3,939	3,803
35 to 44 years	10,911	10,862	10,865	5,353	5,340	5,162
45 to 54 years	9,835	9,820	9,621	5,391	5,479	5,355
55 to 64 years	6,506	6,577	6,519	3,390	3,456	3,203
65 years and over	2,082	2,099	2,064	901	930	882
Nonagricultural industries	44,801	44,903	43,443	24,275	24,325	23,261
14 to 19 years	4,117	4,238	3,439	2,983	3,002	2,707
20 to 24 years	4,663	4,745	4,386	3,108	3,098	2,944
25 to 34 years	9,204	9,184	9,160	3,809	3,808	3,650
35 to 44 years	10,292	10,227	10,182	5,171	5,102	4,977
45 to 54 years	9,057	9,021	8,864	5,163	5,194	5,131
55 to 64 years	5,832	5,854	5,842	3,212	3,268	3,054
65 years and over	1,637	1,634	1,572	830	853	799
Agriculture	4,095	4,384	4,348	1,041	1,242	1,052
14 to 19 years	845	998	899	178	268	176
20 to 24 years	267	290	336	59	56	80
25 to 34 years	468	472	502	146	131	154
35 to 44 years	618	634	683	182	236	185
45 to 54 years	778	800	757	227	285	224
55 to 64 years	675	722	679	179	188	149
65 years and over	444	467	493	70	76	84

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

Characteristics	(In thousands)								
	Total			Male			Female		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
CLASS OF WORKER									
Total	74,212	74,854	72,104	48,896	49,287	47,791	25,316	25,567	24,313
Nonagricultural industries	69,077	69,228	66,704	44,801	44,903	43,443	24,275	24,325	23,261
Wage and salary workers	62,284	62,417	59,981	39,910	40,001	38,568	22,374	22,416	21,413
Private household workers	2,675	2,763	2,719	461	444	2,214	2,246	2,274	2,274
Government workers	9,386	9,336	8,733	5,736	5,691	5,367	3,649	3,645	3,366
Other wage and salary workers	50,223	50,318	48,529	33,713	33,793	32,757	16,511	16,525	15,773
Self-employed workers	6,152	6,208	6,127	4,800	4,804	4,772	1,352	1,404	1,355
Unpaid family workers	641	605	595	92	98	102	549	507	493
Agriculture	5,136	5,626	5,400	4,095	4,384	4,348	1,041	1,242	1,052
Wage and salary workers	1,763	2,033	1,936	1,465	1,617	1,576	298	416	360
Self-employed workers	2,389	2,486	2,488	2,240	2,321	2,330	149	165	158
Unpaid family workers	984	1,105	977	390	446	443	594	659	534
OCCUPATION									
Total	74,212	74,854	72,104	48,896	49,287	47,791	25,316	25,567	24,313
White-collar workers	31,856	32,271	30,807	17,921	18,259	17,644	13,935	14,012	13,163
Professional and technical	8,418	8,425	7,979	5,495	5,452	5,228	2,922	2,973	2,751
Managers, officials, and proprietors	7,359	7,554	7,407	6,232	6,387	6,248	1,128	1,167	1,159
Clerical workers	11,385	11,492	10,883	3,385	3,589	3,398	8,000	7,903	7,485
Sales workers	4,694	4,800	4,538	2,809	2,831	2,770	1,885	1,969	1,768
Blue-collar workers	27,994	27,614	26,796	23,756	23,490	22,708	4,240	4,124	4,088
Craftsmen and foremen	9,784	9,528	9,412	9,493	9,270	9,195	292	257	216
Operatives	13,743	13,571	13,349	9,934	9,831	9,567	3,811	3,740	3,784
Nonfarm laborers	4,467	4,515	4,035	4,329	4,389	3,946	137	127	88
Service workers	9,564	9,712	9,475	3,412	3,459	3,401	6,152	6,254	6,073
Private household workers	2,244	2,269	2,299	73	53	67	2,171	2,216	2,231
Other service workers	7,320	7,443	7,176	3,339	3,406	3,334	3,981	4,038	3,842
Farm workers	4,801	5,255	5,027	3,807	4,077	4,038	992	1,178	990
Farmers and farm managers	2,316	2,395	2,452	2,175	2,235	2,302	140	160	150
Farm laborers and foremen	2,485	2,860	2,575	1,632	1,842	1,736	852	1,018	840

Table A-15: Employed persons, by hours worked

Hours worked	(In thousands)								
	All industries			Nonagricultural industries			Agriculture		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
Total	74,212	74,854	72,104	69,077	69,228	66,704	5,136	5,626	5,400
With a job but not at work	7,731	8,031	7,365	7,562	7,912	7,205	169	119	160
At work	66,482	66,823	64,739	61,515	61,318	59,498	4,967	5,505	5,241
1-34 hours	11,757	12,350	11,810	10,408	10,778	10,284	1,350	1,573	1,525
1-4 hours	819	831	824	750	760	744	70	72	80
5-14 hours	2,669	2,947	2,782	2,343	2,613	2,422	324	332	360
15-34 hours	8,267	8,570	8,201	7,313	7,402	7,115	955	1,168	1,085
35 hours or more	54,725	54,473	52,929	51,108	50,539	49,212	3,617	3,933	3,716
35-40 hours	31,521	31,177	30,858	30,684	30,295	30,053	838	882	804
41 hours and over	23,204	23,296	22,071	20,424	20,244	19,159	2,779	3,051	2,912
Average hours, total at work	41.4	41.3	41.2	40.9	40.7	40.6	48.2	47.9	46.9

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

Full- or part-time status	(In thousands)					
	All industries			Nonagricultural industries		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964
Total	74,212	74,854	72,104	69,077	69,228	66,704
With a job but not at work	7,731	8,031	7,365	7,562	7,912	7,205
At work	66,482	66,823	64,739	61,515	61,318	59,498
On full-time schedules	57,026	56,635	55,392	53,217	52,506	51,389
35 hours or more	54,725	54,473	52,929	51,108	50,539	49,212
1-34 hours for noneconomic reasons	2,301	2,162	2,463	2,109	1,967	2,177
Bad weather	172	172	305	123	121	206
Industrial dispute	43	33	18	43	33	18
Vacation	693	568	621	655	549	583
Illness	625	683	651	583	616	617
Holiday	-	21	153	-	21	150
All other reasons	768	685	715	705	627	603
On part time for economic reasons	2,696	2,753	2,828	2,317	2,340	2,407
Usually work full time	1,168	1,041	1,093	959	874	904
Average hours	23.3	23.5	22.4	23.7	23.6	23.0
Usually work part time	1,528	1,712	1,735	1,358	1,466	1,503
Average hours	17.2	17.3	17.3	17.4	17.2	17.4
On part time for noneconomic reasons; usually work part time	6,760	7,436	6,517	5,979	6,468	5,699

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

Reason not working	(In thousands)											
	All industries			Nonagricultural industries								
				Total			Wage and salary workers					
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Number		Percent paid			
						Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	
Total	7,731	8,031	7,365	7,562	7,912	7,205	7,048	7,479	6,715	65.9	69.4	63.3
Bad weather	13	3	15	12	6	12	10	6	9	-	(1)	-
Industrial dispute	30	76	16	30	76	16	30	76	16	-	-	-
Vacation	5,846	6,159	5,293	5,772	6,116	5,225	5,464	5,873	4,943	75.3	79.6	74.5
Illness	953	971	911	904	924	870	831	845	808	36.8	35.4	36.1
All other reasons	890	822	1,130	844	790	1,082	713	678	941	31.0	32.4	29.3

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

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

August 1965
(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	53,360	80.7	50,697	48,896	4,095	44,801	1,801	3.6	12,785	118	556	1,075	11,037	
14 and 15 years	1,078	30.2	1,078	1,014	312	702	65	6.0	2,486	14	83	2	2,387	
16 and 17 years	2,059	58.4	2,017	1,796	350	1,446	221	11.0	1,469	5	102	10	1,352	
18 and 19 years	2,738	83.3	2,387	2,152	183	1,969	235	9.8	549	-	106	14	429	
20 to 24 years	6,270	92.5	5,199	4,929	267	4,663	269	5.2	508	3	195	34	276	
25 to 29 years	5,403	97.3	4,981	4,817	216	4,601	164	3.3	149	2	45	20	81	
30 to 34 years	5,287	98.3	4,969	4,855	252	4,603	114	2.3	92	4	17	29	42	
35 to 39 years	5,676	97.8	5,452	5,354	268	5,086	98	1.8	128	1	5	44	78	
40 to 44 years	5,800	96.8	5,655	5,557	350	5,206	99	1.7	189	3	3	71	112	
45 to 49 years	5,312	96.2	5,247	5,121	351	4,770	126	2.4	208	-	-	65	144	
50 to 54 years	4,848	95.4	4,828	4,714	427	4,287	114	2.4	234	-	-	62	168	
55 to 59 years	3,930	90.2	3,927	3,791	367	3,424	135	3.4	429	6	-	157	265	
60 to 64 years	2,806	77.0	2,805	2,715	308	2,408	89	3.2	838	8	-	134	697	
65 to 69 years	1,191	42.3	1,191	1,142	192	950	49	4.1	1,623	13	-	107	1,504	
70 years and over	960	19.8	960	940	252	687	21	2.1	3,884	55	-	327	3,502	
White	48,025	81.0	45,592	44,162	3,543	40,619	1,429	3.1	11,297	92	484	923	9,798	
Nonwhite	5,335	78.2	5,105	4,734	552	4,182	371	7.3	1,488	26	72	152	1,238	
Female	26,804	38.1	26,773	25,316	1,041	24,275	1,457	5.4	43,525	36,203	698	678	5,947	
14 and 15 years	531	15.3	531	505	78	427	26	4.9	2,931	275	116	9	2,531	
16 and 17 years	1,204	35.0	1,204	1,069	58	1,011	135	11.2	2,235	425	171	11	1,628	
18 and 19 years	1,784	55.2	1,778	1,588	43	1,545	190	10.7	1,450	787	176	9	478	
20 to 24 years	3,458	51.0	3,447	3,167	59	3,108	280	8.1	3,328	2,930	162	13	223	
25 to 29 years	2,109	37.1	2,105	1,992	58	1,934	114	5.4	3,577	3,462	29	16	70	
30 to 34 years	2,058	37.1	2,055	1,963	88	1,875	92	4.5	3,483	3,394	20	6	63	
35 to 39 years	2,596	42.9	2,594	2,425	93	2,332	169	6.5	3,456	3,325	10	19	102	
40 to 44 years	3,076	48.5	3,074	2,928	89	2,839	146	4.7	3,264	3,168	4	21	71	
45 to 49 years	2,904	49.7	2,903	2,790	134	2,656	113	3.9	2,942	2,818	10	39	76	
50 to 54 years	2,674	49.6	2,673	2,601	93	2,507	72	2.7	2,713	2,630	-	26	57	
55 to 59 years	2,162	46.0	2,162	2,093	114	1,979	69	3.2	2,537	2,451	-	20	67	
60 to 64 years	1,325	32.7	1,325	1,297	65	1,233	28	2.1	2,731	2,613	2	40	76	
65 to 69 years	564	16.7	564	557	36	520	8	1.4	2,812	2,622	-	61	128	
70 years and over	358	5.6	358	344	34	310	14	3.9	6,066	5,302	1	387	376	
White	23,233	37.1	23,205	22,065	829	21,235	1,141	4.9	39,465	33,109	597	590	5,168	
Nonwhite	3,571	46.8	3,568	3,252	212	3,040	316	8.9	4,059	3,093	101	87	778	

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

August 1965
(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	87.0	1.6	2.3	9.1	100.0	16.3	53.1	15.4	15.2
Construction	100.0	90.4	3.9	2.2	3.5	100.0	14.5	56.1	14.2	15.2
Manufacturing	100.0	95.2	1.9	.7	2.2	100.0	8.6	59.9	17.7	13.8
Durable goods	100.0	96.9	1.4	.5	1.2	100.0	7.0	61.0	17.4	14.6
Nondurable goods	100.0	93.0	2.5	1.1	3.4	100.0	10.7	58.5	18.0	12.8
Transportation and public utilities	100.0	94.1	1.7	1.0	3.1	100.0	8.3	58.6	15.8	17.2
Wholesale and retail trade	100.0	81.3	1.3	3.5	13.8	100.0	20.7	41.2	18.3	19.7
Finance, insurance, and real estate	100.0	90.7	.2	.8	8.4	100.0	12.8	64.6	9.1	13.6
Service industries	100.0	72.7	1.4	4.7	21.1	100.0	30.5	44.6	12.0	12.8

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

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

August 1965

(Percent distribution)

Occupation	Full or part-time status						Hours of work					
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over	Average hours, total at work
				Economic reasons		Other reasons						
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time							
White-collar workers	27,489	100.0	88.6	0.6	0.9	9.9	100.0	14.6	51.6	12.6	21.2	42.0
Professional and technical	6,320	100.0	90.8	.5	.3	8.5	100.0	13.7	54.7	11.7	20.0	41.7
Managers, officials, and proprietors	6,705	100.0	96.4	.3	.2	3.2	100.0	6.5	31.9	16.2	45.5	50.1
Clerical workers	10,234	100.0	87.3	.6	1.1	11.0	100.0	15.7	67.9	10.2	6.2	38.2
Sales workers	4,230	100.0	76.6	1.0	2.7	19.8	100.0	26.2	39.0	13.9	21.0	38.8
Blue-collar workers	25,636	100.0	90.2	2.6	2.4	4.8	100.0	13.7	51.9	17.9	16.5	41.3
Craftsmen and foremen	8,894	100.0	94.4	1.8	1.4	2.4	100.0	9.0	51.7	19.6	19.7	43.0
Operatives	12,511	100.0	91.9	3.0	1.5	3.6	100.0	12.3	53.4	18.0	16.3	41.8
Nonfarm laborers	4,231	100.0	76.6	3.4	7.0	13.2	100.0	27.6	47.6	14.7	10.3	36.4
Service workers	8,704	100.0	68.8	1.6	5.8	23.8	100.0	33.9	37.9	14.1	14.1	36.1
Private household workers	2,130	100.0	40.6	2.0	13.1	44.1	100.0	61.5	20.2	8.1	10.0	26.4
Other service workers	6,574	100.0	77.8	1.5	3.4	17.2	100.0	25.0	43.5	16.0	15.4	39.2

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

August 1965

Occupation	Thousands			Percent distribution									
	Total	Male	Female	Total	Male	Female	White			Nonwhite			
							Total	Male	Female	Total	Male	Female	
Total	74,212	48,896	25,316	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	31,856	17,921	13,935	42.9	36.7	55.0	45.8	38.8	59.9	18.8	16.3	22.4	
Professional and technical	8,418	5,495	2,922	11.3	11.2	11.5	12.0	11.9	12.2	5.9	5.0	7.1	
Medical and other health	1,443	580	862	1.9	1.2	3.4	2.0	1.2	3.6	1.1	.6	1.9	
Teachers, except college	1,381	376	1,005	1.9	.8	4.0	1.9	.8	4.0	1.7	.5	3.5	
Other professional and technical	5,594	4,539	1,055	7.5	9.3	4.2	8.1	9.9	4.5	3.0	4.0	1.8	
Managers, officials, and proprietors	7,359	6,232	1,128	9.9	12.7	4.5	10.8	13.8	4.9	2.5	3.3	1.4	
Salaried workers	4,541	3,867	674	6.1	7.9	2.7	6.7	8.6	3.0	1.0	1.4	.4	
Self-employed workers in retail trade	1,355	1,056	300	1.8	2.2	1.2	2.0	2.3	1.3	.8	.9	.6	
Self-employed workers, except retail trade	1,463	1,309	154	2.0	2.7	.6	2.1	2.9	.7	.7	1.0	.3	
Clerical workers	11,385	3,385	8,000	15.3	6.9	31.6	16.2	7.0	34.5	8.5	6.2	11.8	
Stenographers, typists, and secretaries	2,844	56	2,788	3.8	.1	11.0	4.1	.1	12.2	1.4	.1	3.2	
Other clerical workers	8,541	3,329	5,212	11.5	6.8	20.6	12.0	6.9	22.4	7.1	6.0	8.6	
Sales workers	4,694	2,809	1,885	6.3	5.7	7.4	6.9	6.2	8.2	1.9	1.8	2.1	
Retail trade	2,873	1,214	1,659	3.9	2.5	6.6	4.2	2.6	7.3	1.3	1.0	1.8	
Other sales workers	1,821	1,595	226	2.5	3.3	.9	2.7	3.5	1.0	.6	.8	.3	
Blue-collar workers	27,994	23,756	4,240	37.7	48.6	16.7	37.5	47.8	16.8	40.0	56.2	16.4	
Craftsmen, foremen	9,784	9,493	292	13.2	19.4	1.2	14.0	20.4	1.1	6.7	10.5	1.2	
Carpenters	935	936	-	1.3	1.9	-	1.4	2.0	-	.5	.8	-	
Construction craftsmen, except carpenters	2,027	2,017	10	2.7	4.1	(1)	2.8	4.2	(1)	1.8	3.0	-	
Mechanics and repairmen	2,531	2,510	21	3.4	5.1	.1	3.6	5.3	.1	2.1	3.5	.1	
Metal craftsmen, except mechanics	1,103	1,088	15	1.5	2.2	.1	1.6	2.4	.1	.7	1.1	.1	
Other craftsmen and kindred workers	1,927	1,770	157	2.6	3.6	.6	2.7	3.8	.6	1.3	1.7	.8	
Foremen, not elsewhere classified	1,261	1,172	89	1.7	2.4	.4	1.9	2.6	.4	.4	.5	.2	
Operatives	13,743	9,934	3,811	18.5	20.3	15.1	18.3	19.8	15.2	20.5	24.8	14.3	
Drivers and deliverymen	2,557	2,522	35	3.4	5.2	.1	3.4	5.0	.2	4.1	6.9	(1)	
Other operatives	11,186	7,412	3,776	15.1	15.2	14.9	14.9	14.9	15.0	16.4	17.8	14.2	
Durable goods manufacturing	4,265	3,266	999	5.7	6.7	3.9	5.8	6.7	4.1	5.2	6.9	2.7	
Nondurable goods manufacturing	3,884	1,873	2,012	5.2	3.8	7.9	5.2	3.7	8.3	5.1	4.6	5.8	
Other industries	3,037	2,273	765	4.1	4.6	3.0	3.9	4.5	2.6	6.1	6.3	5.7	
Nonfarm laborers	4,467	4,329	137	6.0	8.9	.5	5.2	7.6	.5	12.8	20.9	.9	
Construction	987	980	6	1.3	2.0	(1)	1.1	1.7	(1)	2.9	4.9	(1)	
Manufacturing	1,216	1,152	64	1.6	2.4	.3	1.4	2.0	.2	3.4	5.6	.3	
Other industries	2,264	2,197	67	3.1	4.5	.3	2.6	3.9	.2	6.4	10.4	.5	
Service workers	9,564	3,412	6,152	12.9	7.0	24.3	10.6	5.9	19.8	32.3	16.8	54.8	
Private household workers	2,244	73	2,171	3.0	.1	8.6	1.9	.1	5.5	12.4	.5	29.7	
Service workers, except private household	7,320	3,339	3,981	9.9	6.8	15.7	8.7	5.8	14.3	19.9	16.3	25.1	
Protective service workers	942	892	49	1.3	1.8	.2	1.3	1.9	.2	.6	1.0	-	
Waiters, cooks, and bartenders	2,035	558	1,478	2.7	1.1	5.8	2.6	1.0	5.9	3.6	2.6	5.1	
Other service workers	4,343	1,889	2,454	5.9	3.9	9.7	4.7	2.9	8.2	15.6	12.7	20.0	
Farm workers	4,801	3,807	992	6.5	7.8	3.9	6.2	7.5	3.5	9.0	10.7	6.5	
Farmers and farm managers	2,316	2,175	140	3.1	4.4	.6	3.3	4.7	.5	1.7	2.4	.6	
Farm laborers and foremen	2,485	1,632	852	3.3	3.3	3.4	2.9	2.8	3.0	7.3	8.3	5.9	
Paid workers	1,520	1,251	268	2.0	2.6	1.1	1.5	2.0	.6	6.4	7.7	4.5	
Unpaid family workers	965	381	584	1.3	.8	2.3	1.3	.8	2.4	1.0	.7	1.4	

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

August 1965
(Percent distribution)

Characteristics	Full or part-time status						Hours of work				
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 hours and over	Average hours, total at work
				Economic reasons		Other reasons					
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time						
AGE AND SEX											
Total	61,515	100.0	86.5	1.6	2.2	9.7	100.0	16.8	49.9	33.2	40.9
Male	40,650	100.0	91.9	1.3	1.8	5.0	100.0	11.3	47.7	41.0	43.3
14 to 17 years	2,045	100.0	41.9	1.1	13.9	43.2	100.0	60.7	25.1	14.3	26.2
18 and 19 years	1,908	100.0	85.0	2.7	4.2	8.0	100.0	17.8	49.5	32.6	40.2
20 to 24 years	4,446	100.0	92.4	2.3	1.4	3.9	100.0	10.7	49.4	39.9	43.3
25 to 34 years	8,401	100.0	97.4	1.2	.5	.9	100.0	5.9	48.5	45.6	45.4
35 to 44 years	9,239	100.0	97.4	1.2	.6	.7	100.0	5.9	47.5	46.5	45.6
45 to 64 years	13,138	100.0	95.8	1.1	1.3	1.8	100.0	7.6	51.1	41.3	44.4
65 years and over	1,472	100.0	68.6	.5	1.3	29.6	100.0	34.1	37.3	28.6	36.4
Female	20,865	100.0	76.0	2.0	3.1	19.0	100.0	27.8	54.2	18.0	36.0
14 to 17 years	1,413	100.0	38.8	1.0	10.0	50.3	100.0	63.0	26.4	10.7	25.1
18 and 19 years	1,499	100.0	77.2	3.1	5.8	13.9	100.0	24.4	60.9	14.7	36.2
20 to 24 years	2,787	100.0	86.0	1.7	2.6	9.7	100.0	17.9	66.6	15.5	37.7
25 to 34 years	3,274	100.0	79.4	1.9	1.3	17.3	100.0	25.0	59.7	15.2	36.0
35 to 44 years	4,269	100.0	77.6	2.4	1.6	18.3	100.0	26.3	53.6	20.0	36.7
45 to 64 years	6,924	100.0	78.7	2.0	3.0	16.3	100.0	25.6	53.7	20.7	37.5
65 years and over	698	100.0	53.7	-	4.0	42.2	100.0	48.2	29.0	22.7	32.4
MARITAL STATUS AND SEX											
Male: Single	7,878	100.0	76.6	2.1	5.7	15.6	100.0	26.1	46.6	27.3	37.4
Married, wife present	30,604	100.0	96.0	1.1	.7	2.2	100.0	7.4	47.5	45.1	45.0
Other	2,167	100.0	90.3	1.9	2.9	4.9	100.0	13.1	53.6	33.3	42.0
Female: Single	5,573	100.0	74.5	1.2	5.1	19.3	100.0	28.5	56.0	15.6	34.9
Married, husband present	10,943	100.0	75.0	2.1	1.8	21.0	100.0	29.0	53.6	17.3	35.9
Other	4,349	100.0	80.3	2.5	3.7	13.6	100.0	23.9	53.3	22.9	37.6
COLOR AND SEX											
White	54,955	100.0	87.2	1.3	1.7	9.7	100.0	16.1	49.5	34.3	41.2
Male	36,772	100.0	92.4	1.1	1.5	5.0	100.0	10.9	46.9	42.2	43.7
Female	18,183	100.0	76.9	1.7	2.3	19.0	100.0	26.8	54.9	18.2	36.2
Nonwhite	6,560	100.0	80.1	3.6	6.1	10.2	100.0	23.1	52.8	24.1	37.9
Male	3,878	100.0	87.4	3.7	4.5	4.4	100.0	15.6	54.9	29.5	40.3
Female	2,682	100.0	69.5	3.5	8.3	18.6	100.0	34.0	49.6	16.3	34.5

Table A-23: Persons at work, by hours of work, and class of worker
August 1965
(Percent distribution)

Hours of work	Total	Agriculture				Nonagricultural industries						
		Total	Wage and salary workers	Self-employed workers	Unpaid family workers	Total	Wage and salary workers			Self-employed workers	Unpaid family workers	
							Total	Private households	Government			Other
Total at work .. thousands	66,482	4,967	1,707	2,275	984	61,515	55,242	2,562	7,065	45,615	5,638	634
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	17.7	27.0	31.0	21.2	34.2	16.8	16.3	64.1	12.5	14.3	19.5	44.4
1 to 14 hours	5.2	7.9	10.3	9.6	-	5.0	4.7	38.7	2.2	3.2	8.4	-
15 to 21 hours	4.8	9.0	10.2	4.5	17.5	4.4	4.2	13.5	3.6	3.8	4.7	20.2
22 to 29 hours	3.7	5.7	5.0	3.1	13.2	3.5	3.5	7.8	2.5	3.4	3.3	11.8
30 to 34 hours	4.0	4.4	5.5	4.0	3.5	3.9	3.9	4.1	4.2	3.9	3.1	12.4
35 to 40 hours	47.5	16.9	22.6	12.0	18.3	49.9	53.1	19.2	63.6	53.3	22.0	21.0
35 to 39 hours	6.5	7.6	7.4	5.5	12.9	6.4	6.6	4.7	5.1	6.9	4.1	9.2
40 hours	41.0	9.3	15.2	6.5	5.4	43.5	46.5	14.5	58.5	46.4	17.9	11.8
41 hours and over	35.0	55.9	46.3	66.9	47.8	33.2	30.6	16.8	23.9	32.5	58.5	34.6
41 to 47 hours	7.8	4.4	6.7	2.6	4.9	8.0	8.3	4.3	6.9	8.8	5.8	4.2
48 hours	6.8	4.0	4.5	4.0	2.8	7.0	7.1	3.0	5.5	7.5	6.6	4.3
49 hours and over	20.4	47.5	35.1	60.3	40.1	18.2	15.2	9.5	11.5	16.2	46.1	26.1
49 to 54 hours	7.0	7.6	7.2	7.5	8.6	6.9	6.4	3.1	4.1	6.9	11.8	6.9
55 to 59 hours	3.0	4.2	6.4	2.4	4.9	2.9	2.7	2.0	1.9	2.9	4.9	3.3
60 to 69 hours	5.3	13.1	10.1	17.3	8.9	4.7	3.8	1.5	2.7	4.1	13.8	5.3
70 hours and over	5.1	22.6	11.4	33.1	17.7	3.7	2.3	2.9	2.8	2.3	15.6	10.6
Average hours, total at work	41.4	48.2	42.1	54.5	44.3	40.9	40.2	24.9	40.8	41.0	47.5	39.4

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Employment status	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964
Total labor force	78,465	78,874	78,356	78,127	78,063	77,647	77,755	77,621	77,432	77,140	76,996	77,023	77,006
Civilian labor force	75,772	76,181	75,676	75,443	75,377	74,944	75,051	74,914	74,706	74,409	74,259	74,280	74,255
Employed	72,397	72,766	72,118	71,937	71,717	71,440	71,304	71,284	71,004	70,755	70,379	70,465	70,458
Agriculture	4,576	4,674	4,659	4,958	4,843	4,550	4,595	4,513	4,541	4,671	4,721	4,815	4,817
Nonagricultural industries	67,821	68,092	67,459	66,979	66,874	66,890	66,709	66,771	66,463	66,084	65,658	65,650	65,641
Unemployed	3,375	3,415	3,558	3,506	3,660	3,504	3,747	3,630	3,702	3,654	3,880	3,815	3,797

Table A-25: Seasonally adjusted rates of unemployment

Selected unemployment rates	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964
Total (all civilian workers)	4.5	4.5	4.7	4.6	4.9	4.7	5.0	4.8	5.0	4.9	5.2	5.1	5.1
Men, 20 years and over	3.2	3.1	3.2	3.3	3.4	3.3	3.6	3.5	3.5	3.5	4.0	3.8	3.7
20-24 years	5.8	5.8	7.2	6.9	7.1	6.3	6.9	7.1	6.8	7.5	9.1	8.6	8.1
25 years and over	2.8	2.8	2.7	2.8	3.0	3.0	3.2	3.1	3.1	3.0	3.4	3.2	3.2
Women, 20 years and over	4.5	4.3	4.8	4.3	4.6	4.6	5.1	4.5	4.7	5.0	5.1	5.0	5.0
Both sexes, 14-19 years	12.4	13.2	14.1	14.5	15.2	13.9	14.4	15.2	15.7	14.3	14.3	14.3	15.0
Married men (wife present)	2.6	2.3	2.4	2.5	2.5	2.5	2.6	2.7	2.6	2.4	2.9	2.8	2.6
Experienced wage and salary workers	4.2	4.2	4.7	4.2	4.5	4.3	4.6	4.5	4.5	4.7	5.0	4.9	4.9
Labor force time lost	5.1	5.2	5.5	5.1	5.3	5.1	5.4	5.3	5.3	5.2	5.7	5.7	5.7

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

(In thousands)

Duration of unemployment	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964
Less than 5 weeks	1,739	1,826	1,802	1,876	1,858	1,719	1,752	1,663	1,719	1,593	1,817	1,806	1,824
5 to 14 weeks	990	988	1,023	1,058	1,027	966	1,037	1,032	1,055	1,066	1,129	1,094	1,126
15 weeks and over:													
Number	705	659	806	696	809	800	905	823	889	932	933	924	910
Percent of civilian labor force . . . . .	.9	.9	1.1	.9	1.1	1.1	1.2	1.1	1.2	1.3	1.3	1.2	1.2

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

(In thousands)

Employment status, age and sex	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964
Civilian labor force	75,772	76,181	75,676	75,443	75,377	74,944	75,051	74,914	74,706	74,409	74,259	74,280	74,255
Men, 20 years and over	44,877	44,958	44,996	45,052	44,947	44,943	45,038	44,930	44,687	44,593	44,642	44,617	44,644
Women, 20 years and over	23,772	23,878	23,895	23,375	23,455	23,380	23,501	23,489	23,375	23,159	23,110	23,058	23,107
Both sexes, 14 to 19 years	7,123	7,345	6,785	7,016	6,975	6,621	6,512	6,495	6,644	6,657	6,507	6,605	6,504
Employed, all industries	72,397	72,766	72,118	71,937	71,717	71,440	71,304	71,284	71,004	70,755	70,379	70,465	70,458
Men, 20 years and over	43,456	43,544	43,542	43,579	43,415	43,438	43,345	43,345	43,125	43,050	42,862	42,901	42,976
Women, 20 years and over	22,703	22,846	22,750	22,362	22,387	22,299	22,314	22,434	22,277	22,000	21,942	21,904	21,953
Both sexes, 14 to 19 years	6,238	6,376	5,826	5,996	5,915	5,703	5,572	5,505	5,602	5,705	5,575	5,660	5,529
Employed, nonagricultural industries	67,821	68,092	67,459	66,979	66,874	66,890	66,709	66,771	66,463	66,084	65,658	65,650	65,641
Men, 20 years and over	40,282	40,342	40,262	40,213	40,135	40,265	40,182	40,159	39,954	39,818	39,540	39,542	39,608
Women, 20 years and over	21,952	22,097	22,011	21,526	21,570	21,572	21,553	21,674	21,502	21,230	21,224	21,161	21,190
Both sexes, 14 to 19 years	5,587	5,653	5,186	5,240	5,169	5,053	4,974	4,938	5,007	5,036	4,994	4,947	4,843
Unemployed	3,375	3,415	3,558	3,506	3,660	3,504	3,747	3,630	3,702	3,654	4,894	3,815	3,797
Men, 20 years and over	1,421	1,414	1,454	1,473	1,532	1,505	1,620	1,585	1,562	1,543	1,780	1,716	1,668
Women, 20 years and over	1,069	1,032	1,145	1,013	1,068	1,081	1,187	1,055	1,098	1,159	1,168	1,154	1,154
Both sexes, 14 to 19 years	885	969	959	1,020	1,060	918	940	990	1,042	952	932	945	975

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

(In thousands)

Full- or part-time status	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964
On full-time schedules	54,920	55,153	54,656	54,185	53,906	54,335	54,147	54,175	53,682	53,303	52,495	52,789	53,033
On part time for economic reasons	2,018	2,116	2,002	1,895	1,825	1,959	1,997	2,128	2,132	1,949	2,098	2,108	2,077
Usually work full time	955	977	966	950	818	877	952	1,000	1,044	897	961	953	900
Usually work part time	1,063	1,139	1,036	945	1,007	1,082	1,045	1,128	1,088	1,052	1,137	1,155	1,177
On part time for noneconomic reasons; usually work part time	7,705	7,926	7,931	7,411	7,193	7,219	7,138	7,338	7,351	7,178	7,332	6,899	7,344

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	4,211	5,944	2,808	3,137	
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341	
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582	
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787	
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948	
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098	
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087	
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188	
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340	
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563	
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727	
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069	
1957.....	52,894	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399	
1958.....	51,368	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,811	7,839	2,191	5,648	
1959.....	53,297	732	2,960	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.....	53,515	690	2,902	16,853	3,906	11,566	3,056	8,511	2,800	7,947	8,890	2,340	6,590	
1963.....	56,643	635	2,983	17,005	3,914	11,803	3,119	8,685	2,873	8,290	9,199	2,358	6,841	
1964.....	58,188	635	3,106	17,303	3,976	12,188	3,220	8,969	2,944	8,533	9,502	2,348	7,155	
1964:														
August...	58,680	647	3,482	17,498	4,043	12,201	3,266	8,935	2,998	8,676	9,135	2,356	6,779	
September	59,258	645	3,391	17,792	4,045	12,243	3,258	8,985	2,972	8,661	9,509	2,320	7,189	
October...	59,164	644	3,376	17,428	4,028	12,341	3,269	9,072	2,961	8,676	9,710	2,329	7,381	
November...	59,441	643	3,273	17,638	4,013	12,518	3,272	9,246	2,958	8,608	9,790	2,352	7,438	
December...	59,938	635	3,053	17,601	4,024	13,166	3,298	9,868	2,957	8,585	9,917	2,482	7,435	
1965:														
January...	58,271	619	2,837	17,456	3,880	12,275	3,254	9,021	2,949	8,515	9,740	2,323	7,417	
February...	58,398	616	2,756	17,538	3,933	12,209	3,252	8,957	2,960	8,564	9,822	2,319	7,503	
March....	58,847	615	2,865	17,643	3,985	12,262	3,260	9,002	2,973	8,623	9,881	2,326	7,555	
April.....	59,545	623	3,020	17,732	4,004	12,517	3,272	9,245	2,985	8,754	9,910	2,337	7,573	
May.....	60,058	632	3,245	17,826	4,041	12,528	3,286	9,242	3,002	8,859	9,925	2,338	7,587	
June.....	60,884	642	3,429	18,109	4,109	12,665	3,335	9,330	3,034	8,964	9,932	2,373	7,559	
July.....	60,736	644	3,499	18,096	4,120	12,655	3,373	9,282	3,069	9,029	9,624	2,407	7,217	
August...	61,070	645	3,606	18,299	4,135	12,681	3,402	9,279	3,069	9,013	9,622	2,410	7,212	

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

Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
TOTAL	61,070	60,736	60,884	58,680	58,418	-	-	-	-	-
MINING	645	644	642	647	646	-	506	504	508	508
METAL MINING	-	86.0	86.6	77.7	77.6	-	71.9	72.3	64.2	64.1
Iron ores.....	-	28.6	29.2	27.7	28.0	-	24.5	24.9	23.6	24.0
Copper ores.....	-	29.8	30.4	21.5	21.6	-	24.3	25.0	16.9	17.0
COAL MINING	-	136.3	138.6	142.8	142.9	-	118.6	121.1	125.6	126.0
Bituminous.....	-	125.1	128.5	131.5	131.6	-	108.6	112.2	115.6	115.9
CRUDE PETROLEUM AND NATURAL GAS	-	290.5	288.3	297.3	297.3	-	204.9	203.0	210.4	210.6
Crude petroleum and natural gas fields.....	-	160.0	158.9	165.0	165.1	-	90.9	90.0	94.5	94.8
Oil and gas field services.....	-	130.5	129.4	132.3	132.2	-	114.0	113.0	115.9	115.8
QUARRYING AND NONMETALLIC MINING	-	131.2	128.3	129.1	128.3	-	110.6	107.5	108.0	107.2
CONTRACT CONSTRUCTION	3,606	3,499	3,429	3,482	3,424	-	3,006	2,939	3,015	2,960
GENERAL BUILDING CONTRACTORS	-	1,103.3	1,078.5	1,095.3	1,073.4	-	951.2	927.8	956.9	937.1
HEAVY CONSTRUCTION	-	728.8	716.3	736.8	725.5	-	645.9	632.4	653.0	642.9
Highway and street construction.....	-	396.6	387.5	411.0	405.2	-	360.7	350.7	375.7	370.7
Other heavy construction.....	-	332.2	328.8	325.8	320.3	-	285.2	281.7	277.3	272.2
SPECIAL TRADE CONTRACTORS	-	1,666.4	1,634.2	1,649.5	1,624.9	-	1,409.0	1,378.7	1,405.2	1,380.3
MANUFACTURING	18,299	18,096	18,109	17,498	17,299	13,616	13,433	13,486	12,966	12,768
DURABLE GOODS	10,449	10,481	10,503	9,836	9,855	7,713	7,759	7,808	7,211	7,227
NONDURABLE GOODS	7,850	7,615	7,606	7,662	7,444	5,903	5,674	5,678	5,755	5,541
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	255.3	251.3	245.4	249.2	254.2	105.8	103.3	101.5	102.6	103.7
Ammunition, except for small arms.....	194.9	192.0	187.1	189.2	193.7	68.5	66.8	65.8	65.7	66.5
Sighting and fire control equipment.....	-	11.4	11.2	12.5	12.5	-	4.5	4.4	5.2	5.2
Other ordnance and accessories.....	49.0	47.9	47.1	47.5	48.0	32.8	32.0	31.3	31.7	32.0
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	630.6	624.7	621.2	625.0	623.3	565.0	559.9	556.6	560.8	560.1
Logging camps and logging contractors.....	97.9	97.0	93.9	97.4	96.5	92.5	91.9	88.8	92.6	91.3
Sawmills and planing mills.....	265.8	264.4	263.7	265.6	266.9	243.6	242.7	241.9	243.5	244.6
Sawmills and planing mills, general.....	-	228.1	226.7	229.6	230.9	-	209.6	208.1	210.7	211.7
Millwork, plywood, and related products.....	162.3	159.0	157.8	158.5	157.0	137.4	134.2	133.4	134.5	133.4
Millwork.....	-	69.5	69.1	71.0	70.8	-	56.4	56.2	58.0	57.7
Veneer and plywood.....	-	71.0	70.6	69.2	68.2	-	65.0	64.6	63.6	62.8
Wooden containers.....	36.4	37.2	38.3	36.8	37.5	32.8	33.6	34.4	33.2	34.1
Wooden boxes, shooks, and crates.....	-	29.1	29.9	28.9	29.4	-	26.2	27.0	26.2	26.8
Miscellaneous wood products.....	68.2	67.1	67.5	66.7	65.4	58.7	57.5	58.1	57.0	56.7

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				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Durable Goods--Continued</i>										
FURNITURE AND FIXTURES	430.6	419.8	422.5	408.5	400.8	359.3	348.8	351.4	340.8	333.3
Household furniture	313.2	305.1	308.8	298.0	292.2	269.0	261.1	264.4	256.4	250.6
Wood house furniture, upholstered	-	160.1	161.4	155.4	152.2	-	142.5	143.8	139.1	136.1
Wood house furniture, upholstered	-	75.6	76.2	73.6	71.2	-	63.1	63.4	61.7	59.2
Mattresses and bedspings	-	36.1	35.7	35.5	34.5	-	28.5	28.0	28.3	27.2
Office furniture	-	27.4	27.6	27.2	26.5	-	21.3	21.5	21.3	20.5
Partitions; office and store fixtures	-	41.1	40.0	39.1	37.8	-	30.7	29.9	29.2	28.0
Other furniture and fixtures	46.8	46.2	46.1	44.2	44.3	36.6	35.7	35.6	33.9	34.2
STONE, CLAY, AND GLASS PRODUCTS	654.2	647.4	639.9	640.3	635.7	530.0	522.9	517.2	519.0	513.5
Flat glass	-	34.9	33.1	32.5	32.1	-	27.8	26.5	26.0	25.7
Glass and glassware, pressed or blown	121.3	119.0	119.5	117.3	115.2	106.1	103.8	104.6	102.7	100.5
Glass containers	-	66.7	66.1	66.0	65.6	-	59.1	58.6	58.5	58.1
Pressed and blown glassware, n.e.c.	-	52.3	53.4	51.3	49.6	-	44.7	46.0	44.2	42.4
Cement, hydraulic	39.9	39.8	39.5	40.6	40.6	31.2	31.1	30.8	32.1	32.1
Structural clay products	70.8	70.8	69.9	70.6	70.2	60.2	60.2	59.3	60.2	59.7
Brick and structural clay tile	-	31.5	31.1	31.4	31.5	-	28.0	27.5	27.8	27.9
Pottery and related products	-	41.9	41.4	43.6	42.7	-	35.6	35.0	36.8	35.9
Concrete, gypsum, and plaster products	186.2	185.5	185.1	185.7	185.3	146.9	146.0	146.3	147.2	146.8
Other stone and mineral products	133.0	133.1	130.0	128.8	128.7	100.2	100.0	97.3	96.8	95.7
Abrasive products	-	25.5	25.2	24.5	24.3	-	16.7	16.6	15.7	15.3
PRIMARY METAL INDUSTRIES	1,312.7	1,314.0	1,317.0	1,241.2	1,234.6	1,072.8	1,074.1	1,080.1	1,009.1	1,003.0
Blasr furnace and basic steel products	681.1	682.3	682.2	641.3	636.8	559.7	561.0	562.8	526.3	522.5
Blasr furnaces, steel and rolling mills	-	608.4	606.3	569.4	564.9	-	502.9	502.4	469.6	465.7
Iron and steel foundries	224.6	225.7	227.5	213.1	211.9	192.1	193.3	195.3	182.1	181.0
Gray iron foundries	-	134.7	135.5	126.8	125.6	-	116.2	117.3	109.0	107.8
Malleable iron foundries	-	26.6	27.0	25.6	25.3	-	22.6	22.9	21.8	21.6
Steel foundries	-	64.4	65.0	60.7	61.0	-	54.5	55.1	51.3	51.6
Nonferrous smelting and refining	74.1	74.1	73.4	69.6	69.6	57.9	57.7	57.3	53.3	53.0
Nonferrous rolling, drawing, and extruding	191.5	191.9	193.5	184.5	184.4	146.3	146.8	148.6	139.4	139.2
Copper rolling, drawing, and extruding	-	45.9	46.9	46.2	46.6	-	35.0	36.1	35.1	35.1
Aluminum rolling, drawing, and extruding	-	61.9	62.1	61.0	60.4	-	47.6	47.9	46.3	45.7
Nonferrous wire drawing and insulating	-	64.6	65.0	59.1	59.0	-	50.5	51.0	45.5	45.7
Nonferrous foundries	78.8	76.8	77.3	74.0	73.2	66.4	64.4	65.1	61.6	60.7
Aluminum castings	-	37.9	38.1	36.7	37.1	-	32.3	32.7	30.9	31.2
Other nonferrous castings	-	38.9	39.2	37.3	36.1	-	32.1	32.4	30.7	29.5
Miscellaneous primary metal industries	62.6	63.2	63.1	58.7	58.7	50.4	50.9	51.0	46.4	46.6
Iron and steel forgings	-	43.7	43.9	40.6	40.5	-	35.8	36.1	32.6	32.7
FABRICATED METAL PRODUCTS	1,269.5	1,276.7	1,286.5	1,209.2	1,187.2	979.0	987.3	998.7	930.9	909.2
Metal cans	65.0	64.6	63.9	65.2	63.7	55.1	54.7	53.8	55.4	53.9
Cutlery, hand tools, and general hardware	151.7	151.2	156.5	144.6	138.5	118.6	118.1	123.9	113.2	107.4
Cutlery and hand tools, including saws	-	57.7	59.5	55.4	53.5	-	45.3	47.1	43.4	41.6
Hardware, n.e.c.	-	93.5	97.0	89.2	85.0	-	72.8	76.8	69.8	65.8
Heating equipment and plumbing fixtures	77.0	77.9	78.8	79.5	80.6	57.6	58.6	59.3	59.5	60.4
Sanitary ware and plumbers' brass goods	-	35.8	36.6	34.8	36.6	-	29.1	29.8	28.0	29.8
Heating equipment, except electric	-	42.1	42.2	44.7	44.0	-	29.5	29.5	31.5	30.6
Fabricated structural metal products	387.8	385.1	380.0	365.9	362.5	283.6	281.8	276.5	263.0	260.2
Fabricated structural steel	-	104.5	102.4	102.3	101.8	-	78.8	76.4	76.0	75.5
Metal doors, sash, frames, and trim	-	71.3	70.0	69.6	68.0	-	52.3	51.5	50.5	49.1
Fabricated plate work (boiler shops)	-	98.5	97.8	90.6	90.1	-	68.5	67.6	60.9	60.6
Sheet metal work	-	68.8	67.9	64.1	62.8	-	51.7	50.7	47.5	46.4
Architectural and miscellaneous metal work	-	42.0	41.9	39.3	39.8	-	30.5	30.3	28.1	28.6
Screw machine products, bolts, etc.	98.1	96.9	97.1	90.9	89.8	77.5	76.0	76.7	71.3	70.1
Screw machine products	-	41.8	41.6	38.3	37.7	-	35.2	35.3	32.1	31.4
Bolts, nuts, screws, rivets, and washers	-	55.1	55.5	52.6	52.1	-	40.8	41.4	39.2	38.7
Metal stampings	209.7	221.0	227.5	199.9	191.6	167.0	178.8	185.6	161.6	153.3
Coating, engraving, and allied services	78.2	77.7	78.5	75.7	73.9	65.2	64.1	65.6	63.8	62.1
Miscellaneous fabricated wire products	64.3	63.9	64.0	58.7	56.7	52.0	51.6	51.7	47.1	45.3
Miscellaneous fabricated metal products	137.7	138.4	140.2	128.8	129.9	102.4	103.6	105.6	96.0	96.5
Valves, pipe, and pipe fittings	-	83.0	83.8	75.7	77.1	-	60.0	60.9	54.6	55.4

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

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**ESTABLISHMENT DATA
EMPLOYMENT**

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Durable Goods--Continued</i>										
MACHINERY	1,743.0	1,736.4	1,731.0	1,617.3	1,618.0	1,215.8	1,211.2	1,213.0	1,117.8	1,120.0
Engines and turbines	90.5	89.6	89.6	86.6	86.1	61.5	60.8	60.8	58.0	57.4
Steam engines and turbines	-	32.6	32.8	32.7	32.8	-	18.7	18.8	18.1	18.2
Internal combustion engines, n.e.c.	-	57.0	56.8	53.9	53.3	-	42.1	42.0	39.9	39.2
Farm machinery and equipment	-	131.9	133.3	122.2	122.5	-	95.4	97.1	87.2	88.2
Construction and related machinery	249.8	249.3	246.3	235.0	234.9	171.6	171.2	168.9	160.5	160.4
Construction and mining machinery	-	134.8	133.6	129.8	129.7	-	95.6	94.7	91.8	91.8
Oil field machinery and equipment	-	37.9	37.5	35.4	35.2	-	26.0	25.6	24.1	23.9
Conveyors, hoists, and industrial cranes	-	37.4	36.2	33.1	33.0	-	24.8	23.9	21.7	21.7
Metalworking machinery and equipment	308.6	307.8	308.1	286.0	287.9	231.8	230.4	232.7	213.0	215.0
Machine tools, metal cutting types	-	79.0	77.8	71.1	71.2	-	54.7	54.3	49.1	49.2
Special dies, tools, jigs, and fixtures	-	103.5	104.8	96.2	98.7	-	85.0	86.8	78.3	81.0
Machine tool accessories	-	52.4	52.3	49.1	49.0	-	38.2	38.4	35.7	35.5
Miscellaneous metalworking machinery	-	72.9	73.2	69.6	69.0	-	52.5	53.2	49.9	49.3
Special industry machinery	185.7	185.2	184.4	174.7	175.6	127.5	127.6	127.6	119.3	119.8
Food products machinery	-	38.8	38.4	36.0	36.1	-	25.1	25.0	22.7	22.9
Textile machinery	-	41.6	41.9	38.1	38.3	-	32.5	32.7	29.3	29.5
General industrial machinery	272.3	270.5	269.5	252.0	250.9	183.1	182.2	182.3	167.7	166.4
Pumps; air and gas compressors	-	76.1	75.5	70.8	70.1	-	44.4	44.1	39.9	39.3
Ball and roller bearings	-	58.8	59.1	55.4	55.6	-	46.1	46.8	43.6	43.6
Mechanical power transmission goods	-	51.9	52.5	48.7	48.3	-	38.4	39.1	35.7	35.4
Office, computing, and accounting machines	188.4	184.5	181.7	167.3	166.7	108.3	105.3	104.7	95.1	94.9
Computing machines and cash registers	-	140.4	137.4	123.6	123.3	-	76.4	75.2	65.7	65.5
Service industry machines	112.2	113.9	114.1	103.6	105.5	78.6	80.2	80.5	70.4	72.7
Refrigeration, except home refrigerators	-	71.4	72.2	63.5	65.7	-	50.6	51.5	43.1	45.5
Miscellaneous machinery	205.0	203.7	204.0	189.9	187.9	159.2	158.1	158.4	146.6	145.2
ELECTRICAL EQUIPMENT AND SUPPLIES	1,671.2	1,657.9	1,658.8	1,544.7	1,531.0	1,141.8	1,131.9	1,136.8	1,037.2	1,021.8
Electric distribution equipment	186.1	184.7	182.6	173.7	172.9	125.5	124.4	123.2	116.2	114.8
Electric measuring instruments	-	60.7	60.6	56.6	56.8	-	39.4	39.6	36.5	36.5
Power and distribution transformers	-	48.3	46.7	45.1	44.6	-	34.0	32.6	31.7	31.3
Switchgear and switchboard apparatus	-	75.7	75.3	72.0	71.5	-	51.0	51.0	48.0	47.0
Electrical industrial apparatus	205.3	205.1	203.3	185.9	185.0	143.5	143.9	142.5	128.1	127.1
Motors and generators	-	111.9	110.6	100.1	100.0	-	79.5	78.6	69.7	69.6
Industrial controls	-	55.8	55.5	50.4	50.1	-	36.9	36.7	33.2	32.6
Household appliances	158.5	160.2	162.1	155.9	154.4	123.5	125.1	126.9	120.2	118.4
Household refrigerators and freezers	-	53.1	54.6	48.4	49.8	-	43.2	44.8	38.3	39.7
Household laundry equipment	-	26.0	23.5	25.8	24.9	-	20.1	17.8	19.9	18.9
Electric housewares and fans	-	33.6	36.6	34.1	32.6	-	26.1	28.8	26.1	24.6
Electric lighting and wiring equipment	162.9	163.9	165.4	154.7	153.2	126.2	127.0	128.8	120.3	119.0
Electric lamps	-	32.3	32.4	30.6	30.6	-	28.4	28.4	26.7	26.7
Lighting fixtures	-	57.3	58.7	55.8	54.2	-	43.9	45.4	43.3	41.7
Wiring devices	-	74.3	74.3	68.3	68.4	-	54.7	55.0	50.3	50.6
Radio and TV receiving sets	133.0	128.5	129.7	120.8	116.1	105.3	101.7	102.5	94.8	90.2
Communication equipment	425.5	420.4	418.7	400.7	400.5	212.8	210.6	210.4	198.6	197.8
Telephone and telegraph apparatus	-	124.7	124.5	111.9	111.5	-	85.4	85.6	75.1	74.7
Radio and TV communication equipment	-	295.7	294.2	288.8	289.0	-	125.2	124.8	123.5	123.1
Electronic components and accessories	302.2	297.8	298.2	263.8	257.1	230.2	225.2	226.6	192.9	185.7
Electron tubes	-	70.4	69.6	66.6	63.2	-	48.6	48.0	44.4	41.6
Electronic components, n.e.c.	-	227.4	228.6	197.2	193.9	-	176.6	178.6	148.5	144.1
Miscellaneous electrical equipment and supplies	97.7	97.3	98.8	89.2	91.8	74.8	74.0	75.9	66.1	68.8
Electrical equipment for engines	-	54.1	55.0	45.8	49.8	-	41.8	43.0	33.5	37.4
TRANSPORTATION EQUIPMENT	1,658.6	1,750.3	1,772.0	1,517.9	1,609.2	1,145.3	1,241.2	1,267.5	1,026.6	1,116.8
Motor vehicles and equipment	767.4	878.5	893.4	677.0	769.5	570.8	681.4	700.1	495.1	589.4
Motor vehicles	-	366.5	374.5	256.5	309.5	-	270.3	280.1	169.2	223.9
Passenger car bodies	-	71.9	72.0	34.4	59.4	-	58.6	59.1	22.2	47.4
Truck and bus bodies	-	37.6	38.0	34.5	35.8	-	30.5	31.2	28.0	29.1
Motor vehicle parts and accessories	-	377.7	383.2	328.1	341.3	-	302.6	309.7	257.7	271.0
Aircraft and parts	623.2	617.0	604.7	592.5	595.9	352.7	351.2	341.2	327.5	328.3
Aircraft	-	329.4	322.8	312.5	313.0	-	182.3	177.3	171.9	171.2
Aircraft engines and engine parts	-	185.3	180.5	182.4	186.0	-	100.7	96.0	92.6	95.3
Other aircraft parts and equipment	-	102.3	101.4	97.6	96.9	-	68.2	67.9	63.0	61.8
Ship and boat building and repairing	153.2	141.9	160.3	143.3	139.6	129.4	117.9	134.9	119.8	115.9
Ship building and repairing	-	116.0	132.9	119.9	115.1	-	96.0	111.7	100.8	96.2
Boat building and repairing	-	25.9	27.4	23.4	24.5	-	21.9	23.2	19.0	19.7
Railroad equipment	-	58.2	58.7	53.8	54.4	-	45.4	46.1	41.5	42.2
Other transportation equipment	-	54.7	54.9	51.3	49.8	-	45.3	45.2	42.7	41.0

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

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

Industry	(In thousands)					Production workers ¹				
	All employees									
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Durable Goods--Continued</i>										
INSTRUMENTS AND RELATED PRODUCTS	390.4	388.7	384.6	370.8	368.2	250.9	248.3	246.2	234.9	231.7
Engineering and scientific instruments	-	69.1	68.1	67.1	67.5	-	36.0	35.5	34.3	34.6
Mechanical measuring and control devices	100.3	100.2	99.7	96.7	96.1	65.9	65.5	65.3	63.5	62.8
Mechanical measuring devices	-	61.9	61.6	60.0	59.9	-	38.5	38.4	37.6	37.6
Automatic temperature controls	-	38.3	38.1	36.7	36.2	-	27.0	26.9	25.9	25.2
Optical and ophthalmic goods	48.4	47.4	47.8	44.9	44.7	34.9	33.9	34.2	32.0	31.8
Surgical, medical, and dental equipment	57.3	57.7	57.6	55.3	54.6	40.2	39.8	39.9	38.3	37.6
Photographic equipment and supplies	84.9	84.3	81.7	78.9	77.1	49.4	48.8	47.4	44.7	42.7
Watches and clocks	-	30.0	29.7	27.9	28.2	-	24.3	23.9	22.1	22.2
MISCELLANEOUS MANUFACTURING INDUSTRIES	433.1	414.0	423.9	411.9	393.1	346.8	329.7	339.4	331.3	313.6
Jewelry, silverware, and plated ware	45.7	43.1	46.0	45.3	43.2	35.8	33.5	36.0	35.7	33.9
Toys, amusement, and sporting goods	-	123.8	123.3	116.3	109.0	-	103.3	102.7	97.6	90.5
Toys, games, dolls, and play vehicles	-	83.5	81.5	77.9	69.6	-	70.6	68.5	67.4	59.1
Sporting and athletic goods, n.e.c.	-	40.3	41.8	38.4	39.4	-	32.7	34.2	30.2	31.4
Pens, pencils, office, and art materials	-	33.3	32.8	32.1	31.5	-	24.6	24.3	23.8	23.2
Costume jewelry, buttons, and notions	-	51.3	53.8	55.3	52.0	-	42.1	44.4	46.0	42.8
Other manufacturing industries	167.2	162.5	168.0	162.9	157.4	129.9	126.2	132.0	128.2	123.2
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	1,850.6	1,756.4	1,705.8	1,858.7	1,765.6	1,255.5	1,160.1	1,113.4	1,262.4	1,171.1
Meat products	311.1	308.9	304.7	318.5	315.3	247.9	245.3	241.4	255.6	252.6
Meat packing	-	193.1	192.6	198.2	198.2	-	148.5	148.1	154.6	154.7
Sausages and other prepared meats	-	44.7	44.6	46.4	46.5	-	32.0	32.0	33.6	33.6
Poultry dressing and packing	-	71.1	67.5	73.9	70.6	-	64.8	61.3	67.4	64.3
Dairy products	292.2	294.4	291.8	297.2	298.3	139.9	141.6	140.2	144.4	145.9
Ice cream and frozen desserts	-	34.3	33.6	35.1	35.5	-	19.3	18.8	19.9	20.3
Fluid milk	-	206.7	205.3	210.0	210.0	-	81.2	80.5	84.6	85.0
Canned and preserved food, except meats	-	273.8	229.3	347.4	264.3	-	232.3	188.3	306.2	224.6
Canned, cured, and frozen sea foods	-	48.5	44.3	48.1	46.2	-	43.3	39.1	43.2	41.3
Canned food, except sea foods	-	151.0	113.8	210.9	147.3	-	126.9	90.4	186.7	124.3
Frozen food, except sea foods	-	44.5	42.0	50.4	42.2	-	38.9	36.3	45.2	36.8
Grain mill products	128.3	125.8	127.1	130.0	128.1	89.4	87.2	88.9	91.7	89.9
Flour and other grain mill products	-	30.1	30.9	32.3	31.7	-	20.2	21.1	21.7	20.9
Prepared feeds for animals and fowls	-	57.0	57.1	59.5	59.6	-	38.6	39.0	41.4	41.2
Bakery products	284.1	286.0	285.0	291.3	292.2	166.2	166.7	165.7	168.4	168.9
Bread, cake, and perishable products	-	243.5	242.8	247.5	248.6	-	131.4	130.5	132.3	133.0
Biscuit, crackers, and pretzels	-	42.5	42.2	43.8	43.6	-	35.3	35.2	36.1	35.9
Sugar	-	30.5	30.8	33.2	32.0	-	23.6	23.6	26.1	24.9
Confectionery and related products	73.2	67.1	70.1	74.1	69.0	59.0	52.9	56.1	59.8	54.7
Candy and other confectionery products	-	53.5	56.7	59.7	54.5	-	43.2	46.5	49.3	44.1
Beverages	227.7	229.0	227.4	226.5	226.6	116.6	118.3	117.7	118.6	118.9
Malt liquors	-	64.6	64.6	65.0	65.7	-	43.3	43.1	44.3	44.9
Bottled and canned soft drinks	-	126.1	123.7	122.6	123.6	-	48.6	47.5	47.3	48.4
Miscellaneous food and kindred products	139.7	140.9	139.6	140.5	139.8	90.4	92.2	91.5	91.6	90.7
TOBACCO MANUFACTURES	86.1	72.9	73.3	93.6	76.2	74.6	61.8	62.2	82.1	64.9
Cigarettes	-	37.9	38.2	38.3	37.7	-	31.6	31.7	31.9	31.3
Cigars	-	21.5	22.5	25.0	24.6	-	19.9	21.0	23.6	23.2
TEXTILE MILL PRODUCTS	933.7	921.0	930.1	903.6	888.5	833.3	821.1	830.8	808.1	792.8
Cotton broad woven fabrics	233.7	233.4	233.6	229.4	228.6	214.2	214.2	214.5	211.1	210.2
Silk and synthetic broad woven fabrics	88.6	87.9	88.2	87.1	86.4	80.0	79.3	79.6	78.4	77.6
Weaving and finishing broad woolens	45.7	45.9	46.6	46.3	46.7	40.1	40.3	41.0	40.6	41.0
Narrow fabrics and small wares	31.1	29.5	30.8	29.0	28.4	27.7	26.2	27.4	25.6	25.0
Knitting	239.2	232.4	234.5	224.1	218.4	214.3	207.9	210.3	201.4	195.7
Full-fashioned hosiery	-	13.8	14.0	12.9	12.6	-	12.2	12.5	11.4	11.1
Seamless hosiery	-	84.6	84.8	83.9	81.4	-	77.7	77.9	77.2	74.7
Knit outerwear	-	73.4	75.1	70.4	67.9	-	64.0	65.7	62.0	59.5
Knit underwear	-	34.4	34.4	32.6	32.2	-	31.2	31.3	29.5	29.1
Finishing textiles, except wool and knit	76.1	76.0	77.9	77.3	76.2	64.8	64.6	66.1	66.4	65.4
Floor covering	-	37.2	37.4	37.0	35.6	-	30.3	30.7	30.4	29.2
Yarn and thread	112.2	109.8	111.0	107.3	102.5	104.0	101.3	102.9	99.4	94.3
Miscellaneous textile goods	69.1	68.9	70.1	66.1	65.7	57.3	57.0	58.3	54.8	54.4

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				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Nondurable Goods--Continued</i>										
APPAREL AND RELATED PRODUCTS	1,401.6	1,384.9	1,367.4	1,341.4	1,277.9	1,249.1	1,176.2	1,216.8	1,193.8	1,132.9
Men's and boys' suits and coats	119.0	110.3	118.7	114.3	105.6	107.0	98.5	106.6	102.2	94.1
Men's and boys' furnishings	368.7	355.2	363.8	343.8	333.9	335.0	321.6	330.9	312.2	301.9
Men's and boys' shirts and nightwear	-	130.9	131.5	124.8	122.9	-	118.7	119.6	113.4	111.0
Men's and boys' separate trousers	-	67.7	71.2	66.8	64.4	-	63.5	67.0	62.8	60.3
Work clothing	-	81.2	82.7	78.7	76.4	-	72.6	74.5	70.5	68.2
Women's, misses', and juniors' outerwear	422.7	395.0	406.9	408.9	386.6	380.3	354.2	364.5	366.7	345.5
Women's blouses, waists, and shirts	-	51.2	53.1	52.0	49.6	-	47.0	48.7	47.8	45.5
Women's, misses', and juniors' dresses	-	182.3	191.4	194.2	180.7	-	162.7	170.9	174.2	160.9
Women's suits, skirts, and coats	-	96.8	91.2	96.3	92.8	-	88.0	82.0	86.3	83.2
Women's and misses' outerwear, n.e.c.	-	64.7	71.2	66.4	63.5	-	56.5	62.9	58.4	55.9
Women's and children's undergarments	123.8	116.4	121.3	122.2	115.3	109.3	102.3	107.2	108.2	101.8
Women's and children's underwear	-	75.8	77.7	80.9	76.1	-	68.7	70.7	74.0	69.4
Corsets and allied garments	-	40.6	43.6	41.3	39.2	-	33.6	36.5	34.2	32.4
Hats, caps, and millinery	-	32.1	30.3	34.2	31.2	-	28.7	26.8	30.4	27.7
Girls' and children's outerwear	80.3	78.6	82.0	79.1	79.5	71.7	70.5	73.7	70.8	71.2
Children's dresses, blouses, and shirts	-	36.4	36.4	34.7	35.8	-	33.1	33.1	31.4	32.4
Fur goods and miscellaneous apparel	-	76.7	78.8	76.7	72.0	-	66.3	68.2	67.0	62.5
Miscellaneous fabricated textile products	170.3	160.6	165.6	162.2	153.8	143.4	134.1	138.9	136.3	128.2
Housefurnishings	-	55.3	55.5	57.8	54.3	-	46.6	46.8	48.7	45.2
PAPER AND ALLIED PRODUCTS	655.4	648.2	646.9	638.2	631.1	513.1	505.3	505.6	498.8	492.0
Paper and pulp	223.3	222.6	221.2	221.6	220.6	179.2	177.8	176.2	176.7	176.0
Paperboard	66.1	67.3	67.6	66.4	65.7	52.7	53.8	54.2	53.0	52.1
Converted paper and paperboard products	161.3	158.4	156.7	155.1	153.0	118.2	115.5	115.1	114.2	112.3
Bags, except textile bags	-	34.7	34.5	35.7	34.8	-	27.6	27.5	28.5	27.7
Paperboard containers and boxes	204.7	199.9	201.4	195.1	191.8	163.0	158.2	160.1	154.9	151.6
Folding and setup paperboard boxes	-	66.4	67.5	66.4	63.6	-	54.4	55.2	54.6	51.9
Corrugated and solid fiber boxes	-	87.2	87.6	83.7	83.3	-	66.9	67.8	64.4	63.9
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	981.1	979.7	976.5	952.7	950.0	621.5	619.8	618.0	602.5	599.2
Newspaper publishing and printing	349.3	350.5	349.2	338.2	338.6	176.9	177.3	176.8	170.3	170.0
Periodical publishing and printing	-	67.6	67.3	67.2	66.4	-	23.8	23.7	25.1	24.6
Books	-	77.6	77.1	74.2	74.5	-	47.8	47.4	45.1	45.4
Commercial printing	311.0	310.2	310.5	304.6	303.7	243.0	242.0	242.7	237.8	236.9
Commercial printing, except lithographic	-	205.4	205.8	203.1	202.6	-	162.1	162.8	160.3	159.6
Commercial printing, lithographic	-	93.6	93.2	90.4	90.0	-	71.0	70.8	68.6	68.4
Bookbinding and related industries	55.2	54.6	53.9	52.0	51.7	45.3	44.9	43.9	42.2	41.7
Other publishing and printing industries	119.3	119.2	118.5	116.5	115.1	84.2	84.0	83.5	82.0	80.6
CHEMICALS AND ALLIED PRODUCTS	918.5	913.7	903.6	886.4	883.8	551.6	548.0	544.2	532.0	530.1
Industrial chemicals	290.3	289.5	285.9	288.7	288.6	165.5	164.9	163.6	164.9	165.2
Plastics and synthetics, except glass	206.7	205.2	203.0	189.3	187.9	139.5	138.2	137.7	126.8	125.7
Plastics and synthetics, except fibers	-	89.7	89.8	85.8	85.4	-	56.4	57.4	54.4	54.0
Synthetic fibers	-	101.3	99.0	89.5	88.7	-	72.4	70.9	63.0	62.3
Drugs	118.8	118.5	112.9	113.0	113.1	62.5	62.5	58.1	59.6	59.8
Pharmaceutical preparations	-	88.1	82.4	83.2	83.6	-	45.0	40.4	42.2	42.5
Soap, cleaners, and toilet goods	102.0	100.9	100.5	99.9	97.9	62.6	61.6	61.4	61.5	59.7
Soap and detergents	-	34.6	34.2	35.9	35.3	-	23.9	23.4	25.1	24.6
Toilet preparations	-	36.3	36.4	35.5	34.1	-	21.9	22.3	22.0	20.6
Paints, varnishes, and allied products	68.6	68.2	67.7	66.9	67.0	38.7	38.6	38.3	38.3	38.3
Agricultural chemicals	48.8	49.4	52.3	47.8	48.0	30.3	30.9	33.9	30.4	30.2
Fertilizers, complete and mixing only	-	36.2	39.0	34.8	34.6	-	24.1	26.9	23.5	23.0
Other chemical products	83.3	82.0	81.3	80.8	81.3	52.5	51.3	51.2	50.5	51.2
PETROLEUM REFINING AND RELATED INDUSTRIES	188.5	187.6	185.7	189.6	189.7	117.1	116.6	115.4	118.5	118.5
Petroleum refining	151.3	150.7	149.8	152.9	153.1	91.0	90.7	90.1	92.3	92.5
Other petroleum and coal products	37.2	36.9	35.9	36.7	36.6	26.1	25.9	25.3	26.2	26.0
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	467.7	453.0	457.0	435.3	425.1	364.0	350.9	354.6	336.7	326.2
Tires and inner tubes	102.8	99.3	99.4	99.3	98.9	73.7	70.7	70.6	71.0	70.6
Other rubber products	173.8	170.1	173.2	164.2	162.1	136.6	133.7	136.8	128.4	126.2
Miscellaneous plastic products	191.1	183.6	184.4	171.8	164.1	153.7	146.5	147.2	137.3	129.4
LEATHER AND LEATHER PRODUCTS	366.6	357.3	360.1	362.6	356.1	323.1	314.2	317.0	319.8	313.4
Leather tanning and finishing	32.3	31.6	31.8	32.3	31.9	28.2	27.6	27.7	28.2	27.9
Footwear, except rubber	243.4	240.6	240.5	241.0	238.5	216.7	214.2	214.1	214.5	211.9
Other leather products	90.9	85.1	87.8	89.3	85.7	78.2	72.4	75.2	77.1	73.6

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

	(In thousands)									
	All employees					Production workers ¹				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
TRANSPORTATION AND PUBLIC UTILITIES	4,135	4,120	4,109	4,043	4,031	-	-	-	-	-
RAILROAD TRANSPORTATION	-	749.9	748.2	770.2	771.0	-	-	-	-	-
Class I railroads ²	-	652.5	650.8	677.1	678.6	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT	-	254.6	271.7	260.2	261.5	-	-	-	-	-
Local and suburban transportation	-	85.7	86.3	85.9	86.0	-	81.2	81.6	81.6	81.7
Taxicabs	-	101.4	107.4	106.0	106.7	-	-	-	-	-
Intercity and rural bus lines	-	44.6	42.6	45.4	45.4	-	40.6	39.5	42.1	42.3
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	1,027.7	1,018.5	977.2	971.0	-	938.7	929.1	888.3	881.8
AIR TRANSPORTATION	-	232.6	229.0	215.7	214.7	-	-	-	-	-
Air transportation, common carriers	-	211.1	208.3	195.6	194.8	-	-	-	-	-
PIPELINE TRANSPORTATION	-	20.2	20.1	20.8	20.7	-	17.0	16.9	17.5	17.5
OTHER TRANSPORTATION	-	308.1	315.1	313.6	308.2	-	-	-	-	-
COMMUNICATION	-	898.2	881.4	860.3	858.1	-	-	-	-	-
Telephone communication	-	750.7	735.2	716.5	714.7	-	601.9	587.5	575.9	574.9
Telegraph communication ³	-	31.1	30.9	31.9	32.4	-	21.3	21.5	22.5	22.8
Radio and television broadcasting	-	111.5	110.4	107.0	106.1	-	90.6	89.8	87.1	86.5
ELECTRIC, GAS, AND SANITARY SERVICES	-	629.0	624.7	624.9	625.3	-	549.4	545.3	547.7	546.1
Electric companies and systems	-	258.0	255.1	253.5	253.6	-	219.8	217.0	216.0	216.3
Gas companies and systems	-	151.9	154.3	154.9	155.1	-	133.8	136.2	138.4	136.6
Combined utility systems	-	179.9	176.6	177.6	177.6	-	161.3	158.3	159.4	159.4
Water, steam, and sanitary systems	-	39.2	38.7	38.9	39.0	-	34.5	33.8	33.9	33.8
WHOLESALE AND RETAIL TRADE⁴	12,681	12,655	12,665	12,201	12,173	-	9,516	9,522	9,172	9,153
WHOLESALE TRADE	3,402	3,373	3,335	3,266	3,245	-	2,871	2,835	2,788	2,769
Motor vehicles and automotive equipment	-	251.7	250.0	246.2	244.9	-	212.0	210.3	207.2	206.3
Drugs, chemicals, and allied products	-	196.7	195.6	191.1	191.5	-	163.3	161.9	158.6	158.3
Dry goods and apparel	-	141.9	140.6	138.1	137.3	-	115.7	114.7	114.1	113.4
Groceries and related products	-	539.5	531.2	520.4	524.7	-	475.4	468.7	459.4	464.4
Electrical goods	-	257.0	252.8	241.7	240.7	-	215.6	211.9	201.9	201.5
Hardware, plumbing, and heating goods	-	153.2	151.3	149.4	149.1	-	130.5	128.9	127.9	127.8
Machinery, equipment, and supplies	-	593.8	590.1	566.6	565.1	-	504.1	500.3	481.7	480.3
RETAIL TRADE⁴	9,279	9,282	9,330	8,935	8,928	-	6,645	6,687	6,384	6,384
GENERAL MERCHANDISE STORES	-	1,785.5	1,801.2	1,697.9	1,693.7	-	1,631.7	1,647.3	1,548.0	1,546.0
Department stores	-	1,103.4	1,112.5	1,035.2	1,035.0	-	1,009.1	1,019.3	945.6	946.7
Limited price variety stores	-	285.9	297.4	291.5	291.0	-	265.7	277.1	268.5	268.3
FOOD STORES	-	1,466.7	1,472.2	1,407.8	1,412.1	-	1,360.5	1,366.8	1,310.0	1,314.8
Grocery, meat, and vegetable stores	-	1,294.7	1,298.4	1,245.0	1,248.6	-	1,198.3	1,202.6	1,155.4	1,159.5
APPAREL AND ACCESSORIES STORES	-	622.4	646.0	605.3	603.9	-	558.4	582.1	544.6	543.3
Men's and boys' apparel stores	-	106.6	109.4	99.6	99.5	-	95.6	98.5	89.9	89.6
Women's ready-to-wear stores	-	229.9	237.0	228.5	224.8	-	207.5	215.0	206.8	203.6
Family clothing stores	-	97.4	100.5	93.7	95.8	-	90.3	93.3	87.3	88.8
Shoe stores	-	116.7	120.3	115.5	114.7	-	101.3	105.0	100.5	99.7
FURNITURE AND APPLIANCE STORES	-	413.9	412.0	396.3	394.7	-	365.4	363.9	351.5	349.4
EATING AND DRINKING PLACES	-	1,906.0	1,911.1	1,857.1	1,853.0	-	-	-	-	-
OTHER RETAIL TRADE	-	3,087.9	3,087.5	2,970.3	2,970.7	-	2,728.8	2,727.3	2,629.6	2,630.8
Motor vehicle dealers	-	739.9	735.3	704.1	704.5	-	640.1	636.0	609.9	609.6
Other vehicle and accessory dealers	-	180.1	180.9	172.1	171.7	-	157.3	157.7	149.3	148.6
Drug stores	-	407.6	406.8	390.4	389.0	-	373.3	371.8	358.2	357.5

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

**ESTABLISHMENT DATA
EMPLOYMENT**

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
FINANCE, INSURANCE, AND REAL ESTATE	3,069	3,069	3,034	2,998	2,998	-	-	-	-	-
Banking	-	791.7	781.3	774.5	773.8	-	665.5	655.0	654.3	653.7
Credit agencies other than banks	-	339.4	334.9	321.9	321.9	-	-	-	-	-
Savings and loan associations	-	99.3	97.1	96.2	96.7	-	-	-	-	-
Personal credit institutions	-	182.0	180.5	169.2	168.7	-	-	-	-	-
Security dealers and exchanges ²	-	132.0	129.9	129.1	129.1	-	116.7	114.6	114.6	114.8
Insurance carriers ³	-	902.6	892.4	895.8	893.2	-	637.6	629.3	642.7	641.7
Life insurance ³	-	475.0	470.3	474.8	472.2	-	273.1	270.2	281.9	280.8
Accident and health insurance ³	-	56.8	56.2	55.8	55.8	-	48.3	47.7	47.6	47.6
Fire, marine, and casualty insurance ³	-	323.2	319.3	319.1	318.8	-	275.8	271.9	274.0	273.8
Insurance agents, brokers, and services	-	235.6	232.5	229.0	228.6	-	-	-	-	-
Real estate	-	586.0	582.4	568.0	571.7	-	-	-	-	-
Operative builders	-	46.8	46.5	45.3	46.2	-	-	-	-	-
Other finance, insurance, and real estate	-	81.2	80.6	79.3	79.4	-	-	-	-	-
SERVICES AND MISCELLANEOUS	9,013	9,029	8,964	8,676	8,698	-	-	-	-	-
Hotel and lodging places	-	764.7	689.4	735.4	733.2	-	-	-	-	-
Hotels, tourist courts, and motels	-	650.1	624.3	618.9	618.6	-	609.8	584.6	581.5	579.5
Personal services:										
Laundries, cleaning and dyeing plants	-	555.8	557.3	542.1	546.8	-	499.7	500.1	483.3	488.0
Miscellaneous business services:										
Advertising	-	114.2	113.0	110.6	110.2	-	-	-	-	-
Motion pictures	-	193.6	185.4	188.5	186.1	-	-	-	-	-
Motion picture filming and distributing	-	51.4	46.3	46.1	44.1	-	31.7	29.2	29.5	28.1
Motion picture theaters and services	-	142.2	139.1	142.4	142.0	-	-	-	-	-
Medical services:										
Hospitals	-	1,423.6	1,410.3	1,367.0	1,370.7	-	-	-	-	-
GOVERNMENT	9,622	9,624	9,932	9,135	9,149	-	-	-	-	-
FEDERAL GOVERNMENT⁴	2,410	2,407	2,373	2,356	2,355	-	-	-	-	-
Executive	-	2,375.1	2,341.6	2,325.5	2,324.7	-	-	-	-	-
Department of Defense	-	951.3	940.5	938.5	938.4	-	-	-	-	-
Post Office Department	-	604.1	593.9	591.6	586.5	-	-	-	-	-
Other agencies	-	819.7	807.2	795.4	799.8	-	-	-	-	-
Legislative	-	26.4	25.9	25.0	24.9	-	-	-	-	-
Judicial	-	5.8	5.9	5.7	5.8	-	-	-	-	-
STATE AND LOCAL GOVERNMENT	7,212	7,217	7,559	6,779	6,794	-	-	-	-	-
State government	-	1,918.4	1,961.5	1,790.1	1,792.9	-	-	-	-	-
State education	-	581.5	653.8	507.2	521.5	-	-	-	-	-
Other State government	-	1,336.9	1,307.7	1,282.9	1,271.4	-	-	-	-	-
Local government	-	5,298.5	5,597.4	4,988.4	5,001.3	-	-	-	-	-
Local education	-	2,678.2	3,044.8	2,466.8	2,476.5	-	-	-	-	-
Other local government	-	2,620.3	2,552.6	2,521.6	2,524.8	-	-	-	-	-

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.

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

³Data for nonsupervisory workers exclude messengers.

⁴Data for nonsupervisory workers exclude eating and drinking places.

⁵Data for nonoffice salesmen excluded from nonsupervisory count.

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

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

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	60.8	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	69.3	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	95.8	97.5	98.4	98.3	98.5	99.6	98.8	99.9	99.0	100.3
1959.....	101.5	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.2	103.0	100.9	103.9
1960.....	103.2	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.3	106.5	102.5	108.0
1961.....	102.8	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	110.4	109.5	102.9	112.1
1962.....	105.7	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	115.3	113.3	105.7	116.3
1963.....	107.9	82.5	103.3	102.5	96.0	108.1	107.7	108.2	113.6	119.4	117.2	106.5	121.5
1964.....	110.8	82.5	107.6	104.2	97.5	111.6	111.2	111.8	116.4	123.8	121.1	106.1	127.0
1964: August...	111.0	82.3	107.5	104.5	98.1	112.0	111.3	112.2	116.6	124.4	120.7	105.1	126.8
September	111.3	82.3	106.7	105.1	98.3	112.0	111.4	112.2	117.0	124.7	121.2	104.8	127.6
October...	111.2	82.9	107.6	103.5	98.0	112.4	111.6	112.7	117.2	125.3	122.3	105.3	129.0
November...	112.1	83.0	109.5	105.5	98.1	112.7	112.1	113.0	117.4	125.3	123.1	106.3	129.7
December...	112.7	82.7	112.4	106.2	98.6	113.2	112.5	113.4	117.6	125.6	123.5	106.2	130.3
1965: January..	113.0	82.2	112.1	106.7	96.6	114.0	112.9	114.4	117.7	126.1	123.7	105.8	130.8
February...	113.6	82.5	113.6	107.1	98.1	114.8	113.5	115.2	118.1	126.7	124.2	105.5	131.5
March.....	114.2	82.2	114.4	107.5	99.2	115.6	114.1	116.1	118.5	127.0	124.8	105.7	132.3
April.....	114.1	81.7	110.4	107.8	99.2	115.0	114.6	115.2	118.5	127.1	125.4	105.9	133.0
May.....	114.5	81.7	111.1	107.9	99.5	115.7	115.0	116.0	118.8	127.6	125.7	105.9	133.5
June.....	115.0	81.8	111.5	108.7	99.8	116.0	115.7	116.1	119.1	127.9	126.4	106.2	134.4
July.....	115.4	82.7	110.0	109.3	99.9	116.4	116.0	116.5	119.3	128.9	126.8	107.2	134.5
August...	115.6	82.1	111.3	109.4	100.3	116.4	116.0	116.6	119.4	129.2	127.2	107.5	134.9

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

Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964
TOTAL	60,711	60,589	60,382	60,110	59,913	59,992	59,676	59,334	59,206	58,878	58,382	58,458	58,301
MINING	632	637	630	629	629	633	635	633	637	639	638	634	634
CONTRACT CONSTRUCTION	3,214	3,175	3,220	3,207	3,186	3,304	3,281	3,235	3,244	3,162	3,106	3,080	3,103
MANUFACTURING	18,155	18,147	18,045	17,915	17,896	17,849	17,772	17,705	17,622	17,505	17,171	17,449	17,339
DURABLE GOODS	10,511	10,519	10,426	10,320	10,311	10,259	10,210	10,150	10,088	9,992	9,702	9,986	9,886
Ordnance and accessories	256	251	247	245	241	242	242	243	242	245	247	248	250
Lumber and wood products	600	600	594	595	599	608	604	597	598	595	591	593	595
Furniture and fixtures	425	425	424	423	423	422	418	415	413	409	407	405	403
Stone, clay, and glass products	630	629	622	621	624	628	623	623	620	618	616	620	617
Primary metal industries	1,314	1,326	1,304	1,272	1,280	1,278	1,278	1,277	1,271	1,269	1,253	1,258	1,242
Fabricated metal products	1,269	1,286	1,276	1,266	1,265	1,237	1,260	1,242	1,232	1,223	1,179	1,223	1,208
Machinery	1,752	1,738	1,716	1,699	1,691	1,687	1,674	1,672	1,665	1,643	1,644	1,643	1,625
Electrical equipment	1,673	1,678	1,667	1,651	1,640	1,626	1,610	1,597	1,588	1,572	1,560	1,558	1,546
Transportation equipment	1,784	1,775	1,770	1,752	1,748	1,733	1,706	1,696	1,671	1,646	1,429	1,667	1,632
Instruments and related products	388	392	385	378	379	378	378	374	374	371	368	369	369
Miscellaneous manufacturing	420	419	421	418	421	420	417	414	414	411	408	402	399
NONDURABLE GOODS	7,644	7,628	7,619	7,595	7,585	7,590	7,562	7,555	7,534	7,513	7,469	7,463	7,453
Food and kindred products	1,719	1,710	1,708	1,720	1,712	1,735	1,734	1,741	1,743	1,737	1,717	1,716	1,726
Tobacco manufactures	77	86	85	85	85	85	84	86	88	92	90	82	83
Textile mill products	925	927	923	922	924	921	917	914	909	904	899	899	895
Apparel and related products	1,370	1,358	1,382	1,361	1,357	1,347	1,340	1,344	1,333	1,329	1,319	1,317	1,311
Paper and allied products	648	649	643	641	641	639	637	635	634	635	634	632	631
Printing and publishing	982	985	978	973	973	971	967	964	962	956	955	956	954
Chemicals and allied products	912	909	901	895	893	894	890	887	885	882	878	881	879
Petroleum and related products	185	185	183	181	183	184	184	184	185	185	187	185	185
Rubber and plastic products	468	461	457	456	458	453	450	442	438	436	433	439	435
Leather and leather products	358	358	359	361	359	361	359	358	357	357	357	356	354
TRANSPORTATION AND PUBLIC UTILITIES	4,090	4,071	4,068	4,057	4,044	4,042	3,997	3,939	4,020	3,997	3,996	4,005	3,999
WHOLESALE AND RETAIL TRADE	12,712	12,707	12,673	12,636	12,563	12,622	12,532	12,447	12,362	12,311	12,278	12,229	12,231
WHOLESALE TRADE	3,358	3,360	3,352	3,329	3,318	3,303	3,288	3,270	3,259	3,246	3,233	3,226	3,224
RETAIL TRADE	9,354	9,347	9,321	9,307	9,245	9,319	9,244	9,177	9,103	9,065	9,045	9,003	9,007
FINANCE, INSURANCE, AND REAL ESTATE	3,021	3,018	3,013	3,005	2,997	2,997	2,987	2,979	2,975	2,970	2,964	2,960	2,951
SERVICE AND MISCELLANEOUS	8,906	8,887	8,814	8,797	8,763	8,754	8,730	8,689	8,654	8,634	8,633	8,592	8,573
GOVERNMENT	9,981	9,947	9,919	9,864	9,835	9,791	9,742	9,707	9,692	9,660	9,596	9,509	9,471
FEDERAL	2,381	2,374	2,352	2,345	2,344	2,340	2,335	2,342	2,352	2,354	2,331	2,320	2,328
STATE AND LOCAL	7,600	7,573	7,567	7,519	7,491	7,451	7,407	7,365	7,340	7,306	7,265	7,189	7,143

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

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

Major industry group	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964
MANUFACTURING	13,511	13,510	13,428	13,321	13,318	13,298	13,227	13,168	13,099	12,993	12,661	12,956	12,847
DURABLE	7,792	7,808	7,731	7,644	7,649	7,615	7,570	7,518	7,467	7,376	7,089	7,377	7,279
Ordnance and accessories	107	104	103	101	99	100	101	100	100	102	102	103	104
Lumber and wood products, except furniture ...	535	535	529	531	535	544	540	533	536	532	528	530	531
Furniture and fixtures	353	354	352	352	353	352	348	345	344	340	339	338	335
Stone, clay, and glass products	508	506	500	500	504	508	503	503	501	500	498	500	498
Primary metal industries	1,076	1,089	1,068	1,037	1,043	1,047	1,046	1,044	1,041	1,038	1,022	1,026	1,012
Fabricated metal products	980	997	987	981	982	957	979	964	951	933	901	945	932
Machinery	1,228	1,216	1,200	1,186	1,180	1,179	1,168	1,166	1,165	1,145	1,146	1,149	1,129
Electrical equipment and supplies	1,145	1,153	1,145	1,130	1,125	1,113	1,099	1,086	1,078	1,065	1,053	1,049	1,040
Transportation equipment	1,276	1,268	1,265	1,251	1,247	1,237	1,212	1,207	1,181	1,156	942	1,180	1,145
Instruments and related products	250	252	246	240	243	241	240	238	237	235	232	234	234
Miscellaneous manufacturing industries	334	334	336	335	338	337	334	332	333	330	326	323	319
NONDURABLE GOODS	5,719	5,702	5,697	5,677	5,669	5,683	5,657	5,650	5,632	5,617	5,572	5,579	5,568
Food and kindred products	1,137	1,123	1,121	1,131	1,124	1,147	1,144	1,150	1,154	1,151	1,132	1,133	1,142
Tobacco manufactures	66	74	73	73	73	72	73	74	76	80	78	71	72
Textile mill products	824	826	824	822	824	824	820	817	812	808	803	803	799
Apparel and related products	1,219	1,209	1,233	1,211	1,207	1,199	1,192	1,196	1,186	1,181	1,173	1,173	1,165
Paper and allied products	507	507	501	499	501	500	498	495	495	496	494	494	493
Printing, publishing, and allied industries	623	625	619	618	617	616	615	611	610	605	604	606	604
Chemicals and allied products	550	549	542	539	538	539	537	536	532	530	526	530	530
Petroleum refining and related industries	114	115	113	111	113	114	112	113	113	114	116	116	115
Rubber and miscellaneous plastic products	364	359	355	354	356	354	350	343	339	337	334	340	337
Leather and leather products	315	315	316	319	316	318	316	315	315	315	312	313	311

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

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ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
1	ALABAMA.....	867.6	869.3	841.5	7.7	8.4	8.8	51.7	50.5	52.1	276.3	276.4	259.9
2	Birmingham.....	213.2	214.5	205.8	3.6	4.4	4.5	12.0	11.9	12.1	67.1	67.6	62.2
3	Huntsville.....	73.7	73.4	68.6	(1)	(1)	(1)	5.1	5.0	5.5	13.6	13.6	11.5
4	Mobile.....	104.4	105.4	102.4	(1)	(1)	(1)	6.1	6.2	7.1	22.1	21.7	19.6
5	ALASKA 2.....	80.7	76.4	74.8	1.2	1.2	1.3	9.6	8.6	8.5	11.6	9.5	10.1
6	ARIZONA.....	400.8	405.1	381.0	14.8	15.5	14.1	18.0	25.5	28.8	62.9	63.6	58.5
7	Phoenix.....	228.6	231.7	218.8	.1	.2	.1	11.3	14.7	17.0	47.2	47.8	43.6
8	Tucson.....	74.1	78.1	73.8	3.3	3.3	3.3	3.2	5.3	6.1	6.4	6.4	6.6
9	ARKANSAS.....	457.2	452.9	430.3	4.8	4.8	4.8	29.1	28.3	29.7	131.9	131.0	126.0
10	Fayetteville.....	19.3	19.2	17.0	(1)	(1)	(1)	1.1	1.1	1.1	6.2	6.2	4.9
11	Fort Smith.....	35.9	36.0	37.3	.5	.5	.5	1.8	1.8	2.8	12.4	12.4	11.7
12	Little Rock-North	97.8	97.1	94.2	(1)	(1)	(1)	7.8	7.4	7.9	18.8	18.8	17.9
13	Pine Bluff.....	20.9	20.9	20.1	(1)	(1)	(1)	1.3	1.3	1.2	5.6	5.6	5.3
14	CALIFORNIA.....	5,787.2	5,795.4	5,614.2	30.9	29.7	30.6	303.9	348.4	349.0	1,423.3	1,391.6	1,400.4
	Anaheim-Santa												
15	Ana-Garden Grove.....	292.8	296.8	275.5	1.8	1.8	1.7	21.5	26.4	25.7	95.9	94.9	89.9
16	Bakersfield.....	82.1	83.0	78.8	7.8	7.8	7.4	2.9	3.6	3.8	8.4	8.3	7.5
17	Fresno.....	101.8	99.7	99.3	1.1	1.1	1.2	5.4	5.4	5.6	16.5	15.6	15.5
18	Los Angeles-Long Beach...	2,474.1	2,489.9	2,423.5	10.0	10.0	10.1	109.6	134.4	131.0	761.4	753.5	750.7
19	Sacramento.....	230.0	226.5	223.6	.4	.3	.3	14.6	14.0	15.6	30.5	27.5	34.5
	San Bernardino-Riverside-												
20	Ontario.....	237.1	239.9	226.8	1.7	1.0	1.5	14.4	17.2	17.6	41.9	40.7	39.7
21	San Diego.....	267.0	265.2	260.1	.4	.4	.4	14.8	14.8	15.8	48.8	48.4	49.3
22	San Francisco-Oakland....	1,077.6	1,084.7	1,050.0	2.0	2.0	2.0	55.7	66.3	66.4	197.6	194.5	196.4
23	San Jose.....	273.8	268.2	263.8	.1	.1	.1	19.1	20.3	20.1	90.0	82.2	88.7
24	Stockton.....	71.8	72.1	68.9	.1	.1	.1	3.8	3.8	4.4	15.2	13.9	13.9
25	Vallejo-Napa.....	55.9	56.3	53.4	.2	.2	.2	2.3	2.8	2.7	5.8	5.6	5.6
26	COLORADO.....	600.0	589.3	582.7	12.5	12.4	11.9	41.6	39.7	40.9	89.7	87.5	91.2
27	Denver.....	377.5	371.4	373.0	3.3	3.3	3.2	25.4	23.7	23.8	62.7	61.4	65.9
28	CONNECTICUT.....	1,010.7	1,025.6	996.4	(3)	(3)	(3)	50.8	49.4	56.7	421.6	436.1	416.8
29	Bridgeport.....	135.2	136.0	133.9	(3)	(3)	(3)	6.2	5.8	6.3	69.1	69.9	68.7
30	Hartford.....	267.9	267.7	258.6	(3)	(3)	(3)	12.6	12.8	13.0	98.1	97.4	92.2
31	New Britain.....	41.9	42.2	41.2	(3)	(3)	(3)	2.1	2.0	1.8	23.4	23.7	23.5
32	New Haven.....	140.8	140.2	134.1	(3)	(3)	(3)	9.3	9.0	8.9	45.4	45.0	41.7
33	Stamford.....	66.2	65.6	64.5	(3)	(3)	(3)	4.0	3.9	3.8	22.4	22.1	22.1
34	Waterbury.....	70.6	70.9	68.0	(3)	(3)	(3)	2.6	2.4	2.5	37.9	38.2	36.1
35	DELAWARE.....	179.1	179.0	173.5	(1)	(1)	(1)	14.1	13.8	14.3	66.7	67.0	62.5
36	Wilmington.....	163.8	163.0	158.4	(1)	(1)	(1)	11.8	11.5	11.1	64.7	64.5	62.2
37	DISTRICT OF COLUMBIA 4....	626.7	622.8	603.9	(1)	(1)	(1)	28.1	27.7	28.0	21.0	20.7	20.0
38	Washington SMSA.....	934.0	929.5	890.9	(1)	(1)	(1)	69.1	68.1	69.6	41.2	40.5	38.4
39	FLORIDA.....	1,547.8	1,562.7	1,490.2	9.7	9.7	9.7	135.3	132.8	130.4	239.0	241.4	232.5
40	Fort Lauderdale-Hollywood	98.8	98.8	94.6	-	-	-	13.1	13.1	12.2	11.0	10.9	10.2
41	Jacksonville.....	157.6	160.2	156.1	(1)	(1)	(1)	11.5	11.6	10.8	22.4	22.6	22.1
42	Miami.....	339.9	344.6	331.1	(1)	(1)	(1)	21.0	20.3	21.0	51.9	52.9	50.0
43	Orlando.....	98.7	98.8	95.5	-	-	-	8.8	8.4	8.2	17.8	18.2	18.5
44	Tampa-St. Petersburg.....	227.0	229.3	220.1	(1)	(1)	(1)	19.4	19.0	19.3	40.3	41.4	39.6
45	GEORGIA.....	1,233.1	1,228.0	1,182.4	5.9	5.8	5.7	78.3	76.1	71.3	394.0	392.3	377.7
46	Atlanta.....	473.1	468.3	448.5	(1)	(1)	(1)	36.8	35.5	31.5	108.5	107.2	100.7
47	Savannah.....	55.8	56.3	54.4	(1)	(1)	(1)	3.5	3.3	3.1	14.9	15.2	14.6
48	HAWAII.....	226.3	219.2	216.0	(1)	(1)	(1)	18.0	17.7	16.6	32.2	28.0	32.4
49	Honolulu.....	191.0	185.4	182.5	(1)	(1)	(1)	15.1	14.7	13.8	23.7	20.5	24.1
50	IDAHO 2.....	178.2	175.6	173.8	3.5	3.4	3.4	12.0	11.5	11.7	31.9	31.2	30.5
51	Boise 2.....	31.7	31.6	31.1	(1)	(1)	(1)	2.2	2.2	2.1	3.3	3.3	3.4
52	ILLINOIS.....	3,804.0	3,829.0	3,692.5	25.5	25.3	25.9	172.8	169.4	169.9	1,291.5	1,289.5	1,239.8
53	Chicago.....	2,629.9	2,644.0	2,560.5	6.8	6.8	6.7	107.5	106.7	106.7	904.9	906.3	867.8
	Davenport-Rock Island-												
54	Moline.....	(5)	122.8	118.1	(5)	(3)	(3)	(5)	6.9	5.7	(5)	46.5	45.5
55	Peoria.....	(5)	115.0	111.2	(5)	(3)	(3)	(5)	7.8	7.7	(5)	45.5	43.2
56	Rockford.....	(5)	91.2	87.3	(5)	(3)	(3)	(5)	4.3	4.4	(5)	48.2	45.5

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

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

for States and selected areas, by industry division

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	
50.0	49.7	49.1	165.0	165.7	159.7	35.4	35.2	35.3	107.8	107.9	106.7	173.7	175.5	169.9	1
16.6	16.5	16.3	48.7	48.6	47.3	14.8	14.7	14.4	26.9	27.0	26.7	23.5	23.8	22.3	2
2.0	2.0	1.8	11.1	11.1	10.3	1.6	1.6	1.5	14.6	14.4	13.5	25.7	25.7	24.5	3
9.5	9.5	9.5	22.3	23.8	22.5	4.4	4.4	4.3	14.3	14.1	13.9	25.7	25.7	25.5	4
7.9	7.8	7.6	10.0	9.8	9.2	2.0	2.0	2.0	7.7	7.5	7.4	30.7	30.0	28.7	5
25.0	25.0	25.4	94.9	96.0	91.2	22.0	22.0	21.2	69.5	65.8	61.4	93.7	91.7	80.4	6
13.6	13.6	13.8	58.8	59.6	56.1	15.6	15.6	14.9	38.0	38.0	35.2	44.0	42.2	38.1	7
5.5	5.5	5.5	17.3	17.6	16.9	4.1	4.1	4.0	13.6	13.7	13.4	20.7	22.2	18.0	8
29.7	29.2	29.7	94.1	94.4	92.8	17.9	17.8	17.4	62.8	61.9	58.5	86.9	85.5	71.4	9
1.5	1.5	1.5	4.0	4.1	3.8	.5	.5	.4	2.3	2.3	2.1	3.7	3.5	3.1	10
2.7	2.8	2.8	8.2	8.4	8.4	1.3	1.3	1.2	5.2	5.2	5.1	3.7	3.7	4.9	11
8.4	8.3	8.2	21.2	21.1	21.1	7.7	7.6	7.4	14.5	14.4	14.4	19.2	19.3	17.1	12
2.7	2.7	2.6	3.9	3.8	3.9	.8	.8	.8	2.7	2.7	2.6	3.9	3.8	3.6	13
392.7	386.3	378.4	1,282.8	1,275.1	1,229.1	321.9	320.4	310.2	942.1	936.9	891.7	1,089.6	1,107.0	1,024.8	14
10.0	9.8	9.1	63.8	63.1	58.1	13.2	13.0	12.2	44.8	43.9	41.5	41.8	43.9	37.3	15
6.2	6.3	6.5	19.4	19.1	17.9	2.8	2.8	2.9	12.2	12.3	11.4	22.4	22.8	21.4	16
7.7	7.5	7.9	30.3	28.9	29.5	4.6	4.6	4.6	16.7	16.4	15.6	19.5	20.2	19.4	17
150.9	148.7	145.2	554.1	552.7	535.4	147.1	145.8	142.2	415.4	413.8	398.7	325.6	331.0	310.2	18
17.8	17.4	17.5	48.0	47.3	45.7	9.8	9.8	9.5	28.0	27.5	26.2	80.9	82.7	74.3	19
17.5	17.3	16.8	53.5	53.3	49.7	9.4	9.3	8.9	38.3	38.0	35.4	60.4	63.1	57.2	20
15.8	15.4	14.9	59.2	58.9	57.7	13.3	13.1	12.4	48.2	47.4	46.9	66.5	66.8	62.7	21
108.7	107.6	104.6	240.9	238.8	232.9	83.4	82.7	80.4	169.1	168.6	161.7	220.2	224.2	205.6	22
12.2	12.0	11.1	48.9	48.8	46.4	10.5	10.4	10.2	50.1	50.7	47.8	42.9	43.7	39.4	23
5.7	5.7	5.8	16.3	17.2	16.3	2.5	2.5	2.4	9.9	10.6	9.4	18.3	18.3	16.6	24
3.0	3.0	2.8	10.2	10.0	9.6	1.8	1.8	1.7	7.4	7.3	7.0	25.2	25.6	23.8	25
46.1	45.1	45.4	140.3	138.4	137.6	31.4	31.3	31.0	100.2	97.3	95.3	138.2	137.6	129.4	26
31.1	30.6	30.7	93.5	93.0	92.2	24.0	23.8	23.7	66.5	65.3	64.2	71.0	70.3	69.3	27
45.7	46.9	44.9	183.7	185.9	176.2	58.4	57.8	58.6	139.5	138.2	135.2	111.1	111.5	108.2	28
5.7	5.9	5.7	23.8	23.9	23.2	4.0	4.0	4.2	15.7	15.6	15.2	10.7	11.0	10.6	29
9.7	10.0	9.5	49.6	50.4	48.3	34.4	33.6	33.5	34.4	34.3	33.5	29.2	29.1	28.6	30
1.8	1.9	1.8	6.2	6.2	6.0	1.0	.9	.9	4.1	4.1	4.0	3.3	3.4	3.2	31
12.6	12.8	12.5	27.0	27.2	25.7	7.4	7.3	7.6	25.4	25.3	24.7	13.6	13.7	12.9	32
2.8	3.0	2.9	14.4	14.3	13.8	2.7	2.7	2.8	13.5	13.4	12.9	6.5	6.3	6.3	33
2.7	2.8	2.7	10.6	10.7	10.1	1.8	1.8	1.8	8.4	8.4	8.4	6.6	6.7	6.5	34
10.0	10.0	9.9	33.3	33.0	32.5	7.1	6.9	6.8	23.6	23.4	24.1	24.3	24.9	23.4	35
8.6	8.6	8.5	30.0	29.8	29.1	6.6	6.4	6.3	21.5	21.3	21.4	20.6	20.9	19.8	36
31.2	30.7	30.0	86.9	86.4	86.3	32.4	31.9	31.1	113.8	113.8	106.9	313.3	311.6	301.6	37
50.7	50.1	48.6	177.6	178.0	170.3	55.4	54.8	52.4	185.3	185.3	172.6	354.7	352.7	339.0	38
110.6	109.9	106.7	406.0	407.2	396.4	97.3	96.5	95.3	275.5	273.0	263.7	274.4	292.2	255.5	39
5.4	5.2	5.4	28.2	28.5	27.4	7.3	7.2	7.3	18.5	18.7	17.6	15.3	15.2	14.5	40
15.8	16.4	16.6	44.4	44.5	43.9	14.5	14.5	14.7	23.6	23.7	23.1	25.4	26.9	24.9	41
36.9	36.6	35.6	91.8	91.6	92.8	24.9	24.7	24.2	71.6	71.3	68.8	41.8	47.2	38.7	42
6.0	6.0	5.9	29.4	29.2	28.0	6.7	6.6	6.3	16.3	16.3	15.5	13.7	14.1	13.1	43
17.1	17.1	16.1	65.7	65.2	63.8	14.0	13.8	13.8	37.0	37.3	35.9	33.5	35.5	31.6	44
82.9	82.1	80.1	255.9	253.8	245.9	59.2	58.7	58.7	140.4	139.7	137.9	216.5	219.5	205.1	45
44.1	43.8	41.7	120.9	119.7	117.0	33.4	33.0	32.8	65.4	64.6	63.3	64.0	64.5	61.5	46
5.9	5.9	6.0	12.4	12.4	12.2	2.7	2.7	2.8	7.7	7.5	7.6	8.7	9.3	8.1	47
16.2	16.0	15.9	50.7	49.9	47.6	12.6	12.6	12.4	39.1	38.0	37.0	57.5	57.0	54.1	48
13.8	13.6	13.6	43.3	42.6	40.7	11.8	11.8	11.5	33.2	32.5	31.8	50.1	49.7	47.0	49
14.5	14.4	14.4	42.9	43.0	42.1	7.0	7.0	6.9	26.0	25.6	25.2	40.4	39.5	39.6	50
2.9	2.9	2.8	8.6	8.6	8.5	2.2	2.2	2.2	4.7	4.6	4.5	7.8	7.8	7.6	51
269.8	275.5	273.8	804.3	806.9	786.6	204.5	202.4	201.9	560.4	561.3	540.8	475.3	498.6	453.7	52
191.1	196.0	194.4	561.2	564.3	555.7	160.0	158.3	158.5	421.7	422.6	406.2	276.8	283.1	264.7	53
(5)	6.6	6.5	(5)	24.4	23.7	(5)	4.7	4.7	(5)	14.2	13.6	(5)	19.5	18.5	54
(5)	6.4	6.5	(5)	23.7	23.4	(5)	4.2	4.1	(5)	14.8	14.1	(5)	12.5	12.2	55
(5)	3.2	3.1	(5)	16.1	15.8	(5)	2.8	2.8	(5)	9.9	9.6	(5)	6.6	6.1	56

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
1	INDIANA.....	1,603.9	1,613.5	1,531.5	8.7	8.6	9.3	81.8	78.1	75.4	662.1	667.2	623.8
2	Evansville.....	76.5	77.3	75.3	2.1	2.1	2.3	4.2	4.0	4.2	29.4	29.9	27.9
3	Fort Wayne.....	99.0	99.1	93.5	(1)	(1)	(1)	5.2	5.0	5.1	40.6	40.6	37.7
	Gary-Hammond-East												
4	Chicago.....	203.0	202.6	196.5	(1)	(1)	(1)	11.4	11.5	12.7	110.1	109.5	104.3
5	Indianapolis.....	357.2	358.3	345.1	(1)	(1)	(1)	16.6	15.9	15.8	122.8	124.2	117.2
6	South Bend.....	86.2	85.8	85.2	(1)	(1)	(1)	3.5	3.4	3.4	34.0	33.4	33.0
7	Terre Haute.....	45.5	45.9	44.6	.9	.9	.9	1.7	1.6	1.7	13.1	12.8	12.9
8	IOWA.....	747.8	746.5	721.5	3.6	3.5	3.6	45.6	43.8	42.5	191.4	189.0	182.6
9	Cedar Rapids.....	55.9	56.0	54.6	(1)	(1)	(1)	2.2	2.2	2.4	24.1	23.9	23.5
10	Des Moines.....	106.8	106.9	105.3	(1)	(1)	(1)	5.4	4.9	4.8	22.6	22.5	22.2
11	KANSAS.....	591.0	591.9	585.5	14.0	13.9	15.4	35.6	34.5	34.5	119.0	117.8	121.4
12	Topeka.....	52.6	52.6	51.5	.1	.1	.1	3.1	2.9	3.3	7.4	7.3	7.1
13	Wichita.....	129.3	129.7	128.4	2.9	2.9	3.0	6.5	6.1	5.6	43.4	42.9	45.5
14	KENTUCKY.....	770.9	764.7	724.1	30.7	31.0	30.2	60.0	54.1	48.2	200.7	201.5	191.5
15	Louisville.....	271.0	271.0	261.5	(1)	(1)	(1)	15.8	14.9	15.0	93.6	94.0	89.4
16	LOUISIANA.....	907.1	905.5	856.7	50.8	50.7	47.4	84.6	82.1	70.5	162.3	160.7	153.9
17	Baton Rouge.....	80.3	78.3	75.0	.2	.2	.2	10.1	8.6	7.5	16.3	16.2	15.8
18	New Orleans.....	330.2	331.5	321.3	11.6	11.3	11.1	26.6	26.0	23.8	58.0	58.5	55.7
19	Shreveport.....	77.0	76.6	75.8	5.3	5.3	5.4	6.2	6.3	6.7	10.6	10.4	9.7
20	MAINE.....	296.2	295.1	293.7	(1)	(1)	(1)	14.7	14.6	15.1	109.3	108.8	107.3
21	Lewiston-Auburn.....	25.4	25.5	25.2	(1)	(1)	(1)	1.2	1.3	1.3	12.2	12.1	12.3
22	Portland.....	57.3	57.0	56.8	(1)	(1)	(1)	3.5	3.3	3.5	14.3	14.2	14.0
23	MARYLAND ⁴	1,064.6	1,066.0	1,022.2	2.5	2.5	2.5	87.5	85.6	84.5	266.9	262.9	259.9
24	Baltimore.....	664.6	666.4	645.2	.9	.9	.9	43.5	42.0	42.8	191.7	190.3	186.8
25	MASSACHUSETTS.....	2,028.2	2,031.6	1,977.9	(1)	(1)	(1)	99.6	98.1	96.5	657.7	662.8	640.8
26	Boston.....	1,141.6	1,147.7	1,109.9	(1)	(1)	(1)	60.2	58.6	58.0	282.4	284.4	272.5
27	Brockton.....	44.2	44.4	43.0	-	-	-	2.2	2.1	2.1	15.9	16.3	15.9
28	Fall River.....	42.2	43.4	40.7	(1)	(1)	(1)	(1)	(1)	(1)	20.3	21.5	20.2
29	New Bedford.....	50.6	51.3	50.3	(1)	(1)	(1)	1.8	1.8	1.7	25.7	26.4	25.4
	Springfield-Chicopee-												
30	Holyoke.....	182.2	182.5	179.7	(1)	(1)	(1)	7.7	7.5	8.1	70.7	71.0	69.0
31	Worcester.....	120.2	120.1	117.0	(1)	(1)	(1)	5.3	5.2	5.2	49.5	49.4	47.5
32	MICHIGAN.....	2,614.0	2,633.3	2,472.7	15.2	14.8	13.7	128.7	122.3	118.4	1,063.9	1,080.3	994.0
33	Ann Arbor.....	87.6	88.7	77.4	(1)	(1)	(1)	3.0	2.6	2.4	31.3	31.7	28.9
34	Detroit.....	1,323.0	1,328.4	1,246.3	.9	.9	.9	59.9	56.2	57.4	552.9	561.9	509.5
35	Flint.....	146.5	149.2	139.1	(1)	(1)	(1)	6.4	6.0	4.9	81.6	83.5	77.1
36	Grand Rapids.....	156.9	160.7	153.2	(1)	(1)	(1)	9.1	8.7	9.1	67.9	70.4	65.6
37	Kalamazoo.....	60.6	61.2	59.4	(1)	(1)	(1)	4.0	3.8	2.6	26.3	26.6	26.5
38	Lansing.....	102.0	103.6	96.4	(1)	(1)	(1)	4.7	4.4	3.9	36.4	36.4	33.2
39	Muskegon-Muskegon Heights	46.9	46.9	45.1	(1)	(1)	(1)	1.5	1.5	1.5	25.7	25.7	23.5
40	Saginaw ²	64.2	63.3	60.0	(1)	(1)	(1)	3.5	3.3	3.0	29.9	30.1	27.7
41	MINNESOTA.....	1,081.4	1,076.1	1,046.8	15.6	15.1	15.0	68.0	65.2	64.2	260.1	255.3	252.8
42	Duluth-Superior.....	53.3	52.6	50.7	(1)	(1)	(1)	2.9	2.6	2.5	9.8	9.6	9.4
43	Minneapolis-St. Paul.....	636.0	637.0	615.8	(1)	(1)	(1)	38.9	37.9	36.3	170.2	169.4	165.1
44	MISSISSIPPI.....	480.5	480.3	461.5	6.0	6.1	6.4	30.2	28.8	30.7	153.7	152.5	142.0
45	Jackson.....	73.8	74.1	72.2	.8	.8	1.0	5.5	5.2	5.3	12.4	12.4	11.6
46	MISSOURI.....	1,465.6	1,465.4	1,417.8	8.3	8.2	7.9	89.0	85.2	78.9	411.9	408.5	408.0
47	Kansas City.....	438.5	437.3	430.9	.6	.6	.6	24.4	24.1	23.6	113.9	113.2	115.1
48	St. Louis.....	806.3	806.1	787.8	3.0	3.0	2.8	50.2	48.6	45.9	276.2	273.9	270.9
49	MONTANA.....	185.5	185.6	182.3	7.3	7.2	7.7	14.0	13.8	13.2	23.0	22.6	23.1
50	Billings.....	25.7	25.8	25.4	(1)	(1)	(1)	1.8	1.9	2.2	3.2	3.1	3.2
51	Great Falls.....	23.8	23.3	22.5	(1)	(1)	(1)	3.2	3.0	2.2	3.4	3.3	3.2
52	NEBRASKA.....	413.0	413.7	406.8	2.1	2.1	2.2	28.0	26.2	25.8	68.7	68.9	68.0
53	Omaha.....	171.9	171.5	171.6	(3)	(3)	(3)	10.4	8.9	10.5	34.8	35.0	35.5
54	NEVADA.....	160.9	159.3	156.4	3.5	3.4	3.2	13.2	13.5	14.9	7.0	6.9	7.0
55	Reno.....	48.6	47.3	45.1	(6)	(6)	(6)	5.6	5.4	5.3	2.5	2.5	2.5
56	NEW HAMPSHIRE.....	229.9	222.6	222.6	.3	.3	.3	11.7	11.3	11.6	87.8	88.5	85.3
57	Manchester.....	44.8	44.9	43.3	(1)	(1)	(1)	2.5	2.5	2.4	17.1	17.1	16.3

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

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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

thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	
90.8	91.2	89.1	303.9	304.0	298.6	65.7	64.9	64.0	164.7	167.1	160.1	226.3	232.4	211.3	1
4.5	4.8	4.9	16.4	16.3	16.4	2.8	2.8	2.9	9.8	9.8	9.8	7.3	7.6	6.9	2
7.2	7.1	6.7	20.8	21.0	20.2	5.2	5.1	5.0	11.7	11.7	11.2	8.3	8.6	7.6	3
12.8	12.7	12.6	30.9	30.5	30.0	5.4	5.4	5.3	16.7	16.6	16.7	15.7	16.4	14.9	4
24.7	24.4	24.4	77.2	76.8	74.9	23.6	23.4	23.5	39.9	40.0	38.6	52.4	53.6	50.7	5
4.5	4.4	4.3	18.1	17.8	18.0	4.6	4.6	4.7	13.5	14.0	13.9	8.0	8.2	7.9	6
4.2	4.2	4.3	11.7	11.6	11.5	1.6	1.6	1.6	5.1	5.2	5.1	7.2	8.0	6.6	7
50.5	50.2	49.7	182.0	182.3	175.4	36.0	35.7	35.6	107.4	107.7	103.9	131.3	134.3	128.2	8
2.9	2.9	3.0	12.2	12.2	11.4	2.6	2.6	2.5	6.9	7.0	6.7	4.9	5.3	5.2	9
7.7	7.6	7.9	27.9	28.0	26.6	11.6	11.5	12.3	16.8	16.8	16.6	14.9	15.6	15.2	10
51.1	51.3	52.2	138.9	138.7	135.9	25.9	25.9	25.7	84.0	84.4	82.4	122.5	125.4	118.0	11
7.0	7.0	7.0	10.9	11.0	10.7	3.1	3.1	3.0	8.1	8.1	8.0	13.1	13.4	12.5	12
7.5	7.5	7.4	28.9	28.9	28.3	6.1	6.0	6.1	18.7	18.8	18.2	15.4	16.8	14.5	13
55.0	54.3	53.7	160.6	159.7	150.8	30.8	30.4	29.5	101.5	101.3	98.9	131.6	132.4	121.4	14
21.3	21.3	20.6	57.8	57.5	57.1	14.1	14.0	13.9	39.1	39.2	37.9	29.4	30.1	27.6	15
86.0	85.6	82.1	197.4	196.8	189.3	40.7	40.4	39.8	123.2	122.8	118.0	162.1	166.4	155.7	16
4.9	4.9	4.7	17.1	17.0	16.4	4.1	4.1	4.0	10.3	10.3	10.0	17.3	16.9	16.4	17
41.6	41.5	41.2	78.1	78.3	75.9	19.5	19.3	19.4	53.3	53.7	52.1	41.5	43.0	42.0	18
8.8	8.7	8.6	20.2	20.2	19.8	3.9	3.9	4.0	11.2	11.1	11.0	10.9	10.8	10.6	19
16.9	16.6	17.5	56.9	56.0	56.3	10.1	10.0	9.9	36.4	34.6	36.2	51.9	54.5	51.4	20
.9	.9	.9	5.1	5.1	5.0	.8	.8	.8	3.5	3.5	3.4	1.7	1.8	1.5	21
5.0	4.8	5.2	15.2	15.2	15.2	4.2	4.2	4.1	9.1	9.1	9.1	6.0	6.2	5.7	22
72.3	72.4	70.4	234.8	236.9	222.9	54.3	53.7	52.9	171.2	170.3	162.3	175.1	181.7	166.8	23
52.9	53.2	51.7	139.2	140.7	135.2	35.4	35.0	35.0	100.8	100.9	96.9	100.2	103.4	95.9	24
101.5	101.9	103.0	412.1	416.8	403.5	107.3	106.3	107.6	370.4	367.3	357.0	279.6	278.4	269.5	25
64.7	65.3	65.6	250.5	255.3	245.8	77.5	76.8	77.7	244.1	245.7	235.4	162.2	161.6	154.9	26
2.8	2.8	2.7	10.3	10.4	10.0	1.4	1.4	1.3	5.0	4.8	4.7	6.6	6.6	6.3	27
1.5	1.5	1.6	8.2	8.4	8.0	(1)	(1)	(1)	7.6	7.6	7.4	4.6	4.4	3.5	28
2.2	2.2	2.2	8.9	9.0	9.1	(1)	(1)	(1)	7.7	7.6	7.7	4.3	4.3	4.2	29
8.4	8.3	8.1	34.8	35.4	34.9	8.6	8.5	8.6	28.2	28.2	27.9	23.8	23.6	23.1	30
4.1	4.1	4.4	22.1	22.4	21.7	6.1	5.9	5.9	18.6	18.5	18.1	14.5	14.6	14.2	31
139.6	139.3	131.4	490.7	485.3	460.3	96.5	94.2	93.6	325.5	326.1	313.9	353.9	371.1	347.5	32
2.3	2.3	2.1	10.4	10.7	8.8	1.4	1.4	1.4	6.8	6.7	6.6	32.5	33.4	27.0	33
74.4	74.6	67.9	259.9	258.7	242.4	57.1	55.7	55.8	175.4	176.6	171.2	142.5	143.7	141.2	34
5.0	5.0	4.7	21.6	22.0	21.2	3.4	3.3	3.2	13.7	13.6	13.3	14.9	15.8	14.6	35
9.4	9.3	9.3	31.0	31.9	30.4	5.7	5.5	5.6	20.7	20.7	20.3	13.1	14.1	13.0	36
2.3	2.3	2.2	10.9	10.9	10.1	1.8	1.8	1.7	7.2	7.1	7.2	8.1	8.8	9.2	37
3.1	3.1	3.3	18.0	18.2	17.0	3.5	3.5	3.3	9.6	9.6	9.9	26.6	28.4	25.8	38
2.5	2.4	2.4	7.3	7.1	7.4	1.3	1.2	1.2	4.5	4.4	4.7	4.2	4.5	4.5	39
3.9	3.9	3.8	11.5	11.1	11.1	1.7	1.7	1.7	7.4	7.2	6.6	6.2	6.0	6.1	40
81.1	80.5	79.8	258.3	257.4	251.3	52.8	51.9	53.4	159.1	162.0	154.6	186.5	188.7	175.6	41
9.7	9.6	9.0	11.7	11.6	11.3	2.0	2.0	2.0	9.2	9.2	9.1	8.0	8.0	7.5	42
50.9	50.5	49.9	156.3	155.9	151.8	38.8	38.0	39.3	100.0	101.3	96.1	80.9	83.9	77.3	43
26.4	26.3	26.5	92.6	92.7	90.5	16.7	16.7	16.6	55.2	55.2	54.9	99.6	102.0	94.0	44
4.7	4.6	4.6	17.5	17.4	17.0	5.3	5.3	5.2	11.8	11.8	11.8	15.8	16.5	15.7	45
115.7	116.4	114.6	327.6	326.0	322.2	80.1	79.6	78.6	211.4	213.8	205.3	221.6	227.7	202.3	46
45.9	45.7	45.2	107.7	107.5	105.7	28.6	28.5	28.5	63.5	63.5	61.6	53.9	54.2	50.6	47
62.7	63.7	63.2	165.0	163.3	160.7	41.1	40.7	40.7	121.6	122.5	117.3	86.5	90.4	86.3	48
18.2	17.9	18.1	44.0	43.6	42.4	7.0	7.0	7.1	26.1	25.8	25.9	45.9	47.7	44.8	49
2.7	2.7	2.7	7.9	7.9	7.6	1.4	1.4	1.4	5.0	5.0	4.7	3.7	3.8	3.6	50
2.2	2.2	2.3	5.7	5.6	5.6	1.2	1.2	1.3	3.9	3.8	3.8	4.2	4.2	4.1	51
36.9	36.7	37.5	102.6	102.9	100.2	25.3	25.3	25.3	63.5	64.2	62.8	85.9	87.3	85.0	52
20.5	20.5	20.9	41.3	41.4	41.0	14.6	14.6	14.5	27.6	28.3	27.0	22.8	22.8	22.3	53
12.0	11.8	11.6	30.4	29.7	28.9	6.3	6.2	6.2	60.6	60.0	58.5	27.9	27.8	26.1	54
4.5	4.4	4.0	10.4	10.2	9.2	2.3	2.3	2.2	15.4	14.4	14.8	7.9	8.1	7.1	55
9.7	9.6	9.6	40.9	40.0	39.3	8.6	8.5	8.3	45.6	38.1	43.6	25.4	26.5	24.7	56
2.7	2.6	2.6	9.6	9.7	9.3	2.6	2.6	2.6	6.7	6.7	6.4	3.6	3.7	3.6	57

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
1	NEW JERSEY.....	2,253.8	2,252.5	2,184.5	3.8	3.7	3.7	117.4	114.0	116.0	821.7	826.5	800.7
2	Atlantic City.....	62.1	58.0	60.8	-	-	-	3.9	3.9	4.1	8.5	8.6	8.4
3	Jersey City ⁷	251.8	253.4	248.4	-	-	-	7.1	6.9	6.6	111.3	112.2	111.4
4	Newark ⁷	708.9	709.1	691.8	1.0	.9	.9	31.6	30.6	31.4	240.2	241.3	237.1
5	Paterson-Clifton-Passaic ⁷	417.7	417.8	402.3	.5	.5	.5	24.4	23.2	23.8	170.5	170.6	163.3
6	Perth Amboy ⁷	210.3	211.3	198.1	.7	.7	.8	11.3	10.9	10.9	97.7	98.4	91.5
7	Trenton.....	117.5	118.0	113.6	.1	.1	.1	5.6	5.4	5.2	40.1	40.6	39.0
8	NEW MEXICO.....	269.0	269.1	259.8	17.6	17.5	17.2	22.4	22.1	21.0	17.7	17.8	18.0
9	Albuquerque.....	94.1	95.1	91.7	(1)	(1)	(1)	8.8	8.6	8.7	8.6	8.6	8.8
10	NEW YORK.....	6,478.7	6,513.2	6,399.2	9.6	9.4	9.7	272.7	268.5	287.6	1,820.9	1,824.3	1,794.5
11	Albany-Schenectady-Troy..	242.6	243.3	237.1	(1)	(1)	(1)	9.4	9.3	10.9	64.0	64.0	60.9
12	Binghamton.....	100.0	98.8	95.1	(1)	(1)	(1)	4.8	4.4	4.1	46.4	45.6	43.4
13	Buffalo.....	449.8	450.3	439.5	(1)	(1)	(1)	20.5	18.9	20.8	178.1	177.1	171.1
14	Elmira ⁸	34.1	34.0	33.3	-	-	-	-	-	-	14.0	14.0	14.0
15	Nassau and Suffolk Counties ⁹	564.6	566.1	543.3	(1)	(1)	(1)	37.9	38.3	40.8	129.3	128.3	128.2
16	New York-Northeastern New Jersey.....	6,016.8	6,060.5	5,930.1	5.1	4.9	5.2	246.1	242.8	261.7	1,685.6	1,696.0	1,670.8
17	New York SMSA ⁷	4,428.2	4,468.9	4,389.5	2.9	2.8	3.0	171.7	171.2	189.0	1,065.9	1,073.5	1,067.5
18	New York City ⁹	3,550.9	3,592.1	3,545.4	2.3	2.2	2.4	114.8	114.2	129.2	852.3	860.9	856.8
19	Rochester.....	300.2	297.2	287.1	(1)	(1)	(1)	14.7	13.8	13.9	133.3	130.6	126.7
20	Syracuse.....	196.6	197.7	190.4	(1)	(1)	(1)	11.5	11.0	10.0	64.6	64.3	63.8
21	Utica-Rome.....	103.2	102.8	101.5	(1)	(1)	(1)	3.4	3.1	3.0	37.6	37.6	35.9
22	Westchester County ⁹	265.4	265.1	257.4	(1)	(1)	(1)	16.2	16.0	16.1	70.7	71.2	69.5
23	NORTH CAROLINA.....	1,379.9	1,377.1	1,327.8	2.8	2.7	2.6	85.9	83.4	81.4	571.7	571.2	547.7
24	Charlotte.....	134.6	133.7	129.6	(1)	(1)	(1)	10.2	10.3	9.7	33.7	33.7	33.2
25	Greensboro-High Point....	-	-	-	-	-	-	6.9	6.8	6.8	47.3	47.1	45.3
26	Winston-Salem.....	-	-	-	-	-	-	-	-	-	36.8	36.0	35.5
27	NORTH DAKOTA.....	150.2	150.2	147.4	2.1	2.0	1.8	16.0	14.3	15.2	8.3	8.0	8.2
28	Fargo-Moorhead.....	33.0	33.5	32.3	(1)	(1)	(1)	2.6	2.3	2.6	2.4	2.4	2.2
29	OHIO.....	3,335.3	3,356.2	3,223.1	20.9	20.8	20.5	150.0	147.0	152.7	1,315.6	1,315.3	1,250.9
30	Akron.....	204.1	207.1	198.7	.2	.2	.3	7.5	7.7	7.4	89.9	90.9	87.8
31	Canton.....	120.2	120.1	113.2	.3	.3	.3	4.1	4.0	4.1	61.1	60.4	54.9
32	Cincinnati.....	427.0	428.5	418.7	.5	.4	.5	19.4	19.7	20.6	151.2	149.8	146.2
33	Cleveland.....	769.9	770.7	741.0	1.1	1.1	.9	36.6	36.0	35.4	295.0	294.3	281.9
34	Columbus.....	312.4	315.4	298.0	1.0	1.0	1.0	17.3	16.5	17.2	81.1	81.6	76.6
35	Dayton.....	279.0	280.3	267.8	.5	.5	.5	11.7	11.2	12.0	115.1	114.9	108.5
36	Toledo.....	198.1	201.5	191.3	.3	.3	.3	8.9	8.6	8.3	74.3	74.6	73.3
37	Youngstown-Warren.....	172.1	172.6	162.8	.4	.4	.4	7.4	6.8	7.4	83.6	83.5	76.4
38	OKLAHOMA.....	641.9	644.3	628.2	43.2	43.1	43.3	36.9	37.2	37.7	101.9	100.1	98.2
39	Oklahoma City.....	210.2	212.2	203.4	6.8	6.8	6.9	14.5	14.3	14.7	27.6	27.4	26.0
40	Tulsa.....	148.6	148.1	144.6	13.1	13.2	13.0	9.2	9.3	9.3	35.0	34.2	32.7
41	OREGON.....	600.3	605.2	578.5	1.8	1.7	1.7	36.2	33.5	36.3	159.9	159.2	157.1
42	Eugene.....	59.4	59.7	56.1	(1)	(1)	(1)	4.0	3.9	3.9	20.3	19.5	19.5
43	Portland.....	310.3	313.4	298.6	(1)	(1)	(1)	17.2	16.4	16.6	73.6	74.0	72.9
44	PENNSYLVANIA.....	3,891.7	3,895.9	3,802.4	46.1	45.5	46.9	174.0	168.8	178.5	1,498.2	1,494.6	1,438.2
45	Allentown-Bethlehem- Easton.....	197.8	197.5	189.2	.5	.5	.5	7.9	8.0	7.5	102.7	102.9	96.4
46	Altoona.....	42.8	42.7	41.4	(1)	(1)	(1)	1.4	1.4	1.3	13.1	12.8	12.3
47	Erie.....	84.3	84.2	80.9	(1)	(1)	(1)	2.8	2.6	2.6	41.0	41.0	38.9
48	Harrisburg.....	162.1	160.8	157.2	(1)	(1)	(1)	9.3	9.0	7.7	36.5	35.8	35.7
49	Johnstown.....	73.1	72.7	70.2	5.4	5.3	4.9	2.2	2.1	2.2	26.8	26.7	25.3
50	Lancaster.....	105.0	105.3	100.7	(1)	(1)	(1)	7.1	6.8	5.7	51.8	51.7	49.4
51	Philadelphia.....	1,553.3	1,563.9	1,526.3	1.4	1.4	1.4	76.1	74.7	77.6	546.4	546.3	530.6
52	Pittsburgh.....	793.9	792.7	776.3	9.8	9.7	9.4	35.2	34.0	36.2	293.3	291.6	282.7
53	Reading.....	109.0	109.9	105.5	(1)	(1)	(1)	5.1	4.9	4.8	53.8	54.3	51.1
54	Scranton.....	77.8	77.1	75.9	.9	.7	1.0	2.3	2.2	2.1	32.1	31.8	31.2
55	Wilkes-Barre-Hazleton...	108.9	109.4	107.1	4.6	4.4	4.8	4.2	4.1	4.2	47.6	47.9	46.6
56	York.....	108.6	108.5	103.7	(1)	(1)	(1)	5.9	5.7	5.7	54.9	54.3	51.8
57	RHODE ISLAND.....	308.7	309.2	304.0	(1)	(1)	(1)	15.8	15.7	16.2	115.8	117.1	114.3
58	Providence-Pawtucket- Warwick.....	323.8	324.6	315.7	(1)	(1)	(1)	16.0	15.9	16.7	133.5	135.1	129.5

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

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	
156.1	156.7	152.8	439.9	438.4	426.2	101.3	99.7	99.6	324.2	318.1	311.5	289.4	295.4	274.0	1
3.6	3.6	3.7	19.0	16.1	18.8	2.9	2.9	2.9	15.5	14.1	14.7	8.7	8.8	8.2	2
35.1	35.4	35.1	36.9	37.2	35.6	8.9	8.8	9.0	25.0	25.2	24.6	27.5	27.7	26.1	3
52.6	52.5	51.3	136.2	137.1	134.0	49.3	48.7	48.5	114.0	112.7	109.4	84.0	85.3	79.2	4
23.2	23.2	22.7	89.3	90.3	86.8	15.2	15.0	14.7	54.6	54.3	53.2	40.0	40.7	37.3	5
9.6	9.8	9.2	34.8	35.6	33.8	4.3	4.3	4.2	20.5	20.4	19.6	31.4	31.2	28.1	6
6.3	6.4	6.2	19.1	19.3	18.6	4.5	4.4	4.5	19.0	19.1	18.5	22.8	22.7	21.5	7
20.3	20.2	20.2	56.5	56.3	55.1	12.2	12.1	11.6	48.1	47.7	46.5	74.2	75.4	70.2	8
6.4	6.4	6.4	22.0	22.2	21.2	6.2	6.2	5.9	21.8	21.9	21.3	20.3	21.2	19.4	9
478.1	480.8	480.5	1,309.8	1,323.0	1,302.3	512.1	505.7	511.2	1,142.9	1,140.9	1,116.6	932.7	960.5	896.8	10
14.1	13.9	13.9	47.3	47.0	46.7	9.9	9.8	9.7	39.6	39.5	38.8	58.3	59.7	56.1	11
4.8	4.8	4.8	15.3	15.5	15.5	2.9	2.8	2.8	10.4	10.3	10.0	15.2	15.4	14.6	12
32.0	31.8	31.3	86.1	86.0	85.3	16.9	16.7	16.5	58.0	58.2	56.9	58.3	61.7	57.5	13
-	-	-	6.5	6.5	6.3	-	-	-	-	-	-	-	-	-	14
25.7	26.5	25.0	143.5	144.7	133.6	25.1	24.6	23.4	105.8	102.1	98.8	97.4	101.6	93.5	15
478.8	484.8	479.9	1,243.3	1,259.6	1,220.1	518.9	512.8	515.6	1,060.8	1,064.5	1,030.6	778.2	795.1	746.2	16
358.3	364.0	361.6	946.1	959.3	929.9	441.2	436.0	439.2	847.0	851.9	823.8	595.3	610.2	575.5	17
313.9	318.5	318.3	736.6	748.5	733.6	401.8	397.2	401.9	676.4	688.2	663.9	452.9	462.5	439.3	18
13.0	12.8	13.1	52.5	53.1	50.3	10.0	9.8	9.6	40.4	40.6	38.4	36.2	36.4	35.0	19
13.1	12.9	13.0	41.7	41.9	39.7	9.9	9.8	9.8	28.3	29.1	27.8	27.6	28.7	26.5	20
5.3	5.2	5.5	16.8	16.4	16.7	4.1	4.1	4.2	12.1	11.9	12.0	24.0	24.5	24.2	21
16.7	16.9	16.3	57.5	58.0	55.3	12.6	12.5	12.3	57.6	55.3	54.9	34.2	35.1	33.0	22
74.3	74.6	70.7	249.6	249.5	243.7	53.7	53.6	52.2	156.2	155.3	149.9	185.7	186.8	179.6	23
15.0	14.8	14.3	36.0	36.0	34.9	8.9	8.9	8.9	17.7	17.5	16.9	13.1	12.5	11.7	24
6.1	6.1	5.8	22.0	21.7	20.8	7.1	7.0	6.8	-	-	-	-	-	-	25
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
12.5	12.3	12.5	40.7	40.6	39.9	6.2	6.2	6.3	24.9	25.3	24.3	39.5	41.5	39.3	27
3.1	3.1	3.0	10.3	10.4	10.1	2.1	2.1	2.1	5.8	5.9	5.6	6.8	7.4	6.6	28
202.3	204.9	201.0	643.3	642.5	633.0	133.5	132.0	132.0	421.3	428.2	412.2	448.4	465.6	420.8	29
13.2	13.5	13.2	39.3	39.0	38.2	5.9	5.8	5.8	24.6	25.0	24.4	23.5	25.0	21.6	30
5.7	6.0	6.1	21.5	21.2	20.9	3.9	3.8	3.9	14.0	14.1	13.5	9.6	10.2	9.4	31
31.9	31.6	31.8	90.5	90.9	88.9	24.1	23.6	23.7	58.4	59.6	57.9	51.1	52.9	49.1	32
46.5	47.8	46.7	155.1	155.8	151.4	36.6	36.1	36.0	106.1	107.5	103.2	92.9	92.1	85.7	33
19.2	19.2	18.5	65.2	65.7	62.9	19.9	19.8	19.3	47.0	47.4	44.4	61.8	64.4	58.2	34
10.7	10.7	10.4	48.6	48.7	47.3	8.1	7.9	7.6	35.6	36.2	34.0	48.8	50.1	47.5	35
15.1	15.0	14.3	42.9	42.7	41.4	6.9	6.7	6.7	27.7	28.1	26.6	22.0	25.3	20.4	36
8.6	8.8	8.8	30.1	30.0	29.2	4.5	4.4	4.5	21.5	21.9	20.7	16.0	16.7	15.6	37
48.6	48.0	46.8	145.9	147.3	145.0	31.3	31.3	31.0	89.5	88.7	88.5	144.6	148.6	137.7	38
14.2	14.0	13.8	50.0	50.1	48.5	13.3	13.3	13.2	30.3	30.2	29.0	53.5	56.1	51.3	39
14.5	14.3	14.2	33.9	34.3	33.4	7.5	7.5	7.2	21.8	21.7	21.5	13.6	13.6	13.3	40
46.6	45.9	45.4	131.7	131.6	127.0	26.9	26.5	26.2	85.0	85.8	79.9	112.2	121.0	104.9	41
3.7	3.7	3.5	11.6	11.5	11.0	2.5	2.5	2.3	6.8	6.8	6.4	10.5	11.8	9.5	42
28.9	28.3	28.1	75.7	76.0	73.1	18.1	17.8	17.5	47.2	48.0	45.0	49.6	52.9	45.4	43
259.4	260.1	258.1	698.5	701.9	691.7	165.3	163.4	162.7	561.8	561.3	554.5	488.4	500.3	471.8	44
10.8	10.6	10.5	29.7	29.8	30.2	5.4	5.3	5.4	24.3	24.1	23.5	16.5	16.3	15.2	45
9.0	9.0	9.2	7.1	7.2	6.9	1.1	1.1	1.1	5.9	5.9	5.8	5.2	5.3	4.8	46
4.9	4.9	4.7	14.1	14.2	13.9	2.6	2.6	2.6	10.9	10.9	10.7	8.0	8.0	7.5	47
12.3	12.4	12.6	28.6	28.1	27.3	7.2	7.1	7.0	22.6	22.2	21.3	45.6	46.2	45.6	48
4.8	4.7	4.6	11.6	11.7	11.4	1.8	1.8	1.8	10.4	10.3	10.1	10.1	10.1	9.9	49
4.9	4.9	4.9	17.7	17.8	17.5	2.3	2.3	2.4	13.2	13.3	13.1	8.0	8.5	7.7	50
105.3	105.6	106.4	307.3	309.8	301.9	86.8	85.9	86.8	234.4	237.9	231.8	195.6	202.3	189.8	51
54.5	54.4	54.7	153.6	153.6	150.3	32.4	32.3	32.7	129.3	129.9	127.4	85.8	87.2	82.9	52
5.7	5.7	5.7	16.2	16.3	16.1	4.3	4.3	4.5	14.2	14.4	13.9	9.7	10.0	9.4	53
5.8	5.7	5.8	14.3	14.4	14.3	2.4	2.4	2.4	11.4	11.3	10.9	8.6	8.6	8.2	54
5.8	5.8	5.9	17.8	18.2	17.7	3.6	3.5	3.5	12.3	12.4	11.9	13.0	13.1	12.5	55
5.6	5.6	5.4	18.2	18.2	17.4	2.4	2.4	2.4	12.3	12.3	12.0	9.3	10.0	9.0	56
14.9	15.0	14.7	56.1	57.1	56.4	13.8	13.8	13.7	47.4	46.9	46.7	44.9	43.6	42.0	57
14.4	14.5	14.2	57.4	58.4	56.6	13.8	13.8	13.7	46.5	46.0	45.7	42.2	40.9	39.3	58

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
1	SOUTH CAROLINA.....	670.4	668.9	648.9	1.7	1.7	1.7	40.7	39.9	39.1	291.3	291.5	278.6
2	Charleston.....	69.3	69.4	65.8	(1)	(1)	(1)	6.2	6.1	4.9	11.4	11.7	11.7
3	Columbia.....	81.1	80.7	77.9	(1)	(1)	(1)	6.3	6.2	5.5	16.9	16.8	15.9
4	Greenville.....	96.8	97.1	93.4	(1)	(1)	(1)	6.8	6.8	6.6	49.1	49.5	46.8
5	SOUTH DAKOTA.....	151.7	154.6	156.5	2.6	2.5	2.6	9.6	9.3	12.3	13.4	13.3	13.7
6	Sioux Falls.....	31.6	31.6	30.4	(1)	(1)	(1)	2.7	2.6	2.4	5.5	5.5	5.5
7	TENNESSEE.....	1,109.9	1,092.1	1,055.3	6.9	6.8	6.8	62.7	61.3	60.2	385.3	377.1	361.9
8	Chattanooga.....	106.6	105.3	100.3	.2	.2	.2	5.8	5.8	4.4	44.9	43.7	42.1
9	Knoxville.....	129.6	129.2	123.3	1.7	1.7	1.7	5.8	6.0	5.8	45.6	45.1	43.4
10	Memphis.....	220.6	219.1	212.3	.3	.3	.3	12.7	12.5	12.8	50.3	49.8	48.0
11	Nashville.....	186.7	183.6	177.4	(1)	(1)	(1)	13.4	13.2	11.9	54.1	51.8	51.1
12	TEXAS.....	2,885.0	2,895.4	2,803.3	114.6	113.9	115.3	176.9	194.4	186.6	563.7	562.4	543.6
13	Dallas.....	468.7	475.0	460.2	7.9	7.8	7.9	21.0	30.7	32.0	121.0	120.8	113.5
14	Fort Worth.....	-	-	-	-	-	-	-	-	-	61.0	60.8	59.3
15	Houston.....	-	-	-	-	-	-	-	-	-	106.7	105.5	101.1
16	San Antonio.....	-	-	-	-	-	-	12.0	11.8	12.1	25.5	25.5	25.8
17	UTAH.....	304.5	302.2	292.0	11.7	11.5	7.7	19.3	18.4	20.3	50.3	49.1	51.4
18	Salt Lake City.....	165.5	165.2	158.0	6.5	6.4	2.5	12.0	11.4	12.5	28.3	28.2	27.1
19	VERMONT.....	126.4	120.1	118.7	1.2	1.2	1.2	7.8	7.4	6.7	39.0	38.6	35.2
20	Burlington 8.....	26.7	25.4	23.6	-	-	-	-	-	-	6.7	6.4	4.6
21	Springfield 8.....	13.3	13.0	12.9	-	-	-	-	-	-	7.0	7.0	6.8
22	VIRGINIA 4.....	1,201.8	1,203.5	1,159.5	15.8	15.6	15.8	101.2	99.7	95.6	316.3	315.0	305.5
23	Newport News-Hampton.....	81.0	81.8	80.2	(1)	(1)	(1)	6.3	6.2	5.8	25.0	25.3	26.4
24	Norfolk-Portsmouth.....	168.9	169.6	164.2	.1	.1	.1	15.3	15.0	14.5	19.1	18.6	18.1
25	Richmond.....	195.8	195.6	188.3	.2	.2	.3	15.5	15.4	14.7	47.7	48.0	46.2
26	Roanoke.....	68.5	68.1	65.3	.1	.1	.1	6.1	5.9	5.2	16.3	16.2	15.2
27	WASHINGTON.....	888.7	891.5	861.7	2.0	2.0	1.9	49.4	48.0	45.5	227.6	227.3	225.4
28	Seattle-Everett.....	409.9	413.2	394.3	(1)	(1)	(1)	21.7	20.8	20.0	115.2	116.0	111.2
29	Spokane.....	75.3	75.2	74.1	(1)	(1)	(1)	4.0	3.8	3.3	12.9	12.8	13.2
30	Tacoma.....	86.1	85.2	83.4	(1)	(1)	(1)	4.6	4.3	4.1	18.9	18.0	18.6
31	WEST VIRGINIA.....	478.6	476.1	459.7	48.0	48.5	48.5	24.8	24.2	24.2	127.4	128.4	124.7
32	Charleston.....	75.2	76.3	74.6	3.5	3.5	3.6	2.9	2.9	3.3	20.3	21.0	20.8
33	Huntington-Ashland.....	74.4	74.5	73.1	.9	.8	.9	4.7	4.5	5.0	26.3	26.2	25.2
34	Wheeling.....	51.8	51.9	51.0	2.6	2.6	2.6	3.4	3.0	3.0	16.5	16.3	15.8
35	WISCONSIN.....	1,334.0	1,334.0	1,282.8	2.9	2.8	2.9	66.2	63.6	66.2	494.3	489.2	470.8
36	Green Bay.....	44.0	44.1	42.9	(1)	(1)	(1)	2.2	2.2	2.3	14.8	14.5	14.5
37	Kenosha.....	34.0	37.2	31.6	(1)	(1)	(1)	1.5	1.4	1.6	18.3	21.4	16.1
38	La Crosse.....	26.3	25.8	24.6	(1)	(1)	(1)	1.1	1.0	1.3	9.3	9.0	8.1
39	Madison.....	91.4	92.6	88.2	(1)	(1)	(1)	6.6	6.4	6.5	14.6	14.3	14.0
40	Milwaukee.....	499.4	500.6	476.9	(1)	(1)	(1)	24.9	24.1	22.2	201.5	201.0	191.1
41	Racine.....	51.2	51.7	47.8	(1)	(1)	(1)	2.3	2.0	2.0	25.3	25.9	23.1
42	WYOMING.....	105.3	103.2	108.0	9.1	8.9	8.9	9.8	9.1	11.5	6.9	6.5	7.9
43	Casper.....	17.8	17.7	18.6	3.2	3.2	3.5	1.0	1.0	1.6	1.5	1.5	1.6
44	Cheyenne.....	17.9	17.8	20.7	(1)	(1)	(1)	1.7	1.6	3.1	1.1	1.1	2.1

¹Combined with service.

²Revised series; not strictly comparable with previously published data.

³Combined with construction.

⁴Federal employment in Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.

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
STATE AND AREA EMPLOYMENT**

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

thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	
28.1	28.1	27.7	112.2	111.8	110.5	24.6	24.4	24.1	68.4	68.4	68.4	103.4	103.1	96.8	1
4.1	4.3	4.3	14.3	14.3	13.5	2.8	2.8	2.8	7.9	7.8	7.7	22.6	22.4	20.9	2
5.2	5.1	5.0	17.2	17.1	16.8	5.9	5.9	5.7	9.8	9.9	9.8	19.8	19.7	19.2	3
3.7	3.6	3.6	15.7	15.7	15.4	3.6	3.6	3.6	10.1	10.1	10.0	7.8	7.8	7.4	4
10.0	10.1	10.2	40.3	39.9	42.2	7.2	7.2	7.0	23.9	24.2	24.7	44.8	48.3	44.1	5
2.8	2.8	2.8	9.8	9.8	9.3	1.8	1.8	1.7	5.3	5.4	5.1	3.8	3.8	3.7	6
57.1	56.5	56.1	218.5	216.8	209.6	47.0	46.8	45.4	146.9	146.2	142.2	185.5	180.6	173.1	7
5.2	5.2	5.0	19.0	19.3	18.9	5.8	5.7	5.6	13.0	12.8	12.4	12.7	12.6	11.7	8
6.8	6.7	6.6	26.6	26.5	25.1	4.6	4.7	4.4	15.7	15.6	14.8	22.8	22.9	21.5	9
16.7	16.7	16.4	57.2	57.4	55.4	12.2	12.1	11.9	33.0	33.0	32.5	38.2	37.3	35.0	10
11.2	11.2	10.8	38.5	38.4	37.7	12.0	11.9	11.7	28.7	28.9	28.6	28.8	28.2	25.6	11
220.2	219.9	220.6	724.2	718.9	691.6	155.8	154.3	149.9	433.7	430.3	410.6	495.9	501.3	485.1	12
38.3	38.0	36.8	129.3	127.5	125.2	39.3	39.1	38.6	65.6	65.0	61.0	46.3	46.0	45.2	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
9.7	9.7	9.8	-	-	-	13.2	13.2	13.1	-	-	-	57.1	57.1	55.7	16
22.3	22.1	22.2	69.1	68.7	67.1	13.1	13.0	13.0	42.5	42.1	40.6	76.2	77.3	69.7	17
14.1	14.0	14.1	43.0	42.8	42.3	10.1	10.0	10.1	24.1	24.0	23.4	27.4	28.4	26.0	18
7.1	7.1	7.1	22.9	22.7	22.3	4.4	4.3	4.3	25.1	20.8	24.5	19.0	18.2	17.5	19
1.6	1.6	1.7	5.9	5.8	5.5	-	-	-	-	-	-	-	-	-	20
.7	.7	.7	1.7	1.7	1.6	-	-	-	-	-	-	-	-	-	21
86.4	86.2	83.8	246.6	245.9	238.7	54.2	53.6	52.2	162.3	161.3	158.0	219.0	226.2	209.9	22
3.8	3.8	4.0	13.7	13.7	12.8	2.4	2.4	2.4	8.7	8.6	8.2	21.1	21.8	20.6	23
14.7	14.7	14.5	41.1	41.0	39.9	6.9	6.9	6.9	23.2	22.9	22.5	48.5	50.4	47.7	24
15.9	15.9	15.5	44.3	43.9	42.7	15.3	15.1	15.1	25.6	25.4	24.3	31.3	32.7	29.5	25
9.0	8.8	8.7	15.2	15.1	14.7	3.5	3.4	3.4	10.1	10.0	9.9	8.2	8.6	8.1	26
62.1	61.5	62.3	194.2	192.5	189.9	44.2	43.9	43.5	125.4	123.8	117.2	183.8	192.5	176.0	27
31.7	31.4	30.6	91.4	91.0	89.3	26.1	25.8	25.6	57.9	57.9	56.4	65.9	70.3	61.2	28
7.3	7.1	7.4	19.9	19.8	19.8	4.4	4.3	4.3	13.7	13.7	13.1	13.1	13.7	13.0	29
5.6	5.5	5.6	18.8	18.6	17.8	4.4	4.4	4.2	13.0	12.9	12.7	20.8	21.5	20.4	30
40.6	40.8	41.5	80.5	80.4	80.8	13.7	13.7	13.9	57.1	57.2	55.3	86.5	82.8	70.7	31
8.8	8.8	8.6	15.9	16.0	16.3	3.3	3.3	3.3	9.6	9.5	9.5	11.0	11.5	9.4	32
6.7	7.0	7.0	15.4	15.4	15.5	2.8	2.8	2.7	8.4	8.4	8.3	9.4	9.5	8.7	33
3.7	3.7	3.7	10.7	10.8	11.2	1.9	1.9	2.0	7.7	7.7	7.6	5.6	6.0	5.3	34
74.7	76.3	73.6	272.0	272.4	262.5	53.2	52.4	51.2	174.8	174.6	168.2	195.8	202.7	187.3	35
4.0	4.1	4.2	10.8	10.9	10.4	1.3	1.3	1.2	6.4	6.4	6.2	4.5	4.6	4.2	36
1.4	1.5	1.6	5.1	4.9	4.8	.8	.8	.7	3.9	3.9	3.8	3.0	3.2	2.9	37
2.0	2.0	2.0	5.8	5.8	5.6	.6	.6	.6	4.3	4.2	4.2	3.2	3.2	2.9	38
4.9	4.8	4.7	18.9	18.8	18.0	4.8	4.8	4.7	13.0	13.2	12.4	28.7	30.2	28.0	39
28.3	29.0	27.9	99.9	100.2	96.8	24.5	24.2	23.9	65.4	66.2	63.5	54.9	55.8	51.6	40
1.9	1.9	1.9	8.7	8.8	8.6	1.3	1.4	1.3	6.2	6.1	5.9	5.4	5.6	5.1	41
10.3	10.1	10.9	22.4	22.0	22.4	3.6	3.5	3.4	16.9	16.3	17.6	26.3	26.8	25.4	42
1.7	1.6	1.7	4.7	4.7	4.7	.8	.8	.8	2.4	2.4	2.3	2.5	2.5	2.4	43
2.6	2.6	2.7	3.9	3.9	4.1	1.0	1.0	1.0	2.5	2.5	2.6	5.1	5.1	5.1	44

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

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

Year and month	Manufacturing			Durable goods			Nondurable goods		
	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
1919.....	\$21.84	46.3	\$0.472	-	-	-	-	-	-
1920.....	26.02	47.4	.549	-	-	-	-	-	-
1921.....	21.94	43.1	.509	-	-	-	-	-	-
1922.....	21.28	44.2	.482	-	-	-	-	-	-
1923.....	23.56	45.6	.516	\$25.42	-	-	\$21.50	-	-
1924.....	23.67	43.7	.541	25.48	-	-	21.63	-	-
1925.....	24.11	44.5	.541	26.02	-	-	21.99	-	-
1926.....	24.38	45.0	.542	26.23	-	-	22.29	-	-
1927.....	24.47	45.0	.544	26.28	-	-	22.55	-	-
1928.....	24.70	44.4	.556	26.86	-	-	22.42	-	-
1929.....	24.76	44.2	.560	26.84	-	-	22.47	-	-
1930.....	23.00	42.1	.546	24.42	-	-	21.40	-	-
1931.....	20.64	40.5	.509	20.98	-	-	20.09	-	-
1932.....	16.89	38.3	.441	15.99	32.5	\$0.492	17.26	41.9	\$0.412
1933.....	16.65	38.1	.437	16.20	34.7	.467	16.76	40.0	.419
1934.....	18.20	34.6	.526	18.59	33.8	.550	17.73	35.1	.505
1935.....	19.91	36.6	.544	21.24	37.2	.571	18.77	36.1	.520
1936.....	21.56	39.2	.550	23.72	40.9	.580	19.57	37.7	.519
1937.....	23.82	38.6	.617	26.61	39.9	.667	21.17	37.4	.566
1938.....	22.07	35.6	.620	23.70	34.9	.679	20.65	36.1	.572
1939.....	23.64	37.7	.627	26.19	37.9	.691	21.36	37.4	.571
1940.....	24.96	38.1	.655	28.07	39.2	.716	21.83	37.0	.590
1941.....	29.48	40.6	.726	33.56	42.0	.799	24.39	38.9	.627
1942.....	36.68	43.1	.851	42.17	45.0	.937	28.57	40.3	.709
1943.....	43.07	45.0	.957	48.73	46.5	1.048	33.45	42.5	.787
1944.....	45.70	45.2	1.011	51.38	46.5	1.105	36.38	43.1	.844
1945.....	44.20	43.5	1.016	48.36	44.0	1.099	37.48	42.3	.886
1946.....	43.32	40.3	1.075	46.22	40.4	1.144	40.30	40.5	.995
1947.....	49.17	40.4	1.217	51.76	40.5	1.278	46.03	40.2	1.145
1948.....	53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....	53.38	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....	58.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....	82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....	89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....	96.56	40.4	2.39	104.70	40.9	2.56	85.93	39.6	2.17
1963.....	99.63	40.5	2.46	108.50	41.1	2.64	87.91	39.6	2.22
1964.....	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1964: August.....	103.07	40.9	2.52	112.47	41.5	2.71	91.83	40.1	2.29
September.....	104.60	40.7	2.57	114.13	41.5	2.75	91.87	39.6	2.32
October.....	102.97	40.7	2.53	111.51	41.3	2.70	92.00	40.0	2.30
November.....	104.70	40.9	2.56	113.57	41.6	2.73	92.17	39.9	2.31
December.....	106.81	41.4	2.58	117.17	42.3	2.77	93.26	40.2	2.32
1965: January.....	105.93	40.9	2.59	115.51	41.7	2.77	92.50	39.7	2.33
February.....	105.93	40.9	2.59	115.51	41.7	2.77	92.73	39.8	2.33
March.....	107.12	41.2	2.60	117.04	42.1	2.78	93.60	40.0	2.34
April.....	105.82	40.7	2.60	115.65	41.6	2.78	92.20	39.4	2.34
May.....	107.53	41.2	2.61	117.88	42.1	2.80	94.00	40.0	2.35
June.....	108.21	41.3	2.62	118.16	42.2	2.80	94.24	40.1	2.35
July.....	107.01	41.0	2.61	116.06	41.6	2.79	94.64	40.1	2.36
August.....	106.60	41.0	2.60	115.65	41.6	2.78	94.71	40.3	2.35

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
MINING	-	\$123.22	\$124.82	\$119.56	\$117.18	-	\$2.92	\$2.93	\$2.84	\$2.81
METAL MINING	-	128.90	127.26	121.95	121.06	-	3.04	3.03	2.96	2.96
Iron ores	-	133.03	128.13	129.37	129.34	-	3.13	3.11	3.14	3.17
Copper ores	-	135.91	133.61	124.44	124.03	-	3.11	3.10	3.05	3.04
COAL MINING	-	133.04	142.68	131.01	121.32	-	(*)	3.48	3.30	(*)
Bituminous	-	136.02	146.08	133.27	122.84	-	(*)	3.52	3.34	(*)
CRUDE PETROLEUM AND NATURAL GAS	-	115.93	115.51	112.32	113.63	-	2.78	2.77	2.70	2.68
Crude petroleum and natural gas fields	-	123.11	120.80	120.66	121.60	-	3.01	2.99	2.95	2.93
Oil and gas field services	-	110.66	111.02	105.25	106.46	-	2.61	2.60	2.50	2.47
QUARRYING AND NONMETALLIC MINING	-	122.76	121.83	119.25	117.81	-	2.64	2.62	2.57	2.55
CONTRACT CONSTRUCTION	-	140.12	138.70	136.64	134.49	-	3.63	3.65	3.54	3.53
GENERAL BUILDING CONTRACTORS	-	127.62	127.02	125.46	122.67	-	3.44	3.48	3.40	3.37
HEAVY CONSTRUCTION	-	142.10	139.28	140.83	137.92	-	3.32	3.34	3.26	3.23
Highway and street construction	-	143.77	140.06	139.80	136.16	-	3.26	3.28	3.17	3.13
Other heavy construction	-	140.15	138.17	142.04	139.78	-	3.41	3.42	3.39	3.36
SPECIAL TRADE CONTRACTORS	-	147.02	146.22	142.13	140.61	-	3.91	3.92	3.78	3.79
MANUFACTURING	\$106.60	107.01	108.21	103.07	102.97	\$2.60	2.61	2.62	2.52	2.53
DURABLE GOODS	115.65	116.06	118.16	112.47	111.92	2.78	2.79	2.80	2.71	2.71
NONDURABLE GOODS	94.71	94.64	94.24	91.83	91.14	2.35	2.36	2.35	2.29	2.29
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	127.20	129.89	128.44	121.10	119.70	3.11	3.10	3.08	3.02	3.00
Ammunition, except for small arms	130.56	134.72	133.14	123.38	122.28	3.20	3.20	3.17	3.10	3.08
Sighting and fire control equipment	-	126.77	129.34	130.51	128.93	-	3.13	3.17	3.16	3.16
Other ordnance and accessories	119.19	120.22	119.36	115.14	113.08	2.90	2.89	2.89	2.85	2.82
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	90.98	89.47	90.54	89.98	87.89	2.23	2.22	2.23	2.20	2.17
Sawmills and planing mills	84.67	82.21	82.21	81.80	80.59	2.06	2.04	2.04	2.00	1.98
Sawmills and planing mills, general	-	84.02	84.21	83.64	82.42	-	2.09	2.10	2.05	2.03
Millwork, plywood, and related products	97.63	96.51	97.67	94.66	93.34	2.33	2.32	2.32	2.27	2.26
Millwork	-	94.07	94.35	92.51	90.98	-	2.30	2.29	2.24	2.23
Veneer and plywood	-	98.51	100.85	97.75	95.95	-	2.34	2.34	2.30	2.29
Wooden containers	72.22	72.22	73.81	70.30	71.17	1.77	1.77	1.77	1.74	1.74
Wooden boxes, shooks, and crates	-	71.40	72.73	69.43	70.45	-	1.75	1.74	1.71	1.71
Miscellaneous wood products	80.93	80.34	80.54	79.49	76.17	1.95	1.95	1.95	1.92	1.89
FURNITURE AND FIXTURES	90.10	86.31	86.94	85.48	83.23	2.13	2.10	2.10	2.04	2.04
Household furniture	84.62	80.99	81.38	81.51	78.55	2.01	1.99	1.98	1.95	1.93
Wood house furniture, unupholstered	-	76.73	77.83	76.68	74.64	-	1.84	1.84	1.80	1.79
Wood house furniture, upholstered	-	84.24	85.46	85.03	82.50	-	2.16	2.18	2.11	2.11
Mattresses and bedsprings	-	90.40	87.86	92.20	87.42	-	2.26	2.23	2.19	2.18
Office furniture	-	105.42	105.72	100.91	98.53	-	2.51	2.47	2.38	2.38
Partitions; office and store fixtures	-	113.52	112.02	108.21	108.39	-	2.69	2.68	2.62	2.65
Other furniture and fixtures	92.60	91.78	94.37	89.03	86.93	2.21	2.18	2.21	2.09	2.11
STONE, CLAY, AND GLASS PRODUCTS	111.51	110.99	110.99	107.78	107.36	2.63	2.63	2.63	2.56	2.55
Flat glass	-	147.63	149.29	144.06	141.86	-	3.49	3.48	3.43	3.41
Glass and glassware, pressed or blown	106.39	106.52	105.59	102.36	103.22	2.64	2.63	2.62	2.54	2.53
Glass containers	-	109.08	108.41	104.23	106.14	-	2.68	2.69	2.58	2.57
Pressed and blown glassware, a.e.c.	-	103.17	102.62	99.85	99.45	-	2.56	2.54	2.49	2.48
Cement, hydraulic	123.71	123.90	122.25	123.14	124.91	3.01	3.00	2.96	2.96	2.96
Structural clay products	97.10	96.18	95.34	92.35	91.74	2.29	2.29	2.27	2.22	2.20
Brick and structural clay tile	-	91.16	90.51	87.96	87.31	-	2.12	2.10	2.06	2.04
Pottery and related products	-	92.34	95.12	91.18	92.83	-	2.38	2.39	2.32	2.35
Concrete, gypsum, and plaster products	118.35	117.19	116.77	114.62	112.78	2.63	2.61	2.63	2.57	2.54
Other stone and mineral products	109.78	109.78	110.14	108.20	106.34	2.62	2.62	2.61	2.57	2.55
Abrasive products	-	114.93	113.97	104.80	108.94	-	2.73	2.72	2.62	2.67

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				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
MINING	-	42.2	42.6	42.1	41.7	-	-	-	-	-
METAL MINING	-	42.4	42.0	41.2	40.9	-	-	-	-	-
Iron ores	-	42.5	41.2	41.2	40.8	-	-	-	-	-
Copper ores	-	43.7	43.1	40.8	40.8	-	-	-	-	-
COAL MINING	-	(*)	41.0	39.7	(*)	-	-	-	-	-
Bituminous	-	(*)	41.5	39.9	(*)	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS	-	41.7	41.7	41.6	42.4	-	-	-	-	-
Crude petroleum and natural gas fields	-	40.9	40.4	40.9	41.5	-	-	-	-	-
Oil and gas field services	-	42.4	42.7	42.1	43.1	-	-	-	-	-
QUARRYING AND NONMETALLIC MINING	-	46.5	46.5	46.4	46.2	-	-	-	-	-
CONTRACT CONSTRUCTION	-	38.6	38.0	38.6	38.1	-	-	-	-	-
GENERAL BUILDING CONTRACTORS	-	37.1	36.5	36.9	36.4	-	-	-	-	-
HEAVY CONSTRUCTION	-	42.8	41.7	43.2	42.7	-	-	-	-	-
Highway and street construction	-	44.1	42.7	44.1	43.5	-	-	-	-	-
Other heavy construction	-	41.1	40.4	41.9	41.6	-	-	-	-	-
SPECIAL TRADE CONTRACTORS	-	37.6	37.3	37.6	37.1	-	-	-	-	-
MANUFACTURING	41.0	41.0	41.1	40.9	40.7	3.5	3.4	3.6	3.3	3.0
DURABLE GOODS	41.6	41.6	42.2	41.5	41.3	3.7	3.7	4.0	3.5	3.1
NONDURABLE GOODS	40.3	40.1	40.1	40.1	39.8	3.2	3.1	3.1	3.1	2.9
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	40.9	41.9	41.7	40.1	39.9	-	2.9	2.7	1.8	1.6
Ammunition, except for small arms	40.8	42.1	42.0	39.8	39.7	-	3.1	2.9	1.6	1.6
Sighting and fire control equipment	-	40.5	40.8	41.3	40.8	-	1.2	1.4	1.7	1.6
Other ordnance and accessories	41.1	41.6	41.3	40.4	40.1	-	2.8	2.5	2.1	1.6
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	40.8	40.3	40.6	40.9	40.5	-	3.7	3.8	4.0	3.4
Sawmills and planing mills	41.1	40.3	40.3	40.9	40.7	-	3.7	3.6	3.8	3.5
Sawmills and planing mills, general	-	40.2	40.1	40.8	40.6	-	-	-	-	-
Millwork, plywood, and related products	41.9	41.6	42.1	41.7	41.3	-	4.0	4.2	4.0	3.3
Millwork	-	40.9	41.2	41.3	40.8	-	-	-	-	-
Veneer and plywood	-	42.1	43.1	42.5	41.9	-	-	-	-	-
Wooden containers	40.8	40.8	41.7	40.4	40.9	-	3.4	3.7	3.3	3.3
Wooden boxes, shooks, and crates	-	40.8	41.8	40.6	41.2	-	-	-	-	-
Miscellaneous wood products	41.5	41.2	41.3	41.4	40.3	-	3.4	3.6	3.8	3.2
FURNITURE AND FIXTURES	42.3	41.1	41.4	41.9	40.8	-	3.1	3.5	3.6	3.0
Household furniture	42.1	40.7	41.1	41.8	40.7	-	2.9	3.4	3.6	3.0
Wood house furniture, upholstered	-	41.7	42.3	42.6	41.7	-	-	-	-	-
Wood house furniture, upholstered	-	39.0	39.2	40.3	39.1	-	-	-	-	-
Mattresses and bedspings	-	40.0	39.4	42.1	40.1	-	-	-	-	-
Office furniture	-	42.0	42.8	42.4	41.4	-	3.9	3.9	3.3	2.5
Partitions; office and store fixtures	-	42.2	41.8	41.3	40.9	-	3.5	3.6	3.2	3.0
Other furniture and fixtures	41.9	42.1	42.7	42.6	41.2	-	3.6	4.4	4.2	3.1
STONE, CLAY, AND GLASS PRODUCTS	42.4	42.2	42.2	42.1	42.1	-	4.4	4.3	4.3	4.1
Flat glass	-	42.3	42.9	42.0	41.6	-	3.7	3.7	3.4	2.9
Glass and glassware, pressed or blown	40.3	40.5	40.3	40.3	40.8	-	3.9	3.9	3.9	3.8
Glass containers	-	40.7	40.3	40.4	41.3	-	-	-	-	-
Pressed and blown glassware, n.e.c.	-	40.3	40.4	40.1	40.1	-	-	-	-	-
Cement, hydraulic	41.1	41.3	41.3	41.6	42.2	-	2.6	2.2	2.4	2.3
Structural clay products	42.4	42.0	42.0	41.6	41.7	-	3.9	3.7	3.5	3.6
Brick and structural clay tile	-	43.0	43.1	42.7	42.8	-	-	-	-	-
Pottery and related products	-	38.8	39.8	39.3	39.5	-	1.8	2.2	2.0	2.1
Concrete, gypsum, and plaster products	45.0	44.9	44.4	44.6	44.4	-	6.8	6.6	6.7	6.4
Other stone and mineral products	41.9	41.9	42.2	42.1	41.7	-	3.6	3.6	3.7	3.2
Abrasives products	-	42.1	41.9	40.0	40.8	-	-	-	-	-

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	\$132.82	\$135.68	\$135.89	\$130.00	\$128.96	\$3.17	\$3.20	\$3.19	\$3.11	\$3.10
Blast furnace and basic steel products	138.92	144.75	143.64	138.77	137.61	3.38	3.43	3.42	3.36	3.34
Blast furnaces, steel and rolling mills	-	146.09	144.63	140.08	138.92	-	3.47	3.46	3.40	3.38
Iron and steel foundries	123.84	123.41	127.16	119.26	118.15	2.88	2.87	2.89	2.78	2.78
Gray iron foundries	-	124.68	128.13	117.94	117.27	-	2.84	2.86	2.73	2.74
Malleable iron foundries	-	121.36	126.35	123.84	119.28	-	2.96	2.98	2.88	2.84
Steel foundries	-	121.38	124.98	120.83	120.69	-	2.89	2.92	2.87	2.86
Nonferrous smelting and refining	124.50	124.98	124.02	120.18	119.48	3.00	2.99	2.96	2.91	2.90
Nonferrous rolling, drawing and extruding	130.66	129.77	131.40	121.82	121.69	2.99	2.99	3.00	2.88	2.87
Copper rolling, drawing, and extruding	-	137.51	139.36	127.15	127.01	-	3.09	3.09	2.95	2.94
Aluminum rolling, drawing, and extruding	-	134.39	134.30	122.59	125.82	-	3.14	3.16	2.99	3.01
Nonferrous wire drawing and insulating	-	121.80	123.36	118.37	115.02	-	2.80	2.81	2.74	2.70
Nonferrous foundries	111.10	109.75	113.13	110.12	109.59	2.69	2.69	2.70	2.66	2.66
Aluminum castings	-	110.02	112.88	112.02	111.10	-	2.73	2.72	2.68	2.69
Other nonferrous castings	-	109.45	113.36	108.65	108.09	-	2.65	2.68	2.65	2.63
Miscellaneous primary metal industries	140.68	140.53	141.01	133.56	130.00	3.31	3.33	3.31	3.18	3.14
Iron and steel forgings	-	146.70	145.78	137.37	134.48	-	3.46	3.43	3.31	3.28
FABRICATED METAL PRODUCTS	116.20	114.95	117.02	112.98	111.07	2.76	2.75	2.76	2.69	2.67
Metal cans	141.56	141.36	138.45	139.46	136.53	3.21	3.22	3.19	3.12	3.11
Cutlery, hand tools, and general hardware	107.57	106.92	108.65	109.36	105.37	2.63	2.64	2.65	2.61	2.57
Cutlery and hand tools, including saws	-	102.77	106.24	100.94	100.28	-	2.55	2.56	2.48	2.47
Hardware, n.e.c.	-	109.21	110.16	114.59	109.03	-	2.69	2.70	2.69	2.64
Heating equipment and plumbing fixtures	105.71	105.18	107.71	104.60	103.68	2.61	2.61	2.64	2.57	2.56
Sanitary ware and plumbers' brass goods	-	103.74	107.45	106.90	103.79	-	2.60	2.64	2.62	2.55
Heating equipment, except electric	-	106.23	107.83	102.47	103.42	-	2.61	2.63	2.53	2.56
Fabricated structural metal products	114.95	114.26	114.93	111.61	110.51	2.75	2.74	2.73	2.67	2.65
Fabricated structural steel	-	118.44	117.87	114.63	114.21	-	2.80	2.78	2.71	2.70
Metal doors, sash, frames, and trim	-	95.76	99.36	96.70	94.35	-	2.33	2.36	2.33	2.29
Fabricated plate work (boiler shops)	-	120.69	118.28	115.09	115.09	-	2.86	2.85	2.78	2.76
Sheet metal work	-	118.49	122.25	116.06	113.85	-	2.89	2.89	2.79	2.77
Architectural and miscellaneous metal work	-	112.34	115.90	114.24	111.90	-	2.72	2.74	2.72	2.69
Screw machine products, bolts, etc.	119.74	117.66	121.38	112.36	111.67	2.74	2.73	2.74	2.65	2.64
Screw machine products	-	110.59	113.62	107.43	105.75	-	2.59	2.60	2.51	2.50
Bolts, nuts, screws, rivets, and washers	-	123.69	127.40	116.62	116.33	-	2.85	2.85	2.77	2.75
Metal stampings	128.01	126.69	130.52	123.70	121.98	2.97	2.96	2.98	2.87	2.87
Coating, engraving, and allied services	103.50	103.34	105.33	99.95	97.44	2.50	2.49	2.49	2.42	2.40
Miscellaneous fabricated wire products	102.59	102.50	104.33	99.46	97.03	2.49	2.50	2.49	2.42	2.39
Miscellaneous fabricated metal products	113.13	111.64	113.55	109.59	108.39	2.70	2.69	2.71	2.66	2.65
Valves, pipe, and pipe fittings	-	114.81	116.89	110.97	111.37	-	2.74	2.77	2.70	2.69
MACHINERY	125.54	125.54	127.74	121.11	121.82	2.94	2.94	2.95	2.87	2.88
Engines and turbines	129.51	130.70	133.76	129.47	130.41	3.19	3.18	3.20	3.15	3.15
Steam engines and turbines	-	143.22	138.65	137.97	137.36	-	3.41	3.39	3.39	3.40
Internal combustion engines, n.e.c.	-	125.36	131.66	125.55	126.96	-	3.08	3.12	3.04	3.03
Farm machinery and equipment	-	117.56	120.18	119.52	118.66	-	2.91	2.91	2.88	2.88
Construction and related machinery	124.32	125.67	126.56	120.54	120.83	2.96	2.95	2.95	2.87	2.87
Construction and mining machinery	-	128.17	128.78	120.42	120.42	-	3.03	3.03	2.93	2.93
Oil field machinery and equipment	-	118.96	119.66	117.50	119.34	-	2.76	2.77	2.72	2.70
Conveyors, hoists, and industrial cranes	-	124.56	124.11	122.08	123.64	-	2.87	2.84	2.80	2.81
Metalworking machinery and equipment	140.18	141.57	145.46	132.68	136.89	3.15	3.16	3.19	3.05	3.09
Machine tools, metal cutting types	-	136.64	138.78	126.69	131.57	-	3.05	3.05	2.96	2.97
Special dies, tools, jigs, and fixtures	-	155.26	160.77	144.38	153.85	-	3.39	3.45	3.23	3.33
Machine tool accessories	-	130.09	131.42	117.29	119.43	-	2.93	2.94	2.84	2.83
Miscellaneous metalworking machinery	-	132.98	136.17	130.52	126.69	-	3.05	3.06	2.98	2.96
Special industry machinery	119.66	118.56	120.77	114.33	113.63	2.77	2.77	2.77	2.69	2.68
Food products machinery	-	126.56	129.21	118.71	117.31	-	2.95	2.95	2.84	2.82
Textile machinery	-	100.67	103.53	95.76	93.98	-	2.38	2.38	2.28	2.27
General industrial machinery	126.42	124.82	127.74	120.96	120.54	2.94	2.93	2.95	2.88	2.87
Pumps; air and gas compressors	-	120.98	123.39	116.90	118.15	-	2.82	2.83	2.79	2.78
Ball and roller bearings	-	127.50	130.72	123.55	118.96	-	3.00	3.04	2.97	2.93
Mechanical power transmission goods	-	127.44	131.13	124.42	122.98	-	2.95	2.96	2.88	2.86
Office, computing, and accounting machines	126.90	126.72	126.60	120.42	120.36	3.00	3.01	3.00	2.93	2.95
Computing machines and cash registers	-	134.94	135.26	127.39	127.80	-	3.19	3.19	3.13	3.14
Service industry machines	111.24	110.56	115.06	107.94	108.21	2.70	2.69	2.72	2.62	2.62
Refrigeration, except home refrigerators	-	111.11	116.45	107.79	108.73	-	2.71	2.74	2.61	2.62
Miscellaneous machinery	119.54	119.51	120.93	115.29	115.02	2.78	2.76	2.78	2.70	2.70

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

ESTABLISHMENT DATA
HOURS AND EARNINGS

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

Industry	Average weekly hours					Average overtime hours				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	41.9	42.4	42.6	41.8	41.6	-	3.9	4.1	3.3	3.0
Blast furnace and basic steel products	41.1	42.2	42.0	41.3	41.2	-	3.1	3.2	2.5	2.3
Blast furnaces, steel and rolling mills	-	42.1	41.8	41.2	41.1	-	-	-	-	-
Iron and steel foundries	43.0	43.0	44.0	42.9	42.5	-	5.4	5.9	4.7	4.4
Gray iron foundries	-	43.9	44.8	43.2	42.8	-	-	-	-	-
Malleable iron foundries	-	41.0	42.4	43.0	42.0	-	-	-	-	-
Steel foundries	-	42.0	42.8	42.1	42.2	-	-	-	-	-
Nonferrous smelting and refining	41.5	41.8	41.9	41.3	41.2	-	3.4	3.6	3.2	3.0
Nonferrous rolling, drawing and extruding	43.7	43.4	43.8	42.3	42.4	-	4.9	5.4	4.1	3.7
Copper rolling, drawing, and extruding	-	44.5	45.1	43.1	43.2	-	-	-	-	-
Aluminum rolling, drawing, and extruding	-	42.8	42.5	41.0	41.8	-	-	-	-	-
Nonferrous wire drawing and insulating	-	43.5	43.9	43.2	42.6	-	-	-	-	-
Nonferrous foundries	41.3	40.8	41.9	41.4	41.2	-	3.2	3.8	3.2	3.0
Aluminum castings	-	40.3	41.5	41.8	41.3	-	-	-	-	-
Other nonferrous castings	-	41.3	42.3	41.0	41.1	-	-	-	-	-
Miscellaneous primary metal industries	42.5	42.2	42.6	42.0	41.4	-	5.0	4.8	4.0	3.4
Iron and steel forgings	-	42.4	42.5	41.5	41.0	-	-	-	-	-
FABRICATED METAL PRODUCTS	42.1	41.8	42.4	42.0	41.6	-	3.8	4.1	3.8	3.4
Metal cans	44.1	43.9	43.4	44.7	43.9	-	4.9	4.6	5.2	4.8
Cutlery, hand tools, and general hardware	40.9	40.5	41.0	41.9	41.0	-	2.7	3.0	3.7	2.9
Cutlery and hand tools, including saws	-	40.3	41.5	40.7	40.6	-	-	-	-	-
Hardware, n.e.c.	-	40.6	40.8	42.6	41.3	-	-	-	-	-
Heating equipment and plumbing fixtures	40.5	40.3	40.8	40.7	40.5	-	2.5	2.7	2.7	2.5
Sanitary ware and plumbers' brass goods	-	39.9	40.7	40.8	40.7	-	-	-	-	-
Heating equipment, except electric	-	40.7	41.0	40.5	40.4	-	-	-	-	-
Fabricated structural metal products	41.8	41.7	42.1	41.8	41.7	-	3.7	3.8	3.5	3.3
Fabricated structural steel	-	42.3	42.4	42.3	42.3	-	-	-	-	-
Metal doors, sash, frames, and trim	-	41.1	42.1	41.5	41.2	-	-	-	-	-
Fabricated plate work (boiler shops)	-	42.4	41.5	41.4	41.7	-	-	-	-	-
Sheet metal work	-	41.0	42.3	41.6	41.1	-	-	-	-	-
Architectural and miscellaneous metal work	-	41.3	42.3	42.0	41.6	-	-	-	-	-
Screw machine products, bolts, etc.	43.7	43.1	44.3	42.4	42.3	-	4.9	5.4	4.2	3.9
Screw machine products	-	42.7	43.7	42.8	42.3	-	-	-	-	-
Bolts, nuts, screws, rivets, and washers	-	43.4	44.7	42.1	42.3	-	-	-	-	-
Metal stampings	43.1	42.8	43.8	43.1	42.5	-	5.1	5.3	4.9	4.1
Coating, engraving, and allied services	41.4	41.5	42.3	41.3	40.6	-	3.9	4.5	3.9	3.3
Miscellaneous fabricated wire products	41.2	41.0	41.9	41.1	40.6	-	3.4	4.0	3.4	3.0
Miscellaneous fabricated metal products	41.9	41.5	41.9	41.2	40.9	-	3.0	3.6	2.9	2.5
Valves, pipe, and pipe fittings	-	41.9	42.2	41.1	41.4	-	-	-	-	-
MACHINERY	42.7	42.7	43.3	42.2	42.3	-	4.4	4.9	3.8	3.8
Engines and turbines	40.6	41.1	41.8	41.1	41.4	-	3.6	4.0	3.2	3.8
Steam engines and turbines	-	42.0	40.9	40.7	40.4	-	-	-	-	-
Internal combustion engines, n.e.c.	-	40.7	42.2	41.3	41.9	-	-	-	-	-
Farm machinery and equipment	-	40.4	41.3	41.5	41.2	-	2.6	2.8	2.5	2.3
Construction and related machinery	42.0	42.6	42.9	42.0	42.1	-	4.3	4.4	3.5	3.4
Construction and mining machinery	-	42.3	42.5	41.1	41.1	-	-	-	-	-
Oil field machinery and equipment	-	43.1	43.2	43.2	44.2	-	-	-	-	-
Conveyors, hoists, and industrial cranes	-	43.4	43.7	43.6	44.0	-	-	-	-	-
Metalworking machinery and equipment	44.5	44.8	45.6	43.5	44.3	-	6.3	6.9	5.3	5.7
Machine tools, metal cutting types	-	44.8	45.5	42.8	44.3	-	-	-	-	-
Special dies, tools, jigs, and fixtures	-	45.8	46.6	44.7	46.2	-	-	-	-	-
Machine tool accessories	-	44.4	44.7	41.3	42.2	-	-	-	-	-
Miscellaneous metalworking machinery	-	43.6	44.5	43.8	42.8	-	-	-	-	-
Special industry machinery	-	42.8	43.6	42.5	42.4	-	4.3	5.0	4.0	3.9
Food products machinery	43.2	42.9	43.8	41.8	41.6	-	-	-	-	-
Textile machinery	-	42.3	43.5	42.0	41.4	-	-	-	-	-
General industrial machinery	43.0	42.6	43.3	42.0	42.0	-	4.3	4.7	3.8	3.3
Pumps; air and gas compressors	-	42.9	43.6	41.9	42.5	-	-	-	-	-
Ball and roller bearings	-	42.5	43.0	41.6	40.6	-	-	-	-	-
Mechanical power transmission goods	-	43.2	44.3	43.2	43.0	-	-	-	-	-
Office, computing, and accounting machines	42.3	42.1	42.2	41.1	40.8	-	3.2	3.7	1.9	1.9
Computing machines and cash registers	-	42.3	42.4	40.7	40.7	-	-	-	-	-
Service industry machines	41.2	41.1	42.3	41.2	41.3	-	2.9	3.7	2.5	2.6
Refrigeration, except home refrigerators	-	41.0	42.5	41.3	41.5	-	-	-	-	-
Miscellaneous machinery	43.0	43.3	43.5	42.7	42.6	-	5.3	5.5	4.9	4.6

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				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	\$105.01	\$104.23	\$106.45	\$102.31	\$101.96	\$2.58	\$2.58	\$2.59	\$2.52	\$2.53
Electric distribution equipment	114.13	115.09	114.82	113.55	112.47	2.75	2.78	2.76	2.71	2.71
Electric measuring instruments	-	98.75	100.44	99.14	98.89	-	2.50	2.48	2.46	2.46
Power and distribution transformers	-	121.41	115.62	116.75	113.30	-	2.85	2.82	2.76	2.75
Switchgear and switchboard apparatus	-	123.35	125.11	122.41	122.26	-	2.93	2.93	2.86	2.87
Electrical industrial apparatus	112.47	113.70	115.48	109.82	110.92	2.71	2.72	2.73	2.64	2.66
Motors and generators	-	117.46	118.85	111.22	113.55	-	2.79	2.79	2.68	2.71
Industrial controls	-	107.30	109.93	108.32	107.79	-	2.63	2.63	2.61	2.61
Household appliances	111.88	112.00	115.21	108.14	108.41	2.79	2.80	2.81	2.67	2.69
Household refrigerators and freezers	-	122.11	125.44	114.62	115.89	-	3.03	3.03	2.88	2.89
Household laundry equipment	-	112.18	113.48	115.09	113.00	-	2.84	2.83	2.78	2.79
Electric housewares and fans	-	95.94	100.69	92.73	91.42	-	2.46	2.48	2.33	2.35
Electric lighting and wiring equipment	99.23	98.98	100.12	97.92	95.20	2.45	2.45	2.46	2.40	2.38
Electric lamps	-	99.79	101.20	99.29	98.25	-	2.52	2.53	2.47	2.45
Lighting fixtures	-	100.04	102.75	102.17	96.64	-	2.47	2.50	2.45	2.41
Wiring devices	-	97.27	97.10	93.50	91.94	-	2.39	2.38	2.32	2.31
Radio and TV receiving sets	91.43	90.35	89.89	87.96	88.36	2.28	2.27	2.27	2.21	2.22
Communication equipment	117.29	113.65	117.99	112.20	109.60	2.84	2.82	2.85	2.75	2.74
Telephone and telegraph apparatus	-	111.28	119.52	116.06	108.93	-	2.81	2.88	2.79	2.73
Radio and TV communication equipment	-	115.46	116.75	110.29	109.87	-	2.83	2.82	2.73	2.74
Electronic components and accessories	86.94	85.89	89.98	85.57	84.93	2.19	2.18	2.20	2.15	2.15
Electron tubes	-	98.46	103.83	98.74	96.96	-	2.48	2.49	2.42	2.40
Electronic components, n.e.c.	-	82.53	86.69	81.97	81.74	-	2.10	2.13	2.07	2.08
Miscellaneous electrical equipment and supplies	113.15	111.76	114.52	103.49	107.87	2.78	2.78	2.80	2.62	2.69
Electrical equipment for engines	-	116.51	121.36	107.14	116.00	-	2.92	2.96	2.79	2.85
TRANSPORTATION EQUIPMENT	130.70	133.56	137.60	129.38	128.54	3.18	3.18	3.20	3.11	3.09
Motor vehicles and equipment	135.63	141.24	147.74	137.70	135.26	3.30	3.30	3.32	3.24	3.19
Motor vehicles	-	144.33	152.21	140.90	140.48	-	3.38	3.39	3.42	3.29
Passenger car bodies	-	137.83	145.59	154.37	129.93	-	3.42	3.45	3.59	3.34
Truck and bus bodies	-	106.27	115.60	107.07	102.91	-	2.67	2.72	2.58	2.56
Motor vehicle parts and accessories	-	144.10	149.07	140.28	137.06	-	3.29	3.32	3.21	3.18
Aircraft and parts	131.15	130.10	130.10	125.15	125.05	3.13	3.12	3.12	3.06	3.05
Aircraft	-	130.00	128.02	123.32	124.14	-	3.14	3.13	3.06	3.05
Aircraft engines and engine parts	-	131.15	132.93	127.31	126.48	-	3.13	3.15	3.09	3.10
Other aircraft parts and equipment	-	129.44	132.01	127.02	124.86	-	3.06	3.07	3.01	2.98
Ship and boat building and repairing	120.80	120.50	121.00	121.60	120.80	3.02	2.99	3.01	3.01	2.99
Ship building and repairing	-	126.86	126.00	127.58	126.77	-	3.14	3.15	3.15	3.13
Boat building and repairing	-	92.43	96.35	91.94	93.37	-	2.34	2.35	2.31	2.34
Railroad equipment	-	126.32	130.33	125.02	126.79	-	3.19	3.21	3.11	3.10
Other transportation equipment	-	90.35	94.58	95.04	91.76	-	2.27	2.29	2.29	2.26
INSTRUMENTS AND RELATED PRODUCTS	108.32	107.53	109.25	103.98	103.63	2.61	2.61	2.62	2.53	2.54
Engineering and scientific instruments	-	123.60	127.32	120.93	119.07	-	3.00	3.01	2.90	2.89
Mechanical measuring and control devices	109.67	109.82	110.09	103.79	104.19	2.63	2.64	2.64	2.55	2.56
Mechanical measuring devices	-	112.67	110.77	105.52	105.52	-	2.67	2.65	2.58	2.58
Automatic temperature controls	-	105.82	108.47	101.66	102.21	-	2.60	2.62	2.51	2.53
Optical and ophthalmic goods	99.41	98.41	98.41	94.53	92.43	2.35	2.36	2.36	2.30	2.26
Surgical, medical, and dental equipment	89.78	86.75	90.68	88.48	87.56	2.25	2.23	2.25	2.19	2.20
Photographic equipment and supplies	128.01	126.39	128.30	120.56	122.09	2.97	2.96	2.97	2.85	2.90
Watches and clocks	-	86.83	87.60	84.53	84.32	-	2.16	2.19	2.14	2.14
MISCELLANEOUS MANUFACTURING INDUSTRIES	86.03	84.10	85.17	82.80	81.74	2.14	2.14	2.14	2.07	2.08
Jewelry, silverware, and plated ware	93.79	90.74	93.56	89.65	88.18	2.31	2.28	2.31	2.23	2.21
Toys, amusement, and sporting goods	-	75.65	76.64	75.22	73.53	-	1.97	1.96	1.89	1.90
Toys, games, dolls, and play vehicles	-	73.15	74.11	72.86	71.24	-	1.92	1.92	1.84	1.86
Sporting and athletic goods, n.e.c.	-	80.94	81.20	80.20	78.01	-	2.07	2.03	2.00	1.98
Pens, pencils, office and art materials	-	82.14	83.63	80.40	75.00	-	2.09	2.07	2.00	2.00
Costume jewelry, buttons, and notions	-	77.82	78.41	75.46	75.64	-	1.97	1.98	1.92	1.91
Other manufacturing industries	93.32	91.94	91.83	89.24	88.75	2.31	2.31	2.29	2.22	2.23
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	99.53	101.33	101.11	97.23	98.06	2.41	2.43	2.46	2.36	2.38
Meat products	105.26	108.94	107.38	105.25	104.04	2.58	2.60	2.60	2.53	2.55
Meat packing	-	126.82	124.62	123.40	121.25	-	2.97	2.96	2.89	2.88
Sausages and other prepared meats	-	117.32	114.82	112.44	111.78	-	2.78	2.76	2.69	2.70
Poultry dressing and packing	-	63.28	61.15	60.06	57.44	-	1.59	1.56	1.54	1.54

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				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	40.7	40.4	41.1	40.6	40.3	-	2.3	2.8	2.5	2.1
Electric distribution equipment	41.5	41.4	41.6	41.9	41.5	-	3.0	3.2	3.0	2.9
Electric measuring instruments	-	39.5	40.5	40.3	40.2	-	-	-	-	-
Power and distribution transformers	-	42.6	41.0	42.3	41.2	-	-	-	-	-
Switchgear and switchboard apparatus	-	42.1	42.7	42.8	42.6	-	-	-	-	-
Electrical industrial apparatus	41.5	41.8	42.3	41.6	41.7	-	3.4	3.9	3.0	3.0
Motors and generators	-	42.1	42.6	41.5	41.9	-	-	-	-	-
Industrial controls	-	40.8	41.8	41.5	41.3	-	-	-	-	-
Household appliances	40.1	40.0	41.0	40.5	40.3	-	2.1	2.7	2.1	2.0
Household refrigerators and freezers	-	40.3	41.4	39.8	40.1	-	-	-	-	-
Household laundry equipment	-	39.5	40.1	41.4	40.5	-	-	-	-	-
Electric housewares and fans	-	39.0	40.6	39.8	38.9	-	-	-	-	-
Electric lighting and wiring equipment	40.5	40.4	40.7	40.8	40.0	-	2.4	2.6	2.6	2.0
Electric lamps	-	39.6	40.0	40.2	40.1	-	-	-	-	-
Lighting fixtures	-	40.5	41.1	41.7	40.1	-	-	-	-	-
Wiring devices	-	40.7	40.8	40.3	39.8	-	-	-	-	-
Radio and TV receiving sets	40.1	39.8	39.6	39.8	39.8	-	1.9	2.4	2.1	1.9
Communication equipment	41.3	40.3	41.4	40.8	40.0	-	1.8	2.7	2.3	1.6
Telephone and telegraph apparatus	-	39.6	41.5	41.6	39.9	-	-	-	-	-
Radio and TV communication equipment	-	40.8	41.4	40.4	40.1	-	-	-	-	-
Electronic components and accessories	39.7	39.4	40.9	39.8	39.5	-	2.1	2.6	2.4	1.8
Electron tubes	-	39.7	41.7	40.8	40.4	-	-	-	-	-
Electronic components, n.e.c.	-	39.3	40.7	39.6	39.3	-	-	-	-	-
Miscellaneous electrical equipment and supplies	40.7	40.2	40.9	39.5	40.1	-	2.2	2.9	2.2	1.9
Electrical equipment for engines	-	39.9	41.0	38.4	40.7	-	-	-	-	-
TRANSPORTATION EQUIPMENT	41.1	42.0	43.0	41.6	41.6	-	4.2	4.8	4.1	3.6
Motor vehicles and equipment	41.1	42.8	44.5	42.5	42.4	-	5.2	6.1	5.5	4.4
Motor vehicles	-	42.7	44.9	41.2	42.7	-	-	-	-	-
Passenger car bodies	-	40.3	42.2	43.0	38.9	-	-	-	-	-
Truck and bus bodies	-	39.8	42.5	41.5	40.2	-	-	-	-	-
Motor vehicle parts and accessories	-	43.8	44.9	43.7	43.1	-	-	-	-	-
Aircraft and parts	41.9	41.7	41.7	40.9	41.0	-	3.2	2.9	2.5	2.4
Aircraft	-	41.4	40.9	40.3	40.7	-	-	-	-	-
Aircraft engines and engine parts	-	41.9	42.2	41.2	40.8	-	-	-	-	-
Other aircraft parts and equipment	-	42.3	43.0	42.2	41.9	-	-	-	-	-
Ship and boat building and repairing	40.0	40.3	40.2	40.4	40.4	-	3.1	3.6	3.0	2.9
Ship building and repairing	-	40.4	40.0	40.5	40.5	-	-	-	-	-
Boat building and repairing	-	39.5	41.0	39.8	39.9	-	-	-	-	-
Railroad equipment	-	39.6	40.6	40.2	40.9	-	1.9	2.6	2.3	2.6
Other transportation equipment	-	39.8	41.3	41.5	40.6	-	3.1	3.7	3.5	2.8
INSTRUMENTS AND RELATED PRODUCTS	41.5	41.2	41.7	41.1	40.8	-	2.8	3.0	2.6	2.2
Engineering and scientific instruments	-	41.2	42.3	41.7	41.2	-	3.7	3.6	3.2	2.2
Mechanical measuring and control devices	41.7	41.6	41.7	40.7	40.7	-	2.8	2.9	2.5	2.2
Mechanical measuring devices	-	42.2	41.8	40.9	40.9	-	-	-	-	-
Automatic temperature controls	-	40.7	41.4	40.5	40.4	-	-	-	-	-
Optical and ophthalmic goods	42.3	41.7	41.7	41.1	40.9	-	2.6	2.7	2.2	1.9
Surgical, medical, and dental equipment	39.9	38.9	40.3	40.4	39.8	-	1.6	2.2	2.1	1.8
Photographic equipment and supplies	43.1	42.7	43.2	42.3	42.1	-	3.3	3.9	3.3	3.2
Watches and clocks	-	40.2	40.0	39.5	39.4	-	2.6	2.1	1.6	1.2
MISCELLANEOUS MANUFACTURING INDUSTRIES	40.2	39.3	39.8	40.0	39.3	-	2.1	2.6	2.5	2.0
Jewelry, silverware, and plated ware	40.6	39.8	40.5	40.2	39.9	-	2.2	3.2	3.0	2.3
Toys, amusement, and sporting goods	-	38.4	39.1	39.8	38.7	-	2.0	2.6	2.3	1.5
Toys, games, dolls, and play vehicles	-	38.1	38.6	39.6	38.3	-	-	-	-	-
Sporting and athletic goods, n.e.c.	-	39.1	40.0	40.1	39.4	-	-	-	-	-
Pens, pencils, office and art materials	-	39.3	40.4	40.2	37.5	-	1.8	1.8	2.2	1.6
Costume jewelry, buttons, and notions	-	39.5	39.6	39.3	39.6	-	2.1	2.8	2.4	1.9
Other manufacturing industries	40.4	39.8	40.1	40.2	39.8	-	2.2	2.5	2.6	2.4
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	41.3	41.7	41.1	41.2	41.2	-	4.0	3.9	3.8	3.8
Meat products	40.8	41.9	41.3	41.6	40.8	-	4.4	4.1	4.4	3.8
Meat packing	-	42.7	42.1	42.7	42.1	-	-	-	-	-
Sausages and other prepared meats	-	42.2	41.6	41.8	41.4	-	-	-	-	-
Poultry dressing and packing	-	39.8	39.2	39.0	37.3	-	-	-	-	-

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 workers¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Nondurable Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS--Continued										
Dairy products	\$104.83	\$107.25	\$106.68	\$103.46	\$104.25	\$2.49	\$2.50	\$2.51	\$2.44	\$2.43
Ice cream and frozen desserts	-	104.41	104.58	100.74	102.72	-	2.48	2.52	2.41	2.40
Fluid milk	-	113.09	112.04	108.63	108.97	-	2.63	2.63	2.55	2.54
Canned and preserved food, except meats	-	80.20	78.04	79.18	77.60	-	2.01	2.07	2.02	2.00
Canned, cured and frozen sea foods	-	72.18	63.17	69.50	70.95	-	1.93	1.88	1.98	2.01
Canned food, except sea foods	-	85.68	85.93	83.63	81.19	-	2.04	2.17	2.07	1.99
Frozen food, except sea foods	-	71.25	72.39	68.82	69.36	-	1.90	1.91	1.85	1.89
Grain mill products	115.04	115.32	112.05	108.96	106.91	2.49	2.48	2.49	2.40	2.36
Flour and other grain mill products	-	125.35	125.55	118.09	108.62	-	2.69	2.70	2.63	2.58
Prepared feeds for animals and fowls	-	99.91	93.73	95.27	95.55	-	2.06	2.06	2.01	1.97
Bakery products	101.75	102.25	102.25	98.25	98.33	2.50	2.50	2.50	2.42	2.41
Bread, cake, and perishable products	-	104.39	103.73	99.96	100.28	-	2.54	2.53	2.45	2.44
Biscuit, crackers, and pretzels	-	95.51	96.80	92.17	91.14	-	2.37	2.39	2.31	2.29
Sugar	-	122.97	117.46	112.02	112.06	-	2.84	2.79	2.68	2.72
Confectionery and related products	86.88	83.59	83.03	81.80	80.55	2.14	2.16	2.14	2.05	2.06
Candy and other confectionery products	-	79.87	78.52	78.01	76.44	-	2.08	2.05	1.97	1.96
Beverages	113.03	116.48	115.93	111.65	114.51	2.75	2.78	2.78	2.71	2.72
Malt liquors	-	150.14	150.38	143.11	147.50	-	3.68	3.65	3.56	3.58
Bottled and canned soft drinks	-	88.44	85.37	83.81	86.04	-	2.01	1.99	1.94	1.96
Miscellaneous food and kindred products	97.81	98.75	98.09	95.76	96.18	2.34	2.34	2.33	2.28	2.29
TOBACCO MANUFACTURES										
Cigarettes	78.79	83.10	83.16	75.47	80.13	2.09	2.21	2.20	1.94	2.06
Cigars	-	98.02	98.80	97.58	96.08	-	2.60	2.60	2.38	2.39
	-	63.95	64.60	63.96	62.54	-	1.71	1.70	1.67	1.65
TEXTILE MILL PRODUCTS										
Cotton broad woven fabrics	78.58	77.23	77.10	73.10	72.22	1.88	1.87	1.84	1.77	1.77
Silk and synthetic broad woven fabrics	80.60	79.61	78.38	73.68	72.80	1.91	1.90	1.84	1.75	1.75
Weaving and finishing broad woolsens	84.58	84.00	83.60	79.10	77.22	1.94	1.94	1.90	1.81	1.80
Narrow fabrics and smallwares	84.51	85.34	84.00	77.23	78.73	1.97	1.98	1.94	1.87	1.87
Knitting	74.89	74.48	74.80	73.62	72.98	1.84	1.83	1.82	1.80	1.78
Full-fashioned hosiery	69.48	67.51	68.78	66.42	64.85	1.75	1.74	1.75	1.69	1.68
Seamless hosiery	-	62.81	65.60	63.79	62.91	-	1.74	1.74	1.67	1.66
Knit underwear	-	62.04	63.41	62.31	60.48	-	1.65	1.66	1.61	1.60
Knit underwear	-	72.10	72.50	70.17	67.64	-	1.83	1.84	1.79	1.78
Finishing textiles, except wool and knit	-	64.74	66.07	63.27	62.08	-	1.66	1.66	1.61	1.60
Floor covering	86.90	84.04	86.60	79.10	77.74	2.04	2.03	2.00	1.92	1.91
Yarn and thread	-	80.60	80.75	76.80	74.62	-	1.91	1.90	1.82	1.82
Miscellaneous textile goods	74.90	73.95	72.42	67.39	66.91	1.75	1.74	1.70	1.62	1.62
	87.99	86.32	88.83	84.46	83.43	2.10	2.09	2.09	2.04	2.02
APPAREL AND RELATED PRODUCTS										
Men's and boys' suits and coats	68.26	66.43	66.61	66.06	64.25	1.84	1.82	1.82	1.80	1.77
Men's and boys' furnishings	83.88	81.86	84.32	77.28	74.62	2.19	2.16	2.19	2.10	2.05
Men's and boys' shirts and nightwear	58.75	57.38	58.75	57.46	56.63	1.55	1.53	1.55	1.52	1.51
Men's and boys' separate trousers	-	56.55	56.85	56.55	55.73	-	1.50	1.52	1.50	1.49
Work clothing	-	56.83	60.29	58.52	57.91	-	1.54	1.57	1.54	1.52
Women's, misses', and juniors' outerwear	-	56.25	57.30	54.83	54.91	-	1.50	1.50	1.47	1.48
Women's blouses, waists, and shirts	71.75	69.83	68.06	69.95	68.46	2.05	2.03	1.99	2.01	1.99
Women's suits, skirts, and coats	-	59.51	59.51	57.24	56.38	-	1.72	1.72	1.64	1.62
Women's blouses, waists, and shirts	-	67.40	66.73	68.61	66.20	-	2.03	2.01	2.03	2.00
Women's suits, skirts, and coats	-	85.78	81.77	85.44	84.72	-	2.43	2.37	2.40	2.40
Women's and misses' outerwear, n.e.c.	-	60.82	60.65	61.29	60.23	-	1.68	1.68	1.67	1.65
Women's and children's undergarments	61.29	58.97	59.82	59.89	58.77	1.63	1.62	1.63	1.61	1.61
Women's and children's underwear	-	57.41	56.94	58.13	56.83	-	1.56	1.56	1.55	1.54
Corsets and allied garments	-	62.30	64.58	63.88	62.48	-	1.75	1.75	1.75	1.75
Hats, caps, and millinery	-	70.25	68.08	71.99	70.86	-	1.93	1.86	1.93	1.91
Girls' and children's outerwear	61.29	61.25	62.12	58.84	60.47	1.67	1.66	1.67	1.63	1.63
Children's dresses, blouses, and shirts	-	62.04	62.63	56.86	59.94	-	1.65	1.67	1.62	1.62
Fur goods and miscellaneous apparel	-	69.16	70.25	67.16	65.15	-	1.90	1.93	1.82	1.83
Miscellaneous fabricated textile products	75.03	73.34	74.11	72.15	68.61	1.89	1.90	1.93	1.85	1.82
Housefurnishings	-	62.66	62.70	62.86	60.59	-	1.68	1.69	1.62	1.62
PAPER AND ALLIED PRODUCTS										
Paper and pulp	114.48	114.38	114.05	111.71	110.51	2.65	2.66	2.64	2.58	2.57
Paperboard	127.74	129.34	127.27	123.60	124.43	2.89	2.90	2.86	2.79	2.79
Converted paper and paperboard products	131.40	131.85	129.94	126.78	127.92	2.92	2.93	2.92	2.83	2.83
Bags, except textile bags	99.42	98.29	100.14	97.44	96.05	2.39	2.38	2.39	2.32	2.32
Paperboard containers and boxes	-	93.66	93.66	91.69	88.70	-	2.29	2.29	2.22	2.19
Folding and setup paperboard boxes	105.47	102.34	104.30	102.85	99.84	2.47	2.46	2.46	2.42	2.40
Corrugated and solid fiber boxes	-	92.80	92.66	90.39	88.26	-	2.28	2.26	2.21	2.19
	-	108.78	112.32	113.85	108.03	-	2.59	2.60	2.57	2.53

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				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Nonferrous Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS--Continued										
Dairy products	42.1	42.9	42.5	42.4	42.9	-	3.8	4.0	3.5	3.9
Ice cream and frozen desserts	-	42.1	41.5	41.8	42.8	-	-	-	-	-
Fluid milk	-	43.0	42.6	42.6	42.9	-	-	-	-	-
Canned and preserved food, except meats	-	39.9	37.7	39.2	38.8	-	2.7	2.9	3.0	3.0
Canned, cured and frozen sea foods	-	37.4	33.6	35.1	35.3	-	-	-	-	-
Canned food, except sea foods	-	42.0	39.6	40.4	40.8	-	-	-	-	-
Frozen food, except sea foods	-	37.5	37.9	37.2	36.7	-	-	-	-	-
Grain mill products	46.2	46.5	45.0	45.4	45.3	-	8.0	6.4	7.1	6.9
Flour and other grain mill products	-	46.6	46.5	44.9	42.1	-	-	-	-	-
Prepared feeds for animals and fowls	-	48.5	45.5	47.4	48.5	-	-	-	-	-
Bakery products	40.7	40.9	40.9	40.6	40.8	-	3.6	3.6	3.3	3.4
Bread, cake, and perishable products	-	41.1	41.0	40.8	41.1	-	-	-	-	-
Biscuit, crackers, and pretzels	-	40.3	40.5	39.9	39.8	-	-	-	-	-
Sugar	-	43.3	42.1	41.8	41.2	-	4.4	3.7	3.5	3.5
Confectionery and related products	40.6	38.7	38.8	39.9	39.1	-	1.9	1.8	2.3	1.8
Candy and other confectionery products	-	38.4	38.3	39.6	39.0	-	-	-	-	-
Beverages	41.1	41.9	41.7	41.2	42.1	-	4.3	4.0	3.5	4.3
Malt liquors	-	40.8	41.2	40.2	41.2	-	-	-	-	-
Bottled and canned soft drinks	-	44.0	42.9	43.2	43.9	-	-	-	-	-
Miscellaneous food and kindred products	41.8	42.2	42.1	42.0	42.0	-	4.2	4.1	4.0	3.7
TOBACCO MANUFACTURES										
Cigarettes	37.7	37.6	37.8	38.9	38.9	-	1.0	.9	1.9	2.3
Cigars	-	37.7	38.0	41.0	40.2	-	1.1	.6	2.5	3.3
Cigars	-	37.4	38.0	38.3	37.9	-	1.0	1.3	2.3	1.6
TEXTILE MILL PRODUCTS										
Cotton broad woven fabrics	41.8	41.3	41.9	41.3	40.8	-	3.8	4.1	3.7	3.3
Silk and synthetic broad woven fabrics	42.2	41.9	42.6	42.1	41.6	-	4.1	4.6	4.1	3.6
Weaving and finishing broad woolens	43.6	43.3	44.0	43.7	42.9	-	5.0	5.4	5.1	4.4
Narrow fabrics and smallwares	42.9	43.1	43.3	41.3	42.1	-	4.7	4.7	3.5	4.0
Knitting	40.7	40.7	41.1	40.9	41.0	-	3.2	3.5	3.4	2.8
Full-fashioned hosiery	39.7	38.8	39.3	39.3	38.6	-	2.6	2.5	2.5	2.2
Seamless hosiery	-	36.1	37.7	38.2	37.9	-	-	-	-	-
Knit outerwear	-	37.6	38.2	38.7	37.8	-	-	-	-	-
Knit underwear	-	39.4	39.4	39.2	38.0	-	-	-	-	-
Finishing textiles, except wool and knit	-	39.0	39.8	39.3	38.8	-	-	-	-	-
Floor covering	42.6	41.4	43.3	41.2	40.7	-	3.8	4.9	3.8	3.7
Yarn and thread	42.2	42.2	42.5	42.2	41.0	-	4.6	4.9	4.3	4.0
Miscellaneous textile goods	42.8	42.5	42.6	41.6	41.3	-	4.5	4.5	3.7	3.4
APPAREL AND RELATED PRODUCTS										
Men's and boys' suits and coats	41.9	41.3	42.5	41.4	41.3	-	3.4	4.4	3.9	3.8
Men's and boys' furnishings	37.1	36.5	36.6	36.7	36.3	-	1.4	1.4	1.5	1.2
Men's and boys' shirts and nightwear	38.3	37.9	38.5	36.8	36.4	-	1.2	1.5	1.1	.5
Men's and boys' separate trousers	37.9	37.5	37.9	37.8	37.5	-	1.2	1.4	1.3	1.1
Work clothing	-	37.7	37.4	37.7	37.4	-	-	-	-	-
Women's, misses', and juniors' outerwear	-	36.9	38.4	38.0	38.1	-	-	-	-	-
Women's blouses, waists, and sbirts	-	37.5	38.2	37.3	37.1	-	-	-	-	-
Women's, misses', and juniors' dresses	35.0	34.4	34.2	34.8	34.4	-	1.4	1.2	1.4	1.3
Women's suits, skirts, and coats	-	34.6	34.6	34.9	34.8	-	-	-	-	-
Women's and misses' outerwear, n.e.c	-	33.2	33.2	33.8	33.1	-	-	-	-	-
Women's and children's undergarments	-	35.3	34.5	35.6	35.3	-	-	-	-	-
Women's and children's underwear	-	36.2	36.1	36.7	36.5	-	-	-	-	-
Corsets and allied garments	37.6	36.4	36.7	37.2	36.5	-	1.2	1.4	1.7	1.3
Hats, caps, and millinery	-	36.8	36.5	37.5	36.9	-	-	-	-	-
Girls' and children's outerwear	-	35.6	36.9	36.5	35.7	-	-	-	-	-
Children's dresses, blouses, and shirts	-	36.4	36.6	37.3	37.1	-	1.3	1.1	1.6	1.5
Fur goods and miscellaneous apparel	36.7	36.9	37.2	36.1	37.1	-	1.6	1.7	1.4	1.6
Miscellaneous fabricated textile products	-	37.6	37.5	35.1	37.0	-	-	-	-	-
Housefurnishings	-	36.4	36.4	36.9	35.6	-	1.0	1.2	1.1	.8
PAPER AND ALLIED PRODUCTS										
Paper and pulp	39.7	38.6	38.4	39.0	37.7	-	2.2	2.0	2.2	1.7
Paperboard	43.2	43.0	43.2	43.3	43.0	-	4.9	5.0	5.0	4.9
Converted paper and paperboard products	44.2	44.6	44.5	44.3	44.6	-	6.0	5.8	5.8	6.0
Bags, except textile bags	45.0	45.0	44.5	44.8	45.2	-	7.2	6.7	6.8	6.9
Paperboard containers and boxes	41.6	41.3	41.9	42.0	41.4	-	3.4	3.5	3.6	3.4
Folding and setup paperboard boxes	-	40.9	40.9	41.3	40.5	-	-	-	-	-
Corrugated and solid fiber boxes	42.7	41.6	42.4	42.5	41.6	-	4.1	4.6	4.6	4.0
	-	40.7	41.0	40.9	40.3	-	-	-	-	-
	-	42.0	43.2	44.3	42.7	-	-	-	-	-

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Nondurable Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	\$118.12	\$116.43	\$117.43	\$114.55	\$113.37	\$3.06	\$3.04	\$3.05	\$2.96	\$2.96
Newspaper publishing and printing	119.82	118.47	119.82	117.12	116.84	3.31	3.30	3.31	3.20	3.21
Periodical publishing and printing	-	125.91	125.02	124.94	121.60	-	3.14	3.11	3.04	3.01
Books	-	111.90	110.84	109.41	105.86	-	2.69	2.71	2.63	2.64
Commercial printing	121.66	119.65	119.56	117.11	115.24	3.08	3.06	3.05	2.98	2.97
Commercial printing, except lithographic	-	116.10	116.10	113.98	112.04	-	3.00	3.00	2.93	2.91
Commercial printing, lithographic	-	127.43	127.75	124.74	122.28	-	3.17	3.17	3.08	3.08
Bookbinding and related industries	91.65	89.55	92.98	88.46	88.62	2.35	2.32	2.36	2.28	2.29
Other publishing and printing industries	121.76	118.81	119.50	116.52	115.53	3.13	3.07	3.08	2.98	2.97
CHEMICALS AND ALLIED PRODUCTS	119.94	119.94	120.54	116.47	116.20	2.89	2.89	2.87	2.82	2.80
Industrial chemicals	135.34	135.53	135.66	130.73	130.00	3.23	3.25	3.23	3.15	3.14
Plastics and synthetics, except glass	120.12	120.98	121.98	117.74	118.43	2.86	2.86	2.85	2.79	2.78
Plastics and synthetics, except fibers	-	132.68	133.02	126.69	128.90	-	3.05	3.03	2.96	2.97
Synthetic fibers	-	109.15	110.30	106.59	106.51	-	2.63	2.62	2.55	2.53
Drugs	103.88	105.99	106.86	101.63	100.58	2.61	2.63	2.60	2.56	2.54
Pharmaceutical preparations	-	100.74	101.25	97.11	96.58	-	2.57	2.50	2.49	2.47
Sosp, cleaners, and toilet goods	110.28	110.00	112.07	108.00	107.47	2.75	2.75	2.74	2.68	2.68
Soap and detergents	-	137.94	139.35	134.94	132.92	-	3.30	3.31	3.19	3.18
Toilet preparations	-	87.63	91.08	84.96	83.69	-	2.30	2.30	2.23	2.22
Paints, varnishes, and allied products	112.32	112.59	114.51	108.50	110.88	2.70	2.70	2.72	2.64	2.64
Agricultural chemicals	98.33	96.56	95.57	94.66	94.92	2.33	2.31	2.27	2.27	2.26
Fertilizers, complete and mixing only	-	92.77	91.98	91.32	91.56	-	2.23	2.19	2.19	2.18
Other chemical products	117.32	117.32	116.75	112.44	111.72	2.80	2.80	2.76	2.69	2.66
PETROLEUM REFINING AND RELATED INDUSTRIES	138.02	138.78	137.80	133.88	134.09	3.24	3.25	3.25	3.18	3.17
Petroleum refining	142.61	144.21	143.52	138.77	138.69	3.42	3.45	3.45	3.36	3.35
Other petroleum and coal products	121.56	119.54	117.33	116.10	117.39	2.66	2.61	2.59	2.58	2.58
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	109.20	108.84	109.46	107.26	103.22	2.60	2.61	2.60	2.56	2.53
Tires and inner tubes	158.42	161.91	155.05	152.60	139.06	3.56	3.59	3.54	3.50	3.40
Other rubber products	104.92	101.75	104.83	101.11	98.82	2.51	2.50	2.52	2.46	2.44
Miscellaneous plastic products	89.79	90.20	92.18	89.66	88.15	2.19	2.20	2.20	2.15	2.15
LEATHER AND LEATHER PRODUCTS	72.20	71.80	71.62	70.46	70.25	1.89	1.86	1.87	1.83	1.82
Leather tanning and finishing	96.96	95.36	98.47	95.30	93.73	2.40	2.39	2.39	2.33	2.32
Foot wear, except rubber	68.98	69.48	69.16	68.17	68.50	1.82	1.80	1.82	1.78	1.77
Other leather products	71.81	70.09	69.52	67.58	65.80	1.87	1.83	1.82	1.76	1.75
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads ² **	-	(*)	(*)	118.86	122.71	-	(*)	(*)	2.81	2.77
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	-	110.08	109.48	105.50	106.75	-	2.59	2.57	2.50	2.50
Intercity and rural bus lines	-	144.96	136.47	135.00	141.17	-	3.20	3.13	3.00	3.01
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	126.78	127.50	124.79	123.09	-	2.99	3.00	2.95	2.91
PIPELINE TRANSPORTATION	-	143.85	141.29	143.03	141.59	-	3.50	3.48	3.48	3.42
COMMUNICATION:										
Telephone communication	-	108.67	107.33	104.52	104.52	-	2.67	2.69	2.60	2.60
Switchboard operating employees ³	-	81.47	82.14	78.28	78.49	-	2.19	2.22	2.11	2.11
Line construction employees ⁴	-	154.47	149.50	151.18	151.64	-	3.38	3.39	3.33	3.34
Telegraph communication ⁵	-	125.28	124.42	118.30	117.59	-	2.88	2.88	2.79	2.78
Radio and television broadcasting	-	144.18	147.94	141.37	143.20	-	3.65	3.68	3.57	3.58
ELECTRIC, GAS, AND SANITARY SERVICES	-	130.51	129.24	125.05	125.75	-	3.16	3.16	3.05	3.03
Electric companies and systems	-	133.95	132.99	128.03	128.33	-	3.22	3.22	3.10	3.07
Gas companies and systems	-	118.48	117.01	116.40	115.90	-	2.94	2.94	2.86	2.82
Combined utility systems	-	141.10	140.35	133.17	135.71	-	3.40	3.39	3.28	3.27
Water, steam, and sanitary systems	-	105.92	103.57	100.67	102.30	-	2.54	2.52	2.42	2.43

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				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
<i>Nondurable Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	38.6	38.3	38.5	38.7	38.3	-	2.8	2.9	3.0	2.7
Newspaper publishing and printing	36.2	35.9	36.2	36.6	36.4	-	2.3	2.5	2.4	2.3
Periodical publishing and printing	-	40.1	40.2	41.1	40.4	-	3.2	2.8	4.8	3.7
Books	-	41.6	40.9	41.6	40.1	-	4.0	4.0	4.6	3.5
Commercial printing	39.5	39.1	39.2	39.3	38.8	-	3.0	3.0	3.2	2.8
Commercial printing, except lithographic	-	38.7	38.7	38.9	38.5	-	-	-	-	-
Commercial printing, lithographic	-	40.2	40.3	40.5	39.7	-	-	-	-	-
Bookbinding and related industries	39.0	38.6	39.4	38.8	38.7	-	2.1	2.6	2.5	2.3
Other publishing and printing industries	38.9	38.7	38.8	39.1	38.9	-	2.8	2.7	2.8	2.6
CHEMICALS AND ALLIED PRODUCTS	41.5	41.5	42.0	41.3	41.5	-	2.8	2.9	2.7	2.6
Industrial chemicals	41.9	41.7	42.0	41.5	41.4	-	2.9	2.9	2.7	2.6
Plastics and synthetics, except glass	42.0	42.3	42.8	42.2	42.6	-	2.9	3.1	2.8	2.7
Plastics and synthetics, except fibers	-	43.5	43.9	42.8	43.4	-	-	-	-	-
Synthetic fibers	-	41.5	42.1	41.8	42.1	-	-	-	-	-
Drugs	39.8	40.3	41.1	39.7	39.6	-	2.4	2.5	1.9	1.6
Pharmaceutical preparations	-	39.2	40.5	39.0	39.1	-	-	-	-	-
Soap, cleaners, and toilet goods	40.1	40.0	40.9	40.3	40.1	-	2.1	2.4	2.7	2.2
Soap and detergents	-	41.8	42.1	42.3	41.8	-	-	-	-	-
Toilet preparations	-	38.1	39.6	38.1	37.7	-	-	-	-	-
Paints, varnishes, and allied products	41.6	41.7	42.1	41.1	42.0	-	3.0	3.2	2.8	3.1
Agricultural chemicals	42.2	41.8	42.1	41.7	42.0	-	3.1	3.7	3.2	3.2
Fertilizers, complete and mixing only	-	41.6	42.0	41.7	42.0	-	-	-	-	-
Other chemical products	41.9	41.9	42.3	41.8	42.0	-	3.2	3.2	3.2	2.9
PETROLEUM REFINING AND RELATED INDUSTRIES	42.6	42.7	42.4	42.1	42.3	-	3.2	3.4	2.7	2.9
Petroleum refining	41.7	41.8	41.6	41.3	41.4	-	2.1	2.5	1.7	1.9
Other petroleum and coal products	45.7	45.8	45.3	45.0	45.5	-	7.1	6.6	6.0	6.4
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	42.0	41.7	42.1	41.9	40.8	-	3.7	4.1	4.2	3.1
Tires and inner tubes	44.5	45.1	43.8	43.6	40.9	-	6.4	5.9	5.9	3.7
Other rubber products	41.8	40.7	41.6	41.1	40.5	-	2.6	3.4	3.3	2.5
Miscellaneous plastic products	41.0	41.0	41.9	41.7	41.0	-	3.5	3.9	4.1	3.5
LEATHER AND LEATHER PRODUCTS	38.2	38.6	38.3	38.5	38.6	-	1.7	1.8	2.0	1.9
Leather tanning and finishing	40.4	39.9	41.2	40.9	40.4	-	2.8	3.6	3.1	2.9
Foot wear, except rubber	37.9	38.6	38.0	38.3	38.7	-	1.6	1.5	1.8	1.9
Other leather products	38.4	38.3	38.2	38.4	37.6	-	1.7	1.8	2.0	1.5
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads ² **	-	(*)	(*)	42.3	44.3	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	-	42.5	42.6	42.2	42.7	-	-	-	-	-
Intercity and rural bus lines	-	45.3	43.6	45.0	46.9	-	-	-	-	-
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	42.4	42.5	42.3	42.3	-	-	-	-	-
PIPELINE TRANSPORTATION	-	41.1	40.6	41.1	41.4	-	-	-	-	-
COMMUNICATION:										
Telephone communication	-	40.7	39.9	40.2	40.2	-	-	-	-	-
Switchboard operating employees ³	-	37.2	37.0	37.1	37.2	-	-	-	-	-
Line construction employees ⁴	-	45.7	44.1	45.4	45.4	-	-	-	-	-
Telegraph communication ⁵	-	43.5	43.2	42.4	42.3	-	-	-	-	-
Radio and television broadcasting	-	39.5	40.2	39.6	40.0	-	-	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES										
Electric companies and systems	-	41.3	40.9	41.0	41.5	-	-	-	-	-
Gas companies and systems	-	41.6	41.3	41.3	41.8	-	-	-	-	-
Combined utility systems	-	40.3	39.8	40.7	41.1	-	-	-	-	-
Water, steam, and sanitary systems	-	41.5	41.4	40.6	41.5	-	-	-	-	-
	-	41.7	41.1	41.6	42.1	-	-	-	-	-

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
WHOLESALE AND RETAIL TRADE⁶	-	\$83.81	\$82.56	\$81.12	\$81.33	-	\$2.16	\$2.15	\$2.08	\$2.08
WHOLESALE TRADE	-	106.34	106.34	102.82	103.07	-	2.60	2.60	2.52	2.52
Motor vehicles and automotive equipment	-	99.96	99.30	96.83	96.83	-	2.38	2.37	2.30	2.30
Drugs, chemicals, and allied products	-	108.27	107.60	106.75	105.30	-	2.68	2.67	2.61	2.60
Dry goods and apparel	-	98.51	97.88	97.02	95.51	-	2.62	2.61	2.56	2.52
Groceries and related products	-	100.74	99.84	97.76	98.75	-	2.41	2.40	2.35	2.34
Electrical goods	-	119.00	122.55	111.11	111.11	-	2.84	2.85	2.73	2.71
Hardware, plumbing, and heating goods	-	101.09	101.50	99.06	97.77	-	2.49	2.50	2.44	2.42
Machinery, equipment, and supplies	-	115.09	113.99	111.79	111.92	-	2.78	2.76	2.72	2.71
RETAIL TRADE⁶	-	74.28	72.74	71.43	71.62	-	1.96	1.95	1.87	1.87
General merchandise stores	-	60.55	59.33	58.10	57.75	-	1.75	1.74	1.66	1.65
Department stores	-	64.83	63.69	63.14	62.45	-	1.89	1.89	1.83	1.81
Limited price variety stores	-	45.40	43.61	42.51	42.51	-	1.41	1.38	1.30	1.30
Food stores	-	72.42	70.79	69.97	70.17	-	2.04	2.04	1.96	1.96
Grocery, meat, and vegetable stores	-	74.05	72.38	71.60	71.80	-	2.08	2.08	2.00	2.00
Apparel and accessories stores	-	58.65	57.63	56.54	56.70	-	1.70	1.71	1.62	1.62
Men's and boys' apparel stores	-	72.83	71.12	69.54	69.55	-	1.99	1.97	1.83	1.84
Women's ready-to-wear stores	-	52.63	51.44	49.88	50.22	-	1.53	1.54	1.45	1.46
Family clothing stores	-	57.97	55.77	55.27	55.73	-	1.70	1.69	1.64	1.62
Shoe stores	-	57.42	56.99	56.78	56.61	-	1.74	1.77	1.67	1.66
Furniture and appliance stores	-	88.40	87.42	86.46	85.86	-	2.21	2.18	2.14	2.12
Other retail trade	-	84.66	83.23	81.32	81.51	-	2.04	2.03	1.95	1.95
Motor vehicle dealers	-	106.43	106.24	100.97	102.31	-	2.43	2.42	2.30	2.32
Other vehicle and accessory dealers	-	87.36	86.80	86.83	88.80	-	1.99	2.00	1.96	2.00
Drug stores	-	63.34	60.71	61.75	61.59	-	1.74	1.71	1.66	1.66
FINANCE, INSURANCE, AND REAL ESTATE:										
Banking	-	79.61	78.44	76.50	76.88	-	2.14	2.12	2.04	2.05
Security dealers and exchanges ⁷	-	124.39	125.92	119.04	118.64	-	-	-	-	-
Insurance carriers ⁷	-	95.42	94.84	92.15	91.94	-	-	-	-	-
Life insurance ⁷	-	96.18	95.80	92.68	92.64	-	-	-	-	-
Accident and health insurance ⁷	-	83.23	83.46	81.03	80.40	-	-	-	-	-
Fire, marine, and casualty insurance ⁷	-	97.59	96.58	94.15	93.99	-	-	-	-	-
SERVICES AND MISCELLANEOUS:										
Hotels and lodging places:										
Hotels, tourist courts, and motels ⁸	-	49.92	48.47	47.67	48.34	-	1.28	1.31	1.21	1.23
Personal services:										
Laundries, cleaning and dyeing plants	-	58.89	59.58	55.73	55.73	-	1.51	1.52	1.44	1.44
Motion pictures:										
Motion picture filming and distributing	-	157.73	150.00	142.85	136.80	-	-	-	-	-

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				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
WHOLESALE AND RETAIL TRADE⁶	-	38.8	38.4	39.0	39.1	-	-	-	-	-
WHOLESALE TRADE	-	40.9	40.9	40.8	40.9	-	-	-	-	-
Motor vehicles and automotive equipment	-	42.0	41.9	42.1	42.1	-	-	-	-	-
Drugs, chemicals, and allied products	-	40.4	40.3	40.9	40.5	-	-	-	-	-
Dry goods and apparel	-	37.6	37.5	37.9	37.9	-	-	-	-	-
Groceries and related products	-	41.8	41.6	41.6	42.2	-	-	-	-	-
Electrical goods	-	41.9	43.0	40.7	41.0	-	-	-	-	-
Hardware, plumbing, and heating goods	-	40.6	40.6	40.6	40.4	-	-	-	-	-
Machinery, equipment, and supplies	-	41.4	41.3	41.1	41.3	-	-	-	-	-
RETAIL TRADE⁶	-	37.9	37.3	38.2	38.3	-	-	-	-	-
General merchandise stores	-	34.6	34.1	35.0	35.0	-	-	-	-	-
Department stores	-	34.3	33.7	34.5	34.5	-	-	-	-	-
Limited price variety stores	-	32.2	31.6	32.7	32.7	-	-	-	-	-
Food stores	-	35.5	34.7	35.7	35.8	-	-	-	-	-
Grocery, meat, and vegetable stores	-	35.6	34.8	35.8	35.9	-	-	-	-	-
Apparel and accessories stores	-	34.5	33.7	34.9	35.0	-	-	-	-	-
Men's and boys' apparel stores	-	36.6	36.1	38.0	37.8	-	-	-	-	-
Women's ready-to-wear stores	-	34.4	33.4	34.4	34.4	-	-	-	-	-
Family clothing stores	-	34.1	33.0	33.7	34.4	-	-	-	-	-
Shoe stores	-	33.0	32.2	34.0	34.1	-	-	-	-	-
Furniture and appliance stores	-	40.0	40.1	40.4	40.5	-	-	-	-	-
Other retail trade	-	41.5	41.0	41.7	41.8	-	-	-	-	-
Motor vehicle dealers	-	43.8	43.9	43.9	44.1	-	-	-	-	-
Other vehicle and accessory dealers	-	43.9	43.4	44.3	44.4	-	-	-	-	-
Drug stores	-	36.4	35.5	37.2	37.1	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE:										
Banking	-	37.2	37.0	37.5	37.5	-	-	-	-	-
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 ⁸	-	39.0	37.0	39.4	39.3	-	-	-	-	-
Personal services:										
Laundries, cleaning and dyeing plants	-	39.0	39.2	38.7	38.7	-	-	-	-	-
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.

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

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.

⁷Data exclude earnings of nonoffice salesmen.

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

⁹Not available.

¹⁰Class I Railroads - February 1965: \$133.62, \$3.03, and 44.1.

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				
	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
MANUFACTURING	\$2.49	\$2.51	\$2.51	\$2.43	\$2.44
DURABLE GOODS	2.66	2.67	2.67	2.60	2.61
Ordnance and accessories	-	3.00	2.99	2.96	2.95
Lumber and wood products, except furniture	--	2.13	2.13	2.09	2.08
Furniture and fixtures	-	2.03	2.01	1.96	1.97
Stone, clay, and glass products	-	2.50	2.50	2.44	2.43
Primary metal industries	-	3.06	3.04	2.99	2.99
Fabricated metal products	-	2.63	2.63	2.57	2.57
Machinery	-	2.80	2.80	2.74	2.75
Electrical equipment and supplies	-	2.51	2.51	2.44	2.46
Transportation equipment	-	3.03	3.03	2.97	2.97
Instruments and related products	-	2.53	2.53	2.46	2.47
Miscellaneous manufacturing industries	-	2.08	2.07	2.00	2.02
NONDURABLE GOODS	2.26	2.27	2.26	2.20	2.21
Food and kindred products	-	2.32	2.35	2.25	2.27
Tobacco manufactures	-	2.18	2.18	1.89	2.00
Textile mill products	-	1.79	1.76	1.70	1.70
Apparel and related products	-	1.78	1.78	1.76	1.75
Paper and allied products	-	2.51	2.50	2.43	2.44
Printing, publishing, and allied industries	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	-	2.79	2.77	2.73	2.72
Petroleum refining and related industries	-	3.13	3.12	3.08	3.06
Rubber and miscellaneous plastic products	-	2.50	2.48	2.44	2.44
Leather and leather products	-	1.82	1.83	1.78	1.77

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		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
MINING:									
Current dollars	\$123.22	\$124.82	\$117.18	\$101.66	\$102.95	\$95.61	\$110.02	\$111.37	\$103.93
1957-59 dollars	111.81	113.37	108.20	92.25	93.51	88.28	99.84	101.15	95.96
CONTRACT CONSTRUCTION:									
Current dollars	140.12	138.70	134.49	115.22	114.08	109.26	124.27	123.09	118.43
1957-59 dollars	127.15	125.98	124.18	104.56	103.61	100.89	112.77	111.80	109.35
MANUFACTURING:									
Current dollars	107.01	108.21	102.97	88.66	89.62	84.40	96.34	97.35	92.18
1957-59 dollars	97.11	98.28	95.08	80.45	81.40	77.93	87.42	88.42	85.12
WHOLESALE AND RETAIL TRADE:²									
Current dollars	83.81	82.56	81.33	69.98	68.99	67.20	77.05	76.03	74.58
1957-59 dollars	76.05	74.99	75.10	63.50	62.66	62.05	69.92	69.06	68.86

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	Aug. 1965	July 1965	June 1965	Aug. 1964	July 1964
	Man-hours				
TOTAL	113.5	111.3	111.7	108.1	105.7
MINING	85.9	84.8	85.2	84.9	84.1
CONTRACT CONSTRUCTION	131.8	126.2	121.5	126.6	122.8
MANUFACTURING	111.5	109.9	111.3	105.9	103.7
DURABLE GOODS	113.3	114.0	116.2	105.7	105.4
Ordnance and accessories	132.0	131.9	129.3	125.4	126.1
Lumber and wood products, except furniture ..	102.8	100.7	100.9	102.4	101.1
Furniture and fixtures	122.4	115.2	117.1	114.8	109.4
Stone, clay, and glass products	114.9	112.8	111.7	111.8	110.6
Primary metal industries	113.9	115.4	116.6	106.8	105.8
Fabricated metal products	116.7	117.0	120.0	110.9	107.2
Machinery	122.4	122.1	124.0	111.3	111.9
Electrical equipment and supplies	124.9	122.9	125.8	113.4	110.8
Transportation equipment	94.3	104.5	109.2	85.6	93.1
Instruments and related products	114.2	112.1	112.4	105.7	103.6
Miscellaneous manufacturing industries	113.8	105.8	110.3	108.1	100.6
NONDURABLE GOODS	109.2	104.6	104.8	106.1	101.5
Food and kindred products	102.7	95.9	90.5	102.9	95.5
Tobacco manufactures	85.7	70.8	71.6	97.3	76.9
Textile mill products	102.9	100.1	102.9	98.6	95.6
Apparel and related products	121.6	112.6	116.9	114.9	107.8
Paper and allied products	113.1	110.8	111.5	110.2	108.0
Printing, publishing, and allied industries	110.4	109.2	109.2	107.2	105.5
Chemicals and allied products	110.2	109.6	110.1	106.0	106.0
Petroleum refining and related industries	82.4	82.2	80.8	82.4	82.8
Rubber and miscellaneous plastic products	134.5	128.8	131.4	124.1	117.0
Leather and leather products	101.1	99.4	99.5	100.9	99.0
	Payrolls				
MINING	-	99.5	100.2	96.7	94.8
CONTRACT CONSTRUCTION	-	162.3	157.2	158.8	153.3
MANUFACTURING	137.0	135.9	137.7	126.4	124.1

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	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964
MINING	42.3	42.3	41.9	42.2	41.8	42.1	41.4	41.8	42.2	42.2	41.9	41.0	41.6
CONTRACT CONSTRUCTION	37.3	37.3	37.1	37.7	36.9	37.5	37.4	37.5	39.0	37.7	37.1	35.6	37.0
MANUFACTURING	40.9	40.9	41.0	41.1	40.9	41.4	41.3	41.4	41.2	40.9	40.5	40.5	40.8
<i>Overtime hours</i>	3.4	3.4	3.5	3.5	3.2	3.8	3.7	3.6	3.5	3.2	3.2	3.2	3.2
DURABLE GOODS	41.6	41.6	41.9	41.9	41.7	42.3	42.0	42.2	42.0	41.6	41.2	41.4	41.5
<i>Overtime hours</i>	3.6	3.8	3.8	4.0	3.5	4.1	4.1	3.9	3.7	3.3	3.3	3.4	3.4
Ordnance and accessories	41.2	42.5	41.8	41.7	41.0	41.4	41.0	41.0	40.6	40.4	40.6	40.0	40.4
Lumber and wood products, except furniture ...	40.3	40.1	39.7	40.8	40.5	40.7	40.1	40.3	40.2	39.9	39.7	39.4	40.4
Furniture and fixtures	41.6	41.3	41.4	41.7	41.2	42.0	42.0	41.6	41.8	41.5	41.2	40.5	41.2
Stone, clay, and glass products	41.6	41.6	41.5	41.8	41.2	41.7	41.7	41.7	42.2	41.5	41.5	41.1	41.3
Primary metal industries	42.3	42.3	42.1	42.0	43.6	42.5	42.4	42.4	42.2	42.2	41.9	42.8	42.2
Fabricated metal products	41.8	41.8	41.9	42.2	41.6	42.7	42.5	42.3	42.3	42.0	41.4	41.3	41.7
Machinery	43.0	42.8	42.9	43.0	42.1	43.4	43.1	43.0	43.1	42.8	42.0	42.0	42.5
Electrical equipment and supplies	40.7	40.7	40.9	41.1	40.4	41.3	41.2	41.1	41.1	40.9	40.7	40.3	40.6
Transportation equipment	42.1	42.1	43.0	42.9	42.3	43.6	43.3	43.5	42.9	41.5	40.5	42.3	42.6
Instruments and related products	41.4	41.4	41.5	41.7	40.5	41.6	41.5	41.3	41.3	41.1	40.9	40.9	41.0
Miscellaneous manufacturing industries	40.2	39.8	39.6	39.8	39.4	40.0	39.9	39.9	40.0	39.7	39.7	39.1	40.0
NONDURABLE GOODS	39.9	39.8	39.8	40.0	39.8	40.2	40.2	40.1	40.0	40.0	39.9	39.4	39.7
<i>Overtime hours</i>	3.0	3.0	3.0	3.2	2.9	3.2	3.1	3.1	3.1	2.9	2.9	2.9	2.9
Food and kindred products	40.9	41.1	40.9	40.9	40.8	41.0	41.0	41.3	41.3	41.0	41.0	40.7	40.8
Tobacco manufactures	37.2	38.3	37.2	37.6	35.9	38.8	39.3	38.4	39.6	38.5	39.3	37.0	38.4
Textile mill products	41.7	41.3	41.4	41.5	41.3	42.0	42.0	42.2	41.8	41.5	41.4	40.0	41.2
Apparel and related products	36.3	36.2	36.4	36.6	35.8	36.8	36.7	36.8	36.5	36.4	36.2	34.9	35.9
Paper and allied products	42.9	42.9	42.9	43.1	42.4	43.2	43.0	43.1	42.9	42.4	42.9	42.7	43.0
Printing, publishing, and allied industries	38.5	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.4	38.6	38.5	38.6
Chemicals and allied products	41.5	41.4	41.7	42.0	42.4	41.8	41.9	41.8	41.6	41.7	41.6	42.1	41.3
Petroleum refining and related industries	42.6	42.0	41.9	42.3	42.7	42.2	41.7	41.3	42.0	41.7	41.6	42.5	42.1
Rubber and miscellaneous plastic products	41.9	41.6	41.7	41.6	41.1	42.4	42.4	42.3	41.6	41.3	41.6	41.3	41.8
Leather and leather products	37.6	37.9	37.7	38.4	38.3	38.3	38.1	37.5	38.2	38.1	38.5	37.7	37.9
WHOLESALE AND RETAIL TRADE²	-	38.3	38.1	38.2	38.3	38.3	38.3	38.3	38.4	38.3	38.4	38.2	38.5
WHOLESALE TRADE	-	40.7	40.8	40.9	40.7	40.9	40.8	40.8	40.9	40.9	40.6	40.5	40.7
RETAIL TRADE²	-	37.3	37.1	37.1	37.3	37.1	37.2	37.1	37.3	37.3	37.5	37.3	37.5

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												
	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964
TOTAL	109.4	109.1	108.8	108.7	107.4	109.6	108.6	108.1	108.2	105.7	102.4	103.2	104.0
MINING	83.0	84.3	82.0	82.4	81.8	83.1	81.7	82.5	83.8	84.1	83.2	80.7	81.9
CONTRACT CONSTRUCTION	110.8	109.2	110.3	111.9	108.7	115.4	114.2	112.9	118.0	110.8	106.7	101.4	106.4
MANUFACTURING	110.5	110.3	109.8	109.4	108.5	109.9	109.0	108.5	107.7	105.9	102.6	104.6	104.7
DURABLE GOODS	114.8	114.8	114.1	113.2	112.4	113.7	112.5	111.6	110.7	108.2	102.9	107.6	106.9
Ordnance and accessories	134.5	134.8	131.3	128.5	123.8	126.3	126.3	125.1	123.9	125.7	126.3	125.7	128.2
Lumber and wood products, except furniture ...	96.2	95.7	93.7	96.7	96.7	98.8	96.6	95.8	96.1	94.7	93.5	93.2	95.7
Furniture and fixtures	118.1	117.6	117.2	118.1	117.0	118.9	117.6	115.5	115.7	113.5	112.4	110.1	111.0
Stone, clay, and glass products	108.1	107.7	106.1	106.9	106.2	108.3	107.3	107.3	108.1	106.1	105.7	105.1	105.2
Primary metal industries	115.3	116.7	113.9	110.4	115.2	112.7	112.4	112.2	111.3	111.0	108.5	111.3	108.2
Fabricated metal products	116.0	118.0	117.1	117.3	115.7	115.7	117.9	115.5	113.9	111.0	105.7	110.6	110.1
Machinery	124.6	122.8	121.5	120.3	117.2	120.7	118.8	118.3	118.5	115.6	113.6	113.9	113.2
Electrical equipment and supplies	125.3	126.2	126.0	124.9	122.2	123.6	121.8	120.1	119.2	117.2	115.3	113.7	113.6
Transportation equipment	107.6	106.9	108.9	107.5	105.6	108.0	105.1	105.1	101.5	96.1	76.4	100.0	97.7
Instruments and related products	113.4	114.3	111.9	109.7	107.9	109.9	109.2	107.7	107.3	105.8	104.0	104.9	105.1
Miscellaneous manufacturing industries	109.7	108.6	108.7	108.9	108.8	110.1	108.8	108.2	108.8	107.0	105.7	103.1	104.2
NONDURABLE GOODS	104.8	104.4	104.3	104.4	103.5	105.0	104.4	104.4	103.8	102.9	102.2	100.8	101.7
Food and kindred products	92.1	91.4	90.8	91.6	90.8	93.1	92.9	94.0	94.4	93.4	91.9	91.3	92.3
Tobacco manufactures	74.8	86.4	82.8	83.7	79.9	85.2	87.5	86.6	91.8	93.9	93.4	80.1	84.3
Textile mill products	101.5	100.8	100.8	100.8	100.5	102.2	101.7	101.8	100.3	99.0	98.2	94.9	97.2
Apparel and related products	116.0	114.8	117.7	116.2	113.3	115.7	114.7	115.4	113.5	112.7	111.4	107.4	109.7
Paper and allied products	111.0	111.0	109.7	109.8	108.4	110.2	109.3	108.9	108.4	107.3	108.2	107.7	108.2
Printing, publishing, and allied industries	110.2	110.3	109.5	109.3	109.2	109.0	108.8	108.1	108.2	106.8	107.1	107.2	107.1
Chemicals and allied products	109.9	109.5	108.9	109.0	109.9	108.5	108.4	107.9	106.6	106.5	105.4	107.5	105.4
Petroleum refining and related industries	80.2	79.8	78.2	77.5	79.7	79.5	77.1	77.1	78.4	78.5	79.7	81.4	80.0
Rubber and miscellaneous plastic products	134.1	131.3	130.2	129.5	128.7	132.0	130.5	127.6	124.0	122.4	122.2	123.5	123.9
Leather and leather products	96.9	97.7	97.5	100.2	99.0	99.7	98.5	96.7	98.5	98.2	98.3	96.6	96.4

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		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
ALABAMA.....	\$95.11	\$93.41	\$88.32	41.9	41.7	40.7	\$2.27	\$2.24	\$2.17
Birmingham.....	121.96	118.40	112.74	42.2	41.4	40.7	2.89	2.86	2.77
Mobile.....	109.93	108.20	105.58	41.8	42.1	42.4	2.63	2.57	2.49
ALASKA.....	(1)	161.07	165.99	(1)	45.5	50.3	(1)	3.54	3.30
ARIZONA.....	112.89	112.89	110.42	41.2	41.2	40.3	2.74	2.74	2.74
Phoenix.....	116.06	115.78	112.33	41.6	41.5	40.7	2.79	2.79	2.76
Tucson.....	112.97	114.91	115.74	39.5	39.9	39.1	2.86	2.88	2.96
ARKANSAS.....	75.03	74.48	72.45	41.0	40.7	40.7	1.83	1.83	1.78
Fort Smith.....	72.73	75.17	67.99	39.1	41.3	39.3	1.86	1.82	1.73
Little Rock-North Little Rock.....	75.40	75.26	71.78	41.2	40.9	40.1	1.83	1.84	1.79
Pine Bluff.....	92.99	88.48	86.90	41.7	40.4	40.8	2.23	2.19	2.13
CALIFORNIA.....	124.03	124.14	119.29	40.8	40.7	40.3	3.04	3.05	2.96
Anaheim-Santa Ana-Garden Grove.....	124.75	124.31	120.99	40.9	41.3	40.6	3.05	3.01	2.98
Bakersfield.....	134.14	138.13	129.43	41.4	42.5	40.7	3.24	3.25	3.18
Fresno.....	105.73	104.79	103.02	39.6	39.1	40.4	2.67	2.68	2.55
Los Angeles-Long Beach.....	122.29	122.29	116.47	40.9	40.9	40.3	2.99	2.99	2.89
Sacramento.....	137.42	128.40	132.18	40.9	40.0	40.3	3.36	3.21	3.28
San Bernardino-Riverside-Ontario.....	122.10	122.51	120.69	40.7	40.7	40.5	3.00	3.01	2.98
San Diego.....	130.49	130.33	126.58	40.4	40.6	40.7	3.23	3.21	3.11
San Francisco-Oakland.....	133.32	131.27	127.36	40.4	39.9	39.8	3.30	3.29	3.20
San Jose.....	128.44	129.88	118.55	41.7	41.1	40.6	3.08	3.16	2.92
Stockton.....	127.32	123.41	118.40	42.3	40.2	41.4	3.01	3.07	2.86
Vallejo-Napa.....	111.20	121.86	103.82	36.7	38.2	36.3	3.03	3.19	2.86
COLORADO.....	119.00	115.06	113.71	42.2	40.8	41.5	2.82	2.82	2.74
Denver.....	119.81	115.26	115.08	41.6	40.3	41.1	2.88	2.86	2.80
CONNECTICUT.....	113.10	113.10	107.53	42.2	42.2	41.2	2.68	2.68	2.61
Bridgeport.....	117.74	116.62	112.61	42.2	42.1	41.4	2.79	2.77	2.72
Hartford.....	119.69	118.72	112.17	42.9	42.4	41.7	2.79	2.80	2.69
New Britain.....	114.12	115.22	110.39	41.5	41.9	41.5	2.73	2.75	2.66
New Haven.....	108.24	108.88	106.60	41.0	41.4	41.0	2.64	2.63	2.60
Stamford.....	117.73	114.93	109.89	42.5	42.1	40.7	2.77	2.73	2.70
Waterbury.....	113.48	113.21	108.68	42.5	42.4	41.8	2.67	2.67	2.60
DELAWARE.....	111.79	111.64	107.71	40.8	41.5	40.8	2.74	2.69	2.64
Wilmington.....	124.01	123.71	121.01	41.2	41.1	41.3	3.01	3.01	2.93
DISTRICT OF COLUMBIA: Washington SMSA.....	113.40	114.37	108.19	40.5	40.7	39.2	2.80	2.81	2.76
FLORIDA.....	90.47	91.78	88.61	41.5	42.1	41.6	2.18	2.18	2.13
Jacksonville.....	92.80	95.94	91.17	40.7	41.0	40.7	2.28	2.34	2.24
Miami.....	85.89	86.73	83.82	40.9	41.3	40.3	2.10	2.10	2.08
Tampa-St. Petersburg.....	92.86	95.48	89.03	42.4	43.4	41.8	2.19	2.20	2.13
GEORGIA.....	82.81	81.38	77.55	41.2	41.1	40.6	2.01	1.98	1.91
Atlanta.....	104.49	103.50	96.15	41.3	41.4	40.4	2.53	2.50	2.38
Savannah.....	103.00	101.27	102.67	41.2	41.0	41.4	2.50	2.47	2.48
HAWAII.....	(1)	92.96	81.95	(1)	41.5	41.6	(1)	2.24	1.97
IDAHO.....	109.69	106.71	106.39	39.6	41.2	40.3	2.77	2.59	2.64
ILLINOIS.....	115.64	117.35	111.99	41.1	41.6	40.8	2.82	2.82	2.74
Chicago.....	116.58	119.31	113.91	40.9	41.8	40.8	2.85	2.85	2.79
Deavenport-Rock Island-Moline.....	(1)	127.42	127.25	(1)	41.1	41.8	(1)	3.10	3.05
Peoria.....	(1)	129.59	127.72	(1)	41.5	41.9	(1)	3.12	3.04
Rockford.....	(1)	117.68	111.56	(1)	43.1	42.9	(1)	2.73	2.60
INDIANA.....	121.43	123.31	115.70	41.5	42.1	41.2	2.93	2.93	2.81
Indianapolis.....	(1)	124.57	118.42	(1)	42.7	42.1	(1)	2.92	2.81
IOWA.....	116.27	113.19	107.03	41.4	40.7	39.4	2.81	2.78	2.72
Cedar Rapids.....	117.36	117.33	107.21	42.0	42.1	39.9	2.80	2.79	2.68
Des Moines.....	124.48	126.07	113.77	40.0	40.1	38.4	3.12	3.14	2.96

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		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
KANSAS.....	\$114.76	\$113.87	\$109.37	42.8	42.7	41.8	\$2.68	\$2.67	\$2.62
Topeka.....	122.97	121.70	115.15	42.6	42.5	41.9	2.89	2.86	2.75
Wichita.....	120.35	117.22	116.54	42.6	41.9	41.5	2.83	2.80	2.81
KENTUCKY.....	(1)	103.48	99.77	(1)	40.9	40.4	(1)	2.53	2.42
Louisville.....	118.91	122.55	114.96	40.9	41.9	41.2	2.91	2.93	2.79
LOUISIANA.....	109.98	108.97	105.00	42.3	42.9	41.5	2.60	2.54	2.53
Baton Rouge.....	133.08	130.38	128.34	41.2	41.0	41.4	3.23	3.18	3.10
New Orleans.....	111.66	110.51	105.32	40.9	41.7	40.2	2.73	2.65	2.62
Shreveport.....	103.97	101.29	100.01	43.5	43.1	42.2	2.39	2.35	2.37
MAINE.....	84.87	84.05	82.20	41.4	41.0	41.1	2.05	2.05	2.00
Lewiston-Auburn.....	70.05	71.21	68.99	38.7	38.7	39.2	1.81	1.84	1.76
Portland.....	87.20	88.73	87.02	40.0	40.7	40.1	2.18	2.18	2.17
MARYLAND.....	108.88	107.94	103.89	41.4	41.2	40.9	2.63	2.62	2.54
Baltimore.....	114.12	114.68	110.70	41.2	41.4	41.0	2.77	2.77	2.70
MASSACHUSETTS.....	97.84	98.82	94.80	40.1	40.5	40.0	2.44	2.44	2.37
Boston.....	105.07	106.25	102.03	39.8	40.4	39.7	2.64	2.63	2.57
Fall River.....	68.71	69.78	66.74	35.6	35.6	35.5	1.93	1.96	1.88
New Bedford.....	80.98	81.78	75.46	39.5	39.7	38.5	2.05	2.06	1.96
Springfield-Chicopee-Holyoke.....	102.41	103.57	98.58	40.8	41.1	40.4	2.51	2.52	2.44
Worcester.....	107.53	108.62	102.09	41.2	41.3	41.0	2.61	2.63	2.49
MICHIGAN.....	141.13	143.49	132.78	44.2	44.8	42.9	3.19	3.20	3.10
Detroit.....	147.18	150.44	139.66	44.0	44.8	42.8	3.35	3.36	3.26
Flint ²	166.27	166.69	149.08	46.2	46.6	43.2	3.60	3.58	3.45
Grand Rapids ²	118.89	117.92	109.77	42.2	41.8	39.6	2.82	2.82	2.77
Lansing.....	139.67	137.08	136.04	42.4	42.1	42.7	3.29	3.26	3.19
Muskegon-Muskegon Heights.....	126.95	126.18	113.62	42.5	42.2	39.7	2.99	2.99	2.86
Saginaw.....	148.29	151.96	141.35	45.1	46.5	45.7	3.29	3.27	3.09
MINNESOTA.....	112.25	114.17	105.94	41.5	41.9	40.4	2.70	2.73	2.62
Duluth-Superior.....	110.99	111.56	107.45	39.8	40.1	39.6	2.79	2.78	2.72
Minneapolis-St. Paul.....	119.39	121.17	111.88	41.4	42.0	40.3	2.88	2.88	2.78
MISSISSIPPI.....	75.40	72.85	72.80	41.2	40.7	40.9	1.83	1.79	1.78
Jackson.....	83.28	83.79	76.50	44.3	44.1	42.5	1.88	1.90	1.80
MISSOURI.....	105.07	106.53	102.63	40.2	40.8	40.5	2.61	2.61	2.53
Kansas City.....	114.00	115.94	112.81	40.7	41.5	41.1	2.80	2.79	2.74
St. Louis.....	117.84	118.31	115.84	40.4	40.7	40.7	2.91	2.91	2.85
MONTANA.....	117.87	117.58	113.55	42.4	42.6	41.9	2.78	2.76	2.71
NEBRASKA.....	102.68	104.07	101.89	43.7	44.3	43.5	2.35	2.35	2.34
Omaha.....	110.44	113.19	108.90	42.7	44.1	42.1	2.59	2.57	2.59
NEVADA.....	128.11	127.17	129.60	40.8	40.5	40.5	3.14	3.14	3.20
NEW HAMPSHIRE.....	84.25	85.28	80.00	40.9	41.4	40.0	2.06	2.06	2.00
Manchester.....	78.21	78.01	75.66	39.3	39.2	39.0	1.99	1.99	1.94
NEW JERSEY.....	113.30	113.44	107.87	41.2	41.4	40.4	2.75	2.74	2.67
Atlantic City.....	82.08	82.60	76.82	38.9	38.6	38.8	2.11	2.14	1.98
Jersey City ³	109.76	109.21	104.28	40.5	40.6	39.8	2.71	2.69	2.62
Newark ³	113.44	114.54	108.53	41.1	41.5	40.8	2.76	2.76	2.66
Paterson-Clifton-Passaic ³	113.71	116.05	108.94	41.2	42.2	40.8	2.76	2.75	2.67
Perth Amboy ³	121.40	121.70	112.74	42.3	42.7	40.7	2.87	2.85	2.77
Trenton.....	110.84	110.02	107.46	40.6	40.3	40.4	2.73	2.73	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		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
NEW MEXICO	\$94.53	\$94.43	\$91.02	42.2	41.6	41.0	\$2.24	\$2.27	\$2.22
Albuquerque.....	95.58	97.17	94.30	40.5	41.0	40.3	2.36	2.37	2.34
NEW YORK	105.86	106.40	102.44	39.5	39.7	39.4	2.68	2.68	2.60
Albany-Schenectady-Troy.....	115.87	116.85	112.03	40.8	41.0	40.3	2.84	2.85	2.78
Binghamton.....	101.30	102.47	96.88	40.2	40.5	40.2	2.52	2.53	2.41
Buffalo.....	131.44	132.18	124.80	42.4	42.5	41.6	3.10	3.11	3.00
Elmira.....	105.87	106.27	103.46	39.8	40.1	40.1	2.66	2.65	2.58
Nassau and Suffolk Counties ⁴	105.34	107.87	106.92	39.6	40.1	39.6	2.66	2.69	2.70
New York-Northeastern New Jersey.....	105.18	105.20	101.27	39.1	39.4	38.8	2.69	2.67	2.61
New York SMSA ³	99.41	99.56	97.40	37.8	38.0	37.9	2.63	2.62	2.57
New York City ⁴	98.25	97.76	95.37	37.5	37.6	37.4	2.62	2.60	2.55
Rochester.....	120.51	120.51	114.95	41.7	41.7	41.8	2.89	2.89	2.75
Syracuse.....	114.80	114.67	109.88	41.0	41.1	41.0	2.80	2.79	2.68
Utica-Rome.....	98.60	99.63	98.25	39.6	40.5	40.6	2.49	2.46	2.42
Westchester County ⁴	103.98	105.73	103.20	38.8	39.6	40.0	2.68	2.67	2.58
NORTH CAROLINA	74.07	74.75	71.23	40.7	41.3	40.7	1.82	1.81	1.75
Charlotte.....	79.84	79.57	75.26	41.8	42.1	40.9	1.91	1.89	1.84
Greensboro-High Point.....	74.59	74.37	73.03	40.1	40.2	40.8	1.86	1.85	1.79
NORTH DAKOTA	100.01	98.34	96.63	42.8	42.1	42.9	2.34	2.34	2.25
Fargo-Moorhead.....	109.20	105.28	110.70	42.1	40.6	42.9	2.59	2.59	2.58
OHIO	126.64	128.28	121.13	42.3	42.6	41.7	2.99	3.01	2.90
Akron.....	142.21	140.46	131.01	42.9	42.9	41.0	3.31	3.27	3.20
Canton.....	125.03	122.46	119.31	41.6	40.6	40.9	3.01	3.02	2.92
Cincinnati.....	118.39	121.59	114.85	42.3	42.9	42.2	2.80	2.83	2.72
Cleveland.....	131.44	133.25	123.89	43.0	43.5	41.9	3.06	3.06	2.96
Columbus.....	115.68	115.81	113.38	40.6	40.6	41.2	2.85	2.85	2.75
Dayton.....	138.33	141.12	130.68	43.1	43.6	42.4	3.21	3.24	3.08
Toledo.....	131.15	132.12	127.15	41.7	42.0	42.0	3.15	3.15	3.03
Youngstown-Warren.....	141.10	139.56	131.84	42.5	42.0	41.0	3.32	3.32	3.22
OKLAHOMA	101.57	101.82	98.23	41.8	41.9	41.8	2.43	2.43	2.35
Oklahoma City.....	97.16	96.48	94.37	42.8	42.5	42.7	2.27	2.27	2.21
Tulsa.....	112.89	112.20	104.33	42.6	42.5	41.4	2.65	2.64	2.52
OREGON	116.42	117.41	113.54	39.6	39.8	39.7	2.94	2.95	2.86
Portland.....	114.95	116.42	113.08	39.1	39.2	39.4	2.94	2.97	2.87
PENNSYLVANIA	106.63	107.42	102.51	40.7	41.0	40.2	2.62	2.62	2.55
Allentown-Bethlehem-Easton.....	102.44	102.83	99.82	39.1	39.1	39.3	2.62	2.63	2.54
Altoona.....	88.09	90.32	84.98	39.5	40.5	39.8	2.23	2.23	2.12
Erie.....	113.67	116.14	108.58	42.1	42.7	41.6	2.70	2.72	2.61
Harrisburg.....	92.00	95.71	90.13	40.0	40.9	40.6	2.30	2.34	2.22
Johnstown.....	115.33	108.68	107.80	38.7	38.0	39.2	2.98	2.86	2.75
Lancaster.....	94.83	95.76	91.76	40.7	41.1	40.6	2.33	2.33	2.26
Philadelphia.....	112.61	111.93	105.34	40.8	40.7	39.6	2.76	2.75	2.66
Pittsburgh.....	129.27	130.73	126.59	41.3	41.5	41.1	3.13	3.15	3.08
Reading.....	91.94	95.58	89.67	39.8	40.5	39.5	2.31	2.36	2.27
Scranton.....	78.04	78.25	74.07	37.7	37.8	37.6	2.07	2.07	1.97
Wilkes-Barre-Hazleton.....	72.92	73.40	70.83	36.1	36.7	36.7	2.02	2.00	1.93
York.....	89.64	92.02	85.08	41.5	42.6	41.5	2.16	2.16	2.05
RHODE ISLAND	88.48	88.54	84.19	40.4	40.8	39.9	2.19	2.17	2.11
Providence-Pawtucket-Warwick.....	88.48	89.19	84.40	40.4	41.1	40.0	2.19	2.17	2.11
SOUTH CAROLINA	79.99	78.26	72.85	42.1	42.3	40.7	1.90	1.85	1.79
Charleston.....	88.61	84.86	79.79	42.6	41.6	39.5	2.08	2.04	2.02
Greenville.....	78.44	77.29	72.73	42.4	42.7	41.8	1.85	1.81	1.74
SOUTH DAKOTA	102.13	103.17	104.86	44.2	44.0	44.9	2.31	2.34	2.34
Sioux Falls.....	119.03	113.76	116.06	46.6	44.6	46.8	2.55	2.55	2.48

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		
	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964	July 1965	June 1965	July 1964
TENNESSEE	\$85.47	\$86.53	\$82.62	40.7	41.8	40.9	\$2.10	\$2.07	\$2.02
Chattanooga.....	93.07	93.66	88.99	41.0	42.0	41.2	2.27	2.23	2.16
Knoxville.....	98.12	98.53	93.06	41.4	41.4	39.6	2.37	2.38	2.35
Memphis.....	92.92	95.35	91.39	40.4	41.1	40.8	2.30	2.32	2.24
Nashville.....	92.66	92.57	88.97	41.0	41.7	41.0	2.26	2.22	2.17
TEXAS	102.67	103.66	102.72	41.4	41.8	42.1	2.48	2.48	2.44
Dallas.....	96.60	97.48	92.18	42.0	42.2	41.9	2.30	2.31	2.20
Fort Worth.....	109.93	110.99	109.57	41.8	42.2	42.8	2.63	2.63	2.56
Houston.....	122.27	121.98	123.32	42.9	42.8	44.2	2.85	2.85	2.79
San Antonio.....	78.66	78.66	75.53	41.4	41.4	41.5	1.90	1.90	1.82
UTAH	118.90	116.47	112.74	41.0	40.3	40.7	2.90	2.89	2.77
Salt Lake City.....	114.11	112.61	108.67	40.9	40.8	40.7	2.79	2.76	2.67
VERMONT	91.38	91.38	86.53	42.5	42.5	41.4	2.15	2.15	2.09
Burlington.....	93.56	93.86	91.48	41.4	41.9	40.3	2.26	2.24	2.27
Springfield.....	104.86	102.30	100.06	42.8	42.1	42.4	2.45	2.43	2.36
VIRGINIA	87.77	88.19	84.66	41.4	41.6	41.3	2.12	2.12	2.05
Norfolk-Portsmouth.....	95.48	96.36	89.25	43.4	44.0	42.3	2.20	2.19	2.11
Richmond.....	96.35	95.24	92.62	41.0	40.7	40.8	2.35	2.34	2.27
Roanoke.....	85.17	87.23	81.54	42.8	43.4	41.6	1.99	2.01	1.96
WASHINGTON	121.18	123.41	118.90	39.6	40.2	39.9	3.06	3.07	2.98
Seattle-Everett.....	123.16	126.23	121.10	39.6	40.2	40.1	3.11	3.14	3.02
Spokane.....	123.38	124.12	122.21	39.8	40.3	40.2	3.10	3.08	3.04
Tacoma.....	118.59	119.69	114.64	39.4	39.5	38.6	3.01	3.03	2.97
WEST VIRGINIA	108.90	111.65	106.27	39.6	40.6	39.8	2.75	2.75	2.67
Charleston.....	130.65	130.92	130.41	40.7	41.3	41.4	3.21	3.17	3.15
Huntington-Ashland.....	117.30	121.80	114.91	39.1	40.6	39.9	3.00	3.00	2.88
Wheeling.....	108.19	110.95	109.45	39.2	40.2	39.8	2.76	2.76	2.75
WISCONSIN	112.08	114.65	108.51	41.6	41.8	41.6	2.69	2.74	2.61
Green Bay.....	114.92	114.82	111.98	43.7	43.3	44.2	2.63	2.65	2.53
Kenosha.....	110.75	123.87	123.59	35.4	39.8	41.2	3.13	3.11	3.00
La Crosse.....	101.64	100.84	103.39	39.9	39.3	40.1	2.55	2.57	2.58
Madison.....	120.29	119.19	112.13	42.2	41.5	41.1	2.85	2.87	2.73
Milwaukee.....	123.87	125.73	121.25	41.0	41.5	41.1	3.02	3.03	2.95
Racine.....	123.46	122.20	119.27	41.5	41.4	41.4	2.97	2.95	2.88
WYOMING	111.46	111.07	116.58	38.7	38.7	40.2	2.88	2.87	2.90
Casper.....	124.02	124.61	126.46	39.0	38.7	41.6	3.18	3.22	3.04

¹ Not available.

² Data for 1965 not comparable with earlier years because of change in area definition.

³ Area included in New York-Northeastern New Jersey Standard Consolidated Area.

⁴ Subarea of New York Standard Metropolitan Statistical Area.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

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

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
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	3.2	2.6	4.0
1965.....	3.8	3.5	4.0	3.8	4.1	5.6	4.4						
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	2.2	1.6	2.6
1965.....	2.4	2.4	2.8	2.6	2.9	4.3	3.1						
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	3.6	3.7	3.9
1965.....	3.7	3.1	3.4	3.7	3.6	3.6	3.9						
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	1.0	1.5
1965.....	1.3	1.3	1.5	1.7	1.7	1.7	1.7						
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	2.1	1.7
1965.....	1.6	1.2	1.2	1.3	1.1	1.1	1.4						

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	
	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965
MANUFACTURING	4.4	5.6	3.1	4.3	3.9	3.6	1.7	1.7	1.4	1.1
DURABLE GOODS	3.8	5.3	2.8	4.2	3.5	3.3	1.6	1.6	1.2	1.0
NONDURABLE GOODS	5.1	6.0	3.5	4.4	4.4	3.9	2.0	1.9	1.7	1.3
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	2.7	3.9	1.6	2.6	2.0	2.3	0.8	1.1	0.7	0.6
Ammunition, except for small arms	2.3	3.5	1.3	2.3	1.9	2.2	.8	1.1	.6	.6
Sighting and fire control equipment	2.0	3.3	1.0	1.5	.6	1.9	.4	.9	.1	.3
Other ordnance and accessories	4.3	5.8	2.9	3.8	2.7	2.6	.9	1.1	1.4	.8
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	6.3	8.5	5.2	7.4	5.5	5.3	3.5	3.4	1.1	.9
Sawmills and planing mills	5.3	7.2	4.8	6.3	4.6	4.4	3.3	3.0	.6	.6
Sawmills and planing mills, general	5.2	7.4	4.8	6.6	4.5	4.3	3.2	2.9	.5	.6
Millwork, plywood, and related products	4.6	8.2	4.2	7.3	4.3	4.9	2.7	3.2	.8	.7
Millwork	4.7	8.0	4.2	7.3	4.0	4.9	2.3	3.2	.9	.8
Veneer and plywood	4.8	6.9	4.4	5.8	4.4	4.7	3.2	3.3	.5	.4
Wooden containers	6.3	8.6	5.2	7.6	7.7	7.4	3.7	3.4	3.0	2.8
Wooden boxes, shooks, and crates	6.1	8.6	5.0	7.7	7.2	7.4	3.6	3.4	2.7	2.9
Miscellaneous wood products	5.2	7.0	4.1	6.2	5.5	4.8	3.1	3.1	1.5	.6
FURNITURE AND FIXTURES	5.1	5.8	4.5	5.0	5.0	4.8	2.9	2.7	1.2	1.1
Household furniture	5.3	5.5	4.6	4.7	5.3	5.1	3.1	2.9	1.2	1.2
Wood house furniture, upholstered	4.9	5.9	4.5	5.3	4.7	4.5	3.2	3.0	.5	.6
Wood house furniture, upholstered	5.2	3.7	4.4	2.9	4.6	3.8	3.1	2.1	.6	1.0
Mattresses and bedspings	5.2	5.5	4.3	4.9	4.8	4.1	2.1	2.7	1.9	.5
Office furniture	4.5	5.3	3.8	4.6	4.0	2.9	2.1	1.8	1.2	.5
STONE, CLAY, AND GLASS PRODUCTS	3.9	5.7	3.0	4.5	3.2	3.5	1.6	1.6	.9	.9
Flat glass	2.6	6.3	1.4	2.4	2.0	1.4	.4	.3	1.2	.6
Glass and glassware, pressed or blown	4.0	5.4	2.7	3.6	3.0	3.5	1.5	1.6	.6	.8
Glass containers	3.8	6.3	3.1	4.6	2.7	3.8	1.9	1.9	.2	.7
Pressed and blown glassware, n.e.c.	4.2	4.3	2.1	2.3	3.3	3.2	.9	1.1	1.2	.9
Cement, hydraulic	1.7	3.9	1.3	3.3	1.4	1.4	.5	.5	.4	.5
Structural clay products	4.0	6.3	3.5	5.5	3.5	2.9	2.2	1.9	.6	.3
Brick and structural clay tile	5.3	7.3	4.7	6.4	4.0	3.5	3.0	2.6	.3	.2
Pottery and related products	5.2	4.3	2.4	3.5	4.7	4.7	1.8	1.9	2.2	2.2
Abrasive products	1.8	4.2	1.5	4.0	1.5	1.4	.7	.8	.2	(1)
PRIMARY METAL INDUSTRIES	2.5	4.5	1.9	3.7	2.3	2.2	1.0	1.0	.6	.5
Blast furnace and basic steel products	2.2	4.4	1.5	3.7	2.0	1.8	.7	.7	.5	.3
Blast furnaces, steel and rolling mills	2.2	4.5	1.5	3.8	1.9	1.7	.6	.7	.5	.2
Iron and steel foundries	3.3	5.1	2.8	4.1	3.2	3.6	1.9	1.8	.6	.8
Gray iron foundries	3.5	5.4	2.8	4.3	3.4	4.0	2.2	1.9	.6	1.1
Malleable iron foundries	4.1	5.6	3.6	4.1	4.6	4.0	2.3	2.0	1.2	.9
Steel foundries	2.6	4.3	2.4	3.6	2.3	2.5	1.1	1.4	.5	.3
Nonferrous smelting and refining	2.4	4.2	2.0	3.8	1.9	1.9	1.0	.9	.2	.3
Nonferrous rolling, drawing, and extruding	1.9	4.0	1.5	2.9	1.9	2.2	.7	.8	.6	.8
Copper rolling, drawing, and extruding	1.8	3.6	1.4	2.8	1.6	1.4	.5	.6	.5	.1
Aluminum rolling, drawing, and extruding	1.8	3.5	1.4	2.9	2.2	1.5	.6	.7	.9	.3
Nonferrous wire drawing, and insulating	2.2	4.7	1.7	2.8	1.8	3.5	.9	.9	.4	2.0
Nonferrous foundries	4.5	6.0	3.6	4.6	4.7	3.5	2.4	1.8	1.2	.6
Aluminum castings	4.9	5.7	3.5	4.1	5.8	3.7	2.8	1.9	1.8	.7
Other nonferrous castings	4.1	6.3	3.8	5.0	3.6	3.4	2.1	1.8	.6	.5
Miscellaneous primary metal industries	2.8	3.9	2.3	3.5	2.4	1.9	1.3	1.1	.4	.2
Iron and steel forgings	2.5	3.5	2.1	3.1	2.0	1.8	1.1	1.0	.2	.2

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

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

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965
<i>Durable Goods--Continued</i>										
FABRICATED METAL PRODUCTS	4.3	5.9	3.2	4.7	4.2	4.0	1.8	1.8	1.7	1.3
Metal cans	5.6	6.7	3.1	2.9	4.3	4.8	1.1	.7	2.2	3.0
Cutlery, hand tools, and general hardware	3.3	4.2	2.2	3.1	4.6	3.7	1.5	1.3	2.3	1.7
Cutlery and hand tools, including saws	2.9	4.0	2.2	3.4	3.1	2.6	1.5	1.3	.9	.7
Hardware, n.e.c	3.5	4.4	2.2	2.9	5.5	4.3	1.5	1.3	3.2	2.3
Heating equipment and plumbing fixtures	2.9	5.0	2.3	3.8	3.3	3.4	1.6	1.7	1.0	.9
Sanitary ware and plumbers' brass goods	2.7	4.5	2.0	3.3	3.8	3.6	1.5	1.6	1.5	1.0
Heating equipment, except electric	3.1	5.4	2.5	4.2	2.9	3.3	1.7	1.7	.6	.7
Fabricated structural metal products	5.3	7.5	4.5	6.4	3.8	4.1	2.0	2.0	1.0	1.1
Fabricated structural steel	5.5	7.4	4.8	6.0	3.9	4.7	2.1	1.8	1.0	1.9
Fabricated plate work (boiler shops)	3.8	5.6	3.4	4.7	2.7	3.2	1.6	1.6	.4	.7
Architectural and miscellaneous metal work	5.0	7.5	3.9	6.7	3.5	3.7	1.7	2.0	1.2	.8
Screw machine products, bolts, etc	3.4	5.1	2.7	4.5	3.3	3.1	1.8	2.1	.6	.2
Bolts, nuts, screws, rivets, and washers	2.6	3.9	1.9	3.3	2.3	2.2	1.2	1.4	.4	.2
Metal stampings	3.7	5.0	2.2	3.6	4.8	4.1	1.4	1.5	2.8	1.8
Miscellaneous fabricated wire products	4.1	5.7	3.2	5.1	5.7	3.7	2.7	2.2	2.4	.8
Miscellaneous fabricated metal products	3.1	4.7	2.4	3.8	3.6	3.1	1.4	1.7	1.5	.7
Valves, pipe, and pipe fittings	3.4	5.0	2.6	4.3	3.4	2.8	1.5	1.7	1.2	.3
MACHINERY	3.0	4.6	2.4	3.8	2.8	2.7	1.3	1.3	.8	.6
Engines and turbines	3.7	4.5	1.4	2.8	4.0	3.2	.7	.9	2.3	1.3
Steam engines and turbines	2.7	2.5	1.6	1.5	1.9	1.8	.5	.5	.1	.2
Internal combustion engines, n.e.c	4.4	5.6	1.3	3.5	5.2	4.0	.8	1.1	3.6	2.0
Farm machinery and equipment	3.1	5.5	2.1	3.9	3.0	4.2	1.4	1.8	1.1	1.8
Construction and related machinery	2.7	4.3	2.4	3.8	2.2	2.3	1.3	1.3	.3	.3
Construction and mining machinery	2.3	3.9	1.9	3.3	1.9	2.1	1.1	1.2	.2	.3
Oil field machinery, and equipment	3.2	4.3	3.0	3.8	2.4	2.1	1.7	1.4	.1	.2
Conveyors, hoists, and industrial cranes	3.4	5.9	3.3	5.4	2.9	2.6	1.7	1.6	.3	.2
Metalworking machinery and equipment	2.7	4.2	2.3	3.6	2.8	2.6	1.3	1.3	.9	.7
Machine tools, metal cutting types	1.9	3.9	1.8	3.5	1.5	1.7	1.0	1.0	(1)	.1
Machine tool accessories	2.2	4.0	1.7	3.7	2.3	1.8	1.1	1.1	.5	.2
Miscellaneous metalworking machinery	1.7	3.7	1.5	3.2	1.5	1.7	.9	1.0	.2	.2
Special industry machinery	2.4	3.8	1.9	3.4	2.6	2.1	1.3	1.3	.7	.3
Food products machinery	2.5	3.8	2.0	3.3	2.2	2.3	1.2	1.2	.5	.6
Textile machinery	2.4	4.0	2.1	3.5	3.0	2.3	1.7	1.5	.6	.1
General industrial machinery	2.7	4.6	2.3	3.8	2.1	2.3	1.2	1.2	.3	.5
Pumps, air and gas compressors	2.6	4.2	2.4	3.6	2.0	2.3	1.2	1.4	.1	.2
Ball and roller bearings	3.1	4.4	2.2	3.0	1.9	2.3	.9	.9	.7	1.0
Mechanical power transmission goods	1.9	4.6	1.6	3.7	1.8	1.7	1.1	1.0	.2	.1
Office, computing, and accounting machines	4.1	4.0	3.2	3.1	2.6	2.1	1.4	.9	.6	.3
Computing machines and cash registers	4.0	4.2	3.5	3.2	2.0	2.0	1.1	.8	.2	.2
Service industry machines	3.5	5.8	2.9	5.1	4.3	3.3	1.7	1.6	1.8	.7
Refrigeration, except home refrigerators	3.9	5.9	3.2	5.0	4.8	3.3	1.8	1.5	2.1	.9
ELECTRICAL EQUIPMENT AND SUPPLIES	3.3	4.6	2.5	3.5	3.2	3.0	1.4	1.5	1.1	.7
Electric distribution equipment	3.5	4.3	2.9	3.4	2.7	2.2	1.5	1.2	.5	.3
Electric measuring instruments	3.9	4.9	3.4	3.7	3.4	2.4	1.8	1.4	1.0	.2
Power and distribution transformers	2.8	3.9	2.2	3.1	2.2	2.2	.9	.9	.6	.7
Switchgear and switchboard apparatus	3.6	4.0	2.8	3.4	2.6	2.0	1.6	1.2	.1	.1
Electrical industrial apparatus	2.7	4.7	2.1	3.8	2.4	2.5	1.2	1.3	.6	.4
Motors and generators	3.0	4.1	2.2	3.2	2.6	2.5	1.1	1.3	.8	.5
Industrial controls	2.2	5.5	1.8	4.8	2.3	2.1	1.2	1.2	.6	.2
Household appliances	3.1	3.5	2.3	2.5	5.0	3.5	1.3	1.4	3.0	1.3
Household refrigerators and freezers	1.0	2.8	.6	1.3	7.5	4.7	.7	1.1	6.5	2.7
Household laundry equipment	4.7	4.0	3.8	3.0	2.0	2.1	.9	.8	.4	.9
Electric housewares and fans	4.3	5.0	3.3	4.2	4.7	3.8	1.9	2.3	2.0	.6
Electric lighting and wiring equipment	4.3	4.5	2.4	3.8	4.4	3.0	1.4	1.6	2.4	.7
Electric lamps	1.3	2.6	.7	2.2	2.7	1.8	.7	.9	1.5	.2
Lighting fixtures	4.2	5.0	2.7	4.1	4.7	3.7	1.4	1.6	2.6	1.4
Wiring devices	5.7	5.0	3.0	4.2	4.9	3.0	1.7	1.9	2.6	.3
Radio and TV receiving sets	4.8	6.8	3.7	5.0	3.9	4.5	1.9	1.9	.9	1.4
Communication equipment	2.4	3.3	2.0	2.4	2.2	2.0	1.0	1.1	.6	.6
Telephone and telegraph apparatus	(2)	1.9	(2)	1.7	(2)	1.6	(2)	.8	(2)	.3
Radio and TV communication equipment	2.9	3.9	2.4	2.7	2.5	2.4	1.2	1.2	.8	.6
Electronic components and accessories	4.1	6.4	3.1	4.9	4.0	4.0	2.0	2.3	1.1	.8
Electron tubes	2.4	3.5	1.5	2.4	2.6	2.7	1.4	1.4	.8	.6
Electronic components, n.e.c	4.6	7.3	3.6	5.7	4.5	4.4	2.2	2.5	1.2	.8
Miscellaneous electrical equipment and supplies	2.4	3.5	1.7	2.5	1.8	2.2	.8	1.0	.5	.6
Electrical equipment for engines	1.3	2.9	.9	1.9	1.5	2.1	.6	.8	.5	.5

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	
	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965
<i>Durable Goods--Continued</i>										
TRANSPORTATION EQUIPMENT	3.9	5.3	2.5	3.6	3.9	3.4	1.1	1.2	2.0	1.5
Motor vehicles and equipment	3.4	5.1	1.7	3.4	4.4	3.3	.8	.9	2.8	1.5
Motor vehicles	3.4	5.0	1.6	3.4	4.2	3.2	.7	.9	3.0	1.6
Passenger car bodies	4.5	5.6	1.4	2.0	4.7	4.2	.4	.5	3.5	3.2
Truck and bus bodies	4.1	6.9	3.9	6.2	3.9	4.0	2.4	1.8	.9	1.1
Motor vehicle parts and accessories	3.0	4.6	1.4	3.2	4.6	2.8	.6	.8	2.9	1.2
Aircraft and parts	3.7	3.9	3.1	3.0	2.0	2.1	1.1	1.1	.5	.5
Aircraft	3.8	3.7	3.1	3.0	1.6	1.6	1.0	1.0	.3	.3
Aircraft engines and engine parts	3.4	3.4	2.6	2.4	2.1	2.3	1.1	1.0	.6	.7
Other aircraft parts and equipment	4.3	5.2	3.7	4.4	3.1	3.2	1.7	1.6	.6	.9
Ship and boat building and repairing	6.6	10.3	3.7	6.2	7.8	8.0	2.5	2.4	4.5	4.8
Ship building and repairing	7.0	10.8	3.7	6.1	7.7	7.8	2.3	1.9	4.6	5.1
Railroad equipment	2.4	6.1	1.6	3.7	2.7	4.6	.7	1.1	1.4	2.2
Other transportation equipment	7.9	8.3	6.8	6.8	6.4	6.3	3.6	3.6	1.7	1.2
INSTRUMENTS AND RELATED PRODUCTS	3.4	4.6	2.7	3.9	2.9	2.5	1.3	1.3	1.0	.6
Engineering and scientific instruments	3.0	3.6	2.6	3.0	3.0	3.0	1.7	1.1	.7	1.4
Mechanical measuring and control devices	2.6	5.1	2.0	4.2	2.5	2.4	1.3	1.4	.7	.4
Mechanical measuring devices	2.6	4.8	1.9	4.3	2.4	2.3	1.2	1.4	.8	.4
Automatic temperature controls	2.7	5.5	2.2	4.2	2.6	2.7	1.5	1.4	.4	.4
Optical and ophthalmic goods	2.9	4.3	2.5	3.5	3.0	3.1	1.3	1.6	1.1	.8
Surgical, medical, and dental equipment	2.7	4.5	2.2	4.0	3.8	2.6	1.4	1.4	1.8	.6
Photographic equipment and supplies	(2)	4.7	(2)	4.3	(2)	1.3	(2)	.7	(2)	.1
Watches and clocks	6.0	5.6	2.4	4.4	6.1	3.7	1.9	1.8	3.3	.7
MISCELLANEOUS MANUFACTURING INDUSTRIES	6.9	7.4	4.4	5.4	5.5	5.3	2.3	2.4	2.3	1.9
Jewelry, silverware, and plated ware	7.1	4.1	2.9	3.5	8.6	2.9	1.8	1.8	5.5	.5
Toys, amusement, and sporting goods	11.6	13.0	7.1	8.7	6.3	8.7	3.2	3.4	2.2	3.9
Toys, games, dolls, and play vehicles	15.1	15.9	8.7	10.0	6.2	9.0	3.4	3.7	1.8	3.7
Sporting and athletic goods, n.e.c.	4.6	7.4	3.9	6.3	6.6	8.0	2.7	2.9	3.2	4.1
Pens, pencils, office and art materials	4.2	4.5	3.0	3.9	4.0	2.9	1.6	1.8	1.7	.3
Costume jewelry, buttons, and notions	7.3	6.5	4.6	5.0	6.2	4.9	2.9	2.8	2.5	1.4
Other manufacturing industries	3.8	5.0	2.8	3.8	4.0	3.9	1.7	1.8	1.5	1.4
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	8.0	8.5	5.6	5.8	5.4	4.9	2.2	2.1	2.5	2.0
Meat products	6.4	7.2	3.8	4.6	5.7	5.1	2.3	2.3	2.8	2.1
Meat packing	5.0	5.8	1.9	2.6	5.0	4.2	1.0	1.0	3.6	2.6
Poultry dressing and packing	12.1	12.7	9.7	11.1	9.7	9.4	6.8	7.1	1.6	1.1
Grain mill products	4.1	5.8	2.9	4.9	3.6	3.0	1.3	1.3	1.7	1.1
Flour and other grain mill products	3.5	5.4	1.6	4.1	5.1	3.3	.9	1.3	3.2	1.6
Prepared feeds for animals and fowls	4.2	5.8	3.4	5.1	3.7	2.9	1.6	1.5	1.6	1.0
Bakery products	3.7	5.3	3.1	4.3	3.5	3.8	2.0	2.1	.7	1.0
Bread, cake, and perishable products	3.5	5.0	3.2	4.4	3.3	3.6	2.1	2.2	.5	.8
Biscuit, crackers, and pretzels	5.0	7.3	3.0	4.2	4.9	4.9	1.7	1.7	1.9	1.9
Confectionery and related products	7.7	6.6	4.6	3.9	6.1	4.9	2.2	2.2	3.3	2.0
Candy and other confectionery products	8.7	6.9	5.2	4.1	6.9	5.7	2.5	2.5	3.7	2.5
Beverages	4.9	8.1	3.5	6.1	4.3	4.1	1.9	2.0	1.7	1.4
Malt liquors	3.3	6.0	1.4	3.1	3.5	3.4	.5	.4	2.5	2.4
TOBACCO MANUFACTURES	6.2	4.4	2.4	2.5	3.3	2.7	1.1	1.1	1.8	1.0
Cigarettes	1.2	3.2	.9	1.8	.8	1.0	.3	.3	.2	.1
Cigars	4.7	5.3	2.2	3.0	4.8	3.9	2.5	2.4	1.8	.9

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

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

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965
<i>Nondurable Goods--Continued</i>										
TEXTILE MILL PRODUCTS	4.2	5.0	3.1	4.1	4.1	3.7	2.5	2.3	1.0	0.6
Cotton broad woven fabrics	3.0	4.2	2.4	3.4	3.2	3.3	2.3	2.4	.2	.2
Silk and synthetic broad woven fabrics	3.6	4.5	2.7	3.8	3.4	3.2	2.1	2.1	.6	.4
Weaving and finishing broad woolsens	4.3	5.8	3.3	4.7	4.8	4.0	2.2	2.5	1.6	.6
Narrow fabrics and smallwares	5.7	4.7	3.6	4.1	4.8	3.5	2.1	2.1	1.9	.7
Knitting	5.2	6.0	4.1	5.0	4.7	4.0	2.8	2.4	1.2	.8
Full-fashioned hosiery	5.2	5.6	4.2	4.2	3.9	4.0	3.3	2.8	.3	.8
Seamless hosiery	3.8	4.1	3.1	3.5	3.5	2.8	2.6	2.1	.5	.3
Knit underwear	3.8	5.5	2.8	4.5	3.4	2.9	2.4	2.1	.6	.2
Finishing textiles, except wool and knit	3.8	3.8	2.2	3.0	4.0	4.1	1.8	1.9	1.8	1.5
Floor covering	3.7	3.4	2.6	2.6	2.8	3.4	1.7	1.8	.6	1.0
Yarn and thread	4.7	5.8	3.8	4.8	4.9	4.5	3.3	3.1	.6	.6
Miscellaneous textile goods	4.8	4.9	3.2	3.9	5.3	3.3	2.2	1.9	2.1	.5
APPAREL AND RELATED PRODUCTS	7.0	7.0	4.0	4.3	6.9	5.3	2.8	2.4	3.2	2.2
Men's and boys' suits and coats	3.9	3.8	2.4	2.6	4.6	2.8	1.7	1.4	2.3	.8
Men's and boys' furnishings	5.5	5.9	4.3	4.8	5.6	4.4	3.6	3.1	1.2	.6
Men's and boys' shirts and nightwear	5.9	5.9	4.5	4.9	5.8	3.9	3.8	2.9	1.4	.4
Men's and boys' separate trousers	5.4	5.4	4.4	4.6	5.2	4.2	3.7	3.1	.7	.3
Work clothing	4.7	5.8	3.8	4.8	4.7	4.8	3.9	3.6	.3	.6
Women's and children's undergarments	5.7	5.7	3.9	4.5	6.5	5.2	3.3	3.0	2.5	1.5
Women's and children's underwear	6.3	6.0	4.5	4.7	6.2	5.5	3.3	3.3	2.1	1.5
Corsets and allied garments	4.6	5.2	2.8	4.2	7.2	4.5	3.2	2.3	3.2	1.5
PAPER AND ALLIED PRODUCTS	3.0	5.3	2.3	4.4	2.6	2.7	1.4	1.5	.7	.5
Paper and pulp	1.9	4.5	1.4	3.7	1.4	1.5	.7	.8	.4	.3
Paperboard	2.0	4.1	1.6	3.7	1.6	1.6	.7	.8	.4	.3
Converted paper and paperboard products	3.5	5.9	2.9	4.8	3.3	3.7	1.8	2.1	.8	.8
Bags, except textile bags	4.7	6.3	3.4	4.5	5.2	5.0	2.3	2.7	1.9	1.4
Paperboard containers and boxes	4.0	6.1	3.1	5.0	3.8	3.5	2.0	1.9	1.0	.7
Folding and setup paperboard boxes	4.6	6.0	3.5	4.9	4.0	4.0	2.0	2.2	1.2	1.0
Corrugated and solid fiber boxes	3.5	5.9	2.9	5.0	3.4	3.2	1.9	1.9	.7	.5
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	3.0	4.5	2.4	3.6	2.5	3.0	1.4	1.8	.7	.7
CHEMICALS AND ALLIED PRODUCTS	2.3	4.0	1.8	3.4	2.0	2.3	.9	.9	.6	.9
Industrial chemicals	1.7	3.2	1.3	2.6	1.2	1.2	.6	.6	.2	.2
Plastics and synthetics, except glass	2.0	3.9	1.6	3.5	1.4	1.4	.8	.8	.2	.2
Plastics and synthetics, except fibers	2.0	4.5	1.7	4.1	1.6	1.5	.9	.8	.2	.3
Synthetic fibers	2.0	3.5	1.5	3.0	1.3	1.3	.7	.7	.2	.2
Drugs	2.2	4.2	2.0	3.8	1.6	1.6	1.0	1.0	.2	.2
Pharmaceutical preparations	2.2	4.5	2.0	4.0	1.8	1.7	1.1	1.1	.3	.2
Soap, cleaners, and toilet goods	3.8	5.1	2.7	4.0	3.4	3.2	1.5	1.3	1.2	1.1
Soap and detergents	4.0	4.2	1.6	2.9	2.6	1.9	.7	.6	1.5	.8
Toilet preparations	5.2	7.0	4.2	5.5	5.0	4.9	2.2	2.0	1.6	1.6
Paints, varnishes, and allied products	2.3	5.1	2.1	4.5	2.0	2.0	1.1	1.2	.1	.1
Other chemical products	3.1	4.3	1.9	3.3	2.3	2.4	1.1	1.0	.9	1.0
PETROLEUM REFINING AND RELATED INDUSTRIES	1.9	3.6	1.6	3.0	1.6	1.6	.6	.6	.5	.5
Petroleum refining	1.6	2.9	1.4	2.5	1.1	1.3	.4	.4	.3	.4
Other petroleum and coal products	2.9	6.6	2.7	5.5	3.7	2.8	1.5	1.4	1.3	.6
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	4.5	5.6	3.0	4.5	4.8	3.8	2.0	1.9	2.0	1.1
Tires and inner tubes	1.8	3.3	1.1	2.5	1.4	1.3	.5	.5	.4	.2
Other rubber products	3.8	4.5	2.4	3.3	4.7	3.1	1.7	1.6	2.2	.8
Miscellaneous plastic products	6.6	7.9	4.8	6.7	7.0	5.9	3.1	2.9	2.7	1.8

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

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965	July 1965	June 1965
<i>Nondurable Goods--Continued</i>										
LEATHER AND LEATHER PRODUCTS	6.6	6.3	4.3	4.8	6.4	4.5	3.2	2.8	2.3	0.9
Leather tanning and finishing	4.0	4.6	2.3	3.7	5.0	3.6	2.3	1.6	2.1	1.4
Footwear, except rubber	6.2	5.6	4.0	4.4	6.2	4.1	3.4	2.9	1.8	.6
NONMANUFACTURING										
METAL MINING	2.7	5.7	2.4	4.9	3.8	2.8	1.6	1.5	1.6	.5
Iron ores	1.7	4.9	1.3	4.4	2.0	2.4	.5	.6	1.0	1.4
Copper ores	1.5	5.0	1.3	3.4	4.4	1.9	.9	1.1	3.1	.1
COAL MINING	2.1	2.1	.9	1.0	1.6	1.6	.4	.5	.7	.6
Bituminous	1.5	1.9	.8	1.1	1.4	1.6	.5	.5	.5	.6
COMMUNICATIONS:										
Telephone communication	(2)	3.9	-	-	(2)	1.6	(2)	1.1	(2)	.1
Telegraph communication ³	(2)	3.2	-	-	(2)	2.6	(2)	1.0	(2)	.4

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	4.1	4.1
1965.....	4.0	4.1	4.3	3.9	4.0	4.5	4.0					
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	2.8	2.9
1965.....	2.9	3.1	3.3	2.8	2.8	3.1	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	3.6	3.8
1965.....	3.6	3.6	3.8	4.1	3.9	4.0	3.7					
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	1.6
1965.....	1.6	1.7	1.8	1.9	1.7	1.7	1.7					
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	1.6
1965.....	1.4	1.3	1.3	1.5	1.4	1.4	1.3					

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	
June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	
ALABAMA ¹	4.6	4.6	3.7	3.4	2.9	3.2	1.5	1.8	0.8	0.9
Birmingham.....	3.2	3.7	2.6	2.4	2.1	2.3	.9	1.1	.6	.6
Mobile ¹	7.7	7.0	5.6	4.0	4.8	4.3	1.8	1.6	2.3	2.1
ALASKA.....	44.3	44.1	40.2	35.0	11.8	14.2	6.3	7.5	4.0	5.2
ARIZONA.....	5.4	5.2	4.5	4.1	3.6	4.1	2.0	2.1	1.0	1.2
Phoenix.....	5.2	5.3	4.4	4.1	3.3	4.0	1.8	2.0	.9	1.2
ARKANSAS.....	7.0	6.5	5.5	5.3	4.8	5.6	3.2	3.4	.7	1.3
Fort Smith.....	7.5	6.5	5.1	5.1	5.2	6.7	4.1	4.3	.4	1.8
Little Rock-North Little Rock.....	4.6	6.2	4.2	5.2	3.6	5.7	2.6	3.6	.4	1.3
Pine Bluff.....	5.1	4.6	4.4	3.6	4.9	3.9	3.5	2.6	.7	.6
CALIFORNIA ¹	5.7	4.4	4.5	3.3	4.2	4.3	1.9	1.7	1.4	1.7
Anaheim-Santa Ana-Garden Grove ¹	4.4	3.6	3.6	2.8	3.3	3.6	1.8	1.7	.7	1.1
Los Angeles-Long Beach ¹	5.8	4.5	4.6	3.5	4.4	4.5	2.0	1.8	1.4	1.7
Sacramento ¹	4.1	3.4	2.5	2.0	5.9	5.7	1.8	1.5	3.8	3.8
San Bernardino-Riverside-Ontario ¹	5.5	3.9	4.5	3.0	3.2	3.2	1.8	1.4	.6	1.0
San Diego ¹	4.1	4.0	3.1	3.0	2.9	2.7	1.4	1.1	.8	1.0
San Francisco-Oakland ¹	6.6	4.7	4.4	3.0	4.6	4.5	1.4	1.4	2.4	2.3
San Jose ¹	4.5	3.0	3.6	2.3	2.5	2.3	1.5	1.2	.4	.5
Stockton ¹	6.1	4.1	4.5	3.7	6.9	4.4	2.1	1.8	4.1	1.5
COLORADO.....	7.9	4.7	6.0	3.4	4.0	3.7	1.8	1.7	1.5	1.3
CONNECTICUT.....	4.5	2.9	3.6	2.2	2.6	2.5	1.5	1.5	.5	.5
Bridgeport.....	3.6	2.4	2.8	1.7	2.0	2.0	1.2	1.1	.3	.4
Hartford.....	4.0	2.4	3.5	2.0	2.1	2.0	1.3	1.3	.2	.2
New Britain.....	3.8	2.7	3.2	2.3	2.6	2.4	1.4	1.3	.5	.5
New Haven.....	4.8	3.6	4.0	2.6	3.4	3.1	1.9	2.0	.6	.2
Stamford.....	3.9	2.8	3.4	2.5	2.5	2.2	1.5	1.3	.4	.3
Waterbury.....	4.1	2.4	3.0	1.4	2.5	2.1	1.5	1.4	.6	.4
DELAWARE ¹	5.0	2.9	3.9	2.2	2.2	2.3	1.1	1.2	.4	.4
Wilmington ¹	4.9	2.7	3.6	1.8	2.1	2.1	1.1	1.0	.4	.4
DISTRICT OF COLUMBIA: Washington SMSA.....	3.0	2.8	2.5	2.7	2.5	2.6	1.7	1.8	.1	.2
FLORIDA.....	5.7	5.6	4.7	4.5	5.7	7.6	2.6	3.1	2.3	3.7
Jacksonville.....	6.7	7.3	5.3	4.7	5.0	5.3	2.8	2.8	1.5	1.5
Miami.....	4.2	5.1	3.7	4.6	4.9	5.5	2.4	2.8	1.7	1.9
Tampa-St. Petersburg.....	5.4	6.1	3.8	4.7	6.4	8.5	2.8	3.1	2.2	4.1
GEORGIA.....	5.5	4.4	4.4	3.4	4.2	4.2	2.4	2.5	.9	.9
Atlanta ²	5.2	4.5	4.2	3.9	4.0	4.1	2.0	2.6	1.1	.6
HAWAII ³	4.6	2.7	3.5	2.2	2.6	2.3	1.3	1.2	.3	.2
IDAHO ⁴	10.5	10.5	7.9	5.6	4.7	4.2	2.4	2.8	1.4	.6
ILLINOIS: Chicago.....	6.0	4.2	5.1	3.6	3.7	3.7	2.1	2.1	.6	.6
INDIANA ¹	5.0	3.9	4.2	2.9	3.2	2.9	1.5	1.6	1.0	.6
Indianapolis ⁵	4.8	4.1	3.9	3.5	3.0	3.1	1.5	1.9	.8	.6
IOWA.....	5.6	3.8	4.0	2.5	2.8	3.6	1.5	1.6	.7	1.3
Cedar Rapids.....	5.2	4.1	3.5	2.3	3.4	4.0	1.4	1.6	1.6	1.9
Des Moines.....	5.8	3.4	4.5	2.6	3.4	3.2	2.4	1.6	1.3	.9
KANSAS.....	5.2	4.0	4.0	3.2	3.7	3.6	1.7	1.9	1.3	1.0
Topeka.....	5.2	3.4	4.1	2.5	4.4	3.9	1.6	1.5	2.1	1.7
Wichita.....	3.7	3.0	2.8	2.5	2.5	2.7	1.3	1.6	.5	.5
KENTUCKY.....	4.2	4.0	3.1	2.3	2.8	3.1	1.3	1.4	.9	1.2
Louisville.....	4.3	2.9	3.3	2.0	2.5	2.6	1.1	1.0	.7	1.0
LOUISIANA.....	4.8	5.3	3.1	3.3	4.0	3.8	1.4	1.3	1.8	1.9
New Orleans ⁶	5.3	6.2	3.0	3.5	4.8	4.6	1.4	1.6	2.3	2.4

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	
	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965
MAINE.....	10.4	7.8	6.8	5.0	4.6	5.3	2.8	3.2	0.8	1.4
Portland.....	8.2	3.8	7.2	3.3	3.0	3.9	1.8	2.5	.7	.8
MARYLAND.....	5.6	3.2	4.1	2.2	3.4	3.7	1.6	1.6	1.2	1.6
Baltimore.....	5.1	3.1	3.7	2.1	3.1	3.5	1.4	1.4	1.1	1.5
MASSACHUSETTS.....	5.6	3.9	4.4	2.8	3.3	3.5	1.8	1.8	.8	1.0
Boston.....	5.1	3.7	3.9	2.6	3.0	3.4	1.6	1.6	.7	1.1
Fall River.....	5.0	4.9	3.8	3.4	4.2	3.8	1.8	1.9	1.7	1.0
New Bedford.....	7.2	4.3	5.8	2.8	3.8	3.9	2.1	2.0	1.0	.9
Springfield-Chicopee-Holyoke.....	6.2	4.2	4.8	3.2	3.5	3.4	1.9	1.6	.7	.9
Worcester.....	5.7	3.5	4.7	2.4	3.6	2.6	2.1	1.6	.9	.4
MICHIGAN.....	5.2	3.8	3.7	2.4	3.4	3.0	1.2	1.1	1.4	1.1
Detroit.....	5.0	3.5	3.7	2.5	3.3	2.8	1.2	1.1	1.2	1.0
Grand Rapids.....	6.1	4.2	4.0	2.2	4.9	3.2	1.5	1.4	2.4	1.1
Lansing.....	4.3	2.8	2.9	1.6	4.3	2.6	1.1	.8	1.8	1.2
Muskegon-Muskegon Heights.....	5.5	4.7	3.7	3.3	3.0	3.5	2.0	2.0	.4	.5
Saginaw.....	6.2	4.6	3.7	2.8	3.8	3.8	.8	.8	2.3	2.3
MINNESOTA.....	7.2	4.6	5.2	2.7	3.5	3.5	1.6	1.6	1.1	1.2
Duluth-Superior.....	6.8	5.0	5.4	3.9	3.2	4.8	1.9	2.2	.5	1.8
Minneapolis-St. Paul.....	6.4	4.5	4.2	2.5	3.7	3.6	1.6	1.6	1.1	1.3
MISSISSIPPI.....	5.4	5.9	4.4	4.9	4.2	4.5	2.4	2.7	1.0	1.0
Jackson.....	4.6	5.6	4.4	5.2	3.4	4.4	2.4	2.7	.2	1.1
MISSOURI.....	4.8	3.7	3.5	2.8	3.1	3.3	1.7	1.7	.8	1.0
Kansas City.....	5.2	3.4	3.7	2.7	3.7	3.7	1.7	1.6	1.4	1.4
St. Louis.....	4.5	3.3	3.3	2.3	2.6	2.8	1.3	1.3	.7	.8
MONTANA ⁴	8.7	5.0	7.8	4.3	4.8	4.1	2.6	2.4	.8	.9
NEBRASKA.....	6.5	5.5	4.8	4.0	3.6	4.1	2.0	2.4	.9	1.0
NEVADA.....	8.2	8.1	7.3	7.3	7.6	6.2	3.6	2.5	2.4	1.7
NEW HAMPSHIRE.....	6.2	4.4	5.1	3.4	3.9	3.7	2.5	2.6	.5	.5
NEW JERSEY:										
Paterson-Clifton-Passaic.....	5.9	3.5	3.7	2.5	3.1	2.9	1.4	1.3	.9	.9
Perth Amboy.....	5.1	3.0	4.0	2.2	2.5	2.4	1.0	1.0	.7	.7
Trenton.....	3.5	2.5	2.4	1.6	3.1	2.6	1.0	1.0	1.4	1.0
NEW MEXICO.....	4.8	4.7	3.9	3.2	4.4	4.2	1.9	1.8	1.5	1.6
Albuquerque.....	4.0	3.4	3.1	2.4	4.1	3.8	1.6	1.7	1.7	1.3
NEW YORK.....	5.6	4.1	3.7	2.5	4.1	3.9	1.4	1.3	1.9	1.9
Albany-Schenectady-Troy.....	4.2	3.2	3.1	2.2	2.4	2.4	1.0	.9	.5	.6
Binghamton.....	3.5	2.3	2.7	1.6	2.4	2.0	1.6	1.5	.1	.1
Buffalo.....	4.2	2.9	3.1	1.8	2.7	2.2	1.0	.8	1.1	.9
Elmira.....	4.2	2.7	3.5	1.6	2.7	2.2	1.4	1.2	.4	.6
Nassau and Suffolk Counties ⁷	5.3	3.6	3.9	2.9	4.3	3.7	1.6	1.6	2.0	1.6
New York SMSA.....	5.8	4.3	3.6	2.8	5.0	4.6	1.4	1.3	2.7	2.5
New York City ⁷	6.0	4.9	3.6	2.9	5.4	5.3	1.3	1.2	3.1	3.2
Rochester.....	5.1	2.5	4.3	1.9	2.3	2.2	1.2	1.2	.6	.6
Syracuse.....	6.2	3.0	3.7	1.7	3.2	2.1	1.4	1.1	1.3	.5
Utica-Rome.....	4.7	3.5	2.9	2.2	3.3	3.1	1.1	1.1	1.4	1.4
Westchester County ⁷	6.4	3.8	4.1	2.4	4.3	3.7	1.4	1.3	2.1	1.7
NORTH CAROLINA.....	5.0	4.3	4.3	3.5	3.5	3.8	2.4	2.7	.5	.5
Charlotte.....	5.0	4.4	4.6	3.8	3.8	4.6	2.5	3.1	.3	.7
Greensboro-High Point.....	5.6	4.5	4.9	3.9	3.4	3.9	2.4	2.9	.3	.2
NORTH DAKOTA.....	7.8	6.6	5.8	2.6	4.6	3.7	1.7	1.6	2.1	1.7
Fargo-Moorhead.....	5.7	7.2	4.1	3.2	2.7	2.7	1.8	1.7	.6	.6

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965
OHIO.....	4.5	3.1	3.5	2.2	2.8	2.5	1.1	1.1	1.0	0.8
Akron.....	3.5	2.2	3.0	1.3	2.3	2.0	1.2	.9	.5	.6
Canton.....	5.4	3.4	4.2	2.4	2.8	3.1	1.3	1.2	.3	.8
Cincinnati.....	4.1	3.2	3.1	2.0	2.5	2.5	1.1	1.1	.8	.8
Cleveland.....	4.7	3.2	3.9	2.4	2.7	2.5	1.3	1.3	.7	.6
Columbus.....	3.7	2.7	2.6	1.8	2.9	2.9	1.3	1.2	1.0	1.2
Dayton.....	3.5	2.6	2.7	1.9	2.0	1.9	.9	.8	.6	.6
Toledo.....	4.8	2.9	3.3	1.7	3.8	2.8	.9	1.1	2.0	1.0
Youngstown-Warren.....	4.8	3.0	3.3	1.9	3.1	2.5	.8	.9	1.6	1.1
OKLAHOMA ⁸	6.4	4.5	5.2	3.8	3.2	4.4	2.0	2.1	.6	1.7
Oklahoma City.....	7.2	6.2	6.2	4.8	3.7	4.9	2.1	2.5	.9	1.7
Tulsa ⁸	8.0	4.9	5.9	4.2	3.3	3.3	2.4	2.2	.2	.5
OREGON ¹	8.7	6.0	7.8	5.3	5.7	4.7	3.1	2.9	1.6	1.0
Portland ¹	7.2	4.9	6.2	4.2	5.2	4.3	2.3	2.1	2.0	1.5
PENNSYLVANIA.....	4.7	3.1	3.5	2.1	2.6	2.6	1.2	1.2	.9	.9
Allentown-Bethlehem-Easton.....	4.2	3.1	3.4	2.3	2.8	2.8	1.4	1.4	.9	.9
Altoona.....	6.0	4.2	4.7	3.6	2.8	2.9	2.0	1.5	.4	1.0
Erie.....	5.3	3.3	3.6	2.2	2.6	2.4	1.2	1.1	.6	.7
Harrisburg.....	4.3	2.5	2.9	1.5	2.0	2.3	1.0	1.0	.5	.7
Johnstown.....	3.5	3.1	3.0	2.4	2.5	1.9	1.2	.9	.4	.6
Lancaster.....	4.5	2.8	3.9	2.4	2.3	2.2	1.5	1.6	.3	.2
Philadelphia.....	4.5	3.0	3.3	2.0	2.8	2.8	1.1	1.1	1.1	1.1
Pittsburgh.....	3.9	2.5	2.8	1.4	1.6	1.9	.5	.5	.6	.7
Reading.....	4.6	3.4	3.8	2.2	3.4	2.7	1.6	1.5	1.1	.8
Scranton.....	5.6	4.0	3.8	2.0	3.0	3.1	1.5	1.5	.9	1.1
Wilkes-Barre-Hazleton.....	4.6	4.2	3.7	2.9	3.0	3.4	1.2	1.5	1.2	1.2
York.....	7.0	4.2	5.9	3.3	3.1	3.3	2.4	2.2	.3	.5
RHODE ISLAND.....	6.1	4.8	5.0	3.7	3.9	4.8	2.4	2.7	.7	1.3
Providence-Pawtucket-Warwick.....	6.0	4.9	4.9	3.5	3.7	4.5	2.3	2.6	.6	1.2
SOUTH CAROLINA ⁹	5.0	4.8	4.3	4.1	3.8	4.2	2.6	3.0	.4	.5
Charleston.....	5.7	4.3	5.0	3.7	4.6	6.5	2.4	2.5	1.2	3.0
SOUTH DAKOTA.....	7.1	6.2	4.9	3.8	3.9	5.2	1.8	2.5	2.0	2.4
Sioux Falls.....	6.0	5.9	2.0	1.8	4.2	5.8	.8	1.3	3.3	4.3
TENNESSEE ⁹	4.4	4.1	3.5	3.1	2.8	3.0	1.6	1.7	.6	.7
Chattanooga ⁶	5.0	4.9	4.2	3.0	3.1	3.0	1.6	1.9	.5	.3
Knoxville.....	2.5	2.3	2.1	1.6	1.3	1.4	.7	.7	.3	.3
Memphis.....	5.4	4.8	4.5	3.9	3.9	4.1	1.9	1.8	1.1	1.2
Nashville.....	3.9	3.3	3.2	2.8	2.3	2.9	1.7	2.1	.2	.5
TEXAS ¹⁰	4.8	4.0	3.9	3.3	3.2	3.3	1.9	2.0	.7	.7
Dallas ¹⁰	5.2	4.3	4.7	3.8	3.7	3.4	2.3	2.2	.8	.4
Fort Worth ¹⁰	4.7	4.1	3.1	2.9	4.0	3.4	2.1	2.0	1.6	1.0
Houston ¹⁰	4.3	3.3	3.8	2.9	2.6	2.8	1.8	1.8	.3	.4
San Antonio ¹⁰	3.2	3.0	2.9	2.6	2.3	2.9	1.2	1.7	.6	.4
UTAH ⁴	5.1	3.2	3.3	2.2	3.7	3.6	1.5	1.4	1.6	1.7
Salt Lake City ⁴	4.9	2.9	3.7	2.2	3.3	3.0	1.7	1.4	1.1	1.1
VERMONT.....	5.8	4.8	4.6	3.5	3.2	3.0	2.1	2.1	.5	.4
Burlington.....	9.8	8.6	7.9	6.1	2.1	2.0	1.7	1.5	.1	.2
Springfield.....	4.7	2.2	3.8	2.0	1.9	1.8	1.2	1.0	.3	.4
VIRGINIA.....	4.7	3.5	3.8	2.8	3.3	3.6	2.0	2.0	.7	.9
Norfolk-Portsmouth.....	5.3	3.3	4.1	2.7	4.1	6.6	1.6	2.3	1.9	3.3
Richmond.....	4.1	3.2	3.7	2.7	2.9	3.5	1.7	1.8	.3	.9
Roanoke.....	4.8	3.5	4.4	2.9	3.0	2.9	1.8	1.9	.4	.2

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965	June 1965	May 1965
WASHINGTON ¹¹	6.7	4.8	5.5	3.6	3.8	3.4	2.2	1.9	0.9	0.9
Seattle-Everett ¹¹	5.7	4.4	4.7	3.2	3.7	3.1	2.0	1.6	1.0	1.0
Spokane ¹¹	6.6	4.9	5.3	3.3	3.8	3.3	1.4	1.3	1.8	1.6
Tacoma ¹¹	8.2	4.7	6.3	3.7	4.4	3.7	2.1	2.1	1.5	.8
WEST VIRGINIA.....	3.8	2.7	2.6	1.6	2.3	2.2	.9	.9	.9	.7
Charleston.....	2.7	1.6	2.2	.8	2.1	3.2	.6	.6	1.3	1.5
Huntington-Ashland.....	3.8	2.3	2.6	1.4	2.1	1.3	.8	.8	1.0	.2
Wheeling.....	4.6	3.6	2.5	1.6	2.9	3.1	.7	.7	1.3	1.7
WISCONSIN.....	6.7	3.5	5.2	2.5	3.0	3.4	1.7	1.7	.6	.9
Green Bay.....	7.9	2.6	5.0	2.0	1.8	1.6	1.1	.8	.4	.6
Kenosha.....	3.3	2.4	1.1	.7	2.5	2.7	.6	.8	1.6	1.5
La Crosse.....	9.1	5.3	7.6	3.4	4.6	4.8	1.9	1.9	1.6	1.6
Madison.....	6.7	3.9	4.0	2.6	4.1	6.1	2.1	2.5	1.3	2.9
Milwaukee.....	5.5	3.2	4.4	2.5	2.9	3.0	1.6	1.5	.4	.5
Racine.....	5.9	4.4	5.0	3.2	3.6	4.0	2.1	2.2	.5	.8
WYOMING ⁴	10.0	4.0	8.6	2.9	8.6	6.0	2.8	2.1	1.3	1.7

¹Excludes canning and preserving.

²Excludes agricultural chemicals and miscellaneous manufacturing.

³Excludes canned fruits, vegetables, preserves, jams, and jellies.

⁴Excludes canning and preserving, and sugar.

⁵Excludes canning and preserving, and newspapers.

⁶Excludes printing and publishing.

⁷Subarea of New York Standard Metropolitan Statistical Area.

⁸Excludes new-hire rate for transportation equipment.

⁹Excludes tobacco stemming and redrying.

¹⁰Excludes canning and preserving, sugar, and tobacco.

¹¹Excludes canning and preserving, printing and publishing.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

Technical Note

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.

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

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.

tions 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

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

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

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

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

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

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

Table D. Standard error of percentages

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

Establishment Data

COLLECTION

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

Federal-State Cooperation

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

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

Shuttle Schedules

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

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

CONCEPTS

Industrial Classification

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

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

Industry Employment

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

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

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

Industry Hours and Earnings

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

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

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

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

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

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

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

Gross Average Hourly and Weekly Earnings

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

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

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

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

Average Weekly Hours

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

Average Overtime Hours

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

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

Railroad Hours and Earnings

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

Spendable Average Weekly Earnings

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

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

Average Hourly Earnings Excluding Overtime

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

Indexes of Aggregate Weekly Payrolls and Man-Hours

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

Labor Turnover

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

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

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

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

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

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

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

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

Comparability With Employment Series

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

ESTIMATING METHODS

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

The "Link Relative" Technique

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

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

Benchmark Adjustments

Employment estimates are periodically compared with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1963 levels; normally, benchmark adjustments are made annually.

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

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

Data for all months between the previous benchmark and the month in which the adjusted series is published are therefore subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics. The current volume in this series is *Employment and Earnings Statistics for the United States, 1909-64*, Bulletin 1312-2 (Dec. 1964), and contains monthly statistics from the earliest date of availability through August 1964.

THE SAMPLE

Design

The sample design used in the BLS establishment employment and labor turnover statistics programs is that of a modified cutoff sample. In a cutoff design, all establishments in a category are listed in sequence by number of employees. A cutoff point is selected in terms of the number of employees in an establishment, and only establishments above the cutoff point are included in the design. At present, sample selection is made by the co-operating 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. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages. Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

Users of State and area employment, hours, and earnings statistics may be interested in *Employment and Earnings Statistics for States and Areas, 1939-64*, BLS Bulletin 1370-2. For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented from the earliest date of availability of each series through 1964.

Seasonal Adjustment

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

The seasonal adjustment method used for these series is an adaptation of the standard ratio-to-moving average method, with a provision for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description and illustration of the basic method was published in the August 1960 *Monthly Labor Review*, and a revised version is described in the 1962 Report of the President's Committee to Appraise Employment and Unemployment Statistics, *Measuring Employment and Unemployment*, Appendix G, "The Bureau of Labor Statistics Seasonal Factor Method."

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

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

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Post Office Department in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Post Office Department. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based. Factors currently in use for the establishment data are shown in the December 1964 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

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

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1964 are published in the February 1965 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

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

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