



EMPLOYMENT and EARNINGS

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UNITED STATES DEPARTMENT OF LABOR
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1964 Annual Averages

Final 1964 annual averages for establishment-based data are shown in all tables containing National series in Sections B, C, and D.

New Series

Employment (table B-8) and hours and earnings (table C-8) for Atlantic City, New Jersey.

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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						Percent of labor force	
		Number	Percent of population	Total	Employed ¹		Unemployed ¹				
					Total	Agriculture	Nonagricultural industries	Number	Not 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.....	101,530	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 ²	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.....	127,892	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: February.....	133,358	75,259	56.4	72,527	68,002	3,931	64,071	4,524	6.2	5.4	58,099
March.....	133,519	75,553	56.6	72,810	68,517	4,017	64,500	4,293	5.9	5.4	57,965
April.....	133,678	76,544	57.3	73,799	69,877	4,429	65,448	3,921	5.3	5.4	57,135
May.....	133,866	77,490	57.9	74,742	71,101	5,007	66,094	3,640	4.9	5.2	56,376
June.....	134,041	79,389	59.2	76,645	71,953	5,853	66,100	4,692	6.1	5.3	54,652
July.....	134,216	78,958	58.8	76,218	72,405	5,819	66,586	3,813	5.0	5.0	55,258
August.....	134,400	78,509	58.4	75,758	72,104	5,400	66,704	3,654	4.8	5.1	55,891
September.....	134,586	76,865	57.1	74,122	70,805	5,230	65,575	3,317	4.5	5.1	57,721
October.....	134,772	77,112	57.2	74,375	71,123	5,126	65,997	3,252	4.4	5.2	57,661
November.....	134,952	76,897	57.0	74,166	70,793	4,545	66,248	3,373	4.5	4.9	58,055
December.....	135,135	76,567	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

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

²Not available.

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

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

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

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

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	Percent of labor force			
									Not seasonally adjusted			Seasonally adjusted
MALE												
1940.....	50,080	42,020	83.9	41,480	35,550	8,450	27,100	5,930	14.3	-	8,060	
1944.....	51,980	46,670	89.8	45,460	35,110	7,020	28,090	350	1.0	-	5,310	
1947.....	53,085	44,844	84.5	43,272	41,677	6,953	34,725	1,595	3.7	-	8,242	
1948.....	53,513	45,300	84.7	43,858	42,268	6,623	35,645	1,590	3.6	-	8,213	
1949.....	54,028	45,674	84.5	44,075	41,473	6,629	34,844	2,602	5.9	-	8,354	
1950.....	54,526	46,069	84.5	44,442	42,162	6,271	35,891	2,280	5.1	-	8,457	
1951.....	54,996	46,674	84.9	43,612	42,362	5,791	36,571	1,250	2.9	-	8,322	
1952.....	55,503	47,001	84.7	43,454	42,237	5,623	36,614	1,217	2.8	-	8,502	
1953 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	47,330	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: February.....	64,709	49,956	77.2	47,255	44,429	3,400	41,029	2,826	6.0	4.8	14,753	
March.....	64,781	50,123	77.4	47,411	44,730	3,432	41,299	2,681	5.7	4.8	14,658	
April.....	64,851	50,665	78.1	47,951	45,607	3,716	41,891	2,345	4.9	4.8	14,186	
May.....	64,938	51,294	79.0	48,577	46,510	4,014	42,496	2,067	4.3	4.6	13,644	
June.....	65,018	52,813	81.2	50,100	47,470	4,610	42,860	2,630	5.2	4.8	12,205	
July.....	65,097	53,057	81.5	50,347	48,164	4,593	43,571	2,183	4.3	4.5	12,041	
August.....	65,180	52,584	80.7	49,864	47,791	4,348	43,443	2,074	4.2	4.6	12,596	
September.....	65,266	51,083	78.3	49,370	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	4.7	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	4.4	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	47,856	45,307	3,296	42,011	2,558	5.3	4.3	15,126	
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: February.....	68,649	25,302	36.9	25,271	23,573	531	23,042	1,698	6.7	6.5	43,346	
March.....	68,738	25,430	37.0	25,399	23,786	585	23,201	1,613	6.4	6.5	43,308	
April.....	68,827	25,878	37.6	25,847	24,271	713	23,557	1,577	6.1	6.5	42,949	
May.....	68,928	26,196	38.0	26,165	24,591	993	23,598	1,574	6.0	6.2	42,732	
June.....	69,024	26,576	38.5	26,545	24,483	1,243	23,240	2,062	7.8	6.2	42,448	
July.....	69,119	25,901	37.5	25,871	24,241	1,226	23,015	1,630	6.3	5.8	43,218	
August.....	69,220	25,925	37.5	25,894	24,313	1,052	23,261	1,581	6.1	6.0	43,295	
September.....	69,320	25,782	37.2	25,752	24,248	1,149	23,099	1,503	5.8	6.0	43,538	
October.....	69,421	26,194	37.7	26,164	24,674	1,100	23,574	1,489	5.7	6.3	43,227	
November.....	69,520	26,188	37.7	26,158	24,641	879	23,762	1,517	5.8	5.9	43,332	
December.....	69,619	26,086	37.5	26,056	24,730	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	

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

HOUSEHOLD DATA

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

(In thousands)

Employment status	Total			Male			Female		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
Total	135,469	135,302	133,358	65,664	65,590	64,709	69,805	69,712	68,649
Total labor force	76,418	75,699	75,259	50,538	50,212	49,956	25,880	25,487	25,302
Civilian labor force	73,714	72,992	72,527	47,866	47,537	47,255	25,848	25,455	25,271
Employed	69,496	68,996	68,002	45,307	45,056	44,429	24,189	23,940	23,573
Agriculture	3,803	3,739	3,931	3,296	3,246	3,400	506	492	531
Nonagricultural industries	65,694	65,257	64,071	42,011	41,810	41,029	23,682	23,447	23,042
Unemployed	4,218	3,996	4,524	2,558	2,481	2,826	1,659	1,515	1,698
Looking for full-time work	3,557	3,385	3,839	2,234	2,187	2,438	1,323	1,198	1,401
Looking for part-time work	662	611	685	325	294	388	337	317	297
Not in labor force	59,051	59,603	58,099	15,126	15,377	14,753	43,925	44,225	43,346

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

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
Total	4,218	3,996	4,524	5.7	5.5	6.2	100.0	100.0	100.0
Male	2,558	2,481	2,826	5.3	5.2	6.0	60.7	62.1	62.5
14 to 19 years	450	448	478	14.1	14.6	15.5	10.7	11.2	10.6
14 and 15 years	31	34	52	6.5	7.0	9.8	.7	.9	1.2
16 to 19 years	419	415	425	15.4	16.0	16.7	9.9	10.4	9.4
20 to 24 years	424	431	500	8.8	9.0	11.1	10.1	10.8	11.1
25 to 34 years	464	440	489	4.7	4.5	5.0	11.0	11.0	10.8
35 to 44 years	437	421	475	3.9	3.8	4.3	10.4	10.5	10.5
45 to 54 years	396	375	413	4.0	3.8	4.2	9.4	9.4	9.1
55 to 64 years	290	294	350	4.4	4.4	5.3	6.9	7.4	7.7
65 years and over	97	72	120	4.6	3.6	5.8	2.3	1.8	2.7
Female	1,659	1,515	1,698	6.4	6.0	6.7	39.3	37.9	37.5
14 to 19 years	353	360	299	14.8	15.3	12.6	8.4	9.0	6.6
14 and 15 years	14	21	10	3.8	6.4	3.1	.3	.5	.2
16 to 19 years	339	340	288	16.9	16.9	14.2	8.0	8.5	6.4
20 to 24 years	272	247	293	8.3	7.8	9.4	6.5	6.2	6.5
25 to 34 years	318	285	306	7.3	6.7	7.3	7.5	7.1	6.8
35 to 44 years	323	293	342	5.7	5.3	6.2	7.7	7.3	7.6
45 to 54 years	207	204	251	3.7	3.6	4.4	4.9	5.1	5.6
55 to 64 years	161	103	163	4.5	2.9	4.8	3.8	2.6	3.6
65 years and over	25	22	44	2.6	2.4	4.5	.6	.6	1.0

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

Industry	Unemployment rate			Percent distribution		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
Total	5.7	5.5	6.2	100.0	100.0	100.0
Experienced wage and salary workers	5.7	5.4	6.4	86.4	85.9	87.7
Agriculture	13.0	11.7	14.9	3.9	3.6	4.6
Nonagricultural industries	5.6	5.3	6.2	82.5	82.2	83.2
Mining, forestry, fisheries	7.4	9.3	8.4	1.2	1.5	1.2
Construction	16.7	15.8	17.0	15.6	15.6	14.4
Manufacturing	5.1	4.8	6.0	23.6	23.1	25.2
Durable goods	4.6	4.5	5.8	12.1	12.3	13.7
Nondurable goods	5.8	5.2	6.3	11.5	10.8	11.6
Transportation and public utilities	4.2	3.9	4.9	4.6	4.5	5.1
Wholesale and retail trade	6.5	6.3	7.2	17.9	18.1	17.5
Finance, insurance, and real estate	2.2	3.3	3.6	1.6	2.5	2.4
Service industries	4.5	4.0	4.4	16.2	15.1	14.8
Public administration	2.2	1.9	2.9	2.0	1.8	2.4
Self-employed and unpaid family workers	1.3	1.2	1.8	3.1	2.9	3.9
No previous work experience	-	-	-	10.5	11.3	8.4
14 to 19 years	-	-	-	8.0	8.8	5.9
20 years and over	-	-	-	2.6	2.5	2.4

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

Occupation	Unemployment rate			Percent distribution		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
Total	5.7	5.5	6.2	100.0	100.0	100.0
White-collar workers	2.8	2.6	3.0	21.4	21.2	20.9
Professional and technical	1.6	1.7	1.7	3.5	4.0	3.2
Managers, officials, and proprietors	1.2	1.2	1.7	2.2	2.2	2.9
Clerical workers	4.0	3.6	4.5	10.8	10.1	11.0
Sales workers	4.5	4.1	3.9	4.9	4.9	3.8
Blue-collar workers	7.5	7.4	8.9	48.5	49.9	52.1
Craftsmen and foremen	5.8	5.7	6.5	12.8	13.2	13.0
Operatives	6.8	6.9	8.5	22.3	23.9	25.7
Nonfarm laborers	14.2	13.1	15.9	13.4	12.9	13.4
Service workers	6.8	6.0	6.8	15.7	14.3	14.5
Private household workers	5.6	3.7	4.9	3.1	2.1	2.7
Other service workers	7.2	6.7	7.4	12.6	12.2	11.8
Farm workers	4.4	3.7	4.8	3.9	3.3	4.0
Farmers and farm managers	1.0	.6	.6	.5	.3	.3
Farm laborers and foremen	9.3	8.0	10.4	3.4	3.0	3.8
No previous work experience	-	-	-	10.5	11.3	8.4

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

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
COLOR									
Total	4,218	3,996	4,524	5.7	5.5	6.2	100.0	100.0	100.0
White, total	3,361	3,144	3,629	5.1	4.8	5.6	79.7	78.7	80.2
Male	2,066	1,965	2,299	4.8	4.6	5.4	49.0	49.2	50.8
Female	1,295	1,178	1,331	5.7	5.3	6.0	30.7	29.5	29.4
Nonwhite, total	857	852	895	10.6	10.6	11.2	20.3	21.3	19.8
Male	492	516	527	10.3	10.7	11.1	11.7	12.9	11.6
Female	364	337	368	11.1	10.3	11.4	8.6	8.4	8.1
MARITAL STATUS									
Total	4,218	3,996	4,524	5.7	5.5	6.2	100.0	100.0	100.0
Male	2,558	2,481	2,826	5.3	5.2	6.0	60.7	62.1	62.5
Married, wife present	1,338	1,350	1,509	3.6	3.6	4.1	31.7	33.8	33.4
Single	968	943	1,050	12.1	12.0	13.3	23.0	23.6	23.2
14 to 19 years	426	422	462	14.3	14.7	15.9	10.1	10.6	10.2
20 years and over	542	521	588	10.8	10.5	11.7	12.9	13.0	13.0
Other marital status	252	188	267	10.0	7.7	10.6	6.0	4.7	5.9
Female	1,659	1,515	1,698	6.4	6.0	6.7	39.3	37.9	37.5
Married, husband present	855	709	859	5.8	4.9	6.0	20.3	17.7	19.0
Single	437	469	408	7.4	8.0	7.1	10.4	11.7	9.0
14 to 19 years	278	302	229	13.5	14.8	11.2	6.6	7.6	5.1
20 years and over	159	167	179	4.2	4.4	4.8	3.8	4.2	4.0
Other marital status	366	337	430	6.9	6.4	8.3	8.7	8.4	9.5
HOUSEHOLD RELATIONSHIP									
Total	4,218	3,996	4,524	5.7	5.5	6.2	100.0	100.0	100.0
Household head	1,824	1,766	2,007	4.0	3.9	4.5	43.3	44.2	44.4
Living with relatives	1,521	1,519	1,651	3.8	3.8	4.2	36.1	38.0	36.5
Not living with relatives	303	246	356	5.6	4.7	7.0	7.2	6.2	7.9
Wife of head	682	682	825	5.8	4.8	5.9	19.7	17.1	18.2
Other relative of head	1,461	1,436	1,568	11.7	11.7	12.6	34.6	36.0	34.7
Non-relative of head	101	111	125	7.3	7.9	8.1	2.4	2.8	2.8

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

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964		Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
Total	4,218	3,996	4,524	100.0	100.0	100.0	Total	4,218	3,996	4,524	100.0	100.0	100.0
Less than 5 weeks	1,671	1,863	1,669	39.6	46.6	36.9	Persons on temporary layoff	131	124	132	3.1	3.1	2.9
5 to 14 weeks	1,496	1,288	1,692	35.5	32.2	37.4							
5 and 6 weeks	445	345	436	10.6	8.6	9.6	Persons scheduled to begin new jobs within 30 days.	124	113	91	2.9	2.8	2.0
7 to 10 weeks	640	577	800	15.2	14.4	17.7							
11 to 14 weeks	412	366	455	9.8	9.2	10.1	All other unemployed ...	3,963	3,759	4,301	94.0	94.1	95.1
15 weeks and over	1,050	845	1,163	24.9	21.2	25.7							
15 to 26 weeks	616	457	654	14.6	11.4	14.5							
27 weeks and over	434	389	510	10.3	9.7	11.3							
Average (mean) duration ...	12.8	11.7	13.4	-	-	-							

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		
	Feb. 1965	Feb. 1964	Feb. 1965	Feb. 1964	Feb. 1965	Feb. 1964	Feb. 1965	Feb. 1964	
INDUSTRY									
Total	24.9	25.7	100.0	100.0	10.3	11.3	100.0	100.0	100.0
Experienced wage and salary workers	24.7	24.7	85.7	84.3	9.9	10.2	83.2	80.0	86.3
Agriculture	27.0	20.9	4.2	3.7	9.2	5.8	3.5	2.4	1.7
Nonagricultural industries	24.6	24.9	81.5	80.6	9.9	10.5	79.7	77.6	84.6
Mining, forestry, fisheries	(1)	(1)	1.2	2.3	(1)	(1)	1.4	3.5	.9
Construction	20.1	19.0	12.6	10.7	4.0	5.2	6.0	6.7	5.4
Manufacturing	25.2	27.1	23.9	26.7	11.1	11.4	25.3	25.7	26.4
Durable goods	28.9	29.9	14.0	15.9	12.6	13.1	14.7	15.9	15.0
Nondurable goods	21.4	23.9	9.9	10.8	9.5	9.5	10.6	9.8	11.4
Transportation and public utilities	29.2	34.6	5.3	6.9	12.5	16.5	5.5	7.5	6.3
Wholesale and retail trade	26.6	22.9	19.0	15.6	11.4	10.4	19.8	16.1	15.7
Finance, insurance, and real estate, and service industries	23.3	23.8	16.7	15.9	10.9	10.5	18.9	16.1	25.0
Public administration	(1)	26.6	2.9	2.5	(1)	9.2	2.8	2.0	5.1
Self-employed and unpaid family workers	20.8	27.8	2.6	4.2	12.3	12.5	3.7	4.3	13.1
No previous work experience	27.7	35.3	11.7	11.5	12.8	21.1	13.1	15.7	.6
OCCUPATION									
Total	24.9	25.7	100.0	100.0	10.3	11.3	100.0	100.0	100.0
White-collar workers	26.8	23.9	23.1	19.4	12.7	11.2	26.6	20.7	44.3
Professional and technical	25.0	25.0	3.5	3.2	13.5	6.8	4.6	1.9	12.5
Managers, officials, and proprietors	(1)	33.3	3.3	3.7	(1)	16.3	4.4	4.1	10.2
Clerical workers	26.8	25.0	11.6	10.6	11.2	11.5	11.8	11.1	15.4
Sales workers	23.3	12.6	4.6	1.9	12.1	10.3	5.8	3.5	6.3
Blue-collar workers	22.8	25.4	44.4	51.5	7.8	10.0	37.0	46.0	36.9
Craftsmen and foremen	23.7	27.2	12.2	13.7	10.7	9.3	13.4	10.7	12.7
Operatives	21.5	24.8	19.4	24.7	7.3	10.8	15.9	24.6	18.8
Nonfarm laborers	23.9	25.0	12.9	13.0	5.8	9.1	7.6	10.7	5.4
Service workers	26.3	25.3	16.6	14.2	13.6	11.7	20.8	15.0	13.2
Private household workers	18.2	12.4	2.3	1.3	12.1	5.8	3.7	1.4	3.2
Other service workers	28.3	28.2	14.3	13.0	14.0	13.1	17.1	13.6	10.0
Farm workers	27.0	21.9	4.2	3.4	6.7	7.7	2.5	2.7	5.0
Farmers and farm managers	(1)	(1)	.5	.2	(1)	-	.5	-	3.0
Farm laborers and foremen	27.5	22.4	3.7	3.3	6.3	8.2	2.1	2.7	2.1
No previous work experience	27.7	35.3	11.7	11.5	12.8	21.1	13.1	15.7	.6

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

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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		
	Feb. 1965	Feb. 1964	Feb. 1965	Feb. 1964	Feb. 1965	Feb. 1964	Feb. 1965	Feb. 1964	
AGE									
Total	24.9	25.7	100.0	100.0	10.3	11.3	100.0	100.0	100.0
Male	26.7	27.1	64.9	65.8	11.1	11.1	65.7	61.8	64.9
14 to 19 years	23.8	23.8	10.2	9.8	9.6	9.4	9.9	8.8	4.3
20 to 24 years	18.6	20.0	7.5	8.6	8.3	5.4	8.1	5.3	6.5
25 to 44 years	25.7	23.8	22.1	19.7	10.0	7.9	20.7	14.9	28.5
45 years and over	33.6	36.5	25.0	27.7	14.9	18.9	27.0	32.7	25.6
Female	22.2	23.4	35.1	34.2	9.0	11.5	34.3	38.2	35.1
14 to 19 years	21.0	20.4	7.0	5.2	10.2	12.7	8.3	7.5	3.2
20 to 24 years	19.5	21.8	5.0	5.5	7.4	10.6	4.6	6.1	4.4
25 to 44 years	18.9	21.9	11.5	12.2	7.0	9.6	10.4	12.2	13.6
45 years and over	30.8	28.4	11.5	11.2	12.2	14.0	11.1	12.5	13.8
COLOR									
Total	24.9	25.7	100.0	100.0	10.3	11.3	100.0	100.0	100.0
White, total	24.7	25.2	79.1	78.6	9.3	11.1	71.7	78.8	89.0
Male	26.8	26.6	52.7	52.6	9.9	11.3	47.2	50.8	58.4
Female	21.5	22.8	26.5	26.0	8.2	10.7	24.4	28.0	30.6
Nonwhite, total	25.6	27.8	20.9	21.4	14.4	12.1	28.3	21.2	11.0
Male	26.2	29.4	12.3	13.3	16.1	10.6	18.2	11.0	6.5
Female	24.7	25.5	8.6	8.1	12.1	14.1	10.1	10.2	4.4
MARITAL STATUS									
Total	24.9	25.7	100.0	100.0	10.3	11.3	100.0	100.0	100.0
Male	26.7	27.1	64.9	65.8	11.1	11.1	65.7	61.8	64.9
Married, wife present	25.7	26.2	32.8	34.0	9.5	10.5	29.3	31.0	50.7
Single	26.8	26.2	24.7	23.7	12.0	10.3	26.5	21.2	10.9
14 to 19 years	24.4	24.2	9.9	9.6	9.9	9.7	9.7	8.8	4.0
20 years and over	28.6	27.9	14.8	14.1	13.5	10.7	16.8	12.4	6.8
Other marital status	31.3	36.0	7.5	8.2	16.7	18.0	9.7	9.4	3.4
Female	22.2	23.4	35.1	34.2	9.0	11.5	34.3	38.2	35.1
Married, husband present	18.9	21.9	15.4	16.1	6.3	9.0	12.4	15.1	19.9
Single	22.9	25.7	9.4	9.1	11.9	13.0	12.0	10.4	8.0
14 to 19 years	20.9	22.3	5.5	4.4	9.4	12.2	6.0	5.5	2.8
20 years and over	25.8	30.7	3.9	4.7	16.4	14.0	6.0	4.9	5.2
Other marital status	28.9	24.2	10.1	8.9	12.0	15.1	10.1	12.8	7.2

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

Age and sex	Looking for full-time work (thousands of persons)			Looking for part-time work (thousands of persons)			Looking for part-time work as a percent of unemployed in each group		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
	Total	3,557	3,385	3,839	662	611	685	15.7	15.3	15.1
Male	2,234	2,187	2,438	325	294	388	12.7	11.9	13.7
14 to 19 years	242	249	247	209	199	231	46.3	44.4	48.3
Major activity:									
Going to school	20	16	8	201	186	222	91.0	92.1	96.5
All other	222	234	240	8	13	11	3.5	5.3	4.4
20 to 24 years	393	394	457	31	38	43	7.3	8.8	8.6
25 to 54 years	1,267	1,221	1,353	30	16	26	2.3	1.3	1.9
55 years and over	332	324	382	55	44	88	14.2	12.0	18.7
Female	1,323	1,198	1,401	337	317	297	20.3	20.9	17.5
14 to 19 years	259	230	198	94	131	101	26.6	36.3	33.8
Major activity:									
Going to school	24	24	17	85	106	81	78.0	81.5	(1)
All other	235	206	181	10	25	21	4.1	10.8	10.4
20 to 24 years	231	210	263	41	38	29	15.1	15.3	9.9
25 to 54 years	694	660	764	154	122	135	18.2	15.6	15.0
55 years and over	138	100	176	48	26	32	25.8	20.6	15.4

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

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

Age and sex	Thousands of persons			Labor force participation rate		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
	Total	76,418	75,699	75,259	56.4	55.9	56.4
Male	50,538	50,212	49,956	77.0	76.6	77.2
14 to 19 years	3,684	3,563	3,576	36.4	35.3	36.7
14 and 15 years	474	482	534	13.4	13.7	15.2
16 and 17 years	1,201	1,123	1,228	33.8	31.5	35.5
18 and 19 years	2,009	1,958	1,814	66.0	65.2	65.6
20 to 24 years	5,728	5,709	5,444	86.3	86.3	85.5
25 to 34 years	10,604	10,602	10,616	97.1	97.1	97.4
35 to 44 years	11,533	11,534	11,556	97.4	97.3	97.3
45 to 54 years	10,108	10,063	10,014	95.7	95.3	95.9
55 to 64 years	6,765	6,723	6,670	85.0	84.6	85.2
55 to 59 years	3,914	3,911	3,899	90.2	90.3	91.2
60 to 64 years	2,851	2,812	2,771	77.8	77.8	77.9
65 years and over	2,119	2,018	2,078	27.8	26.5	27.5
Female	25,880	25,487	25,302	37.1	36.6	36.9
14 to 19 years	2,392	2,357	2,371	24.2	23.9	24.9
14 and 15 years	378	334	334	11.0	9.8	9.8
16 and 17 years	726	698	754	20.9	20.1	22.3
18 and 19 years	1,287	1,326	1,283	42.8	44.7	46.9
20 to 24 years	3,271	3,201	3,132	49.1	48.2	48.8
25 to 34 years	4,368	4,253	4,186	38.9	37.8	37.3
35 to 44 years	5,685	5,583	5,550	45.7	44.8	44.4
45 to 54 years	5,626	5,662	5,662	50.4	50.8	51.5
55 to 64 years	3,566	3,493	3,413	41.1	40.3	40.1
55 to 59 years	2,193	2,143	2,126	47.1	46.1	46.6
60 to 64 years	1,373	1,350	1,287	34.2	33.6	32.6
65 years and over	971	935	985	10.0	9.6	10.4

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

Age and sex	(In thousands)					
	Male			Female		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
All industries	45,307	45,056	44,429	24,189	23,940	23,573
14 to 19 years	2,739	2,620	2,598	2,032	1,990	2,065
20 to 24 years	4,366	4,340	3,996	2,989	2,943	2,830
25 to 34 years	9,388	9,410	9,369	4,042	3,960	3,873
35 to 44 years	10,698	10,714	10,678	5,357	5,286	5,204
45 to 54 years	9,626	9,602	9,515	5,418	5,457	5,409
55 to 64 years	6,469	6,424	6,315	3,405	3,390	3,250
65 years and over	2,021	1,946	1,958	945	912	941
Nonagricultural industries	42,011	41,810	41,029	23,682	23,447	23,042
14 to 19 years	2,432	2,334	2,248	2,001	1,968	2,021
20 to 24 years	4,159	4,100	3,754	2,970	2,924	2,815
25 to 34 years	8,984	9,007	8,949	3,970	3,895	3,783
35 to 44 years	10,095	10,155	10,093	5,236	5,164	5,085
45 to 54 years	8,936	8,922	8,836	5,299	5,332	5,277
55 to 64 years	5,792	5,772	5,631	3,302	3,298	3,174
65 years and over	1,613	1,521	1,516	905	866	886
Agriculture	3,296	3,246	3,400	506	492	531
14 to 19 years	307	286	350	31	22	44
20 to 24 years	208	239	242	19	19	15
25 to 34 years	404	403	419	72	66	90
35 to 44 years	604	560	585	121	123	119
45 to 54 years	690	680	679	118	124	132
55 to 64 years	678	652	685	104	93	75
65 years and over	407	425	442	41	46	55

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

Characteristics	(In thousands)								
	Total			Male			Female		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
CLASS OF WORKER									
Total	69,496	68,996	68,002	45,307	45,056	44,429	24,189	23,940	23,573
Nonagricultural industries	65,694	65,257	64,071	42,011	41,810	41,029	23,682	23,447	23,042
Wage and salary workers	58,887	58,526	57,184	37,130	36,958	36,064	21,757	21,569	21,120
Private household workers	2,358	2,381	2,514	171	193	211	2,187	2,188	2,303
Government workers	9,694	9,658	9,520	5,652	5,690	5,593	4,042	3,968	3,927
Other wage and salary workers	46,835	46,487	45,150	31,307	31,075	30,260	15,528	15,413	14,890
Self-employed workers	6,193	6,140	6,312	4,802	4,767	4,893	1,391	1,373	1,420
Unpaid family workers	614	591	574	79	85	73	534	505	502
Agriculture	3,803	3,739	3,931	3,296	3,247	3,400	506	492	531
Wage and salary workers	1,090	1,091	1,181	1,006	1,010	1,079	83	81	102
Self-employed workers	2,203	2,139	2,217	2,079	2,030	2,110	124	109	107
Unpaid family workers	510	509	533	212	206	212	299	302	322
OCCUPATION									
Total	69,496	68,996	68,002	45,307	45,056	44,429	24,189	23,940	23,573
White-collar workers	31,747	31,497	31,086	17,840	17,711	17,675	13,907	13,786	13,414
Professional and technical	9,076	9,032	8,733	5,650	5,641	5,486	3,427	3,391	3,247
Managers, officials, and proprietors	7,389	7,247	7,483	6,273	6,033	6,358	1,116	1,112	1,126
Clerical workers	10,872	10,804	10,581	3,170	3,247	3,185	7,702	7,557	7,397
Sales workers	4,410	4,514	4,289	2,747	2,790	2,646	1,662	1,726	1,644
Blue-collar workers	25,161	25,043	24,235	21,173	21,114	20,426	3,989	3,931	3,810
Craftsmen and foremen	8,829	8,714	8,481	8,589	8,468	8,229	240	248	251
Operatives	12,911	12,925	12,551	9,271	9,325	9,083	3,641	3,600	3,469
Nonfarm laborers	3,421	3,404	3,203	3,313	3,321	3,114	108	83	90
Service workers	9,037	8,976	9,036	3,211	3,199	3,156	5,825	5,777	5,879
Private household workers	2,221	2,211	2,364	46	47	61	2,174	2,164	2,303
Other service workers	6,816	6,765	6,672	3,165	3,152	3,095	3,651	3,613	3,576
Farm workers	3,549	3,483	3,546	3,085	3,036	3,173	466	448	473
Farmers and farm managers	2,167	2,097	2,179	2,041	1,986	2,069	127	112	110
Farm laborers and foremen	1,382	1,386	1,467	1,044	1,050	1,104	339	336	363

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Table A-15: Employed persons, by hours worked

(In thousands)

Hours worked	All industries			Nonagricultural industries			Agriculture		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
	Total	69,496	68,996	68,002	65,694	65,257	64,071	3,803	3,739	3,931
With a job but not at work	2,650	2,362	2,326	2,400	2,148	2,103	250	213	223
At work	66,846	66,634	65,676	63,293	63,109	61,968	3,553	3,526	3,708
1-34 hours	14,556	13,020	14,614	13,165	11,681	13,015	1,393	1,339	1,601
1-4 hours	1,083	970	1,131	1,012	906	1,061	72	66	69
5-14 hours	3,598	3,319	3,714	3,214	3,034	3,260	384	289	455
15-34 hours	9,875	8,729	9,770	8,940	7,744	8,694	936	985	1,077
35 hours or more	52,289	53,614	51,062	50,128	51,430	48,953	2,160	2,187	2,108
35-40 hours	30,671	31,726	30,536	30,110	31,166	29,968	561	560	568
41 hours and over	21,618	21,888	20,526	20,018	20,264	18,985	1,599	1,627	1,540
Average hours, total at work	39.8	40.2	39.5	39.7	40.1	39.5	40.9	41.1	38.7

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

(In thousands)

Full- or part-time status	All industries			Nonagricultural industries		
	Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
	Total	69,496	68,996	68,002	65,694	65,257	64,071
With a job but not at work	2,650	2,362	2,326	2,400	2,148	2,103
At work	66,846	66,634	65,676	63,293	63,109	61,968
On full-time schedules	56,328	56,231	54,898	53,768	53,687	52,289
35 hours or more	52,289	53,614	51,062	50,128	51,430	48,953
1-34 hours for noneconomic reasons	4,039	2,617	3,836	3,640	2,257	3,336
Bad weather	929	775	1,004	646	516	620
Industrial dispute	34	21	5	34	21	5
Vacation	130	149	121	130	148	115
Illness	1,181	1,022	979	1,138	987	944
Holiday	1,184	127	1,028	1,184	126	1,028
All other reasons	581	523	699	508	459	624
On part time for economic reasons	2,231	2,383	2,475	1,909	2,057	2,142
Usually work full time	1,132	1,318	1,225	927	1,078	1,036
Average hours	22.0	22.9	23.9	22.7	23.0	24.4
Usually work part time	1,099	1,065	1,250	982	979	1,106
Average hours	17.8	17.8	16.6	17.7	17.8	17.0
On part time for noneconomic reasons; usually work part time	8,288	8,021	8,304	7,616	7,367	7,536

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

(In thousands)

Reason not working	All industries			Nonagricultural industries								
	Feb. 1965	Jan. 1965	Feb. 1964	Total			Wage and salary workers					
				Feb. 1965	Jan. 1965	Feb. 1964	Number			Percent paid		
							Feb. 1965	Jan. 1965	Feb. 1964	Feb. 1965	Jan. 1965	Feb. 1964
Total	2,650	2,362	2,326	2,400	2,148	2,103	1,994	1,811	1,689	39.3	38.4	39.9
Bad weather	261	257	177	171	194	103	112	125	61	3.6	5.6	(1)
Industrial dispute	67	81	25	67	81	25	67	81	25	-	-	-
Vacation	472	345	439	460	323	422	399	292	346	81.5	85.6	82.9
Illness	1,255	1,073	1,060	1,185	1,027	1,001	1,040	927	868	35.9	39.4	37.3
All other reasons	595	607	625	517	524	552	376	388	390	22.1	19.3	14.9

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

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

February 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	50,538	77.0	47,866	45,307	3,296	42,011	2,558	5.3	15,126	155	7,140	1,135	6,697	
14 and 15 years	474	13.4	474	443	82	361	31	6.5	3,054	3	3,008	12	31	
16 and 17 years	1,201	33.8	1,150	944	113	831	206	17.9	2,355	2	2,245	15	93	
18 and 19 years	2,009	66.0	1,565	1,352	112	1,240	213	13.6	1,034	3	960	9	62	
20 to 24 years	5,728	86.3	4,790	4,366	208	4,159	424	8.8	906	-	784	29	93	
25 to 29 years	5,315	96.5	4,891	4,651	183	4,468	240	4.9	191	1	104	28	60	
30 to 34 years	5,289	97.7	4,961	4,737	221	4,516	224	4.5	124	1	16	27	80	
35 to 39 years	5,728	97.8	5,500	5,293	278	5,015	208	3.8	126	1	9	43	73	
40 to 44 years	5,805	96.9	5,634	5,405	326	5,080	229	4.1	186	10	8	45	123	
45 to 49 years	5,300	96.3	5,235	5,026	315	4,711	209	4.0	204	9	1	67	127	
50 to 54 years	4,808	95.0	4,787	4,600	375	4,225	187	3.9	254	10	5	71	167	
55 to 59 years	3,914	90.2	3,910	3,737	341	3,397	172	4.4	424	11	-	139	274	
60 to 64 years	2,851	78.8	2,850	2,732	337	2,395	118	4.1	768	12	-	171	586	
65 to 69 years	1,218	43.5	1,218	1,153	205	947	65	5.3	1,585	17	-	111	1,457	
70 years and over	901	18.7	901	868	202	666	32	3.6	3,916	76	-	369	3,471	
White	45,513	77.3	43,066	41,000	2,920	38,081	2,066	4.8	13,402	124	6,282	984	6,012	
Nonwhite	5,026	74.5	4,800	4,307	377	3,931	492	10.3	1,724	31	857	151	685	
Female	25,880	37.1	25,848	24,189	506	23,682	1,659	6.4	43,925	35,309	7,052	624	940	
14 and 15 years	378	11.0	378	364	17	347	14	3.8	3,049	44	2,969	1	35	
16 and 17 years	726	20.9	726	614	9	606	112	15.4	2,746	240	2,456	6	44	
18 and 19 years	1,287	42.8	1,280	1,053	5	1,048	227	17.7	1,717	627	1,040	8	41	
20 to 24 years	3,271	49.1	3,260	2,989	19	2,970	272	8.3	3,393	2,839	484	18	52	
25 to 29 years	2,225	39.4	2,221	2,044	26	2,018	176	7.9	3,426	3,362	29	15	21	
30 to 34 years	2,143	38.3	2,140	1,998	46	1,952	142	6.6	3,447	3,374	24	15	34	
35 to 39 years	2,653	43.4	2,651	2,504	61	2,443	146	5.5	3,463	3,373	17	12	62	
40 to 44 years	3,032	47.9	3,030	2,853	60	2,793	177	5.9	3,300	3,215	18	16	51	
45 to 49 years	2,973	51.2	2,972	2,864	57	2,806	109	3.7	2,835	2,766	11	24	34	
50 to 54 years	2,653	49.6	2,652	2,554	61	2,493	98	3.7	2,699	2,631	-	30	37	
55 to 59 years	2,193	47.1	2,193	2,082	51	2,032	111	5.0	2,464	2,388	-	39	36	
60 to 64 years	1,373	34.2	1,373	1,323	53	1,270	50	3.7	2,647	2,549	4	33	61	
65 to 69 years	568	16.9	568	548	14	535	20	3.5	2,787	2,655	-	45	86	
70 years and over	403	6.3	403	397	27	370	5	1.4	5,952	5,245	-	362	346	
White	22,601	36.3	22,572	21,276	452	20,825	1,295	5.7	39,655	32,207	6,076	534	838	
Nonwhite	3,280	43.4	3,277	2,912	55	2,858	364	11.1	4,270	3,102	976	89	103	

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

February 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	85.6	1.4	1.6	11.5	100.0	20.4	50.6	15.3	13.9
Construction	100.0	91.5	3.4	1.4	3.7	100.0	25.9	53.0	12.2	8.9
Manufacturing	100.0	94.3	2.1	.6	2.9	100.0	10.4	60.0	17.6	11.9
Durable goods	100.0	96.8	1.4	.4	1.4	100.0	7.9	61.0	18.9	12.2
Nondurable goods	100.0	91.1	3.1	.9	5.0	100.0	14.0	58.5	16.1	11.5
Transportation and public utilities	100.0	93.4	1.2	1.2	4.2	100.0	12.8	58.4	14.6	14.2
Wholesale and retail trade	100.0	77.4	1.1	2.1	19.4	100.0	25.5	37.9	19.0	17.6
Finance, insurance, and real estate	100.0	90.6	.2	.7	8.5	100.0	19.2	54.7	11.2	14.9
Service industries	100.0	73.1	.9	3.1	22.9	100.0	31.6	41.2	12.4	14.8

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

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

February 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	30,738	100.0	86.8	0.6	0.6	12.0	100.0	18.8	46.9	14.0	20.3	41.0
Professional and technical	8,876	100.0	89.1	.3	.4	10.2	100.0	17.0	45.9	14.6	22.5	41.7
Managers, officials, and proprietors	7,047	100.0	94.8	.7	.4	3.9	100.0	8.9	33.0	17.4	40.5	48.5
Clerical workers	10,573	100.0	84.8	.7	.7	13.8	100.0	22.5	62.0	10.5	5.0	37.0
Sales workers	4,242	100.0	73.1	.8	1.2	24.9	100.0	29.8	34.1	15.8	20.3	37.3
Blue-collar workers	24,083	100.0	90.2	2.7	1.6	5.5	100.0	16.7	52.7	17.3	13.3	40.1
Craftsmen and foremen	8,490	100.0	95.0	1.8	.8	2.4	100.0	11.9	53.4	18.9	15.8	41.6
Operatives	12,388	100.0	90.1	3.4	1.5	4.9	100.0	15.7	54.0	17.1	13.1	40.5
Nonfarm laborers	3,205	100.0	77.4	2.7	4.1	15.6	100.0	32.7	46.2	13.7	7.2	34.7
Service workers	8,716	100.0	63.8	1.2	4.8	30.1	100.0	39.3	35.2	12.8	12.6	33.9
Private household workers	2,158	100.0	33.6	1.4	10.7	54.3	100.0	68.7	18.3	7.1	5.9	22.5
Other service workers	6,558	100.0	73.8	1.1	2.9	22.1	100.0	29.6	40.8	14.7	14.8	37.6

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

February 1965

Occupation	Thousands			Percent distribution								
	Total	Male	Female	Total	Male	Female	White			Nonwhite		
							Total	Male	Female	Total	Male	Female
Total	69,496	45,307	24,189	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	31,747	17,840	13,907	45.7	39.4	57.5	48.6	41.8	61.8	20.6	16.7	26.3
Professional and technical	9,076	5,650	3,427	13.1	12.5	14.2	13.7	13.1	14.8	7.6	6.1	9.8
Medical and other health	1,476	590	886	2.1	1.3	3.7	2.2	1.4	3.9	1.1	.6	1.9
Teachers, except college	2,118	637	1,481	3.0	1.4	6.1	3.0	1.4	6.1	3.5	1.8	6.0
Other professional and technical	5,482	4,423	1,060	7.9	9.8	4.4	8.5	10.4	4.7	2.9	3.6	1.9
Managers, officials, and proprietors	7,389	6,273	1,116	10.6	13.8	4.6	11.6	14.9	5.0	2.7	3.4	1.8
Salaried workers	4,364	3,698	666	6.3	8.2	2.8	6.9	8.9	3.0	1.1	1.3	.8
Self-employed workers in retail trade	1,416	1,103	313	2.0	2.4	1.3	2.2	2.6	1.4	.7	.8	.6
Self-employed workers, except retail trade	1,609	1,472	137	2.3	3.2	.6	2.5	3.5	.6	.9	1.2	.4
Clerical workers	10,872	3,170	7,702	15.6	7.0	31.8	16.5	7.2	34.4	8.6	5.5	13.1
Stenographers, typists, and secretaries	2,852	51	2,801	4.1	.1	11.6	4.4	.1	12.6	1.7	(1)	4.1
Other clerical workers	8,020	3,119	4,901	11.5	6.9	20.3	12.1	7.0	21.8	6.9	5.5	9.0
Sales workers	4,410	2,747	1,663	6.3	6.1	6.9	6.9	6.5	7.6	1.7	1.7	1.6
Retail trade	2,638	1,163	1,474	3.8	2.6	6.1	4.1	2.7	6.7	1.3	1.2	1.5
Other sales workers	1,772	1,584	188	2.5	3.5	.8	2.8	3.8	.9	.3	.5	.1
Blue-collar workers	25,161	21,173	3,988	36.2	46.7	16.5	35.6	45.5	16.5	41.5	58.6	16.2
Craftsmen, foremen	8,829	8,589	240	12.7	19.0	1.0	13.4	19.8	1.1	6.7	11.0	.3
Carpenters	739	737	2	1.1	1.6	(1)	1.1	1.7	(1)	.6	1.0	-
Construction craftsmen, except carpenters	1,613	1,610	3	2.3	3.6	(1)	2.4	3.7	(1)	1.6	2.6	-
Mechanics and repairmen	2,331	2,320	11	3.4	5.1	(1)	3.5	5.3	.1	2.0	3.3	-
Metal craftsmen, except mechanics	1,121	1,110	11	1.6	2.4	(1)	1.7	2.6	.1	.7	1.1	-
Other craftsmen and kindred workers	1,822	1,685	137	2.6	3.7	.6	2.8	3.9	.6	1.4	2.2	.2
Foremen, not elsewhere classified	1,203	1,127	76	1.7	2.5	.3	1.9	2.7	.3	.5	.7	.1
Operatives	12,911	9,271	3,641	18.6	20.5	15.1	18.2	19.9	15.1	21.6	26.2	14.8
Drivers and deliverymen	2,461	2,410	52	3.5	5.3	.2	3.4	5.0	.2	4.9	8.1	(1)
Other operatives	10,450	6,861	3,589	15.0	15.1	14.8	14.8	14.8	14.8	16.7	18.1	14.8
Durable goods manufacturing	4,123	3,189	934	5.9	7.0	3.9	5.9	6.9	4.0	5.9	7.9	3.0
Nondurable goods manufacturing	3,610	1,659	1,951	5.2	3.7	8.1	5.3	3.6	8.5	4.6	4.2	5.3
Other industries	2,717	2,013	704	3.9	4.4	2.9	3.6	4.3	2.4	6.2	5.9	6.5
Nonfarm laborers	3,421	3,313	108	4.9	7.3	.4	4.0	5.8	.4	13.2	21.4	1.1
Construction	666	664	2	1.0	1.5	(1)	.8	1.1	(1)	2.7	4.5	-
Manufacturing	1,040	992	48	1.5	2.2	.2	1.2	1.8	.2	3.9	6.2	.5
Other industries	1,715	1,657	58	2.5	3.7	.2	2.0	2.9	.2	6.6	10.7	.6
Service workers	9,037	3,211	5,825	13.0	7.1	24.1	10.8	6.1	19.7	32.3	16.4	55.9
Private household workers	2,221	46	2,174	3.2	.1	9.0	2.1	.1	5.9	12.8	.3	31.3
Service workers, except private household	6,816	3,165	3,651	9.8	7.0	15.1	8.7	6.0	13.8	19.5	16.0	24.6
Protective service workers	840	791	49	1.2	1.7	.2	1.3	1.9	.2	.5	.7	.1
Waiters, cooks, and bartenders	1,859	538	1,321	2.7	1.2	5.5	2.5	1.0	5.4	3.9	2.6	5.7
Other service workers	4,117	1,836	2,281	5.9	4.1	9.4	4.9	3.1	8.1	15.2	12.7	18.8
Farm workers	3,549	3,085	464	5.1	6.8	1.9	5.0	6.6	2.0	5.6	8.3	1.6
Farmers and farm managers	2,167	2,041	127	3.1	4.5	.5	3.3	4.7	.5	1.6	2.3	.5
Farm laborers and foremen	1,382	1,044	339	2.0	2.3	1.4	1.8	1.9	1.4	4.0	6.0	1.1
Paid workers	886	832	54	1.3	1.8	.2	1.0	1.4	.1	3.8	5.8	.9
Unpaid family workers	496	212	285	.7	.5	1.2	.8	.5	1.3	.2	.2	.2

¹Less 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

February 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	63,293	100.0	85.0	1.5	1.5	12.0	100.0	20.8	47.5	31.7	39.7
Male	40,485	100.0	91.0	1.4	1.1	6.5	100.0	14.5	45.7	39.8	42.4
14 to 17 years	1,165	100.0	12.0	.4	2.5	85.2	100.0	89.1	7.9	3.1	15.3
18 and 19 years	1,212	100.0	60.7	2.6	5.3	31.3	100.0	42.8	33.5	23.6	32.8
20 to 24 years	4,076	100.0	87.8	2.5	1.6	8.2	100.0	17.8	45.5	36.8	40.8
25 to 34 years	8,771	100.0	96.5	1.3	.7	1.4	100.0	9.0	47.1	43.8	44.4
35 to 44 years	9,761	100.0	97.7	1.0	.8	.6	100.0	7.8	46.5	45.8	45.2
45 to 64 years	14,049	100.0	95.5	1.5	.8	2.2	100.0	10.6	49.5	39.9	43.6
65 years and over	1,451	100.0	68.0	1.3	1.2	29.4	100.0	37.4	37.0	25.5	35.1
Female	22,808	100.0	74.2	1.5	2.4	21.9	100.0	31.9	50.9	17.2	34.8
14 to 17 years	943	100.0	7.5	-	2.1	90.4	100.0	93.3	4.7	2.0	10.8
18 and 19 years	1,032	100.0	68.9	1.3	4.4	24.9	100.0	38.3	51.1	10.6	31.8
20 to 24 years	2,913	100.0	82.7	1.9	1.9	13.6	100.0	24.5	59.2	16.4	36.5
25 to 34 years	3,781	100.0	77.9	1.2	2.5	18.5	100.0	28.8	55.2	16.1	35.4
35 to 44 years	5,036	100.0	76.6	1.5	2.4	19.5	100.0	29.3	53.1	17.6	35.8
45 to 64 years	8,260	100.0	78.4	1.7	2.2	17.7	100.0	27.9	52.1	20.0	36.8
65 years and over	842	100.0	54.2	1.2	3.7	41.0	100.0	51.5	29.4	19.2	31.4
MARITAL STATUS AND SEX											
Male: Single	6,146	100.0	67.8	2.1	2.8	27.4	100.0	36.9	40.7	22.5	33.6
Married, wife present	32,402	100.0	95.6	1.3	.7	2.5	100.0	10.2	46.5	43.4	44.2
Other	1,937	100.0	89.6	2.1	2.3	6.0	100.0	16.7	49.0	34.3	41.3
Female: Single	5,302	100.0	71.2	1.1	1.9	25.8	100.0	35.4	49.1	15.5	32.5
Married, husband present	12,863	100.0	73.4	1.6	2.0	23.0	100.0	32.6	51.0	16.4	34.9
Other	4,644	100.0	79.6	1.7	4.2	14.5	100.0	26.4	52.6	21.0	37.1
COLOR AND SEX											
White	56,802	100.0	85.5	1.4	1.1	12.1	100.0	20.2	47.3	32.6	40.0
Male	36,746	100.0	91.3	1.3	.8	6.5	100.0	13.9	45.1	40.9	42.7
Female	20,055	100.0	74.7	1.5	1.6	22.2	100.0	31.4	51.3	17.3	34.9
Nonwhite	6,491	100.0	80.4	2.3	5.7	11.6	100.0	26.6	50.2	23.2	37.3
Male	3,739	100.0	88.1	2.5	3.7	5.8	100.0	19.6	52.2	28.3	39.7
Female	2,753	100.0	70.0	2.1	8.4	19.5	100.0	36.1	47.6	16.3	34.1

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

February 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	66,846	3,553	1,037	2,006	510	63,293	56,896	2,290	9,411	45,195	5,786	611
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	21.8	39.3	35.5	34.1	66.5	20.8	20.4	67.7	19.4	18.1	22.6	45.3
1 to 14 hours	7.0	12.9	14.6	15.2	-	6.7	6.4	42.5	3.7	5.1	10.2	-
15 to 21 hours	5.2	11.6	10.4	6.8	33.0	4.8	4.6	12.2	3.8	4.3	5.3	25.6
22 to 29 hours	4.4	9.1	5.1	7.9	21.6	4.2	4.2	8.5	4.2	4.0	3.1	10.0
30 to 34 hours	5.2	5.7	5.4	4.2	11.9	5.1	5.2	4.5	7.7	4.7	4.0	9.7
35 to 40 hours	45.9	15.8	18.6	15.2	12.3	47.5	50.6	18.7	54.6	51.3	21.2	20.7
35 to 39 hours	6.2	7.7	4.6	9.1	8.6	6.1	6.3	5.7	5.4	6.5	4.9	6.7
40 hours	39.7	8.1	14.0	6.1	3.7	41.4	44.3	13.0	49.2	44.8	16.3	14.0
41 hours and over	32.3	44.9	46.0	50.4	21.2	31.7	29.2	13.5	25.9	30.4	56.3	33.9
41 to 47 hours	8.1	6.9	10.0	4.9	8.4	8.3	8.5	4.0	8.1	8.7	6.2	8.3
48 hours	6.7	3.7	3.9	4.3	.9	6.9	6.8	3.4	3.9	7.6	7.3	5.1
49 hours and over	17.5	34.3	32.1	41.2	11.9	16.5	13.9	6.1	13.9	14.1	42.8	20.5
49 to 54 hours	6.3	7.4	9.0	8.0	1.9	6.2	5.8	1.9	5.9	5.9	10.5	6.5
55 to 59 hours	2.8	3.6	2.5	4.1	3.7	2.8	2.6	1.2	2.7	2.6	4.5	2.9
60 to 69 hours	4.6	9.4	9.6	10.9	3.1	4.3	3.4	1.4	2.9	3.6	13.7	3.4
70 hours and over	3.8	13.9	11.0	18.2	3.2	3.2	2.1	1.6	2.4	2.0	14.1	7.7
Average hours, total at work	39.8	40.9	40.1	43.6	31.6	39.7	39.1	22.8	39.8	39.8	45.8	37.2

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(In thousands)

Employment status	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964
Total labor force	77,755	77,621	77,432	77,140	76,996	77,023	77,006	76,928	77,049	77,225	77,252	76,541	76,551
Civilian labor force	75,051	74,914	74,706	74,409	74,259	74,280	74,255	74,188	74,305	74,477	74,507	73,798	73,819
Employed	71,304	71,284	71,004	70,755	70,379	70,465	70,458	70,496	70,345	70,639	70,486	69,812	69,842
Agriculture	4,595	4,513	4,541	4,671	4,721	4,815	4,817	4,864	4,826	4,849	4,791	4,637	4,791
Nonagricultural industries	66,709	66,771	66,463	66,084	65,658	65,650	65,641	65,632	65,519	65,790	65,695	65,175	65,051
Unemployed	3,747	3,630	3,702	3,654	3,880	3,815	3,797	3,692	3,960	3,838	4,021	3,986	3,977

Table A-25: Seasonally adjusted rates of unemployment

Selected unemployment rates	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964
Total (all civilian workers)	5.0	4.8	5.0	4.9	5.2	5.1	5.1	5.0	5.3	5.2	5.4	5.4	5.4
Men, 20 years and over	3.6	3.5	3.5	3.5	4.0	3.8	3.7	3.8	4.0	3.7	3.9	4.0	4.1
20-24 years	6.9	7.1	6.8	7.5	9.1	8.6	8.1	7.9	8.5	7.6	7.7	7.7	8.8
25 years and over	3.2	3.1	3.1	3.0	3.4	3.2	3.2	3.2	3.4	3.2	3.4	3.5	3.6
Women, 20 years and over	5.1	4.5	4.7	5.0	5.1	5.0	5.0	5.0	5.1	5.1	5.4	5.6	5.5
Both sexes, 14-19 years	14.4	15.2	15.7	14.3	14.3	14.3	15.0	13.2	15.2	15.4	15.8	14.6	14.1
Married men (wife present)	2.6	2.7	2.6	2.4	2.9	2.8	2.6	2.7	2.8	2.6	2.8	2.9	3.0
Experienced wage and salary workers	4.6	4.5	4.5	4.7	5.0	4.9	4.9	4.8	5.3	4.9	5.1	5.2	5.2
Labor force time lost	5.4	5.3	5.3	5.2	5.7	5.7	5.7	5.7	6.1	5.7	5.9	5.9	6.0

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

(In thousands)

Duration of unemployment	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964
Less than 5 weeks	1,752	1,663	1,719	1,593	1,817	1,806	1,824	1,615	1,859	1,857	1,904	1,843	1,749
5 to 14 weeks	1,037	1,032	1,055	1,066	1,129	1,094	1,126	1,127	1,117	1,112	1,193	1,078	1,173
15 weeks and over:													
Number	905	823	889	932	933	924	910	962	1,066	938	952	1,038	1,003
Percent of civilian labor force	1.2	1.1	1.2	1.3	1.3	1.2	1.2	1.3	1.4	1.3	1.3	1.4	1.4

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

(In thousands)

Employment status, age and sex	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964
Civilian labor force	75,051	74,914	74,706	74,409	74,259	74,280	74,255	74,188	74,305	74,477	74,507	73,798	73,819
Men, 20 years and over	45,038	44,930	44,687	44,593	44,642	44,617	44,644	44,688	44,587	44,665	44,617	44,395	44,478
Women, 20 years and over	23,501	23,489	23,375	23,159	23,110	23,058	23,107	23,005	23,182	23,194	23,322	22,903	22,949
Both sexes, 14 to 19 years	6,512	6,495	6,644	6,657	6,507	6,605	6,504	6,495	6,536	6,618	6,568	6,500	6,392
Employed, all industries	71,304	71,284	71,004	70,755	70,379	70,465	70,458	70,496	70,345	70,639	70,486	69,812	69,842
Men, 20 years and over	43,418	43,345	43,125	43,050	42,862	42,901	42,976	43,008	42,811	43,028	42,891	42,633	42,673
Women, 20 years and over	22,314	22,434	22,277	22,000	21,942	21,904	21,953	21,852	21,990	22,013	22,067	21,631	21,676
Both sexes, 14 to 19 years	5,572	5,505	5,602	5,705	5,575	5,660	5,529	5,636	5,544	5,598	5,528	5,548	5,493
Employed, nonagricultural industries	66,709	66,771	66,463	66,084	65,658	65,650	65,641	65,632	65,519	65,790	65,695	65,175	65,051
Men, 20 years and over	40,182	40,159	39,954	39,818	39,540	39,542	39,608	39,632	39,439	39,711	39,617	39,473	39,372
Women, 20 years and over	21,553	21,674	21,502	21,230	21,224	21,161	21,190	21,082	21,253	21,226	21,273	20,919	20,896
Both sexes, 14 to 19 years	4,974	4,938	5,007	5,036	4,894	4,947	4,843	4,918	4,827	4,853	4,805	4,783	4,783
Unemployed	3,747	3,630	3,702	3,654	3,880	3,815	3,797	3,692	3,960	3,838	4,021	3,986	3,977
Men, 20 years and over	1,620	1,585	1,562	1,543	1,780	1,716	1,668	1,680	1,776	1,637	1,726	1,762	1,805
Women, 20 years and over	1,187	1,055	1,098	1,159	1,168	1,154	1,154	1,153	1,192	1,181	1,255	1,272	1,273
Both sexes, 14 to 19 years	940	990	1,042	952	932	945	975	859	992	1,020	1,040	952	899

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

(In thousands)

Full- or part-time status	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964
On full-time schedules	54,147	54,175	53,682	53,303	52,495	52,789	53,033	53,161	52,554	52,749	52,883	52,768	52,658
On part time for economic reasons	1,997	2,128	2,132	1,949	2,098	2,108	2,077	2,154	2,262	2,149	2,167	2,132	2,241
Usually work full time	952	1,000	1,044	897	961	953	900	981	1,114	945	999	994	1,064
Usually work part time	1,045	1,128	1,088	1,052	1,137	1,155	1,177	1,173	1,148	1,204	1,168	1,138	1,177
On part time for noneconomic reasons; usually work part time	7,138	7,338	7,351	7,178	7,332	6,899	7,344	7,505	7,487	7,433	7,404	7,119	7,063

ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

Table B-1: Employees on nonagricultural payrolls, by industry division
1919 to date
(In thousands)

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government			
						Total	Wholesale trade	Retail trade			Total	Federal	State and local	
1919.....	27,088	1,133	1,021	10,659	3,711	4,514	-	-	1,111	2,263	2,676	-	-	
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-	
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,412	2,528	-	-	
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-	
1923.....	28,394	1,212	1,229	10,300	3,882	5,290	-	-	1,190	2,684	2,607	-	-	
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-	
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-	
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-	
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-	
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-	
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532	
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622	
1931.....	26,649	873	1,214	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704	
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666	
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601	
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647	
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728	
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842	
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923	
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054	
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090	
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206	
1941.....	36,554	957	1,790	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320	
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270	
1943.....	42,452	925	1,567	17,602	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174	
1944.....	41,883	892	1,094	17,328	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116	
1945.....	40,394	836	1,152	15,524	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137	
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341	
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582	
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787	
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948	
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098	
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087	
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188	
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340	
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563	
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727	
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069	
1957.....	52,894	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399	
1958.....	51,368	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,811	7,839	2,191	5,648	
1959.....	53,297	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,115	8,083	2,233	5,850	
1960.....	54,203	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,392	8,353	2,270	6,083	
1961.....	53,989	672	2,816	16,326	3,903	11,337	2,993	8,344	2,731	7,610	8,594	2,279	6,315	
1962.....	55,515	690	2,902	16,853	3,906	11,566	3,056	8,511	2,800	7,947	8,890	2,340	6,590	
1963.....	56,643	635	2,983	17,005	3,914	11,803	3,119	8,685	2,873	8,230	9,199	2,358	6,841	
1964.....	58,188	635	3,106	17,303	3,976	12,188	3,220	8,969	2,944	8,533	9,502	2,348	7,155	
1964:														
February..	56,445	614	2,631	16,937	3,880	11,772	3,156	8,616	2,891	8,277	9,443	2,321	7,122	
March....	56,783	615	2,707	17,005	3,885	11,862	3,156	8,706	2,901	8,328	9,480	2,323	7,157	
April....	57,329	627	2,921	17,058	3,924	11,919	3,161	8,758	2,919	8,453	9,508	2,334	7,174	
May.....	57,874	634	3,130	17,135	3,952	12,031	3,170	8,861	2,931	8,548	9,513	2,332	7,181	
June.....	58,596	651	3,308	17,350	4,005	12,180	3,211	8,969	2,964	8,654	9,484	2,344	7,140	
July.....	58,418	646	3,424	17,299	4,031	12,173	3,245	8,928	2,998	8,698	9,149	2,355	6,794	
August...	58,680	647	3,482	17,498	4,043	12,201	3,266	8,935	2,998	8,676	9,135	2,356	6,779	
September	59,258	645	3,391	17,792	4,045	12,243	3,258	8,985	2,972	8,661	9,509	2,320	7,189	
October..	59,164	644	3,376	17,428	4,028	12,341	3,269	9,072	2,961	8,676	9,710	2,329	7,381	
November.	59,441	643	3,273	17,638	4,013	12,518	3,272	9,246	2,958	8,608	9,790	2,352	7,438	
December.	59,938	635	3,053	17,601	4,024	13,166	3,298	9,868	2,957	8,585	9,917	2,482	7,435	
1965:														
January..	58,265	619	2,833	17,457	3,878	12,286	3,256	9,030	2,947	8,513	9,732	2,323	7,409	
February.	58,289	615	2,730	17,524	3,924	12,195	3,241	8,954	2,957	8,551	9,793	2,321	7,472	

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				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
TOTAL	58,289	58,265	59,938	56,328	58,188	-	-	-	-	-
MINING	615	619	635	618	635	-	484	498	481	498
METAL MINING	-	84.4	84.0	79.8	81.8	-	70.4	70.2	66.3	67.9
Iron ores	-	27.4	26.7	24.5	26.9	-	23.2	22.6	20.7	22.9
Copper ores	-	29.3	29.2	28.0	27.0	-	24.1	24.1	23.1	22.0
COAL MINING	-	145.3	145.7	148.5	144.4	-	126.2	128.5	130.8	127.1
Bituminous	-	132.7	134.7	137.3	133.3	-	116.7	118.7	120.9	117.3
CRUDE PETROLEUM AND NATURAL GAS	-	281.6	287.3	285.1	288.6	-	197.6	202.4	200.0	203.1
Crude petroleum and natural gas fields	-	156.3	158.2	161.4	161.5	-	88.2	89.7	92.7	92.3
Oil and gas field services	-	125.3	129.1	123.7	127.1	-	109.4	112.7	107.3	110.8
QUARRYING AND NONMETALLIC MINING	-	109.5	117.6	104.7	120.0	-	89.5	97.2	84.1	99.4
CONTRACT CONSTRUCTION	2,730	2,833	3,053	2,579	3,106	-	2,372	2,591	2,134	2,649
GENERAL BUILDING CONTRACTORS	-	911.7	979.0	806.4	974.8	-	770.4	838.4	673.5	838.4
HEAVY CONSTRUCTION	-	463.3	540.5	434.1	608.9	-	387.0	461.1	355.9	528.0
Highway and street construction	-	210.0	260.6	190.7	317.3	-	177.7	226.5	157.7	283.0
Other heavy construction	-	253.3	279.9	243.4	291.7	-	209.3	234.6	198.2	245.1
SPECIAL TRADE CONTRACTORS	-	1,457.8	1,533.7	1,338.0	1,522.4	-	1,214.4	1,291.3	1,104.5	1,282.3
MANUFACTURING	17,524	17,457	17,601	16,893	17,303	13,003	12,946	13,082	12,435	12,908
DURABLE GOODS	10,092	10,041	10,093	9,626	9,848	7,465	7,420	7,471	7,029	7,238
NONDURABLE GOODS	7,432	7,416	7,508	7,267	7,455	5,538	5,526	5,611	5,406	5,570
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	244.1	243.8	243.8	275.8	257.5	101.7	101.3	101.6	115.9	106.6
Ammunition, except for small arms	185.7	184.9	184.7	207.9	195.3	65.9	65.2	65.4	73.9	68.2
Sighting and fire control equipment	-	11.8	11.8	15.6	13.1	-	4.9	4.9	6.6	5.5
Other ordnance and accessories	46.9	47.1	47.3	52.3	49.1	31.1	31.2	31.3	35.4	32.9
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	564.5	562.5	584.4	565.5	596.5	501.8	499.4	521.2	503.5	533.3
Logging camps and logging contractors	71.7	72.1	82.4	77.7	86.6	65.9	66.2	77.0	72.6	81.3
Sawmills and planing mills	244.9	241.8	250.0	242.2	255.5	223.8	220.5	228.4	220.2	233.4
Sawmills and planing mills, general	-	205.9	214.0	207.0	219.8	-	187.8	195.7	188.1	200.7
Millwork, plywood, and related products	146.5	147.7	150.8	149.2	153.3	123.5	124.4	127.2	126.0	129.8
Millwork	-	65.8	66.2	67.8	68.8	-	53.0	53.4	54.7	55.8
Veneer and plywood	-	67.5	68.9	67.6	68.4	-	62.1	63.4	62.4	63.0
Wooden containers	35.4	35.2	35.8	34.6	36.3	31.5	31.5	32.1	31.2	32.8
Wooden boxes, shooks, and crates	-	27.0	27.6	26.6	28.0	-	24.0	24.7	24.0	25.3
Miscellaneous wood products	66.0	65.7	65.4	61.8	64.8	57.1	56.8	56.5	53.5	56.1

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

ESTABLISHMENT DATA
EMPLOYMENT

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Durable Goods--Continued</i>										
FURNITURE AND FIXTURES	411.7	411.2	413.5	388.5	402.0	341.7	341.7	344.5	322.2	334.5
Household furniture	303.2	302.2	304.1	283.0	293.9	259.4	258.8	261.3	241.7	252.1
Wood house furniture, unupholstered	-	158.7	160.1	147.2	152.7	-	141.9	143.4	130.9	136.3
Wood house furniture, upholstered	-	75.8	76.6	71.5	73.2	-	63.2	64.3	59.9	61.3
Mattresses and bedsprings	-	34.7	34.4	33.1	34.2	-	27.1	26.9	25.7	26.9
Office furniture	-	27.1	27.5	26.9	26.9	-	21.2	21.6	21.1	21.0
Partitions; office and store fixtures	-	37.6	37.3	35.7	37.4	-	27.6	27.2	26.3	27.6
Other furniture and fixtures	44.1	44.3	44.6	42.9	43.9	33.8	34.1	34.4	33.1	33.9
STONE, CLAY, AND GLASS PRODUCTS	588.8	590.8	607.2	577.6	615.7	470.9	473.3	489.0	460.9	496.4
Flat glass	-	33.5	33.9	32.2	32.6	-	27.1	27.4	26.1	26.3
Glass and glassware, pressed or blown	113.6	112.5	112.8	106.1	113.7	99.2	98.0	98.3	91.8	99.2
Glass containers	-	60.9	61.0	59.0	62.7	-	53.6	53.6	51.8	55.4
Pressed and blown glassware, n.e.c.	-	51.6	51.8	47.1	51.0	-	44.4	44.7	40.0	43.8
Cement, hydraulic	36.5	36.4	38.7	36.0	38.7	28.1	28.1	30.1	27.9	30.3
Structural clay products	64.4	65.2	67.5	64.5	68.0	54.2	54.9	57.2	54.1	57.7
Brick and structural clay tile	-	27.8	29.4	27.8	29.9	-	24.3	25.9	24.4	26.4
Pottery and related products	-	40.9	41.1	43.2	42.8	-	34.5	34.5	36.7	36.2
Concrete, gypsum, and plaster products	155.2	155.8	164.8	154.1	172.3	119.0	119.9	128.5	117.5	134.9
Other stone and mineral products	126.0	126.1	127.9	122.2	127.0	94.1	94.4	96.4	91.0	95.1
Abrasive products	-	24.4	24.3	23.4	24.0	-	15.8	15.8	14.6	15.2
PRIMARY METAL INDUSTRIES	1,276.0	1,266.9	1,262.1	1,173.8	1,226.5	1,044.5	1,036.3	1031.9	949.8	998.2
Blast furnace and basic steel products	657.0	651.6	648.4	582.0	624.9	541.7	536.8	533.9	472.3	512.0
Blast furnaces, steel and rolling mills	-	578.3	575.9	513.1	553.5	-	478.7	476.6	418.4	455.8
Iron and steel foundries	221.4	220.2	219.0	204.3	211.7	190.3	189.0	188.2	174.8	181.5
Gray iron foundries	-	131.1	130.8	122.1	125.8	-	113.5	113.3	105.5	108.6
Malleable iron foundries	-	26.3	26.3	23.8	25.2	-	22.4	22.6	20.2	21.5
Steel foundries	-	62.8	61.9	58.4	60.8	-	53.1	52.3	49.1	51.4
Nonferrous smelting and refining	71.6	71.6	71.5	70.0	70.3	55.4	55.4	55.5	53.9	54.2
Nonferrous rolling, drawing, and extruding	187.9	186.8	187.0	186.0	186.0	143.8	143.0	142.7	141.9	141.5
Copper rolling, drawing, and extruding	-	46.2	46.1	47.1	46.9	-	35.7	35.4	36.2	35.9
Aluminum rolling, drawing, and extruding	-	60.4	60.8	60.9	60.6	-	46.1	46.3	46.3	46.0
Nonferrous wire drawing and insulating	-	61.8	61.8	60.1	60.2	-	48.3	48.2	46.9	46.9
Nonferrous foundries	76.1	75.4	75.4	72.7	74.1	63.4	63.0	62.7	60.3	61.6
Aluminum castings	-	37.1	36.8	36.4	37.0	-	31.4	31.1	30.7	31.2
Other nonferrous castings	-	38.3	38.6	36.3	37.1	-	31.6	31.6	29.6	30.3
Miscellaneous primary metal industries	62.0	61.3	60.8	58.8	59.5	49.9	49.1	48.9	46.6	47.5
Iron and steel forgings	-	42.4	42.2	41.3	41.4	-	34.6	34.5	33.1	33.5
FABRICATED METAL PRODUCTS	1,237.3	1,228.8	1,233.5	1,162.6	1,196.7	957.1	949.2	954.0	891.2	920.5
Metal cans	62.7	60.5	59.0	58.2	61.4	53.0	50.9	49.5	48.5	51.7
Cutlery, hand tools, and general hardware	154.6	153.6	154.3	144.5	145.1	122.8	121.8	122.4	114.4	114.0
Cutlery and hand tools, including saws	-	57.8	57.8	55.1	55.4	-	45.6	45.5	43.5	43.5
Hardware, n.e.c.	-	95.8	96.5	89.4	89.7	-	76.2	76.9	70.9	70.6
Heating equipment and plumbing fixtures	77.9	77.1	78.1	78.2	79.4	58.5	57.8	58.5	58.9	59.8
Sanitary ware and plumbers' brass goods	-	35.3	35.4	34.5	35.4	-	28.7	28.8	28.0	28.8
Heating equipment, except electric	-	41.8	42.7	43.7	44.0	-	29.1	29.7	30.9	31.1
Fabricated structural metal products	355.7	356.8	362.7	333.6	353.6	254.2	254.7	260.0	234.2	252.2
Fabricated structural steel	-	97.9	99.5	91.8	98.1	-	71.8	73.3	67.2	72.6
Metal doors, sash, frames, and trim	-	63.1	66.4	61.0	65.7	-	44.6	47.4	43.3	47.1
Fabricated plate work (boiler shops)	-	93.5	93.2	86.8	89.8	-	63.7	63.4	56.2	59.8
Sheet metal work	-	62.7	63.7	58.1	61.7	-	46.4	47.4	42.3	45.5
Architectural and miscellaneous metal work	-	39.6	39.9	35.9	38.2	-	28.2	28.5	25.2	27.2
Screw machine products, bolts, etc.	94.0	92.8	92.6	90.0	91.2	73.8	73.1	72.7	70.4	71.5
Screw machine products	-	40.6	40.3	38.8	39.0	-	34.4	34.1	32.4	32.7
Bolts, nuts, screws, rivets, and washers	-	52.2	52.3	51.2	52.2	-	38.7	38.6	38.0	38.8
Metal stampings	220.7	219.2	219.2	202.8	203.1	180.7	179.6	180.0	164.9	164.8
Coating, engraving, and allied services	76.2	75.3	74.7	71.9	74.5	64.0	62.9	63.1	60.2	62.7
Miscellaneous fabricated wire products	60.8	60.6	60.8	56.5	58.4	49.0	48.9	49.0	45.3	47.0
Miscellaneous fabricated metal products	134.7	132.9	132.1	126.9	130.0	101.1	99.5	98.8	94.4	96.8
Valves, pipe, and pipe fittings	-	78.7	77.9	75.1	76.8	-	57.0	56.4	53.9	55.3

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

**ESTABLISHMENT DATA
EMPLOYMENT**

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Durable Goods--Continued</i>										
MACHINERY	1,678.9	1,667.0	1,658.1	1,567.7	1,612.2	1,176.5	1,165.6	1,159.3	1,089.1	1,121.4
Engines and turbines	86.8	88.2	87.5	84.8	86.0	58.9	60.0	59.1	56.2	57.6
Steam engines and turbines	-	32.2	32.5	33.8	32.8	-	18.2	18.3	19.0	18.3
Internal combustion engines, n.e.c.	-	56.0	55.0	51.0	53.2	-	41.8	40.8	37.2	39.3
Farm machinery and equipment	-	129.6	126.5	122.5	124.2	-	95.3	92.2	90.1	90.4
Construction and related machinery	241.5	240.0	239.5	224.2	231.0	166.7	165.3	164.5	151.4	157.1
Construction and mining machinery	-	131.6	131.4	123.6	126.8	-	94.1	93.6	86.6	89.3
Oil field machinery and equipment	-	36.1	36.0	33.2	34.8	-	24.5	24.4	22.0	23.5
Conveyors, hoists, and industrial cranes	-	34.2	33.8	31.8	32.7	-	22.7	22.3	21.0	21.6
Metalworking machinery and equipment	299.7	299.0	296.6	278.3	287.7	225.6	225.3	223.6	209.4	216.1
Machine tools, metal cutting types	-	74.2	74.0	67.2	70.6	-	51.8	51.8	46.8	49.1
Special dies, tools, jigs, and fixtures	-	102.4	101.5	98.1	99.5	-	84.6	83.7	80.8	81.8
Machine tool accessories	-	50.6	49.8	47.0	48.6	-	37.2	36.5	34.2	35.4
Miscellaneous metalworking machinery	-	71.8	71.3	66.0	69.0	-	51.7	51.6	47.6	49.8
Special industry machinery	180.4	179.7	178.6	171.2	175.0	125.3	124.1	123.4	117.5	120.2
Food products machinery	-	36.9	36.6	36.0	36.3	-	23.8	23.7	23.4	23.4
Textile machinery	-	40.7	40.4	38.3	38.9	-	31.7	31.4	29.4	29.9
General industrial machinery	256.9	254.8	256.9	241.3	250.0	172.8	170.8	173.0	160.2	167.1
Pumps; air and gas compressors	-	72.0	72.5	68.2	70.1	-	41.4	41.9	38.5	39.9
Ball and roller bearings	-	54.4	56.6	53.5	55.6	-	42.9	44.7	41.6	43.7
Mechanical power transmission goods	-	50.1	49.8	45.9	48.1	-	37.4	37.3	33.8	35.7
Office, computing, and accounting machines	174.5	173.6	172.6	164.0	166.5	100.3	99.6	99.6	95.4	96.1
Computing machines and cash registers	-	128.9	128.1	120.7	122.8	-	69.3	69.2	65.6	66.3
Service industry machines	108.2	106.7	106.5	101.9	104.6	74.9	73.7	73.8	69.7	71.9
Refrigeration, except home refrigerators	-	66.5	66.3	63.4	65.1	-	46.0	46.0	43.5	44.9
Miscellaneous machinery	195.6	195.4	193.4	179.5	187.2	151.9	151.5	150.1	139.2	144.9
Machine shops, jobbing and repair	-	-	128.0	119.9	124.4	-	-	101.2	94.5	98.2
Machine parts, n.e.c., except electrical	-	-	65.4	59.6	62.9	-	-	48.9	44.7	46.7
ELECTRICAL EQUIPMENT AND SUPPLIES	1,601.8	1,599.9	1,602.3	1,541.6	1,549.1	1,089.2	1,089.0	1,091.9	1,027.6	1,040.1
Electric distribution equipment	176.4	176.8	176.8	169.3	172.4	118.8	119.4	119.3	111.9	115.1
Electric measuring instruments	-	57.9	57.7	56.7	56.9	-	37.9	37.7	36.8	36.9
Power and distribution transformers	-	45.8	45.8	43.1	44.3	-	32.2	32.1	29.6	31.0
Switchgear and switchboard apparatus	-	73.1	73.3	69.5	71.2	-	49.3	49.5	45.5	47.3
Electrical industrial apparatus	193.7	193.2	192.0	179.4	184.7	134.4	134.5	133.6	122.8	127.2
Motors and generators	-	105.2	104.5	98.6	100.5	-	74.4	73.9	68.7	70.3
Industrial controls	-	52.5	52.0	48.4	49.8	-	34.4	34.1	31.6	32.6
Household appliances	161.7	160.7	162.0	157.5	158.1	125.8	125.1	126.3	119.9	122.1
Household refrigerators and freezers	-	53.9	53.2	51.2	50.8	-	44.2	43.4	40.1	40.6
Household laundry equipment	-	25.2	26.3	24.9	25.0	-	19.2	20.4	19.1	19.1
Electric housewares and fans	-	35.0	35.4	33.3	34.5	-	26.9	27.5	24.6	26.4
Electric lighting and wiring equipment	161.0	160.1	160.6	151.1	154.8	125.9	125.3	125.7	117.7	120.8
Electric lamps	-	31.1	31.2	30.3	30.6	-	27.3	27.4	26.4	26.7
Lighting fixtures	-	57.4	57.5	52.3	55.0	-	44.4	44.5	40.5	42.6
Wiring devices	-	71.6	71.9	68.5	69.3	-	53.6	53.8	50.8	51.5
Radio and TV receiving sets	118.6	120.6	122.4	109.9	114.6	92.4	94.4	96.4	83.9	88.6
Communication equipment	413.8	411.6	410.9	416.2	405.8	210.0	208.2	208.0	207.1	201.7
Telephone and telegraph apparatus	-	120.0	118.3	104.1	110.8	-	82.8	81.2	69.2	74.3
Radio and TV communication equipment	-	291.6	292.6	312.1	295.0	-	125.4	126.8	137.9	127.4
Electronic components and accessories	280.6	279.9	278.1	259.7	264.2	209.1	208.4	206.3	190.0	193.4
Electron tubes	-	68.8	68.3	65.6	66.0	-	46.8	46.4	43.2	43.8
Electronic components, n.e.c.	-	211.1	209.8	194.1	198.2	-	161.6	159.9	146.8	149.5
Miscellaneous electrical equipment and supplies	96.0	97.0	99.5	98.5	94.4	72.8	73.7	76.3	74.3	71.2
Electrical equipment for engines	-	55.5	55.4	55.1	51.9	-	43.2	43.0	41.6	39.3
TRANSPORTATION EQUIPMENT	1,712.7	1,707.5	1,706.1	1,640.5	1,622.6	1,224.0	1,218.9	1,215.2	1,149.0	1,133.3
Motor vehicles and equipment	(*)	850.8	848.0	783.9	771.1	(*)	669.4	665.5	611.0	593.2
Motor vehicles	-	356.8	353.3	320.2	313.5	-	269.3	265.8	237.6	228.6
Passenger car bodies	-	70.6	71.0	64.4	58.2	-	58.4	58.8	52.9	46.3
Truck and bus bodies	-	34.1	33.6	32.9	33.8	-	27.6	27.1	26.7	27.4
Motor vehicle parts and accessories	-	366.2	366.6	345.9	343.3	-	296.4	295.5	278.7	274.1
Aircraft and parts	595.0	598.2	598.5	629.2	605.5	334.4	336.3	336.5	352.7	338.4
Aircraft	-	311.9	311.3	332.1	317.8	-	170.4	170.0	183.0	175.0
Aircraft engines and engine parts	-	187.4	188.0	196.5	189.0	-	100.5	100.2	103.9	99.1
Other aircraft parts and equipment	-	98.9	99.2	100.6	98.7	-	65.4	66.3	65.8	64.3
Ship and boat building and repairing	157.6	155.5	152.9	135.9	143.8	133.0	131.5	127.8	113.3	120.1
Ship building and repairing	-	128.4	126.6	109.6	118.0	-	109.0	105.9	91.5	98.8
Boat building and repairing	-	27.1	26.3	26.3	25.8	-	22.5	21.9	21.8	21.3
Railroad equipment	-	57.5	56.5	49.1	53.0	-	45.2	44.2	37.7	41.1
Other transportation equipment	-	45.5	50.2	42.4	49.2	-	36.5	41.2	34.3	40.6

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

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Durable Goods--Continued</i>										
INSTRUMENTS AND RELATED PRODUCTS	374.2	372.8	374.5	366.4	369.0	238.8	237.4	238.1	231.4	233.6
Engineering and scientific instruments	-	67.1	66.9	71.4	68.1	-	34.5	34.6	37.2	35.2
Mechanical measuring and control devices	98.1	97.9	98.0	95.3	96.1	64.2	64.3	64.3	61.9	62.8
Mechanical measuring devices	-	60.2	60.4	59.3	59.6	-	37.5	37.7	37.1	37.3
Automatic temperature controls	-	37.7	37.6	36.0	36.6	-	26.8	26.6	24.8	25.6
Optical and ophthalmic goods	47.1	46.9	46.5	43.2	45.0	33.6	33.5	33.0	30.6	32.1
Surgical, medical, and dental equipment	55.9	55.7	55.9	53.2	54.6	38.9	38.6	38.6	36.8	37.7
Photographic equipment and supplies	(*)	76.6	78.3	74.6	76.5	(*)	43.7	44.6	41.9	43.0
Watches and clocks	-	28.6	28.9	28.7	28.6	-	22.8	23.0	23.0	22.8
MISCELLANEOUS MANUFACTURING INDUSTRIES	402.4	390.0	407.1	366.0	400.1	318.8	307.7	324.7	288.8	320.5
Jewelry, silverware, and plated ware	45.7	45.3	46.8	42.8	44.9	35.9	35.4	37.0	33.1	35.2
Toys, amusement, and sporting goods	-	98.0	109.6	85.7	108.5	-	78.5	90.3	67.5	90.1
Toys, games, dolls, and play vehicles	-	59.4	70.6	47.8	69.0	-	47.8	59.2	37.4	58.6
Sporting and athletic goods, n.e.c.	-	38.6	39.0	37.9	39.5	-	30.7	31.1	30.1	31.6
Pens, pencils, office, and art materials	-	31.8	32.5	31.2	31.8	-	23.5	24.1	23.2	23.6
Costume jewelry, buttons, and notions	-	52.6	55.1	51.4	54.2	-	43.4	45.7	42.2	44.9
Other manufacturing industries	163.9	162.3	163.1	154.9	160.6	128.0	126.9	127.6	122.8	126.6
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	1,637.3	1,664.6	1,716.8	1,666.3	1,730.3	1,054.6	1,082.7	1,130.8	1,087.5	1,143.9
Meat products	302.7	309.7	318.2	308.6	312.2	239.1	246.1	255.1	247.5	249.8
Meat packing	-	198.1	198.9	196.7	196.5	-	153.5	155.1	154.5	153.1
Sausages and other prepared meats	-	45.8	46.3	45.4	45.7	-	32.9	33.3	32.7	32.8
Poultry dressing and packing	-	65.8	73.0	66.5	70.1	-	59.7	66.7	60.3	63.8
Dairy products	278.3	278.5	279.2	281.9	287.2	130.3	130.8	131.6	135.0	138.0
Ice cream and frozen desserts	-	28.0	28.6	28.8	31.2	-	14.6	15.2	14.5	16.7
Fluid milk	-	201.5	201.6	204.3	205.5	-	79.1	79.3	83.1	82.6
Canned and preserved food, except meats	-	199.2	216.9	193.2	243.1	-	160.8	178.2	155.4	204.3
Canned, cured, and frozen sea foods	-	40.6	41.0	37.8	41.5	-	35.2	35.6	32.6	36.4
Canned food, except sea foods	-	93.6	104.0	89.5	128.5	-	71.5	81.9	67.8	106.3
Frozen food, except sea foods	-	39.1	43.3	39.5	43.4	-	34.5	38.4	34.8	38.4
Grain mill products	121.6	122.9	123.3	127.4	127.0	83.4	84.8	85.8	88.5	88.7
Flour and other grain mill products	-	31.7	31.3	33.5	32.3	-	21.3	21.5	22.6	21.8
Prepared feeds for animals and fowls	-	53.7	54.2	55.6	56.8	-	35.4	36.0	37.1	38.5
Bakery products	280.9	281.6	288.7	284.1	288.3	160.8	161.3	165.8	161.8	165.7
Bread, cake, and perishable products	-	238.7	246.8	241.5	245.1	-	125.8	131.2	126.7	130.1
Biscuit, crackers, and pretzels	-	42.9	41.9	42.6	43.1	-	35.5	34.6	35.1	35.7
Sugar	-	42.8	49.3	45.5	39.0	-	35.8	41.9	38.2	31.7
Confectionery and related products	75.9	77.4	80.7	75.1	74.9	61.0	62.5	65.4	60.4	60.3
Candy and other confectionery products	-	63.8	67.0	60.5	60.5	-	52.9	55.6	49.6	49.8
Beverages	211.1	212.9	217.0	209.1	217.2	106.5	108.7	112.1	106.9	112.4
Malt liquors	-	60.3	60.6	62.1	62.1	-	39.8	40.3	41.0	41.3
Bottled and canned soft drinks	-	113.8	115.1	109.8	115.4	-	41.9	42.4	40.8	43.2
Miscellaneous food and kindred products	138.7	139.6	143.5	141.4	141.4	90.6	91.9	94.9	93.8	93.1
TOBACCO MANUFACTURES	85.1	84.8	91.6	86.9	87.5	73.7	73.4	80.1	75.1	76.0
Cigarettes	-	37.6	37.9	37.8	37.6	-	31.3	31.6	31.7	31.4
Cigars	-	22.6	25.0	22.2	24.7	-	21.1	23.5	20.5	23.2
TEXTILE MILL PRODUCTS	906.0	900.6	905.6	879.7	897.2	809.3	804.0	809.2	787.3	802.5
Cotton broad woven fabrics	231.0	230.7	231.6	228.7	229.5	212.8	212.4	213.2	211.5	211.5
Silk and synthetic broad woven fabrics	86.9	87.6	87.9	86.7	87.1	78.5	79.0	79.2	78.5	78.6
Weaving and finishing broad woollens	45.5	44.7	44.7	47.8	47.1	39.7	39.1	39.0	41.9	41.2
Narrow fabrics and small wares	29.9	30.0	30.0	28.1	28.9	26.5	26.5	26.5	24.8	25.5
Knitting	221.2	216.1	218.8	205.1	218.0	197.6	192.8	195.9	183.2	195.4
Full-fashioned hosiery	-	13.5	13.3	12.2	12.8	-	11.9	11.8	10.8	11.3
Seamless hosiery	-	83.5	84.3	82.1	83.0	-	76.8	77.7	75.8	76.5
Knit outerwear	-	63.8	65.8	57.5	66.5	-	54.8	57.0	49.3	58.1
Knit underwear	-	32.2	32.3	31.3	32.0	-	29.3	29.3	28.3	29.0
Finishing textiles, except wool and knit	77.8	77.3	77.6	75.9	76.7	66.6	66.1	66.6	65.3	65.9
Floor covering	-	38.3	38.9	37.0	37.4	-	31.6	32.3	30.6	30.9
Yarn and thread	107.9	108.3	108.2	103.7	105.8	100.0	100.3	100.1	95.7	97.8
Miscellaneous textile goods	67.7	67.6	67.9	66.7	66.9	56.1	56.2	56.4	55.8	55.7

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				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Nondurable Goods--Continued</i>										
APPAREL AND RELATED PRODUCTS	1,346.5	1,319.6	1,327.9	1,264.2	1,309.8	1,199.1	1,173.4	1,181.4	1,120.6	1,163.9
Men's and boys' suits and coats	115.7	115.7	116.0	112.6	112.8	103.7	103.7	103.6	100.9	100.9
Men's and boys' furnishings	348.0	343.4	343.0	320.0	335.6	315.6	311.3	311.1	289.7	304.5
Men's and boys' shirts and nightwear	-	124.6	124.7	118.7	122.5	-	112.8	113.0	107.1	111.0
Men's and boys' separate trousers	-	67.6	66.4	64.5	65.6	-	63.7	62.6	60.9	61.8
Work clothing	-	79.8	79.0	73.5	77.3	-	71.5	70.7	65.8	69.2
Women's, misses', and juniors' outerwear	411.1	397.9	394.9	388.4	397.9	369.9	357.1	354.5	346.1	356.0
Women's blouses, waists, and shirts	-	50.1	51.8	47.5	51.0	-	45.9	47.7	43.2	46.8
Women's, misses', and juniors' dresses	-	189.9	185.2	188.0	192.7	-	170.4	165.6	167.4	172.3
Women's suits, skirts, and coats	-	86.5	86.9	85.5	85.9	-	77.5	78.0	76.2	76.7
Women's and misses' outerwear, n.e.c.	-	71.4	71.0	67.4	68.3	-	63.3	63.2	59.3	60.2
Women's and children's undergarments	118.9	117.5	122.0	115.4	119.5	104.5	103.5	107.5	101.9	105.8
Women's and children's underwear	-	75.4	78.8	74.5	78.4	-	68.4	71.6	67.9	71.6
Corsets and allied garments	-	42.1	43.2	40.9	41.2	-	35.1	35.9	34.0	34.2
Hats, caps, and millinery	-	33.5	32.7	32.9	32.1	-	29.9	29.2	29.5	28.5
Girls' and children's outerwear	80.5	78.4	76.5	76.4	77.8	72.2	70.1	68.1	68.4	69.6
Children's dresses, blouses, and shirts	-	34.7	34.3	34.8	35.2	-	31.3	31.0	31.3	31.7
Fur goods and miscellaneous apparel	-	73.1	77.2	67.8	74.9	-	63.2	67.4	58.3	65.2
Miscellaneous fabricated textile products	161.8	160.1	165.6	150.7	159.1	136.1	134.6	140.0	125.8	133.4
Housefurnishings	-	56.3	59.8	53.6	57.3	-	47.7	51.0	44.9	48.3
PAPER AND ALLIED PRODUCTS	628.7	630.1	635.3	619.6	630.4	489.2	490.7	495.6	484.2	492.8
Paper and pulp	213.1	213.4	214.6	216.1	217.7	168.8	169.0	170.3	172.8	173.6
Paperboard	66.2	66.2	66.4	65.8	66.2	52.1	52.2	52.5	51.9	52.6
Converted paper and paperboard products	152.8	153.2	154.7	148.5	152.6	112.0	112.3	114.0	109.4	112.5
Bags, except textile bags	-	35.8	36.1	35.4	35.6	-	28.5	29.0	28.5	28.5
Paperboard containers and boxes	196.6	197.3	199.6	189.2	194.0	156.3	157.2	158.8	150.1	154.1
Folding and setup paperboard boxes	-	66.5	68.4	63.7	65.4	-	54.7	56.5	52.4	53.7
Corrugated and solid fiber boxes	-	86.0	86.5	81.4	83.8	-	66.5	66.6	62.5	64.6
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	963.3	960.4	968.5	938.8	951.9	609.5	608.0	615.1	592.6	603.0
Newspaper publishing and printing	342.3	341.2	344.8	334.5	338.2	173.3	172.7	175.9	168.3	171.1
Periodical publishing and printing	-	68.3	68.6	68.3	67.8	-	25.1	25.4	26.3	25.7
Books	-	76.5	75.6	73.9	74.7	-	47.4	46.8	45.0	45.9
Commercial printing	307.8	307.9	311.3	301.5	305.4	240.2	240.8	243.6	235.8	238.7
Commercial printing, except lithographic	-	205.2	207.1	201.8	203.7	-	162.2	163.5	159.3	160.7
Commercial printing, lithographic	-	91.5	92.7	89.2	90.7	-	69.7	70.8	68.0	69.2
Bookbinding and related industries	50.9	50.6	50.9	48.0	50.7	41.2	40.9	41.2	38.2	40.8
Other publishing and printing industries	116.3	115.9	117.3	112.6	115.1	81.4	81.1	82.2	79.0	80.8
CHEMICALS AND ALLIED PRODUCTS	880.0	877.8	879.5	862.3	877.3	531.2	529.0	528.4	519.5	528.7
Industrial chemicals	281.2	282.0	284.5	283.1	285.1	162.0	162.6	162.8	162.5	163.3
Plastics and synthetics, except glass	192.8	192.7	191.5	180.1	185.8	131.0	130.8	130.1	120.8	124.9
Plastics and synthetics, except fibers	-	85.3	84.6	81.5	83.8	-	55.0	54.6	51.9	53.4
Synthetic fibers	-	93.5	93.0	85.1	88.3	-	66.4	66.1	59.9	62.3
Drugs	112.0	112.4	112.2	112.6	112.0	58.2	58.7	59.2	60.5	59.5
Pharmaceutical preparations	-	82.8	82.8	83.1	82.6	-	42.2	42.2	43.4	42.3
Soap, cleaners, and toilet goods	97.2	97.1	98.4	93.9	97.4	59.3	59.2	59.8	56.5	59.5
Soap and detergents	-	34.6	34.8	34.3	35.0	-	24.1	24.0	23.9	24.4
Toilet preparations	-	33.9	35.1	32.6	34.4	-	20.3	21.2	18.8	20.7
Paints, varnishes, and allied products	64.8	64.4	64.3	62.7	64.9	36.1	35.8	35.6	35.4	36.7
Agricultural chemicals	52.1	50.2	48.6	50.7	52.0	34.6	32.8	31.0	34.0	34.6
Fertilizers, complete and mixing only	-	38.2	36.8	38.4	39.2	-	26.8	25.2	27.5	27.9
Other chemical products	79.9	79.0	80.0	79.2	80.0	50.0	49.1	49.9	49.8	50.1
PETROLEUM REFINING AND RELATED INDUSTRIES	181.0	180.5	181.7	185.8	186.7	110.2	109.8	110.9	115.2	116.0
Petroleum refining	148.7	148.8	149.0	153.9	152.1	88.3	88.3	88.6	93.7	91.9
Other petroleum and coal products	32.3	31.7	32.7	31.9	34.6	21.9	21.5	22.3	21.5	24.1
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	446.2	441.6	440.7	418.2	430.2	346.3	342.2	342.0	320.6	332.1
Tires and inner tubes	100.1	99.4	99.4	97.3	98.4	71.8	71.4	71.7	69.2	70.5
Other rubber products	170.4	168.5	168.2	163.4	165.2	134.7	132.9	132.7	127.7	129.4
Miscellaneous plastic products	175.7	173.7	173.1	157.5	166.7	139.8	137.9	137.6	123.7	132.3
LEATHER AND LEATHER PRODUCTS	358.0	355.7	360.2	345.5	353.7	315.0	313.1	317.1	303.8	311.2
Leather tanning and finishing	51.3	51.3	51.3	51.3	51.3	27.2	28.0	28.1	26.3	27.8
Footwear, except rubber	240.1	239.5	239.9	234.6	236.0	213.7	213.5	213.4	208.6	209.7
Other leather products	86.6	84.0	88.1	80.7	85.9	74.1	71.6	75.6	68.9	73.8

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

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

	(In thousands)									
	All employees					Production workers ¹				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
TRANSPORTATION AND PUBLIC UTILITIES	3,924	3,878	4,024	3,877	3,976	-	-	-	-	-
RAILROAD TRANSPORTATION	-	729.4	748.2	751.4	757.6	-	-	-	-	-
Class I railroads	-	633.0	649.6	662.2	665.2	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT	-	282.3	281.5	282.7	275.0	-	-	-	-	-
Local and suburban transportation	-	85.9	86.1	88.5	86.4	-	81.6	81.9	84.3	82.1
Taxicabs	-	112.2	111.8	115.2	110.0	-	-	-	-	-
Intercity and rural bus lines	-	42.3	41.6	41.9	42.6	-	38.9	38.3	38.7	39.4
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	939.1	974.6	899.5	949.1	-	850.8	887.4	813.1	860.9
AIR TRANSPORTATION	-	220.3	219.7	205.4	212.2	-	-	-	-	-
Air transportation, common carriers	-	199.8	199.0	185.3	192.2	-	-	-	-	-
PIPELINE TRANSPORTATION	-	19.6	19.7	20.1	20.2	-	16.4	16.6	17.1	17.1
OTHER TRANSPORTATION	-	227.3	317.0	291.1	305.4	-	-	-	-	-
COMMUNICATION	-	853.1	854.5	821.0	843.9	-	-	-	-	-
Telephone communication	-	709.7	710.3	681.5	701.8	-	565.9	568.2	545.2	562.5
Telegraph communication	-	30.6	31.0	32.4	32.0	-	21.5	21.8	22.7	22.4
Radio and television broadcasting	-	107.9	108.3	102.2	105.2	-	88.1	87.9	84.3	85.9
ELECTRIC, GAS, AND SANITARY SERVICES	-	607.2	608.9	606.1	612.1	-	528.8	531.0	527.0	533.6
Electric companies and systems	-	247.1	247.9	245.4	248.4	-	209.1	210.3	208.7	211.2
Gas companies and systems	-	150.2	150.8	151.7	152.2	-	133.0	133.7	133.5	134.4
Combined utility systems	-	173.0	173.1	172.6	174.0	-	154.9	154.9	153.2	155.4
Water, steam, and sanitary systems	-	36.9	37.1	36.4	37.5	-	31.8	32.1	31.6	32.7
WHOLESALE AND RETAIL TRADE²	12,195	12,286	13,166	11,855	12,188	-	9,317	10,156	8,986	9,212
WHOLESALE TRADE	3,241	3,256	3,298	3,172	3,220	-	2,767	2,814	2,709	2,746
Motor vehicles and automotive equipment	-	245.2	245.7	237.9	242.6	-	205.9	206.9	200.5	204.1
Drugs, chemicals, and allied products	-	192.9	193.8	190.4	191.5	-	160.2	161.3	157.5	158.7
Dry goods and apparel	-	136.9	138.4	132.0	135.8	-	112.0	113.7	108.9	112.0
Groceries and related products	-	510.2	518.0	501.9	510.8	-	448.7	457.2	443.7	451.0
Electrical goods	-	241.9	240.9	235.1	238.0	-	201.2	199.9	198.9	199.5
Hardware, plumbing, and heating goods	-	147.4	147.7	144.3	146.6	-	125.4	126.0	124.3	125.6
Machinery, equipment, and supplies	-	568.5	566.0	547.2	559.3	-	480.0	479.5	464.8	474.6
RETAIL TRADE²	8,954	9,030	9,868	8,683	8,969	-	6,550	7,342	6,277	6,466
GENERAL MERCHANDISE STORES	-	1,789.2	2,323.7	1,670.2	1,764.1	-	1,636.6	2,165.1	1,523.9	1,613.6
Department stores	-	1,107.7	1,465.3	1,026.8	1,083.4	-	1,017.1	1,370.7	938.3	993.9
Limited price variety stores	-	299.1	391.3	291.4	306.2	-	276.7	367.9	269.2	282.8
FOOD STORES	-	1,449.9	1,472.6	1,409.3	1,420.9	-	1,348.7	1,370.9	1,310.9	1,322.5
Grocery, meat, and vegetable stores	-	1,282.5	1,294.6	1,242.5	1,252.2	-	1,190.6	1,202.6	1,152.6	1,162.7
APPAREL AND ACCESSORIES STORES	-	634.6	776.4	607.7	632.7	-	572.2	711.3	547.6	571.5
Men's and boys' apparel stores	-	111.1	138.4	105.9	104.4	-	100.4	127.2	95.9	94.4
Women's ready-to-wear stores	-	234.3	283.7	226.0	236.5	-	212.6	261.4	204.9	215.2
Family clothing stores	-	102.7	132.5	99.7	100.1	-	96.5	125.0	92.8	93.1
Shoe stores	-	114.6	135.1	108.2	118.1	-	99.3	119.6	93.7	103.2
FURNITURE AND APPLIANCE STORES	-	407.0	421.9	394.8	398.8	-	361.5	375.8	350.7	353.6
EATING AND DRINKING PLACES	-	1,771.6	1,808.8	1,726.6	1,808.9	-	-	-	-	-
OTHER RETAIL TRADE	-	2,977.2	3,064.8	2,874.8	2,943.5	-	2,630.7	2,719.3	2,543.4	2,604.8
Motor vehicle dealers	-	714.2	709.0	687.6	698.2	-	617.6	612.7	595.9	604.4
Other vehicle and accessory dealers	-	172.5	180.4	158.1	167.4	-	150.5	158.3	135.2	144.6
Drug stores	-	399.0	413.6	380.5	389.1	-	366.5	380.6	350.9	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				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
FINANCE, INSURANCE, AND REAL ESTATE	2,957	2,947	2,957	2,882	2,944	-	-	-	-	-
Banking	-	765.8	767.3	748.6	761.4	-	641.5	644.5	631.4	641.6
Credit agencies other than banks	-	325.9	326.7	310.2	318.1	-	-	-	-	-
Savings and loan associations	-	96.6	96.2	94.0	94.9	-	-	-	-	-
Personal credit institutions	-	172.9	174.0	161.4	167.2	-	-	-	-	-
Security dealers and exchanges ³	-	127.0	127.5	123.6	126.7	-	112.0	112.6	109.8	112.3
Insurance carriers ³	-	882.9	885.4	874.1	884.7	-	624.4	629.6	628.6	634.0
Life insurance ³	-	468.9	469.4	466.2	469.6	-	272.7	274.2	279.1	278.7
Accident and health insurance ³	-	55.0	55.2	54.2	55.1	-	46.5	47.1	46.0	46.9
Fire, marine, and casualty insurance ³	-	313.7	315.3	309.5	314.8	-	267.0	269.8	265.8	270.1
Insurance agents, brokers, and services	-	227.0	227.4	221.1	225.2	-	-	-	-	-
Real estate	-	538.5	543.6	526.6	549.8	-	-	-	-	-
Operative builders	-	38.8	40.8	41.9	43.4	-	-	-	-	-
Other finance, insurance, and real estate	-	79.5	79.2	77.3	78.5	-	-	-	-	-
SERVICES AND MISCELLANEOUS	8,551	8,513	8,585	8,233	8,533	-	-	-	-	-
Hotel and lodging places	-	584.9	588.7	561.6	627.8	-	-	-	-	-
Hotels, tourist courts, and motels	-	539.5	541.5	516.2	565.4	-	503.1	505.4	482.1	529.2
Personal services:										
Laundries, cleaning and dyeing plants ⁴	-	537.4	538.1	525.2	536.7	-	480.7	480.7	462.8	477.8
Miscellaneous business services:										
Advertising	-	110.3	110.6	109.1	110.0	-	-	-	-	-
Motion pictures	-	168.7	170.6	162.3	174.1	-	-	-	-	-
Motion picture filming and distributing	-	47.6	47.3	41.1	43.0	-	29.1	29.3	25.7	27.2
Motion picture theaters and services	-	121.1	123.3	121.2	131.1	-	-	-	-	-
Medical services:										
Hospitals	-	1,379.0	1,375.8	1,332.3	1,357.6	-	-	-	-	-
GOVERNMENT	9,793	9,732	9,917	9,391	9,502	-	-	-	-	-
FEDERAL GOVERNMENT⁵	2,321	2,323	2,482	2,323	2,348	-	-	-	-	-
Executive	-	2,293.3	2,452.1	2,293.0	2,317.5	-	-	-	-	-
Department of Defense	-	920.5	922.9	938.1	933.7	-	-	-	-	-
Post Office Department	-	592.7	734.6	588.2	599.9	-	-	-	-	-
Other agencies	-	780.1	794.6	766.7	783.9	-	-	-	-	-
Legislative	-	24.3	24.5	24.1	24.5	-	-	-	-	-
Judicial	-	5.8	5.8	5.7	5.8	-	-	-	-	-
STATE AND LOCAL GOVERNMENT	7,472	7,409	7,435	7,068	7,155	-	-	-	-	-
State government	-	1,899.6	1,902.5	1,799.8	1,839.5	-	-	-	-	-
State education	-	656.1	657.8	603.9	601.6	-	-	-	-	-
Other State government	-	1,243.5	1,244.7	1,195.9	1,237.9	-	-	-	-	-
Local government	-	5,508.9	5,532.4	5,268.2	5,315.3	-	-	-	-	-
Local education	-	3,094.2	3,107.2	2,902.9	2,884.3	-	-	-	-	-
Other local government	-	2,414.7	2,425.2	2,365.3	2,431.0	-	-	-	-	-

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

² Data for nonsupervisory workers exclude eating and drinking places.

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

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

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

*Not available.

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

SEASONALLY ADJUSTED EMPLOYMENT

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

1957-59=100

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	51.6	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	34.1	-	-
1920.....	52.1	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	33.2	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.2	-	-
1922.....	49.2	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.3	-	-
1923.....	54.1	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.2	-	-
1924.....	53.4	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.4	34.7	-	-
1925.....	54.8	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.7	-	-
1926.....	56.8	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.3	-	-
1927.....	57.1	144.7	55.7	60.3	95.6	54.1	-	-	54.0	46.0	37.2	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	38.2	-	-
1929.....	59.7	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	39.1	24.1	45.0
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	40.1	23.8	46.6
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.6	25.3	48.0
1932.....	45.0	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	41.1	25.2	47.3
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.4	25.5	46.2
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	42.0	29.4	47.0
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.4	34.0	48.4
1936.....	55.4	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.3	46.7	37.3	50.5
1937.....	59.1	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.9	37.6	51.9
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.5	37.4	54.2
1939.....	58.3	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.9	40.9	54.9
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.6	45.0	56.9
1941.....	69.6	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.4	60.5	58.9
1942.....	76.4	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.3	69.9	100.0	58.1
1943.....	80.8	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	77.5	131.2	56.4
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	77.0	132.2	55.3
1945.....	76.9	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.8	126.8	55.7
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.5	71.3	101.8	59.3
1947.....	83.6	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.3	69.8	85.5	63.6
1948.....	85.5	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	72.0	84.1	67.2
1949.....	83.4	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.4	74.6	86.2	70.1
1950.....	86.1	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.8	87.1	72.8
1951.....	91.1	120.6	90.2	98.8	103.7	89.2	90.0	88.9	78.7	80.9	81.4	104.0	72.6
1952.....	93.0	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	84.2	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	101.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	97.1	100.1	95.9
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.8	99.9	99.0	100.3
1959.....	101.5	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.2	103.0	100.9	103.9
1960.....	103.2	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.3	106.5	102.5	108.0
1961.....	102.8	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	110.4	109.5	102.9	112.1
1962.....	105.7	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	115.3	113.3	105.7	116.3
1963.....	107.9	82.5	103.3	102.5	96.0	108.1	107.7	108.2	113.6	119.4	117.2	106.5	121.5
1964.....	110.8	82.5	107.6	104.2	97.5	111.6	111.2	111.8	116.4	123.8	121.1	106.1	127.0
1964: February..	109.8	82.2	108.5	103.5	96.7	110.6	110.2	110.8	115.3	122.4	119.4	105.6	124.8
March.....	110.0	82.2	108.1	103.7	96.7	110.6	110.4	110.6	115.6	122.7	119.7	105.6	125.3
April.....	110.1	82.2	106.7	103.8	97.3	110.8	110.7	110.8	115.8	122.8	120.3	105.7	126.0
May.....	110.3	81.9	107.1	103.8	97.4	111.1	110.9	111.2	116.0	123.2	120.5	105.6	126.4
June.....	110.6	83.0	107.6	104.1	97.3	111.6	111.4	111.7	116.3	123.5	120.7	104.9	126.9
July.....	110.9	83.0	107.6	104.5	97.7	111.9	111.6	112.0	116.5	124.2	120.5	104.9	126.6
August.....	111.0	82.3	107.5	104.5	98.1	112.0	111.3	112.2	116.6	124.4	120.7	105.1	126.8
September..	111.3	82.3	106.7	105.1	98.3	112.0	111.4	112.2	117.0	124.7	121.2	104.8	127.6
October....	111.2	82.9	107.6	103.5	98.0	112.4	111.6	112.7	117.2	125.3	122.3	105.3	129.0
November..	112.1	83.0	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	111.9	106.7	96.6	114.1	113.0	114.5	117.7	126.0	123.6	105.8	130.6
February..	113.4	82.3	112.6	107.0	97.8	114.6	113.2	115.1	117.9	126.5	123.8	105.6	131.0

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 EMPLOYMENT

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

Industry division and group	(In thousands)												
	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964
TOTAL	59,560	59,328	59,206	58,878	58,382	58,458	58,301	58,256	58,104	57,931	57,827	57,754	57,684
MINING	634	633	637	639	638	634	634	639	639	631	633	633	633
CONTRACT CONSTRUCTION	3,250	3,230	3,244	3,162	3,106	3,080	3,103	3,107	3,106	3,093	3,081	3,122	3,132
MANUFACTURING	17,757	17,707	17,622	17,505	17,171	17,449	17,339	17,344	17,285	17,225	17,224	17,208	17,171
DURABLE GOODS	10,200	10,147	10,088	9,992	9,702	9,986	9,886	9,890	9,826	9,780	9,798	9,784	9,740
Ordnance and accessories	244	243	242	245	247	248	250	255	260	265	267	269	271
Lumber and wood products	599	595	598	595	591	593	595	599	593	596	600	603	602
Furniture and fixtures	417	415	413	409	407	405	403	405	402	398	398	397	394
Stone, clay, and glass products	619	623	620	618	616	620	617	618	616	613	613	616	613
Primary metal industries	1,277	1,277	1,271	1,269	1,253	1,258	1,242	1,246	1,222	1,199	1,196	1,190	1,189
Fabricated metal products	1,257	1,241	1,232	1,213	1,179	1,223	1,208	1,196	1,192	1,185	1,190	1,187	1,183
Machinery	1,677	1,672	1,665	1,643	1,644	1,643	1,625	1,620	1,608	1,597	1,589	1,584	1,565
Electrical equipment	1,608	1,598	1,588	1,572	1,560	1,558	1,546	1,550	1,537	1,533	1,536	1,535	1,535
Transportation equipment	1,704	1,693	1,671	1,646	1,429	1,667	1,632	1,632	1,628	1,633	1,646	1,641	1,626
Instruments and related products	377	374	374	371	368	369	369	371	369	367	368	368	368
Miscellaneous manufacturing	421	416	414	411	408	402	399	398	399	394	395	394	394
NONDURABLE GOODS	7,557	7,560	7,534	7,513	7,469	7,463	7,453	7,454	7,459	7,445	7,426	7,424	7,431
Food and kindred products	1,732	1,742	1,743	1,737	1,717	1,716	1,726	1,719	1,720	1,731	1,730	1,738	1,746
Tobacco manufactures	88	86	88	92	90	82	83	89	89	89	88	88	88
Textile-mill products	915	913	909	904	899	899	895	894	895	895	895	897	896
Apparel and related products	1,339	1,348	1,333	1,329	1,319	1,317	1,311	1,309	1,323	1,305	1,298	1,290	1,296
Paper and allied products	637	635	634	635	634	632	631	632	631	630	629	627	627
Printing and publishing	967	964	962	956	955	956	954	955	953	952	948	946	944
Chemicals and allied products	388	387	385	382	378	381	379	379	380	374	371	374	372
Petroleum and related products	184	184	185	185	187	185	185	187	187	187	187	188	189
Rubber and plastic products	450	443	438	436	433	439	435	433	427	429	427	426	424
Leather and leather products	357	358	357	357	357	356	354	357	354	353	353	350	349
TRANSPORTATION AND PUBLIC UTILITIES	3,988	3,937	4,020	3,997	3,996	4,005	3,999	3,983	3,965	3,968	3,964	3,940	3,943
WHOLESALE AND RETAIL TRADE	12,517	12,458	12,362	12,311	12,278	12,229	12,231	12,223	12,187	12,135	12,096	12,077	12,083
WHOLESALE TRADE	3,277	3,272	3,259	3,246	3,233	3,226	3,224	3,232	3,227	3,212	3,206	3,198	3,191
RETAIL TRADE	9,240	9,186	9,103	9,065	9,045	9,003	9,007	8,991	8,960	8,923	8,890	8,879	8,892
FINANCE, INSURANCE, AND REAL ESTATE	2,984	2,977	2,975	2,970	2,964	2,960	2,951	2,948	2,943	2,934	2,931	2,924	2,917
SERVICE AND MISCELLANEOUS	8,717	8,687	8,654	8,634	8,633	8,592	8,573	8,561	8,509	8,489	8,461	8,455	8,437
GOVERNMENT	9,713	9,699	9,692	9,660	9,596	9,509	9,471	9,451	9,470	9,456	9,437	9,395	9,368
FEDERAL	2,337	2,342	2,352	2,354	2,331	2,320	2,328	2,322	2,323	2,339	2,341	2,337	2,337
STATE AND LOCAL	7,376	7,357	7,340	7,306	7,265	7,189	7,143	7,129	7,147	7,117	7,096	7,058	7,031

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

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

Major industry group	(In thousands)												
	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964
MANUFACTURING	13,217	13,170	13,099	12,993	12,661	12,956	12,847	12,839	12,794	12,736	12,732	12,731	12,692
DURABLE GOODS	7,567	7,515	7,467	7,376	7,089	7,377	7,279	7,271	7,219	7,174	7,188	7,181	7,139
Ordnance and accessories	102	100	100	102	102	103	104	105	107	109	110	111	112
Lumber and wood products	535	530	536	532	528	530	531	536	528	532	536	539	539
Furniture and fixtures	348	346	344	340	339	338	335	338	336	331	331	330	329
Stone, clay, and glass products	499	503	501	500	498	500	498	497	496	493	493	498	493
Primary metal industries	1,046	1,045	1,041	1,038	1,022	1,026	1,012	1,017	995	972	967	966	965
Fabricated metal products	977	961	951	933	901	945	932	918	916	910	916	914	911
Machinery	1,172	1,168	1,165	1,145	1,146	1,149	1,129	1,125	1,118	1,109	1,103	1,099	1,082
Electrical equipment	1,096	1,087	1,078	1,065	1,053	1,049	1,040	1,041	1,029	1,024	1,027	1,025	1,023
Transportation equipment	1,214	1,203	1,181	1,156	942	1,180	1,145	1,141	1,141	1,146	1,156	1,150	1,136
Instruments and related products	240	238	237	235	232	234	234	236	233	232	233	233	233
Miscellaneous manufacturing	338	334	333	330	326	323	319	317	320	316	316	316	316
NONDURABLE GOODS	5,650	5,655	5,632	5,617	5,572	5,579	5,568	5,568	5,575	5,562	5,544	5,550	5,553
Food and kindred products	1,142	1,152	1,154	1,151	1,132	1,133	1,142	1,134	1,134	1,144	1,143	1,150	1,157
Tobacco manufactures	77	73	76	80	78	71	72	78	78	77	76	77	76
Textile mill products	818	816	812	808	803	803	799	798	800	800	800	803	803
Apparel and related products	1,191	1,199	1,186	1,181	1,173	1,173	1,165	1,164	1,176	1,160	1,152	1,145	1,150
Paper and allied products	497	496	495	496	494	494	493	494	494	493	492	491	491
Printing and publishing	614	612	610	605	604	606	604	604	604	604	601	600	598
Chemicals and allied products	536	536	532	530	526	530	530	531	531	527	525	529	527
Petroleum and related products	112	113	113	114	116	116	115	117	117	116	116	118	118
Rubber and plastic products	349	343	339	337	334	340	337	334	329	330	329	329	326
Leather and leather products	314	315	315	315	312	313	311	314	312	311	310	308	307

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

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

(In thousands)

State	TOTAL			Mining			Contract construction		
	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
Alabama ¹	844.7	857.8	815.2	8.5	8.6	8.6	44.3	46.5	41.0
Alaska	59.1	61.7	56.0	1.0	1.1	.9	3.1	4.0	2.4
Arizona	397.7	401.9	384.3	15.1	15.1	15.0	26.7	27.2	27.5
Arkansas	417.3	430.3	414.0	4.5	4.7	4.9	21.2	25.0	23.3
California	5,585.9	5,734.6	5,412.9	29.4	29.6	29.7	328.4	340.9	318.0
Colorado	569.3	580.4	561.9	11.9	12.0	11.7	33.9	36.5	34.6
Connecticut	983.0	1,005.1	959.7	(2)	(2)	(2)	41.2	44.8	39.3
Delaware ¹	170.5	174.3	161.1	(3)	(3)	(3)	11.4	12.2	9.9
District of Columbia ¹	598.5	609.4	582.0	(3)	(3)	(3)	23.0	24.2	22.2
Florida ¹	1,588.6	1,597.8	1,526.1	9.6	9.7	9.3	131.7	133.6	118.8
Georgia ¹	1,190.9	1,212.7	1,149.0	5.7	5.7	5.4	62.2	65.4	54.5
Hawaii	207.8	209.6	199.7	(3)	(3)	(3)	16.9	16.7	15.4
Idaho	164.2	169.4	158.7	3.3	3.3	2.9	6.7	8.4	6.0
Illinois ¹	3,688.6	3,782.7	3,573.5	24.6	24.9	24.9	130.7	142.7	124.3
Indiana	1,544.1	1,565.8	1,483.1	7.8	8.0	8.2	64.4	65.8	52.9
Iowa	714.8	730.8	696.4	2.8	3.1	2.7	29.7	33.0	27.3
Kansas	576.6	585.5	570.4	13.9	14.7	14.2	26.0	27.1	26.4
Kentucky	731.3	748.8	692.6	28.8	29.4	28.8	39.3	43.4	30.3
Louisiana ¹	867.3	893.8	823.1	48.1	47.5	45.1	72.9	75.7	53.8
Maine ¹	276.8	285.2	272.9	(3)	(3)	(3)	11.3	12.9	10.7
Maryland ¹	1,002.3	1,048.4	965.0	2.5	2.5	2.5	65.5	77.0	59.8
Massachusetts	1,951.6	2,007.7	1,911.5	(3)	(3)	(3)	80.5	87.0	67.2
Michigan	2,545.0	2,587.2	2,424.0	11.9	13.3	11.4	98.5	100.2	83.3
Minnesota ¹	1,017.4	1,045.1	981.5	11.8	12.3	10.9	43.3	49.7	40.8
Mississippi ¹	462.4	470.7	440.8	6.1	6.1	6.4	24.4	25.5	19.3
Missouri ¹	1,406.0	1,437.8	1,370.5	7.6	7.8	7.2	69.5	73.9	56.8
Montana	168.0	172.4	166.2	7.3	7.3	7.0	7.2	8.7	8.1
Nebraska ¹	399.3	405.9	390.4	1.7	1.8	1.6	19.7	20.6	18.7
Nevada	146.5	150.8	140.0	3.1	3.1	2.9	12.8	13.7	12.8
New Hampshire	204.2	208.3	197.8	.2	.3	.2	7.4	9.6	7.5
New Jersey	2,084.9	2,142.1	2,054.1	3.2	3.4	3.5	85.8	95.7	81.5
New Mexico	256.3	262.2	246.7	17.1	17.4	17.2	18.9	19.3	16.9
New York	(4)	6,451.1	6,174.6	(4)	8.9	8.2	(4)	248.1	228.5
North Carolina	1,351.8	1,381.4	1,310.7	2.5	2.5	2.2	73.5	76.6	65.4
North Dakota ¹	137.5	142.0	132.4	1.8	1.9	1.5	8.6	9.9	6.2
Ohio ¹	3,221.4	3,308.3	3,095.8	19.5	20.1	18.2	115.0	127.6	102.2
Oklahoma ¹	627.6	635.2	609.7	42.6	42.7	42.2	33.8	34.0	33.4
Oregon	552.1	574.0	539.3	1.4	1.4	1.3	27.3	29.2	24.9
Pennsylvania	3,726.6	3,817.3	3,637.2	44.9	45.9	46.2	135.3	146.6	120.0
Rhode Island ¹	294.8	307.0	288.3	(3)	(3)	(3)	11.5	14.2	10.2
South Carolina ¹	658.9	668.0	634.4	1.6	1.6	1.6	36.7	37.3	32.7
South Dakota	146.3	149.8	145.0	2.5	2.5	2.5	6.3	7.0	6.1
Tennessee	1,045.3	1,068.9	1,001.2	6.6	7.0	6.4	53.9	59.3	47.6
Texas ¹	2,813.0	2,866.8	2,718.9	111.0	110.9	111.3	183.7	181.1	162.5
Utah	(4)	299.3	285.4	(4)	12.1	11.5	(4)	16.3	13.0
Vermont	109.4	111.2	105.6	1.2	1.2	1.2	4.4	5.1	3.9
Virginia	1,154.1	1,189.5	1,117.3	15.3	15.4	15.4	81.1	87.0	70.9
Washington	832.4	865.9	822.6	1.7	1.8	1.4	36.3	39.7	34.2
West Virginia	452.5	464.4	444.2	48.3	48.6	48.0	16.2	19.4	14.7
Wisconsin ¹	1,269.2	1,300.8	1,219.9	2.1	2.5	2.1	48.9	54.4	45.7
Wyoming	93.4	96.1	90.2	8.7	8.9	8.9	6.8	7.6	6.8

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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**ESTABLISHMENT DATA
STATE EMPLOYMENT**

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

(In thousands)

State	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
Alabama ¹	264.4	263.3	247.6	47.5	49.2	48.2	161.5	171.0	157.2
Alaska	3.4	3.8	3.5	6.4	6.6	6.3	8.3	8.9	8.1
Arizona	59.8	60.1	57.7	25.0	25.2	24.8	95.5	99.6	90.9
Arkansas	120.5	122.8	119.6	27.6	28.1	28.7	88.8	95.2	86.5
California	1,350.7	1,375.8	1,362.5	372.6	378.1	355.7	1,222.0	1,306.2	1,176.8
Colorado	86.9	87.8	93.9	43.9	44.6	43.5	135.5	143.0	130.3
Connecticut	425.5	425.1	419.7	46.0	46.0	44.9	175.9	188.3	171.7
Delaware ¹	64.2	64.5	58.7	9.3	10.0	10.1	32.6	34.5	31.6
District of Columbia ¹	20.1	20.3	19.7	29.6	30.4	29.5	86.5	91.9	84.7
Florida ¹	249.6	247.8	240.0	106.8	108.6	106.1	427.3	440.6	414.2
Georgia ¹	381.6	383.1	368.2	80.0	80.7	77.7	251.1	267.5	241.8
Hawaii	21.7	21.7	23.3	15.3	15.5	15.0	49.2	51.0	45.9
Idaho	32.1	32.6	30.8	13.9	14.0	13.7	39.8	42.6	38.9
Illinois ¹	1,250.4	1,257.1	1,202.2	267.1	272.7	267.1	793.6	839.4	765.3
Indiana	636.3	637.2	608.5	88.5	89.2	87.5	297.2	312.1	292.3
Iowa	184.6	185.3	179.2	48.3	48.2	48.4	174.5	184.5	170.6
Kansas	118.9	120.1	116.7	49.5	50.3	50.4	133.9	140.2	132.2
Kentucky	200.8	201.5	190.6	53.0	54.0	54.0	148.5	159.8	141.3
Louisiana ¹	155.2	160.7	146.0	71.7	82.5	80.8	193.3	201.0	183.6
Maine ¹	103.2	103.8	101.3	15.8	16.7	16.4	52.8	56.7	52.3
Maryland ¹	255.8	256.4	252.4	68.9	73.6	69.5	223.4	244.9	211.3
Massachusetts	650.8	654.1	643.0	100.6	103.0	101.2	396.9	424.9	395.6
Michigan	1,063.6	1,065.9	1,006.0	131.0	132.6	126.9	468.9	501.8	449.1
Minnesota ¹	245.1	248.6	236.3	77.2	78.5	75.4	248.9	263.4	239.4
Mississippi ¹	142.3	142.7	133.6	26.1	26.9	25.6	89.6	95.8	86.9
Missouri ¹	400.5	402.9	395.7	113.6	116.0	112.4	319.1	336.9	314.0
Montana	21.3	21.8	21.5	16.8	17.0	16.8	40.2	42.1	39.2
Nebraska ¹	68.1	68.5	65.7	35.7	36.1	35.9	99.2	104.1	96.8
Nevada	6.6	6.8	6.5	11.3	11.4	10.9	26.7	28.5	25.8
New Hampshire	86.1	86.1	84.6	9.6	9.6	9.6	36.9	38.6	35.6
New Jersey	776.7	785.7	777.6	147.2	152.5	148.5	413.9	439.1	400.7
New Mexico	17.2	17.4	16.9	19.7	20.2	19.8	53.5	56.7	51.2
New York	(4)	1,823.7	1,768.1	(4)	473.2	463.4	(4)	1,359.4	1,260.1
North Carolina	564.2	567.2	544.4	71.8	72.4	68.5	246.5	266.3	238.1
North Dakota ¹	7.0	7.7	8.3	11.7	12.0	11.6	38.8	40.7	37.7
Ohio ¹	1,274.8	1,276.8	1,223.5	196.0	200.0	192.4	629.5	682.1	602.4
Oklahoma ¹	97.2	97.1	93.6	45.3	45.7	45.3	146.2	151.7	138.7
Oregon	137.2	145.9	138.5	43.8	44.3	42.9	124.4	131.8	121.6
Pennsylvania	1,448.4	1,452.5	1,387.2	251.9	260.4	254.3	673.5	728.9	670.2
Rhode Island ¹	114.2	116.1	111.6	14.5	14.7	14.0	54.5	59.8	53.7
South Carolina ¹	281.9	281.5	270.5	26.8	27.5	26.6	110.3	117.7	106.4
South Dakota	13.0	13.2	13.1	9.8	9.9	9.9	39.9	41.0	39.6
Tennessee	360.1	360.0	345.6	56.4	57.3	55.0	210.3	224.7	202.7
Texas ¹	542.7	543.8	524.6	208.5	222.4	220.3	695.9	737.2	674.2
Utah	(4)	50.9	52.2	(4)	21.5	21.4	(4)	70.4	63.3
Vermont	35.5	35.7	33.5	6.9	6.8	6.9	20.6	21.8	20.3
Virginia	310.4	315.6	299.0	81.3	84.2	81.9	238.7	256.1	230.7
Washington	206.3	214.4	212.3	59.6	59.7	58.6	183.4	199.7	181.4
West Virginia	124.9	126.0	122.7	39.6	40.1	40.2	78.6	85.8	77.8
Wisconsin ¹	475.3	476.9	456.7	71.8	73.3	70.2	261.8	280.4	250.1
Wyoming	7.5	8.0	7.3	10.1	10.3	10.1	19.7	20.5	19.4

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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

State	(In thousands)								
	Finance, insurance, and real estate			Service and miscellaneous			Government		
	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
Alabama ¹	35.4	35.2	34.6	105.8	105.7	104.8	177.3	178.3	173.2
Alaska	2.0	2.0	1.9	7.0	7.0	6.3	27.9	28.3	26.6
Arizona	21.5	21.4	20.6	65.6	64.5	63.1	88.5	88.8	84.7
Arkansas	17.3	17.3	16.5	55.0	55.1	54.3	82.4	82.1	80.2
California	311.7	312.0	297.8	898.1	905.2	848.5	1,073.0	1,086.8	1,023.9
Colorado	30.7	30.6	30.0	92.3	91.6	88.6	134.2	134.3	129.3
Connecticut	58.0	58.4	57.6	128.4	129.8	122.1	108.1	112.7	104.5
Delaware ¹	6.8	6.7	6.5	21.8	22.0	21.0	24.4	24.4	23.3
District of Columbia ^{1 5}	31.1	30.9	30.0	109.8	109.7	103.8	298.4	302.0	292.1
Florida ¹	95.5	95.1	94.2	282.3	276.0	269.4	285.8	286.4	274.1
Georgia ¹	57.5	57.7	57.4	138.1	138.4	134.2	214.7	214.2	209.8
Hawaii	12.4	12.3	11.5	37.4	37.2	34.8	54.9	55.2	53.8
Idaho	6.9	6.9	6.7	23.8	23.5	23.1	37.7	38.1	36.6
Illinois ¹	197.9	198.2	195.6	540.5	544.0	525.6	483.8	503.6	468.5
Indiana	63.6	64.0	62.4	161.0	161.1	156.6	225.3	228.6	214.7
Iowa	34.6	34.7	34.0	104.9	105.4	102.3	135.4	136.5	131.8
Kansas	25.2	25.2	24.8	80.3	80.6	78.1	128.9	127.3	127.6
Kentucky	28.3	28.2	27.3	98.3	98.9	94.5	134.4	133.6	125.8
Louisiana ¹	39.5	39.6	38.6	118.5	118.4	112.5	168.1	168.4	162.7
Maine ¹	9.8	9.8	9.7	31.1	31.8	30.3	52.8	53.5	52.2
Maryland ^{1 5}	50.8	52.3	49.7	156.4	160.2	147.9	179.0	181.5	171.9
Massachusetts	106.0	107.0	104.8	344.6	347.7	334.3	272.2	284.0	265.4
Michigan	93.2	93.4	89.7	313.2	312.4	299.3	364.7	367.5	358.3
Minnesota ¹	51.6	51.9	51.5	154.8	156.1	150.8	184.7	184.7	176.4
Mississippi ¹	16.5	16.5	16.1	54.7	54.8	52.6	102.7	102.3	100.3
Missouri ¹	76.5	76.5	75.5	207.6	209.5	202.8	211.6	214.3	206.1
Montana	6.9	6.9	6.8	23.7	24.0	23.6	44.6	44.6	43.2
Nebraska ¹	24.5	24.6	24.5	62.7	62.9	60.9	87.8	87.3	86.2
Nevada	6.2	6.2	5.8	52.7	53.6	50.2	27.1	27.5	25.1
New Hampshire	8.3	8.3	7.9	29.4	29.4	27.0	26.4	26.6	25.4
New Jersey	96.3	96.7	94.5	291.4	296.6	284.8	270.4	272.4	263.0
New Mexico	11.4	11.5	11.1	44.9	45.7	42.0	73.6	74.0	71.6
New York	(4)	498.8	497.1	(4)	1,079.4	1,043.9	(4)	959.6	905.2
North Carolina	51.9	52.0	50.0	148.4	148.8	143.3	193.0	195.6	198.9
North Dakota ¹	6.1	6.2	6.1	24.9	24.9	23.7	38.5	38.7	37.3
Ohio ¹	128.2	129.3	126.1	404.7	408.0	392.1	453.7	464.5	438.9
Oklahoma ¹	30.8	30.9	30.0	85.9	86.1	82.9	145.8	147.0	143.6
Oregon	25.9	25.9	24.9	78.7	80.1	75.6	113.4	115.4	109.6
Pennsylvania	158.1	159.0	157.6	523.7	531.0	519.1	490.8	493.0	482.6
Rhode Island ¹	13.6	13.6	13.4	43.6	44.8	42.9	42.9	43.8	42.5
South Carolina ¹	23.8	23.9	23.5	67.1	67.1	65.5	110.7	111.4	107.6
South Dakota	7.0	7.0	6.6	23.3	24.4	23.7	44.9	45.0	43.8
Tennessee	45.8	45.8	44.4	140.8	141.8	135.9	171.4	173.0	163.6
Texas ¹	149.8	148.8	143.7	409.6	410.3	390.5	511.8	512.3	491.8
Utah	(4)	12.7	12.5	(4)	40.3	38.7	(4)	75.1	72.8
Vermont	4.2	4.2	4.2	19.0	18.9	18.8	17.8	17.5	17.0
Virginia ⁵	50.7	51.6	49.8	153.2	153.9	150.2	223.4	225.7	219.4
Washington	42.5	43.1	42.2	115.2	115.2	110.1	187.4	192.3	182.4
West Virginia	13.7	13.8	13.5	54.6	54.4	53.2	76.8	76.4	74.0
Wisconsin ¹	50.5	50.6	49.1	165.8	167.3	160.5	193.0	195.5	185.4
Wyoming	3.5	3.5	3.3	12.5	12.7	10.1	24.6	24.6	24.3

¹Revised series; not strictly comparable with previously published data.

²Combined with construction.

³Combined with service.

⁴Not available.

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

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

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

(In thousands)

Industry division	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
	ALABAMA						ARIZONA					
	Birmingham ¹			Mobile ²			Phoenix			Tucson		
TOTAL	209.2	210.4	200.0	103.4	105.4	101.1	230.5	233.1	220.9	76.9	77.7	76.9
Mining.....	4.4	4.5	4.3	(3)	(3)	(3)	.2	.2	.2	3.2	3.2	3.2
Contract construction..	10.8	11.3	10.1	6.3	6.4	5.8	16.2	16.6	16.5	5.4	5.7	6.0
Manufacturing.....	64.9	63.6	59.5	20.8	20.7	19.3	44.7	44.7	42.5	6.6	6.6	7.0
Trans. and pub. util...	16.1	16.2	15.9	9.0	10.2	9.7	13.8	13.9	13.6	5.3	5.2	5.3
Trade.....	48.2	49.9	46.7	22.7	23.3	22.0	59.3	62.0	56.6	17.7	18.4	17.2
Finance.....	14.5	14.5	14.3	4.3	4.3	4.2	15.2	15.1	14.6	4.0	4.0	3.9
Service.....	26.5	26.5	26.1	13.9	13.9	13.5	38.6	37.9	37.0	14.3	14.1	14.4
Government.....	23.8	23.9	23.1	26.4	26.6	26.6	42.5	42.7	39.9	20.4	20.5	19.9
ARKANSAS												
Fayetteville			Fort Smith ²			Little Rock - N. Little Rock			Pine Bluff			
TOTAL	17.5	17.9	16.9	36.4	37.2	36.8	92.6	94.4	89.5	20.4	20.8	19.4
Mining.....	(3)	(3)	(3)	.5	.5	.4	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	.9	.9	.9	2.1	2.3	2.4	6.0	6.4	6.1	1.1	1.1	1.0
Manufacturing.....	4.7	5.0	4.6	12.2	12.1	11.9	18.0	18.0	16.9	5.4	5.5	5.0
Trans. and pub. util...	1.5	1.5	1.4	2.6	2.6	2.6	8.1	8.1	8.0	2.7	2.7	2.6
Trade.....	4.1	4.2	3.8	8.2	8.7	8.1	20.9	22.2	20.3	3.9	4.1	3.8
Finance.....	.4	.4	.4	1.3	1.2	1.2	7.4	7.4	7.0	.8	.8	.8
Service.....	2.2	2.2	2.1	4.9	5.0	4.9	14.2	14.3	13.6	2.6	2.6	2.4
Government.....	3.6	3.6	3.7	4.6	4.7	5.2	18.1	18.0	17.6	4.0	4.0	3.9
CALIFORNIA ⁴												
Bakersfield			Fresno			Los Angeles - Long Beach			Sacramento			
TOTAL	75.8	78.3	74.0	93.3	97.6	90.9	2,437.7	2,487.7	2,363.2	221.7	227.7	216.4
Mining.....	6.8	6.8	6.6	1.0	1.0	.9	9.9	9.9	10.0	.3	.3	.2
Contract construction..	3.7	3.8	3.5	5.0	5.2	4.9	128.8	131.0	121.5	13.0	14.4	13.0
Manufacturing.....	8.3	8.4	7.7	14.3	15.5	14.2	742.6	746.5	742.9	31.8	32.7	35.1
Trans. and pub. util...	5.5	5.7	5.5	7.9	8.4	7.8	144.9	146.5	136.2	16.8	17.2	16.6
Trade.....	16.7	18.2	16.5	24.8	26.7	24.0	542.0	577.0	521.2	45.7	48.8	43.7
Finance.....	3.0	3.0	2.9	4.6	4.6	4.5	142.6	142.7	136.4	9.5	9.5	9.1
Service.....	10.5	10.9	10.4	15.1	15.4	14.6	404.0	405.4	384.9	25.5	25.7	23.9
Government.....	21.3	21.5	20.9	20.6	20.8	20.0	322.9	328.7	310.1	79.1	79.1	74.8
CALIFORNIA - Continued												
San Bernardino - Riverside - Ontario			San Diego			San Francisco - Oakland			San Jose			
TOTAL	234.2	237.3	222.1	260.6	265.5	260.6	1,052.1	1,079.2	1,016.1	255.9	263.0	250.5
Mining.....	1.5	1.5	1.3	.4	.4	.4	2.0	2.0	1.7	.1	.1	.1
Contract construction..	16.9	17.2	15.7	14.5	15.0	14.5	62.5	65.0	61.3	18.8	19.7	17.9
Manufacturing.....	39.2	39.7	38.2	48.8	49.0	54.4	189.1	192.3	189.3	78.6	79.8	83.9
Trans. and pub. util...	16.6	16.7	15.6	14.8	14.7	14.4	104.1	104.4	100.5	10.9	10.9	10.3
Trade.....	50.7	53.0	48.4	58.0	61.5	56.2	234.0	248.6	225.4	46.8	51.1	43.0
Finance.....	9.1	9.1	8.6	12.8	12.8	12.2	80.8	80.9	77.6	10.1	10.1	9.6
Service.....	38.3	38.0	35.9	45.6	46.2	44.3	162.7	164.9	153.5	48.5	48.6	46.6
Government.....	61.9	62.1	58.4	65.7	65.9	64.2	216.9	221.1	206.8	42.1	42.7	39.1
CALIFORNIA - Continued												
Stockton			Denver			Bridgeport			Hartford			
TOTAL	65.9	68.9	64.0	362.3	370.6	362.7	130.4	134.5	129.8	260.2	266.8	253.7
Mining.....	.1	.1	.1	3.0	3.0	3.2	(5)	(5)	(5)	(5)	(5)	(5)
Contract construction..	3.3	3.6	3.3	20.4	21.9	22.4	4.4	5.3	4.2	10.9	12.0	10.5
Manufacturing.....	12.2	12.9	11.4	60.8	61.2	68.2	68.7	69.0	69.7	94.7	94.5	93.5
Trans. and pub. util...	5.4	5.8	5.8	29.9	30.3	29.9	5.6	5.7	5.5	9.8	9.9	9.6
Trade.....	15.3	16.6	14.9	92.5	98.3	88.1	23.0	24.9	22.6	50.4	54.8	48.1
Finance.....	2.5	2.5	2.4	23.2	23.2	23.0	3.9	4.0	3.6	34.0	34.1	33.7
Service.....	9.7	9.8	9.4	62.7	62.3	60.2	14.3	14.3	14.1	33.1	33.5	32.1
Government.....	17.4	17.6	16.7	69.8	70.4	67.7	10.6	11.2	10.2	27.2	28.0	26.2

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

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

(In thousands)

Industry division	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
	CONNECTICUT - Continued											
	New Britain			New Haven			Stamford			Waterbury		
TOTAL	40.5	41.4	40.3	133.8	135.7	127.4	62.0	64.2	63.0	67.6	69.0	66.9
Mining.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Contract construction..	1.1	1.3	1.1	7.4	8.0	6.7	2.9	3.4	2.7	1.7	2.0	1.5
Manufacturing.....	23.4	23.5	23.3	42.7	42.7	41.4	21.7	21.9	24.1	36.9	37.0	37.1
Trans. and pub. util...	1.9	1.9	1.9	12.7	12.5	12.5	2.8	2.8	2.8	2.8	2.9	2.8
Trade.....	6.0	6.5	6.0	26.2	27.2	24.8	13.7	15.1	13.2	10.2	10.9	9.9
Finance.....	.9	.9	.9	7.4	7.4	7.1	2.7	2.7	2.7	1.8	1.8	1.7
Service.....	4.0	4.1	4.0	24.4	24.3	22.7	11.9	11.8	11.4	7.9	7.9	7.7
Government.....	3.2	3.2	3.1	13.0	13.6	12.2	6.2	6.4	6.2	6.4	6.6	6.2
	DELAWARE			DISTRICT OF COLUMBIA			FLORIDA					
	Wilmington ¹			Washington ¹			Jacksonville ¹			Miami ¹		
TOTAL	156.4	159.8	148.6	876.6	900.6	844.6	156.6	161.8	152.6	350.7	348.9	343.4
Mining.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	9.3	9.9	7.7	55.0	60.2	55.6	11.5	11.6	9.7	20.0	20.6	19.9
Manufacturing.....	63.3	63.5	60.0	39.0	39.1	37.4	21.1	22.0	20.4	52.3	52.6	48.9
Trans. and pub. util...	8.0	8.6	8.7	47.3	48.2	45.8	15.2	17.1	16.4	35.4	35.9	34.8
Trade.....	29.2	31.1	27.9	171.4	184.7	162.5	44.3	46.4	43.0	96.5	97.5	96.2
Finance.....	6.3	6.2	6.0	51.1	51.5	48.9	14.5	14.7	14.5	24.1	24.0	23.9
Service.....	19.7	19.8	18.6	174.1	174.6	164.6	23.5	23.2	22.3	76.6	73.1	76.1
Government.....	20.6	20.7	19.7	338.7	342.3	329.8	26.5	26.8	26.3	45.8	45.2	43.6
	FLORIDA - Continued			GEORGIA			HAWAII					
	Tampa - St. Petersburg ¹			Atlanta ¹			Savannah ¹			Honolulu		
TOTAL	230.5	232.1	222.2	453.8	461.9	432.4	53.8	55.4	53.7	175.2	176.8	168.6
Mining.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	18.1	18.8	17.9	29.2	30.7	24.2	2.7	2.8	2.5	14.1	14.0	13.1
Manufacturing.....	40.9	41.2	39.5	103.5	102.7	98.7	14.5	14.7	14.3	14.9	14.8	16.0
Trans. and pub. util...	16.2	17.0	16.3	42.6	42.7	40.3	5.5	6.2	6.1	13.0	13.2	12.8
Trade.....	67.4	69.4	65.0	119.2	126.1	114.8	12.2	13.0	12.0	41.9	43.5	39.3
Finance.....	13.7	13.5	13.3	32.0	32.2	31.8	2.7	2.6	2.9	11.5	11.5	10.6
Service.....	39.0	36.9	37.3	63.9	64.3	60.4	7.1	7.1	7.0	32.2	32.0	30.0
Government.....	35.2	35.3	32.9	63.4	63.2	62.2	9.1	9.0	8.9	47.6	47.8	46.8
	IDAHO			ILLINOIS								
	Boise			Chicago ¹			Davenport - Rock Island - Moline			Peoria		
TOTAL	29.9	30.7	28.8	2,559.6	2,625.1	2,485.8	(6)	118.5	112.4	(6)	112.4	104.1
Mining.....	(3)	(3)	(3)	6.1	6.3	6.0	(6)	(5)	(5)	(6)	(5)	(5)
Contract construction..	1.8	2.0	1.5	84.6	90.5	83.4	(6)	5.2	4.4	(6)	6.0	4.7
Manufacturing.....	3.0	3.1	2.9	880.7	882.8	843.7	(6)	45.1	43.4	(6)	44.6	41.5
Trans. and pub. util...	2.8	2.8	2.7	189.4	193.9	189.3	(6)	6.1	6.2	(6)	6.2	6.3
Trade.....	8.2	8.6	8.2	562.0	597.6	545.0	(6)	25.5	23.3	(6)	25.4	22.6
Finance.....	2.2	2.2	2.2	154.6	155.2	154.4	(6)	4.5	4.4	(6)	4.2	4.1
Service.....	4.5	4.5	4.4	406.6	409.0	394.0	(6)	14.1	13.2	(6)	14.4	13.6
Government.....	7.4	7.5	6.9	275.8	289.8	269.9	(6)	17.9	17.5	(6)	11.7	11.3
	ILLINOIS - Continued			INDIANA								
	Rockford			Evansville			Fort Wayne			Indianapolis		
TOTAL	(6)	88.5	82.1	(6)	69.2	66.0	(6)	93.4	88.2	(6)	313.5	301.6
Mining.....	(6)	(5)	(5)	(6)	1.7	1.5	(6)	(3)	(3)	(6)	(3)	(3)
Contract construction..	(6)	4.0	3.2	(6)	3.0	2.5	(6)	3.8	3.5	(6)	11.7	11.4
Manufacturing.....	(6)	46.7	43.5	(6)	26.8	25.8	(6)	38.0	35.6	(6)	106.5	103.4
Trans. and pub. util...	(6)	3.1	3.0	(6)	4.5	4.4	(6)	6.8	6.5	(6)	21.9	21.3
Trade.....	(6)	16.4	15.0	(6)	15.6	14.6	(6)	21.1	19.7	(5)	71.5	66.4
Finance.....	(6)	2.7	2.7	(6)	2.5	2.5	(6)	4.9	4.9	(6)	21.5	21.3
Service.....	(6)	9.6	9.3	(6)	8.9	8.7	(6)	10.8	10.4	(6)	34.3	33.1
Government.....	(6)	6.0	5.4	(6)	6.2	6.0	(6)	8.0	7.6	(6)	46.1	44.7

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

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

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

(In thousands)

Industry division	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
	INDIANA - Continued			IOWA			KANSAS					
	South Bend			Des Moines			Topeka			Wichita		
TOTAL	(6)	77.4	75.7	103.0	104.0	102.9	51.0	51.6	50.1	128.9	131.4	126.2
Mining.....	(6)	(3)	(3)	(3)	(3)	(3)	.1	.1	.1	3.0	3.0	2.8
Contract construction..	(6)	2.6	2.4	4.1	4.5	3.9	2.4	2.7	2.5	4.6	4.6	4.8
Manufacturing.....	(6)	29.4	30.8	21.4	21.4	21.1	6.9	6.7	6.7	45.6	46.3	44.0
Trans. and pub. util...	(6)	3.9	3.6	7.7	7.4	8.0	6.9	7.0	6.9	7.1	7.1	7.1
Trade.....	(6)	17.4	15.8	27.5	28.3	26.9	10.7	11.4	10.3	28.8	30.4	28.2
Finance.....	(6)	4.4	4.3	11.2	11.6	12.1	3.0	3.0	2.9	5.9	5.9	5.9
Service.....	(6)	12.7	12.3	16.0	16.2	16.2	7.8	7.9	7.7	17.9	18.0	17.7
Government.....	(6)	7.0	6.5	15.4	14.8	14.9	13.4	12.9	13.3	16.3	16.3	15.9
	KENTUCKY			LOUISIANA								
	Louisville ¹			Baton Rouge ¹			New Orleans ²			Shreveport ¹		
TOTAL	262.7	267.5	249.7	79.2	80.8	73.7	327.4	330.5	311.6	76.4	77.7	73.8
Mining.....	(3)	(3)	(3)	.2	.2	.3	11.1	10.8	9.8	5.4	5.4	5.5
Contract construction..	11.2	11.9	10.4	8.5	8.7	6.9	24.3	24.4	20.4	6.0	6.2	4.9
Manufacturing.....	93.7	94.3	87.1	15.7	15.6	15.2	56.4	56.0	51.6	9.8	9.8	9.7
Trans. and pub. util...	20.8	20.9	20.3	4.7	4.7	4.4	40.8	42.5	41.3	8.6	8.6	8.4
Trade.....	56.6	59.5	54.6	16.7	18.4	15.5	78.2	80.2	75.0	19.9	20.8	19.2
Finance.....	13.7	13.8	13.3	4.0	3.9	3.8	19.0	19.0	18.8	3.8	3.9	3.9
Service.....	37.2	37.2	36.0	10.6	10.4	9.7	53.6	53.5	51.3	10.8	10.9	10.3
Government.....	29.4	29.9	28.0	18.7	18.9	18.0	43.9	44.1	43.4	12.1	12.1	11.9
	MAINE			MARYLAND			MASSACHUSETTS					
	Lewiston-Auburn ¹			Portland ¹			Baltimore ¹			Boston ²		
TOTAL	24.1	24.6	24.9	54.5	56.6	53.4	637.8	669.0	625.7	1,104.3	1,141.3	1,080.0
Mining.....	(3)	(3)	(3)	(3)	(3)	(3)	.9	.9	.9	(3)	(3)	(3)
Contract construction..	1.0	1.1	.9	3.2	3.5	2.8	32.9	39.1	31.4	49.5	52.6	40.5
Manufacturing.....	11.4	11.5	12.5	13.3	13.4	12.6	185.4	187.1	184.8	276.1	278.1	272.4
Trans. and pub. util...	.9	.9	.9	4.7	5.0	4.8	50.1	54.6	52.1	63.6	65.8	65.3
Trade.....	5.0	5.2	4.9	14.6	15.6	14.6	137.2	150.2	133.0	243.8	262.3	243.1
Finance.....	.8	.8	.8	4.0	4.0	4.1	33.9	34.9	33.9	77.1	77.9	76.4
Service.....	3.3	3.3	3.2	8.6	8.7	8.6	95.4	97.9	91.6	235.9	237.8	228.9
Government.....	1.7	1.8	1.7	6.1	6.4	5.9	102.0	104.3	98.0	158.3	166.8	153.4
	MASSACHUSETTS - Continued											
	Fall River ¹			New Bedford ¹			Springfield - Chicopee - Holyoke			Worcester		
TOTAL	41.6	42.2	41.5	48.3	50.0	48.5	172.0	177.2	170.3	114.2	116.9	112.2
Mining.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	(3)	(3)	(3)	1.3	1.6	1.2	5.7	6.3	5.3	3.5	4.2	3.3
Manufacturing.....	21.3	21.1	22.0	25.6	25.7	25.7	68.4	69.2	67.7	47.4	47.8	46.2
Trans. and pub. util...	1.5	1.5	1.5	2.1	2.2	2.3	7.6	7.6	7.7	3.9	4.0	4.2
Trade.....	8.1	8.7	7.9	8.5	9.3	8.7	33.2	36.2	33.2	21.4	22.1	21.2
Finance.....	(3)	(3)	(3)	(3)	(3)	(3)	8.5	8.5	8.5	5.7	5.8	5.6
Service.....	6.8	7.0	6.6	6.8	7.1	6.6	26.5	26.7	26.0	17.7	18.1	17.2
Government.....	3.9	3.9	3.5	4.0	4.1	4.0	22.1	22.7	21.9	14.6	14.9	14.5
	MICHIGAN											
	Detroit			Flint ²			Grand Rapids ²			Lansing		
TOTAL	1,297.0	1,318.0	1,229.9	145.2	147.7	137.7	154.9	159.6	152.7	101.0	104.3	96.3
Mining.....	.9	1.0	.8	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	48.2	48.9	46.4	4.9	4.9	3.5	5.6	6.7	5.9	3.5	4.2	3.2
Manufacturing.....	556.5	556.5	521.1	82.3	82.1	78.6	70.0	70.0	68.3	35.4	35.6	32.5
Trans. and pub. util...	71.7	71.4	66.8	4.9	4.7	4.7	9.2	9.3	9.2	3.1	3.2	3.3
Trade.....	254.7	270.3	235.9	21.3	23.9	20.0	30.4	33.1	29.9	17.5	19.3	16.9
Finance.....	55.5	55.4	53.9	3.2	3.2	3.0	5.5	5.5	5.4	3.3	3.4	3.2
Service.....	167.7	169.5	163.2	13.3	13.4	12.5	20.4	20.9	20.2	9.5	9.7	9.4
Government.....	141.8	145.0	141.7	15.4	15.5	15.4	13.7	14.2	13.8	28.6	29.0	27.9

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

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

(In thousands)

Industry division	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
	MICHIGAN - Continued						MINNESOTA					
	Muskegon - Muskegon Heights			Saginaw			Duluth - Superior ¹			Minneapolis - St. Paul ¹		
TOTAL	44.6	45.6	44.3	60.0	61.2	57.2	48.0	49.6	46.1	611.2	626.9	589.2
Mining.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	.9	1.2	1.1	2.4	2.7	2.3	1.9	2.1	1.6	27.0	30.5	25.9
Manufacturing.....	24.1	24.1	24.1	28.7	28.7	26.6	9.5	9.6	8.8	164.1	165.1	157.5
Trans. and pub. util...	2.2	2.2	2.3	4.6	4.7	4.5	6.6	7.3	5.8	50.0	50.3	49.0
Trade.....	7.1	7.5	6.9	11.1	12.0	11.1	11.4	12.0	11.0	153.3	162.7	146.0
Finance.....	1.2	1.2	1.1	1.6	1.6	1.5	2.0	2.0	2.1	38.0	38.2	38.0
Service.....	4.3	4.6	4.2	6.5	6.5	6.3	9.1	9.0	9.0	95.1	96.2	92.6
Government.....	4.7	4.7	4.6	5.1	5.2	5.0	7.6	7.6	7.8	83.7	83.8	80.0
	MISSISSIPPI			MISSOURI			MONTANA					
	Jackson ¹			Kansas City			St. Louis ²			Billings		
TOTAL	72.6	73.9	70.8	427.4	437.6	417.3	782.2	797.2	759.3	24.5	24.7	23.8
Mining.....	.9	1.0	1.1	.6	.6	.6	2.7	2.8	2.6	(3)	(3)	(3)
Contract construction..	4.2	4.5	4.0	20.3	22.1	19.1	41.1	43.7	32.7	1.5	1.7	1.5
Manufacturing.....	11.7	11.8	11.2	113.2	113.6	110.3	269.5	270.6	263.9	3.3	3.3	3.1
Trans. and pub. util...	4.5	4.5	4.6	44.5	45.0	44.0	61.3	62.9	62.5	2.6	2.6	2.6
Trade.....	17.1	17.8	16.2	104.4	110.5	102.8	160.7	169.4	156.5	7.4	7.5	7.2
Finance.....	5.2	5.2	5.1	28.1	28.2	27.7	39.6	39.7	39.7	1.4	1.4	1.4
Service.....	12.5	12.6	12.2	61.1	61.6	59.9	119.0	119.4	115.4	4.6	4.5	4.3
Government.....	16.5	16.5	16.5	55.2	56.0	52.9	88.3	88.7	86.0	3.7	3.7	3.7
	MONTANA - Continued			NEBRASKA			NEVADA			NEW HAMPSHIRE		
	Great Falls			Omaha ¹			Reno			Manchester		
TOTAL	20.9	21.5	20.8	168.2	171.3	165.6	42.0	43.3	39.4	43.4	44.3	42.6
Mining.....	(3)	(3)	(3)	(5)	(5)	(5)	(7)	(7)	(7)	(3)	(3)	(3)
Contract construction..	1.5	1.8	1.5	7.7	8.1	8.1	4.5	4.8	4.0	1.9	2.2	1.8
Manufacturing.....	3.1	3.1	3.1	36.2	36.3	34.9	2.3	2.3	2.3	16.8	16.8	16.7
Trans. and pub. util...	2.1	2.1	2.1	19.7	20.1	19.9	4.0	4.0	3.8	2.6	2.6	2.6
Trade.....	5.3	5.5	5.3	40.6	42.7	40.3	9.0	9.5	8.1	9.4	9.7	9.2
Finance.....	1.3	1.3	1.3	14.2	14.2	13.9	2.2	2.2	2.1	2.6	2.6	2.5
Service.....	3.5	3.6	3.5	27.1	27.2	26.3	12.2	12.6	12.0	6.5	6.6	6.3
Government.....	4.1	4.1	4.0	22.8	22.9	22.3	7.8	7.9	7.1	3.6	3.9	3.6
	NEW JERSEY ⁴											
	Jersey City ^{1 8}			Newark ^{1 8}			Paterson - Clifton - Passaic ^{1 8}			Perth Amboy ^{1 8}		
TOTAL	246.7	252.5	245.7	683.2	704.9	672.1	398.6	407.9	392.4	199.8	205.8	196.0
Mining.....	-	-	-	.8	.8	.9	.4	.4	.4	.7	.7	.7
Contract construction..	5.6	6.1	5.2	26.5	29.5	24.9	19.7	21.8	17.6	9.0	10.3	8.1
Manufacturing.....	109.7	110.7	109.1	233.6	238.2	231.6	163.6	163.7	164.9	92.5	94.6	93.6
Trans. and pub. util...	33.6	36.1	35.3	51.1	51.9	51.1	22.7	23.1	22.9	9.7	9.8	9.6
Trade.....	37.1	38.5	35.9	133.5	144.2	132.6	88.6	93.8	85.3	34.5	36.5	33.4
Finance.....	8.7	8.8	8.8	48.2	48.4	47.2	14.0	14.1	13.6	4.2	4.2	4.0
Service.....	24.7	24.7	24.2	106.3	108.4	103.7	50.7	51.5	50.3	19.5	19.8	18.7
Government.....	27.3	27.6	27.2	83.2	83.5	80.1	38.9	39.5	37.4	29.7	29.9	27.9
	NEW JERSEY - Continued			NEW MEXICO			NEW YORK					
	Trenton ¹			Albuquerque			Albany - Schenectady - Troy ¹			Binghamton ²		
TOTAL	114.7	117.1	111.7	91.6	93.9	87.7	235.3	241.4	229.4	93.7	96.0	91.0
Mining.....	.1	.1	.1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	4.6	5.0	3.7	8.1	8.3	7.0	8.8	9.3	7.0	2.5	2.9	2.8
Manufacturing.....	40.3	40.3	39.9	8.6	8.6	8.6	61.8	61.8	60.4	43.9	44.0	41.6
Trans. and pub. util...	6.1	6.2	6.0	6.2	6.3	6.4	13.1	13.6	13.6	1.6	1.6	1.7
Trade.....	18.8	20.4	18.1	21.1	22.4	20.0	46.1	49.4	45.2	15.1	16.3	15.0
Finance.....	4.4	4.4	4.4	5.9	5.9	5.7	9.5	9.5	9.6	2.8	2.8	2.7
Service.....	18.6	18.9	18.4	21.0	21.2	20.1	37.8	38.2	35.9	9.8	9.9	9.6
Government.....	21.8	21.8	21.1	20.7	21.2	19.9	58.2	59.6	57.7	15.1	15.4	14.5

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

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

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

(In thousands)

Industry division	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
	NEW YORK - Continued											
	Buffalo ¹			Elmira ^{1 9}			Nassau and Suffolk Counties ^{1 10}			New York-Northeastern New Jersey		
TOTAL	435.0	447.8	421.0	33.2	33.6	31.8	524.6	547.4	511.5	(6)	5,996.5	5,780.9
Mining.....	(3)	(3)	(3)	-	-	-	(3)	(3)	(3)	(6)	4.4	4.3
Contract construction..	15.0	16.2	13.6	-	-	-	29.9	36.2	30.0	(6)	227.2	216.0
Manufacturing.....	172.2	171.7	164.1	13.8	13.9	13.3	123.1	124.5	133.9	(6)	1,683.4	1,658.8
Trans. and pub. util...	30.0	31.1	30.0	-	-	-	25.3	25.7	24.2	(6)	478.4	467.0
Trade.....	84.7	91.7	82.7	6.5	6.7	6.2	134.3	146.9	123.8	(6)	1,295.9	1,204.2
Finance.....	16.3	16.4	16.2	-	-	-	23.6	23.3	22.0	(6)	505.1	502.2
Service.....	56.5	56.9	54.9	-	-	-	88.9	90.2	82.9	(6)	1,008.0	978.8
Government.....	60.4	63.7	59.5	-	-	-	99.4	100.6	94.7	(6)	794.1	749.6
NEW YORK - Continued												
	New York SMSA ⁸			New York City ¹⁰			Rochester ²			Syracuse ¹		
TOTAL	(6)	4,450.8	4,294.8	(6)	3,618.5	3,504.0	287.9	297.5	273.8	187.1	192.7	183.7
Mining.....	(6)	2.4	2.2	(6)	1.8	1.7	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	(6)	160.6	160.6	(6)	113.4	119.0	11.5	12.9	9.7	7.1	8.3	6.7
Manufacturing.....	(6)	1,086.3	1,065.5	(6)	874.5	849.1	128.0	130.0	121.2	63.0	63.2	62.0
Trans. and pub. util...	(6)	358.8	350.1	(6)	314.1	308.3	12.6	12.8	12.5	12.3	12.5	12.3
Trade.....	(6)	981.4	916.2	(6)	771.3	730.9	51.8	55.4	49.3	39.0	42.2	38.8
Finance.....	(6)	430.9	429.9	(6)	394.7	394.9	9.5	9.5	9.3	9.6	9.6	9.5
Service.....	(6)	805.5	782.7	(6)	666.4	649.0	38.5	39.2	36.8	28.1	28.3	27.6
Government.....	(6)	624.9	587.7	(6)	482.2	451.0	36.0	37.7	35.0	27.9	28.6	26.8
NEW YORK - Continued												
	Utica - Rome ¹			Westchester County ^{1 10}			Charlotte ²			Greensboro - High Point		
TOTAL	98.4	101.5	99.5	250.2	260.2	241.6	131.8	133.7	126.8	-	-	-
Mining.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	-	-	-
Contract construction..	2.1	2.4	2.0	12.3	14.6	12.3	9.4	9.6	8.5	6.0	6.3	5.0
Manufacturing.....	36.2	36.9	36.2	70.6	71.0	66.6	33.5	33.9	32.6	44.8	44.8	44.1
Trans. and pub. util...	5.3	5.2	5.5	16.7	16.6	15.9	14.5	14.6	13.9	5.5	5.5	5.3
Trade.....	15.7	16.9	16.2	55.2	60.2	53.0	35.3	36.3	34.2	22.1	23.7	20.8
Finance.....	3.9	4.0	4.0	12.2	11.8	12.0	8.8	8.8	8.7	6.5	6.5	6.2
Service.....	10.9	11.1	10.8	49.0	50.0	48.2	16.8	17.0	16.0	-	-	-
Government.....	24.4	25.0	24.9	34.2	35.9	33.4	13.5	13.5	12.9	-	-	-
NORTH CAROLINA - Continued												
	Winston - Salem ¹			Fargo - Moorhead ¹			Akron ²			Canton ¹		
TOTAL	-	-	-	32.5	33.2	31.3	201.1	206.7	192.0	114.7	117.6	106.3
Mining.....	-	-	-	(3)	(3)	(3)	.2	.2	.2	.3	.3	.2
Contract construction..	-	-	-	1.8	2.1	1.9	5.8	6.2	5.0	3.1	3.4	2.7
Manufacturing.....	36.3	37.5	37.6	2.5	2.5	2.4	90.6	90.8	86.9	57.8	57.9	51.7
Trans. and pub. util...	-	-	-	3.0	3.0	2.8	13.1	13.4	12.8	5.9	6.0	5.9
Trade.....	-	-	-	10.1	10.4	9.9	37.8	41.1	35.8	20.7	22.5	19.5
Finance.....	-	-	-	2.0	2.0	2.0	5.6	5.7	5.6	3.7	3.9	3.7
Service.....	-	-	-	6.1	6.2	5.8	23.8	24.0	23.2	12.9	13.0	12.7
Government.....	-	-	-	7.1	7.1	6.5	24.1	25.3	22.5	10.3	10.6	9.9
OHIO - Continued												
	Cincinnati ²			Cleveland ²			Columbus ²			Dayton ²		
TOTAL	416.2	429.1	408.0	740.0	761.4	713.9	300.1	310.7	287.1	270.1	276.5	257.8
Mining.....	.4	.4	.4	.9	1.0	.8	.8	.9	.7	.4	.4	.4
Contract construction..	16.1	18.0	14.2	30.1	32.4	25.1	11.6	13.3	11.2	8.9	9.9	7.8
Manufacturing.....	148.1	149.2	146.0	284.3	283.7	281.3	78.8	79.5	78.0	111.5	111.5	105.7
Trans. and pub. util...	31.1	31.8	31.1	45.5	46.3	44.6	18.6	18.8	18.0	10.0	10.2	10.0
Trade.....	89.9	95.9	86.5	152.9	165.2	144.9	64.3	70.8	59.0	48.0	52.7	45.2
Finance.....	23.0	23.3	22.8	35.2	35.4	34.6	18.9	19.1	18.2	7.4	7.5	7.1
Service.....	55.5	56.5	54.8	102.3	102.1	97.3	43.8	44.0	41.3	34.3	34.6	32.9
Government.....	52.1	53.9	52.1	88.7	95.2	85.3	63.4	64.4	60.7	49.5	49.7	48.8

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

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

(In thousands)

Industry division	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
	OHIO - Continued						OKLAHOMA					
	Toledo ²			Youngstown - Warren ¹			Oklahoma City ¹			Tulsa ¹		
TOTAL.....	196.2	201.2	188.3	165.6	168.5	151.5	205.3	207.4	197.5	146.9	147.2	137.2
Mining.....	.2	.3	.3	.4	.4	.5	6.8	6.7	6.5	12.6	12.7	12.4
Contract construction..	7.0	7.6	5.5	5.9	6.4	4.9	12.4	13.1	12.7	9.7	9.4	7.5
Manufacturing.....	74.8	75.1	73.6	80.1	79.1	70.5	26.1	26.1	24.9	33.4	32.9	30.9
Trans. and pub. util...	13.8	14.1	13.1	8.7	8.8	8.4	13.5	13.7	13.0	14.2	14.1	13.6
Trade.....	42.3	45.2	40.2	29.5	32.0	27.8	49.9	51.6	46.4	34.1	35.2	31.6
Finance.....	6.5	6.5	6.4	4.3	4.3	4.2	13.2	13.1	12.8	7.1	7.2	7.2
Service.....	26.9	27.1	25.8	20.6	20.8	19.8	28.6	28.6	27.2	21.6	21.5	20.3
Government.....	24.7	25.2	23.4	16.1	16.6	15.4	54.8	54.5	54.0	14.2	14.2	13.7
	OREGON						PENNSYLVANIA					
	Portland			Allentown - Bethlehem - Easton			Altoona			Erie		
TOTAL.....	291.6	300.1	281.9	188.5	188.6	180.8	41.9	42.7	40.7	80.9	82.6	77.6
Mining.....	(3)	(3)	(3)	.5	.5	.5	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	13.9	14.8	12.9	6.3	6.8	5.5	1.4	1.5	1.3	2.1	2.3	2.1
Manufacturing.....	66.4	67.6	64.5	97.7	94.7	92.5	12.2	12.2	11.7	39.3	39.4	36.2
Trans. and pub. util...	27.3	27.3	26.5	10.6	10.8	10.4	9.1	9.1	9.0	4.6	4.8	4.5
Trade.....	72.2	77.1	70.7	29.3	31.8	29.2	7.0	7.8	6.9	13.5	14.5	13.5
Finance.....	17.4	17.3	16.8	5.3	5.3	5.2	1.1	1.1	1.1	2.6	2.6	2.6
Service.....	45.1	45.4	43.7	23.0	22.9	22.5	5.8	5.8	5.7	10.2	10.4	10.1
Government.....	49.3	50.6	46.8	15.8	15.8	15.0	5.3	5.2	5.0	8.6	8.6	8.6
	PENNSYLVANIA - Continued						PENNSYLVANIA - Continued					
	Harrisburg ²			Johnstown			Lancaster			Philadelphia		
TOTAL.....	154.3	157.4	148.3	70.0	71.4	67.3	99.7	101.6	96.0	1,520.8	1,569.9	1,506.0
Mining.....	(3)	(3)	(3)	5.0	5.0	4.8	(3)	(3)	(3)	1.3	1.3	1.2
Contract construction..	6.8	7.2	5.4	1.9	2.1	2.0	5.2	5.6	4.2	67.0	73.4	57.5
Manufacturing.....	35.4	35.2	34.1	25.4	25.5	23.9	48.9	49.3	46.8	537.1	541.0	527.9
Trans. and pub. util...	12.3	12.6	12.4	4.9	4.9	4.7	4.9	4.9	4.8	100.4	107.3	105.3
Trade.....	26.5	28.6	25.9	11.6	12.6	11.4	17.1	18.1	16.7	300.8	326.9	300.0
Finance.....	6.8	6.9	6.7	1.7	1.7	1.7	2.3	2.3	2.4	82.9	84.0	83.8
Service.....	20.5	20.6	19.1	9.6	9.7	9.3	12.6	12.7	12.6	230.8	234.7	230.6
Government.....	46.0	46.3	44.7	9.9	9.9	9.5	8.7	8.7	8.5	200.5	201.3	199.7
	PENNSYLVANIA - Continued						PENNSYLVANIA - Continued					
	Pittsburgh			Reading			Scranton			Wilkes-Barre - Hazleton		
TOTAL.....	763.1	782.7	739.1	106.2	108.2	103.6	75.0	76.5	74.7	106.1	106.7	102.8
Mining.....	9.5	9.6	9.2	(3)	(3)	(3)	1.2	1.2	1.2	3.9	4.0	4.1
Contract construction..	29.5	31.9	28.4	3.4	3.8	3.1	1.5	1.6	1.3	2.7	2.8	2.6
Manufacturing.....	281.7	283.3	267.0	53.5	53.4	52.4	31.5	31.9	31.1	45.4	45.1	42.9
Trans. and pub. util...	55.2	56.2	54.2	5.5	5.6	5.6	5.6	5.6	5.9	5.8	5.8	5.9
Trade.....	146.0	158.1	143.6	15.8	17.0	15.4	13.5	14.4	13.8	19.1	19.8	18.3
Finance.....	32.5	32.6	32.9	4.2	4.3	4.2	2.4	2.4	2.4	3.5	3.5	3.4
Service.....	126.4	128.3	123.5	13.4	13.6	13.2	10.7	10.8	10.7	12.6	12.7	12.6
Government.....	82.3	82.7	80.3	10.4	10.5	9.7	8.6	8.6	8.3	13.1	13.0	13.0
	PENNSYLVANIA - Continued						RHODE ISLAND			SOUTH CAROLINA		
	York ²			Providence - Pawtucket Warwick ²			Charleston ²			Columbia ¹		
TOTAL.....	106.1	109.4	99.8	310.0	320.8	299.9	67.1	68.5	64.9	80.1	80.5	76.9
Mining.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	5.0	5.4	4.3	12.0	14.7	10.4	4.9	5.0	4.3	5.8	5.8	4.8
Manufacturing.....	54.2	55.4	48.8	131.9	133.4	126.6	11.6	11.3	11.2	15.7	15.6	15.1
Trans. and pub. util...	5.5	5.5	5.3	14.0	14.2	13.6	3.7	4.4	4.2	4.9	4.9	4.9
Trade.....	17.4	19.0	16.9	55.7	60.0	54.2	13.9	14.7	13.0	17.1	17.6	16.7
Finance.....	2.3	2.3	2.3	13.6	13.6	13.4	2.8	2.8	2.7	5.8	5.7	5.6
Service.....	11.9	12.0	11.5	42.6	43.8	41.8	7.7	7.6	7.6	9.9	9.8	9.8
Government.....	9.8	9.8	10.7	40.2	41.1	39.9	22.5	22.7	21.9	20.9	21.1	20.0

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

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

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

(In thousands)

Industry division	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
	SOUTH CAROLINA - Continued			SOUTH DAKOTA			TENNESSEE					
	Greenville ¹			Sioux Falls			Chattanooga			Knoxville ¹		
TOTAL	95.0	95.5	91.8	29.4	30.1	28.9	101.0	102.9	95.9	126.4	128.5	119.9
Mining.....	(3)	(3)	(3)	(3)	(3)	(3)	.2	.2	.2	1.7	1.7	1.7
Contract construction..	6.1	6.1	5.8	1.3	1.6	1.3	4.8	4.9	2.9	5.3	5.5	4.5
Manufacturing.....	47.7	47.5	45.7	5.4	5.4	5.3	42.3	42.4	40.3	43.8	43.7	42.8
Trans. and pub. util...	3.5	3.5	3.4	2.8	2.8	2.8	4.7	4.7	4.7	6.6	6.7	6.5
Trade.....	15.6	16.3	15.3	9.3	9.4	8.9	19.3	20.9	18.5	25.7	27.6	24.4
Finance.....	3.6	3.6	3.5	1.8	1.8	1.7	5.7	5.7	5.6	4.5	4.5	4.2
Service.....	10.0	10.0	9.9	5.2	5.3	5.1	11.6	11.7	11.3	15.1	15.1	14.1
Government.....	8.5	8.5	8.2	3.8	3.9	3.8	12.4	12.4	12.3	23.7	23.7	21.7
	TENNESSEE - Continued						TEXAS					
	Memphis ¹			Nashville			Dallas ¹			Fort Worth ¹		
TOTAL	213.3	218.5	207.0	171.7	174.9	166.2	461.3	469.4	446.3	-	-	-
Mining.....	.2	.2	.2	(3)	(3)	(3)	7.7	7.7	7.8	-	-	-
Contract construction..	11.3	11.6	10.5	9.5	10.0	8.8	28.3	28.7	27.2	-	-	-
Manufacturing.....	48.5	48.9	46.2	52.0	52.2	49.9	113.8	113.2	110.1	59.0	59.5	55.7
Trans. and pub. util...	16.7	16.9	16.3	11.0	11.2	10.5	36.8	37.0	35.8	-	-	-
Trade.....	56.0	60.0	54.6	36.0	38.5	35.3	123.8	132.4	119.5	-	-	-
Finance.....	12.0	11.9	11.3	11.6	11.5	11.4	38.4	38.5	37.8	-	-	-
Service.....	32.1	32.3	31.7	27.0	27.0	26.3	63.7	63.0	61.4	-	-	-
Government.....	36.5	36.7	36.2	24.6	24.5	24.0	48.8	48.9	46.7	-	-	-
	TEXAS - Continued						UTAH			VERMONT		
	Houston ¹			San Antonio ²			Salt Lake City			Burlington ⁹		
TOTAL	-	-	-	-	-	-	(6)	164.8	156.5	22.3	23.1	20.9
Mining.....	-	-	-	-	-	-	(6)	6.8	6.3	-	-	-
Contract construction..	-	-	-	11.6	11.4	11.0	(6)	10.4	8.2	-	-	-
Manufacturing.....	101.8	101.6	96.0	25.5	25.7	25.2	(6)	28.9	29.4	4.9	5.0	4.3
Trans. and pub. util...	-	-	-	9.5	9.6	9.4	(6)	13.7	13.6	1.5	1.5	1.5
Trade.....	-	-	-	-	-	-	(6)	44.8	40.7	5.2	5.7	5.0
Finance.....	-	-	-	12.9	13.0	12.8	(6)	9.9	9.7	-	-	-
Service.....	-	-	-	-	-	-	(6)	22.9	22.2	-	-	-
Government.....	-	-	-	56.9	56.9	56.5	(6)	27.4	26.4	-	-	-
	VERMONT - Continued						VIRGINIA					
	Springfield ⁹			Newport News - Hampton			Norfolk - Portsmouth ¹			Richmond ¹		
TOTAL	11.9	12.1	11.7	80.2	82.8	75.9	160.4	166.4	156.6	192.9	197.1	185.1
Mining.....	-	-	-	(3)	(3)	(3)	.1	.1	.1	.2	.2	.2
Contract construction..	-	-	-	5.2	5.5	4.0	12.6	13.6	10.4	12.8	13.6	12.4
Manufacturing.....	6.7	6.6	6.4	26.3	26.9	24.3	17.2	17.5	16.4	48.4	48.7	45.9
Trans. and pub. util...	.7	.8	.8	3.5	3.9	4.0	12.9	14.6	14.7	15.5	15.6	15.1
Trade.....	1.6	1.7	1.6	13.2	14.4	12.0	39.6	42.1	38.1	44.1	46.3	42.4
Finance.....	-	-	-	2.3	2.3	2.3	6.9	6.9	6.6	14.9	14.9	14.6
Service.....	-	-	-	8.2	8.2	8.0	21.4	21.5	20.5	24.6	24.8	23.3
Government.....	-	-	-	21.5	21.6	21.3	49.7	50.1	49.8	32.4	33.0	31.2
	VIRGINIA - Continued						WASHINGTON					
	Roanoke ¹			Seattle - Everett			Spokane			Tacoma		
TOTAL	65.2	66.7	61.9	389.3	398.3	386.5	71.6	73.7	71.0	81.0	83.2	78.4
Mining.....	.1	.1	.1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	4.1	4.6	3.2	16.6	17.3	16.0	2.5	2.7	2.6	3.4	3.7	3.4
Manufacturing.....	15.7	15.8	14.8	109.1	109.1	111.5	11.9	11.9	11.9	17.2	17.3	16.7
Trans. and pub. util...	9.0	8.9	8.8	29.2	29.4	29.1	7.0	7.0	7.0	5.5	5.4	5.4
Trade.....	14.9	15.8	14.3	87.5	93.3	87.2	19.0	20.8	19.1	17.7	18.9	16.9
Finance.....	3.4	3.4	3.2	24.8	24.8	24.9	4.2	4.2	4.1	4.2	4.2	4.0
Service.....	9.7	9.8	9.5	53.7	54.4	52.6	13.3	13.3	12.8	12.1	12.3	11.6
Government.....	8.3	8.3	8.0	68.4	70.0	65.2	13.7	13.8	13.5	20.9	21.4	20.4

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

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

(In thousands)

Industry division	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
	WEST VIRGINIA						WISCONSIN					
	Charleston			Huntington - Ashland			Wheeling			Green Bay ¹		
TOTAL	74.0	76.1	75.9	71.0	73.7	69.1	51.1	52.7	49.0	41.5	42.6	40.0
Mining.....	3.4	3.4	3.6	.9	.9	.9	2.5	2.6	2.5	(3)	(3)	(3)
Contract construction..	2.4	2.7	2.4	3.0	4.0	2.8	2.9	3.3	2.0	1.6	1.9	1.8
Manufacturing.....	21.1	21.3	22.6	25.2	25.2	23.6	15.7	16.0	15.1	13.9	13.9	13.2
Trans. and pub. util...	8.5	8.5	8.5	6.7	6.8	7.0	3.7	3.7	3.6	3.7	3.8	3.6
Trade.....	16.0	17.8	16.0	15.4	16.8	15.3	10.9	11.9	11.0	10.5	11.1	9.9
Finance.....	3.2	3.3	3.2	2.8	2.7	2.6	1.9	1.9	1.9	1.2	1.2	1.1
Service.....	9.4	9.4	9.7	7.8	7.9	7.9	7.7	7.7	7.4	6.1	6.2	5.9
Government.....	10.1	9.9	10.0	9.5	9.5	9.3	5.9	5.9	5.7	4.5	4.5	4.2
	WISCONSIN - Continued											
	Kenosha ¹			La Crosse ¹			Madison ¹			Milwaukee ¹		
TOTAL	37.2	37.8	37.7	24.2	24.3	23.0	87.4	89.9	84.1	486.1	496.2	466.3
Mining.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Contract construction..	1.1	1.1	1.1	.9	1.0	.8	4.3	5.1	4.0	20.4	21.5	17.2
Manufacturing.....	22.0	22.3	22.7	7.9	7.7	7.3	13.9	14.1	13.4	198.6	198.9	191.6
Trans. and pub. util...	1.5	1.6	1.7	2.0	2.0	1.9	4.7	4.7	4.5	27.6	28.0	26.9
Trade.....	4.9	5.2	4.8	5.6	5.9	5.4	18.2	19.6	17.4	99.5	106.0	95.4
Finance.....	.7	.7	.6	.6	.5	.6	4.7	4.7	4.5	23.5	23.6	23.0
Service.....	3.9	3.9	3.9	4.2	4.2	4.1	12.3	12.4	11.7	63.3	63.8	61.5
Government.....	3.0	3.1	2.9	3.0	3.0	3.0	29.2	29.3	28.6	53.2	54.5	50.7
	WISCONSIN - Continued											
	Racine ¹			Casper			Cheyenne			California - Continued Anaheim - Santa Ana - Garden Grove		
TOTAL	49.5	50.1	46.3	17.4	17.9	16.8	18.1	18.3	18.1	284.9	288.3	262.3
Mining.....	(3)	(3)	(3)	3.1	3.2	3.2	(3)	(3)	(3)	1.7	1.6	1.6
Contract construction..	1.7	1.6	1.5	1.0	1.0	1.0	1.5	1.6	2.2	25.8	25.8	23.9
Manufacturing.....	25.1	24.9	22.5	1.5	1.5	1.4	1.8	1.8	1.3	93.5	93.3	89.8
Trans. and pub. util...	1.9	1.9	1.9	1.6	1.6	1.6	2.5	2.5	2.5	9.3	9.1	8.6
Trade.....	8.5	9.1	8.3	4.4	4.8	4.1	4.0	4.1	4.1	59.0	62.2	53.3
Finance.....	1.3	1.3	1.2	.8	.8	.8	1.0	1.0	.9	12.6	12.6	11.5
Service.....	5.8	5.9	5.7	2.4	2.4	2.1	2.2	2.2	2.1	40.7	40.9	36.1
Government.....	5.3	5.4	5.1	2.6	2.6	2.6	5.1	5.1	5.0	42.3	42.8	37.5
	CALIFORNIA - Continued			NEW JERSEY - Continued								
	Vallejo - Napa			Atlantic City								
TOTAL	52.6	54.0	50.0	47.6	50.0	46.1						
Mining.....	.2	.2	.2	-	-	-						
Contract construction..	2.2	2.4	2.1	3.2	3.4	3.0						
Manufacturing.....	4.8	4.9	4.3	8.2	8.4	7.8						
Trans. and pub. util...	2.7	2.7	2.6	3.4	3.4	3.4						
Trade.....	9.4	10.1	8.5	11.6	12.9	11.9						
Finance.....	1.7	1.7	1.6	2.9	2.9	2.9						
Service.....	7.0	7.2	6.8	9.8	10.3	9.0						
Government.....	24.6	24.8	23.9	8.5	8.7	8.1						

¹ Revised series; not strictly comparable with previously published data.

² Area definition revised; see following page for coverage.

³ Combined with service.

⁴ See end of table for additional areas.

⁵ Combined with construction.

⁶ Not available.

⁷ Combined with manufacturing.

⁸ Area included in New York-Northeastern New Jersey Standard Consolidated Area.

⁹ Total includes data for industry divisions not shown separately.

¹⁰ 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
AREA EMPLOYMENT**

Revised area definitions for Table B-8

Mobile.....Baldwin and Mobile Counties, Alabama.
 Fort Smith.....Sebastian and Crawford Counties, Arkansas; LeFlore and Sequoyah Counties, Oklahoma.
 New Orleans.....Jefferson, Orleans, St. Bernard, and St. Tammany Parishes, Louisiana.
 Boston.....Suffolk County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and
 Woburn cities, and Arlington, Ashland, Bedford, Belmont, Burlington, Concord, Framingham,
 Lexington, Lincoln, Natick, North Reading, Reading, Sherborn, Stoneham, Sudbury, Wakefield,
 Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly,
 Lynn, Peabody, and Salem cities, and Danvers, Hamilton, Lynnfield, Manchester, Marblehead,
 Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy
 city, and Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Millis,
 Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth
 towns in Norfolk County; Duxbury, Hanover, Hingham, Hull, Marshfield, Norwell, Pembroke,
 Rockland, and Scituate towns in Plymouth County, Massachusetts.
 Flint.....Genesee and Lapeer Counties, Michigan.
 Grand Rapids.....Kent and Ottawa Counties, Michigan.
 St. Louis.....St. Louis city, and Franklin, Jefferson, St. Charles and St. Louis Counties, Missouri; Madison
 and St. Clair Counties, Illinois.
 Binghamton.....Broome and Tioga Counties, New York; Susquehanna County, Pennsylvania.
 Rochester.....Livingston, Monroe, Orleans, and Wayne Counties, New York.
 Charlotte.....Mecklenburg and Union Counties, North Carolina.
 Akron.....Portage and Summit Counties, Ohio.
 Cincinnati.....Clermont, Hamilton, and Warren Counties, Ohio; Boone, Campbell, and Kenton Counties, Kentucky;
 Dearborn County, Indiana.
 Cleveland.....Cuyahoga, Geauga, Lake, and Medina Counties, Ohio.
 Columbus.....Delaware, Franklin, and Pickaway Counties, Ohio.
 Dayton.....Greene, Miami, Montgomery, and Preble Counties, Ohio.
 Toledo.....Lucas and Wood Counties, Ohio; Monroe County, Michigan.
 Harrisburg.....Cumberland, Dauphin, and Perry Counties, Pennsylvania.
 York.....Adams and York Counties, Pennsylvania.
 Providence-Pawtucket-Warwick....Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and
 Burrillville, Cumberland, Glocester, Johnston, Lincoln, North Providence, North Smithfield,
 and Smithfield towns in Providence County; Narragansett, North Kingstown, and South Kingstown
 towns in Washington County; Warwick city, and Coventry, East Greenwich, and West Warwick towns in
 Kent County; Jamestown town in Newport County; all of Bristol County, Rhode Island; Attleboro
 city, and North Attleboro, Rehoboth, and Seekonk towns in Bristol County; Bellingham, Franklin,
 Plainville, and Wrentham towns in Norfolk County; Blackstone and Millville towns in Worcester
 County, Massachusetts.
 Charleston.....Berkeley and Charleston Counties, South Carolina.
 San Antonio.....Bexar and Guadalupe Counties, Texas.

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.....	50.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....	82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....	89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....	96.56	40.4	2.39	104.70	40.9	2.56	85.93	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: February.....	101.15	40.3	2.51	110.29	41.0	2.69	89.44	39.4	2.27
March.....	101.40	40.4	2.51	110.29	41.0	2.69	89.67	39.5	2.27
April.....	102.47	40.5	2.53	111.51	41.3	2.70	89.83	39.4	2.28
May.....	102.97	40.7	2.53	112.47	41.5	2.71	90.91	39.7	2.29
June.....	103.48	40.9	2.53	113.01	41.7	2.71	91.37	39.9	2.29
July.....	102.97	40.7	2.53	111.92	41.3	2.71	91.14	39.8	2.29
August.....	103.07	40.9	2.52	112.47	41.5	2.71	91.83	40.1	2.29
September.....	104.60	40.7	2.57	114.13	41.5	2.75	91.87	39.6	2.32
October.....	102.97	40.7	2.53	111.51	41.3	2.70	92.00	40.0	2.30
November.....	104.70	40.9	2.56	113.57	41.6	2.73	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	115.79	41.8	2.77	92.50	39.7	2.33
February.....	106.19	41.0	2.59	115.79	41.8	2.77	92.73	39.8	2.33

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
MINING	-	\$120.89	\$121.09	\$115.49	\$118.01	-	\$2.92	\$2.89	\$2.81	\$2.83
METAL MINING	-	124.38	127.80	121.93	122.72	-	2.99	3.00	2.91	2.95
Iron ores	-	123.64	127.80	125.02	125.83	-	3.13	3.14	3.11	3.13
Copper ores	-	134.11	137.02	127.28	130.42	-	3.09	3.10	2.96	3.04
COAL MINING	-	136.22	135.20	125.29	126.88	-	3.44	3.33	3.18	*3.26
Bituminous	-	138.80	138.17	127.12	129.10	-	3.47	3.37	3.21	*3.30
CRUDE PETROLEUM AND NATURAL GAS	-	116.20	114.53	112.71	113.40	-	2.76	2.74	2.69	2.70
Crude petroleum and natural gas fields	-	124.53	122.40	122.43	120.95	-	3.03	3.00	2.95	2.95
Oil and gas field services	-	109.82	108.63	104.66	106.57	-	2.56	2.55	2.48	2.49
QUARRYING AND NONMETALLIC MINING	-	107.52	109.82	102.34	113.54	-	2.54	2.56	2.49	2.54
CONTRACT CONSTRUCTION	-	131.41	133.22	121.74	132.06	-	3.62	3.62	3.57	3.55
GENERAL BUILDING CONTRACTORS	-	121.42	123.87	110.85	122.06	-	3.43	3.46	3.39	3.40
HEAVY CONSTRUCTION	-	125.05	126.10	118.22	132.02	-	3.19	3.25	3.23	3.22
Highway and street construction	-	117.51	117.73	110.52	128.65	-	2.99	3.09	3.07	3.10
Other heavy construction	-	131.77	134.30	124.32	135.74	-	3.37	3.40	3.36	3.36
SPECIAL TRADE CONTRACTORS	-	139.68	142.42	129.24	138.34	-	3.88	3.87	3.79	3.79
MANUFACTURING	\$106.19	105.93	106.81	100.30	102.97	\$2.59	2.59	2.58	2.52	2.53
DURABLE GOODS	115.79	115.79	117.17	109.21	112.19	2.77	2.77	2.77	2.69	2.71
NONDURABLE GOODS	92.73	92.50	93.26	88.24	90.91	2.33	2.33	2.32	2.28	2.29
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	125.46	126.48	126.48	121.47	121.60	3.06	3.07	3.07	2.97	3.01
Ammunition, except for small arms	128.74	130.41	129.68	124.12	123.41	3.14	3.15	3.14	3.02	3.07
Sighting and fire control equipment	-	123.91	126.14	128.15	129.34	-	3.09	3.13	3.18	3.17
Other ordnance and accessories	118.08	118.49	119.48	114.62	116.40	2.88	2.89	2.90	2.83	2.86
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	83.35	82.78	83.95	80.29	85.60	2.11	2.08	2.12	2.08	2.14
Sawmills and planing mills	77.03	77.21	77.81	74.10	78.60	1.96	1.94	1.96	1.95	1.96
Sawmills and planing mills, general	-	78.80	78.99	75.40	80.60	-	1.99	2.01	2.00	2.02
Millwork, plywood, and related products	91.25	91.71	93.94	89.02	93.34	2.27	2.27	2.28	2.22	2.26
Millwork	-	89.89	91.48	87.56	90.32	-	2.27	2.27	2.20	2.23
Veneer and plywood	-	95.08	96.87	92.29	96.44	-	2.28	2.29	2.24	2.28
Wooden containers	68.21	69.60	70.88	64.84	69.25	1.74	1.74	1.75	1.72	1.74
Wooden boxes, shooks, and crates	-	67.70	68.71	62.87	67.54	-	1.68	1.68	1.65	1.68
Miscellaneous wood products	76.40	76.21	77.90	74.24	76.92	1.91	1.91	1.90	1.87	1.89
FURNITURE AND FIXTURES	85.90	84.46	88.40	79.59	84.26	2.08	2.07	2.08	2.02	2.05
Household furniture	81.97	80.16	84.97	75.25	80.34	1.98	1.96	1.99	1.91	1.95
Wood house furniture, upholstered	-	76.99	79.61	71.69	75.96	-	1.82	1.83	1.77	1.80
Wood house furniture, upholstered	-	83.81	94.81	79.84	85.63	-	2.16	2.21	2.09	2.13
Mattresses and bedsprings	-	87.25	87.96	80.73	86.15	-	2.22	2.21	2.13	2.17
Office furniture	-	100.43	101.88	94.80	97.88	-	2.42	2.42	2.37	2.37
Partitions; office and store fixtures	-	107.73	107.98	100.62	105.85	-	2.66	2.64	2.58	2.62
Other furniture and fixtures	89.16	87.26	91.79	83.92	87.54	2.18	2.16	2.17	2.13	2.13
STONE, CLAY, AND GLASS PRODUCTS	105.01	104.19	106.14	99.50	105.83	2.58	2.56	2.57	2.50	2.55
Flat glass	-	147.05	146.46	137.90	144.14	-	3.46	3.43	3.38	3.44
Glass and glassware, pressed or blown	104.45	103.94	104.70	100.00	102.21	2.56	2.56	2.56	2.50	2.53
Glass containers	-	105.78	106.55	100.50	103.53	-	2.58	2.58	2.50	2.55
Pressed and blown glassware, n.e.c.	-	102.11	102.62	98.85	100.50	-	2.54	2.54	2.49	2.50
Cement, hydraulic	121.13	118.96	119.72	116.81	121.30	2.94	2.93	2.92	2.87	2.93
Structural clay products	91.17	90.76	92.29	84.67	91.05	2.24	2.23	2.24	2.16	2.21
Brick and structural clay tile	-	84.25	86.73	78.20	86.31	-	2.04	2.06	2.00	2.05
Pottery and related products	-	92.12	94.71	90.02	92.73	-	2.35	2.35	2.32	2.33
Concrete, gypsum, and plaster products	101.45	101.34	104.24	96.19	108.28	2.53	2.49	2.53	2.46	2.53
Other stone and mineral products	107.90	106.19	108.94	102.82	107.01	2.60	2.59	2.60	2.52	2.56
Abrasive products	-	106.66	108.94	101.63	107.45	-	2.64	2.67	2.56	2.64

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 hours					Average overtime hours				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
MINING	-	41.4	41.9	41.1	41.7	-	-	-	-	-
METAL MINING	-	41.6	42.6	41.9	41.6	-	-	-	-	-
Iron ores	-	39.5	40.7	40.2	40.2	-	-	-	-	-
Copper ores	-	43.4	44.2	43.0	42.9	-	-	-	-	-
COAL MINING	-	39.6	40.6	39.4	*39.0	-	-	-	-	-
Bituminous	-	40.0	41.0	39.6	*39.2	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS	-	42.1	41.8	41.9	42.0	-	-	-	-	-
Crude petroleum and natural gas fields	-	41.1	40.8	41.5	41.0	-	-	-	-	-
Oil and gas field services	-	42.9	42.6	42.2	42.8	-	-	-	-	-
QUARRYING AND NONMETALLIC MINING	-	42.5	42.9	41.1	44.7	-	-	-	-	-
CONTRACT CONSTRUCTION	-	36.3	36.8	34.1	37.2	-	-	-	-	-
GENERAL BUILDING CONTRACTORS	-	35.4	35.8	32.7	35.9	-	-	-	-	-
HEAVY CONSTRUCTION	-	39.2	38.8	36.6	41.0	-	-	-	-	-
Highway and street construction	-	39.3	38.1	36.0	41.5	-	-	-	-	-
Other heavy construction	-	39.1	39.5	37.0	40.4	-	-	-	-	-
SPECIAL TRADE CONTRACTORS	-	36.0	36.8	34.1	36.5	-	-	-	-	-
MANUFACTURING	41.0	40.9	41.4	39.8	40.7	3.3	3.2	3.6	2.7	3.1
DURABLE GOODS	41.8	41.8	42.3	40.6	41.4	3.6	3.5	4.0	2.9	3.3
NONDURABLE GOODS	39.8	39.7	40.2	38.7	39.7	2.9	2.8	3.1	2.5	2.9
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	41.0	41.2	41.2	40.9	40.4	-	2.2	2.0	1.9	1.8
Ammunition, except for small arms	41.0	41.4	41.3	41.1	40.2	-	2.5	2.0	2.2	1.7
Sighting and fire control equipment	-	40.1	40.3	40.3	40.8	-	.5	1.2	1.1	1.3
Other ordnance and accessories	41.0	41.0	41.2	40.5	40.7	-	1.9	2.2	1.5	2.0
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	39.5	39.8	39.6	38.6	40.0	-	3.1	3.3	2.9	3.4
Sawmills and planing mills	39.3	39.8	39.7	38.0	40.1	-	3.1	3.1	2.7	3.3
Sawmills and planing mills, general	-	39.6	39.3	37.7	39.9	-	-	-	-	-
Millwork, plywood, and related products	40.2	40.4	41.2	40.1	41.3	-	3.1	3.5	3.1	3.6
Millwork	-	39.6	40.3	39.8	40.5	-	-	-	-	-
Veneer and plywood	-	41.7	42.3	41.2	42.3	-	-	-	-	-
Wooden containers	39.2	40.0	40.5	37.7	39.8	-	2.7	3.1	2.1	2.8
Wooden boxes, shooks, and crates	-	40.3	40.9	38.1	40.2	-	-	-	-	-
Miscellaneous wood products	40.0	39.9	41.0	39.7	40.7	-	3.1	3.4	2.6	3.2
FURNITURE AND FIXTURES	41.3	40.8	42.5	39.4	41.1	-	3.1	4.2	2.5	3.2
Household furniture	41.4	40.9	42.7	39.4	41.2	-	3.3	4.5	2.8	3.4
Wood house furniture, upholstered	-	42.3	43.5	40.5	42.2	-	-	-	-	-
Wood house furniture, upholstered	-	38.8	42.9	38.2	40.2	-	-	-	-	-
Mattresses and bedsprings	-	39.3	39.8	37.9	39.7	-	-	-	-	-
Office furniture	-	41.5	42.1	40.0	41.3	-	2.7	3.4	1.7	2.5
Partitions; office and store fixtures	-	40.5	40.9	39.0	40.4	-	2.4	2.6	1.3	2.4
Other furniture and fixtures	40.9	40.4	42.3	39.4	41.1	-	2.6	3.8	2.1	3.1
STONE, CLAY, AND GLASS PRODUCTS	40.7	40.7	41.3	39.8	41.5	-	3.3	3.5	3.0	3.8
Flat glass	-	42.5	42.7	40.8	41.9	-	4.6	4.0	3.4	3.7
Glass and glassware, pressed or blown	40.8	40.6	40.9	40.0	40.4	-	3.5	3.7	3.4	3.6
Glass containers	-	41.0	41.3	40.2	40.6	-	-	-	-	-
Pressed and blown glassware, n.e.c.	-	40.2	40.4	39.7	40.2	-	-	-	-	-
Cement, hydraulic	41.2	40.6	41.0	40.7	41.4	-	1.8	1.7	1.9	2.1
Structural clay products	40.7	40.7	41.2	39.2	41.2	-	3.0	3.1	2.4	3.3
Brick and structural clay tile	-	41.3	42.1	39.1	42.1	-	-	-	-	-
Pottery and related products	-	39.2	40.3	38.8	39.8	-	1.7	2.1	1.7	2.0
Concrete, gypsum, and plaster products	40.1	40.7	41.2	39.1	42.8	-	4.1	4.4	3.5	5.5
Other stone and mineral products	41.5	41.0	41.9	40.8	41.8	-	2.8	3.2	2.8	3.3
Abrasive products	-	40.4	40.8	39.7	40.7	-	-	-	-	-

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	\$133.98	\$132.93	\$133.14	\$125.77	\$130.00	\$3.16	\$3.15	\$3.14	\$3.06	\$3.11
Blast furnace and basic steel products	142.38	142.12	141.36	133.06	138.43	3.39	3.40	3.39	3.31	3.36
Blast furnaces, steel and rolling mills	-	143.10	142.35	134.00	140.15	-	3.44	3.43	3.35	3.41
Iron and steel foundries	124.12	123.12	124.68	117.87	119.41	2.86	2.85	2.84	2.78	2.79
Gray iron foundries	-	122.36	124.88	115.06	118.09	-	2.80	2.80	2.72	2.74
Malleable iron foundries	-	127.01	122.38	125.58	122.83	-	2.94	2.90	2.93	2.89
Steel foundries	-	122.67	125.42	121.11	121.40	-	2.90	2.91	2.87	2.87
Nonferrous smelting and refining	119.72	120.89	122.22	120.25	120.64	2.92	2.92	2.91	2.87	2.90
Nonferrous rolling, drawing and extruding	126.28	124.98	125.85	120.98	122.26	2.93	2.92	2.92	2.84	2.87
Copper rolling, drawing, and extruding	-	128.40	130.20	127.44	126.85	-	3.00	3.00	2.95	2.95
Aluminum rolling, drawing, and extruding	-	127.07	129.63	125.58	125.82	-	3.04	3.05	2.99	3.01
Nonferrous wire drawing and insulating	-	121.21	119.78	112.99	116.10	-	2.78	2.76	2.64	2.70
Nonferrous foundries	112.71	112.83	112.67	108.50	110.12	2.69	2.68	2.67	2.64	2.66
Aluminum castings	-	113.79	112.25	111.49	111.22	-	2.69	2.66	2.68	2.68
Other nonferrous castings	-	112.29	112.67	105.56	108.77	-	2.68	2.67	2.60	2.64
Miscellaneous primary metal industries	142.13	142.13	141.81	130.41	134.62	3.29	3.29	3.26	3.15	3.19
Iron and steel forgings	-	146.72	146.45	132.44	137.70	-	3.42	3.39	3.27	3.31
FABRICATED METAL PRODUCTS	114.66	113.70	116.03	108.39	111.76	2.73	2.72	2.73	2.65	2.68
Metal cans	134.47	130.59	130.24	131.63	131.82	3.12	3.08	3.05	3.09	3.08
Cutlery, hand tools, and general hardware	112.25	109.45	110.35	105.11	106.97	2.66	2.65	2.64	2.57	2.59
Cutlery and hand tools, including saws	-	102.16	104.83	96.71	101.02	-	2.51	2.52	2.43	2.47
Hardware, n.e.c.	-	113.57	113.82	109.98	110.24	-	2.73	2.71	2.65	2.65
Heating equipment and plumbing fixtures	101.38	101.63	104.34	99.94	103.17	2.56	2.56	2.57	2.53	2.56
Sanitary ware and plumbers' brass goods	-	101.77	105.15	101.12	103.72	-	2.57	2.59	2.56	2.58
Heating equipment, except electric	-	101.49	103.79	99.40	103.02	-	2.55	2.55	2.51	2.55
Fabricated structural metal products	110.16	110.16	112.59	105.86	109.86	2.70	2.70	2.70	2.64	2.66
Fabricated structural steel	-	111.79	113.57	107.87	112.74	-	2.72	2.73	2.67	2.71
Metal doors, sash, frames, and trim	-	95.20	98.06	90.25	94.37	-	2.38	2.38	2.32	2.33
Fabricated plate work (boiler shops)	-	116.76	119.71	114.12	116.20	-	2.80	2.81	2.77	2.78
Sheet metal work	-	114.67	118.29	110.70	114.40	-	2.79	2.83	2.74	2.77
Architectural and miscellaneous metal work	-	106.23	111.38	101.92	109.75	-	2.71	2.71	2.62	2.69
Screw machine products, bolts, etc.	120.05	117.55	117.12	110.56	113.42	2.71	2.69	2.68	2.62	2.65
Screw machine products	-	113.26	110.93	104.16	107.18	-	2.58	2.55	2.48	2.51
Bolts, nuts, screws, rivets, and washers	-	121.37	122.20	115.48	118.13	-	2.79	2.79	2.73	2.76
Metal stampings	128.04	128.92	133.35	121.13	123.41	2.93	2.95	2.99	2.85	2.87
Coating, engraving, and allied services	98.81	100.60	102.30	95.27	98.64	2.41	2.43	2.43	2.37	2.40
Miscellaneous fabricated wire products	102.75	101.60	103.07	96.96	99.46	2.47	2.46	2.46	2.40	2.42
Miscellaneous fabricated metal products	111.90	109.88	112.71	104.00	108.65	2.69	2.68	2.69	2.60	2.65
Valves, pipe, and pipe fittings	-	114.68	115.78	105.74	110.83	-	2.75	2.75	2.65	2.69
MACHINERY	125.99	125.56	126.44	118.43	121.69	2.93	2.92	2.92	2.84	2.87
Engines and turbines	129.37	128.02	132.82	123.51	127.30	3.14	3.13	3.17	3.08	3.12
Steam engines and turbines	-	134.20	143.22	130.26	135.47	-	3.33	3.41	3.34	3.37
Internal combustion engines, n.e.c.	-	125.66	128.63	120.07	123.71	-	3.05	3.07	2.95	3.01
Farm machinery and equipment	-	122.93	121.51	117.29	118.40	-	2.92	2.90	2.84	2.86
Construction and related machinery	123.81	122.80	123.38	118.14	120.25	2.92	2.91	2.91	2.84	2.87
Construction and mining machinery	-	125.28	124.68	119.77	120.95	-	2.99	2.99	2.90	2.95
Oil field machinery and equipment	-	118.92	119.46	114.21	118.86	-	2.74	2.74	2.70	2.72
Conveyors, hoists, and industrial cranes	-	118.72	122.36	116.47	119.26	-	2.80	2.80	2.76	2.78
Metalworking machinery and equipment	144.87	142.38	143.18	133.90	137.51	3.17	3.15	3.14	3.05	3.09
Machine tools, metal cutting types	-	136.50	139.23	126.28	132.01	-	3.04	3.04	2.93	2.98
Special dies, tools, jigs, and fixtures	-	159.87	156.91	153.97	153.58	-	3.38	3.36	3.29	3.31
Machine tool accessories	-	126.29	127.02	114.95	119.56	-	2.91	2.90	2.79	2.84
Miscellaneous metalworking machinery	-	130.94	136.19	122.64	128.60	-	3.01	3.04	2.92	2.97
Special industry machinery	117.94	118.48	121.00	110.62	114.86	2.73	2.73	2.75	2.64	2.69
Food products machinery	-	122.25	121.40	113.98	117.88	-	2.89	2.87	2.78	2.82
Textile machinery	-	102.26	103.40	94.62	96.60	-	2.34	2.35	2.28	2.30
General industrial machinery	124.98	124.39	125.85	116.60	120.83	2.92	2.92	2.92	2.83	2.87
Pumps; air and gas compressors	-	122.26	123.67	112.75	117.32	-	2.83	2.83	2.73	2.78
Ball and roller bearings	-	126.78	126.35	120.83	122.72	-	2.99	2.98	2.94	2.95
Mechanical power transmission goods	-	126.87	128.19	119.56	123.70	-	2.93	2.92	2.84	2.87
Office, computing, and accounting machines	123.85	124.27	123.85	113.87	119.66	2.97	2.98	2.97	2.89	2.94
Computing machines and cash registers	-	132.19	131.77	120.12	126.45	-	3.17	3.16	3.08	3.13
Service industry machines	108.00	109.75	110.00	104.12	107.16	2.66	2.69	2.67	2.59	2.62
Refrigeration, except home refrigerators	-	111.66	110.02	104.78	107.57	-	2.73	2.69	2.60	2.63
Miscellaneous machinery	119.90	120.45	121.00	113.21	115.83	2.75	2.75	2.75	2.67	2.70
Machine shops, jobbing and repair	-	-	117.82	110.99	114.11	-	-	2.69	2.63	2.66
Machine parts, n.e.c., except electrical	-	-	126.98	117.58	119.13	-	-	2.86	2.76	2.79

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				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	42.4	42.2	42.4	41.1	41.8	-	3.6	3.6	2.9	3.2
Blast furnace and basic steel products	42.0	41.8	41.7	40.2	41.2	-	2.7	2.7	1.7	2.4
Blast furnaces, steel and rolling mills	-	41.6	41.5	40.0	41.1	-	-	-	-	-
Iron and steel foundries	43.4	43.2	43.9	42.4	42.8	-	5.2	5.4	4.7	4.7
Gray iron foundries	-	43.7	44.6	42.3	43.1	-	-	-	-	-
Malleable iron foundries	-	43.2	42.2	43.2	42.5	-	-	-	-	-
Steel foundries	-	42.3	43.1	42.2	42.3	-	-	-	-	-
Nonferrous smelting and refining	41.0	41.4	42.0	41.9	41.6	-	3.2	3.3	3.2	3.1
Nonferrous rolling, drawing and extruding	43.1	42.8	43.1	42.6	42.6	-	4.3	4.2	4.0	3.9
Copper rolling, drawing, and extruding	-	42.8	43.4	43.2	43.0	-	-	-	-	-
Aluminum rolling, drawing, and extruding	-	41.8	42.5	42.0	41.8	-	-	-	-	-
Nonferrous wire drawing and insulating	-	43.6	43.4	42.8	43.0	-	-	-	-	-
Nonferrous foundries	41.9	42.1	42.2	41.1	41.4	-	4.1	3.7	3.1	3.2
Aluminum castings	-	42.3	42.2	41.6	41.5	-	-	-	-	-
Other nonferrous castings	-	41.9	42.2	40.6	41.2	-	-	-	-	-
Miscellaneous primary metal industries	43.2	43.2	43.5	41.4	42.2	-	4.6	4.8	3.6	4.0
Iron and steel forgings	-	42.9	43.2	40.5	41.6	-	-	-	-	-
FABRICATED METAL PRODUCTS	42.0	41.8	42.5	40.9	41.7	-	3.5	3.9	2.9	3.4
Metal cans	43.1	42.4	42.7	42.8	42.8	-	3.7	3.0	4.1	3.8
Cutlery, hand tools, and general hardware	42.2	41.3	41.8	40.9	41.3	-	3.2	3.5	3.0	3.1
Cutlery and hand tools, including saws	-	40.7	41.6	39.8	40.9	-	-	-	-	-
Hardware, n.e.c.	-	41.6	42.0	41.5	41.6	-	-	-	-	-
Heating equipment and plumbing fixtures	39.6	39.7	40.6	39.5	40.3	-	1.6	2.3	1.9	2.2
Sanitary ware and plumbers' brass goods	-	39.6	40.6	39.5	40.2	-	-	-	-	-
Heating equipment, except electric	-	39.8	40.7	39.6	40.4	-	-	-	-	-
Fabricated structural metal products	40.8	40.8	41.7	40.1	41.3	-	2.7	3.3	2.2	3.0
Fabricated structural steel	-	41.1	41.6	40.4	41.6	-	-	-	-	-
Metal doors, sash, frames, and trim	-	40.0	41.2	38.9	40.5	-	-	-	-	-
Fabricated plate work (boiler shops)	-	41.7	42.6	41.2	41.8	-	-	-	-	-
Sheet metal work	-	41.1	41.8	40.4	41.3	-	-	-	-	-
Architectural and miscellaneous metal work	-	39.2	41.1	38.9	40.8	-	-	-	-	-
Screw machine products, bolts, etc.	44.3	43.7	43.7	42.2	42.8	-	4.8	4.9	3.9	4.2
Screw machine products	-	43.9	43.5	42.0	42.7	-	-	-	-	-
Bolts, nuts, screws, rivets, and washers	-	43.5	43.8	42.3	42.8	-	-	-	-	-
Metal stampings	43.7	43.7	44.6	42.5	43.0	-	5.3	5.9	3.9	4.5
Coating, engraving, and allied services	41.0	41.4	42.1	40.2	41.1	-	3.7	4.1	3.5	3.6
Miscellaneous fabricated wire products	41.6	41.3	41.9	40.4	41.1	-	3.4	3.4	2.6	3.1
Miscellaneous fabricated metal products	41.6	41.0	41.9	40.0	41.0	-	2.6	3.1	2.3	2.7
Valves, pipe, and pipe fittings	-	41.7	42.1	39.9	41.2	-	-	-	-	-
MACHINERY	43.0	43.0	43.3	41.7	42.4	-	4.2	4.5	3.5	3.9
Engines and turbines	41.2	40.9	41.9	40.1	40.8	-	3.2	4.1	2.4	3.1
Steam engines and turbines	-	40.3	42.0	39.0	40.2	-	-	-	-	-
Internal combustion engines, n.e.c.	-	41.2	41.9	40.7	41.1	-	-	-	-	-
Farm machinery and equipment	-	42.1	41.9	41.3	41.4	-	3.0	2.7	2.8	2.6
Construction and related machinery	42.4	42.2	42.4	41.6	41.9	-	3.6	3.8	3.2	3.5
Construction and mining machinery	-	41.9	41.7	41.3	41.0	-	-	-	-	-
Oil field machinery and equipment	-	43.4	43.6	42.3	43.7	-	-	-	-	-
Conveyors, hoists, and industrial cranes	-	42.4	43.7	42.2	42.9	-	-	-	-	-
Metalworking machinery and equipment	45.7	45.2	45.6	43.9	44.5	-	6.3	6.7	5.6	5.9
Machine tools, metal cutting types	-	44.9	45.8	43.1	44.3	-	-	-	-	-
Special dies, tools, jigs, and fixtures	-	47.3	46.7	46.8	46.4	-	-	-	-	-
Machine tool accessories	-	43.4	43.8	41.2	42.1	-	-	-	-	-
Miscellaneous metalworking machinery	-	43.5	44.8	42.0	43.3	-	-	-	-	-
Special industry machinery	43.2	43.4	44.0	41.9	42.7	-	4.5	5.0	3.5	4.1
Food products machinery	-	42.3	42.3	41.0	41.8	-	-	-	-	-
Textile machinery	-	43.7	44.0	41.5	42.0	-	-	-	-	-
General industrial machinery	42.8	42.6	43.1	41.2	42.1	-	3.8	4.1	2.9	3.5
Pumps; air and gas compressors	-	43.2	43.7	41.3	42.2	-	-	-	-	-
Ball and roller bearings	-	42.4	42.4	41.1	41.6	-	-	-	-	-
Mechanical power transmission goods	-	43.3	43.9	42.1	43.1	-	-	-	-	-
Office, computing, and accounting machines	41.7	41.7	41.7	39.4	40.7	-	2.6	2.8	1.2	1.9
Computing machines and cash registers	-	41.7	41.7	39.0	40.4	-	-	-	-	-
Service industry machines	40.6	40.8	41.2	40.2	40.9	-	2.4	2.4	1.9	2.3
Refrigeration, except home refrigerators	-	40.9	40.9	40.3	40.9	-	-	-	-	-
Miscellaneous machinery	43.6	43.8	44.0	42.4	42.9	-	5.1	5.5	4.4	4.7
Machine shops, jobbing and repair	-	-	43.8	42.2	42.9	-	-	-	-	-
Machine parts, n.e.c., except electrical	-	-	44.4	42.6	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, by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	\$104.70	\$104.70	\$106.50	\$100.00	\$102.31	\$2.56	\$2.56	\$2.56	\$2.50	\$2.52
Electric distribution equipment	108.95	109.48	115.21	107.33	111.51	2.69	2.69	2.73	2.67	2.70
Electric measuring instruments	-	99.05	101.27	97.51	99.14	-	2.47	2.47	2.45	2.46
Power and distribution transformers	-	113.44	119.56	108.94	114.13	-	2.76	2.80	2.71	2.75
Switchgear and switchboard apparatus	-	115.62	123.26	113.93	119.70	-	2.82	2.88	2.82	2.85
Electrical industrial apparatus	110.81	110.54	114.06	106.49	109.56	2.67	2.67	2.69	2.61	2.64
Motors and generators	-	111.92	116.03	109.61	111.37	-	2.71	2.73	2.68	2.69
Industrial controls	-	108.36	112.36	101.15	107.23	-	2.63	2.65	2.51	2.59
Household appliances	114.82	113.71	114.13	104.80	108.95	2.76	2.76	2.75	2.66	2.69
Household refrigerators and freezers	-	127.08	124.62	114.45	117.33	-	2.99	2.96	2.84	2.89
Household laundry equipment	-	110.95	111.52	104.29	112.46	-	2.76	2.74	2.73	2.77
Electric housewares and fans	-	97.02	99.14	90.09	93.06	-	2.45	2.43	2.34	2.35
Electric lighting and wiring equipment	97.20	97.68	97.27	93.14	95.68	2.40	2.40	2.39	2.37	2.38
Electric lamps	-	103.16	99.70	98.55	99.05	-	2.51	2.48	2.47	2.47
Lighting fixtures	-	98.49	98.40	93.99	96.88	-	2.42	2.40	2.41	2.41
Wiring devices	-	94.13	95.06	89.77	92.86	-	2.33	2.33	2.29	2.31
Radio and TV receiving sets	88.59	89.67	91.30	87.86	87.86	2.26	2.27	2.26	2.23	2.23
Communication equipment	115.92	114.81	116.90	109.35	112.07	2.80	2.78	2.79	2.70	2.74
Telephone and telegraph apparatus	-	118.16	121.41	108.27	114.68	-	2.82	2.83	2.68	2.77
Radio and TV communication equipment	-	112.61	113.71	109.76	110.84	-	2.76	2.76	2.71	2.73
Electronic components and accessories	88.73	88.07	88.97	83.67	86.00	2.18	2.18	2.17	2.14	2.15
Electron tubes	-	100.77	102.06	97.27	99.05	-	2.44	2.43	2.39	2.41
Electronic components, n.e.c.	-	84.21	85.47	79.52	81.97	-	2.10	2.10	2.06	2.07
Miscellaneous electrical equipment and supplies	117.88	117.74	119.26	111.90	108.81	2.82	2.81	2.78	2.69	2.68
Electrical equipment for engines	-	123.65	124.26	116.88	114.33	-	2.93	2.91	2.83	2.83
TRANSPORTATION EQUIPMENT	137.81	137.81	140.80	127.82	130.20	3.19	3.19	3.20	3.08	3.10
Motor vehicles and equipment	(2)	149.28	153.72	134.20	138.03	(2)	3.31	3.32	3.18	3.21
Motor vehicles	-	159.59	168.56	135.53	143.99	-	3.41	3.44	3.25	3.31
Passenger car bodies	-	158.69	167.92	136.20	142.30	-	3.48	3.55	3.33	3.38
Truck and bus bodies	-	109.45	110.66	105.97	106.60	-	2.65	2.66	2.61	2.60
Motor vehicle parts and accessories	-	144.09	144.30	137.69	137.38	-	3.26	3.25	3.18	3.18
Aircraft and parts	129.38	128.44	129.07	123.30	125.36	3.11	3.11	3.11	3.00	3.05
Aircraft	-	126.58	126.67	122.40	123.53	-	3.11	3.12	3.00	3.05
Aircraft engines and engine parts	-	132.40	132.93	124.44	127.31	-	3.16	3.15	3.05	3.09
Other aircraft parts and equipment	-	126.84	129.56	124.79	126.78	-	3.02	3.02	2.95	2.99
Ship and boat building and repairing	120.30	118.40	123.52	118.40	121.80	3.00	2.99	3.02	2.96	3.00
Ship building and repairing	-	123.32	130.29	125.83	128.21	-	3.13	3.17	3.13	3.15
Boat building and repairing	-	93.73	91.54	89.27	92.23	-	2.32	2.30	2.26	2.30
Railroad equipment	-	128.47	133.12	123.82	127.08	-	3.18	3.20	3.08	3.13
Other transportation equipment	-	90.35	92.34	87.64	93.48	-	2.27	2.28	2.23	2.28
INSTRUMENTS AND RELATED PRODUCTS	106.97	106.45	107.74	100.15	103.63	2.59	2.59	2.59	2.51	2.54
Engineering and scientific instruments	-	123.55	123.61	115.31	119.19	-	2.97	2.95	2.89	2.90
Mechanical measuring and control devices	106.23	106.49	108.99	100.30	104.19	2.61	2.61	2.62	2.52	2.56
Mechanical measuring devices	-	107.57	111.14	101.49	106.19	-	2.63	2.64	2.55	2.59
Automatic temperature controls	-	104.75	105.26	98.70	101.81	-	2.58	2.58	2.48	2.52
Optical and ophthalmic goods	98.33	96.05	97.81	92.21	94.39	2.33	2.32	2.34	2.26	2.28
Surgical, medical, and dental equipment	89.87	89.42	90.72	84.41	87.82	2.23	2.23	2.24	2.17	2.19
Photographic equipment and supplies	(2)	125.21	126.42	116.57	121.09	(2)	2.96	2.94	2.85	2.89
Watches and clocks	-	88.07	86.55	80.98	84.50	-	2.16	2.18	2.12	2.15
MISCELLANEOUS MANUFACTURING INDUSTRIES	84.99	84.14	85.44	80.26	82.37	2.13	2.13	2.12	2.09	2.08
Jewelry, silverware, and plated ware	90.63	89.95	98.90	84.97	90.94	2.26	2.26	2.30	2.19	2.24
Toys, amusement, and sporting goods	-	75.08	74.30	71.80	74.11	-	1.95	1.91	1.93	1.91
Toys, games, dolls, and play vehicles	-	71.25	70.67	68.78	71.42	-	1.89	1.85	1.90	1.86
Sporting and athletic goods, n.e.c.	-	80.40	82.01	75.45	78.80	-	2.02	2.03	1.97	1.99
Pens, pencils, office and art materials	-	78.56	82.82	75.24	78.80	-	2.03	2.05	1.98	2.00
Costume jewelry, buttons, and notions	-	77.62	78.00	73.15	76.22	-	1.97	1.95	1.92	1.92
Other manufacturing industries	91.23	91.43	91.94	86.85	88.98	2.27	2.28	2.27	2.21	2.23
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	98.33	99.80	100.19	95.91	97.75	2.44	2.44	2.42	2.38	2.39
Meat products	104.52	110.83	112.32	105.11	105.98	2.60	2.62	2.60	2.57	2.56
Meat packing	-	130.23	133.50	124.12	125.13	-	2.98	2.96	2.90	2.91
Sausages and other prepared meats	-	112.19	116.03	108.67	111.24	-	2.71	2.73	2.67	2.70
Poultry dressing and packing	-	61.15	61.23	55.69	58.37	-	1.56	1.57	1.53	1.54

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 hours					Average overtime hours				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	40.9	40.9	41.6	40.0	40.6	-	2.5	3.0	2.0	2.3
Electric distribution equipment	40.5	40.7	42.2	40.2	41.3	-	2.2	3.3	1.9	2.6
Electric measuring instruments	-	40.1	41.0	39.8	40.3	-	-	-	-	-
Power and distribution transformers	-	41.1	42.7	40.2	41.5	-	-	-	-	-
Switchgear and switchboard apparatus	-	41.0	42.8	40.4	42.0	-	-	-	-	-
Electrical industrial apparatus	41.5	41.4	42.4	40.8	41.5	-	2.9	3.8	2.7	3.0
Motors and generators	-	41.3	42.5	40.9	41.4	-	-	-	-	-
Industrial controls	-	41.2	42.4	40.3	41.4	-	-	-	-	-
Household appliances	41.6	41.2	41.5	39.4	40.5	-	2.7	2.9	1.4	2.2
Household refrigerators and freezers	-	42.5	42.1	40.3	40.6	-	-	-	-	-
Household laundry equipment	-	40.2	40.7	38.2	40.6	-	-	-	-	-
Electric housewares and fans	-	39.6	40.8	38.5	39.6	-	-	-	-	-
Electric lighting and wiring equipment	40.5	40.7	40.7	39.3	40.2	-	2.3	2.4	2.0	2.1
Electric lamps	-	41.1	40.2	39.9	40.1	-	-	-	-	-
Lighting fixtures	-	40.7	41.0	39.0	40.2	-	-	-	-	-
Wiring devices	-	40.4	40.8	39.2	40.2	-	-	-	-	-
Radio and TV receiving sets	39.2	39.5	40.4	39.4	39.4	-	1.6	2.5	1.5	1.7
Communication equipment	41.4	41.3	41.9	40.5	40.9	-	2.5	3.0	1.8	2.2
Telephone and telegraph apparatus	-	41.9	42.9	40.4	41.4	-	-	-	-	-
Radio and TV communication equipment	-	40.8	41.2	40.5	40.6	-	-	-	-	-
Electronic components and accessories	40.7	40.4	41.0	39.1	40.0	-	2.3	2.6	2.0	2.1
Electron tubes	-	41.3	42.0	40.7	41.1	-	-	-	-	-
Electronic components, n.e.c.	-	40.1	40.7	38.6	39.6	-	-	-	-	-
Miscellaneous electrical equipment and supplies	41.8	41.9	42.9	41.6	40.6	-	3.9	4.3	3.2	2.6
Electrical equipment for engines	-	42.2	42.7	41.3	40.4	-	-	-	-	-
TRANSPORTATION EQUIPMENT	43.2	43.2	44.0	41.5	42.0	-	4.9	5.7	3.6	3.9
Motor vehicles and equipment	(2)	45.1	46.3	42.2	43.0	-	6.8	7.8	4.6	5.0
Motor vehicles	-	46.8	49.0	41.7	43.5	-	-	-	-	-
Passenger car bodies	-	45.6	47.3	40.9	42.1	-	-	-	-	-
Truck and bus bodies	-	41.3	41.6	40.6	41.0	-	-	-	-	-
Motor vehicle parts and accessories	-	44.2	44.4	43.3	43.2	-	-	-	-	-
Aircraft and parts	41.6	41.3	41.5	41.1	41.1	-	2.8	2.9	2.5	2.5
Aircraft	-	40.7	40.6	40.8	40.5	-	-	-	-	-
Aircraft engines and engine parts	-	41.9	42.2	40.8	41.2	-	-	-	-	-
Other aircraft parts and equipment	-	42.0	42.9	42.3	42.4	-	-	-	-	-
Ship and boat building and repairing	40.1	39.6	40.9	40.0	40.6	-	2.7	3.6	2.7	3.1
Ship building and repairing	-	39.4	41.1	40.2	40.7	-	-	-	-	-
Boat building and repairing	-	40.4	39.8	39.5	40.1	-	-	-	-	-
Railroad equipment	-	40.4	41.6	40.2	40.6	-	2.7	3.6	1.9	2.7
Other transportation equipment	-	39.8	40.5	39.3	41.0	-	2.4	2.7	2.3	3.1
INSTRUMENTS AND RELATED PRODUCTS	41.3	41.1	41.6	39.9	40.8	-	2.6	3.0	2.1	2.5
Engineering and scientific instruments	-	41.6	41.9	39.9	41.1	-	3.3	3.0	2.6	2.6
Mechanical measuring and control devices	40.7	40.8	41.6	39.8	40.7	-	2.5	3.3	2.1	2.5
Mechanical measuring devices	-	40.9	42.1	39.8	41.0	-	-	-	-	-
Automatic temperature controls	-	40.6	40.8	39.8	40.4	-	-	-	-	-
Optical and ophthalmic goods	42.2	41.4	41.8	40.8	41.4	-	2.4	2.7	2.0	2.4
Surgical, medical, and dental equipment	40.3	40.1	40.5	38.9	40.1	-	1.7	2.4	1.6	2.0
Photographic equipment and supplies	(2)	42.3	43.0	40.9	41.9	-	3.4	4.2	2.6	3.3
Watches and clocks	-	40.4	39.7	38.2	39.3	-	1.8	1.6	1.5	1.6
MISCELLANEOUS MANUFACTURING INDUSTRIES	39.9	39.5	40.3	38.4	39.6	-	2.3	2.9	1.9	2.4
Jewelry, silverware, and plated ware	40.1	39.8	43.0	38.8	40.6	-	3.0	5.1	2.1	3.3
Toys, amusement, and sporting goods	-	38.5	38.9	37.2	38.8	-	1.9	2.5	1.3	2.1
Toys, games, dolls, and play vehicles	-	37.7	38.2	36.2	38.4	-	-	-	-	-
Sporting and athletic goods, n.e.c.	-	39.8	40.4	38.3	39.6	-	-	-	-	-
Pens, pencils, office and art materials	-	38.7	40.4	38.0	39.4	-	1.3	2.5	1.5	1.8
Costume jewelry, buttons, and notions	-	39.4	40.0	38.1	39.7	-	2.4	2.7	2.1	2.5
Other manufacturing industries	40.2	40.1	40.5	39.3	39.9	-	2.5	2.8	2.2	2.5
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	40.3	40.9	41.4	40.3	40.9	-	3.7	3.7	3.3	3.6
Meat products	40.2	42.3	43.2	40.9	41.4	-	4.9	5.2	3.9	4.3
Meat packing	-	43.7	45.1	42.8	43.0	-	-	-	-	-
Sausages and other prepared meats	-	41.4	42.5	40.7	41.2	-	-	-	-	-
Poultry dressing and packing	-	39.2	39.0	36.4	37.9	-	-	-	-	-

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

ESTABLISHMENT DATA HOURS AND EARNINGS

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

Industry	Average weekly earnings					Average hourly earnings				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Nondurable Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS--Continued										
Dairy products	\$105.17	\$104.33	\$104.08	\$100.91	\$102.97	\$2.51	\$2.49	\$2.49	\$2.42	\$2.44
Ice cream and frozen desserts	-	101.09	102.03	96.33	100.78	-	2.54	2.57	2.47	2.47
Fluid milk	-	109.56	108.62	105.00	107.95	-	2.59	2.58	2.50	2.54
Canned and preserved food, except meats	-	78.28	77.16	74.54	77.34	-	2.06	2.02	2.02	2.03
Canned, cured and frozen sea foods	-	60.91	64.86	63.65	64.85	-	1.88	1.88	1.90	1.93
Canned food, except sea foods	-	87.30	83.32	79.88	82.76	-	2.21	2.12	2.13	2.09
Frozen food, except sea foods	-	74.80	74.21	71.92	71.61	-	1.82	1.86	1.83	1.86
Grain mill products	107.82	109.06	110.31	108.09	108.38	2.49	2.49	2.49	2.44	2.43
Flour and other grain mill products	-	116.95	115.37	118.23	118.61	-	2.64	2.64	2.61	2.63
Prepared feeds for animals and fowls	-	94.74	96.04	93.52	93.18	-	2.11	2.12	2.06	2.03
Bakery products	97.51	97.51	97.11	93.62	97.12	2.45	2.45	2.44	2.37	2.41
Bread, cake, and perishable products	-	98.55	97.91	94.64	98.17	-	2.47	2.46	2.39	2.43
Biscuit, crackers, and pretzels	-	94.33	94.40	89.47	92.17	-	2.37	2.36	2.30	2.31
Sugar	-	103.17	107.18	101.58	106.25	-	2.48	2.31	2.39	2.50
Confectionery and related products	81.35	80.57	79.98	76.58	80.38	2.07	2.05	2.03	2.01	2.04
Candy and other confectionery products	-	77.03	76.83	72.38	76.25	-	1.97	1.96	1.92	1.95
Beverages	106.98	108.35	110.68	104.01	109.48	2.75	2.75	2.76	2.66	2.71
Malt liquors	-	139.52	140.94	131.63	138.95	-	3.55	3.55	3.41	3.50
Bottled and canned soft drinks	-	78.99	80.99	74.80	80.70	-	1.96	1.99	1.87	1.94
Miscellaneous food and kindred products	97.48	96.87	96.93	94.95	96.25	2.31	2.29	2.27	2.25	2.27
TOBACCO MANUFACTURES										
Cigarettes	76.67	76.88	82.42	72.69	76.44	2.05	2.05	2.03	1.97	1.97
Cigars	-	93.37	106.17	91.26	93.45	-	2.47	2.51	2.34	2.39
Cigars	-	63.24	65.40	57.73	64.24	-	1.70	1.69	1.64	1.66
TEXTILE MILL PRODUCTS										
Cotton broad woven fabrics	76.91	75.76	77.04	70.40	72.98	1.84	1.83	1.83	1.76	1.78
Silk and synthetic broad woven fabrics	79.37	79.37	79.67	72.31	74.34	1.85	1.85	1.84	1.73	1.77
Weaving and finishing broad woolsens	81.59	81.53	83.66	76.68	79.24	1.88	1.87	1.88	1.80	1.83
Narrow fabrics and smallwares	82.41	80.03	79.04	75.30	76.86	1.93	1.91	1.90	1.85	1.87
Knitting	75.17	74.75	75.24	69.74	73.03	1.82	1.81	1.80	1.77	1.79
Full-fashioned hosiery	67.30	65.91	66.91	60.62	65.07	1.73	1.73	1.72	1.67	1.69
Seamless hosiery	-	65.11	64.13	57.56	63.46	-	1.70	1.71	1.64	1.67
Knit outerwear	-	63.13	64.74	59.09	61.72	-	1.67	1.66	1.61	1.62
Knit underwear	-	67.51	67.68	60.54	67.28	-	1.81	1.80	1.76	1.78
Finishing textiles, except wool and knit	-	63.36	65.67	58.56	62.15	-	1.65	1.65	1.60	1.61
Floor covering	86.60	83.53	86.57	78.74	81.90	2.00	1.97	1.99	1.93	1.95
Yarn and thread	-	77.15	80.85	72.18	76.26	-	1.85	1.85	1.80	1.82
Miscellaneous textile goods	71.32	70.06	70.81	64.40	66.99	1.69	1.68	1.67	1.61	1.63
Miscellaneous textile goods	86.94	86.94	87.34	80.79	83.63	2.07	2.07	2.06	1.99	2.02
APPAREL AND RELATED PRODUCTS										
Men's and boys' suits and coats	66.25	64.98	65.16	60.34	64.26	1.82	1.81	1.80	1.78	1.79
Men's and boys' furnishings	79.55	79.13	78.49	73.78	76.23	2.11	2.11	2.11	2.09	2.10
Men's and boys' shirts and nightwear	57.97	57.60	57.60	53.00	56.61	1.55	1.54	1.54	1.51	1.53
Men's and boys' separate trousers	-	56.92	56.61	51.41	55.57	-	1.53	1.53	1.49	1.51
Work clothing	-	58.66	58.50	54.11	57.13	-	1.56	1.56	1.52	1.54
Women's, misses', and juniors' outerwear	-	55.73	55.50	52.84	54.91	-	1.49	1.48	1.48	1.48
Women's blouses, waists, and shirts	69.89	67.00	66.33	61.82	67.12	2.02	2.00	1.98	1.95	1.98
Women's, misses', and juniors' dresses	-	55.61	56.62	48.74	56.10	-	1.67	1.68	1.63	1.65
Women's suits, skirts, and coats	-	64.92	65.53	59.78	66.13	-	2.01	2.01	1.96	2.01
Women's and misses' outerwear, n.e.c.	-	81.65	78.68	77.03	80.24	-	2.43	2.37	2.37	2.36
Women's and children's undergarments	-	61.69	60.82	58.41	60.96	-	1.69	1.68	1.65	1.67
Women's and children's underwear	59.73	58.52	59.82	53.77	58.97	1.65	1.63	1.63	1.61	1.62
Corsets and allied garments	-	56.05	57.31	51.44	56.94	-	1.57	1.57	1.54	1.56
Hats, caps, and millinery	-	63.89	64.75	57.94	63.54	-	1.76	1.75	1.74	1.76
Girls' and children's outerwear	-	70.79	71.22	66.01	69.33	-	1.95	1.93	1.93	1.91
Children's dresses, blouses, and shirts	62.16	59.76	58.25	53.27	58.00	1.68	1.66	1.65	1.59	1.62
Fur goods and miscellaneous apparel	-	58.55	57.44	51.19	57.19	-	1.64	1.66	1.58	1.62
Miscellaneous fabricated textile products	-	67.13	69.73	62.61	66.61	-	1.87	1.90	1.82	1.84
Housefurnishings	71.82	71.82	73.30	68.08	70.47	1.89	1.90	1.87	1.86	1.84
Housefurnishings	-	59.90	63.41	55.52	61.24	-	1.65	1.63	1.60	1.62
PAPER AND ALLIED PRODUCTS										
Paper and pulp	111.71	111.19	112.32	106.09	109.57	2.61	2.61	2.60	2.52	2.56
Paperboard	124.24	124.24	124.80	118.43	121.88	2.83	2.83	2.83	2.71	2.77
Converted paper and paperboard products	131.33	128.41	127.97	121.44	124.32	2.88	2.86	2.85	2.76	2.80
Bags, except textile bags	98.59	97.94	99.36	94.71	96.28	2.37	2.36	2.36	2.31	2.32
Paperboard containers and boxes	-	92.77	93.88	87.72	89.79	-	2.23	2.23	2.15	2.19
Folding and setup paperboard boxes	101.26	100.12	103.52	95.58	100.14	2.44	2.43	2.43	2.36	2.39
Corrugated and solid fiber boxes	-	88.98	94.33	85.46	89.76	-	2.23	2.23	2.18	2.20
Corrugated and solid fiber boxes	-	108.71	111.02	104.00	109.22	-	2.57	2.57	2.50	2.54

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				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Nondurable Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS--Continued										
Dairy products	41.9	41.9	41.8	41.7	42.2	-	3.3	3.2	2.9	3.5
Ice cream and frozen desserts	-	39.8	39.7	39.0	40.8	-	-	-	-	-
Fluid milk	-	42.3	42.1	42.0	42.5	-	-	-	-	-
Canned and preserved food, except meats	-	38.0	38.2	36.9	38.1	-	2.9	2.7	2.1	2.7
Canned, cured and frozen sea foods	-	32.4	34.5	33.5	33.6	-	-	-	-	-
Canned food, except sea foods	-	39.5	39.3	37.5	39.6	-	-	-	-	-
Frozen food, except sea foods	-	41.1	39.9	39.3	38.5	-	-	-	-	-
Grain mill products	43.3	43.8	44.3	44.3	44.6	-	5.4	5.5	6.2	6.3
Flour and other grain mill products	-	44.3	43.7	45.3	45.1	-	-	-	-	-
Prepared feeds for animals and fowls	-	44.9	45.3	45.4	45.9	-	-	-	-	-
Bakery products	39.8	39.8	39.8	39.5	40.3	-	2.9	2.8	2.8	3.1
Bread, cake, and perishable products	-	39.9	39.8	39.6	40.4	-	-	-	-	-
Biscuit, crackers, and pretzels	-	39.8	40.0	38.9	39.9	-	-	-	-	-
Sugar	-	41.6	46.4	42.5	42.5	-	3.6	4.0	4.3	3.7
Confectionery and related products	39.3	39.3	39.4	38.1	39.4	-	2.4	2.4	2.0	2.2
Candy and other confectionery products	-	39.1	39.2	37.7	39.1	-	-	-	-	-
Beverages	38.9	39.4	40.1	39.1	40.4	-	2.6	2.6	2.3	3.2
Malt liquors	-	39.3	39.7	38.6	39.7	-	-	-	-	-
Bottled and canned soft drinks	-	40.3	40.7	40.0	41.6	-	-	-	-	-
Miscellaneous food and kindred products	42.2	42.3	42.7	42.2	42.4	-	4.0	4.0	4.2	4.0
TOBACCO MANUFACTURES										
Cigarettes	37.4	37.5	40.6	36.9	38.8	-	.8	1.8	.8	1.6
Cigars	-	37.8	42.3	39.0	39.1	-	.7	2.2	.5	1.6
Cigars	-	37.2	38.7	35.2	38.7	-	1.1	1.7	1.1	2.1
TEXTILE MILL PRODUCTS										
Cotton broad woven fabrics	41.8	41.4	42.1	40.0	41.0	-	3.8	4.1	3.2	3.6
Silk and synthetic broad woven fabrics	42.9	42.9	43.3	41.8	42.0	-	4.8	5.0	4.0	4.3
Weaving and finishing broad woolsens	43.4	43.6	44.5	42.6	43.3	-	4.8	5.6	4.6	5.0
Narrow fabrics and smallwares	42.7	41.9	41.6	40.7	41.1	-	3.5	3.5	3.1	3.4
Knitting	41.3	41.3	41.8	39.4	40.8	-	3.2	3.5	2.8	3.1
Full-fashioned hosiery	38.9	38.1	38.9	36.3	38.5	-	2.0	2.3	1.4	2.2
Seamless hosiery	-	38.3	37.5	35.1	38.0	-	-	-	-	-
Knit outerwear	-	37.8	39.0	36.7	38.1	-	-	-	-	-
Knit underwear	-	37.3	37.6	34.4	37.8	-	-	-	-	-
Finishing textiles, except wool and knit	-	38.4	39.8	36.6	38.6	-	-	-	-	-
Floor covering	43.3	42.4	43.5	40.8	42.0	-	4.3	4.6	3.6	4.2
Yarn and thread	-	41.7	43.7	40.1	41.9	-	4.3	5.3	3.6	4.4
Miscellaneous textile goods	42.2	41.7	42.4	40.0	41.1	-	3.9	4.2	3.0	3.6
Miscellaneous textile goods	42.0	42.0	42.4	40.6	41.4	-	4.2	3.9	3.3	3.6
APPAREL AND RELATED PRODUCTS										
Men's and boys' suits and coats	36.4	35.9	36.2	33.9	35.9	-	1.1	1.3	1.0	1.3
Men's and boys' furnishings	37.7	37.5	37.2	35.3	36.3	-	1.3	1.1	1.0	1.0
Men's and boys' shirts and nightwear	37.4	37.4	37.4	35.1	37.0	-	.9	1.1	.7	1.1
Men's and boys' separate trousers	-	37.2	37.0	34.5	36.8	-	-	-	-	-
Work clothing	-	37.6	37.5	35.6	37.1	-	-	-	-	-
Women's, misses', and juniors' outerwear	-	37.4	37.5	35.7	37.1	-	-	-	-	-
Women's blouses, waists, and shirts	34.6	33.5	33.5	31.7	33.9	-	.9	1.2	1.1	1.3
Women's suits, skirts, and coats	-	33.3	33.7	29.9	34.0	-	-	-	-	-
Women's dresses	-	32.3	32.6	30.5	32.9	-	-	-	-	-
Women's suits, skirts, and coats	-	33.6	33.2	32.5	34.0	-	-	-	-	-
Women's and misses' outerwear, n.e.c.	-	36.5	36.2	35.4	36.5	-	-	-	-	-
Women's and children's undergarments	36.2	35.9	36.7	33.4	36.4	-	1.0	1.4	.9	1.4
Women's and children's underwear	-	35.7	36.5	33.4	36.5	-	-	-	-	-
Corsets and allied garments	-	36.3	37.0	33.3	36.1	-	-	-	-	-
Hats, caps, and millinery	-	36.3	36.9	34.2	36.3	-	1.1	1.4	1.1	1.4
Girls' and children's outerwear	37.0	36.0	35.3	33.5	35.8	-	1.1	1.0	1.2	1.3
Children's dresses, blouses, and shirts	-	35.7	34.6	32.4	35.3	-	-	-	-	-
Fur goods and miscellaneous apparel	-	35.9	36.7	34.4	36.2	-	.8	1.5	.7	1.1
Miscellaneous fabricated textile products	38.0	37.8	39.2	36.6	38.3	-	1.8	2.2	1.6	1.9
Housefurnishings	-	36.3	38.9	34.7	37.8	-	-	-	-	-
PAPER AND ALLIED PRODUCTS										
Paper and pulp	42.8	42.6	43.2	42.1	42.8	-	4.7	5.0	4.3	4.7
Paperboard	43.9	43.9	44.1	43.7	44.0	-	5.9	5.8	5.5	5.7
Converted paper and paperboard products	45.6	44.9	44.9	44.0	44.4	-	6.6	6.6	5.9	6.3
Bags, except textile bags	41.6	41.5	42.1	41.0	41.5	-	3.2	3.6	3.2	3.3
Paperboard containers and boxes	-	41.6	42.1	40.8	41.0	-	-	-	-	-
Folding and setup paperboard boxes	41.5	41.2	42.6	40.5	41.9	-	3.8	4.5	3.2	4.1
Corrugated and solid fiber boxes	-	39.9	42.3	39.2	40.8	-	-	-	-	-
Corrugated and solid fiber boxes	-	42.3	43.2	41.6	43.0	-	-	-	-	-

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Nondurable Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	\$115.58	\$114.60	\$117.39	\$110.75	\$114.35	\$3.01	\$3.00	\$3.01	\$2.93	\$2.97
Newspaper publishing and printing	116.03	115.34	121.32	111.74	116.84	3.25	3.24	3.27	3.13	3.21
Periodical publishing and printing	-	127.20	127.41	114.66	122.41	-	3.11	3.10	2.94	3.03
Books	-	105.32	107.33	103.97	106.90	-	2.62	2.65	2.58	2.62
Commercial printing	117.99	117.30	119.40	113.10	116.42	3.01	3.00	3.00	2.93	2.97
Commercial printing, except lithographic	-	114.85	117.22	110.98	113.59	-	2.96	2.96	2.89	2.92
Commercial printing, lithographic	-	122.58	123.72	118.47	122.19	-	3.08	3.07	3.03	3.07
Bookbinding and related industries	91.89	90.24	91.42	88.31	89.40	2.35	2.35	2.35	2.33	2.31
Other publishing and printing industries	120.74	118.81	119.17	115.50	116.49	3.08	3.07	3.04	3.00	3.01
CHEMICALS AND ALLIED PRODUCTS	118.14	117.58	118.71	113.85	116.48	2.84	2.84	2.84	2.77	2.80
Industrial chemicals	133.44	133.02	135.14	128.75	131.04	3.20	3.19	3.21	3.11	3.15
Plastics and synthetics, except glass	118.72	118.30	118.72	113.30	117.17	2.80	2.81	2.80	2.73	2.77
Plastics and synthetics, except fibers	-	127.84	128.44	121.38	126.56	-	2.98	2.98	2.89	2.95
Synthetic fibers	-	107.59	107.68	103.41	106.01	-	2.58	2.57	2.51	2.53
Drugs	105.93	105.15	105.01	101.40	102.77	2.59	2.59	2.58	2.51	2.55
Pharmaceutical preparations	-	100.80	100.80	96.87	98.21	-	2.52	2.52	2.44	2.48
Soap, cleaners, and toilet goods	109.62	108.40	109.08	106.27	107.87	2.72	2.71	2.70	2.67	2.67
Soap and detergents	-	132.16	134.40	128.96	131.77	-	3.20	3.20	3.13	3.16
Toilet preparations	-	87.71	87.78	82.88	85.86	-	2.29	2.28	2.21	2.23
Paints, varnishes, and allied products	108.54	109.08	110.42	104.78	109.03	2.68	2.68	2.68	2.60	2.64
Agricultural chemicals	96.28	96.22	97.33	93.48	95.90	2.26	2.28	2.29	2.21	2.22
Fertilizers, complete and mixing only	-	92.21	93.50	90.10	92.88	-	2.18	2.20	2.12	2.14
Other chemical products	113.02	113.30	114.63	111.61	112.29	2.73	2.73	2.71	2.67	2.68
PETROLEUM REFINING AND RELATED INDUSTRIES	129.36	134.14	135.53	132.16	133.76	3.21	3.24	3.25	3.20	3.20
Petroleum refining	135.07	140.42	141.86	138.69	139.52	3.36	3.40	3.41	3.35	3.37
Other petroleum and coal products	106.75	108.16	109.46	102.82	112.49	2.61	2.60	2.60	2.52	2.58
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	107.17	108.26	109.04	101.25	104.90	2.57	2.59	2.59	2.50	2.54
Tires and inner tubes	146.54	152.77	152.77	130.54	142.54	3.44	3.48	3.48	3.28	3.41
Other rubber products	102.18	101.43	103.34	98.82	99.96	2.48	2.48	2.49	2.44	2.45
Miscellaneous plastic products	91.32	91.52	91.74	87.53	89.64	2.19	2.20	2.20	2.14	2.16
LEATHER AND LEATHER PRODUCTS	72.54	71.24	71.76	66.95	68.98	1.86	1.86	1.84	1.79	1.82
Leather tanning and finishing	95.34	94.77	96.59	90.35	94.19	2.36	2.34	2.35	2.27	2.32
Foot wear, except rubber	71.34	69.14	69.63	65.25	66.55	1.82	1.81	1.79	1.74	1.77
Other leather products	68.04	67.66	69.12	63.53	66.53	1.80	1.79	1.80	1.75	1.76
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads	-	(2)	(2)	120.06	**120.37	-	(2)	(2)	2.76	**2.78
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	-	104.24	104.83	103.49	104.58	-	2.53	2.52	2.47	2.49
Intercity and rural bus lines	-	133.04	121.47	131.42	129.63	-	3.01	2.97	2.96	2.98
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	121.54	125.76	115.95	122.18	-	2.95	2.98	2.87	2.93
PIPELINE TRANSPORTATION	-	144.73	143.44	142.88	142.55	-	3.53	3.49	3.41	3.46
COMMUNICATION:										
Telephone communication	-	104.93	107.06	102.18	105.06	-	2.67	2.69	2.60	2.62
Switchboard operating employees ³	-	78.26	79.13	76.89	79.61	-	2.18	2.18	2.13	2.14
Line construction employees ⁴	-	148.04	154.47	145.20	150.97	-	3.38	3.41	3.30	3.34
Telegraph communication ⁵	-	116.89	116.34	111.51	116.05	-	2.77	2.77	2.70	2.75
Radio and television broadcasting	-	142.63	143.05	135.68	140.66	-	3.62	3.64	3.47	3.57
ELECTRIC, GAS, AND SANITARY SERVICES										
Electric companies and systems	-	129.58	129.58	124.50	125.66	-	3.13	3.13	3.00	3.05
Gas companies and systems	-	130.19	131.24	125.25	127.62	-	3.16	3.17	3.04	3.09
Combined utility systems	-	120.30	119.89	116.48	116.85	-	2.92	2.91	2.80	2.85
Water, steam, and sanitary systems	-	142.46	141.78	135.66	135.55	-	3.40	3.40	3.23	3.29
	-	103.34	102.34	99.05	100.60	-	2.49	2.46	2.41	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				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
<i>Nondurable Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	38.4	38.2	39.0	37.8	38.5	-	2.6	3.3	2.5	2.9
Newspaper publishing and printing	35.7	35.6	37.1	35.7	36.4	-	1.9	3.1	1.8	2.4
Periodical publishing and printing	-	40.9	41.1	39.0	40.4	-	4.2	4.3	3.2	4.0
Books	-	40.2	40.5	40.3	40.8	-	3.3	3.4	3.4	3.8
Commercial printing	39.2	39.1	39.8	38.6	39.2	-	3.0	3.6	2.8	3.1
Commercial printing, except lithographic	-	38.8	39.6	38.4	38.9	-	-	-	-	-
Commercial printing, lithographic	-	39.8	40.3	39.1	39.8	-	-	-	-	-
Bookbinding and related industries	39.1	38.4	38.9	37.9	38.7	-	2.1	2.5	2.3	2.4
Other publishing and printing industries	39.2	38.7	39.2	38.5	38.7	-	2.6	3.2	2.5	2.7
CHEMICALS AND ALLIED PRODUCTS	41.6	41.4	41.8	41.1	41.6	-	2.8	2.7	2.4	2.7
Industrial chemicals	41.7	41.7	42.1	41.4	41.6	-	2.7	2.8	2.4	2.6
Plastics and synthetics, except glass	42.4	42.1	42.4	41.5	42.3	-	2.6	2.8	2.1	2.7
Plastics and synthetics, except fibers	-	42.9	43.1	42.0	42.9	-	-	-	-	-
Synthetic fibers	-	41.7	41.9	41.2	41.9	-	-	-	-	-
Drugs	40.9	40.6	40.7	40.4	40.3	-	2.6	2.3	1.9	2.0
Pharmaceutical preparations	-	40.0	40.0	39.7	39.6	-	-	-	-	-
Soap, cleaners, and toilet goods	40.3	40.0	40.4	39.8	40.4	-	1.9	2.4	2.2	2.4
Soap and detergents	-	41.3	42.0	41.2	41.7	-	-	-	-	-
Toilet preparations	-	38.3	38.5	37.5	38.5	-	-	-	-	-
Paints, varnishes, and allied products	40.5	40.7	41.2	40.3	41.3	-	2.1	2.2	1.7	2.5
Agricultural chemicals	42.6	42.2	42.5	42.3	43.2	-	3.5	3.4	3.9	4.6
Fertilizers, complete and mixing only	-	42.3	42.5	42.5	43.4	-	-	-	-	-
Other chemical products	41.4	41.5	42.3	41.8	41.9	-	2.9	3.1	2.9	3.0
PETROLEUM REFINING AND RELATED INDUSTRIES	40.3	41.4	41.7	41.3	41.8	-	2.0	2.3	1.9	2.4
Petroleum refining	40.2	41.3	41.6	41.4	41.4	-	1.6	2.0	1.7	1.8
Other petroleum and coal products	40.9	41.6	42.1	40.8	43.6	-	3.7	3.5	2.9	5.0
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	41.7	41.8	42.1	40.5	41.3	-	3.8	3.9	2.8	3.4
Tires and inner tubes	42.6	43.9	43.9	39.8	41.8	-	5.8	5.4	2.2	4.3
Other rubber products	41.2	40.9	41.5	40.5	40.8	-	2.9	3.1	2.7	2.7
Miscellaneous plastic products	41.7	41.6	41.7	40.9	41.5	-	3.7	4.0	3.2	3.7
LEATHER AND LEATHER PRODUCTS	39.0	38.3	39.0	37.4	37.9	-	1.8	2.0	1.6	1.7
Leather tanning and finishing	40.4	40.5	41.1	39.8	40.6	-	3.0	3.3	2.6	2.9
Foot wear, except rubber	39.2	38.2	38.9	37.5	37.6	-	1.7	1.8	1.6	1.5
Other leather products	37.8	37.8	38.4	36.3	37.8	-	1.5	2.2	1.3	1.8
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads	-	(2)	(2)	43.5	**43.3	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	-	41.2	41.6	41.9	42.0	-	-	-	-	-
Intercity and rural bus lines	-	44.2	40.9	44.4	43.5	-	-	-	-	-
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	41.2	42.2	40.4	41.7	-	-	-	-	-
PIPELINE TRANSPORTATION	-	41.0	41.1	41.9	41.2	-	-	-	-	-
COMMUNICATION:										
Telephone communication	-	39.3	39.8	39.3	40.1	-	-	-	-	-
Switchboard operating employees ³	-	35.9	36.3	36.1	37.2	-	-	-	-	-
Line construction employees ⁴	-	43.8	45.3	44.0	45.2	-	-	-	-	-
Telegraph communication ⁵	-	42.2	42.0	41.3	42.2	-	-	-	-	-
Radio and television broadcasting	-	39.4	39.3	39.1	39.4	-	-	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES										
Electric companies and systems	-	41.4	41.4	41.5	41.2	-	-	-	-	-
Gas companies and systems	-	41.2	41.4	41.2	41.3	-	-	-	-	-
Combined utility systems	-	41.2	41.2	41.6	41.0	-	-	-	-	-
Water, steam, and sanitary systems	-	41.9	41.7	42.0	41.2	-	-	-	-	-
	-	41.5	41.6	41.1	41.4	-	-	-	-	-

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

Industry	Average weekly earnings					Average hourly earnings				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
WHOLESALE AND RETAIL TRADE⁶	-	\$80.56	\$79.90	\$78.11	\$79.87	-	\$2.12	\$2.07	\$2.05	\$2.08
WHOLESALE TRADE	-	104.19	104.81	99.70	102.56	-	2.56	2.55	2.48	2.52
Motor vehicles and automotive equipment	-	98.09	98.75	95.26	96.79	-	2.33	2.34	2.29	2.31
Drugs, chemicals, and allied products	-	106.52	106.49	103.06	105.04	-	2.63	2.61	2.57	2.60
Dry goods and apparel	-	96.51	96.52	91.39	95.63	-	2.56	2.54	2.47	2.53
Groceries and related products	-	97.41	98.51	94.53	96.70	-	2.37	2.34	2.30	2.33
Electrical goods	-	118.86	119.71	106.80	111.79	-	2.81	2.81	2.65	2.72
Hardware, plumbing, and heating goods	-	98.66	98.66	96.22	98.01	-	2.43	2.43	2.37	2.42
Machinery, equipment, and supplies	-	114.12	113.99	106.92	111.11	-	2.77	2.76	2.64	2.71
RETAIL TRADE⁶	-	70.85	70.31	68.26	69.94	-	1.92	1.87	1.84	1.87
General merchandise stores	-	56.78	58.58	55.09	56.94	-	1.69	1.65	1.63	1.66
Department stores	-	60.57	61.60	59.10	61.18	-	1.83	1.77	1.78	1.81
Limited price variety stores	-	42.16	43.36	39.42	41.53	-	1.36	1.31	1.28	1.31
Food stores	-	68.34	68.06	66.54	68.16	-	2.01	1.99	1.94	1.97
Grocery, meat, and vegetable stores	-	69.70	69.43	67.77	69.55	-	2.05	2.03	1.97	2.01
Apparel and accessories stores	-	56.62	57.77	54.61	55.26	-	1.69	1.66	1.63	1.63
Men's and boys' apparel stores	-	69.87	69.56	66.40	67.90	-	1.93	1.88	1.86	1.85
Women's ready-to-wear stores	-	50.82	52.10	49.47	49.73	-	1.54	1.51	1.49	1.48
Family clothing stores	-	55.94	55.06	53.46	54.27	-	1.69	1.61	1.62	1.62
Shoe stores	-	54.84	57.73	53.44	54.89	-	1.73	1.76	1.67	1.71
Furniture and appliance stores	-	87.16	89.98	83.81	85.44	-	2.19	2.20	2.09	2.12
Other retail trade	-	81.39	81.77	78.12	80.34	-	1.99	1.98	1.91	1.95
Motor vehicle dealers	-	100.74	101.20	95.27	99.65	-	2.30	2.30	2.18	2.27
Other vehicle and accessory dealers	-	84.83	86.68	84.78	85.41	-	1.95	1.97	1.94	1.95
Drug stores	-	60.54	60.98	59.95	60.45	-	1.72	1.68	1.67	1.67
FINANCE, INSURANCE, AND REAL ESTATE:	-	78.54	77.58	76.70	76.67	-	2.10	2.08	2.04	2.05
Banking	-	123.62	120.78	121.82	120.76	-	-	-	-	-
Security dealers and exchanges ⁷	-	94.24	93.04	91.29	92.12	-	-	-	-	-
Insurance carriers ⁷	-	95.23	93.22	92.54	92.68	-	-	-	-	-
Life insurance ⁷	-	82.28	81.91	81.39	81.14	-	-	-	-	-
Accident and health insurance ⁷	-	96.01	95.36	92.67	94.13	-	-	-	-	-
Fire, marine, and casualty insurance ⁷	-	-	-	-	-	-	-	-	-	-
SERVICES AND MISCELLANEOUS:	-	49.39	50.14	48.11	48.64	-	1.31	1.33	1.24	1.26
Hotels and lodging places:	-	-	-	-	-	-	-	-	-	-
Hotels, tourist courts, and motels ⁸	-	56.60	57.18	53.58	55.73	-	1.47	1.47	1.41	1.44
Personal services:	-	-	-	-	-	-	-	-	-	-
Laundries, cleaning and dyeing plants ⁹	-	145.29	142.66	131.60	136.12	-	-	-	-	-
Motion pictures:	-	-	-	-	-	-	-	-	-	-
Motion picture filming and distributing	-	-	-	-	-	-	-	-	-	-

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
Table C-2: Gross hours and earnings of production workers¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
WHOLESALE AND RETAIL TRADE⁶	-	38.0	38.6	38.1	38.4	-	-	-	-	-
WHOLESALE TRADE	-	40.7	41.1	40.2	40.7	-	-	-	-	-
Motor vehicles and automotive equipment	-	42.1	42.2	41.6	41.9	-	-	-	-	-
Drugs, chemicals, and allied products	-	40.5	40.8	40.1	40.4	-	-	-	-	-
Dry goods and apparel	-	37.7	38.0	37.0	37.8	-	-	-	-	-
Groceries and related products	-	41.1	42.1	41.1	41.5	-	-	-	-	-
Electrical goods	-	42.3	42.6	40.3	41.1	-	-	-	-	-
Hardware, plumbing, and heating goods	-	40.6	40.6	40.6	40.5	-	-	-	-	-
Machinery, equipment, and supplies	-	41.2	41.3	40.5	41.0	-	-	-	-	-
RETAIL TRADE⁶	-	36.9	37.6	37.1	37.4	-	-	-	-	-
General merchandise stores	-	33.6	35.5	33.8	34.3	-	-	-	-	-
Department stores	-	33.1	34.8	33.2	33.8	-	-	-	-	-
Limited price variety stores	-	31.0	33.1	30.8	31.7	-	-	-	-	-
Food stores	-	34.0	34.2	34.3	34.6	-	-	-	-	-
Grocery, meat, and vegetable stores	-	34.0	34.2	34.4	34.6	-	-	-	-	-
Apparel and accessories stores	-	33.5	34.8	33.5	33.9	-	-	-	-	-
Men's and boys' apparel stores	-	36.2	37.0	35.7	36.7	-	-	-	-	-
Women's ready-to-wear stores	-	33.0	34.5	33.2	33.6	-	-	-	-	-
Family clothing stores	-	33.1	34.2	33.0	33.5	-	-	-	-	-
Shoe stores	-	31.7	32.8	32.0	32.1	-	-	-	-	-
Furniture and appliance stores	-	39.8	40.9	40.1	40.3	-	-	-	-	-
Other retail trade	-	40.9	41.3	40.9	41.2	-	-	-	-	-
Motor vehicle dealers	-	43.8	44.0	43.7	43.9	-	-	-	-	-
Other vehicle and accessory dealers	-	43.5	44.0	43.7	43.8	-	-	-	-	-
Drug stores	-	35.2	36.3	35.9	36.2	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE:										
Banking	-	37.4	37.3	37.6	37.4	-	-	-	-	-
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	-	37.7	37.7	38.8	38.6	-	-	-	-	-
Personal services:										
Laundries, cleaning and dyeing plants ⁹	-	38.5	38.9	38.0	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.

²Not available.

³Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1963, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁴Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1963, such employees made up 31 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵Data relate to nonsupervisory employees except messengers.

⁶Data exclude eating and drinking places.

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

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

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

*11-Month average.

** 8-Month average.

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				
	Feb. 1965	Jan. 1965	Dec. 1964	Jan. 1964	Avg. 1964
MANUFACTURING	\$2.49	\$2.49	\$2.48	\$2.43	\$2.44
DURABLE GOODS	2.66	2.65	2.64	2.60	2.61
Ordnance and accessories	-	2.99	2.99	2.90	2.94
Lumber and wood products, except furniture	-	2.00	2.04	2.00	2.05
Furniture and fixtures	-	1.99	1.99	1.96	1.97
Stone, clay, and glass products	-	2.46	2.47	2.41	2.43
Primary metal industries	-	3.03	3.02	2.96	2.99
Fabricated metal products	-	2.61	2.61	2.56	2.57
Machinery	-	2.79	2.78	2.73	2.75
Electrical equipment and supplies	-	2.48	2.47	2.44	2.45
Transportation equipment	-	3.02	3.00	2.95	2.97
Instruments and related products	-	2.51	2.50	2.45	2.46
Miscellaneous manufacturing industries	-	2.07	2.04	2.03	2.02
NONDURABLE GOODS	2.25	2.25	2.24	2.21	2.21
Food and kindred products	-	2.33	2.31	2.29	2.28
Tobacco manufactures	-	2.02	1.99	1.95	1.93
Textile mill products	-	1.75	1.74	1.69	1.71
Apparel and related products	-	1.78	1.77	1.75	1.76
Paper and allied products	-	2.47	2.46	2.40	2.43
Printing, publishing, and allied industries	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	-	2.75	2.75	2.69	2.71
Petroleum refining and related industries	-	3.17	3.16	3.12	3.10
Rubber and miscellaneous plastic products	-	2.47	2.47	2.42	2.44
Leather and leather products	-	1.81	1.80	1.75	1.78

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		
	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964
MINING:									
Current dollars	\$120.89	\$121.09	\$118.01	\$99.79	\$98.69	\$96.26	\$108.04	\$107.20	\$104.62
1957-59 dollars	111.01	111.30	109.17	91.63	90.71	89.05	99.21	98.53	96.78
CONTRACT CONSTRUCTION:									
Current dollars	131.41	133.22	132.06	108.23	108.25	107.34	116.95	117.37	116.40
1957-59 dollars	120.67	122.44	122.16	99.38	99.49	99.30	107.39	107.88	107.68
MANUFACTURING:									
Current dollars	105.93	106.81	102.97	87.80	87.43	84.40	95.43	95.35	92.18
1957-59 dollars	97.27	98.17	95.25	80.62	80.36	78.08	87.63	87.64	85.27
WHOLESALE AND RETAIL TRADE:²									
Current dollars	80.56	79.90	79.87	67.40	66.08	66.06	74.41	73.44	73.42
1957-59 dollars	73.98	73.44	73.89	61.89	60.74	61.11	68.33	67.50	67.92

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	Feb. 1965	Jan. 1965	Dec. 1964	Feb. 1964	Avg. 1964
	Man-hours				
TOTAL	102.5	102.8	106.5	97.3	103.6
MINING	78.5	79.6	82.7	78.1	82.3
CONTRACT CONSTRUCTION	87.9	93.8	103.8	85.3	107.2
MANUFACTURING	106.4	105.6	108.2	100.5	104.0
DURABLE GOODS	110.3	109.4	111.5	101.9	105.8
Ordnance and accessories	127.1	127.3	127.8	137.5	131.3
Lumber and wood products, except furniture ..	88.4	88.8	92.1	89.4	95.2
Furniture and fixtures	113.5	112.3	117.7	105.8	110.7
Stone, clay, and glass products	98.1	98.6	103.2	96.7	105.5
Primary metal industries	112.2	110.9	110.9	100.5	105.6
Fabricated metal products	113.8	112.3	114.8	104.2	108.7
Machinery	119.5	118.2	118.4	108.4	112.1
Electrical equipment and supplies	119.9	119.7	122.1	110.0	113.5
Transportation equipment	105.9	105.3	107.1	95.3	95.4
Instruments and related products	107.7	107.0	108.5	102.6	104.6
Miscellaneous manufacturing industries	103.8	99.2	106.8	96.3	103.7
NONDURABLE GOODS	101.3	100.8	103.8	98.6	101.7
Food and kindred products	84.2	87.6	92.7	85.2	92.7
Tobacco manufactures	84.1	84.0	99.2	78.3	89.9
Textile mill products	99.9	98.4	100.6	96.0	97.3
Apparel and related products	114.5	110.6	112.1	110.2	109.7
Paper and allied products	106.8	106.7	109.4	104.7	107.6
Printing, publishing, and allied industries ..	107.4	106.6	110.2	104.2	106.6
Chemicals and allied products	106.4	105.6	106.4	103.8	105.9
Petroleum refining and related industries	73.4	75.0	76.4	79.0	80.1
Rubber and miscellaneous plastic products ..	127.0	125.8	126.5	115.4	120.6
Leather and leather products	100.5	98.2	101.1	96.3	96.5
	Payrolls				
MINING	-	93.2	96.0	87.6	93.5
CONTRACT CONSTRUCTION		120.2	133.3	106.7	134.7
MANUFACTURING	130.2	129.3	132.1	119.2	124.7

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	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964
MINING	41.6	41.8	42.2	42.2	41.9	41.0	41.6	41.8	41.5	41.7	41.5	41.6	41.6
CONTRACT CONSTRUCTION	37.4	37.5	39.0	37.7	37.1	35.6	37.0	36.8	37.3	37.3	37.2	37.4	37.6
MANUFACTURING	41.4	41.4	41.2	40.9	40.5	40.5	40.8	40.6	40.6	40.6	40.7	40.6	40.7
DURABLE GOODS	42.1	42.3	42.0	41.6	41.2	41.4	41.5	41.3	41.4	41.3	41.4	41.2	41.3
Ordnance and accessories	41.0	41.0	40.6	40.4	40.6	40.0	40.4	40.4	40.6	40.2	40.3	40.3	40.3
Lumber and wood products, except furniture ...	40.1	40.3	40.2	39.9	39.7	39.4	40.4	40.3	39.9	40.2	40.2	40.3	40.2
Furniture and fixtures	41.9	41.5	41.8	41.5	41.2	40.5	41.2	41.0	41.1	41.2	41.2	41.2	41.3
Stone, clay, and glass products	41.7	41.7	42.2	41.5	41.5	41.1	41.3	41.5	41.4	41.6	41.7	41.6	41.7
Primary metal industries	42.5	42.3	42.2	42.2	41.9	42.8	42.2	41.5	41.5	41.5	41.2	41.4	41.2
Fabricated metal products	42.6	42.4	42.3	42.0	41.4	41.3	41.7	41.6	41.4	41.7	41.8	41.6	41.8
Machinery	43.1	43.1	43.1	42.8	42.0	42.0	42.5	42.4	42.4	42.3	42.2	42.4	42.4
Electrical equipment and supplies	41.1	41.1	41.1	40.9	40.7	40.3	40.6	40.6	40.3	40.4	40.5	40.4	40.4
Transportation equipment	43.8	43.6	42.9	41.5	40.5	42.3	42.6	41.7	42.6	41.9	42.1	41.8	42.0
Instruments and related products	41.6	41.3	41.3	41.1	40.9	40.9	41.0	41.0	40.9	40.8	40.7	40.7	40.8
Miscellaneous manufacturing industries	40.0	39.9	40.0	39.7	39.7	39.1	40.0	39.8	39.5	39.5	39.8	39.7	39.6
NONDURABLE GOODS	40.2	40.1	40.0	40.0	39.9	39.4	39.7	39.5	39.6	39.7	39.8	39.7	39.8
Food and kindred products	41.0	41.4	41.3	41.0	41.0	40.7	40.8	40.6	40.9	41.0	41.1	40.8	40.9
Tobacco manufactures	39.5	38.4	39.6	38.5	39.3	37.0	38.4	39.6	39.0	39.7	39.9	39.4	37.3
Textile mill products	42.1	42.1	41.8	41.5	41.4	40.0	41.2	40.8	40.9	41.0	41.0	40.9	41.2
Apparel and related products	36.5	36.7	36.5	36.4	36.2	34.9	35.9	36.0	36.0	36.0	36.2	36.1	36.4
Paper and allied products	43.2	43.1	42.9	42.4	42.9	42.7	43.0	42.9	42.7	42.9	42.8	42.7	42.9
Printing, publishing, and allied industries	38.6	38.5	38.6	38.4	38.6	38.5	38.6	38.4	38.4	38.5	38.7	38.4	38.3
Chemicals and allied products	41.9	41.6	41.6	41.7	41.6	42.1	41.3	41.4	41.4	41.6	41.6	41.6	41.5
Petroleum refining and related industries	41.2	41.4	42.0	41.7	41.6	42.5	42.1	41.6	41.6	41.9	41.6	42.1	42.3
Rubber and miscellaneous plastic products	42.2	42.2	41.6	41.3	41.6	41.3	41.8	40.7	41.2	41.4	41.2	41.2	41.1
Leather and leather products	38.7	37.5	38.2	38.1	38.5	37.7	37.9	37.9	37.9	38.1	37.8	37.8	37.9
WHOLESALE AND RETAIL TRADE²	-	38.3	38.4	38.3	38.4	38.2	38.5	38.6	38.4	38.4	38.4	38.4	38.4
WHOLESALE TRADE	-	40.9	40.9	40.9	40.6	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.6
RETAIL TRADE²	-	37.1	37.3	37.3	37.5	37.3	37.5	37.7	37.5	37.5	37.4	37.4	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												
	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964	Mar. 1964	Feb. 1964
TOTAL	108.6	108.1	108.2	105.7	102.4	103.2	104.0	103.5	103.5	103.0	102.9	103.1	103.1
MINING	82.1	82.5	83.8	84.1	83.2	80.7	81.9	83.6	82.5	81.8	81.7	81.8	81.6
CONTRACT CONSTRUCTION	113.3	112.9	118.0	110.8	106.7	101.4	106.4	106.1	107.6	106.9	106.2	108.6	109.6
MANUFACTURING	109.1	108.5	107.7	105.9	102.6	104.6	104.7	104.0	103.7	103.4	103.4	103.2	103.0
DURABLE GOODS	112.7	111.7	110.7	108.2	102.9	107.6	106.9	106.1	105.4	104.6	104.9	104.7	104.2
Ordnance and accessories	127.6	125.1	123.9	125.7	126.3	125.7	128.2	129.4	132.5	133.7	135.2	136.5	137.7
Lumber and wood products, except furniture ...	95.7	95.3	96.1	94.7	93.5	93.2	95.7	96.4	94.0	95.4	96.1	96.9	96.7
Furniture and fixtures	117.3	115.5	115.7	113.5	112.4	110.1	111.0	111.5	111.1	109.7	109.7	109.4	109.3
Stone, clay, and glass products	106.4	107.3	108.1	106.1	105.7	105.1	105.2	105.5	105.0	104.9	105.1	106.0	105.1
Primary metal industries	112.6	112.0	111.3	111.0	108.5	111.3	108.2	106.9	104.6	102.2	100.9	101.3	100.7
Fabricated metal products	117.9	115.4	113.9	111.0	105.7	110.6	110.1	108.2	107.4	107.5	108.5	107.7	107.9
Machinery	119.2	118.8	118.5	115.6	113.6	113.9	113.2	112.5	111.8	110.7	109.8	109.9	108.2
Electrical equipment and supplies	121.2	120.2	119.2	117.2	115.3	113.7	113.6	113.7	111.5	111.3	111.9	111.4	111.2
Transportation equipment	106.5	105.0	101.5	96.1	76.4	100.0	97.7	95.3	97.3	96.2	97.5	96.3	95.5
Instruments and related products	109.4	107.7	107.3	105.8	104.0	104.9	105.1	106.0	104.4	103.7	103.9	103.9	104.2
Miscellaneous manufacturing industries	110.4	108.8	108.8	107.0	105.7	103.1	104.2	103.0	103.2	101.9	102.7	102.5	102.2
NONDURABLE GOODS	104.3	104.4	103.8	102.9	102.2	100.8	101.7	101.3	101.6	101.7	101.5	101.3	101.6
Food and kindred products	92.7	94.4	94.4	93.4	91.9	91.3	92.3	91.2	91.8	92.9	93.0	92.9	93.7
Tobacco manufactures	92.7	85.5	91.8	93.9	93.4	80.1	84.3	94.2	92.7	93.2	92.4	92.5	86.4
Textile mill products	101.7	101.5	100.3	99.0	98.2	94.9	97.2	96.2	96.6	96.9	96.9	97.0	97.7
Apparel and related products	114.0	115.4	113.5	112.7	111.4	107.4	109.7	109.9	111.0	109.5	109.4	108.4	109.8
Paper and allied products	109.6	109.1	108.4	107.3	108.2	107.7	108.2	108.2	107.7	107.9	107.5	107.0	107.5
Printing, publishing, and allied industries	108.9	108.3	108.2	106.8	107.1	107.2	107.1	106.6	106.6	106.9	106.9	105.9	105.3
Chemicals and allied products	108.2	107.4	106.6	106.5	105.4	107.5	105.4	105.9	105.9	105.6	105.2	106.0	105.3
Petroleum refining and related industries	76.2	77.3	78.4	78.5	79.7	81.4	80.0	80.4	80.4	80.3	79.7	82.0	82.4
Rubber and miscellaneous plastic products	129.5	127.3	124.0	122.4	122.2	123.5	123.9	119.5	119.2	120.1	119.2	119.2	117.8
Leather and leather products	99.4	96.7	98.5	98.2	98.3	96.6	96.4	97.4	96.8	97.0	95.9	95.3	95.2

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		
	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
ALABAMA.....	\$91.91	\$92.80	\$85.60	41.4	41.8	40.0	\$2.22	\$2.22	\$2.14
Birmingham.....	120.41	116.90	110.80	42.1	41.6	40.0	2.86	2.81	2.77
Mobile ¹	104.67	105.84	99.63	41.7	42.0	41.0	2.51	2.52	2.43
ALASKA.....	(2)	139.13	137.55	(2)	37.3	39.3	(2)	3.73	3.50
ARIZONA.....	111.65	111.92	110.84	40.6	40.7	40.9	2.75	2.75	2.71
Phoenix.....	112.61	111.92	111.79	40.8	40.7	40.8	2.76	2.75	2.74
Tucson.....	114.17	117.61	113.20	39.1	39.6	40.0	2.92	2.97	2.83
ARKANSAS.....	73.67	73.08	71.51	40.7	40.6	40.4	1.81	1.80	1.77
Fort Smith ¹	71.50	72.00	69.87	39.5	40.0	39.7	1.81	1.80	1.76
Little Rock-North Little Rock.....	73.16	72.76	68.85	40.2	40.2	39.8	1.82	1.81	1.73
Pine Bluff.....	89.02	89.67	85.91	41.6	42.1	41.5	2.14	2.13	2.07
CALIFORNIA.....	121.71	122.51	116.91	40.3	40.7	39.9	3.02	3.01	2.93
Anaheim-Santa Ana-Garden Grove.....	123.11	123.30	118.26	40.9	41.1	40.5	3.01	3.00	2.92
Bakersfield.....	130.88	129.83	122.92	40.9	40.7	40.3	3.20	3.19	3.05
Fresno.....	98.74	99.20	92.48	37.4	38.3	36.7	2.64	2.59	2.52
Los Angeles-Long Beach.....	119.77	121.25	115.78	40.6	41.1	40.2	2.95	2.95	2.88
Sacramento.....	132.59	130.94	128.16	40.3	39.8	39.8	3.29	3.29	3.22
San Bernardino-Riverside-Ontario.....	118.08	120.18	116.76	40.3	40.6	40.4	2.93	2.96	2.89
San Diego.....	127.60	128.24	125.42	40.0	40.2	40.2	3.19	3.19	3.12
San Francisco-Oakland.....	128.70	130.33	123.87	39.6	40.1	39.2	3.25	3.25	3.16
San Jose.....	129.15	129.17	122.11	41.0	41.4	40.3	3.15	3.12	3.03
Stockton.....	121.60	119.60	115.13	40.0	40.0	39.7	3.04	2.99	2.90
Vallejo-Napa.....	110.96	108.86	103.53	38.0	37.8	36.2	2.92	2.88	2.86
COLORADO.....	113.27	111.65	110.29	40.6	40.6	41.0	2.79	2.75	2.69
Denver.....	112.72	113.68	111.38	40.4	40.6	40.5	2.79	2.80	2.75
CONNECTICUT.....	109.98	112.25	105.56	41.5	42.2	40.6	2.65	2.66	2.60
Bridgeport.....	114.11	114.78	108.40	41.8	42.2	40.6	2.73	2.72	2.67
Hartford.....	117.04	118.56	109.06	42.1	42.8	41.0	2.78	2.77	2.66
New Britain.....	112.32	112.98	106.86	41.6	42.0	41.1	2.70	2.69	2.60
New Haven.....	107.83	108.09	101.39	41.0	41.1	39.3	2.63	2.63	2.58
Stamford.....	109.62	113.42	111.69	40.6	41.7	41.1	2.70	2.72	2.71
Waterbury.....	109.56	112.25	103.53	41.5	42.2	40.6	2.64	2.66	2.55
DELAWARE.....	115.23	122.39	106.53	41.6	43.4	40.2	2.77	2.82	2.65
Wilmington.....	125.44	133.85	118.90	41.4	43.6	41.0	3.03	3.07	2.90
DISTRICT OF COLUMBIA: Washington ³	109.48	110.21	102.40	39.1	39.5	37.1	2.80	2.79	2.76
FLORIDA.....	90.74	92.02	85.90	42.4	43.0	41.3	2.14	2.14	2.08
Jacksonville ³	94.89	91.80	86.51	41.8	40.8	39.5	2.27	2.25	2.19
Miami ³	84.86	90.10	82.21	40.8	42.7	40.9	2.08	2.11	2.01
Tampa-St. Petersburg ³	92.45	92.02	88.62	42.8	43.2	42.0	2.16	2.13	2.11
GEORGIA.....	80.38	82.78	76.40	40.8	41.6	40.0	1.97	1.99	1.91
Atlanta.....	101.27	108.20	95.20	41.0	42.6	40.0	2.47	2.54	2.38
Savannah ³	98.42	103.81	95.18	40.5	42.2	40.5	2.43	2.46	2.35
HAWAII.....	(2)	88.09	82.13	(2)	38.3	38.2	(2)	2.30	2.15
IDAHO.....	102.91	99.90	96.64	40.2	39.8	40.1	2.56	2.51	2.41
ILLINOIS.....	115.98	116.97	111.28	41.3	41.8	40.6	2.81	2.80	2.74
Chicago.....	(2)	119.23	113.73	(2)	42.1	40.9	(2)	2.83	2.78
Davenport-Rock Island-Moline.....	(2)	127.95	128.50	(2)	41.2	42.0	(2)	3.10	3.06
Peoria.....	(2)	128.68	125.81	(2)	41.6	41.3	(2)	3.09	3.05
Rockford.....	(2)	118.20	113.07	(2)	44.0	43.0	(2)	2.69	2.63
INDIANA.....	118.98	120.24	114.05	41.4	41.9	40.9	2.87	2.87	2.79
Indianapolis.....	(2)	121.53	116.47	(2)	42.3	41.5	(2)	2.88	2.80
IOWA.....	111.80	114.07	108.61	40.9	41.5	40.4	2.73	2.75	2.69
Des Moines.....	121.77	120.10	113.08	40.0	40.1	38.9	3.05	3.00	2.91

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		
	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
KANSAS.....	\$112.95	\$117.34	\$108.34	41.9	42.7	41.6	\$2.69	\$2.75	\$2.60
Topoka.....	119.45	127.08	106.65	42.4	43.6	40.2	2.82	2.91	2.65
Wichita.....	117.93	122.00	116.51	41.3	42.0	41.6	2.86	2.91	2.80
KENTUCKY.....	98.98	102.90	93.43	40.9	42.0	40.1	2.42	2.45	2.33
Louisville.....	116.52	122.66	110.93	41.5	43.1	40.9	2.81	2.85	2.71
LOUISIANA.....	106.43	106.39	103.58	41.9	42.9	41.6	2.54	2.48	2.49
Baton Rouge.....	129.47	129.56	128.33	41.1	41.0	41.8	3.15	3.16	3.07
New Orleans ¹	108.65	108.21	102.62	41.0	41.3	40.4	2.65	2.62	2.54
Shreveport.....	98.59	99.49	100.35	41.6	42.7	42.7	2.37	2.33	2.35
MAINE.....	83.84	83.64	81.16	41.3	41.2	41.2	2.03	2.03	1.97
Lewiston-Auburn.....	67.64	68.74	67.73	38.0	38.4	38.7	1.78	1.79	1.75
Portland.....	89.76	90.39	90.09	40.8	40.9	40.4	2.20	2.21	2.23
MARYLAND.....	106.45	106.14	99.15	41.1	41.3	39.5	2.59	2.57	2.51
Baltimore.....	112.48	113.57	104.67	41.2	41.6	39.8	2.73	2.73	2.63
MASSACHUSETTS.....	96.16	97.85	90.95	39.9	40.6	38.7	2.41	2.41	2.35
Boston ¹	102.05	105.56	98.18	39.4	40.6	38.5	2.59	2.60	2.55
Fall River.....	69.42	67.39	57.35	35.6	35.1	31.0	1.95	1.92	1.85
New Bedford.....	76.02	76.82	66.59	38.2	38.8	34.5	1.99	1.98	1.93
Springfield-Chicopee-Holyoke.....	99.94	100.61	97.44	40.3	40.9	40.1	2.48	2.46	2.43
Worcester.....	108.32	108.94	97.17	41.5	41.9	39.5	2.61	2.60	2.46
MICHIGAN.....	144.87	145.46	132.78	45.4	45.7	43.0	3.19	3.18	3.09
Detroit.....	153.28	153.67	142.31	45.7	45.9	43.8	3.35	3.35	3.25
Flint ¹	166.85	169.00	128.21	47.4	47.7	37.4	3.52	3.54	3.43
Grand Rapids ¹	118.81	118.84	114.40	41.5	41.8	40.8	2.86	2.84	2.80
Lansing.....	151.30	159.58	140.32	45.3	47.2	43.7	3.34	3.38	3.21
Muskegon-Muskegon Heights.....	119.01	120.80	118.57	40.7	41.2	41.1	2.92	2.93	2.89
Saginaw.....	146.18	142.95	144.80	46.1	45.7	46.5	3.17	3.13	3.11
MINNESOTA ³	111.41	111.86	106.68	41.2	41.6	40.6	2.70	2.69	2.63
Duluth-Superior ³	109.59	110.85	102.51	39.9	40.4	38.7	2.74	2.75	2.65
Minneapolis-St. Paul ³	117.28	118.02	111.74	41.4	41.6	40.5	2.83	2.83	2.76
MISSISSIPPI.....	72.98	73.51	69.43	41.0	41.3	39.9	1.78	1.78	1.74
Jackson.....	78.94	81.59	75.36	42.9	43.4	42.1	1.84	1.88	1.79
MISSOURI.....	104.59	105.62	99.06	40.5	40.9	39.6	2.58	2.58	2.50
Kansas City.....	114.85	116.31	107.94	41.0	41.4	40.0	2.80	2.81	2.70
St. Louis ¹	116.96	118.39	112.94	40.9	41.3	40.3	2.86	2.87	2.81
MONTANA.....	110.55	109.62	106.93	40.2	40.3	40.2	2.75	2.72	2.66
NEBRASKA ³	105.04	107.26	98.53	43.4	43.7	42.4	2.42	2.45	2.32
Omaha ³	112.73	117.87	110.38	42.7	44.0	42.6	2.64	2.68	2.59
NEVADA.....	121.52	124.26	126.00	38.7	39.7	40.0	3.14	3.13	3.15
NEW HAMPSHIRE.....	82.62	82.42	79.39	40.5	40.6	40.3	2.04	2.03	1.97
Manchester.....	77.03	77.81	73.91	39.3	39.7	38.9	1.96	1.96	1.90
NEW JERSEY.....	111.25	111.38	104.01	40.9	41.1	39.1	2.72	2.71	2.66
Atlantic City.....	81.92	81.53	76.59	38.1	38.1	36.3	2.15	2.14	2.11
Jersey City ⁵	109.34	108.26	102.44	40.8	40.7	39.1	2.68	2.66	2.62
Newark ⁵	111.79	111.22	102.03	41.1	41.5	38.5	2.72	2.68	2.65
Paterson-Clifton-Passaic ⁵	111.93	113.30	102.56	41.0	41.5	38.7	2.73	2.73	2.65
Perth Amboy ⁵	114.24	114.93	104.94	40.8	40.9	38.3	2.80	2.81	2.74
Trenton.....	108.54	109.08	107.60	40.5	40.7	40.3	2.68	2.68	2.67

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		
	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
NEW MEXICO.....	\$90.57	\$92.98	\$91.53	39.9	39.4	40.5	\$2.27	\$2.36	\$2.26
Albuquerque.....	92.97	96.29	92.43	39.9	40.8	39.5	2.33	2.36	2.34
NEW YORK.....	(2)	104.67	99.97	(2)	39.8	38.6	(2)	2.63	2.59
Albany-Schenectady-Troy.....	114.52	117.01	109.18	40.9	41.2	39.7	2.80	2.84	2.75
Binghamton 1.....	99.88	102.01	96.72	40.6	41.3	40.3	2.46	2.47	2.40
Buffalo.....	129.67	130.48	121.66	42.1	42.5	41.1	3.08	3.07	2.96
Elmira.....	105.44	105.41	101.05	40.4	40.7	40.1	2.61	2.59	2.52
Nassau and Suffolk Counties 6.....	105.86	108.41	107.25	39.5	40.3	39.0	2.68	2.69	2.75
New York-Northeastern New Jersey.....	(2)	103.10	97.50	(2)	39.2	37.5	(2)	2.63	2.60
New York SMSA 5.....	(2)	99.20	94.21	(2)	38.3	36.8	(2)	2.59	2.56
New York City 6.....	(2)	97.15	91.59	(2)	37.8	36.2	(2)	2.57	2.53
Rochester 1.....	118.44	116.20	(2)	42.0	41.8	(2)	2.82	2.78	(2)
Syracuse.....	114.12	114.13	109.20	41.2	41.5	40.9	2.77	2.75	2.67
Utica-Rome.....	99.79	99.72	97.60	40.4	40.7	40.0	2.47	2.45	2.44
Westchester County 6.....	107.20	106.80	100.61	40.0	40.3	39.3	2.68	2.65	2.56
NORTH CAROLINA.....	73.21	75.18	69.43	40.9	42.0	39.9	1.79	1.79	1.74
Charlotte 1.....	4/79.34	83.33	75.30	4/42.2	43.4	40.7	4/1.88	1.92	1.85
Greensboro-High Point.....	73.05	75.44	70.17	39.7	41.0	39.2	1.84	1.84	1.79
NORTH DAKOTA 3.....	95.74	93.90	108.97	41.0	40.9	42.8	2.34	2.30	2.55
Fargo-Moorhead 3.....	99.99	101.74	98.76	38.5	40.3	40.3	2.60	2.53	2.45
OHIO.....	124.03	125.34	116.65	42.0	42.4	40.5	2.95	2.96	2.88
Akron 1.....	134.00	138.04	124.14	41.5	42.5	39.8	3.23	3.25	3.12
Canton.....	122.39	121.98	115.19	41.1	41.2	39.7	2.98	2.96	2.90
Cincinnati 1.....	119.21	120.92	110.99	42.8	43.5	41.0	2.79	2.78	2.71
Cleveland 1.....	128.22	128.90	120.87	42.6	42.8	41.2	3.01	3.01	2.93
Columbus 1.....	114.48	115.84	109.99	40.8	41.1	40.2	2.81	2.82	2.74
Dayton 1.....	136.57	135.37	127.15	43.1	43.0	41.6	3.17	3.15	3.06
Toledo 1.....	134.02	132.06	123.06	42.9	42.5	40.8	3.12	3.11	3.02
Youngstown-Warren.....	134.14	133.87	126.38	41.5	41.7	40.0	3.23	3.21	3.16
OKLAHOMA.....	100.62	100.86	95.63	42.1	42.2	41.4	2.39	2.39	2.31
Oklahoma City.....	99.84	97.86	92.87	43.6	43.3	42.6	2.29	2.26	2.18
Tulsa.....	108.68	110.40	102.09	41.8	42.3	41.0	2.60	2.61	2.49
OREGON.....	114.07	112.71	109.03	39.2	39.0	38.8	2.91	2.89	2.81
Portland.....	113.00	114.66	109.91	38.7	39.0	38.7	2.92	2.94	2.84
PENNSYLVANIA.....	103.74	104.64	96.14	39.9	40.4	38.0	2.60	2.59	2.53
Allentown-Bethlehem-Easton.....	101.52	99.57	88.40	38.6	39.2	35.5	2.63	2.54	2.49
Altoona.....	86.02	85.93	77.12	39.1	39.6	36.9	2.20	2.17	2.09
Erie.....	113.25	116.10	107.74	42.1	43.0	41.6	2.69	2.70	2.59
Harrisburg 1.....	92.03	92.25	80.29	40.9	41.0	37.0	2.25	2.25	2.17
Johnstown.....	104.88	105.08	102.03	36.8	37.0	37.1	2.85	2.84	2.75
Lancaster.....	95.30	96.28	85.88	40.9	41.5	38.0	2.33	2.32	2.26
Philadelphia.....	107.86	110.30	100.20	39.8	40.7	38.1	2.71	2.71	2.63
Pittsburgh.....	128.23	130.21	118.95	41.1	41.6	39.0	3.12	3.13	3.05
Reading.....	95.00	94.71	87.70	40.6	41.0	37.8	2.34	2.31	2.32
Scranton.....	74.37	73.60	69.00	37.0	36.8	34.5	2.01	2.00	2.00
Wilkes-Barre-Hazleton.....	70.53	70.36	63.30	35.8	35.9	32.8	1.97	1.96	1.93
York 1.....	87.15	86.53	77.14	41.5	41.6	38.0	2.10	2.08	2.03
RHODE ISLAND.....	85.81	85.41	82.97	40.1	40.1	39.7	2.14	2.13	2.09
Providence-Pawtucket-Warwick 1.....	86.03	86.05	83.81	40.2	40.4	40.1	2.14	2.13	2.09
SOUTH CAROLINA.....	77.38	78.07	72.57	41.6	42.2	41.0	1.86	1.85	1.77
Charleston 1.....	82.81	86.74	79.99	40.2	41.7	40.4	2.06	2.08	1.98
Greenville.....	76.38	75.72	70.41	42.2	42.3	40.7	1.81	1.79	1.73
SOUTH DAKOTA.....	106.14	110.62	103.82	44.5	46.5	44.8	2.39	2.38	2.32
Sioux Falls.....	122.72	133.86	117.98	47.6	51.8	47.1	2.58	2.58	2.50

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

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

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

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964	Jan. 1965	Dec. 1964	Jan. 1964
TENNESSEE.....	(2)	\$85.49	\$82.01	(2)	41.3	40.4	(2)	\$2.07	\$2.03
Chattanooga.....	\$88.94	91.76	86.43	40.8	41.9	40.2	\$2.18	2.19	2.15
Knoxville ³	97.23	96.29	93.46	41.2	40.8	39.6	2.36	2.36	2.36
Memphis ³	96.04	94.62	90.09	41.4	41.5	40.4	2.32	2.28	2.23
Nashville.....	92.13	90.47	86.69	41.5	41.5	40.7	2.22	2.18	2.13
TEXAS.....	101.68	103.32	98.40	41.5	42.0	41.0	2.45	2.46	2.40
Dallas.....	93.79	94.30	88.78	41.5	42.1	41.1	2.26	2.24	2.16
Fort Worth ³	106.59	110.14	100.95	41.8	42.2	39.9	2.55	2.61	2.53
Houston.....	119.43	121.41	113.99	42.5	42.9	41.3	2.81	2.83	2.76
San Antonio ¹	78.91	78.31	73.67	42.2	42.1	40.7	1.87	1.86	1.81
UTAH.....	(2)	112.87	109.75	(2)	40.6	40.2	(2)	2.78	2.73
Salt Lake City.....	(2)	107.46	107.04	(2)	40.4	40.7	(2)	2.66	2.63
VERMONT.....	89.25	89.68	84.05	41.9	42.3	40.8	2.13	2.12	2.06
Burlington.....	95.95	95.57	88.26	41.9	42.1	39.4	2.29	2.27	2.24
Springfield.....	103.81	106.82	92.97	42.2	43.6	39.9	2.46	2.45	2.33
VIRGINIA.....	86.31	88.20	79.99	41.1	42.2	39.6	2.10	2.09	2.02
Norfolk-Portsmouth.....	95.44	96.58	90.74	42.8	43.7	42.6	2.23	2.21	2.13
Richmond.....	92.06	96.56	87.34	40.2	41.8	39.7	2.29	2.31	2.20
Roanoke.....	86.23	90.61	77.90	42.9	44.2	41.0	2.01	2.05	1.90
WASHINGTON.....	116.82	115.52	114.66	38.3	38.0	39.0	3.05	3.04	2.94
Seattle-Everett.....	117.94	116.87	116.62	37.8	37.7	39.4	3.12	3.10	2.96
Spokane.....	117.73	120.99	121.29	38.6	39.8	40.7	3.05	3.04	2.98
Tacoma.....	116.19	115.28	110.78	38.6	38.3	38.2	3.01	3.01	2.90
WEST VIRGINIA.....	108.54	108.68	104.94	40.2	40.4	39.6	2.70	2.69	2.65
Charleston.....	129.79	128.23	129.47	41.6	41.1	41.9	3.12	3.12	3.09
Huntington-Ashland.....	116.06	117.49	110.54	40.3	40.1	39.2	2.88	2.93	2.82
Wheeling.....	108.23	109.60	105.15	39.5	40.0	38.8	2.74	2.74	2.71
WISCONSIN.....	113.94	117.03	109.22	41.6	42.5	41.2	2.74	2.76	2.65
Green Bay.....	115.89	115.00	109.07	44.1	44.0	43.3	2.63	2.61	2.52
Kenosha.....	122.59	152.58	123.18	39.3	46.0	40.5	3.12	3.31	3.04
La Crosse.....	109.41	111.82	100.04	41.0	41.3	38.9	2.67	2.71	2.57
Madison.....	120.78	121.69	117.39	41.4	41.5	41.1	2.92	2.93	2.86
Milwaukee.....	124.86	126.70	118.47	41.4	42.0	40.7	3.02	3.02	2.91
Racine.....	124.81	122.77	117.53	42.3	42.1	41.6	2.95	2.91	2.83
WYOMING.....	109.74	110.19	99.96	37.2	38.8	37.3	2.95	2.84	2.68
Casper.....	129.02	124.49	125.11	40.7	39.9	40.1	3.17	3.12	3.12

¹Area definition revised; see Table B-8, page 34.

²Not available.

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

⁴Not strictly comparable with earlier periods because of change in area definition.

⁵Area included in New York-Northeastern New Jersey Standard Consolidated Area.

⁶Subarea 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.....	3.7												
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.....	2.3												
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.....	3.6												
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												
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												

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		
	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964
MANUFACTURING	3.7	2.6	4.0	2.3	1.6	2.6	3.6	3.7	3.9	1.3	1.0	1.5	1.6	2.1	1.7
DURABLE GOODS	3.6	2.4	3.7	2.3	1.6	2.4	3.3	3.3	3.6	1.2	.9	1.3	1.4	1.8	1.5
NONDURABLE GOODS	3.8	2.7	4.3	2.4	1.7	2.8	4.0	4.2	4.2	1.5	1.2	1.7	1.8	2.5	1.9
<i>Durable Goods</i>															
ORDNANCE AND ACCESSORIES	1.7	1.5	1.9	0.8	0.7	1.0	4.3	2.5	3.3	0.9	0.6	0.9	2.8	1.4	1.8
Ammunition, except for small arms	1.6	1.5	2.0	.6	.7	1.0	4.8	2.5	3.4	.9	.7	1.0	3.3	1.4	1.9
Sighting and fire control equipment	1.6	1.2	1.8	.5	.3	.7	3.4	2.7	3.9	.8	.9	1.0	1.3	.6	1.8
Other ordnance and accessories	2.1	1.6	1.9	1.6	.9	1.1	2.6	2.3	2.9	.9	.5	.8	1.4	1.4	1.7
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	4.6	2.7	5.3	3.2	2.0	4.1	6.2	6.3	5.6	2.0	1.7	2.8	3.5	3.9	1.9
Sawmills and planing mills	4.0	2.4	4.4	2.9	1.9	3.6	4.9	4.7	4.6	1.7	1.4	2.5	2.7	2.7	1.3
Sawmills and planing mills, general	4.0	2.3	4.3	2.8	1.8	3.6	5.1	4.8	4.6	1.6	1.4	2.5	3.0	2.8	1.4
Millwork, plywood, and related products	4.0	2.0	4.4	2.9	1.4	3.6	4.2	4.4	4.6	1.7	1.5	2.5	1.9	2.4	1.4
Millwork	4.0	1.6	4.2	2.9	1.1	3.5	3.3	3.6	4.6	1.4	1.3	2.4	1.5	1.8	1.5
Veneer and plywood	3.7	2.2	4.1	2.9	1.6	3.6	3.9	3.7	4.0	1.8	1.6	2.6	1.3	1.7	.6
Wooden containers	3.9	3.0	5.3	2.9	2.4	3.8	4.9	5.7	6.0	2.1	1.5	2.4	2.1	3.5	2.7
Wooden boxes, shooks, and crates	3.9	2.9	5.2	2.8	2.2	3.8	5.0	5.4	5.9	2.0	1.5	2.4	2.3	3.3	2.6
Miscellaneous wood products	5.2	3.3	5.3	3.7	2.6	4.3	4.6	3.9	5.2	2.0	1.7	2.6	1.6	1.5	1.7
FURNITURE AND FIXTURES	4.5	3.0	4.8	3.5	2.3	3.9	4.3	3.5	4.6	2.2	1.5	2.4	1.4	1.3	1.3
Household furniture	4.6	2.9	4.9	3.6	2.4	4.1	4.1	3.5	4.5	2.4	1.7	2.7	1.1	1.1	1.0
Wood house furniture, unupholstered	4.1	2.9	4.7	3.7	2.5	4.1	4.1	3.4	4.4	2.5	1.8	2.7	.8	.9	.8
Wood house furniture, upholstered	3.5	2.3	4.0	3.0	2.0	3.5	3.8	2.9	3.7	2.1	1.3	2.2	1.1	.8	.8
Mattresses and bedsprings	5.6	2.3	4.5	3.9	1.5	3.8	3.7	3.2	4.1	2.1	1.2	2.2	1.0	1.3	1.0
Office furniture	3.9	2.2	3.3	3.1	1.7	2.5	4.1	2.5	3.2	1.9	1.0	1.5	1.4	1.0	1.2
STONE, CLAY, AND GLASS PRODUCTS	3.0	1.9	3.7	1.6	1.0	2.4	4.1	4.6	3.7	1.0	.8	1.3	2.5	3.2	1.7
Flat glass	2.7	1.3	3.5	.7	.5	1.0	3.3	4.1	3.1	.1	.2	.4	2.9	3.6	2.4
Glass and glassware, pressed or blown	3.5	2.2	3.6	1.1	.7	1.9	3.1	4.4	3.7	.9	.6	1.2	1.3	2.9	1.6
Glass containers	4.0	3.1	4.3	1.5	1.0	2.3	3.3	5.3	4.4	1.2	.8	1.6	1.4	3.7	1.8
Pressed and blown glassware, n.e.c.	3.1	1.1	2.8	.6	.4	1.4	2.8	3.4	2.8	.6	.4	.7	1.3	2.1	1.3
Cement, hydraulic	2.2	.7	2.9	.6	.4	1.1	5.5	4.5	3.0	.3	.2	.6	4.6	3.9	2.0
Structural clay products	2.7	1.7	3.9	1.6	1.2	2.6	4.1	5.4	3.9	1.4	1.2	1.7	2.1	3.8	1.6
Brick and structural clay tile	3.2	1.5	4.3	1.9	1.4	3.0	4.8	7.6	4.5	1.7	1.4	2.1	2.6	5.8	1.8
Pottery and related products	3.6	3.6	3.1	1.8	1.3	2.0	3.0	4.0	3.4	1.1	.9	1.2	1.3	2.5	1.6
Abrasive products	1.3	.9	1.7	1.2	.7	1.3	1.1	1.0	1.5	.4	.4	.7	.2	.2	.3
PRIMARY METAL INDUSTRIES	2.6	1.9	3.0	1.6	1.1	1.8	2.0	1.8	2.3	.7	.5	.8	.5	.7	.8
Blast furnace and basic steel products	2.3	1.7	2.8	1.3	.9	1.5	1.9	1.6	1.8	.5	.4	.6	.6	.6	.6
Blast furnaces, steel and rolling mills	2.2	1.7	2.9	1.2	.9	1.5	1.9	1.6	1.8	.4	.4	.6	.6	.6	.5
Iron and steel foundries	3.7	2.7	3.9	2.7	1.8	2.8	2.4	2.5	3.3	1.3	1.0	1.4	1.4	.7	.9
Gray iron foundries	3.4	2.6	3.8	2.6	1.7	2.5	2.5	2.4	3.2	1.4	.9	1.4	.4	.6	.8
Malleable iron foundries	3.9	3.1	4.5	3.8	2.2	3.3	2.8	3.2	3.9	1.8	1.3	1.6	(1)	.7	.6
Steel foundries	4.2	2.8	3.7	2.4	1.8	2.9	2.0	2.4	3.2	.9	1.0	1.4	.4	.8	1.1
Nonferrous smelting and refining	1.9	1.5	2.3	1.3	.9	1.5	1.8	1.5	2.1	.7	.4	.9	.5	.6	.6
Nonferrous rolling, drawing, and extruding	1.7	1.3	2.3	1.0	.7	1.2	1.8	1.6	2.3	.6	.4	.7	.7	.8	1.2
Copper rolling, drawing, and extruding	1.6	1.1	1.5	1.3	.6	1.1	1.7	1.9	1.7	.4	.3	.6	.6	1.0	.6
Aluminum rolling, drawing, and extruding	2.0	1.5	2.3	.6	.6	1.0	2.0	1.6	2.3	.5	.3	.5	1.0	.9	1.3
Nonferrous wire drawing, and insulating	1.7	1.3	3.2	1.0	.8	1.6	1.7	1.7	3.1	.7	.6	.9	.6	.8	1.8
Nonferrous foundries	4.2	2.7	4.1	3.3	2.0	3.1	2.9	2.7	3.8	1.4	1.2	1.7	.6	1.0	1.4
Aluminum castings	4.6	3.2	4.5	3.6	2.3	3.4	3.0	2.9	4.3	1.6	1.3	2.0	.5	1.0	1.5
Other nonferrous castings	3.8	2.2	3.7	3.1	1.8	2.8	2.8	2.5	3.4	1.3	1.0	1.5	.7	1.0	1.3
Miscellaneous primary metal industries	2.7	1.6	2.7	2.0	1.2	1.6	2.0	1.7	2.5	.7	.6	.8	.7	.7	1.1
Iron and steel forgings	2.5	1.5	2.8	2.0	1.1	1.6	1.6	1.4	2.5	.7	.4	.8	.5	.5	1.2

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

ESTABLISHMENT DATA
LABOR TURNOVER

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

Industry	(Per 100 employees)														
	Accession rates						Separation rates								
	Total			New hires			Total			Quits			Layoffs		
	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964
<i>Durable Goods--Continued</i>															
FABRICATED METAL PRODUCTS	4.0	2.8	4.3	2.8	1.9	2.9	3.7	3.5	4.1	1.4	1.0	1.5	1.5	1.8	1.8
Metal cans	6.4	4.5	5.7	1.6	1.9	2.2	5.0	7.1	5.8	.6	.5	1.1	3.4	5.7	3.8
Cutlery, hand tools, and general hardware	2.9	2.8	3.7	2.4	1.9	2.4	2.8	2.3	3.5	1.4	.9	1.2	.8	.5	1.1
Cutlery and hand tools, including saws	2.9	2.5	2.7	2.6	2.1	2.2	2.9	1.8	2.4	1.2	.8	1.1	1.2	.4	.7
Hardware, n.e.c.	2.9	2.9	4.3	2.3	1.7	2.6	2.8	2.6	4.1	1.5	1.0	1.3	.6	.6	1.4
Heating equipment and plumbing fixtures	3.1	2.2	3.5	1.5	1.5	2.4	3.0	3.9	3.7	1.0	.8	1.4	1.3	2.5	1.7
Sanitary ware and plumbers' brass goods	3.8	1.9	3.2	1.6	1.3	2.1	2.5	3.0	3.3	1.0	.7	1.3	.8	1.7	1.4
Heating equipment, except electric	2.5	2.5	3.8	1.5	1.6	2.7	3.5	4.6	4.1	1.1	.8	1.4	1.8	3.3	2.0
Fabricated structural metal products	3.7	2.8	4.6	2.7	2.0	3.4	4.7	4.2	4.3	1.4	1.0	1.6	2.6	2.3	1.8
Fabricated structural steel	3.9	3.1	5.1	2.7	2.0	3.5	5.1	5.4	4.9	1.3	1.1	1.6	2.8	2.9	2.4
Fabricated plate work (boiler shops)	3.3	2.6	3.6	2.7	2.0	2.7	3.2	2.3	3.0	1.2	.9	1.4	1.4	.8	1.0
Architectural and miscellaneous metal work	2.8	2.2	4.6	1.7	1.9	3.3	4.7	3.6	4.1	1.0	1.0	1.5	3.1	2.2	1.9
Screw machine products, bolts, etc.	3.1	2.4	3.0	2.5	2.1	2.4	2.6	2.3	2.9	1.5	1.1	1.4	.5	.5	.8
Bolts, nuts, screws, rivets, and washers	2.2	1.7	2.4	1.7	1.4	1.9	2.0	1.8	2.2	.9	.7	1.1	.4	.5	.5
Metal stampings	5.0	2.8	4.5	3.6	1.9	2.5	3.2	2.8	4.2	1.6	.8	1.2	1.0	1.3	2.3
Miscellaneous fabricated wire products	3.5	2.7	4.2	2.9	2.3	3.1	2.7	3.0	3.8	1.5	1.3	1.7	.8	1.2	1.4
Miscellaneous fabricated metal products	4.2	2.3	3.3	3.0	1.5	2.2	2.5	2.6	3.3	1.3	.9	1.2	.6	1.2	1.4
Valves, pipe, and pipe fittings	4.3	2.4	3.0	3.4	1.8	2.2	2.6	2.1	2.8	1.4	.8	1.2	.5	.7	1.0
MACHINERY	3.1	2.3	3.0	2.4	1.7	2.2	2.1	1.9	2.6	1.1	.8	1.1	.5	.5	.8
Engines and turbines	3.0	2.3	2.6	1.9	1.4	1.5	1.5	1.8	2.3	.6	.5	.6	.2	.3	.6
Steam engines and turbines	2.4	1.6	1.8	1.3	.7	.7	1.6	1.6	2.0	.3	.2	.3	.2	.3	.6
Internal combustion engines, n.e.c.	3.3	2.7	3.1	2.3	1.8	2.0	1.5	1.9	2.4	.8	.6	.8	.2	.3	.6
Farm machinery and equipment	4.8	3.6	3.5	3.4	2.4	2.4	2.1	1.8	3.5	1.1	.8	1.3	.4	.4	1.5
Construction and related machinery	2.6	1.9	2.9	2.1	1.5	2.4	2.2	1.6	2.3	1.1	.7	1.1	.6	.4	.6
Construction and mining machinery	2.4	1.7	2.8	2.0	1.4	2.3	1.9	1.5	2.2	.9	.6	1.1	.5	.3	.5
Oil field machinery, and equipment	2.1	1.9	2.7	1.9	1.5	2.3	1.8	1.3	2.0	1.1	.8	1.2	.3	.1	.2
Conveyors, hoists, and industrial cranes	3.4	2.5	3.2	2.6	1.7	2.6	2.3	1.8	2.8	1.2	.8	1.2	.6	.5	1.0
Metalworking machinery and equipment	2.7	2.3	3.0	2.4	1.8	2.3	2.3	1.8	2.5	1.2	.8	1.1	.4	.5	.7
Machine tools, metal cutting types	2.2	1.5	2.2	2.0	1.3	1.9	1.5	1.2	1.6	.9	.6	.9	.2	.1	.2
Machine tool accessories	2.0	1.7	2.2	1.8	1.4	1.8	1.7	1.3	1.7	.9	.7	.9	.2	.1	.3
Miscellaneous metalworking machinery	1.9	1.4	2.4	1.7	1.2	1.9	1.9	1.3	1.8	.8	.6	.9	.5	.3	.4
Special industry machinery	3.1	2.0	2.6	2.4	1.5	2.1	1.9	1.7	2.2	1.0	.7	1.1	.4	.6	.6
Food products machinery	3.2	2.2	2.7	2.4	1.6	2.0	1.6	2.0	2.6	.9	.7	1.0	.3	.9	1.0
Textile machinery	3.4	2.4	2.7	3.0	1.9	2.1	2.3	1.9	2.3	1.4	1.0	1.2	.2	.3	.6
General industrial machinery	2.3	1.9	2.5	1.9	1.6	2.0	1.9	1.7	2.2	.9	.8	1.0	.4	.4	.7
Pumps, air and gas compressors	2.2	1.8	2.5	2.0	1.5	2.1	1.6	1.5	1.9	.9	.7	1.0	.1	.3	.3
Ball and roller bearings	1.9	1.3	2.1	1.5	.8	1.3	1.2	1.0	2.2	.8	.5	.7	.1	.2	1.1
Mechanical power transmission goods	2.4	2.9	2.5	2.2	2.3	2.0	1.8	2.2	1.9	.9	1.4	1.0	.4	.2	.4
Office, computing, and accounting machines	2.1	1.9	2.7	1.5	1.4	1.6	1.8	1.7	2.4	.8	.6	.8	.2	.5	.6
Computing machines and cash registers	2.2	1.9	2.8	1.5	1.4	1.6	1.7	1.4	2.4	.7	.6	.7	.1	.2	.5
Service industry machines	4.5	2.8	3.7	3.3	1.9	2.5	2.9	2.6	3.4	1.4	.8	1.3	.8	1.0	1.4
Refrigeration, except home refrigerators	4.8	3.3	4.1	4.0	2.0	2.6	3.3	2.5	3.9	1.5	.8	1.3	1.1	.9	1.7
ELECTRICAL EQUIPMENT AND SUPPLIES	3.2	2.4	3.2	2.2	1.6	2.0	2.9	2.8	3.2	1.2	1.0	1.2	.9	1.1	1.2
Electric distribution equipment	2.4	1.8	2.4	1.8	1.3	1.7	2.1	1.9	2.3	1.0	.7	1.0	.6	.5	.6
Electric measuring instruments	3.5	2.5	2.8	2.7	1.8	1.9	3.3	2.4	2.8	1.4	1.0	1.2	1.1	.8	.9
Power and distribution transformers	2.3	1.7	2.4	1.4	1.1	1.4	1.6	1.9	2.2	.9	.6	.9	.2	.8	.8
Switchgear and switchboard apparatus	1.5	1.4	2.2	1.2	1.0	1.7	1.6	1.4	1.9	.7	.6	.9	.4	.2	.4
Electrical industrial apparatus	3.2	2.4	3.0	2.6	1.7	2.1	2.9	1.9	2.5	1.4	.9	1.2	.8	.5	.8
Motors and generators	3.6	2.7	3.0	2.8	1.8	1.8	2.9	1.9	2.7	1.4	.8	1.1	.7	.5	1.0
Industrial controls	2.8	1.9	2.8	2.4	1.5	2.2	3.5	1.8	2.2	1.5	.8	1.2	1.1	.4	.4
Household appliances	4.2	2.0	3.3	2.4	1.4	2.1	3.1	3.8	3.1	1.3	.8	1.2	1.1	2.4	1.2
Household refrigerators and freezers	4.0	2.4	3.2	2.9	1.8	1.7	3.0	1.7	2.7	1.6	.6	.8	.5	.3	1.0
Household laundry equipment	1.8	1.8	3.0	1.2	1.3	1.9	2.4	4.0	2.7	.5	.7	1.1	1.4	2.9	1.2
Electric housewares and fans	6.2	1.7	4.5	1.7	1.0	2.8	4.5	8.0	4.5	1.7	1.4	2.0	2.3	5.9	1.8
Electric lighting and wiring equipment	3.6	2.0	3.3	2.6	1.6	2.3	2.8	3.1	3.2	1.4	1.0	1.3	.7	1.4	1.2
Electric lamps	2.1	1.1	1.9	1.3	.7	1.3	1.3	1.3	1.6	.7	.5	.7	.2	.3	.4
Lighting fixtures	4.7	2.0	4.1	2.9	1.4	2.6	3.8	4.3	4.2	1.7	1.1	1.4	1.3	2.5	2.0
Wiring devices	3.4	2.5	3.4	2.8	2.0	2.5	2.7	2.9	3.2	1.5	1.2	1.5	.5	1.0	.8
Radio and TV receiving sets	3.1	2.9	4.9	1.7	1.7	2.8	3.5	5.0	4.8	1.2	1.5	1.7	1.5	2.4	2.2
Communication equipment	2.2	2.0	2.4	1.5	1.4	1.5	2.2	2.2	2.7	1.0	.9	1.0	.7	.8	1.1
Telephone and telegraph apparatus	(2)	2.4	2.1	(2)	2.1	1.7	(2)	1.1	1.3	(2)	.7	.8	(2)	(1)	.1
Radio and TV communication equipment	2.1	1.8	2.6	1.3	1.2	1.5	2.6	2.6	3.3	1.0	1.0	1.1	1.0	1.1	1.4
Electronic components and accessories	4.5	3.4	4.4	3.0	2.3	2.7	3.6	3.0	4.1	1.7	1.2	1.6	1.1	1.1	1.7
Electron tubes	2.5	2.0	2.5	1.4	1.2	1.2	2.1	1.8	2.7	.9	1.0	1.1	.7	.3	1.0
Electronic components, n.e.c.	5.1	3.8	5.1	3.5	2.6	3.2	4.1	3.4	4.6	1.9	1.3	1.8	1.2	1.4	1.9
Miscellaneous electrical equipment and supplies	3.1	2.5	3.3	1.6	1.6	1.8	4.0	2.9	3.5	1.2	1.0	1.1	2.1	1.2	1.7
Electrical equipment for engines	3.5	2.5	2.9	1.5	1.5	1.5	3.9	2.6	3.1	1.4	.9	.9	1.9	.9	1.5

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		
	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964
<i>Durable Goods--Continued</i>															
TRANSPORTATION EQUIPMENT	4.1	2.7	4.1	2.4	1.5	2.1	3.9	2.9	4.1	1.0	0.7	1.0	2.2	1.5	2.3
Motor vehicles and equipment	(2)	2.4	4.1	(2)	1.3	2.0	(2)	2.3	4.0	(2)	.5	.7	(2)	.8	2.2
Motor vehicles	(2)	2.0	4.4	(2)	1.2	1.9	(2)	2.0	4.2	(2)	.5	.7	(2)	.5	2.5
Passenger car bodies	(2)	3.3	6.8	(2)	1.8	1.7	(2)	2.7	6.2	(2)	.1	.6	(2)	.6	3.2
Truck and bus bodies	(2)	4.4	5.4	(2)	2.3	3.6	(2)	2.6	5.0	(2)	.8	1.7	(2)	1.3	2.6
Motor vehicle parts and accessories	(2)	2.2	3.3	(2)	1.0	1.7	(2)	2.4	3.4	(2)	.5	.7	(2)	1.1	1.7
Aircraft and parts	2.4	1.8	2.1	1.9	1.2	1.4	2.8	1.6	2.6	.9	.6	.9	1.4	.7	1.2
Aircraft	2.2	1.5	1.9	1.7	1.0	1.3	2.6	1.4	2.4	.7	.5	.9	1.6	.7	1.2
Aircraft engines and engine parts	2.3	1.7	1.7	1.8	1.2	1.0	1.9	1.5	2.4	.8	.5	.8	.8	.6	1.1
Other aircraft parts and equipment	3.4	2.8	3.2	2.8	2.1	2.4	4.8	2.5	3.6	1.6	1.0	1.3	1.8	1.0	1.7
Ship and boat building and repairing	11.4	7.2	10.6	5.6	3.2	4.8	8.5	7.8	9.7	2.0	1.4	2.0	5.9	5.6	6.9
Ship building and repairing	12.1	7.5	11.5	5.5	3.1	4.8	9.1	8.7	10.2	1.7	1.3	1.8	6.9	6.5	7.7
Railroad equipment	3.9	5.8	5.5	2.7	1.9	2.9	2.5	3.6	4.6	.8	.8	1.1	.9	2.1	2.4
Other transportation equipment	8.5	3.2	8.3	3.5	2.5	6.4	6.0	12.7	7.5	2.4	2.0	3.6	2.6	9.3	2.6
INSTRUMENTS AND RELATED PRODUCTS	2.5	1.8	2.8	1.9	1.2	1.9	2.3	2.2	2.7	1.1	.8	1.2	.6	.8	.9
Engineering and scientific instruments	2.1	1.3	2.2	1.8	.9	1.2	2.3	1.6	2.7	1.0	.6	.8	.7	.7	1.3
Mechanical measuring and control devices	2.6	2.2	3.1	2.0	1.1	2.0	2.4	2.8	3.1	1.1	.9	1.3	.6	1.0	.9
Mechanical measuring devices	2.2	1.4	2.4	1.9	1.0	2.0	2.1	1.6	2.3	1.0	.8	1.1	.5	.5	.7
Automatic temperature controls	3.4	3.6	4.3	2.1	1.2	2.0	3.0	4.7	4.4	1.4	1.1	1.5	.8	1.8	1.4
Optical and ophthalmic goods	3.9	2.4	3.1	3.0	1.9	2.5	2.8	2.9	2.9	1.9	1.1	1.5	.4	1.1	.7
Surgical, medical, and dental equipment	2.5	1.8	3.0	2.1	1.5	2.3	2.5	1.6	2.8	1.2	.8	1.3	.6	.4	.9
Photographic equipment and supplies	1.4	1.4	2.1	1.1	1.1	1.8	1.2	1.2	1.7	.5	.5	.9	.3	.3	.4
Watches and clocks	3.4	1.8	4.0	2.1	.9	2.0	3.7	4.5	4.1	1.6	1.2	1.5	1.3	2.2	1.8
MISCELLANEOUS MANUFACTURING INDUSTRIES	7.6	3.1	5.7	3.2	2.1	3.8	5.0	12.5	5.7	1.7	1.4	2.0	2.6	10.3	2.9
Jewelry, silverware, and plated ware	3.3	1.7	4.3	2.2	1.3	3.2	3.6	4.0	3.9	1.9	1.4	1.8	1.3	2.1	1.5
Toys, amusement, and sporting goods	16.3	4.8	9.5	4.2	3.2	5.4	7.7	32.5	9.5	1.9	1.7	2.6	4.9	29.5	5.8
Toys, games, dolls, and play vehicles	23.2	5.2	12.0	4.1	3.4	6.3	9.4	47.6	11.7	1.5	1.7	2.7	7.2	44.8	7.8
Sporting and athletic goods, n.e.c.	6.4	4.0	5.4	4.5	2.8	3.6	5.3	5.9	5.8	2.4	1.6	2.3	1.6	2.7	2.5
Pens, pencils, office and art materials	2.7	1.3	3.5	2.1	1.1	2.7	4.7	3.7	3.4	1.2	1.0	1.5	3.1	2.3	1.3
Costume jewelry, buttons, and notions	6.3	2.6	5.7	4.0	1.9	4.1	4.7	6.2	5.9	2.1	1.7	2.6	1.9	3.8	2.4
Other manufacturing industries	5.0	2.9	4.2	2.8	1.8	3.1	3.9	5.6	4.2	1.5	1.1	1.6	1.6	3.8	1.8
<i>Nondurable Goods</i>															
FOOD AND KINDRED PRODUCTS	4.0	3.3	6.0	2.2	2.0	3.8	5.4	6.4	5.9	1.5	1.3	2.0	3.2	4.5	3.3
Meat products	4.7	3.8	5.6	2.2	1.7	2.9	5.5	6.2	5.5	1.6	1.4	2.0	3.3	4.4	3.0
Meat packing	4.2	4.0	5.2	1.2	.9	1.7	4.8	5.1	5.0	.9	.7	.9	3.4	4.1	3.7
Poultry dressing and packing	8.1	4.3	8.4	5.8	3.8	6.7	9.6	11.6	8.6	4.3	3.6	5.4	4.3	7.3	2.2
Grain mill products	2.2	2.5	3.1	1.5	1.3	2.1	3.0	2.8	3.3	1.1	.7	1.1	1.2	1.7	1.6
Flour and other grain mill products	1.5	2.4	2.8	1.0	1.2	1.8	2.0	3.3	3.1	.9	.5	1.0	.8	2.4	1.7
Prepared feeds for animals and fowls	2.9	3.4	3.3	2.2	1.9	2.4	3.6	2.6	3.6	1.4	.9	1.3	1.3	1.2	1.7
Bakery products	2.8	2.4	3.4	1.9	1.8	2.8	3.3	3.3	3.5	1.4	1.2	1.8	1.1	1.5	1.1
Bread, cake, and perishable products	2.2	2.2	3.2	1.9	1.8	2.8	3.2	3.1	3.2	1.4	1.2	1.8	1.0	1.3	.8
Biscuit, crackers, and pretzels	5.8	3.3	4.3	2.2	1.6	2.6	4.3	4.4	5.0	1.5	1.2	1.7	1.4	2.5	2.4
Confectionery and related products	6.0	4.1	6.6	2.8	2.5	3.9	7.1	9.5	6.7	2.6	2.5	2.6	3.9	6.3	3.4
Candy and other confectionery products	6.9	4.7	7.6	3.2	2.9	4.5	8.1	10.7	7.5	3.1	2.8	3.0	4.4	7.1	3.7
Beverages	3.9	3.3	4.9	1.8	1.9	3.1	4.4	5.4	4.8	1.3	1.1	1.8	2.5	3.7	2.4
Malt liquors	3.8	3.4	4.2	1.0	.9	1.5	5.3	4.4	4.5	.4	.3	.6	4.6	3.5	3.4
TOBACCO MANUFACTURES	3.9	7.1	6.5	1.7	2.5	3.6	4.4	10.7	6.6	1.0	1.0	1.3	2.7	9.2	4.7
Cigarettes	.6	.4	1.3	.3	.2	.7	1.0	1.8	1.4	.3	.2	.5	.1	1.3	.4
Cigars	3.2	1.5	4.7	1.8	1.1	3.2	5.2	6.4	4.4	1.9	1.3	2.3	2.9	4.9	1.6

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

ESTABLISHMENT DATA
LABOR TURNOVER

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

Industry	(Per 100 employees)									Separation rates					
	Accession rates						Total			Quits			Layoffs		
	Total			New hires			Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964
	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964									
<i>Nondurable Goods--Continued</i>															
TEXTILE MILL PRODUCTS	3.8	2.5	3.8	2.6	1.7	2.7	3.9	3.5	3.8	2.0	1.4	2.1	1.3	1.6	1.1
Cotton broad woven fabrics	2.9	2.1	3.2	2.3	1.5	2.4	2.9	2.2	3.1	2.0	1.4	2.2	.3	.3	.3
Silk and synthetic broad woven fabrics	3.0	2.1	3.2	2.4	1.7	2.4	3.5	2.4	3.2	1.8	1.2	1.9	1.0	.7	.6
Weaving and finishing broad woolsens	4.7	3.0	4.3	2.6	1.9	2.5	4.1	3.7	5.0	1.6	1.1	1.8	1.8	2.0	2.4
Narrow fabrics and smallwares	4.0	2.7	3.8	3.0	2.0	2.7	3.8	2.7	3.5	2.1	1.2	1.7	.7	1.0	1.1
Knitting	4.8	2.2	4.4	2.9	1.5	3.0	5.2	5.6	4.4	2.0	1.5	2.1	2.7	3.7	1.6
Full-fashioned hosiery	5.5	2.1	4.2	4.1	1.6	3.3	3.9	2.4	3.6	2.6	1.5	2.4	.9	.6	.6
Seamless hosiery	3.1	1.7	3.2	2.3	1.3	2.4	3.2	3.2	3.1	2.0	1.4	2.0	.8	1.4	.7
Knit underwear	3.5	2.1	2.8	1.9	1.1	1.9	2.5	3.0	2.9	1.7	1.3	1.8	.4	1.4	.8
Finishing textiles, except wool and knit	2.9	1.9	2.7	2.1	1.4	1.9	3.6	2.3	2.8	1.5	.9	1.5	1.4	.9	.8
Floor covering	3.4	2.4	4.1	2.7	1.7	3.1	3.8	3.0	3.8	2.1	1.4	1.9	1.0	.9	1.1
Yarn and thread	4.4	3.7	4.8	3.5	2.3	3.6	4.4	4.1	4.7	2.7	1.9	2.8	.9	1.5	1.1
Miscellaneous textile goods	4.3	3.2	4.2	2.4	1.6	2.4	3.7	3.1	4.2	1.5	1.0	1.5	1.6	1.4	1.9
APPAREL AND RELATED PRODUCTS	6.0	3.5	5.6	3.6	1.9	3.3	5.2	5.4	5.6	2.2	1.5	2.2	2.2	3.3	2.6
Men's and boys' suits and coats	3.7	2.6	3.4	2.7	1.3	1.9	2.7	2.0	3.3	1.4	.8	1.3	.5	.8	1.5
Men's and boys' furnishings	5.4	2.8	4.7	3.8	2.0	3.3	4.4	4.1	4.5	2.6	1.9	2.7	1.1	1.6	1.1
Men's and boys' shirts and nightwear	5.1	2.6	4.2	3.3	1.6	3.0	4.1	4.1	4.2	2.6	2.0	2.7	.7	1.5	.9
Men's and boys' separate trousers	5.9	3.0	4.6	4.7	2.0	3.4	3.9	3.9	4.6	2.9	1.9	2.9	.3	1.6	1.1
Work clothing	4.8	2.7	4.6	3.6	2.2	3.6	4.2	3.0	4.2	2.7	2.0	3.0	.9	.5	.7
Women's and children's undergarments	4.8	2.4	4.8	3.0	1.7	3.3	5.5	5.4	5.1	2.6	1.7	2.5	2.2	3.1	1.9
Women's and children's underwear	5.0	2.5	5.1	3.0	1.7	3.5	5.8	6.6	5.5	2.6	1.9	2.7	2.6	4.1	2.0
Corsets and allied garments	4.5	2.2	4.2	3.0	1.6	2.8	4.8	3.4	4.2	2.6	1.4	1.9	1.5	1.3	1.6
PAPER AND ALLIED PRODUCTS	2.4	1.9	2.8	1.7	1.2	2.0	2.8	2.6	2.8	1.1	.8	1.3	1.1	1.2	.9
Paper and pulp	1.3	1.4	1.8	.8	.8	1.3	1.7	1.6	1.8	.7	.5	.8	.6	.7	.6
Paperboard	1.3	1.5	1.9	1.1	1.1	1.4	1.5	1.3	1.9	.6	.5	.9	.5	.5	.5
Converted paper and paperboard products	3.3	2.3	3.5	2.4	1.4	2.6	3.9	3.5	3.6	1.4	1.0	1.6	1.9	1.9	1.2
Bags, except textile bags	3.6	3.2	4.5	2.4	1.5	3.3	4.7	4.7	5.1	1.7	1.4	2.2	2.2	2.5	1.9
Paperboard containers and boxes	3.1	2.2	3.6	2.3	1.5	2.7	3.6	3.4	3.5	1.6	1.2	1.6	1.3	1.5	1.1
Folding and setup paperboard boxes	3.3	2.1	3.9	2.5	1.7	3.0	4.8	4.3	3.8	1.7	1.3	1.7	2.4	2.4	1.3
Corrugated and solid fiber boxes	2.6	1.9	3.2	2.2	1.4	2.7	2.9	2.7	3.1	1.6	1.1	1.6	.6	.9	.8
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	2.9	2.3	3.1	2.1	1.7	2.4	3.0	2.8	3.0	1.5	1.1	1.5	1.0	1.3	1.0
CHEMICALS AND ALLIED PRODUCTS	1.8	1.4	2.1	1.2	1.0	1.5	1.8	1.6	2.1	.7	.5	.8	.6	.7	.8
Industrial chemicals	1.0	.8	1.2	.6	.6	.9	1.4	.9	1.3	.4	.3	.5	.5	.3	.4
Plastics and synthetics, except glass	1.6	1.3	1.9	1.3	1.0	1.4	1.4	1.1	1.5	.6	.5	.7	.4	.2	.4
Plastics and synthetics, except fibers	1.7	1.1	1.9	1.5	1.0	1.5	1.2	1.6	.8	.5	.8	.2	.2	.4	.4
Synthetic fibers	1.6	1.5	1.8	1.2	1.0	1.4	1.5	.9	1.3	.6	.5	.6	.5	.2	.3
Drugs	1.9	1.3	1.8	1.6	1.1	1.5	1.8	1.4	1.8	.8	.7	1.0	.5	.3	.4
Pharmaceutical preparations	2.2	1.5	2.0	2.0	1.2	1.6	2.1	1.6	2.0	1.0	.8	1.1	.6	.4	.5
Soap, cleaners, and toilet goods	3.0	2.2	3.5	1.8	1.3	2.3	3.0	4.0	3.4	.9	.8	1.2	1.3	2.1	1.5
Soap and detergents	2.5	2.0	2.8	1.0	.8	1.4	2.2	1.7	2.8	.5	.5	.7	1.4	.7	1.5
Toilet preparations	3.8	3.0	5.1	2.5	1.9	3.4	4.5	7.8	4.9	1.5	1.2	1.8	1.9	5.1	2.0
Paints, varnishes, and allied products	1.7	1.2	2.1	1.3	1.0	1.8	1.8	1.3	2.0	.9	.6	1.1	.3	.4	.4
Other chemical products	1.8	1.7	2.6	1.0	1.0	1.7	2.4	2.7	2.7	.7	.6	1.0	1.2	1.7	1.2
PETROLEUM REFINING AND RELATED INDUSTRIES	1.0	.9	1.6	.5	.6	1.1	1.4	2.2	1.8	.3	.3	.6	.5	1.4	.7
Petroleum refining . . . . .	.6	.8	1.1	.3	.6	.8	.9	1.1	1.3	.2	.3	.5	.1	.4	.4
Other petroleum and coal products	3.1	1.3	3.9	1.3	.7	2.5	3.9	7.1	4.0	.8	.6	1.3	2.4	6.0	2.0
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	3.6	2.4	3.9	2.3	1.5	2.6	3.3	3.3	3.8	1.4	1.0	1.5	1.2	1.6	1.5
Tires and inner tubes	1.3	.9	1.5	.6	.4	.7	1.8	1.1	1.7	.3	.2	.4	.9	.5	.8
Other rubber products	3.7	2.5	3.5	1.9	1.3	2.0	2.9	3.0	3.5	1.2	1.0	1.3	1.0	1.6	1.5
Miscellaneous plastic products	4.9	3.1	5.6	3.7	2.2	4.2	4.7	4.8	5.3	2.2	1.6	2.4	1.5	2.3	1.9

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		
	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964	Jan. 1965	Dec. 1964	Avg. 1964
<i>Nondurable Goods--Continued</i>															
LEATHER AND LEATHER PRODUCTS	5.9	3.9	5.1	3.6	2.6	3.4	5.2	4.9	5.0	2.4	1.7	2.4	2.0	2.5	1.8
Leather tanning and finishing	3.1	3.2	3.9	2.2	1.7	2.5	3.6	2.6	3.7	1.0	.9	1.3	2.1	1.2	1.8
Footwear, except rubber	5.3	4.2	4.7	3.8	2.8	3.2	5.0	3.6	4.6	2.7	1.8	2.5	1.4	1.2	1.4
NONMANUFACTURING															
METAL MINING	2.7	2.3	3.2	1.5	1.5	2.0	2.2	3.1	3.0	1.0	.9	1.5	.7	1.3	.7
Iron ores	4.1	1.5	2.7	.7	.3	.8	2.4	4.0	2.3	.3	.2	.4	1.7	3.4	1.3
Copper ores	1.4	2.0	2.7	1.0	1.3	1.6	1.1	1.4	2.5	.5	.7	1.3	.2	.1	.3
COAL MINING	1.4	1.2	1.7	.8	.6	.9	1.5	1.6	1.8	.4	.3	.4	.6	1.0	.9
Bituminous	1.4	1.2	1.6	.8	.7	.9	1.2	1.3	1.7	.4	.3	.5	.3	.6	.8
COMMUNICATIONS:															
Telephone communication	(2)	1.2	1.8	(2)	-	-	(2)	1.3	1.5	(2)	.8	1.0	(2)	.2	.2
Telegraph communication ³	(2)	1.1	1.5	(2)	-	-	(2)	1.5	1.8	(2)	.5	.8	(2)	.5	.6

¹Less than 0.05.

²Not available.

³Data relate to all employees except messengers.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED LABOR TURNOVER

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

(Per 100 employees)												
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1955.....	4.1	4.3	4.7	4.5	4.6	4.3	4.2	4.6	4.5	4.6	4.7	4.3
1956.....	4.2	4.2	4.0	4.3	4.2	4.0	4.0	3.9	4.2	4.8	4.3	4.0
1957.....	4.0	3.9	3.7	3.7	3.6	3.8	3.9	3.3	3.3	3.3	3.1	3.0
1958.....	3.1	3.1	3.2	3.3	3.5	3.7	3.9	3.9	4.0	3.9	3.9	4.2
1959 ¹	4.0	4.3	4.6	4.3	4.1	4.2	4.1	4.1	4.0	3.8	4.2	5.6
1960.....	4.2	4.1	3.7	3.6	3.8	3.7	3.6	3.9	3.8	3.5	3.7	3.6
1961.....	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.2	3.7	4.3	4.3	4.1
1962.....	4.3	4.2	4.1	4.1	4.2	4.0	4.2	4.0	3.9	3.9	3.8	3.8
1963.....	3.8	3.8	3.8	4.0	3.9	3.9	3.9	3.8	3.8	3.9	3.7	4.0
1964.....	3.8	4.0	4.0	3.9	3.8	4.1	4.0	4.0	3.8	4.0	4.1	4.1
1965.....	3.9											
New hires												
1955.....	2.4	2.6	3.0	2.9	3.0	2.9	2.9	3.2	3.1	3.1	3.5	3.2
1956.....	3.0	3.0	2.6	2.8	2.8	2.7	2.5	2.6	2.6	2.9	2.8	2.9
1957.....	2.8	2.5	2.4	2.4	2.3	2.4	2.4	2.1	1.9	1.9	1.6	1.3
1958.....	1.4	1.4	1.3	1.5	1.5	1.6	1.8	1.8	2.0	2.0	2.1	2.2
1959.....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.7	2.4	2.4	2.7
1960.....	2.6	2.8	2.4	2.2	2.3	2.2	2.1	2.2	2.1	1.9	1.9	1.8
1961.....	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.5	2.6	2.5
1962.....	2.7	2.7	2.6	2.6	2.7	2.5	2.5	2.4	2.4	2.3	2.3	2.2
1963.....	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.6
1964.....	2.4	2.6	2.6	2.6	2.5	2.6	2.5	2.5	2.7	2.6	2.8	2.9
1965.....	2.8											
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.....	3.5											
Quits												
1955.....	1.5	1.6	1.7	1.8	1.8	1.8	1.9	2.0	2.1	2.0	2.1	2.0
1956.....	2.0	2.1	2.0	1.9	1.9	2.0	1.8	2.0	1.9	1.9	1.9	1.9
1957.....	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.7	1.6	1.4	1.3	1.2
1958.....	1.1	1.1	1.0	.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3
1959.....	1.4	1.3	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6
1960.....	1.5	1.6	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1961.....	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962.....	1.4	1.5	1.5	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963.....	1.4	1.3	1.5	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964.....	1.5	1.5	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965.....	1.6											
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											

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

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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	
	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964
ALABAMA ¹	2.7	2.9	1.3	1.6	2.9	3.2	1.0	1.1	1.5	1.6
Birmingham.....	2.8	1.8	.9	1.0	2.1	2.8	.5	.5	1.2	1.8
Mobile ¹	4.4	9.2	2.2	3.6	8.6	4.5	1.3	.6	6.4	3.4
ALASKA.....	5.3	3.7	4.4	3.4	23.2	18.7	4.3	6.2	18.1	11.8
ARIZONA.....	2.9	4.4	2.1	2.8	4.1	3.5	1.3	1.4	2.0	1.2
Phoenix.....	3.1	4.6	2.1	2.9	4.2	3.7	1.2	1.5	2.1	1.2
ARKANSAS.....	3.2	4.2	2.7	3.4	4.8	4.7	1.7	2.3	2.5	1.7
Fort Smith.....	3.5	4.3	3.3	3.6	4.0	4.2	2.0	2.1	1.6	1.6
Little Rock-North Little Rock.....	2.8	4.5	2.3	3.5	3.9	4.6	1.8	2.5	1.3	1.3
Pine Bluff.....	2.6	2.8	2.0	2.6	2.6	5.1	1.5	2.1	.8	2.6
CALIFORNIA ¹	2.9	3.6	2.0	2.5	4.4	4.2	1.1	1.3	2.6	2.2
Anaheim-Santa Ana-Garden Grove ¹	2.5	3.5	1.8	2.7	3.1	3.2	1.1	1.3	1.3	1.1
Los Angeles-Long Beach ¹	3.0	3.8	2.2	2.8	4.1	4.0	1.2	1.4	2.1	1.7
Sacramento ¹ .....	.7	1.9	.3	.7	1.8	3.4	.6	.8	1.0	2.3
San Bernardino-Riverside-Ontario ¹	2.8	3.1	2.0	1.9	3.5	2.9	1.0	1.1	1.9	1.2
San Diego ¹	2.8	2.9	2.2	2.1	3.7	4.0	.7	.7	2.5	2.3
San Francisco-Oakland ¹	3.9	4.0	2.0	2.1	6.2	5.3	.8	.9	4.8	3.8
San Jose ¹	1.6	2.2	1.1	1.5	2.5	3.3	.9	1.0	1.1	1.5
Stockton ¹	3.0	2.9	2.1	1.8	8.0	4.2	.8	1.4	6.5	2.2
COLORADO.....	2.0	3.1	1.0	1.9	4.8	5.1	.9	1.2	3.4	3.3
CONNECTICUT.....	2.0	2.5	1.5	1.9	2.5	2.2	.9	1.0	1.1	.6
Bridgeport.....	1.4	1.9	1.1	1.4	1.9	1.8	.7	.9	.8	.6
Hartford.....	1.9	2.2	1.5	1.8	1.2	1.6	.6	.9	.2	.3
New Britain.....	1.8	2.5	1.5	2.2	5.1	3.0	.8	1.1	3.6	1.2
New Haven.....	2.5	3.2	1.9	2.6	4.6	2.7	1.0	1.1	2.6	.7
Stamford.....	1.6	2.0	1.3	1.8	2.5	1.9	.8	1.1	1.3	.4
Waterbury.....	1.9	2.2	1.0	1.1	2.3	1.9	1.0	1.0	.9	.6
DELAWARE ¹	1.4	3.0	.8	2.4	2.0	2.2	.9	1.2	.4	.4
Wilmington ¹	1.4	2.7	.8	2.0	1.8	2.1	.7	1.0	.4	.4
DISTRICT OF COLUMBIA:										
Washington.....	2.3	2.3	2.1	2.2	2.3	2.4	1.4	1.5	.3	.3
FLORIDA.....	5.1	6.0	3.9	4.0	3.7	4.1	2.0	2.1	1.0	1.3
Jacksonville.....	6.5	3.7	2.4	2.3	4.5	5.2	1.9	1.9	1.9	2.7
Miami.....	4.6	4.3	3.9	3.6	3.8	3.3	1.7	1.9	1.1	.6
Tampa-St. Petersburg.....	4.3	6.8	3.0	2.8	5.3	5.1	1.6	1.6	3.3	2.5
GEORGIA.....	2.5	3.6	1.8	2.8	3.0	3.2	1.5	1.9	.9	.7
Atlanta ²	2.1	2.8	1.6	2.3	2.6	3.0	1.2	1.6	.6	.6
HAWAII ³	3.1	4.4	1.9	1.9	2.8	2.2	1.1	1.1	.7	.4
IDAHO ⁴	2.4	2.4	1.3	2.0	6.8	4.9	1.1	1.5	5.2	3.0
INDIANA ¹	2.1	2.5	1.3	1.8	2.5	2.8	.8	1.0	1.2	1.2
Indianapolis ⁵	1.6	1.9	1.1	1.4	1.8	2.2	.6	.8	.6	.9
IOWA.....	2.6	3.1	1.3	1.8	2.6	2.7	.8	1.1	1.4	1.1
Des Moines.....	2.9	3.1	1.4	1.8	3.0	3.1	1.1	1.4	1.3	1.2
KANSAS.....	2.1	2.5	1.5	1.9	2.7	2.6	.8	.9	1.4	1.2
Topeka.....	2.8	3.1	2.6	.2	2.1	1.7	1.0	.9	.7	.6
Wichita.....	1.7	1.9	1.5	1.5	2.5	1.8	.7	.8	1.4	.6
KENTUCKY.....	5.9	2.5	2.5	1.5	2.6	3.1	1.1	1.0	1.1	1.7
Louisville.....	2.0	2.1	1.4	1.3	2.0	2.6	.6	.8	.9	1.4
LOUISIANA.....	2.5	3.1	1.3	1.6	4.7	4.5	.8	.8	3.4	3.2
New Orleans ⁶	4.5	4.2	1.6	1.8	4.8	4.3	.9	1.0	3.3	2.8

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	
	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964
MAINE.....	3.6	4.5	2.4	2.8	5.7	6.3	1.6	1.9	3.6	3.8
Portland.....	2.8	2.8	1.9	2.2	4.4	3.4	.9	1.6	3.2	1.4
MARYLAND.....	2.6	3.5	1.4	2.1	3.7	3.8	1.0	1.2	2.2	2.1
Baltimore.....	2.5	3.3	1.3	1.8	3.6	3.5	.9	1.1	2.3	2.0
MASSACHUSETTS.....	2.6	3.5	1.6	2.3	3.5	3.3	1.1	1.4	1.7	1.3
Boston.....	2.4	3.2	1.4	2.1	3.2	2.8	1.2	1.3	1.2	.9
Fall River.....	3.1	3.4	1.6	2.3	4.8	3.6	1.0	1.2	2.9	1.8
New Bedford.....	3.1	3.2	1.0	2.1	3.3	3.6	.8	1.4	2.0	1.6
Springfield-Chicopee-Holyoke.....	2.3	3.0	1.5	2.0	3.4	3.5	.9	1.3	1.8	1.6
Worcester.....	2.4	2.9	1.6	2.2	2.3	2.5	1.0	1.2	.7	.8
MICHIGAN.....	2.5	3.7	1.4	2.2	2.5	2.9	.6	.8	.9	.9
Detroit.....	2.3	3.3	1.4	2.2	2.2	2.6	.6	.8	.6	.6
Grand Rapids.....	3.4	5.2	2.1	2.6	3.0	4.2	.8	1.0	.8	1.6
Lansing.....	2.3	6.0	1.5	4.3	2.1	3.2	.4	1.0	.4	.4
Muskegon-Muskegon Heights.....	3.7	3.5	1.2	.6	2.1	3.1	.8	1.1	.7	1.5
Saginaw.....	2.8	3.9	1.2	1.5	1.9	2.6	.3	.5	.2	.5
MINNESOTA.....	2.9	3.1	1.4	1.9	5.1	3.2	1.0	1.1	3.4	1.5
Duluth-Superior.....	2.7	3.4	1.7	2.6	4.9	3.0	1.1	1.4	3.1	1.1
Minneapolis-St. Paul.....	3.0	3.0	1.4	1.7	4.9	3.3	.9	1.0	3.2	1.5
MISSISSIPPI.....	3.1	3.8	2.1	2.8	3.5	3.9	1.5	1.9	1.4	1.5
Jackson.....	2.9	3.1	2.5	2.6	2.9	4.2	1.8	2.3	.6	1.4
MISSOURI.....	2.5	2.8	1.4	1.7	3.3	2.8	1.0	1.1	1.8	1.1
Kansas City.....	2.4	2.4	1.3	1.7	3.0	3.1	.9	1.2	1.4	1.4
St. Louis.....	2.0	2.5	1.2	1.4	2.6	2.6	.8	.9	1.3	1.2
MONTANA ⁴	2.6	2.9	1.8	2.1	3.9	3.9	1.1	1.6	2.0	1.6
NEBRASKA.....	3.0	3.4	2.1	2.4	5.5	5.2	1.2	1.6	3.7	2.9
NEVADA.....	4.3	2.5	3.4	2.1	2.5	5.4	.9	2.1	1.0	1.7
NEW HAMPSHIRE.....	2.7	3.3	2.0	2.4	3.3	3.7	1.4	1.8	1.3	1.3
NEW MEXICO.....	2.5	3.0	2.0	2.2	3.3	3.1	1.6	1.6	1.0	.8
Albuquerque.....	1.8	2.0	1.5	1.4	2.6	2.4	1.1	1.1	1.0	.8
NEW YORK.....	2.6	3.6	1.5	2.2	5.3	4.5	.9	1.1	3.8	2.6
Albany-Schenectady-Troy.....	2.0	2.7	1.2	1.6	2.9	2.4	.6	.7	1.4	.9
Binghamton.....	1.7	1.8	1.2	1.0	1.9	1.8	1.0	1.0	.1	.3
Buffalo.....	2.2	2.4	1.2	1.4	3.0	3.1	.5	.6	2.1	2.1
Elmira.....	1.5	2.1	.9	1.4	3.4	3.5	.8	.9	1.8	2.0
Nassau and Suffolk Counties ⁷	2.0	2.3	1.6	1.7	4.3	3.3	.9	1.1	3.0	1.7
New York SMSA.....	2.9	3.6	1.7	2.4	6.5	4.7	1.0	1.2	4.8	2.7
New York City ⁷	3.2	4.2	1.8	2.8	7.6	5.9	1.0	1.2	5.8	3.7
Rochester.....	1.6	6.5	1.2	1.9	2.5	1.7	.8	.9	1.4	.5
Syracuse.....	1.5	2.1	.7	1.1	3.3	3.3	.9	.9	1.8	1.7
Utica-Rome.....	2.1	2.2	.7	1.1	4.7	3.5	.6	.9	3.8	1.9
Westchester County ⁷	3.1	4.0	1.9	2.6	5.5	3.5	1.2	1.3	3.8	1.8
NORTH CAROLINA.....	2.2	3.0	1.7	2.4	3.2	4.1	1.4	1.7	1.3	1.8
Charlotte.....	1.9	3.0	1.7	2.6	3.4	3.0	1.6	2.1	1.0	.4
Greensboro-High Point.....	2.3	3.3	2.0	2.9	2.2	2.7	1.5	2.0	.3	.2
NORTH DAKOTA.....	2.2	1.8	1.1	1.2	3.6	4.3	.4	.8	2.9	3.1
Fargo-Moorhead.....	1.7	1.5	.7	1.1	5.9	3.2	.6	.7	5.2	2.0

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964
OHIO.....	2.0	2.3	1.1	1.4	2.4	2.5	0.6	0.8	1.3	1.2
Akron.....	1.3	1.4	.9	1.0	1.5	1.2	.4	.5	.7	.3
Canton.....	1.5	3.5	.8	2.0	2.0	2.4	.9	1.1	.5	.7
Cincinnati.....	1.4	1.6	.7	1.1	2.2	2.5	.5	.7	1.3	1.2
Cleveland.....	1.8	2.5	1.3	1.8	2.4	2.5	.8	1.0	1.1	.9
Columbus.....	2.6	3.4	1.5	1.5	2.4	2.2	.6	.8	1.2	1.0
Dayton.....	1.9	2.5	1.4	1.7	2.1	1.8	.7	.9	.8	.3
Toledo.....	2.2	1.9	.6	1.0	3.7	2.4	.4	.5	2.9	1.3
Youngstown-Warren.....	2.0	2.3	1.2	1.4	1.8	1.7	.4	.5	.9	.7
OKLAHOMA ⁸	2.5	3.0	2.1	2.4	2.8	3.1	1.2	1.6	1.2	.9
Oklahoma City.....	2.4	2.6	1.8	1.9	2.9	3.3	1.1	1.6	1.3	1.1
Tulsa ⁸	2.7	3.5	2.6	2.7	2.3	3.6	1.3	1.8	.4	1.2
OREGON ¹	2.9	3.6	2.1	3.0	5.5	5.1	1.5	1.6	3.4	2.8
Portland ¹	2.8	3.6	2.0	2.8	4.1	3.9	1.1	1.2	2.5	2.1
PENNSYLVANIA.....	2.1	2.8	1.2	1.7	3.2	2.7	.7	.9	2.1	1.4
Allentown-Bethlehem-Easton.....	2.0	2.9	1.0	2.0	3.2	2.6	.8	1.0	1.9	1.1
Erie.....	2.3	2.4	1.4	1.7	7.0	3.5	.7	.7	5.6	2.2
Harrisburg.....	1.7	2.3	.9	1.4	3.4	3.4	.7	.8	2.0	2.1
Lancaster.....	1.5	2.2	1.2	1.8	2.3	2.0	.9	1.1	1.1	.6
Philadelphia.....	2.0	3.0	1.2	1.8	2.4	2.7	.7	.8	1.3	1.4
Pittsburgh.....	1.6	2.2	.8	1.0	2.2	1.7	.3	.4	1.4	.9
Reading.....	2.2	3.2	1.5	2.6	3.8	3.6	.9	1.4	2.4	1.7
Scranton.....	2.4	3.1	1.3	1.9	4.2	3.9	.9	1.1	3.0	2.4
Wilkes-Barre-Hazleton.....	3.0	3.7	1.5	1.9	4.2	4.0	.8	1.2	2.9	2.4
York.....	2.8	3.1	2.1	2.5	2.6	2.2	1.3	1.4	.9	.4
RHODE ISLAND.....	3.5	5.4	2.1	3.4	5.0	5.0	1.6	2.1	2.7	2.2
Providence-Pawtucket-Warwick.....	3.3	5.2	2.0	3.3	4.9	4.7	1.6	2.0	2.6	1.9
SOUTH CAROLINA ⁹	2.5	3.2	1.9	2.5	2.9	3.1	1.5	1.9	.8	.5
Charleston.....	3.3	3.5	1.7	2.1	4.2	3.9	1.5	1.8	2.0	1.3
SOUTH DAKOTA.....	3.3	5.2	1.6	2.4	5.6	4.6	1.3	1.1	3.8	3.1
Sioux Falls.....	4.1	5.0	1.1	.9	6.0	5.4	.6	.8	5.1	4.3
TENNESSEE.....	1.9	2.5	1.3	1.8	3.1	2.4	.9	1.0	1.7	.8
Chattanooga ⁶	1.3	1.9	.9	1.4	1.9	2.5	.7	1.0	.7	1.2
Knoxville.....	1.0	1.5	.4	.9	1.2	1.0	.6	.5	.3	.3
Memphis.....	2.1	3.6	1.4	2.8	4.0	3.7	.9	1.3	2.3	1.4
Nashville.....	2.5	2.9	2.1	2.4	2.3	2.4	1.3	1.2	.7	1.1
TEXAS ¹⁰	2.3	3.1	1.7	2.3	2.4	3.1	1.1	1.6	.8	1.0
Dallas ¹⁰	2.4	2.8	1.9	2.5	2.4	2.8	1.2	1.8	.7	.5
Fort Worth ¹⁰	2.3	2.8	1.9	2.3	3.8	4.0	1.9	1.9	1.4	1.6
Houston ¹⁰	2.5	3.2	2.2	2.7	2.4	2.8	1.4	1.8	.4	.5
San Antonio ¹⁰	1.7	2.3	1.5	1.7	3.3	2.8	1.7	1.4	1.3	.9
UTAH ⁴	2.1	2.6	1.2	1.9	4.9	3.2	1.0	1.3	3.3	1.5
Salt Lake City ⁴	1.9	2.5	1.4	1.9	3.5	3.1	1.0	1.4	1.8	1.1
VERMONT.....	2.3	3.1	1.7	2.4	3.0	3.0	1.0	1.2	1.4	1.2
Burlington.....	3.7	4.2	2.6	2.9	2.7	2.4	.9	1.0	1.5	.8
Springfield.....	1.9	1.8	1.6	1.6	1.2	1.2	.7	.5	.2	.2
VIRGINIA.....	2.4	2.9	1.6	2.1	3.4	3.1	1.1	1.4	1.8	1.1
Norfolk-Portsmouth.....	2.2	2.9	1.3	1.4	2.4	3.6	.8	1.2	1.2	1.8
Richmond.....	3.0	2.5	2.2	2.2	2.5	2.5	1.3	1.4	.7	.5
Roanoke.....	2.2	2.4	1.8	2.1	2.5	1.6	1.0	1.0	1.2	.1

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

ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964	Dec. 1964	Nov. 1964
WASHINGTON ¹¹	2.4	2.8	1.5	1.9	4.9	3.8	1.0	1.2	3.4	2.0
Seattle-Everett ¹¹	2.0	2.7	1.2	1.7	3.1	3.0	.8	1.0	1.8	1.6
Spokane ¹¹	3.1	2.5	1.0	1.2	6.3	6.6	.7	.5	5.3	5.3
Tacoma ¹¹	2.8	3.4	1.8	2.2	4.7	3.6	1.2	1.5	3.1	1.7
WEST VIRGINIA.....	1.7	2.0	.9	1.1	2.5	3.2	.5	.6	1.4	2.0
Charleston.....	.8	.5	.5	.3	1.0	1.5	.3	.3	.6	1.0
Huntington-Ashland.....	1.1	1.5	.8	1.0	1.6	1.6	.3	.6	1.1	.7
Wheeling.....	1.8	1.7	.6	.6	4.0	3.9	.3	.4	3.3	2.6
WISCONSIN.....	2.4	3.0	1.5	2.0	2.6	3.3	1.0	1.2	1.1	1.5
Green Bay.....	.7	1.4	.6	1.1	1.1	4.4	.5	.7	.3	3.5
Kenosha.....	1.7	2.2	.7	1.1	2.3	2.7	.5	.7	1.4	1.4
La Crosse.....	5.8	3.7	1.2	1.2	2.7	6.2	.6	.7	1.3	4.9
Madison.....	1.9	3.0	1.0	2.0	2.2	2.6	1.3	1.2	.6	.9
Milwaukee.....	2.3	3.0	1.6	2.1	2.2	2.5	.9	1.1	.7	.7
Racine.....	3.3	3.8	2.7	3.2	2.6	3.0	1.3	1.5	.7	.7
WYOMING ⁴	3.3	3.8	2.7	2.8	6.4	4.2	2.0	1.9	3.4	1.5

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

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

INTRODUCTION

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

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

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

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

Relation between the household and payroll series

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

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

Employment

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

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

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

Hours of Work

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

Comparability of the household interview data with other series

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

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

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

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

Comparability of the payroll employment data with other series

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

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

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

Labor Force Data

COLLECTION AND COVERAGE

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

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

Inmates of institutions and persons under 14 years of age are not covered in the regular monthly enumerations

and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

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

Each month, 35,000 occupied units are designated for interview. About 1,500 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 35,000 occupied units there are 5,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for approximately three-fourths of the sample to be common from one month to the next, and one-half to be common with the same month a year ago.

CONCEPTS

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

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

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

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

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

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

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

their most recent employment. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

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

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

Occupation, Industry, and Class of Worker apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1960 Census of Population. Information on the detailed categories included in these groups is available upon request.

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

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

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

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

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

ESTIMATING METHODS

The estimating procedure is essentially one of using sample results to obtain percentages of the population in a given category. The published estimates are then obtained by multiplying these percentage distributions by independent estimates of the population. The principal steps involved are shown below. Under the estimation methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability for other reasons. This adjustment is made separately by groups of sample areas and, within these, for six groups--color (white and non-white) within the three residence categories (urban, rural nonfarm, and rural farm). The proportion of sample households not interviewed varies from 3 to 5 percent depending on weather, vacations, etc.

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

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

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

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

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

Reliability of the Estimates

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

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

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

Table A. Average standard error of major employment status categories

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

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

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

Table B. Standard error of level of monthly estimates

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

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

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

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

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

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

Table D. Standard error of percentages

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

Establishment Data

COLLECTION

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

Federal-State Cooperation

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

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

Shuttle Schedules

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

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

CONCEPTS

Industrial Classification

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

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

Industry Employment

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

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

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

Industry Hours and Earnings

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

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

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

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

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

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

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

Gross Average Hourly and Weekly Earnings

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

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

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

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

Average Weekly Hours

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

Average Overtime Hours

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

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

Railroad Hours and Earnings

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

Spendable Average Weekly Earnings

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

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

Average Hourly Earnings Excluding Overtime

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

Indexes of Aggregate Weekly Payrolls and Man-Hours

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

Labor Turnover

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

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

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

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

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

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

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

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

Comparability With Employment Series

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

ESTIMATING METHODS

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

The "Link Relative" Technique

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

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

Benchmark Adjustments

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

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

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

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

THE SAMPLE

Design

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

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

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

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

Coverage

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

Approximate size and coverage of BLS employment and payroll sample, March 1963¹

Industry division	Employees	
	Number reported	Percent of total
Mining	287,000	47
Contract construction	582,000	23
Manufacturing	10,753,000	64
Transportation and public utilities:		
Railroad transportation (ICC)	737,000	97
Other transportation and public utilities	1,711,000	55
Wholesale and retail trade	2,265,000	20
Finance, insurance and real estate	1,020,000	36
Service and miscellaneous	1,541,000	19
Government:		
Federal (Civil Service Commission) ²	2,334,000	100
State and local	3,459,000	50

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

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

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

Approximate size and coverage of BLS labor turnover sample, March 1963

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

Reliability of the Employment Estimate

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

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

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

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

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

Differences between the benchmarks and the estimates, as well as the sampling and response errors, result from changes in the industrial classification of individual establishments (resulting from changes in their product), which are not reflected in the levels of estimates until the data are adjusted to new benchmarks. At more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments; however, it becomes of less importance at broader aggregations of industries. Another cause of differences, generally minor, between the estimates and the benchmark arises from improvements in the quality of benchmark data.

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

STATISTICS FOR STATES AND AREAS

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

Users of State and area employment, hours, and earnings statistics may be interested in *Employment and Earnings Statistics for States and Areas, 1939-63*, BLS Bulletin 1370-1. For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented from the earliest date of availability of each series through 1963.

Seasonal Adjustment

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

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

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

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

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

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

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 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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Employment and Labor Turnover Statistics Programs

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ALASKA - Employment Security Division, Department of Labor, Juneau 99801
ARIZONA - Unemployment Compensation Division, Employment Security Commission, Phoenix 85005
ARKANSAS - Employment Security Division, Department of Labor, Little Rock 72203
CALIFORNIA - Division of Labor Statistics and Research, Department of Industrial Relations, San Francisco 94101 (Employment). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
COLORADO - U. S. Bureau of Labor Statistics, Denver 80202 (Employment). Department of Employment, Denver 80203 (Turnover).
CONNECTICUT - Employment Security Division, Department of Labor, Wethersfield 06109
DELAWARE - Employment Security Commission, Wilmington 19801
DISTRICT OF COLUMBIA - U. S. Employment Service for D. C., Washington 20212
FLORIDA - Industrial Commission, Tallahassee 32304
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HAWAII - Department of Labor and Industrial Relations, Honolulu 96813
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KENTUCKY - Bureau of Employment Security, Department of Economic Security, Frankfort 40601
LOUISIANA - Division of Employment Security, Department of Labor, Baton Rouge 70804
MAINE - Employment Security Commission, Augusta 04330
MARYLAND - Department of Employment Security, Baltimore 21201
MASSACHUSETTS - Division of Statistics, Department of Labor and Industries, Boston 02108 (Employment). Research and Statistics, Division of Employment Security, Boston 02215 (Turnover).
MICHIGAN - Employment Security Commission, Detroit 48202
MINNESOTA - Department of Employment Security, St. Paul 55101
MISSISSIPPI - Employment Security Commission, Jackson 39205
MISSOURI - Division of Employment Security, Jefferson City 65102
MONTANA - Unemployment Compensation Commission, Helena 59601
NEBRASKA - Division of Employment, Department of Labor, Lincoln 68501
NEVADA - Employment Security Department, Carson City 89701
NEW HAMPSHIRE - Department of Employment Security, Concord 03301
NEW JERSEY - Department of Labor and Industry: Bureau of Statistics and Records (Employment); Division of Employment Security (Turnover), Trenton 08625
NEW MEXICO - Employment Security Commission, Albuquerque 87103
NEW YORK - Research and Statistics Office, Division of Employment, State Department of Labor, 370 Seventh Avenue, New York 10001
NORTH CAROLINA - Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
NORTH DAKOTA - Unemployment Compensation Division, Workmen's Compensation Bureau, Bismarck 58502
OHIO - Division of Research and Statistics, Bureau of Unemployment Compensation, Columbus 43215
OKLAHOMA - Employment Security Commission, Oklahoma City 73105
OREGON - Department of Employment, Salem 97310
PENNSYLVANIA - Bureau of Employment Security, Department of Labor and Industry, Harrisburg 17121
RHODE ISLAND - Division of Statistics and Census, Department of Labor, Providence 02903 (Employment). Department of Employment Security, Providence 02903 (Turnover).
SOUTH CAROLINA - Employment Security Commission, Columbia 29202
SOUTH DAKOTA - Employment Security Department, Aberdeen 57401
TENNESSEE - Department of Employment Security, Nashville 37203
TEXAS - Employment Commission, Austin 78701
UTAH - Department of Employment Security, Industrial Commission, Salt Lake City 84110
VERMONT - Department of Employment Security, Montpelier 05602
VIRGINIA - Division of Research and Statistics, Department of Labor and Industry, Richmond 23214 (Employment). Employment Commission, Richmond 23211 (Turnover).
WASHINGTON - Employment Security Department, Olympia 98501
WEST VIRGINIA - Department of Employment Security, Charleston 25305
WISCONSIN - Unemployment Compensation Department, Industrial Commission, Madison 53701
WYOMING - Employment Security Commission, Casper 82602