



EMPLOYMENT and EARNINGS

Including THE MONTHLY REPORT
ON THE LABOR FORCE

Vol. 6 No. 4

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Data formerly published by the Bureau of the Census in The Monthly Report on the Labor Force (Series P-57) are shown in Section A.

DIVISION OF MANPOWER AND EMPLOYMENT STATISTICS

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National Releases - In addition to Employment and Earnings, the Bureau of Labor Statistics issues three related preliminary releases each month. One, The Monthly Report on the Labor Force, is on employment, unemployment, hours, and earnings; the second on labor turnover rates; the third on spendable earnings. The releases, which are available free upon request, include an analysis of current trends for broad groupings.

State and Area Releases - Employment, hours, earnings, and turnover data for States and areas are published in greater industrial detail by the compiling agencies than can be included in Employment and Earnings. The individual State releases may be obtained from the State offices listed on the inside back cover.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C. Subscription price: \$3.50 a year; \$1.50 additional for foreign mailing. Price 45 cents a copy.

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EMPLOYMENT and EARNINGS

Including THE MONTHLY REPORT
ON THE LABOR FORCE

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NEW AREA SERIES...

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

EMPLOYMENT AND UNEMPLOYMENT

HIGHLIGHTS

September 1959

August-to-September changes in the job situation were mainly seasonal despite the effects of the steel strike. Total unemployment declined by 200,000 over the month to 3.2 million and total employment fell by 900,000 to 66.3 million as large numbers of students left the labor force to return to school. Insured unemployment under State programs, which does not include students or other new jobseekers, also declined seasonally, by 50,000 to 1,250,000.

In addition to the one-half million steel workers on strike, some 160,000 workers had been laid off by mid-September in related industries, most of them shortly after the start of the strike. At that time most steel-using industries were still working off supplies built up before the strike, but by early October the effects of steel shortages were spreading.

The layoff of workers in related industries was a major factor in the rise in the seasonally adjusted unemployment rate from 5 percent of the civilian labor force before the strike began in July to 5.6 percent in September. This increase in the rate does not reflect the number of striking steel workers, who are not counted as unemployed unless they are seeking other jobs.

Total nonagricultural employment, including the self-employed, unpaid family workers, and domestics, dropped seasonally by 800,000 over the month to 60.1 million in September. All of this decline occurred among young persons 14 - 24 years of age. At the same time, the number of workers on nonfarm payrolls rose by 400,000 over the month to 52.5 million in September. These divergent movements, which always occur between August and September, result mainly from different methods of counting employees on vacation. Because employer payrolls exclude persons who are not paid for their vacations, the payroll series shows a rise with the return of workers to their jobs at the end of the summer. However, the figures derived from the household survey count workers on vacation as employed, whether paid or not, and are not similarly affected by the return of vacationing workers.

Factory Payroll Employment and Earnings

Despite the continuation of the steel strike in September, employment in manufacturing rose seasonally, increasing by 150,000 over the month to 16.3 million.

The largest increase--about 70,000--occurred in the transportation equipment industry as the changeover ended and production started on 1960 model cars. The start on new model cars was also responsible for employment gains in the fabricated metals industry (particularly in metal stampings and auto hardware) and in the electrical machinery industry. The unusually large job increase in electrical machinery--more than 35,000--also reflected a pickup in plants producing radios and TV sets and heavy electrical apparatus. Better than seasonal job increases were also reported in the machinery industry, mostly in producer-goods plants.

In contrast to these gains, there were further job declines in the primary metals industries, which were mainly due to strikes at copper refineries. Reduced employment in the food processing industry reflected strikes at meatpacking plants. Other changes in factory employment were primarily seasonal.

The workweek in manufacturing remained virtually unchanged at 40.4 hours. There is usually a small increase between August and September but the occurrence of the Labor Day holiday in this year's survey week kept the average down. There were large seasonal gains, however, in the workweek in transportation equipment and petroleum. Weekly earnings rose by about 60 cents to \$89.28 because of a 2-cent increase in hourly earnings, which in turn were boosted by holiday work at premium pay.

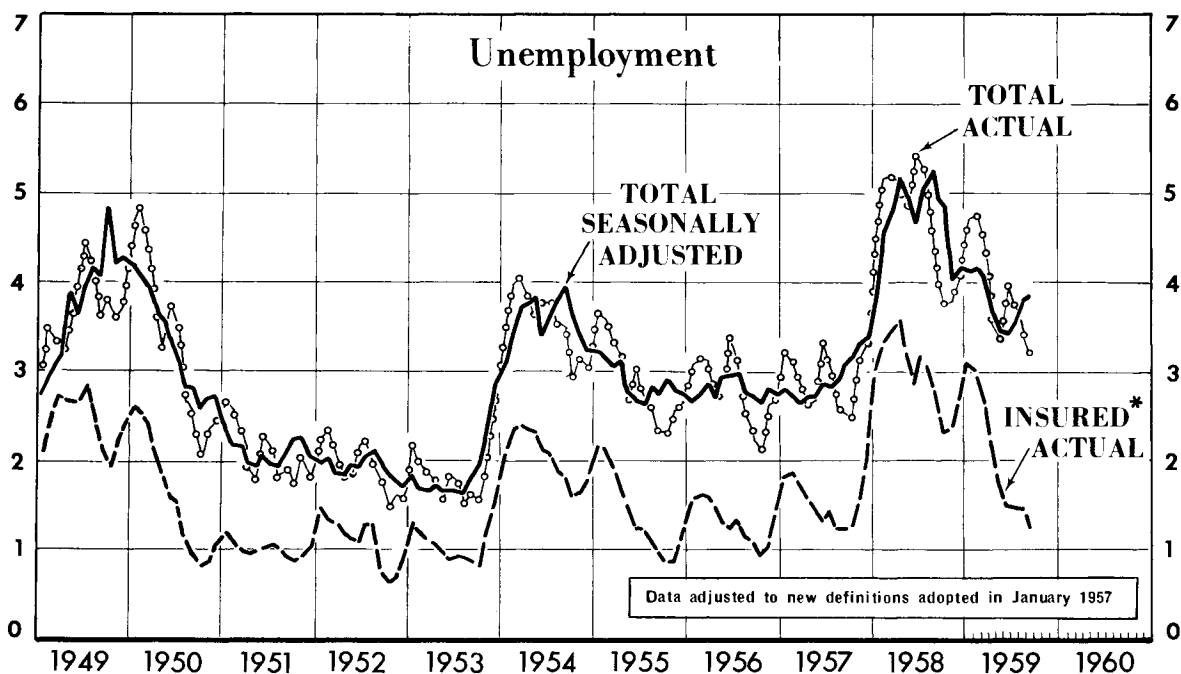
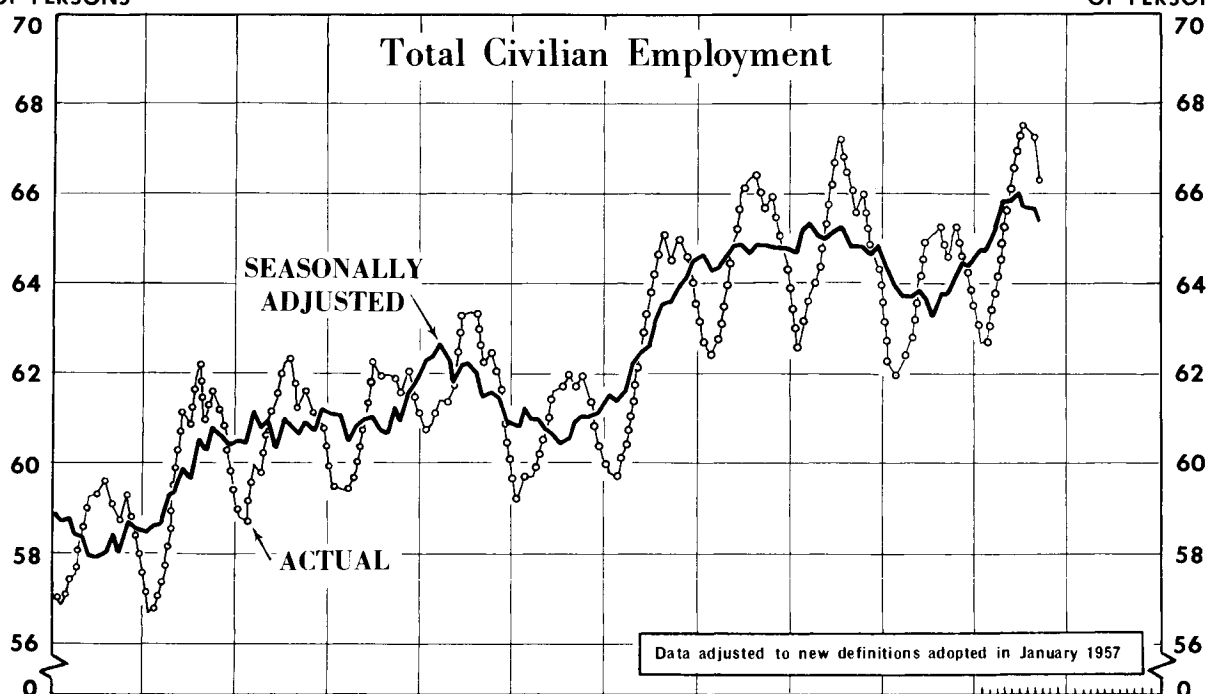
TRENDS IN EMPLOYMENT AND UNEMPLOYMENT

Actual and Seasonally Adjusted

January 1949 to Date

MILLIONS
OF PERSONS

MILLIONS
OF PERSONS



* Insured under following programs: State unemployment insurance, unemployment compensation for Federal employees, veterans, ex-servicemen, railroad workers (RRB), and temporary programs (through June 1959)

Nonmanufacturing Employment

Employment in the construction industry dropped by about 75,000 over the month, somewhat more than the usual amount. According to employer reports, there was little indication that shortages of steel were connected with this decline.

Employment in the mining and railroad industries each declined about 25,000. The drop in mining was due partly to the copper strike and, to a lesser extent, to the continuing lack of demand for coal from the steel industry. The steel strike was also apparently a factor in the employment decrease in the railroad industry. On the other hand, there was a substantial rise in trucking employment.

Large employment increases in trade (130,000) and government (300,000--mainly in school systems) were about in line with the usual seasonal pattern.

Developments in the Labor Force

The total labor force (including the Armed Forces) dropped by 1 million to 72.1 million in September as many young workers returned to school. At the same time, many adult women--mainly teachers--returned to the labor force.

Despite the withdrawal of large numbers of young summer workers, there were 500,000 more 18 to 24 year olds in the labor force in September than last spring. This group includes high school and college graduates starting on their work career.

The total labor force was 750,000 larger than in September 1958, close to the annual growth estimated from past trends. There has been some evidence in recent months that the long-term rate of growth of the labor force has resumed after a period of smaller increases since 1957.

The growth in the male labor force from the ages of 25 to 64 has been very little affected by recent economic fluctuations. Men in this age group are usually the chief family breadwinners and represent the bulk of the year-round labor force. Their labor force participation rates through both recession and recovery have averaged over 95 percent and even higher for some ages. Because of this, the year-to-year growth in their number in the labor force (about 200,000 in recent years) is about equal to their increase in population.

Total Employment and Hours of Work

Total civilian employment fell seasonally by 900,000 over the month to 66.3 million. This total, which includes workers on strike unless they were seeking other jobs, was 1.7 million above the level of a year ago and 600,000 above the previous September record in 1956.

Virtually all of the increase over the year took place in nonfarm employment. Agricultural employment--at 6.2 million in September--was the same as a year earlier but 300,000 below September 2 years ago, with nearly all of the decline among self-employed farmers.

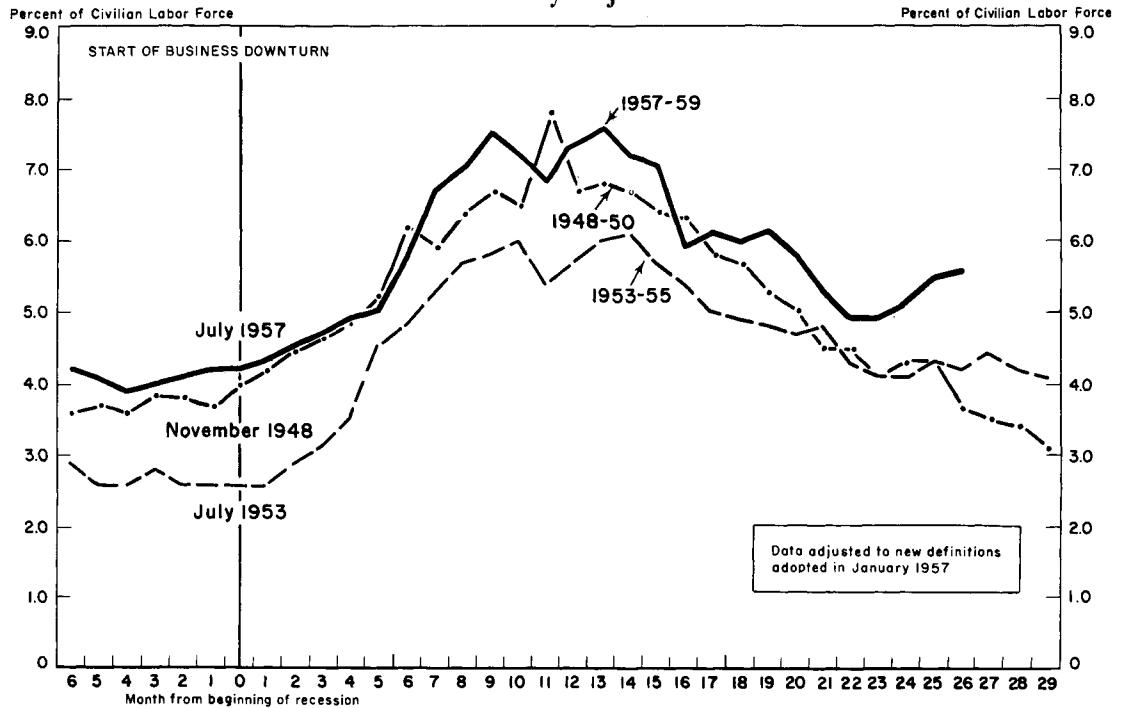
Labor Day fell in the survey week and caused a sharp reduction in the number reporting a full-time workweek. Some 16 million nonfarm workers who usually work full time reported less than 35 hours of work for this reason. As a result, the average workweek for all nonfarm workers declined to 37.5 hours from 41.2 the month before.

The number of full-time workers whose hours had been cut below 35 because of economic reasons stood at 900,000, not significantly changed over the month but down 400,000 from a year earlier. They averaged about 22 hours of work in September 1959.

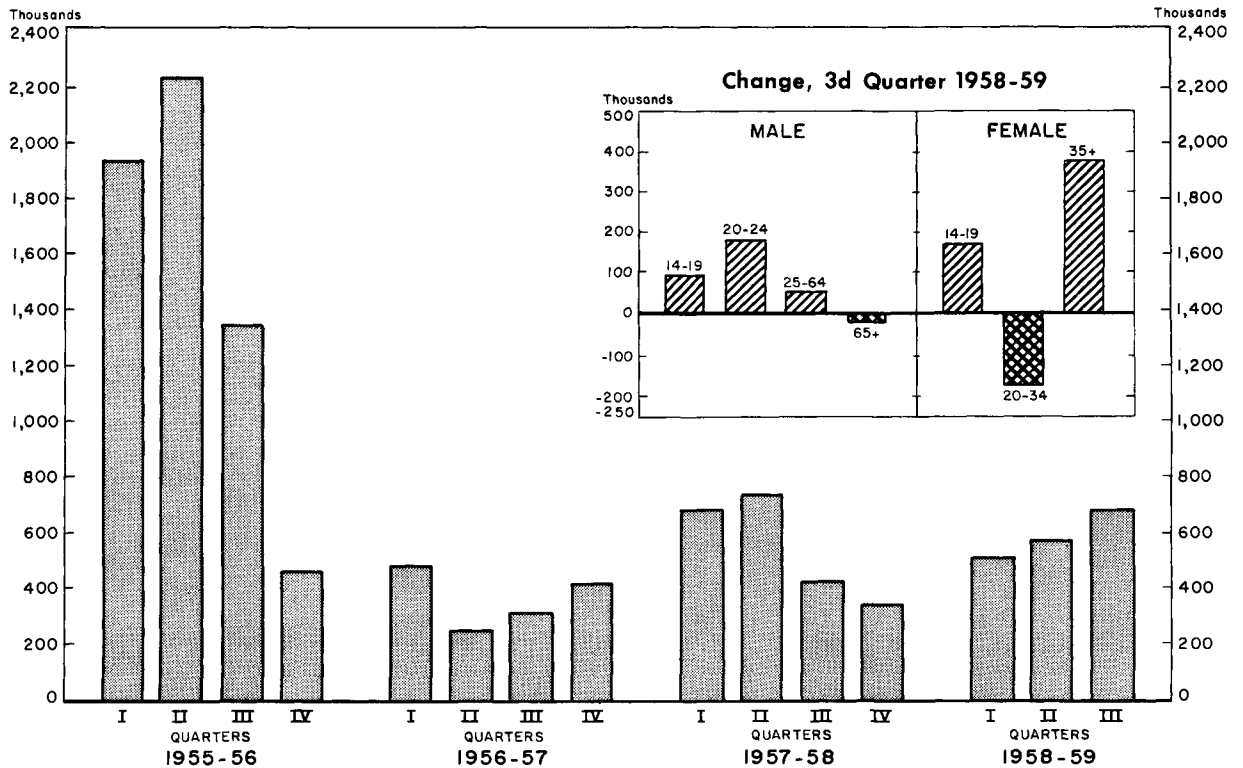
Workers regularly employed part time because they could not find full-time jobs numbered 1.1 million in September as compared with 1.5 million in August. All of the drop occurred among young summer workers, most of whom had been working in retail trade or private households in August. By September, these youngsters were either out of the labor force entirely or no longer available for full-time work.

Employed persons who were absent from their jobs the entire survey week for any reason totaled 3.6 million in September, including 3.1 million wage and salary employees. Of the latter group, some 1.7 million were paid by their employers for the time off--the vast majority on paid

UNEMPLOYMENT RATE IN THREE BUSINESS CYCLES Seasonally Adjusted



ANNUAL GROWTH IN THE LABOR FORCE, BY QUARTERS 1955-59 With Age-Sex Composition of Change Between 3d Quarters of 1958-59



vacation. The 1.4 million on unpaid leave were about equally distributed among those on strike, on unpaid vacation, or on unpaid sick leave.

Unemployment

Unemployment fell by 200,000 between August and September to 3.2 million. This was about an average decline for this time of year, resulting mainly from the withdrawal of teenage jobseekers from the labor force. The seasonally adjusted rates of unemployment remained virtually unchanged over the month at 5.6 percent. This rate has edged upward in recent months, however, after leveling off at about 5 percent last spring. A sizable part of the recent increase in the unemployment rate was probably a result of the steel strike, apparently reflecting both layoffs in steel-related industries and a slowdown in hiring due to some uncertainties about the short-run economic outlook.

Because the indirect effects of the strike have mainly affected heavy industries, the rise in unemployment (seasonally adjusted) has occurred entirely among men. Their rate of unemployment rose from 4.6 percent in June to 5.7 percent in September, whereas the rate for women remained practically unchanged at 5-1/2 percent over this same period. Unemployment rates in all age-sex groups were lower than a year ago, but nearly all were higher than 2 years ago even though unemployment had already started to climb by September 1957.

Duration of Unemployment

The number of long-term unemployed (persons out of work 15 weeks or longer) was virtually unchanged over the month at 700,000. Those unemployed for more than 26 weeks dropped by 100,000 to 400,000, whereas there was a slight increase in the number unemployed from 15 to 26 weeks. The number of very long-term unemployed (over 26 weeks) was at its lowest level in 18 months, but still twice as high as in September 1957. As usual, a disproportionately high ratio of those unemployed over 26 weeks were nonwhite workers--1 out of 4 as compared with 1 out of 10 in the labor force as a whole.

Aside from seasonal changes, the extent of new unemployment developing each month has been about the same for the past year. On the average, about 1.6 million or nearly half the unemployed had been jobless for less than 5 weeks. The number unemployed between 5 and 14 weeks (roughly 1 to 3 months), on the other hand, has risen for 3 consecutive months on a seasonally adjusted basis. The jobless in this group, at 900,000 in September, were nearly 200,000 more numerous than in June, although there is usually a substantial decline during these months. Some of the workers who lost their jobs in June or July, including workers who had been laid off as a result of the steel strike, continued to have difficulty in finding jobs in September.

Insured Unemployment

Insured unemployment under State programs, which does not include students and new jobseekers, declined seasonally by 50,000 between mid-August and mid-September to 1,250,000. The decline in State insured unemployment reflected, in addition to seasonal factors, recalls in auto plants for work on 1960 models. At the same time, there were some further layoffs due to the secondary effects of the steel strike and the number of insured workers idle for this reason totaled about 107,000, including over 43,000 insured under the Railroad program. Included were coal and iron ore miners and construction workers connected with steel plants.

The national rate of insured unemployment (not adjusted for seasonality) edged down from 3.4 percent in August to 3.3 percent in September. A year ago it was 4.8 percent, and 2 years ago, 2.9 percent. The two States which had the highest rates in September--West Virginia (7.8 percent) and Pennsylvania (5.6 percent)--also experienced the greatest effects of the steel strike. However, the rates in these States were among the highest prior to the steel strike. Michigan's rate dropped from 5.9 to 3.8 percent as workers were recalled in auto plants. The only other large industrial States with rates above the national average of 3.3 percent in September were New Jersey (4.0 percent) and New York (4.1 percent).

An estimated 110,000 claimants exhausted their State benefit rights in September, slightly above the number in August but less than half the 225,000 in September 1958.

Thirty States showed a decline in insured unemployment between August and September. Except for a drop of 35,000 in Michigan and an increase of 16,000 in New York, the changes in the

individual States were less than 10,000. The decline in Michigan, as well as reductions of 8,000 in Indiana and 5,000 in Wisconsin, primarily reflected recalls in auto plants following model change layoffs.

A large part of the 16,000 rise in New York was due to claims from workers directly involved in the steel strike who became eligible for benefits after serving a disqualification period of 8 weeks, including waiting week. (In only one other State--Rhode Island--are strikers eligible for benefits.) Most of the strikers filing claims were from steel mills in the Buffalo area, where insured unemployment rose about 15,000. The State insured total also included a sizable number of workers who had lost their jobs because of the indirect effects of the dispute.

NOTE: For data on insured unemployment, see Unemployment Insurance Claims published weekly by the Bureau of Employment Security.

Table A-1: Employment status of the noninstitutional population

1929 to date

(Thousands of persons 14 years of age and over)

Year and month	Total noninstitutional population ¹	Total labor force including Armed Forces ¹		Civilian labor force						Not in labor force	
		Number	Percent of noninstitutional population	Total	Employed ²		Unemployed ²		Percent of labor force		
					Total	Agri-culture	Nonagri-cultural industries	Number	Not seasonally adjusted		Seasonally adjusted
1929.....	(3)	49,440	(3)	49,180	47,630	10,450	37,180	1,550	3.2	-	(3)
1930.....	(3)	50,080	(3)	49,820	45,480	10,340	35,140	4,340	8.7	-	(3)
1931.....	(3)	50,680	(3)	50,420	42,400	10,290	32,110	8,020	15.9	-	(3)
1932.....	(3)	51,250	(3)	51,000	38,940	10,170	28,770	12,060	23.6	-	(3)
1933.....	(3)	51,840	(3)	51,590	38,760	10,090	28,670	12,830	24.9	-	(3)
1934.....	(3)	52,490	(3)	52,230	40,890	9,900	30,990	11,340	21.7	-	(3)
1935.....	(3)	53,140	(3)	52,870	42,260	10,110	32,150	10,610	20.1	-	(3)
1936.....	(3)	53,740	(3)	53,440	44,410	10,000	34,410	9,030	16.9	-	(3)
1937.....	(3)	54,320	(3)	54,000	46,300	9,820	36,480	7,700	14.3	-	(3)
1938.....	(3)	54,950	(3)	54,610	44,220	9,690	34,530	10,390	19.0	-	(3)
1939.....	(3)	55,600	(3)	55,230	45,750	9,610	36,140	9,480	17.2	-	(3)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,520	65,290	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 ⁴	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
1958: September....	122,219	71,375	58.4	68,740	64,629	6,191	58,438	4,111	6.0	7.2	50,884
October.....	122,361	71,743	58.6	69,111	65,306	6,404	58,902	3,805	5.5	7.1	50,618
November.....	122,486	71,112	58.1	68,485	64,653	5,695	58,958	3,833	5.6	5.9	51,374
December.....	122,609	70,701	57.7	68,081	63,973	4,871	59,102	4,108	6.0	6.1	51,909
1959: January.....	122,724	70,027	57.1	67,430	62,706	4,693	58,013	4,724	7.0	6.0	52,697
February.....	122,832	70,062	57.0	67,471	62,722	4,692	58,030	4,749	7.0	6.1	52,770
March.....	122,945	70,768	57.6	68,189	63,828	5,203	58,625	4,362	6.4	5.8	52,177
April.....	123,059	71,210	57.9	68,639	65,012	5,848	59,163	3,627	5.3	5.3	51,849
May.....	123,180	71,955	58.4	69,405	66,016	6,408	59,608	3,389	4.9	4.9	51,225
June.....	123,296	73,862	59.9	71,324	67,342	7,231	60,111	3,982	5.6	4.9	49,435
July.....	123,422	73,875	59.9	71,338	67,594	6,825	60,769	3,744	5.2	5.1	49,547
August.....	123,549	73,204	59.3	70,667	67,241	6,357	60,884	3,426	4.8	5.5	50,345
September.....	123,659	72,109	58.3	69,577	66,347	6,242	60,105	3,230	4.6	5.6	51,550

¹Data for 1940-52 revised to include about 150,000 members of the Armed Forces who were outside the continental United States in 1940 and who were, therefore, not enumerated in the 1940 Census and were excluded from the 1940-52 estimates.

²Data for 1947-58 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 1948-58.

³Not available.

⁴Beginning with 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 800,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for total and males. Other categories were relatively unaffected.

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

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

(Thousands of persons 14 years of age and over)											
Sex, year, and month	Total noninsti- tutional popula- tion ¹	Total labor force in- cluding Armed Forces ¹		Civilian labor force							Not in labor force
		Number	Percent of noninsti- tutional popula- tion	Total	Employed ²			Unemployed ²	Percent of labor force		
					Total	Agri- culture	Nonagri- cultural indus- tries		Number	Not season- ally adjusted	
MALE											
1940.....	50,080	42,020	83.9	41,480	35,550	8,450	27,100	5,930	14.3	-	8,060
1944.....	51,980	46,670	89.8	35,460	35,110	7,020	28,090	350	1.0	-	5,310
1947.....	53,085	44,844	84.5	43,272	41,677	6,953	34,725	1,595	3.7	-	8,242
1948.....	53,513	45,300	84.7	43,858	42,268	6,623	35,645	1,590	3.6	-	8,213
1949.....	54,028	45,674	84.5	44,075	41,473	6,629	34,844	2,602	5.9	-	8,354
1950.....	54,526	46,069	84.5	44,442	42,162	6,271	35,891	2,280	5.1	-	8,457
1951.....	54,996	46,674	84.9	43,612	42,362	5,791	36,571	1,250	2.9	-	8,322
1952.....	55,503	47,001	84.7	43,454	42,237	5,623	36,614	1,217	2.8	-	8,502
1953 ³	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
1958: September....	59,596	48,759	81.8	46,155	43,539	4,916	38,623	2,615	5.7	7.4	10,838
October.....	59,663	48,756	81.7	46,155	43,701	5,008	38,693	2,454	5.3	7.2	10,907
November.....	59,718	48,418	81.1	45,822	43,318	4,704	38,614	2,504	5.5	6.0	11,300
December.....	59,773	48,190	80.6	45,601	42,699	4,235	38,464	2,902	6.4	6.1	11,582
1959: January.....	59,822	47,981	80.2	45,417	42,135	4,154	37,981	3,282	7.2	5.9	11,841
February.....	59,868	48,073	80.3	45,514	42,156	4,165	37,991	3,359	7.4	5.9	11,795
March.....	59,918	48,360	80.7	45,813	42,842	4,505	38,338	2,971	6.5	5.5	11,558
April.....	59,967	48,653	81.1	46,114	43,798	4,900	38,898	2,317	5.0	4.8	11,314
May.....	60,021	48,945	81.5	46,427	44,342	5,051	39,291	2,085	4.5	4.7	11,076
June.....	60,072	50,385	83.9	47,879	45,476	5,535	39,942	2,403	5.0	4.6	9,687
July.....	60,128	50,684	84.3	48,179	45,863	5,369	40,493	2,315	4.8	5.0	9,444
August.....	60,186	50,230	83.5	47,725	45,587	5,050	40,537	2,138	4.5	5.4	9,956
September.....	60,222	49,110	81.5	46,610	44,588	4,824	39,764	2,022	4.3	5.7	11,113
FEMALE											
1940.....	50,300	14,160	28.2	14,160	11,970	1,090	10,880	2,190	15.5	-	36,140
1944.....	52,650	19,370	36.8	19,170	18,850	1,930	16,920	320	1.7	-	33,280
1947.....	54,523	16,915	31.0	16,896	16,349	1,314	15,036	547	3.2	-	37,608
1948.....	55,118	17,599	31.9	17,853	16,848	1,338	15,510	735	4.1	-	37,520
1949.....	55,745	18,048	32.4	18,030	16,947	1,386	15,561	1,083	6.0	-	37,697
1950.....	56,404	18,680	33.1	18,657	17,584	1,226	16,358	1,073	5.8	-	37,724
1951.....	57,078	19,309	33.8	19,272	18,421	1,257	17,164	851	4.4	-	37,770
1952.....	57,766	19,558	33.9	19,513	18,798	1,170	17,628	715	3.7	-	38,208
1953 ³	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
1958: September....	62,623	22,617	36.1	22,586	21,090	1,275	19,815	1,496	6.6	7.1	40,006
October.....	62,698	22,987	36.7	22,956	21,605	1,396	20,209	1,351	5.9	7.0	39,711
November.....	62,769	22,695	36.2	22,663	21,334	991	20,343	1,329	5.9	5.7	40,074
December.....	62,836	22,510	35.8	22,479	21,273	635	20,638	1,206	5.4	6.1	40,326
1959: January.....	62,902	22,046	35.0	22,013	20,571	539	20,032	1,442	6.6	6.1	40,856
February.....	62,964	21,989	34.9	21,957	20,566	527	20,039	1,391	6.3	6.3	40,975
March.....	63,027	22,408	35.6	22,376	20,985	698	20,287	1,391	6.2	6.3	40,619
April.....	63,092	22,557	35.8	22,525	21,214	949	20,265	1,310	5.8	6.3	40,535
May.....	63,159	23,010	36.4	22,978	21,674	1,358	20,317	1,304	5.7	5.5	40,149
June.....	63,224	23,477	37.1	23,445	21,866	1,696	20,170	1,579	6.7	5.6	39,748
July.....	63,294	23,191	36.6	23,159	21,731	1,455	20,276	1,429	6.2	5.4	40,102
August.....	63,363	22,974	36.3	22,942	21,654	1,307	20,347	1,288	5.6	5.7	40,389
September.....	63,437	22,999	36.3	22,967	21,759	1,418	20,341	1,209	5.3	5.6	40,437

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

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

September 1959

(Thousands of persons 14 years of age and over)

Age and sex	Total labor force including Armed Forces		Civilian labor force						Not in labor force				
	Number	Percent of noninstitutional population	Number	Percent of noninstitutional population	Employed		Unemployed		Total	Keeping house	In school	Unable to work	Other
					Agriculture	Nonagricultural industries	Number	Percent of labor force					
Total.....	72,109	58.3	69,577	57.4	6,242	60,105	3,230	4.6	51,550	34,522	7,737	1,755	7,536
Male.....	49,110	81.5	46,610	80.7	4,824	39,764	2,022	4.3	11,113	74	3,816	1,053	6,170
14 to 17 years.....	1,785	32.2	1,736	31.5	476	1,090	172	9.9	3,767	7	3,166	21	573
14 and 15 years.....	620	22.3	620	22.3	223	374	24	3.8	2,155	1	1,853	9	292
16 and 17 years.....	1,165	42.0	1,116	40.9	253	716	148	13.2	1,612	6	1,313	12	281
18 to 24 years.....	6,861	86.4	5,439	83.5	533	4,439	467	8.6	1,077	5	586	25	459
18 and 19 years.....	1,796	75.4	1,408	70.6	180	1,040	188	13.4	585	-	358	9	217
20 to 24 years.....	5,065	91.1	4,031	89.1	353	3,399	279	6.9	492	5	228	16	242
25 to 34 years.....	10,971	97.7	10,336	97.6	682	9,245	409	4.0	256	-	50	48	158
25 to 29 years.....	5,242	96.9	4,843	96.6	339	4,276	228	4.7	170	-	46	27	97
30 to 34 years.....	5,729	98.5	5,493	98.5	343	4,969	181	3.3	86	-	4	21	61
35 to 44 years.....	11,244	97.8	10,906	97.7	834	9,728	344	3.2	257	4	7	98	148
35 to 39 years.....	5,856	97.9	5,631	97.8	397	5,071	163	2.9	124	2	6	47	69
40 to 44 years.....	5,388	97.6	5,275	97.5	437	4,657	181	3.4	133	2	1	51	79
45 to 54 years.....	9,515	96.0	9,463	96.0	914	8,215	334	3.5	397	4	6	146	243
45 to 49 years.....	5,110	96.9	5,071	96.9	482	4,395	194	3.8	164	4	6	60	95
50 to 54 years.....	4,405	95.0	4,392	95.0	432	3,820	140	3.2	233	-	-	86	148
55 to 64 years.....	6,387	87.7	6,383	87.7	794	5,384	206	3.2	894	8	-	224	662
55 to 59 years.....	3,595	91.4	3,592	91.4	402	3,087	103	2.9	337	3	-	98	236
60 to 64 years.....	2,792	83.3	2,791	83.3	392	2,297	103	3.7	557	5	-	126	426
65 years and over.....	2,346	34.4	2,346	34.4	592	1,665	89	3.8	4,465	48	-	490	3,927
65 to 69 years.....	1,279	48.2	1,279	48.2	292	936	51	4.0	1,375	4	-	124	1,247
70 years and over.....	1,067	25.7	1,067	25.7	300	729	38	3.6	3,090	44	-	366	2,680
Female.....	22,999	36.3	22,967	36.2	1,418	20,341	1,209	5.3	40,437	34,448	3,922	702	1,366
14 to 17 years.....	1,078	20.0	1,078	20.0	157	823	99	9.2	4,305	319	3,408	13	564
14 and 15 years.....	349	13.0	349	13.0	80	258	12	3.4	2,334	65	1,966	5	298
16 and 17 years.....	729	27.0	729	27.0	77	565	87	11.9	1,971	254	1,442	8	266
18 to 24 years.....	3,674	46.8	3,657	46.7	135	3,198	324	8.9	4,180	3,367	478	26	308
18 and 19 years.....	1,172	50.2	1,166	50.1	56	971	139	11.9	1,162	604	342	9	206
20 to 24 years.....	2,502	45.3	2,491	45.2	79	2,227	185	7.4	3,018	2,763	136	17	102
25 to 34 years.....	4,102	35.5	4,094	35.5	247	3,618	229	5.6	7,445	7,373	18	14	41
25 to 29 years.....	1,919	34.9	1,914	34.9	111	1,691	112	5.9	3,573	3,538	9	5	22
30 to 34 years.....	2,183	36.1	2,180	36.0	136	1,927	117	5.4	3,872	3,835	9	9	19
35 to 44 years.....	5,255	43.5	5,250	43.5	288	4,729	232	4.4	6,830	6,735	11	34	49
35 to 39 years.....	2,580	41.1	2,577	41.1	145	2,316	115	4.5	3,697	3,654	1	18	23
40 to 44 years.....	2,675	46.1	2,673	46.0	143	2,413	117	4.4	3,133	3,081	10	16	26
45 to 54 years.....	5,097	48.9	5,095	48.9	302	4,621	172	3.4	5,321	5,216	3	41	60
45 to 49 years.....	2,766	49.8	2,765	49.8	152	2,510	102	3.7	2,789	2,739	3	19	27
50 to 54 years.....	2,331	47.9	2,330	47.9	150	2,111	70	3.0	2,532	2,477	-	22	33
55 to 64 years.....	2,919	36.9	2,919	36.9	201	2,593	125	4.3	4,987	4,875	4	66	42
55 to 59 years.....	1,759	41.8	1,759	41.8	114	1,562	83	4.7	2,448	2,395	4	25	24
60 to 64 years.....	1,160	31.4	1,160	31.4	87	1,031	42	3.7	2,539	2,480	-	41	18
65 years and over.....	875	10.6	875	10.6	89	759	27	3.1	7,370	6,562	-	506	301
65 to 69 years.....	514	17.0	514	17.0	56	439	19	3.7	2,505	2,360	-	64	80
70 years and over.....	361	6.9	361	6.9	33	320	8	2.1	4,865	4,202	-	442	221

NOTE: Total noninstitutional population may be obtained by summing total labor force and not in labor force; civilian noninstitutional population by summing civilian labor force and not in labor force.

Table A-4: Employment status of male veterans of World War II in the civilian noninstitutional population

(In thousands)

Employment status	September 1959	August 1959	September 1958
Total.....	14,454	14,458	14,502
Civilian labor force.....	14,106	14,073	14,197
Employed.....	13,660	13,631	13,594
Agriculture.....	609	602	690
Nonagricultural industries.....	13,051	13,029	12,904
Unemployed.....	446	442	602
Not in labor force.....	348	384	304

Table A-5: Employment status of the civilian noninstitutional population, by marital status and sex

(Percent distribution of persons 14 years of age and over)

Sex and employment status	September 1959				August 1959				September 1958			
	Married, spouse present	Married, spouse absent	Widowed or divorced	Single	Married, spouse present	Married, spouse absent	Widowed or divorced	Single	Married, spouse present	Married, spouse absent	Widowed or divorced	Single
MALE												
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Labor force.....	89.8	86.9	52.6	59.3	89.8	87.3	52.1	68.0	90.1	85.1	53.7	59.6
Not in labor force.....	10.2	13.1	47.4	40.7	10.2	12.7	47.9	32.0	9.9	14.9	46.3	40.4
Labor force.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Employed.....	97.1	93.2	92.4	90.2	97.1	92.4	94.1	90.1	95.9	88.7	91.7	88.6
Agriculture.....	8.9	20.3	11.7	15.3	8.8	19.7	11.8	16.3	9.0	14.9	11.5	17.4
Nonagricultural industries	88.2	72.9	80.7	74.9	88.3	72.7	82.3	73.8	86.9	73.8	80.2	71.2
Unemployed.....	2.9	6.8	7.6	9.8	2.9	7.6	5.9	9.9	4.1	11.3	8.3	11.4
FEMALE												
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Labor force.....	31.7	56.0	37.3	47.2	30.5	54.7	36.7	51.9	31.4	56.2	38.1	47.2
Not in labor force.....	68.3	44.0	62.7	52.8	69.5	45.3	63.3	48.1	68.6	43.8	61.9	52.8
Labor force.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Employed.....	95.2	93.4	95.4	93.6	94.8	93.1	95.0	93.5	93.6	91.8	93.7	93.0
Agriculture.....	7.6	4.6	3.7	4.8	7.1	2.8	3.0	4.9	7.2	3.4	3.2	4.1
Nonagricultural industries	87.6	88.8	91.7	88.8	87.7	90.3	92.0	88.6	86.4	88.4	90.5	88.9
Unemployed.....	4.8	6.6	4.6	6.4	5.2	6.9	5.0	6.5	6.4	8.2	6.3	7.0

Table A-6: Employment status of the civilian noninstitutional population, by color and sex

(Thousands of persons 14 years of age and over)

Color and employment status	September 1959			August 1959			September 1958		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
WHITE									
Total.....	108,895	51,992	56,904	108,798	51,956	56,842	107,555	51,358	56,198
Labor force.....	61,870	41,993	19,877	62,947	43,028	19,919	61,124	41,618	19,507
Percent of population.....	56.8	80.8	34.9	57.9	82.8	35.0	56.8	81.0	34.7
Employed.....	59,299	40,425	18,873	60,348	41,430	18,918	57,821	39,524	18,298
Agriculture.....	5,113	4,153	960	5,417	4,410	1,007	5,125	4,244	881
Nonagricultural industries.....	54,184	36,271	17,914	54,931	37,020	17,911	52,696	35,280	17,417
Unemployed.....	2,571	1,568	1,004	2,599	1,598	1,001	3,303	2,094	1,209
Percent of labor force.....	4.2	3.7	5.0	4.1	3.7	5.0	5.4	5.0	6.2
Not in labor force.....	47,025	9,999	37,027	45,851	8,929	36,923	46,431	9,740	36,691
NONWHITE									
Total.....	12,232	5,731	6,501	12,214	5,725	6,489	12,029	5,635	6,394
Labor force.....	7,707	4,617	3,090	7,720	4,697	3,023	7,616	4,537	3,079
Percent of population.....	63.0	80.6	47.5	63.2	82.0	46.6	63.3	80.5	48.2
Employed.....	7,048	4,163	2,886	6,893	4,157	2,736	6,808	4,016	2,792
Agriculture.....	1,128	669	459	940	640	300	1,066	672	394
Nonagricultural industries.....	5,920	3,494	2,427	5,953	3,517	2,436	5,742	3,344	2,398
Unemployed.....	659	454	205	827	540	287	808	521	287
Percent of labor force.....	8.5	9.8	6.6	10.7	11.5	9.5	10.6	11.5	9.3
Not in labor force.....	4,524	1,114	3,411	4,494	1,028	3,467	4,413	1,098	3,315

Region; Class of Worker
Reasons Employed Persons
Not at Work

**Table A-7: Employment status of the civilian noninstitutional population,
total and urban, by region**

(Percent distribution of persons 14 years of age and over)

Region	September 1959					August 1959					September 1958				
	Percent of pop- ulation in labor force	Labor force				Percent of pop- ulation in labor force	Labor force				Percent of pop- ulation in labor force	Labor force			
		Total	Employed		Unem- ployed		Total	Employed		Unem- ployed		Total	Employed		Unem- ployed
			Agri- cul- ture	Nonagri- cultural indus- tries				Agri- cul- ture	Nonagri- cultural indus- tries				Agri- cul- ture	Nonagri- cultural indus- tries	
Total.....	57.4	100.0	9.0	86.4	4.6	58.4	100.0	9.0	86.2	4.8	57.5	100.0	9.0	85.0	6.0
Northeast.....	57.5	100.0	2.7	91.9	5.4	58.7	100.0	2.7	92.0	5.3	57.5	100.0	3.0	90.2	6.8
North Central.....	57.7	100.0	10.5	85.5	4.0	58.7	100.0	11.1	84.2	4.7	57.2	100.0	11.1	83.0	5.9
South.....	57.2	100.0	13.5	81.7	4.8	57.8	100.0	12.8	82.2	5.0	57.3	100.0	13.2	81.1	5.6
West.....	57.2	100.0	8.1	87.7	4.2	58.6	100.0	8.5	87.5	4.0	58.4	100.0	7.4	87.3	5.4
Urban.....	58.1	100.0	1.0	93.7	5.3	58.8	100.0	1.0	93.5	5.5	58.2	100.0	.8	92.4	6.8
Northeast.....	57.8	100.0	.6	93.6	5.8	58.9	100.0	.5	93.7	5.8	57.7	100.0	.3	92.6	7.1
North Central.....	58.2	100.0	.7	94.5	4.8	58.6	100.0	.8	93.4	5.8	57.6	100.0	.7	92.2	7.1
South.....	58.6	100.0	1.8	92.5	5.7	59.4	100.0	1.8	92.3	5.9	58.7	100.0	1.2	92.3	6.5
West.....	57.8	100.0	1.4	94.2	4.4	58.3	100.0	1.5	94.6	3.9	59.5	100.0	1.2	92.8	6.0

Table A-8: Employed persons, by type of industry, class of worker, and sex

(Thousands of persons 14 years of age and over)

Type of industry and class of worker	September 1959			August 1959			September 1958		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total.....	66,347	44,588	21,759	67,241	45,587	21,654	64,629	43,539	21,090
Agriculture.....	6,242	4,824	1,418	6,357	5,050	1,307	6,191	4,916	1,275
Wage and salary workers.....	2,001	1,513	488	1,960	1,617	345	1,923	1,551	372
Self-employed workers.....	2,995	2,869	127	3,042	2,890	152	3,030	2,899	131
Unpaid family workers.....	1,246	442	803	1,355	544	811	1,239	467	772
Nonagricultural industries.....	60,105	39,764	20,341	60,884	40,537	20,347	58,438	38,623	19,815
Wage and salary workers.....	53,059	34,498	18,560	53,956	35,434	18,521	51,523	33,464	18,059
In private households.....	2,346	385	1,962	2,555	436	2,119	2,320	350	1,970
Government workers.....	7,750	4,727	3,024	7,218	4,588	2,630	7,632	4,663	2,969
Other wage and salary workers.....	42,961	29,386	13,574	44,183	30,410	13,773	41,571	28,451	13,120
Self-employed workers.....	6,454	5,207	1,247	6,283	4,982	1,301	6,261	5,085	1,176
Unpaid family workers.....	592	59	533	645	120	525	653	73	580

Table A-9: Employed persons with a job but not at work, by reason for not working and pay status

(Thousands of persons 14 years of age and over)

Reason for not working	September 1959				August 1959				September 1958			
	Total	Nonagricultural industries			Total	Nonagricultural industries			Total	Nonagricultural industries		
		Total	Wage and salary workers			Total	Wage and salary workers			Total	Wage and salary workers	
			Number	Percent paid			Number	Percent paid			Number	Percent paid
Total.....	3,575	3,450	3,052	55.7	6,812	6,609	6,122	63.3	2,731	2,587	2,271	60.6
Bad weather.....	39	27	20	(1)	28	16	11	(1)	29	23	15	(1)
Industrial dispute.....	399	399	399	-	426	426	426	-	58	58	58	-
Vacation.....	1,907	1,874	1,701	81.9	4,778	4,697	4,417	79.3	1,512	1,471	1,367	80.5
Illness.....	841	792	670	39.6	828	770	674	31.6	737	681	599	36.8
All other.....	389	359	264	14.8	752	700	595	26.2	395	354	231	22.1

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

NOTE: Persons on temporary (less than 30-day) layoff and persons scheduled to start new wage and salary jobs within 30 days have not been included in the category "With a job but not at work" since January 1957. Most of these persons are now classified as unemployed. These groups numbered 139,000 and 157,000, respectively, in September 1959.

Table A-10: Occupation group of employed persons, by sex

Occupation group	(Thousands of persons 14 years of age and over)						September 1958					
	September 1959			Percent distribution			September 1958			Percent distribution		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total.....	66,347	44,588	21,759	100.0	100.0	100.0	64,629	43,539	21,090	100.0	100.0	100.0
Professional, technical, and kindred workers.....	7,238	4,713	2,524	10.9	10.6	11.6	7,168	4,646	2,522	11.1	10.7	12.0
Medical and other health workers.....	1,270	571	699	1.9	1.3	3.2	1,219	540	679	1.9	1.2	3.2
Teachers, except college.....	1,539	448	1,091	2.3	1.0	5.0	1,619	434	1,185	2.5	1.0	5.6
Other professional, technical, and kindred workers	4,429	3,695	735	6.7	8.3	3.4	4,330	3,672	658	6.7	8.4	3.1
Farmers and farm managers.....	2,973	2,858	115	4.5	6.4	.5	3,045	2,923	122	4.7	6.7	.6
Managers, officials, and proprietors, except farm...	7,140	6,070	1,070	10.8	13.6	5.0	6,916	5,879	1,037	10.7	13.5	4.9
Salaried workers.....	3,453	2,960	493	5.2	6.6	2.3	3,263	2,832	431	5.0	6.5	2.0
Self-employed workers in retail trade.....	1,777	1,408	369	2.7	3.2	1.7	1,799	1,395	404	2.8	3.2	1.9
Self-employed workers, except retail trade.....	1,910	1,702	208	2.9	3.8	1.0	1,854	1,652	202	2.9	3.8	1.0
Clerical and kindred workers.....	9,414	2,957	6,457	14.2	6.6	29.6	9,089	2,904	6,185	14.1	6.7	29.3
Stenographers, typists, and secretaries.....	2,413	66	2,347	3.6	.1	10.8	2,225	63	2,162	3.4	.2	10.2
Other clerical and kindred workers.....	7,001	2,891	4,110	10.6	6.5	18.8	6,864	2,836	4,028	10.6	6.5	19.1
Sales workers.....	4,391	2,710	1,681	6.6	6.1	7.7	4,085	2,467	1,618	6.3	5.7	7.7
Retail trade.....	2,532	1,053	1,478	3.8	2.4	6.8	2,460	1,010	1,450	3.8	2.3	6.9
Other sales workers.....	1,860	1,657	203	2.8	3.7	.9	1,625	1,457	168	2.5	3.3	.8
Craftsmen, foremen, and kindred workers.....	8,736	8,515	221	13.3	19.1	1.0	8,513	8,296	217	13.2	19.1	1.0
Carpenters.....	833	829	4	1.3	1.9	(1)	800	795	5	1.4	2.1	(1)
Construction craftsmen, except carpenters.....	1,859	1,844	14	2.8	4.1	.1	1,693	1,689	4	2.6	3.9	(1)
Mechanics and repairmen.....	2,026	2,016	10	3.1	4.5	(1)	2,074	2,054	20	3.2	4.7	.1
Metal craftsmen, except mechanics.....	1,106	1,096	10	1.7	2.5	(1)	1,034	1,030	4	1.6	2.4	(1)
Other craftsmen and kindred workers.....	1,795	1,714	81	2.7	3.8	.4	1,721	1,625	96	2.7	3.7	.5
Foremen, not elsewhere classified.....	1,117	1,015	101	1.7	2.3	.5	1,091	1,003	88	1.7	2.3	.4
Operatives and kindred workers.....	11,993	8,612	3,381	18.1	19.4	15.7	11,511	8,217	3,294	17.8	18.9	15.6
Drivers and deliverymen.....	2,382	2,348	34	3.6	5.3	.2	2,287	2,264	23	3.5	5.2	.1
Other operatives and kindred workers:												
Durable goods manufacturing.....	3,573	2,602	971	5.4	5.8	4.5	3,208	2,417	791	5.0	5.6	3.8
Nondurable goods manufacturing.....	3,317	1,586	1,731	5.0	3.6	8.0	3,327	1,564	1,763	5.1	3.6	8.4
Other industries.....	2,721	2,077	644	4.1	4.7	3.0	2,689	1,972	717	4.2	4.5	3.4
Private household workers.....	1,983	40	1,944	3.0	.1	8.9	1,978	47	1,931	3.1	.1	9.2
Service workers, except private household.....	5,698	2,667	3,031	8.5	6.0	14.0	5,672	2,724	2,948	8.8	6.3	14.0
Protective service workers.....	747	713	34	1.1	1.6	.2	744	721	23	1.2	1.7	.1
Waiters, cooks, and bartenders.....	1,613	426	1,187	2.4	1.0	5.5	1,602	488	1,114	2.5	1.1	5.3
Other service workers.....	3,338	1,528	1,810	5.0	3.4	8.3	3,326	1,515	1,811	5.1	3.5	8.6
Farm laborers and foremen.....	2,968	1,719	1,249	4.5	3.9	5.7	2,931	1,797	1,134	4.5	4.1	5.4
Paid workers.....	1,736	1,277	459	2.6	2.9	2.1	1,701	1,329	372	2.6	3.1	1.8
Unpaid family workers.....	1,232	441	790	1.9	1.0	3.6	1,230	468	762	1.9	1.1	3.6
Laborers, except farm and mine.....	3,812	3,726	85	5.7	8.3	.4	3,723	3,639	84	5.8	8.4	.4
Construction.....	854	854	-	1.3	1.9	-	918	915	3	1.4	2.1	(1)
Manufacturing.....	1,210	1,160	49	1.8	2.6	.2	1,090	1,042	48	1.7	2.4	.2
Other industries.....	1,749	1,712	37	2.6	3.8	.2	1,715	1,682	33	2.7	3.9	.2

¹Less than 0.05.

Table A-11: Major occupation group of employed persons, by color and sex

Major occupation group	(Percent distribution of persons 14 years of age and over)						September 1958					
	September 1959			Nonwhite			White			Nonwhite		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total.....thousands..	59,299	40,425	18,873	7,048	4,163	2,886	57,821	39,524	18,298	6,808	4,016	2,792
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
Professional, technical, and kindred workers	11.6	11.3	12.4	4.9	3.8	6.4	11.9	11.4	13.0	4.1	3.4	5.1
Farmers and farm managers.....	4.6	6.6	.5	3.2	5.0	.5	4.9	6.9	.6	3.3	5.3	.6
Managers, officials, and proprietors, except farm.....	11.7	14.7	5.3	2.8	3.1	2.3	11.7	14.6	5.4	2.6	3.0	2.0
Clerical and kindred workers.....	15.2	6.8	33.2	5.7	5.1	6.7	15.1	6.8	32.8	5.6	4.9	6.6
Sales workers.....	7.2	6.6	8.6	1.6	1.4	1.8	6.9	6.1	8.6	1.1	.9	1.3
Craftsmen, foremen, and kindred workers.....	14.1	20.1	1.1	5.5	9.1	.5	14.0	20.0	1.1	6.0	9.6	.8
Operatives and kindred workers.....	17.8	18.8	15.6	20.6	24.3	15.3	17.6	18.5	15.7	19.6	22.6	15.3
Private household workers.....	1.8	(1)	5.5	13.2	.5	31.5	1.8	.1	5.5	13.9	.5	33.2
Service workers, except private household...	7.7	5.2	13.1	16.0	13.6	19.5	7.8	5.5	12.9	16.8	13.9	21.0
Farm laborers and foremen.....	3.6	3.2	4.3	12.0	10.0	14.9	3.7	3.5	4.1	11.7	10.5	13.5
Laborers, except farm and mine.....	4.7	6.7	.4	14.5	24.2	.6	4.6	6.6	.4	15.2	25.4	.6

¹Less than 0.05.

Table A-12: Unemployed persons, by duration of unemployment

(Thousands of persons 14 years of age and over)

Duration of unemployment	Sep. Number	1959 Percent	Aug. 1959	July 1959	June 1959	May 1959	Apr. 1959	Mar. 1959	Feb. 1959	Jan. 1959	Dec. 1958	Nov. 1958	Oct. 1958	Sept. 1958
Total.....	3,230	100.0	3,426	3,744	3,982	3,389	3,627	4,362	4,749	4,724	4,108	3,833	3,805	4,111
Less than 5 weeks.....	1,539	47.7	1,567	1,773	2,274	1,405	1,382	1,365	1,600	1,861	1,706	1,632	1,522	1,569
Less than 1 week.....	31	1.0	25	16	55	25	22	13	17	8	11	10	11	25
1 week.....	406	12.5	451	450	691	407	345	361	337	307	376	389	374	395
2 weeks.....	471	14.6	435	506	717	411	403	383	468	473	477	484	399	481
3 weeks.....	370	11.5	358	420	502	321	326	309	418	562	419	403	397	364
4 weeks.....	261	8.1	298	381	309	241	286	299	360	511	423	346	341	304
5 to 14 weeks.....	955	29.6	1,076	1,154	780	864	848	1,452	1,685	1,488	1,099	967	892	1,080
5 to 8 weeks.....	257	8.0	282	440	191	219	246	200	402	423	296	272	277	214
7 to 10 weeks.....	405	12.5	504	463	339	382	319	533	774	621	475	423	390	430
11 to 14 weeks.....	293	9.1	290	251	250	263	283	629	509	444	328	272	225	436
15 weeks and over.....	736	22.8	783	817	927	1,120	1,398	1,514	1,464	1,375	1,302	1,234	1,392	1,461
15 to 26 weeks.....	340	10.5	290	302	387	515	675	767	727	557	320	499	581	573
27 weeks and over.....	396	12.3	493	515	540	605	723	777	737	810	782	735	811	888
Average duration.....	13.7	-	13.8	13.4	13.0	15.8	16.8	16.8	15.4	15.4	15.6	15.4	16.6	16.4

Table A-13: Unemployed persons, by major occupation group and industry group

(Persons 14 years of age and over)

Occupation and industry	September 1959		August 1959		September 1958	
	Percent distribution	Unemployment rate ¹	Percent distribution	Unemployment rate ¹	Percent distribution	Unemployment rate ¹
MAJOR OCCUPATION GROUP						
Total.....	100.0	4.6	100.0	4.8	100.0	6.0
Professional, technical, and kindred workers.....	4.1	1.8	4.1	2.0	4.2	2.4
Farmers and farm managers.....	.2	.2	.2	.2	.2	.2
Managers, officials, and proprietors, except farm....	3.0	1.3	2.5	1.2	2.4	1.4
Clerical and kindred workers.....	10.5	3.5	10.3	3.6	10.3	4.4
Sales workers.....	4.4	3.2	4.4	3.2	4.1	3.9
Craftsmen, foremen, and kindred workers.....	10.6	3.8	9.9	3.7	11.5	5.3
Operatives and kindred workers.....	25.1	6.3	24.2	6.4	28.4	9.2
Private household workers.....	2.8	4.4	2.5	3.9	2.6	5.1
Service workers, except private household.....	10.8	5.8	10.7	5.8	10.4	7.0
Farm laborers and foremen.....	2.4	2.5	4.4	4.6	2.9	3.9
Laborers, except farm and mine.....	14.4	10.9	12.3	9.1	12.8	12.4
No previous work experience.....	11.7	-	14.5	-	10.2	-
INDUSTRY GROUP						
Total ²	100.0	4.6	100.0	4.8	100.0	6.0
Experienced wage and salary workers.....	85.8	4.8	83.4	4.9	87.7	6.3
Agriculture.....	3.2	4.9	5.2	8.3	3.0	6.1
Nonagricultural industries.....	82.6	4.8	78.2	4.7	84.7	6.3
Mining, forestry, and fisheries.....	2.0	9.8	1.8	9.3	1.7	9.2
Construction.....	10.4	8.4	9.1	7.3	9.3	9.6
Manufacturing.....	27.5	5.0	26.5	5.0	34.0	8.1
Durable goods.....	16.7	5.4	15.1	5.1	22.0	9.4
Primary metal industries.....	2.6	6.8	1.9	5.0	3.0	10.3
Fabricated metal products.....	1.6	4.6	1.4	4.0	2.0	7.7
Machinery (except electrical).....	2.0	3.7	1.1	2.4	3.0	8.2
Electrical machinery.....	2.0	5.0	1.8	4.8	2.5	8.4
Transportation equipment.....	4.3	6.1	5.8	8.9	7.2	12.6
Motor vehicles and equipment.....	2.6	8.3	4.6	16.3	5.0	21.5
All other transportation equipment.....	1.7	4.4	1.2	3.3	2.2	6.4
Other durable goods industries.....	4.2	5.7	3.1	4.3	4.3	8.1
Nondurable goods.....	10.8	4.6	11.4	4.9	12.0	6.4
Food and kindred products.....	1.8	3.7	2.7	5.4	2.4	6.0
Textile-mill products.....	1.9	6.0	1.5	4.9	2.8	10.7
Apparel and other finished textile products.....	3.2	8.6	3.0	7.9	2.7	9.3
Other nondurable goods industries.....	3.9	3.3	4.2	3.8	4.1	4.5
Transportation and public utilities.....	5.0	3.6	5.4	3.9	5.5	4.9
Railroads and railway express.....	1.6	4.8	1.3	4.0	2.6	9.5
Other transportation.....	2.3	4.5	2.9	5.7	2.1	5.3
Communication and other public utilities.....	1.1	2.0	1.2	2.2	.8	1.7
Wholesale and retail trade.....	18.0	5.5	16.2	5.2	15.9	6.3
Finance, insurance, and real estate.....	2.0	2.5	1.6	2.1	2.1	3.4
Service industries.....	15.7	4.0	15.5	4.3	14.2	4.7
Professional services.....	5.1	2.5	6.1	3.5	4.4	2.7
All other service industries.....	10.6	5.9	9.4	5.0	9.8	6.8
Public administration.....	2.0	2.0	2.1	2.2	2.0	2.6

¹Percent of labor force in each group who were unemployed. ²Includes self-employed, unpaid family workers, and persons with no previous work experience, not shown separately.

Table A-14: Persons unemployed 15 weeks and over, by selected characteristics

(Persons 14 years of age and over)						
Characteristics	September 1959		August 1959		September 1958	
	Percent distribution	Percent of unemployed in each group	Percent distribution	Percent of unemployed in each group	Percent distribution	Percent of unemployed in each group
AGE AND SEX						
Total.....	100.0	22.8	100.0	22.9	100.0	35.5
Male: 14 years and over.....	70.3	25.7	67.7	24.8	70.5	39.3
14 to 17 years.....	2.7	11.7	2.7	8.3	2.7	21.3
18 and 19 years.....	4.3	17.0	3.8	12.7	3.4	20.8
20 to 24 years.....	10.0	26.5	7.4	20.9	8.6	34.7
25 to 34 years.....	9.6	17.4	12.1	25.9	} 29.5	42.9
35 to 44 years.....	14.3	30.7	14.2	31.3		
45 to 64 years.....	24.1	33.1	23.9	33.4		21.4	44.3
65 years and over.....	5.3	(1)	3.6	(1)	4.9	58.7
Female: 14 years and over.....	29.7	17.9	32.3	19.6	28.5	28.9
14 to 19 years.....	5.1	16.0	3.7	9.5	3.6	19.2
20 to 24 years.....	2.4	9.7	4.7	19.4	3.2	22.5
25 to 34 years.....	3.9	12.6	5.0	16.9	} 13.2	30.7
35 to 44 years.....	6.3	20.2	8.0	25.0		
45 years and over.....	12.0	27.5	10.9	27.5		9.5	35.9
MARITAL STATUS AND SEX						
Total.....	100.0	22.8	100.0	22.9	100.0	(2)
Male: Married, wife present.....	35.8	25.4	35.9	27.1	(2)	(2)
Single.....	25.7	24.2	23.9	20.3	(2)	(2)
Other.....	8.6	34.2	7.9	35.8	(2)	(2)
Female: Married, husband present.....	13.7	16.5	15.5	19.1	(2)	(2)
Single.....	9.6	20.3	9.9	19.6	(2)	(2)
Other.....	6.5	19.9	6.9	21.3	(2)	(2)
COLOR AND SEX						
Total.....	100.0	22.8	100.0	22.9	100.0	35.5
White.....	74.6	21.5	72.8	22.1	79.8	35.3
Male.....	50.7	23.9	47.8	23.6	55.4	38.7
Female.....	23.9	17.6	25.0	19.7	24.3	29.4
Nonwhite.....	25.4	28.5	27.2	25.9	20.2	36.5
Male.....	19.7	32.2	20.4	29.8	14.9	41.8
Female.....	5.7	20.5	6.7	18.5	5.3	26.8
MAJOR OCCUPATION GROUP						
Total.....	100.0	22.8	100.0	22.9	100.0	35.5
Professional, technical, and kindred workers.....	3.0	16.7	4.1	22.7	3.2	26.3
Farmers and farm managers.....	.1	(1)	.3	(1)	.3	(1)
Managers, officials, and proprietors, except farm.....	4.3	(1)	3.1	(1)	2.4	35.0
Clerical and kindred workers.....	11.0	23.8	12.5	27.8	9.2	31.3
Sales workers.....	3.7	18.9	3.9	20.8	3.1	26.3
Craftsmen, foremen, and kindred workers.....	10.1	21.8	8.9	20.7	11.8	35.7
Operatives and kindred workers.....	26.8	24.4	28.5	27.0	37.2	45.6
Private household workers.....	2.2	(1)	2.0	(1)	.8	10.4
Service workers, except private household.....	10.3	21.7	12.0	25.8	9.1	30.3
Farm laborers and foremen.....	2.0	(1)	1.9	10.1	.7	8.4
Laborers, except farm and mine.....	16.0	25.4	14.0	25.9	14.6	39.7
No previous work experience.....	10.6	20.7	8.8	13.9	7.5	25.8
INDUSTRY GROUP						
Total ³	100.0	22.8	100.0	22.9	100.0	35.5
Experienced wage and salary workers	86.9	23.3	89.3	24.5	91.0	37.0
Agriculture.....	1.9	13.7	2.2	9.6	.6	7.2
Nonagricultural industries	85.0	23.7	87.1	25.4	90.4	38.0
Mining, forestry, and fisheries.....	3.5	(1)	3.5	(1)	2.5	(1)
Construction.....	9.0	20.0	8.8	22.2	7.5	28.3
Manufacturing.....	32.8	27.5	33.5	28.9	46.5	48.9
Durable goods.....	17.9	24.8	18.5	28.0	32.3	52.3
Nondurable goods.....	14.9	31.7	15.0	29.9	14.2	42.4
Transportation and public utilities.....	4.6	20.7	6.5	27.6	7.3	47.8
Wholesale and retail trade.....	17.9	22.9	14.7	20.8	13.1	29.2
Service and finance, insurance, and real estate.....	13.7	17.9	16.2	21.6	12.1	26.4
Public administration.....	3.5	(1)	3.8	(1)	1.4	(1)

¹Percent not shown where base is less than 100,000. ²Not available. ³Includes self-employed, unpaid family workers, and persons with no previous work experience, not shown separately.

Table A-15: Persons at work, by hours worked, type of industry, and class of worker

September 1959

(Percent distribution of persons 14 years of age and over)

Hours worked	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....	62,772	6,115	1,964	2,906	1,246	56,657	50,008	2,285	7,245	40,478	6,058	590
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.....	42.4	30.0	40.9	15.1	47.8	43.8	46.4	64.7	46.3	45.4	22.5	35.5
1 to 14 hours.....	5.4	7.2	14.8	5.2	-	5.2	5.2	34.2	3.2	3.9	5.6	-
15 to 21 hours.....	5.0	10.7	10.3	4.6	25.5	4.4	4.2	12.8	3.8	3.8	4.3	19.5
22 to 29 hours.....	6.0	5.6	4.8	2.4	14.5	6.1	6.3	9.6	7.3	6.0	3.6	9.0
30 to 34 hours.....	26.0	6.5	11.0	2.9	7.8	28.1	30.7	8.1	32.0	31.7	9.0	7.0
35 to 40 hours.....	30.3	15.4	19.3	12.0	16.7	31.9	33.1	18.8	35.3	33.4	23.1	26.0
35 to 39 hours.....	6.6	6.5	6.8	5.0	9.1	6.6	6.7	4.6	6.6	6.8	6.0	9.7
40 hours.....	23.7	8.9	12.5	7.0	7.6	25.3	26.4	14.2	28.7	26.6	17.1	16.3
41 hours and over.....	27.2	54.6	39.9	73.0	35.5	24.3	20.5	16.6	18.3	21.1	54.3	38.4
41 to 47 hours.....	5.9	6.4	7.9	4.8	8.1	5.8	5.7	4.7	5.4	5.9	6.7	5.8
48 hours.....	4.7	4.0	3.5	5.1	2.2	4.8	4.6	3.1	3.6	4.8	6.7	4.9
49 hours and over.....	16.6	44.2	28.5	63.1	25.2	13.7	10.2	8.8	9.3	10.4	40.9	27.7
49 to 54 hours.....	5.0	8.7	9.5	8.4	8.2	4.6	3.8	2.7	3.1	4.0	10.6	9.2
55 to 59 hours.....	2.3	4.7	4.6	4.7	5.0	2.1	1.8	1.3	1.6	1.8	4.3	2.2
60 to 69 hours.....	4.7	13.4	7.7	19.7	7.7	3.8	2.7	2.3	2.5	2.7	12.5	8.0
70 hours and over.....	4.6	17.4	6.7	30.3	4.3	3.2	1.9	2.5	2.1	1.9	13.5	8.3
Average hours.....	38.3	45.9	37.5	55.5	36.8	37.5	36.4	25.7	36.7	36.9	46.7	40.9

Table A-16: Persons employed in nonagricultural industries, by full-time or part-time status and reason for part time

(Thousands of persons 14 years of age and over)

Hours worked, usual status, and reason working part time	Sept. 1959	Aug. 1959	Sept. 1958	Hours worked, usual status, and reason working part time	Sept. 1959	Aug. 1959	Sept. 1958
Total.....	60,105	60,884	58,438	Usually work full time—Continued			
With a job but not at work.....	3,450	6,609	2,586	Part time for other reasons.....	17,655	1,736	1,543
At work.....	56,657	54,273	55,852	Own illness.....	427	502	451
41 hours and over.....	13,779	17,461	17,717	Vacation.....	342	417	241
35 to 40 hours.....	18,090	28,336	29,004	Bad weather.....	218	172	153
1 to 34 hours.....	24,787	8,475	9,132	Holiday.....	16,070	105	129
Usually work full time on present job:				All other.....	598	540	568
Part time for economic reasons.....	933	1,003	1,324	Usually work part time on present job:			
Slack work.....	593	750	1,067	For economic reasons ¹	1,081	1,544	1,179
Material shortages or repairs.....	62	76	77	Average hours.....	18.5	17.7	18.6
New job started.....	212	136	131	For other reasons.....	5,118	4,191	5,086
Job terminated.....	65	40	48				
Average hours.....	22.2	23.8	24.6	Average hours for total at work.....	37.5	41.2	40.8

¹Primarily includes persons who could find only part-time work.

Table A-17: Wage and salary workers, by full-time or part-time status and major industry group

September 1959

(Percent distribution of persons 14 years of age and over)

Major industry group	Total at work	1 to 34 hours						35 to 39 hours	40 hours	41 hours and over			
		Total	Usually work full time on present job		Usually work part time on present job		Total			41 to 47 hours	48 hours	49 hours and over	
			Part time for economic reasons	Part time for other reasons	For economic reasons	For other reasons							
Agriculture.....	100.0	40.9	1.8	9.3	7.9	21.9	6.8	12.5	39.9	7.9	3.5	28.5	
Nonagricultural industries.....	100.0	46.4	1.7	34.0	2.1	8.6	6.7	26.4	20.5	5.7	4.6	10.2	
Construction.....	100.0	52.2	3.6	42.7	3.2	2.7	6.9	24.4	16.6	5.1	3.3	8.2	
Manufacturing.....	100.0	51.4	2.1	45.7	.9	2.7	5.8	27.9	14.8	4.5	3.7	6.6	
Durable goods.....	100.0	54.0	1.6	50.6	.6	1.2	5.2	27.6	13.3	4.3	3.2	5.8	
Nondurable goods.....	100.0	48.1	2.7	39.4	1.4	4.6	6.6	28.4	16.8	4.8	4.5	7.5	
Transportation and public utilities....	100.0	39.1	1.6	33.2	1.4	2.9	4.4	37.4	19.1	5.6	3.6	9.9	
Wholesale and retail trade.....	100.0	38.9	1.2	21.2	2.2	14.3	7.6	22.5	31.1	8.8	6.9	15.4	
Finance, insurance, and real estate....	100.0	52.1	.7	44.5	1.0	5.9	10.6	21.4	16.0	4.7	2.9	8.4	
Service industries.....	100.0	46.0	1.6	22.8	3.8	17.8	7.9	23.9	22.1	5.8	4.7	11.6	
Educational services.....	100.0	49.5	1.9	36.2	.6	10.8	10.7	20.6	19.2	5.8	2.2	11.2	
Other professional services.....	100.0	36.5	.8	23.8	1.0	10.9	5.7	34.3	23.6	4.2	5.5	13.9	
All other service industries.....	100.0	49.9	2.0	15.0	7.3	25.6	7.7	19.5	23.0	6.8	5.7	10.5	
All other industries.....	100.0	45.3	.8	40.1	1.1	3.3	4.1	30.7	19.8	3.8	5.0	11.0	

Table A-18: Persons at work, by full-time or part-time status and major occupation group

September 1959

(Percent distribution of persons 14 years of age and over)

Major occupation group	Total at work	1 to 34 hours						35 to 39 hours	40 hours	41 hours and over				Average hours
		Total	Usually work full time on present job		Usually work part time on present job		Total			41 to 47 hours	48 hours	49 hours and over		
			Part time for economic reasons	Part time for other reasons	For economic reasons	For other reasons								
Total.....	100.0	42.4	1.6	28.7	2.0	10.1	6.6	23.7	27.2	5.9	4.7	16.6	38.3	
Professional, technical, and kindred workers.....	100.0	43.0	1.2	35.6	.3	5.9	7.6	24.9	24.5	5.3	3.3	15.9	38.5	
Farmers and farm managers.....	100.0	14.6	1.5	3.9	.6	8.6	5.0	6.9	73.7	4.7	5.2	63.8	55.7	
Managers, officials, and proprietors, except farm.....	100.0	23.6	.4	18.7	.3	4.2	6.0	18.4	52.1	7.8	6.4	37.9	47.0	
Clerical and kindred workers.....	100.0	57.4	.7	46.0	.8	9.9	7.0	25.0	10.6	4.8	2.1	3.7	34.2	
Sales workers.....	100.0	42.8	.6	21.4	1.5	19.3	7.8	20.8	28.6	7.9	4.7	16.0	36.2	
Craftsmen, foremen, and kindred workers.....	100.0	42.8	2.1	37.6	1.2	1.9	6.6	30.0	20.6	6.5	4.8	9.3	37.7	
Operatives and kindred workers.....	100.0	45.6	3.1	35.6	2.0	4.9	6.6	27.0	20.9	5.5	5.1	10.3	37.1	
Private household workers.....	100.0	62.9	2.0	5.7	11.5	43.7	5.6	14.2	17.3	5.0	2.8	9.5	26.7	
Service workers, except private household.....	100.0	33.6	1.5	13.7	2.9	15.5	5.8	30.5	30.0	5.1	9.9	15.0	38.2	
Farm laborers and foremen.....	100.0	44.2	1.3	6.4	4.7	31.8	7.9	10.0	37.9	8.1	2.5	27.3	36.9	
Laborers, except farm and mine.....	100.0	51.9	3.3	31.7	6.1	10.8	5.8	26.2	16.1	4.4	4.5	7.2	33.6	

Table A-19: Persons at work in nonagricultural industries, by full-time and part-time status and selected characteristics

September 1959

(Percent distribution of persons 14 years of age and over)

Characteristics	Total at work		1 to 34 hours						35 to 40 hours	41 hours and over	Average hours
	(In thou- sands)	Percent	Total	Usually work full time on present job		Usually work part time on present job					
				Part time for economic reasons	Part time for other reasons	For economic reasons	For other reasons				
AGE AND SEX											
Total.....	56,657	100.0	43.8	1.6	31.3	1.9	9.0	31.9	24.3	37.5	
Male.....	37,470	100.0	38.1	1.6	30.3	1.4	4.8	32.7	29.2	39.6	
14 to 17 years.....	1,083	100.0	83.3	.4	6.3	2.4	74.2	8.8	8.0	18.6	
18 to 24 years.....	4,297	100.0	41.5	2.7	30.6	2.5	5.7	32.5	25.9	38.1	
25 to 34 years.....	8,844	100.0	35.7	1.6	32.4	.9	.8	34.5	29.8	40.4	
35 to 44 years.....	9,171	100.0	34.1	1.5	31.1	.8	.7	33.5	32.5	41.3	
45 to 64 years.....	12,568	100.0	36.6	1.6	31.6	1.5	1.9	33.3	30.0	40.5	
65 years and over.....	1,508	100.0	47.9	.9	19.8	3.5	23.7	29.0	23.1	35.5	
Female.....	19,187	100.0	54.8	1.7	32.8	2.9	17.4	30.5	14.8	33.5	
14 to 17 years.....	814	100.0	82.6	1.0	9.5	.5	71.6	12.6	4.9	17.9	
18 to 24 years.....	3,028	100.0	54.3	2.0	40.8	2.9	8.6	34.9	10.8	33.7	
25 to 34 years.....	3,395	100.0	53.9	1.6	35.3	2.2	14.8	32.7	13.4	33.7	
35 to 44 years.....	4,443	100.0	55.1	2.0	34.1	3.1	15.9	30.3	14.6	34.0	
45 to 64 years.....	6,781	100.0	51.5	1.6	31.4	3.2	15.3	30.3	18.2	35.1	
65 years and over.....	726	100.0	56.7	.4	17.8	5.7	32.8	24.6	18.7	32.1	
MARITAL STATUS AND SEX											
Male: Single.....	5,734	100.0	51.4	2.0	27.6	2.6	19.2	30.5	18.1	33.7	
Married, wife present.....	29,858	100.0	35.3	1.6	30.8	1.0	1.9	33.0	31.7	40.8	
Other.....	1,877	100.0	41.9	1.4	31.0	3.5	6.0	34.8	23.3	37.8	
Female: Single.....	4,671	100.0	57.1	1.4	35.6	2.0	18.1	30.7	12.2	32.4	
Married, husband present.....	10,511	100.0	56.2	1.8	32.9	2.8	18.7	29.6	14.3	33.4	
Other.....	4,005	100.0	48.2	1.6	29.2	4.4	13.0	32.6	19.3	35.3	
COLOR AND SEX											
White.....	51,115	100.0	43.4	1.5	31.6	1.4	8.9	31.7	24.9	37.8	
Male.....	34,195	100.0	37.8	1.5	30.4	1.1	4.8	32.2	30.0	39.8	
Female.....	16,920	100.0	54.8	1.5	34.1	2.0	17.2	30.6	14.5	33.7	
Nonwhite.....	5,541	100.0	46.7	3.0	26.9	6.9	9.9	34.1	19.2	35.2	
Male.....	3,274	100.0	42.0	3.1	30.0	4.8	4.1	37.5	20.6	37.0	
Female.....	2,267	100.0	53.6	2.9	22.4	10.0	18.3	29.3	17.1	32.6	

Table B-1: Employees in nonagricultural establishments, 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
1919.....	26,829	1,124	1,021	10,534	3,711	4,664	1,050	2,054	2,671
1920.....	27,088	1,230	848	10,534	3,998	4,623	1,110	2,142	2,603
1921.....	24,125	953	1,012	8,132	3,459	4,754	1,097	2,187	2,531
1922.....	25,569	920	1,185	8,986	3,505	5,084	1,079	2,268	2,542
1923.....	28,128	1,203	1,229	10,155	3,882	5,494	1,123	2,431	2,611
1924.....	27,770	1,092	1,321	9,523	3,806	5,626	1,163	2,516	2,723
1925.....	28,505	1,080	1,446	9,786	3,824	5,810	1,166	2,591	2,802
1926.....	29,539	1,176	1,555	9,997	3,940	6,033	1,235	2,755	2,848
1927.....	29,691	1,105	1,608	9,839	3,891	6,165	1,295	2,871	2,917
1928.....	29,710	1,041	1,606	9,786	3,822	6,137	1,360	2,962	2,996
1929.....	31,041	1,078	1,497	10,534	3,907	6,401	1,431	3,127	3,066
1930.....	29,143	1,000	1,372	9,401	3,675	6,064	1,398	3,084	3,149
1931.....	26,383	864	1,214	8,021	3,243	5,531	1,333	2,913	3,264
1932.....	23,377	722	970	6,797	2,804	4,907	1,270	2,682	3,225
1933.....	23,466	735	809	7,258	2,659	4,999	1,225	2,614	3,167
1934.....	25,699	874	862	8,346	2,736	5,552	1,247	2,784	3,298
1935.....	26,792	888	912	8,907	2,771	5,692	1,262	2,883	3,477
1936.....	28,802	937	1,145	9,653	2,956	6,076	1,313	3,060	3,662
1937.....	30,718	1,006	1,112	10,606	3,114	6,543	1,355	3,233	3,749
1938.....	28,902	882	1,055	9,253	2,840	6,453	1,347	3,196	3,876
1939.....	30,311	845	1,150	10,078	2,912	6,612	1,399	3,321	3,995
1940.....	32,058	916	1,294	10,780	3,013	6,940	1,436	3,477	4,202
1941.....	36,220	947	1,790	12,974	3,248	7,416	1,480	3,705	4,660
1942.....	39,779	983	2,170	15,051	3,433	7,333	1,469	3,857	5,483
1943.....	42,106	917	1,567	17,381	3,619	7,189	1,435	3,919	6,080
1944.....	41,534	883	1,094	17,111	3,798	7,260	1,409	3,934	6,043
1945.....	40,037	826	1,132	15,302	3,872	7,522	1,428	4,011	5,944
1946.....	41,287	852	1,661	14,461	4,023	8,602	1,619	4,474	5,595
1947.....	43,462	943	1,982	15,290	4,222	9,196	1,672	4,783	5,474
1948.....	44,448	982	2,169	15,321	4,141	9,519	1,741	4,925	5,650
1949.....	43,315	918	2,165	14,178	3,949	9,513	1,765	4,972	5,856
1950.....	44,738	889	2,333	14,967	3,977	9,645	1,824	5,077	6,026
1951.....	47,347	916	2,603	16,104	4,166	10,012	1,892	5,264	6,389
1952.....	48,303	885	2,634	16,334	4,185	10,281	1,967	5,411	6,609
1953.....	49,681	852	2,622	17,238	4,221	10,527	2,038	5,538	6,645
1954.....	48,431	777	2,593	15,995	4,009	10,520	2,122	5,664	6,751
1955.....	50,056	777	2,759	16,563	4,062	10,846	2,219	5,916	6,914
1956.....	51,766	807	2,929	16,903	4,161	11,221	2,308	6,160	7,277
1957.....	52,162	809	2,808	16,782	4,151	11,302	2,348	6,336	7,626
1958.....	50,543	721	2,648	15,468	3,903	11,141	2,374	6,395	7,893
1958: September..	51,237	711	2,927	15,755	3,886	11,151	2,392	6,472	7,943
October....	51,136	708	2,887	15,536	3,897	11,225	2,380	6,463	8,040
November....	51,432	712	2,784	15,795	3,885	11,382	2,374	6,426	8,074
December...	51,935	713	2,486	15,749	3,881	11,976	2,373	6,384	8,373
1959: January....	50,310	704	2,343	15,674	3,836	11,052	2,363	6,314	8,024
February....	50,315	693	2,256	15,771	3,835	10,990	2,371	6,333	8,066
March.....	50,878	688	2,417	15,969	3,865	11,083	2,386	6,377	8,093
April.....	51,430	694	2,662	16,034	3,879	11,136	2,403	6,511	8,111
May.....	51,982	701	2,834	16,187	3,914	11,234	2,413	6,583	8,116
June.....	52,580	713	2,986	16,455	3,944	11,352	2,442	6,623	8,065
July.....	52,343	710	3,035	16,410	3,949	11,324	2,475	6,603	7,837
August.....	52,054	633	3,101	16,172	3,922	11,353	2,472	6,589	7,812
September..	52,493	607	3,024	16,321	3,907	11,480	2,450	6,597	8,107

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

Table B-2: Employees in nonagricultural establishments, by industry

Industry	(In thousands)					Production workers ¹				
	All employees					Sept.	Aug.	July	Sept.	Aug.
	1959	1959	1959	1958	1958	1959	1959	1959	1958	1958
TOTAL	52,493	52,054	52,343	51,237	50,576	-	-	-	-	-
MINING	607	633	710	711	708	-	488	562	564	559
METAL MINING	43.9	60.6	97.4	90.7	88.8	-	43.7	80.1	74.3	72.1
Iron mining.....	-	9.6	35.2	31.8	29.9	-	4.8	30.2	27.3	25.3
Copper mining.....	-	20.2	31.0	28.4	27.7	-	14.5	25.3	23.2	22.4
Lead and zinc mining.....	-	12.7	12.7	11.4	11.5	-	10.3	10.2	9.2	9.3
ANTHRACITE MINING	-	15.4	17.1	18.5	18.1	-	13.8	15.5	16.7	16.2
BITUMINOUS-COAL MINING	130.6	134.6	171.3	187.2	184.5	-	115.9	152.5	166.2	163.3
CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION	-	308.5	310.7	301.5	304.7	-	218.4	218.6	210.8	213.3
Petroleum and natural-gas production (except contract services).....	-	182.3	184.0	187.8	190.4	-	108.6	108.4	112.9	115.2
NONMETALLIC MINING AND QUARRYING	112.6	114.3	113.8	113.0	111.6	-	96.2	95.5	95.5	93.9
CONTRACT CONSTRUCTION	3,024	3,101	3,035	2,927	2,955	-	2,692	2,632	2,544	2,570
NONBUILDING CONSTRUCTION	-	689	687	672	670	-	608	606	598	596
Highway and street construction.....	-	346.3	343.0	328.4	326.1	-	319.3	315.6	303.4	301.0
Other nonbuilding construction.....	-	342.9	344.1	343.5	343.6	-	288.7	290.1	294.7	294.8
BUILDING CONSTRUCTION	-	2,412	2,348	2,255	2,285	-	2,084	2,026	1,946	1,974
GENERAL CONTRACTORS	-	842.0	836.7	802.1	825.0	-	741.8	737.2	709.1	730.1
SPECIAL-TRADE CONTRACTORS	-	1,569.5	1,511.3	1,453.0	1,459.5	-	1,341.8	1,288.4	1,236.9	1,244.0
Plumbing and heating.....	-	331.2	323.5	321.9	318.7	-	272.2	264.6	263.6	260.3
Painting and decorating.....	-	245.7	239.9	193.5	200.7	-	224.3	218.3	176.3	183.9
Electrical work.....	-	183.5	179.1	187.1	182.2	-	147.0	142.8	151.6	146.5
Other special-trade contractors.....	-	809.1	768.8	750.5	757.9	-	698.3	662.7	645.4	653.3
MANUFACTURING	16,321	16,172	16,410	15,755	15,462	12,317	12,181	12,433	11,940	11,645
DURABLE GOODS	9,204	9,073	9,523	8,814	8,571	6,816	6,696	7,161	6,579	6,339
NONDURABLE GOODS	7,117	7,099	6,887	6,941	6,891	5,501	5,485	5,272	5,361	5,306
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	145.1	142.7	142.4	130.4	128.5	73.6	71.8	72.2	68.4	66.8
LUMBER AND WOOD PRODUCTS	683.2	693.9	694.4	655.1	645.7	615.7	626.5	627.0	590.1	580.6
Logging camps and contractors.....	-	112.9	115.3	99.0	94.7	-	106.2	108.6	93.1	88.4
Sawmills and planing mills.....	-	333.4	330.4	324.4	323.7	-	305.3	302.2	297.3	296.8
Millwork, plywood, prefabricated structural wood products.....	-	146.7	147.0	133.6	131.4	-	124.9	125.4	112.4	110.5
Wooden containers.....	-	43.5	44.8	45.2	43.6	-	39.7	41.0	41.2	39.5
Miscellaneous wood products.....	-	57.4	56.9	52.9	52.3	-	50.4	49.8	46.1	45.4
FURNITURE AND FIXTURES	391.3	385.1	382.2	369.9	360.2	328.8	323.2	319.5	309.8	300.5
Household furniture.....	-	280.0	276.6	266.4	258.4	-	242.4	237.9	229.6	221.9
Office, public-building, and professional furniture.....	-	47.1	45.8	45.6	44.5	-	37.0	35.9	36.0	35.1
Partitions, shelving, lockers, and fixtures.....	-	33.2	35.5	35.0	34.8	-	24.4	26.8	26.5	26.2
Screens, blinds, and miscellaneous furniture and fixtures.....	-	24.8	24.3	22.9	22.5	-	19.4	18.9	17.7	17.3
STONE, CLAY, AND GLASS PRODUCTS	574.2	570.0	565.7	535.0	526.3	471.8	467.0	463.5	438.1	429.7
Flat glass.....	-	32.2	32.7	31.9	30.3	-	28.4	28.8	28.0	26.4
Glass and glassware, pressed or blown....	-	102.8	100.9	98.9	96.9	-	87.3	85.7	83.9	82.2
Glass products made of purchased glass....	-	18.0	17.9	16.7	16.0	-	15.0	14.8	13.7	13.1
Cement, hydraulic.....	-	43.6	43.5	43.1	42.6	-	36.3	36.0	35.7	35.3
Structural clay products.....	-	78.9	78.4	75.9	76.1	-	68.9	68.5	66.1	66.3
Pottery and related products.....	-	49.6	49.4	43.9	42.6	-	42.8	42.4	37.7	36.6
Concrete, gypsum, and plaster products...	-	126.5	123.5	116.3	115.4	-	102.0	99.9	94.0	93.0
Cut-stone and stone products.....	-	18.5	18.4	19.0	18.3	-	16.0	15.9	16.5	15.6
Misc. nonmetallic mineral products.....	-	99.9	101.0	89.3	88.1	-	70.3	71.5	62.5	61.2

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

Table B-2: Employees in nonagricultural establishments, by industry—Continued

Industry	(In thousands)									
	All employees					Production workers ¹				
	Sept. 1959	Aug. 1959	July 1959	Sept. 1958	Aug. 1958	Sept. 1959	Aug. 1959	July 1959	Sept. 1958	Aug. 1958
Durable Goods—Continued										
PRIMARY METAL INDUSTRIES.....	831.3	854.6	1,266.1	1,103.3	1,073.2	604.1	625.4	1,038.4	896.5	863.8
Blast furnaces, steel works, and rolling mills.....	-	240.8	630.8	540.7	525.4	-	131.1	521.2	444.9	428.0
Iron and steel foundries.....	-	226.9	230.1	194.1	185.8	-	194.1	197.7	164.8	155.9
Primary smelting and refining of nonferrous metals.....	-	55.6	56.9	53.4	53.8	-	42.9	44.5	40.8	41.1
Secondary smelting and refining of nonferrous metals.....	-	12.8	12.5	11.4	11.3	-	9.4	9.4	8.2	8.1
Rolling, drawing, and alloying of nonferrous metals.....	-	116.8	119.4	105.6	104.9	-	89.7	92.2	81.0	80.3
Nonferrous foundries.....	-	64.6	64.1	58.9	56.0	-	52.8	52.5	47.7	44.9
Miscellaneous primary metal industries..	-	137.1	152.3	139.2	136.0	-	105.4	120.9	109.1	105.5
FABRICATED METAL PRODUCTS.....	1,090.4	1,071.7	1,084.1	1,056.5	1,022.3	848.5	831.6	846.9	821.6	788.3
Tin cans and other tinware.....	-	64.7	62.8	62.3	63.2	-	56.6	55.0	54.4	55.3
Cutlery, hand tools, and hardware.....	-	134.6	132.4	131.5	124.5	-	106.2	104.4	103.6	96.6
Heating apparatus (except electric) and plumbers' supplies.....	-	120.6	116.6	112.5	110.1	-	93.0	89.2	86.5	84.1
Fabricated structural metal products....	-	291.6	303.1	308.8	307.1	-	209.1	221.5	224.8	223.8
Metal stamping, coating, and engraving..	-	220.4	228.0	217.1	202.2	-	177.8	186.0	175.6	160.9
Lighting fixtures.....	-	49.1	47.6	46.0	43.3	-	38.2	36.9	35.9	33.2
Fabricated wire products.....	-	55.3	56.0	53.0	51.4	-	44.1	44.9	42.3	40.7
Miscellaneous fabricated metal products..	-	135.4	137.6	125.3	120.5	-	106.6	109.0	98.5	93.7
MACHINERY (EXCEPT ELECTRICAL).....	1,639.7	1,628.1	1,633.9	1,466.4	1,436.9	1,152.5	1,141.2	1,149.4	1,007.0	976.8
Engines and turbines.....	-	104.7	104.1	92.3	90.2	-	66.2	66.4	58.6	56.8
Agricultural machinery and tractors.....	-	159.7	171.5	138.2	134.7	-	112.8	124.6	95.3	91.8
Construction and mining machinery.....	-	131.3	135.5	116.5	118.5	-	90.1	94.1	78.4	79.5
Metalworking machinery.....	-	241.1	239.3	210.8	205.6	-	177.3	175.5	150.5	145.6
Special-industry machinery (except metalworking machinery).....	-	167.3	165.9	155.4	155.1	-	116.7	114.9	105.3	104.5
General industrial machinery.....	-	228.5	226.2	212.6	211.6	-	145.1	143.1	132.0	130.3
Office and store machines and devices...	-	132.4	129.8	127.2	124.1	-	88.7	87.7	86.3	82.7
Service-industry and household machines.	-	185.6	186.3	165.2	158.5	-	138.0	138.3	120.1	113.3
Miscellaneous machinery parts.....	-	277.5	275.3	247.8	238.6	-	206.3	204.8	180.5	172.3
ELECTRICAL MACHINERY.....	1,296.6	1,259.6	1,241.6	1,133.1	1,104.6	878.1	848.7	835.9	762.2	734.0
Electrical generating, transmission, distribution, and industrial apparatus.	-	411.3	407.0	367.9	363.7	-	280.7	277.8	244.2	238.6
Electrical appliances.....	-	37.8	36.9	34.6	33.1	-	28.5	27.3	25.5	24.1
Insulated wire and cable.....	-	27.9	26.9	26.2	24.6	-	21.2	20.4	20.2	18.6
Electrical equipment for vehicles.....	-	61.3	68.6	63.8	58.4	-	45.7	52.9	49.2	44.3
Electric lamps.....	-	27.7	27.5	25.2	25.1	-	24.0	23.8	21.4	21.3
Communication equipment.....	-	643.9	625.8	569.4	554.6	-	442.0	397.9	368.4	354.9
Miscellaneous electrical products.....	-	49.7	48.9	46.0	45.1	-	36.6	35.8	33.3	32.2
TRANSPORTATION EQUIPMENT.....	1,688.7	1,622.1	1,692.8	1,572.2	1,500.3	1,200.7	1,136.6	1,207.4	1,100.1	1,033.6
Motor vehicles and equipment.....	-	677.3	744.3	613.0	548.9	-	519.4	586.3	462.9	402.2
Aircraft and parts.....	-	735.2	735.6	763.7	755.2	-	448.0	448.6	480.4	474.1
Aircraft.....	-	435.3	433.4	460.9	458.9	-	266.8	264.8	291.7	291.4
Aircraft engines and parts.....	-	144.5	146.8	153.9	150.9	-	84.1	86.4	90.9	87.7
Aircraft propellers and parts.....	-	14.0	14.3	17.0	17.2	-	8.9	9.2	11.0	11.1
Other aircraft parts and equipment.....	-	141.4	141.1	131.9	128.2	-	88.2	88.2	86.8	83.9
Ship and boat building and repairing....	-	141.2	144.6	140.9	141.1	-	117.0	120.5	118.0	118.1
Ship building and repairing.....	-	121.8	123.3	124.6	125.3	-	100.6	102.3	104.4	105.0
Boat building and repairing.....	-	19.4	21.3	16.3	15.8	-	16.4	18.2	13.6	13.1
Railroad equipment.....	-	57.7	57.7	44.5	45.3	-	43.2	43.2	30.5	31.2
Other transportation equipment.....	-	10.7	10.6	10.1	9.8	-	9.0	8.8	8.3	8.0
INSTRUMENTS AND RELATED PRODUCTS.....	347.2	343.3	339.2	313.0	309.1	227.8	223.5	220.8	204.9	199.2
Laboratory, scientific, and engineering instruments.....	-	65.2	65.3	57.8	57.5	-	34.5	35.5	31.6	30.8
Mechanical measuring and controlling instruments.....	-	95.6	94.3	83.6	81.1	-	64.0	62.9	56.0	53.4
Optical instruments and lenses.....	-	15.9	15.3	14.4	13.8	-	10.8	10.3	9.5	9.1
Surgical, medical, and dental instruments.....	-	42.8	42.0	41.2	41.0	-	28.5	27.7	27.0	26.6
Ophthalmic goods.....	-	26.0	25.6	22.0	23.1	-	20.5	20.1	17.9	17.9
Photographic apparatus.....	-	65.9	65.7	64.8	64.8	-	39.7	39.5	39.2	38.9
Watches and clocks.....	-	31.9	31.0	29.2	27.8	-	25.5	24.8	23.7	22.5

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

Table B-2: Employees in nonagricultural establishments, by industry—Continued

Industry	(In thousands)					Production workers ¹				
	All employees									
	Sept. 1959	Aug. 1959	July 1959	Sept. 1958	Aug. 1958	Sept. 1959	Aug. 1959	July 1959	Sept. 1958	Aug. 1958
<i>Durable Goods—Continued</i>										
MISCELLANEOUS MANUFACTURING INDUSTRIES...	516.7	501.9	480.7	478.6	463.7	444.2	400.9	380.2	380.0	365.6
Jewelry, silverware, and plated ware....	-	45.7	44.3	45.3	43.1	-	36.2	34.5	35.6	33.5
Musical instruments and parts.....	-	18.9	15.5	16.7	15.9	-	15.7	12.3	13.7	13.0
Toys and sporting goods.....	-	94.2	86.1	92.9	89.7	-	80.4	72.6	79.0	75.5
Pens, pencils, other office supplies....	-	31.7	31.1	29.6	29.8	-	23.6	22.9	21.6	21.6
Costume jewelry, buttons, notions.....	-	62.9	59.4	61.0	59.6	-	50.7	47.7	49.1	47.9
Fabricated plastics products.....	-	93.5	91.5	85.9	82.8	-	73.2	71.6	66.7	64.0
Other manufacturing industries.....	-	155.0	152.8	147.2	142.8	-	121.1	118.6	114.3	110.1
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS.....	1,609.2	1,622.1	1,516.0	1,623.2	1,621.4	1,155.8	1,168.9	1,061.7	1,178.4	1,172.0
Meat products.....	-	310.8	306.3	312.7	310.0	-	248.9	245.2	249.0	246.0
Dairy products.....	-	102.8	104.3	101.3	105.7	-	70.5	72.0	67.9	71.5
Canning and preserving.....	-	345.4	253.7	347.0	342.0	-	310.2	218.6	311.8	306.9
Grain-mill products.....	-	115.4	114.9	117.0	117.0	-	79.9	78.9	82.5	82.4
Bakery products.....	-	289.0	286.8	285.4	286.0	-	165.1	162.5	165.8	166.3
Sugar.....	-	27.8	26.2	28.9	26.8	-	22.2	20.5	23.4	21.4
Confectionery and related products.....	-	73.7	68.3	80.3	75.5	-	59.5	54.2	66.5	61.5
Beverages.....	-	217.1	217.9	211.0	216.6	-	115.6	115.8	115.2	117.7
Miscellaneous food products.....	-	140.1	137.6	139.6	141.8	-	97.0	94.0	96.3	98.3
TOBACCO MANUFACTURES.....	109.4	100.2	77.3	106.8	96.3	99.5	90.2	67.2	96.1	85.5
Cigarettes.....	-	38.0	35.7	36.9	36.9	-	33.0	30.5	32.0	32.0
Cigars.....	-	26.8	25.7	28.7	28.6	-	25.2	24.1	27.0	26.9
Tobacco and snuff.....	-	6.8	6.8	6.5	6.5	-	5.7	5.7	5.5	5.4
Tobacco stemming and redrying.....	-	28.6	9.1	34.7	24.3	-	26.3	6.9	31.6	21.2
TEXTILE-MILL PRODUCTS.....	982.6	980.1	964.7	951.4	946.4	890.1	886.8	872.1	859.9	855.2
Scouring and combing plants.....	-	5.8	5.8	5.3	5.6	-	5.3	5.2	4.8	5.1
Yarn and thread mills.....	-	111.7	111.2	109.0	108.3	-	103.1	102.7	100.6	99.9
Broad-woven fabric mills.....	-	399.9	395.7	399.2	398.1	-	371.7	367.7	371.1	370.1
Narrow fabrics and smallwares.....	-	29.8	29.8	28.2	27.6	-	26.2	26.1	24.5	23.9
Knitting mills.....	-	230.9	221.3	216.2	215.3	-	209.8	200.7	196.0	195.0
Dyeing and finishing textiles.....	-	88.8	88.4	84.8	84.9	-	76.8	76.4	73.4	73.8
Carpets, rugs, other floor coverings....	-	45.3	45.6	44.6	43.3	-	37.7	38.0	36.7	35.3
Hats (except cloth and millinery).....	-	10.3	9.8	9.9	10.4	-	9.1	8.7	8.6	9.0
Miscellaneous textile goods.....	-	57.6	57.1	54.2	52.9	-	47.1	46.6	44.2	43.1
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....	1,233.9	1,232.1	1,178.6	1,164.3	1,172.1	1,098.6	1,100.6	1,047.5	1,055.3	1,044.3
Men's and boys' suits and coats.....	-	113.0	104.6	109.7	107.2	-	101.2	93.1	97.4	95.0
Men's and boys' furnishings and work clothing.....	-	348.7	339.0	317.7	314.5	-	318.6	309.0	289.6	287.0
Women's outerwear.....	-	347.7	330.5	343.5	348.9	-	310.6	293.3	306.7	312.2
Women's, children's under garments.....	-	119.2	112.7	115.1	112.6	-	106.5	100.0	103.3	100.9
Millinery.....	-	20.3	18.6	21.1	20.4	-	18.1	16.4	18.7	18.4
Children's outerwear.....	-	76.5	74.5	74.8	76.0	-	68.1	66.0	66.3	67.4
Fur goods.....	-	8.6	10.0	11.9	10.7	-	6.5	7.8	9.4	8.2
Miscellaneous apparel and accessories....	-	63.1	57.7	59.5	58.3	-	57.2	51.8	53.8	52.7
Other fabricated textile products.....	-	135.0	131.0	131.0	123.5	-	113.8	110.1	110.1	102.5
PAPER AND ALLIED PRODUCTS.....	570.7	564.7	561.3	554.5	550.2	458.6	452.6	449.0	447.0	441.7
Pulp, paper, and paperboard mills.....	-	277.2	276.9	271.7	272.3	-	225.9	225.9	222.5	222.7
Paperboard containers and boxes.....	-	154.5	151.7	153.2	149.9	-	123.8	120.8	124.0	120.0
Other paper and allied products.....	-	133.0	132.7	129.6	128.0	-	102.9	102.3	100.5	99.0
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.....	879.1	870.1	864.8	854.8	847.8	566.2	557.7	552.1	547.6	541.7
Newspapers.....	-	324.8	323.6	316.1	315.7	-	161.7	159.9	157.1	156.3
Periodicals.....	-	61.8	60.9	62.4	60.0	-	26.0	25.3	26.1	24.7
Books.....	-	58.5	57.1	55.4	54.8	-	36.0	34.4	33.8	33.3
Commercial printing.....	-	223.0	222.9	220.7	218.1	-	178.6	178.8	177.5	175.1
Lithographing.....	-	66.3	65.6	65.6	65.2	-	50.2	49.7	49.6	49.4
Greeting cards.....	-	21.4	20.9	21.7	21.1	-	15.7	15.3	15.8	15.4
Bookbinding and related industries.....	-	47.0	45.8	45.4	45.4	-	37.1	36.0	35.9	35.7
Miscellaneous publishing and printing services.....	-	67.3	68.0	67.5	67.5	-	52.4	52.7	51.8	51.8

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

Table B-2: Employees in nonagricultural establishments, by industry—Continued

Industry	(In thousands)					Production workers ¹				
	All employees									
	Sept. 1959	Aug. 1959	July 1959	Sept. 1958	Aug. 1958	Sept. 1959	Aug. 1959	July 1959	Sept. 1958	Aug. 1958
Nondurable Goods—Continued										
CHEMICALS AND ALLIED PRODUCTS.....	857.2	854.1	847.8	821.4	816.0	536.7	533.6	526.6	510.9	504.1
Industrial inorganic chemicals.....	-	104.0	103.6	100.7	101.0	-	69.2	68.9	66.0	66.0
Industrial organic chemicals.....	-	332.9	330.2	311.1	310.4	-	209.6	205.7	191.4	190.0
Drugs and medicines.....	-	105.0	104.8	103.2	103.9	-	57.5	57.2	57.2	57.5
Soap, cleaning and polishing preparations.....	-	51.6	51.0	51.1	50.0	-	30.5	30.2	31.5	30.4
Paints, pigments, and fillers.....	-	76.5	76.2	74.0	74.4	-	45.9	45.6	44.6	45.0
Gum and wood chemicals.....	-	7.7	7.8	7.8	7.8	-	6.3	6.4	6.4	6.4
Fertilizers.....	-	32.4	31.6	32.9	30.9	-	22.5	21.7	23.4	21.4
Vegetable and animal oils and fats....	-	38.1	37.3	38.9	36.0	-	25.1	24.4	26.5	23.9
Miscellaneous chemicals.....	-	105.9	105.3	101.7	101.6	-	67.0	66.5	63.9	63.5
PRODUCTS OF PETROLEUM AND COAL.....	230.0	231.1	237.5	238.7	239.2	150.3	150.8	158.2	157.5	157.4
Petroleum refining.....	-	183.8	189.3	191.5	192.9	-	114.1	120.4	120.4	121.3
Coke, other petroleum and coal products.....	-	47.3	48.2	47.2	46.3	-	36.7	37.8	37.1	36.1
RUBBER PRODUCTS.....	268.6	265.0	264.0	245.3	238.9	208.0	204.3	203.4	187.5	181.2
Tires and inner tubes.....	-	105.5	106.7	99.7	98.1	-	78.7	79.7	74.1	72.5
Rubber footwear.....	-	22.7	22.5	21.1	20.6	-	18.4	18.3	16.8	16.4
Other rubber products.....	-	136.8	134.8	124.5	120.2	-	107.2	105.4	96.6	92.3
LEATHER AND LEATHER PRODUCTS.....	376.6	379.2	375.1	360.3	362.5	337.1	339.4	334.6	321.0	323.2
Leather: tanned, curried, and finished.	-	37.1	36.9	37.8	37.3	-	32.8	32.4	33.6	33.1
Industrial leather belting and packing.	-	5.2	5.0	4.1	3.9	-	4.1	3.9	3.2	2.9
Boot and shoe cut stock and findings..	-	19.5	19.6	17.6	18.4	-	17.5	17.6	15.7	16.5
Footwear (except rubber).....	-	253.3	252.2	237.1	240.6	-	228.9	227.3	212.9	216.8
Luggage.....	-	16.0	15.5	15.8	15.8	-	13.7	13.2	13.2	13.1
Handbags and small leather goods.....	-	31.7	30.2	32.7	31.4	-	27.9	26.3	29.0	27.5
Gloves and miscellaneous leather goods.	-	16.4	15.7	15.2	15.1	-	14.5	13.9	13.4	13.3
TRANSPORTATION AND PUBLIC UTILITIES.....	3,907	3,922	3,949	3,886	3,897	-	-	-	-	-
TRANSPORTATION.....	2,557	2,562	2,589	2,523	2,520	-	-	-	-	-
Interstate railroads.....	-	927.2	960.4	959.8	965.1	-	-	-	-	-
Class I railroads.....	-	819.6	846.2	839.9	844.4	-	-	-	-	-
Local railways and bus lines.....	-	91.9	92.3	94.7	95.1	-	-	-	-	-
Trucking and warehousing.....	-	855.6	855.7	781.3	787.0	-	-	-	-	-
Other transportation and services.....	-	687.4	680.1	686.9	672.4	-	-	-	-	-
Bus lines, except local.....	-	42.2	42.3	42.5	43.2	-	-	-	-	-
Air transportation (common carrier)...	-	148.1	146.6	141.3	142.0	-	-	-	-	-
Pipe-line transportation (except natural gas).....	-	25.6	25.9	25.8	26.4	-	-	-	-	-
COMMUNICATION.....	744	749	750	757	764	-	-	-	-	-
Telephone.....	-	711.2	711.7	718.8	725.6	-	-	-	-	-
Telegraph.....	-	36.8	37.2	37.7	37.8	-	-	-	-	-
OTHER PUBLIC UTILITIES.....	606	611	610	606	613	-	545	544	540	547
Gas and electric utilities.....	-	586.5	585.7	582.7	589.1	-	523.9	522.6	519.7	525.8
Electric light and power utilities....	-	260.4	259.4	259.4	261.9	-	227.3	226.2	223.9	226.3
Gas utilities.....	-	156.5	156.3	153.4	155.6	-	140.7	140.7	139.0	141.1
Electric light and gas utilities combined.....	-	169.6	170.0	169.9	171.6	-	155.9	155.7	156.8	158.4
Local utilities, not elsewhere classified.....	-	24.0	23.9	23.1	23.5	-	21.4	21.3	20.6	21.0
WHOLESALE AND RETAIL TRADE.....	11,480	11,353	11,324	11,151	11,011	-	-	-	-	-
WHOLESALE TRADE.....	3,081	3,074	3,069	3,016	2,994	-	2,650	2,646	2,625	2,601
Wholesalers, full-service and limited-function.....	-	1,832.8	1,820.6	1,762.7	1,744.6	-	1,599.3	1,589.4	1,546.3	1,526.3
Automotive.....	-	139.3	137.3	127.8	127.6	-	121.2	119.6	111.3	111.0
Groceries, food specialties, beer, wines, and liquors.....	-	304.9	305.5	306.1	299.0	-	272.6	273.1	275.5	268.2
Electrical goods, machinery, hardware, and plumbing equipment.....	-	453.6	452.0	437.4	437.0	-	392.8	391.4	380.1	379.8
Other full-service and limited-function wholesalers.....	-	935.0	925.8	891.4	881.0	-	812.7	805.3	779.4	767.3
Wholesale distributors, other.....	-	1,241.1	1,248.6	1,253.2	1,249.7	-	1,050.5	1,056.1	1,078.3	1,074.4

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

Table B-2: Employees in nonagricultural establishments, by industry—Continued

Industry	(In thousands)					Production workers ¹				
	All employees									
	Sept. 1959	Aug. 1959	July 1959	Sept. 1958	Aug. 1958	Sept. 1959	Aug. 1959	July 1959	Sept. 1958	Aug. 1958
WHOLESALE AND RETAIL TRADE—Continued										
RETAIL TRADE.....	8,399	8,279	8,255	8,135	8,017	-	-	-	-	-
General merchandise stores.....	1,469.0	1,402.6	1,396.7	1,420.8	1,350.9	-	1,304.2	1,301.5	1,322.9	1,252.8
Department stores and general mail-order houses.....	-	901.1	898.7	908.1	870.8	-	830.8	830.4	840.0	802.0
Other general merchandise stores.....	-	501.5	498.0	512.7	480.1	-	473.4	471.1	482.9	450.8
Food and liquor stores.....	1,621.0	1,607.9	1,600.3	1,595.5	1,582.1	-	1,482.8	1,468.4	1,479.8	1,468.2
Grocery, meat, and vegetable markets...	-	1,165.9	1,158.4	1,146.7	1,130.6	-	1,094.8	1,080.8	1,076.8	1,060.5
Dairy-product stores and dealers.....	-	229.8	231.0	230.2	234.3	-	197.9	199.5	202.1	207.1
Other food and liquor stores.....	-	212.2	210.9	218.6	217.2	-	190.1	188.1	200.9	200.6
Automotive and accessories dealers.....	802.2	800.1	798.9	755.0	756.6	-	708.4	708.6	667.2	670.1
Apparel and accessories stores.....	611.0	569.3	572.1	590.4	546.7	-	517.9	521.0	540.7	496.8
Other retail trade ²	3,895.6	3,898.8	3,887.0	3,773.6	3,780.9	-	2,127.9	2,110.9	2,070.5	2,065.4
Furniture and appliance stores.....	-	391.8	389.5	388.5	385.1	-	354.9	352.1	352.0	349.3
Drug stores.....	-	385.8	384.4	355.2	353.2	-	364.5	363.3	337.0	334.5
FINANCE, INSURANCE, AND REAL ESTATE.....	2,450	2,472	2,475	2,392	2,413	-	-	-	-	-
Banks and trust companies.....	-	651.2	649.8	616.4	621.9	-	-	-	-	-
Security dealers and exchanges.....	-	98.0	97.4	84.8	85.6	-	-	-	-	-
Insurance carriers and agents.....	-	915.5	914.1	900.3	906.1	-	-	-	-	-
Other finance agencies and real estate..	-	806.8	813.4	790.8	799.2	-	-	-	-	-
SERVICE AND MISCELLANEOUS.....	6,597	6,589	6,603	6,472	6,452	-	-	-	-	-
Hotels and lodging places.....	-	604.0	602.6	526.6	608.3	-	-	-	-	-
Personal services:	-	-	-	-	-	-	-	-	-	-
Laundries.....	-	315.7	317.5	311.6	314.3	-	-	-	-	-
Cleaning and dyeing plants.....	-	165.6	169.3	166.5	163.1	-	-	-	-	-
Motion pictures.....	-	196.1	192.9	195.3	195.6	-	-	-	-	-
GOVERNMENT.....	8,107	7,812	7,837	7,943	7,678	-	-	-	-	-
FEDERAL³.....	2,179	2,191	2,190	2,174	2,192	-	-	-	-	-
Executive.....	-	2,163.3	2,162.0	2,146.8	2,164.6	-	-	-	-	-
Department of Defense.....	-	949.6	949.6	962.5	967.6	-	-	-	-	-
Post Office Department.....	-	551.3	549.4	539.0	541.6	-	-	-	-	-
Other agencies.....	-	662.4	663.0	645.3	655.4	-	-	-	-	-
Legislative.....	-	22.7	22.7	22.2	22.2	-	-	-	-	-
Judicial.....	-	4.8	4.8	4.7	4.7	-	-	-	-	-
STATE AND LOCAL.....	5,928	5,621	5,647	5,769	5,486	-	-	-	-	-
State.....	-	1,474.1	1,480.1	1,476.3	1,443.9	-	-	-	-	-
Local.....	-	4,146.5	4,166.7	4,292.7	4,041.9	-	-	-	-	-
Education.....	-	2,318.3	2,335.5	2,573.9	2,230.2	-	-	-	-	-
Other.....	-	3,302.3	3,311.3	3,195.1	3,255.6	-	-	-	-	-

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.

²Data for nonsupervisory workers exclude eating and drinking places.

³Data are prepared by the U.S. Civil Service Commission and relate to civilian employment only.

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

Table B-3: Federal military personnel

Branch ¹	(In thousands)			Branch ¹			
	Aug. 1959	July 1959	Aug. 1958		Aug. 1959	July 1959	Aug. 1958
TOTAL.....	2,533	2,537	2,636	Navy.....	629.7	629.2	647.3
Army.....	861.3	863.2	897.5	Marine Corps.....	174.6	174.8	191.0
Air Force.....	836.1	838.7	868.9	Coast Guard.....	30.8	30.6	30.8

¹Data refer to forces both in continental United States and abroad.

NOTE: Data for the current month are preliminary.

SOURCE: U.S. Department of Defense and U.S. Department of Treasury.

Table B-4: Employees in nonagricultural establishments.
by industry division and selected groups, seasonally adjusted

(In thousands)

Industry division and group	All employees			Production workers		
	Sept. 1959	Aug. 1959	July 1959	Sept. 1959	Aug. 1959	July 1959
Total.....	51,999	52,011	52,558	-	-	-
Mining.....	604	627	714	-	-	-
Contract construction.....	2,759	2,809	2,800	-	-	-
Manufacturing.....	16,093	16,039	16,580	12,098	12,065	12,612
Durable goods.....	9,193	9,110	9,635	6,808	6,736	7,275
Nondurable goods.....	6,900	6,929	6,945	5,290	5,329	5,337
<i>Durable Goods</i>						
Ordnance and accessories.....	145	143	142	74	72	72
Lumber and wood products.....	661	669	681	595	603	615
Furniture and fixtures.....	389	390	395	327	328	333
Stone, clay, and glass products.....	567	564	570	465	462	469
Primary metal industries.....	831	858	1,276	604	628	1,048
Fabricated metal products.....	1,090	1,080	1,110	849	840	873
Machinery (except electrical).....	1,670	1,657	1,651	1,183	1,170	1,166
Electrical machinery.....	1,297	1,277	1,272	878	866	866
Transportation equipment.....	1,689	1,622	1,693	1,201	1,137	1,207
Instruments and related products.....	347	346	344	228	227	226
Miscellaneous manufacturing industries.....	507	504	501	404	403	400
<i>Nondurable Goods</i>						
Food and kindred products.....	1,440	1,473	1,456	993	1,030	1,012
Tobacco manufactures.....	92	91	87	83	81	77
Textile-mill products.....	987	989	992	894	896	899
Apparel and other finished textile products.....	1,212	1,210	1,231	1,077	1,079	1,097
Paper and allied products.....	562	563	566	450	451	454
Printing, publishing, and allied industries.....	879	876	871	566	564	558
Chemicals and allied products.....	854	860	859	534	542	538
Products of petroleum and coal.....	229	228	235	149	148	155
Rubber products.....	268	267	270	207	206	209
Leather and leather products.....	377	372	378	337	332	338
Transportation and public utilities.....	3,879	3,893	3,920	-	-	-
Transportation.....	2,532	2,549	2,576	-	-	-
Communication.....	744	742	743	-	-	-
Other public utilities.....	603	602	601	-	-	-
Wholesale and retail trade.....	11,480	11,522	11,465	-	-	-
Wholesale trade.....	3,081	3,074	3,084	-	-	-
Retail trade.....	8,399	8,448	8,381	-	-	-
Finance, insurance, and real estate.....	2,450	2,435	2,426	-	-	-
Service and miscellaneous.....	6,564	6,556	6,570	-	-	-
Government.....	8,170	8,130	8,083	-	-	-
Federal.....	2,212	2,213	2,201	-	-	-
State and local.....	5,958	5,917	5,882	-	-	-

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

Table B-5: Employees in private and Government shipyards, by region

(In thousands)

Region ¹	August 1959			July 1959			August 1958		
	Total	Private	Navy	Total	Private	Navy	Total	Private	Navy
ALL REGIONS.....	215.4	121.8	93.6	216.8	123.3	93.5	220.8	125.3	95.5
North Atlantic ²	98.7	57.5	41.2	100.8	59.7	41.1	99.6	56.6	43.0
South Atlantic.....	37.5	18.9	18.6	36.5	17.9	18.6	35.7	17.1	18.6
Gulf.....	22.7	-	-	22.7	22.7	-	27.8	27.8	-
Pacific.....	48.5	14.7	33.8	48.9	15.1	33.8	50.3	16.4	33.9
Great Lakes.....	4.0	4.0	-	3.8	3.8	-	3.4	3.4	-
Inland.....	4.0	4.0	-	4.1	4.1	-	4.0	4.0	-

¹The North Atlantic region includes all yards bordering on the Atlantic in Conn., Del., Maine, Md., Mass., N.H., N.J., N.Y., Pa., R.I., Vt. The South Atlantic region includes all yards bordering on the Atlantic in Fla., Ga., N.C., S.C., Va. The Gulf region includes all yards bordering on the Gulf of Mexico in Ala., Fla., La., Miss., Tex. The Pacific region includes all yards in Calif., Oreg., Wash. The Great Lakes region includes all yards bordering on the Great Lakes in Ill., Mich., Minn., N.Y., Ohio, Pa., Wis. The Inland region includes all other yards.

²Navy data include Curtis Bay Coast Guard Yard.

NOTE: Data for the current month are preliminary.

Table B-7: Employees in nonagricultural establishments, by industry division and State

State	(In thousands)								
	TOTAL			Mining			Contract construction		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
Alabama.....	708.3	730.9	712.4	9.5	12.3	12.0	40.7	41.4	41.3
Arizona.....	293.3	284.2	277.9	14.2	15.3	15.8	27.4	17.2	28.1
Arkansas.....	349.7	346.4	342.9	6.8	6.8	6.3	19.6	19.0	22.7
California.....	4,745.3	4,691.4	4,547.6	33.8	33.6	34.1	305.4	299.8	294.5
Colorado.....	483.4	485.4	473.8	14.4	14.1	14.0	38.2	38.4	38.1
Connecticut.....	883.8	882.8	851.7	(1)	(1)	(1)	50.1	49.4	52.5
Delaware.....	149.8	153.5	149.1	(2)	(2)	(2)	12.7	12.4	12.7
District of Columbia.....	515.1	513.9	502.7	(2)	(2)	(2)	22.4	22.1	21.0
Florida.....	1,213.8	1,209.9	1,136.6	8.1	7.6	8.0	140.0	138.0	130.0
Georgia.....	1,003.3	996.7	971.1	5.6	5.7	5.4	62.9	63.4	61.8
Idaho ³	162.0	159.8	160.4	3.4	3.4	3.9	12.8	12.4	13.0
Illinois.....	(1)	3,426.0	3,329.5	(1)	29.7	30.7	(1)	185.7	180.3
Indiana.....	1,333.1	1,394.1	1,323.5	10.6	10.6	10.0	67.0	67.7	73.3
Iowa ³	673.7	671.5	645.6	3.2	3.1	4.2	44.7	44.9	40.8
Kansas ³	557.6	559.4	542.7	18.6	18.7	18.7	39.6	39.4	40.5
Kentucky.....	621.2	626.8	620.7	27.9	27.1	36.5	38.7	40.0	37.0
Louisiana.....	755.6	757.2	762.0	44.2	44.8	44.7	60.7	61.6	64.6
Maine.....	282.7	279.6	277.1	.4	.5	.4	15.8	15.2	15.0
Maryland.....	856.7	870.4	862.4	2.6	2.6	2.6	67.9	66.7	66.6
Massachusetts.....	1,838.8	1,827.7	1,813.9	(2)	(2)	(2)	83.4	82.0	85.2
Michigan.....	2,191.2	2,252.5	2,108.2	11.5	16.2	14.6	111.5	113.2	106.6
Minnesota.....	919.0	932.7	912.9	6.3	21.0	18.4	68.6	66.3	63.5
Mississippi.....	385.5	383.2	374.5	5.8	5.8	5.5	26.2	25.5	25.2
Missouri.....	1,286.3	1,287.6	1,268.9	8.2	8.3	8.0	70.2	69.2	69.4
Montana.....	168.3	167.1	167.0	9.2	9.3	8.4	14.4	14.8	13.7
Nebraska.....	365.2	366.0	356.1	2.9	2.9	2.8	26.0	26.1	23.1
Nevada ³	98.1	98.1	94.1	3.2	3.2	3.0	6.3	6.3	6.9
New Hampshire.....	(4)	193.1	187.3	(4)	.3	.3	(4)	10.5	10.5
New Jersey.....	1,946.0	1,931.5	1,899.3	3.7	3.6	3.7	104.7	98.2	97.3
New Mexico ³	231.5	233.5	222.5	20.0	20.3	18.0	20.3	21.4	22.3
New York.....	5,972.6	5,949.2	5,939.3	9.3	9.7	9.8	280.6	267.1	270.5
North Carolina.....	1,118.9	1,094.9	1,081.1	3.0	2.8	3.1	58.9	57.6	61.7
North Dakota ³	129.5	129.2	125.3	2.4	2.3	2.4	15.4	15.3	14.2
Ohio.....	2,996.8	3,083.3	2,924.8	21.2	21.2	20.2	169.3	166.2	161.5
Oklahoma.....	554.4	555.6	551.4	51.2	52.1	48.2	34.8	35.2	35.2
Oregon.....	515.3	505.8	492.4	1.6	1.4	1.6	30.3	28.2	25.6
Pennsylvania.....	3,476.9	3,663.3	3,581.6	55.5	69.0	70.0	183.3	187.0	189.8
Rhode Island.....	282.3	282.1	275.2	(2)	(2)	(2)	20.0	20.5	20.0
South Carolina.....	537.6	530.8	525.0	1.6	1.6	1.6	32.0	29.8	30.2
South Dakota ³	139.5	139.2	135.5	2.6	2.6	2.7	12.0	11.6	11.3
Tennessee.....	872.3	869.7	852.9	7.7	7.8	8.0	48.6	47.6	46.5
Texas.....	2,455.3	2,455.2	2,404.3	126.6	126.8	126.7	180.8	180.4	163.9
Utah.....	255.7	261.9	246.8	13.1	14.8	13.6	19.5	18.8	17.7
Vermont.....	113.7	112.8	109.8	1.4	1.3	1.3	8.0	7.7	7.8
Virginia.....	989.3	983.6	954.1	18.0	17.6	17.8	76.1	75.0	70.5
Washington.....	804.4	806.5	796.4	1.6	1.7	1.5	50.8	50.5	49.4
West Virginia.....	454.9	462.5	463.6	59.1	63.7	67.8	26.2	25.4	25.6
Wisconsin.....	1,151.9	1,155.9	1,099.7	3.2	4.0	3.9	62.3	61.5	58.9
Wyoming ³	96.8	95.6	96.9	9.7	9.7	9.1	10.2	10.1	10.1

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

Table B-7: Employees in nonagricultural establishments, by industry division and State-Continued

State	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
Alabama.....	220.6	238.4	230.5	47.8	47.9	48.0	141.7	141.2	138.0
Arizona.....	44.5	45.1	40.2	23.8	23.5	22.6	72.1	71.8	67.2
Arkansas.....	99.3	98.1	91.0	28.8	28.7	28.2	77.7	77.4	76.4
California.....	1,344.7	1,310.9	1,271.5	354.6	355.6	353.5	1,023.7	1,016.0	986.1
Colorado.....	77.5	80.9	77.3	45.6	44.9	45.6	115.6	119.0	113.9
Connecticut.....	393.2	392.0	368.8	46.2	45.9	45.9	152.1	153.6	148.5
Delaware.....	57.1	60.6	57.5	10.9	11.2	10.7	28.3	28.1	27.9
District of Columbia.....	20.7	20.3	19.5	29.0	29.0	28.7	82.6	82.9	83.0
Florida.....	186.3	184.9	170.2	97.5	97.2	93.9	332.0	332.9	312.1
Georgia.....	331.4	330.9	318.4	71.3	70.9	70.1	220.8	215.3	211.7
Idaho ³	31.8	31.4	30.9	15.7	15.5	15.5	35.3	36.7	38.2
Illinois.....	(4)	1,216.8	1,155.6	(4)	288.8	285.2	(4)	716.5	699.4
Indiana.....	543.7	602.6	537.9	93.9	94.6	92.6	260.7	267.2	266.5
Iowa ³	184.5	181.7	166.0	55.8	55.9	55.5	166.2	166.7	163.5
Kansas ³	120.7	121.1	116.7	57.5	57.8	56.0	129.1	129.8	124.6
Kentucky.....	165.8	160.6	160.6	53.8	54.6	54.2	133.1	133.3	133.5
Louisiana.....	143.9	144.2	143.6	81.3	81.3	83.1	175.7	175.1	177.3
Maine.....	109.1	107.9	105.8	19.0	18.8	19.5	54.6	53.9	54.0
Maryland.....	242.1	261.2	264.0	70.9	72.3	72.0	161.3	182.3	176.6
Massachusetts.....	683.9	671.5	658.0	104.6	104.3	109.3	367.6	370.0	370.5
Michigan.....	910.8	961.3	812.9	139.8	141.4	137.5	417.5	415.5	423.1
Minnesota.....	233.1	232.7	224.3	81.1	85.4	86.8	228.2	226.3	225.0
Mississippi.....	120.5	119.1	116.3	25.3	25.1	25.3	81.3	81.0	79.6
Missouri.....	383.6	386.0	372.2	120.3	121.3	120.6	303.5	301.0	300.8
Montana.....	20.8	20.8	21.4	20.5	20.5	19.5	39.4	39.2	39.6
Nebraska.....	66.4	65.6	61.2	38.3	38.6	38.6	90.8	90.6	89.0
Nevada ³	5.6	5.6	5.3	9.5	9.5	9.0	20.8	20.7	19.6
New Hampshire.....	(4)	85.7	80.7	(4)	10.3	10.3	(4)	33.2	32.5
New Jersey.....	788.2	777.6	764.2	149.2	150.0	149.2	354.4	355.8	353.5
New Mexico ³	17.1	18.3	16.4	20.8	20.8	20.0	49.8	49.4	47.4
New York.....	1,858.7	1,836.5	1,836.4	486.7	487.0	491.9	1,205.1	1,201.2	1,200.0
North Carolina.....	495.3	475.7	469.2	64.6	63.9	62.0	207.4	205.3	201.5
North Dakota ³	6.7	6.7	7.0	13.4	13.3	13.0	37.9	37.7	36.9
Ohio.....	1,199.1	1,278.8	1,157.5	205.7	211.8	205.0	585.2	587.2	577.0
Oklahoma.....	85.7	85.4	84.2	46.9	46.9	46.3	126.6	127.2	128.2
Oregon.....	159.9	154.8	151.4	46.1	46.2	45.8	110.2	109.0	105.9
Pennsylvania.....	1,288.2	1,441.8	1,379.0	273.0	280.5	282.5	684.4	686.6	677.0
Rhode Island.....	115.9	114.5	110.2	13.6	13.7	14.2	50.7	50.8	50.5
South Carolina.....	231.8	228.5	224.6	25.6	25.6	25.8	96.9	96.2	94.2
South Dakota ³	13.7	13.7	12.8	10.6	10.7	10.3	38.4	38.3	37.6
Tennessee.....	303.0	301.0	287.9	55.5	55.1	56.7	189.6	188.5	186.8
Texas.....	484.1	487.1	476.3	226.6	226.7	226.2	623.2	619.3	613.8
Utah.....	42.1	46.8	41.0	22.7	23.2	23.3	57.7	57.3	55.7
Vermont.....	36.7	36.2	33.5	7.7	7.7	7.9	21.0	20.8	20.8
Virginia.....	269.4	264.8	257.4	84.5	85.2	85.1	206.8	207.1	199.9
Washington.....	228.0	231.3	228.2	62.7	63.0	58.0	173.8	172.2	175.2
West Virginia.....	126.4	128.3	122.2	45.0	46.2	46.3	82.1	82.6	83.1
Wisconsin.....	474.5	475.4	432.1	76.2	76.6	74.8	224.7	225.6	222.2
Wyoming ³	7.3	7.3	7.2	13.0	12.8	13.0	20.6	20.2	21.6

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

Table B-7: Employees in nonagricultural establishments, by industry division and State—Continued

State	Finance, insurance, and real estate			Service and miscellaneous			Government		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
Alabama.....	28.9	29.7	28.4	71.0	71.5	70.1	146.1	148.5	144.1
Arizona.....	13.1	13.1	12.2	38.7	38.6	35.0	59.5	59.6	56.8
Arkansas.....	11.7	11.6	11.5	38.5	38.6	39.3	67.3	66.2	67.5
California.....	231.5	230.9	220.5	625.9	621.2	599.8	825.7	823.4	787.6
Colorado.....	23.7	23.9	22.7	63.5	63.6	63.1	100.9	100.6	99.1
Connecticut.....	52.4	52.2	51.1	100.2	100.4	97.6	89.5	89.3	87.5
Delaware.....	5.9	5.8	5.6	16.6	17.2	16.3	18.3	18.2	18.0
District of Columbia ⁵	25.6	25.6	25.2	75.6	75.1	72.4	259.2	258.9	252.9
Florida.....	71.5	71.9	66.1	180.6	181.5	170.0	197.8	195.9	186.3
Georgia.....	41.8	41.8	40.2	93.7	93.3	92.6	175.8	175.4	170.9
Idaho ³	5.3	5.3	5.2	18.6	18.0	19.1	35.1	35.1	34.6
Illinois.....	(4)	177.4	179.3	(4)	422.4	413.6	(4)	388.6	385.5
Indiana.....	51.9	51.9	51.5	124.5	124.7	120.7	174.7	175.0	171.0
Iowa ³	29.9	30.1	29.4	81.2	81.3	79.2	106.2	107.7	107.0
Kansas ³	21.7	21.7	21.1	67.3	67.0	63.3	103.1	103.9	101.8
Kentucky.....	21.7	21.9	21.9	73.8	73.3	73.6	106.4	107.9	103.4
Louisiana.....	31.0	30.9	30.2	85.9	85.6	85.2	132.9	133.7	133.3
Maine.....	8.5	8.5	8.5	30.8	30.5	30.1	44.5	44.3	43.8
Maryland ⁵	12.1	11.8	11.1	108.1	107.6	105.1	141.7	141.9	134.4
Massachusetts.....	94.4	96.5	95.3	261.3	261.8	259.5	241.6	241.6	236.1
Michigan.....	76.1	76.0	74.9	218.4	220.6	231.9	305.6	308.3	306.8
Minnesota.....	45.7	45.8	45.0	117.5	117.2	114.3	138.4	138.1	135.6
Mississippi.....	11.1	11.1	10.8	37.0	37.1	36.4	78.5	78.6	75.4
Missouri.....	64.4	65.0	64.4	158.3	158.4	155.0	177.8	178.4	178.5
Montana.....	6.0	6.0	5.9	22.4	21.3	22.9	35.6	35.2	35.6
Nebraska.....	20.7	20.7	20.6	50.5	50.7	49.5	69.6	70.7	71.3
Nevada ³	3.0	2.9	2.6	31.9	31.9	30.3	17.8	18.0	17.4
New Hampshire.....	(4)	6.9	6.7	(4)	24.7	25.0	(4)	21.5	21.3
New Jersey.....	89.3	89.0	90.9	230.4	230.8	219.0	226.1	224.5	221.5
New Mexico ³	8.8	8.7	8.3	35.7	35.5	33.0	59.0	59.1	57.1
New York.....	470.6	469.9	467.5	896.4	901.9	891.7	763.2	775.9	771.5
North Carolina.....	35.8	35.7	34.9	103.9	103.9	102.3	150.0	150.0	146.4
North Dakota ³	4.9	4.9	4.7	17.9	17.9	17.3	30.9	31.1	29.8
Ohio.....	110.1	109.8	109.0	347.1	347.0	339.3	359.1	361.2	355.3
Oklahoma.....	23.0	23.2	22.9	61.4	61.4	61.3	124.8	124.2	123.1
Oregon.....	20.1	20.1	19.3	58.8	58.4	56.4	88.3	87.7	86.4
Pennsylvania.....	146.4	146.7	145.1	436.9	439.6	432.3	409.2	412.1	405.9
Rhode Island.....	12.7	12.7	12.4	31.1	31.7	30.6	38.3	38.2	37.3
South Carolina.....	16.0	15.8	15.6	42.6	42.6	42.5	91.1	90.7	90.5
South Dakota ³	5.5	5.4	5.2	19.4	19.6	19.4	37.5	37.5	36.4
Tennessee.....	34.3	34.2	33.3	94.9	95.5	93.7	136.7	140.0	140.0
Texas.....	116.3	116.7	114.4	287.4	287.2	284.7	410.3	411.0	398.3
Utah.....	10.8	10.8	10.3	31.9	32.3	29.6	57.9	57.9	55.6
Vermont.....	3.8	3.8	3.9	20.0	19.9	19.7	15.4	15.4	15.2
Virginia ⁵	43.5	43.4	41.1	106.0	105.9	102.0	185.0	184.6	180.3
Washington.....	37.0	36.7	35.0	94.5	93.2	93.4	156.0	157.9	155.7
West Virginia.....	12.1	12.0	12.3	44.6	45.0	44.7	59.5	59.3	61.7
Wisconsin.....	42.6	42.7	41.9	119.5	120.5	118.1	149.0	149.5	147.9
Wyoming ³	2.6	2.6	2.5	12.3	12.0	12.7	21.1	20.9	20.7

¹Combined with construction.²Combined with service.³Revised series; not strictly comparable with previously data.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.

Table B-8: Employees in nonagricultural establishments for selected areas, by industry division

(In thousands)

Industry division	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
	ALABAMA						ARIZONA					
	Birmingham			Mobile			Phoenix			Tucson		
TOTAL	185.9	204.3	197.8	91.3	91.6	88.3	152.4	146.1	140.4	60.7	58.7	57.3
Mining.....	5.7	8.1	7.7	(1)	(1)	(1)	.6	.1	.5	2.6	2.4	2.3
Contract construction..	14.5	14.3	13.3	5.8	6.0	5.4	15.3	9.1	15.4	5.6	4.0	5.7
Manufacturing.....	50.2	66.4	64.9	18.0	17.9	17.2	28.5	28.9	24.7	8.9	9.0	8.6
Trans. and pub. util...	15.4	15.4	15.5	10.2	10.2	10.1	12.1	12.0	11.6	5.7	5.6	5.3
Trade.....	45.6	45.4	43.8	18.9	18.9	18.4	41.4	41.2	37.7	14.2	14.3	13.3
Finance.....	11.5	11.5	11.3	4.0	4.0	4.2	9.3	9.3	8.5	2.4	2.4	2.2
Service.....	23.0	23.2	22.4	9.6	9.7	9.6	18.6	18.6	17.0	9.2	9.2	8.5
Government.....	20.0	20.0	19.0	24.8	24.9	23.4	26.6	26.9	25.0	12.1	11.8	11.4
	ARKANSAS						CALIFORNIA					
	Little Rock-N. Little Rock			Fresno			Los Angeles-Long Beach			Sacramento		
TOTAL	77.0	76.6	76.4	-	-	-	2,279.8	2,269.4	2,147.1	159.3	154.8	148.3
Mining.....	(1)	(1)	(1)	-	-	-	13.2	13.1	13.8	.3	.3	.2
Contract construction..	6.1	6.1	7.5	-	-	-	140.4	135.3	126.0	11.9	11.6	10.2
Manufacturing.....	15.0	15.0	14.2	15.0	12.5	15.4	782.3	780.3	727.7	29.4	25.5	24.3
Trans. and pub. util...	8.0	7.9	7.9	-	-	-	142.5	142.2	139.1	11.2	11.3	11.2
Trade.....	18.3	18.2	17.7	-	-	-	493.6	492.2	471.4	29.5	29.2	28.1
Finance.....	4.9	4.8	4.8	-	-	-	115.3	114.6	108.7	6.2	6.2	5.8
Service.....	10.9	10.8	10.7	-	-	-	320.6	319.0	302.8	13.9	13.8	13.0
Government.....	13.9	13.9	13.8	-	-	-	271.9	272.7	257.6	56.9	56.9	55.5
	CALIFORNIA—Continued						CALIFORNIA—Continued					
	San Bernardino-Riverside-Ontario			San Diego			San Francisco-Oakland			San Jose		
TOTAL	-	-	-	253.8	250.0	237.4	972.5	968.2	953.1	179.7	170.8	166.4
Mining.....	-	-	-	.5	.5	.4	1.8	1.8	1.9	.1	.1	.1
Contract construction..	-	-	-	20.3	20.3	18.7	62.8	61.6	61.1	16.0	15.5	14.1
Manufacturing.....	29.6	36.3	33.8	74.5	73.0	68.3	207.6	203.3	204.9	72.2	64.4	67.5
Trans. and pub. util...	-	-	-	13.3	13.4	12.9	104.1	106.7	105.9	9.1	8.9	8.6
Trade.....	-	-	-	49.1	48.2	47.2	212.6	211.9	206.1	30.5	30.4	28.8
Finance.....	-	-	-	10.3	10.3	9.6	65.6	65.3	63.9	6.4	6.3	5.8
Service.....	-	-	-	33.7	32.3	31.4	127.6	127.4	124.5	22.6	22.3	20.3
Government.....	-	-	-	52.1	52.0	48.9	190.4	190.2	184.8	22.8	22.9	21.2
	CALIFORNIA—Continued						CONNECTICUT					
	Stockton			Denver			Bridgeport			Hartford		
TOTAL	-	-	-	298.2	297.5	288.5	115.3	113.5	112.2	204.2	209.4	198.6
Mining.....	-	-	-	4.0	3.9	4.0	(2)	(2)	(2)	(2)	(2)	(2)
Contract construction..	-	-	-	23.4	23.8	21.7	5.6	5.7	5.9	11.1	10.9	11.1
Manufacturing.....	18.2	13.1	17.7	58.8	58.3	53.7	62.6	60.6	59.5	70.3	75.2	65.9
Trans. and pub. util...	-	-	-	29.8	29.3	29.8	5.7	5.6	5.7	9.2	9.0	8.9
Trade.....	-	-	-	74.0	73.9	72.1	18.9	19.1	18.8	40.1	40.9	39.4
Finance.....	-	-	-	18.2	18.3	17.6	3.2	3.2	3.3	30.5	30.5	30.5
Service.....	-	-	-	39.7	39.9	39.1	10.4	10.4	10.3	21.5	21.6	21.2
Government.....	-	-	-	50.3	50.1	50.5	8.9	8.9	8.7	21.5	21.3	21.5
	CONNECTICUT—Continued						CONNECTICUT—Continued					
	New Britain			New Haven			Stamford			Waterbury		
TOTAL	38.6	39.3	37.5	122.0	121.8	119.2	55.1	55.2	52.4	66.8	65.6	63.1
Mining.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Contract construction..	1.5	1.5	1.5	7.8	7.9	7.8	3.4	3.6	3.7	2.2	2.2	2.2
Manufacturing.....	23.4	24.0	22.6	43.1	42.7	41.2	23.0	22.7	20.8	39.0	38.0	35.9
Trans. and pub. util...	1.8	1.8	1.8	12.8	12.8	12.9	2.6	2.7	2.7	2.8	2.8	2.8
Trade.....	5.3	5.4	5.2	22.8	22.9	22.4	10.1	10.2	9.9	9.5	9.5	9.4
Finance.....	.9	.9	.8	6.9	6.9	6.8	2.3	2.3	2.2	1.6	1.6	1.5
Service.....	2.9	2.9	2.8	17.8	17.8	17.6	9.2	9.3	8.8	6.1	6.1	5.8
Government.....	2.8	2.7	2.8	10.8	10.8	10.6	4.6	4.6	4.2	5.5	5.4	5.4
	DELAWARE						DISTRICT OF COLUMBIA					
	Wilmington			Washington			Jacksonville			Miami		
TOTAL	126.7	130.4	126.4	685.1	684.0	666.6	134.2	133.6	130.6	291.4	292.6	274.8
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	10.2	10.0	10.6	46.5	45.6	44.6	11.2	11.2	11.0	31.7	31.7	31.1
Manufacturing.....	54.5	57.5	54.6	33.2	33.0	31.0	20.3	20.6	19.7	37.6	37.8	34.9
Trans. and pub. util...	8.1	8.3	8.0	47.0	46.8	45.5	14.1	14.0	14.1	33.0	32.8	33.1
Trade.....	22.5	22.5	22.2	131.5	131.9	131.0	38.6	37.8	37.1	81.9	82.3	78.0
Finance.....	5.2	5.2	5.0	35.6	35.6	35.0	12.4	12.4	12.1	19.0	19.1	18.1
Service.....	13.8	14.5	13.3	106.2	106.3	101.4	16.7	16.8	16.6	55.9	56.7	51.1
Government.....	12.4	12.4	12.7	285.1	284.8	278.1	20.9	20.8	20.2	32.3	32.2	28.7

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

Table B-8: Employees in nonagricultural establishments for selected areas, by industry division-Continued

Industry division	(In thousands)											
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
	FLORIDA--Continued			GEORGIA						IDAHO		
	Tampa-St. Petersburg			Atlanta			Savannah			Boise ³		
TOTAL.....	182.2	181.5	172.9	357.2	355.7	344.4	54.7	54.8	53.6	24.8	24.8	24.0
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	23.2	23.3	21.8	25.5	25.6	25.3	5.2	5.1	5.2	2.2	2.2	2.1
Manufacturing.....	34.4	34.1	31.9	85.9	86.1	82.7	15.2	15.5	14.6	2.5	2.5	2.4
Trans. and pub. util...	14.3	14.0	13.5	34.4	34.4	33.6	6.3	6.2	6.6	2.5	2.5	2.5
Trade.....	53.6	53.6	51.1	92.3	90.9	88.4	12.1	12.0	11.8	7.2	7.2	6.9
Finance.....	9.5	9.4	9.3	25.3	25.3	24.4	2.3	2.3	2.1	1.6	1.6	1.4
Service.....	23.8	23.8	22.9	45.7	45.5	44.1	6.4	6.5	6.3	3.5	3.5	3.5
Government.....	23.4	23.3	22.5	48.1	47.9	45.9	7.2	7.2	7.0	5.3	5.3	5.2
	ILLINOIS			INDIANA						IOWA		
	Chicago			Peoria *			Rockford *			Evansville		
TOTAL.....	(4)	2,530.9	2,476.6	(4)	(4)	89.0	(4)	(4)	69.8	61.4	63.5	63.7
Mining.....	(4)	5.8	5.8	(4)	(4)	(1)	(4)	(4)	(2)	1.6	1.6	1.7
Contract construction..	(4)	130.8	134.9	(4)	(4)	4.3	(4)	(4)	4.5	2.7	2.7	3.2
Manufacturing.....	(4)	960.4	914.1	(4)	(4)	35.5	(4)	(4)	36.1	23.8	26.0	25.3
Trans. and pub. util...	(4)	213.6	211.4	(4)	(4)	6.4	(4)	(4)	2.7	4.4	4.5	4.6
Trade.....	(4)	518.6	511.6	(4)	(4)	21.5	(4)	(4)	12.8	13.5	13.5	13.7
Finance.....	(4)	148.2	149.1	(4)	(4)	3.6	(4)	(4)	2.6	2.1	2.2	22.2
Service.....	(4)	328.7	318.7	(4)	(4)	9.7	(4)	(4)	7.0	7.7	7.4	7.7
Government.....	(4)	224.8	231.0	(4)	(4)	8.1	(4)	(4)	4.1	5.6	5.6	5.3
	INDIANA--Continued			IOWA						LOUISIANA		
	Fort Wayne			Indianapolis			South Bend			Des Moines		
TOTAL.....	81.1	81.2	76.6	288.2	288.6	274.1	78.0	81.1	71.4	101.5	101.4	100.0
Mining.....	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	3.5	3.5	3.9	13.5	13.2	13.8	3.3	3.3	3.0	6.4	6.4	5.9
Manufacturing.....	35.8	35.9	31.2	103.0	103.4	92.7	37.1	40.0	31.5	23.7	24.0	23.0
Trans. and pub. util...	6.3	6.3	6.4	21.2	21.4	20.4	4.6	4.8	4.4	8.9	8.8	8.5
Trade.....	17.5	17.4	17.5	65.1	65.3	63.6	14.9	14.8	14.4	24.4	24.3	24.2
Finance.....	4.2	4.2	4.2	18.0	17.9	18.0	3.6	3.6	3.6	11.6	11.7	11.1
Service.....	7.6	7.7	7.5	29.4	29.3	28.4	9.3	9.3	9.2	13.5	13.3	13.1
Government.....	6.2	6.2	5.9	38.0	38.1	37.2	5.2	5.3	5.3	13.2	13.2	14.4
	KANSAS			KENTUCKY						LOUISIANA		
	Topeka			Wichita			Louisville			Baton Rouge		
TOTAL.....	47.9	47.6	48.3	121.3	122.1	123.4	245.2	244.9	237.9	69.7	70.1	70.5
Mining.....	.1	.1	.1	1.5	1.5	1.5	(1)	(1)	(1)	.4	.4	.4
Contract construction..	3.8	3.6	4.7	6.5	6.6	7.4	15.5	15.2	14.0	9.1	8.9	8.6
Manufacturing.....	6.7	6.7	6.5	47.8	48.4	49.4	89.7	89.9	87.0	18.9	19.2	19.3
Trans. and pub. util...	7.4	7.4	7.0	7.3	7.3	7.3	21.7	21.9	22.3	4.7	4.7	4.5
Trade.....	9.3	9.3	9.2	25.9	25.9	25.9	51.2	51.1	49.4	15.0	15.0	15.4
Finance.....	2.6	2.7	2.6	5.3	5.3	5.3	11.5	11.5	11.4	3.1	3.1	3.0
Service.....	6.2	6.2	6.2	13.9	14.0	13.6	30.4	30.2	30.4	6.6	6.6	6.4
Government.....	11.9	11.9	12.1	13.2	13.3	13.2	25.1	25.1	23.5	11.9	12.1	12.7
	LOUISIANA--Continued			MAINE						MASSACHUSETTS		
	New Orleans			Shreveport			Lewiston-Auburn			Portland		
TOTAL.....	273.8	274.1	277.6	71.5	71.6	71.9	27.3	27.0	26.0	53.0	52.9	52.5
Mining.....	7.3	7.3	7.4	5.1	5.2	5.6	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	17.5	17.9	19.5	6.7	6.7	7.5	1.2	1.2	1.0	3.9	3.7	3.8
Manufacturing.....	44.6	44.8	46.2	9.1	9.1	8.8	14.6	14.3	13.5	13.0	13.1	12.5
Trans. and pub. util...	42.8	42.7	43.9	9.2	9.2	9.1	.9	.9	.9	5.8	5.8	6.1
Trade.....	71.2	71.3	72.1	20.0	20.0	19.6	5.2	5.2	5.2	14.5	14.5	14.3
Finance.....	15.4	15.3	15.1	3.1	3.1	3.3	.7	.7	.7	3.7	3.6	3.7
Service.....	39.8	39.3	39.9	8.6	8.6	8.6	3.3	3.3	3.3	8.2	8.2	8.2
Government.....	35.2	34.8	33.4	9.7	9.7	9.5	1.4	1.4	1.4	3.9	4.0	3.9
	MARYLAND			MASSACHUSETTS						MASSACHUSETTS		
	Baltimore			Boston			Fall River ⁵			New Bedford ⁵		
TOTAL.....	573.2	596.6	577.3	1,001.8	997.5	986.8	41.3	39.9	40.2	47.5	45.9	47.5
Mining.....	1.0	1.0	1.0	(1)	(1)	(1)	-	-	-	-	-	-
Contract construction..	41.4	40.8	38.8	49.7	48.3	50.2	-	-	-	1.6	1.7	1.1
Manufacturing.....	171.0	193.3	188.7	294.9	289.5	281.0	23.6	22.1	22.8	26.3	24.7	26.5
Trans. and pub. util...	52.7	53.8	53.7	66.3	66.7	67.8	1.4	1.4	1.5	2.1	2.1	2.2
Trade.....	118.0	118.7	113.9	219.1	220.7	221.8	7.6	7.7	7.4	7.4	7.4	7.8
Finance.....	31.6	31.5	31.1	69.6	69.9	69.9	-	-	-	-	-	-
Service.....	71.7	71.8	69.2	164.4	164.9	161.8	-	-	-	-	-	-
Government.....	85.8	85.7	80.9	137.8	137.5	134.3	3.2	3.2	3.1	3.9	3.8	3.7

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

Table B-8: Employees in nonagricultural establishments for selected areas, by industry division—Continued

Industry division	(In thousands)											
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
MASSACHUSETTS—Continued												
	Springfield-Holyoke			Worcester			Detroit			Flint		
TOTAL.....	153.2	152.1	151.4	95.7	96.7	97.0	1,111.3	1,154.8	1,067.7	100.2	109.9	100.2
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	.8	.8	.8	(1)	(1)	(1)
Contract construction..	6.3	6.4	5.8	2.5	2.5	3.5	51.6	51.3	52.8	4.8	4.7	3.9
Manufacturing.....	65.5	64.1	63.8	44.1	45.1	44.0	473.3	512.8	426.6	52.7	62.2	53.2
Trans. and pub. util...	8.0	8.0	8.0	4.1	4.1	4.3	67.4	68.6	70.0	4.1	4.2	4.1
Trade.....	29.0	29.1	29.7	17.2	17.2	17.9	216.5	218.0	222.1	17.3	17.5	18.1
Finance.....	7.9	8.0	7.9	5.1	5.1	5.0	47.3	47.1	46.4	2.4	2.4	2.3
Service.....	19.0	19.0	19.1	10.1	10.2	10.1	125.9	127.8	125.9	9.1	9.1	8.6
Government.....	17.5	17.5	17.1	12.6	12.5	12.2	128.3	128.3	123.1	9.8	9.8	10.0
MICHIGAN—Continued												
	Grand Rapids			Lansing			Muskegon-Muskegon Heights			Saginaw		
TOTAL.....	113.1	112.9	100.8	77.1	79.4	65.3	46.4	47.0	43.1	49.5	54.1	46.0
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	6.3	6.4	5.4	4.4	4.4	4.1	1.7	1.8	1.5	2.9	2.8	2.9
Manufacturing.....	50.0	50.7	40.8	26.6	27.6	17.5	26.0	26.6	22.9	21.2	26.0	18.5
Trans. and pub. util...	8.0	8.0	8.0	3.3	3.4	2.3	2.3	2.2	2.4	4.8	4.8	4.6
Trade.....	22.6	21.4	21.8	12.9	12.8	11.8	7.8	7.8	7.7	10.0	9.9	9.7
Finance.....	4.5	4.5	4.4	2.7	2.7	2.7	.8	.8	.8	1.2	1.2	1.2
Service.....	12.3	12.7	11.7	6.9	7.1	7.0	3.8	3.7	4.0	5.2	5.2	5.0
Government.....	9.3	9.3	8.8	20.3	21.4	20.0	4.0	4.0	3.9	4.2	4.2	4.1
MINNESOTA							MISSISSIPPI			MISSOURI		
	Duluth			Minneapolis-St. Paul			Jackson			Kansas City		
TOTAL.....	36.2	40.0	40.9	535.0	530.9	519.3	59.7	59.1	59.1	380.9	384.9	369.6
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	.9	.9	.9	.9	.9	.9
Contract construction..	2.7	2.7	2.9	34.8	33.8	33.8	4.6	4.1	5.2	26.6	26.8	26.0
Manufacturing.....	5.5	8.3	8.0	152.3	150.0	144.9	11.7	11.7	11.2	101.9	105.1	98.8
Trans. and pub. util...	4.9	6.0	6.4	51.4	51.3	51.7	4.5	4.5	4.5	42.0	42.2	40.8
Trade.....	9.7	9.6	10.2	131.0	129.4	127.2	14.2	14.2	14.0	99.7	99.6	94.4
Finance.....	1.8	1.8	1.8	33.8	33.9	33.4	4.0	4.0	3.9	23.8	23.8	23.7
Service.....	6.8	6.9	6.8	68.3	68.2	66.3	7.9	7.9	7.8	47.4	47.7	46.4
Government.....	4.8	4.8	4.8	63.4	64.3	62.1	11.9	11.9	11.6	38.6	38.8	38.6
MISSOURI—Continued							NEBRASKA			NEVADA		
	St. Louis			Great Falls			Omaha			Reno ³		
TOTAL.....	709.3	713.1	700.1	19.5	19.4	19.7	159.9	159.5	151.7	31.1	31.3	30.3
Mining.....	3.2	3.2	3.1	(1)	(1)	(1)	(2)	(2)	(2)	(6)	(6)	(6)
Contract construction..	30.6	31.7	33.0	1.9	2.1	2.1	11.3	11.3	9.8	2.3	2.6	2.9
Manufacturing.....	264.2	265.8	255.1	3.1	3.1	3.1	37.5	37.0	33.2	2.3	2.3	2.2
Trans. and pub. util...	63.5	64.3	63.4	2.3	2.2	2.3	21.6	21.8	21.4	3.4	3.4	3.3
Trade.....	149.0	148.4	148.9	5.8	5.6	5.6	35.2	35.2	34.7	7.2	7.1	6.9
Finance.....	36.3	36.5	35.8	(1)	(1)	(1)	12.5	12.5	12.5	1.3	1.3	1.2
Service.....	86.4	86.7	86.4	4.1	4.1	3.9	22.3	22.0	21.4	9.9	9.9	9.3
Government.....	76.1	76.5	74.4	2.3	2.3	2.7	19.7	19.8	18.9	4.7	4.7	4.5
NEW HAMPSHIRE							NEW JERSEY			NEW JERSEY—Continued		
	Manchester			Newark-Jersey City ⁷			Paterson ⁷			Perth Amboy ⁷		
TOTAL.....	(4)	42.1	41.1	815.6	811.5	801.7	415.5	414.1	404.5	168.7	167.0	163.3
Mining.....	(4)	(1)	(1)	.2	.2	.2	1.4	1.4	1.4	.5	.5	.6
Contract construction..	(4)	2.3	2.3	35.6	32.3	30.4	25.7	24.5	25.7	12.0	10.2	10.3
Manufacturing.....	(4)	18.1	17.7	334.5	331.6	324.9	179.6	178.3	174.3	83.4	83.0	81.4
Trans. and pub. util...	(4)	2.8	2.8	82.8	83.9	82.3	23.1	23.0	23.1	9.1	9.2	8.5
Trade.....	(4)	8.2	7.9	143.8	144.6	146.6	79.4	80.0	77.8	25.4	26.0	25.1
Finance.....	(4)	2.4	2.4	52.2	51.7	53.6	13.6	13.6	13.3	3.2	3.1	3.1
Service.....	(4)	5.0	4.9	90.0	90.6	88.3	47.7	47.9	45.2	12.5	12.5	12.1
Government.....	(4)	3.3	3.2	76.5	76.6	75.4	45.0	45.4	43.7	22.6	22.5	22.2
NEW JERSEY—Continued							NEW MEXICO			NEW YORK		
	Trenton			Albuquerque ³			Albany-Schenectady-Troy			Binghamton		
TOTAL.....	99.5	100.1	97.0	77.0	78.5	72.5	201.1	203.1	206.0	78.2	78.3	75.6
Mining.....	.1	.1	.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	4.9	4.9	4.8	7.8	8.3	7.2	6.7	6.9	7.9	3.7	3.7	3.3
Manufacturing.....	35.7	36.6	34.7	6.7	7.7	7.3	57.5	59.6	62.4	40.3	40.4	38.5
Trans. and pub. util...	6.1	6.1	6.1	6.3	6.3	5.9	16.0	16.0	16.4	3.9	3.9	3.9
Trade.....	16.8	16.6	16.8	18.5	18.3	16.6	39.8	39.7	40.8	12.9	12.9	13.0
Finance.....	3.9	3.9	3.7	4.7	4.7	4.4	8.7	8.5	8.1	2.3	2.3	2.3
Service.....	13.9	14.0	12.9	17.5	17.5	16.1	27.0	27.0	26.5	6.3	6.3	6.0
Government.....	18.1	17.9	17.9	15.5	15.7	15.0	45.4	45.3	43.9	8.9	8.9	8.6

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

Area Industry Employment

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Table B-8: Employees in neoegricultural establishments for selected areas, by industry division—Continued

Industry division	(In thousands)											
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
NEW YORK—Continued												
	Buffalo			Elmira ⁵			Nassau and Suffolk Counties ⁷			New York City ⁷		
TOTAL	406.1	428.1	414.9	31.8	31.7	31.4	400.7	389.1	391.0	3,425.6	3,386.1	3,423.6
Mining.....	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)	2.0	2.0	2.0
Contract construction..	28.1	27.0	25.8	-	-	-	34.8	27.9	34.9	117.7	106.9	121.1
Manufacturing.....	156.4	177.7	165.2	15.2	15.0	15.3	114.0	113.2	109.8	945.2	904.1	940.5
Trans. and pub. util...	34.5	36.3	35.5	-	-	-	22.8	22.8	23.0	319.8	319.2	323.9
Trade.....	82.5	82.3	83.7	6.0	6.0	6.0	85.3	83.2	86.3	711.5	710.4	710.7
Finance.....	14.6	14.6	15.0	-	-	-	14.9	14.9	14.5	377.8	376.7	375.1
Service.....	46.5	46.7	46.6	-	-	-	66.2	64.5	62.7	561.7	565.0	558.7
Government.....	43.6	43.7	43.1	-	-	-	62.6	62.6	59.9	389.8	401.7	391.6
NEW YORK—Continued												
	New York—Northeastern New Jersey			Rochester			Syracuse			Utica-Rome		
TOTAL	5,468.6	5,417.6	5,431.7	218.1	216.8	212.3	145.7	146.8	144.0	100.8	101.0	99.6
Mining.....	5.1	5.1	5.3	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	251.6	225.4	246.7	11.6	10.9	11.1	6.2	5.9	6.0	3.1	3.3	3.5
Manufacturing.....	1,731.6	1,685.0	1,701.5	107.4	106.7	103.6	56.0	57.8	55.2	40.0	40.1	40.2
Trans. and pub. util...	463.1	475.1	477.7	10.0	10.2	9.9	10.5	10.6	11.0	5.9	5.8	5.5
Trade.....	1,095.3	1,092.1	1,095.0	37.8	37.6	36.7	30.0	29.4	29.4	16.6	16.9	16.7
Finance.....	473.7	472.3	472.1	7.8	7.8	7.8	7.3	7.5	7.3	3.6	3.6	3.6
Service.....	817.9	820.2	807.4	23.4	23.5	23.1	19.5	19.6	19.4	9.9	9.8	9.7
Government.....	630.2	624.3	626.0	20.2	20.2	20.1	16.3	16.1	15.7	21.7	21.5	20.5
NEW YORK—Continued												
	Westchester County ⁷			Charlotte			Greensboro- High Point			Winston-Salem		
TOTAL	218.8	215.4	214.6	93.1	92.2	90.4	-	-	-	-	-	-
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-	-	-	-
Contract construction..	21.4	19.7	21.7	6.5	6.3	6.5	-	-	-	-	-	-
Manufacturing.....	62.9	63.2	59.0	25.6	25.2	24.4	46.6	44.5	44.3	39.6	37.7	37.4
Trans. and pub. util...	14.8	14.8	14.9	9.6	9.6	9.5	-	-	-	-	-	-
Trade.....	45.0	43.0	43.9	27.3	27.3	27.0	-	-	-	-	-	-
Finance.....	10.9	11.2	11.4	5.9	5.8	5.8	-	-	-	-	-	-
Service.....	37.5	37.3	37.9	10.6	10.5	10.2	-	-	-	-	-	-
Government.....	26.4	26.2	25.9	7.6	7.5	7.0	-	-	-	-	-	-
NORTH DAKOTA												
	Fargo ³			Akron			Canton			Cincinnati		
TOTAL	23.3	23.2	23.5	178.0	178.9	171.0	99.5	112.8	98.4	395.8	394.9	386.3
Mining.....	(1)	(1)	(1)	.1	.1	.1	.7	.6	.6	.4	.4	.3
Contract construction..	2.7	2.7	3.1	9.4	8.9	8.5	4.6	4.5	4.3	20.2	19.0	19.5
Manufacturing.....	1.8	1.8	2.2	84.7	84.9	80.8	44.4	57.8	44.5	156.8	156.5	150.4
Trans. and pub. util...	2.6	2.6	2.4	12.1	12.0	12.4	7.0	7.0	6.8	33.3	33.1	32.5
Trade.....	7.7	7.6	7.4	34.9	35.7	32.9	19.8	19.9	19.1	78.7	78.5	77.5
Finance.....	1.7	1.7	1.6	4.5	4.5	4.4	3.4	3.4	3.3	18.7	18.6	19.3
Service.....	3.5	3.5	3.3	19.1	19.1	18.9	11.2	11.2	11.5	48.8	48.9	48.7
Government.....	3.3	3.3	3.4	13.4	13.7	13.1	8.4	8.4	8.4	39.0	40.0	38.1
OHIO—Continued												
	Cleveland			Columbus			Dayton			Toledo		
TOTAL	674.0	691.9	655.8	251.3	250.5	235.7	221.6	223.4	208.1	159.4	158.8	150.8
Mining.....	.4	.4	.4	.7	.7	.8	.3	.3	.3	.2	.3	.1
Contract construction..	33.2	33.5	34.1	16.8	16.5	15.6	8.6	8.5	8.4	12.4	12.3	9.9
Manufacturing.....	270.5	287.6	257.1	70.4	69.9	62.1	94.0	96.0	81.7	58.8	58.6	54.0
Trans. and pub. util...	45.7	46.1	44.8	18.4	18.3	18.1	9.6	9.4	9.2	13.5	13.6	13.2
Trade.....	135.8	136.1	133.8	53.5	53.5	50.3	37.8	37.5	36.9	34.9	34.7	34.5
Finance.....	31.4	31.4	30.5	14.6	14.5	14.4	5.5	5.5	5.1	5.3	5.3	5.2
Service.....	87.0	86.8	85.4	30.4	30.4	30.0	24.1	24.1	23.9	20.6	20.5	20.5
Government.....	70.0	69.9	69.8	46.6	46.6	44.5	41.7	41.9	42.5	13.6	13.7	13.3
OHIO—Continued												
	Youngstown			Oklahoma City			Tulsa			Portland		
TOTAL	166.0	207.7	190.3	159.9	160.0	156.0	120.3	120.3	120.9	265.0	261.6	249.0
Mining.....	.6	.5	.5	6.7	6.7	6.7	12.3	12.2	12.6	(1)	(1)	(1)
Contract construction..	10.4	10.7	9.1	11.9	11.9	10.4	8.2	8.1	8.1	16.6	15.5	13.4
Manufacturing.....	66.4	107.6	93.7	18.8	18.8	17.6	27.4	27.7	28.8	68.2	66.9	62.7
Trans. and pub. util...	11.9	11.9	11.9	12.3	12.3	12.3	12.9	12.9	13.2	28.6	28.4	28.1
Trade.....	35.4	35.7	34.4	38.2	38.1	37.1	29.6	29.3	28.6	64.2	63.5	61.2
Finance.....	4.6	4.6	4.5	9.5	9.6	9.4	6.0	6.1	6.0	14.3	14.3	13.8
Service.....	21.2	21.2	20.9	19.1	19.2	18.8	14.3	14.4	14.2	34.9	34.8	33.1
Government.....	15.4	15.5	15.3	43.4	43.4	43.7	9.6	9.6	9.4	38.2	38.2	36.7

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

Table B-8: Employees in nonagricultural establishments for selected areas, by industry division—Continued

Industry division	(In thousands)											
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
PENNSYLVANIA												
	Allentown-Bethlehem-Easton			Erie			Harrisburg			Lancaster		
TOTAL	164.3	178.7	173.0	-	-	-	135.3	139.0	136.6	-	-	-
Mining.....	.8	.9	.9	-	-	-	(1)	(1)	(1)	-	-	-
Contract construction..	7.9	8.4	8.0	-	-	-	8.4	8.4	9.0	-	-	-
Manufacturing.....	84.3	97.0	93.3	36.9	36.1	34.4	31.7	34.9	32.4	47.4	47.3	44.8
Trans. and pub. util...	10.2	10.9	10.8	-	-	-	12.9	13.4	12.9	-	-	-
Trade.....	27.3	27.5	27.0	-	-	-	23.9	23.6	23.4	-	-	-
Finance.....	4.2	4.2	4.2	-	-	-	6.0	6.0	6.1	-	-	-
Service.....	17.7	17.7	17.2	-	-	-	15.4	15.6	15.9	-	-	-
Government.....	11.9	12.1	11.6	-	-	-	37.0	37.1	36.9	-	-	-
PENNSYLVANIA—Continued												
	Philadelphia			Pittsburgh			Reading			Scranton		
TOTAL	1,442.1	1,452.3	1,430.8	673.8	795.3	769.7	-	-	-	-	-	-
Mining.....	2.0	2.2	2.2	8.1	13.3	12.9	-	-	-	-	-	-
Contract construction..	81.3	79.1	81.1	41.4	43.8	45.5	-	-	-	-	-	-
Manufacturing.....	528.4	540.0	521.8	214.0	315.0	293.0	51.9	50.8	48.3	29.4	28.8	29.8
Trans. and pub. util...	111.0	106.8	111.0	55.3	65.0	63.3	-	-	-	-	-	-
Trade.....	290.1	292.3	284.8	151.7	153.5	152.2	-	-	-	-	-	-
Finance.....	74.5	74.4	75.4	31.6	31.9	31.4	-	-	-	-	-	-
Service.....	178.7	180.7	175.8	101.2	102.1	100.9	-	-	-	-	-	-
Government.....	176.1	176.8	178.7	70.5	70.7	70.5	-	-	-	-	-	-
PENNSYLVANIA—Continued												
	Wilkes-Barre-Hazleton			York			Rhode Island Providence			South Carolina Charleston		
TOTAL	-	-	-	-	-	-	279.3	278.1	273.8	55.1	54.9	53.5
Mining.....	-	-	-	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	-	-	-	-	-	-	17.7	18.1	17.7	4.4	4.4	4.0
Manufacturing.....	41.3	39.9	38.0	43.6	42.1	43.5	127.0	124.7	123.0	10.0	9.7	9.5
Trans. and pub. util...	-	-	-	-	-	-	12.1	12.2	12.6	4.5	4.6	4.8
Trade.....	-	-	-	-	-	-	48.2	48.3	48.0	11.4	11.5	11.2
Finance.....	-	-	-	-	-	-	12.3	12.3	12.0	2.3	2.3	2.2
Service.....	-	-	-	-	-	-	28.7	29.3	28.2	5.4	5.4	5.0
Government.....	-	-	-	-	-	-	33.3	33.2	32.3	17.1	17.0	16.8
PENNSYLVANIA—Continued												
	South Carolina—Continued			South Dakota Sioux Falls ³			Tennessee Chattanooga			Tennessee—Continued		
TOTAL	67.6	67.3	66.5	-	-	-	26.7	26.7	25.9	89.8	89.7	88.8
Mining.....	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)	.1	.1	.1
Contract construction..	4.9	4.7	4.7	-	-	-	2.0	1.9	2.0	4.2	4.1	3.3
Manufacturing.....	11.5	11.5	10.8	31.4	31.0	29.7	6.0	5.9	5.7	40.6	40.8	40.8
Trans. and pub. util...	5.1	5.0	5.3	-	-	-	2.6	2.6	2.5	4.7	4.7	4.9
Trade.....	14.7	14.7	14.3	-	-	-	7.8	7.8	7.5	16.1	16.0	16.2
Finance.....	4.3	4.3	4.2	-	-	-	1.5	1.5	1.5	4.9	4.9	4.9
Service.....	8.4	8.4	8.7	-	-	-	3.9	3.9	3.7	9.1	9.1	8.9
Government.....	18.7	18.7	18.5	-	-	-	3.0	3.0	2.9	10.1	10.0	9.7
PENNSYLVANIA—Continued												
	Tennessee—Continued			Texas Dallas			Texas—Continued			Texas—Continued		
TOTAL	111.3	111.5	106.6	185.4	185.1	178.8	137.6	136.6	135.1	-	-	-
Mining.....	1.8	1.8	1.9	.4	.3	.4	.3	.3	.3	-	-	-
Contract construction..	9.0	8.8	6.4	11.9	11.9	12.3	7.9	7.6	7.5	-	-	-
Manufacturing.....	42.4	42.7	39.8	44.2	44.4	40.3	39.5	39.0	38.8	83.7	83.5	87.6
Trans. and pub. util...	6.6	6.6	6.7	16.0	16.0	15.9	11.1	11.1	11.3	-	-	-
Trade.....	21.6	21.5	20.8	49.4	49.3	47.6	30.3	30.1	29.5	-	-	-
Finance.....	3.0	3.0	3.0	9.0	8.9	8.6	9.4	9.5	9.2	-	-	-
Service.....	11.2	11.3	11.0	24.5	24.4	24.3	21.0	21.0	20.4	-	-	-
Government.....	15.7	15.8	17.0	30.0	29.9	29.4	18.1	18.0	18.1	-	-	-
PENNSYLVANIA—Continued												
	Texas—Continued			Utah Salt Lake City			Texas—Continued			Texas—Continued		
TOTAL	-	-	-	-	-	-	-	-	-	135.8	134.8	129.3
Mining.....	-	-	-	-	-	-	-	-	-	7.4	7.4	5.8
Contract construction..	-	-	-	-	-	-	-	-	-	9.5	9.1	9.5
Manufacturing.....	53.4	53.4	52.1	90.5	93.2	89.9	23.9	23.8	22.5	23.4	23.3	21.4
Trans. and pub. util...	-	-	-	-	-	-	-	-	-	13.5	13.6	13.8
Trade.....	-	-	-	-	-	-	-	-	-	35.7	35.3	34.4
Finance.....	-	-	-	-	-	-	-	-	-	8.4	8.3	7.9
Service.....	-	-	-	-	-	-	-	-	-	18.3	18.1	17.2
Government.....	-	-	-	-	-	-	-	-	-	19.6	19.7	19.3

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

Table B-8: Employees in nonagricultural establishments for selected areas, by industry division—Continued

Industry division	(In thousands)											
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
	VERMONT						VIRGINIA					
	Burlington ⁵			Springfield ⁵			Norfolk- Portsmouth			Richmond		
TOTAL.....	21.5	21.3	20.3	12.1	11.8	11.3	151.5	150.9	148.8	163.9	162.7	159.8
Mining.....	-	-	-	-	-	-	.2	.2	.2	.2	.2	.2
Contract construction..	-	-	-	-	-	-	15.0	14.4	12.4	12.7	12.7	12.7
Manufacturing.....	5.0	5.0	4.3	6.6	6.3	6.1	16.2	16.1	15.8	42.7	41.5	41.2
Trans. and pub. util...	1.6	1.6	1.6	.7	.7	.7	15.8	15.9	16.5	15.4	15.3	15.2
Trade.....	5.4	5.4	5.3	1.7	1.7	1.7	35.3	35.3	34.8	39.1	39.3	37.5
Finance.....	-	-	-	-	-	-	5.2	5.2	5.3	13.5	13.5	13.2
Service.....	-	-	-	-	-	-	17.2	17.2	16.3	18.1	18.1	18.1
Government.....	-	-	-	-	-	-	46.6	46.6	47.5	22.2	22.1	21.7
	WASHINGTON						WEST VIRGINIA					
	Seattle			Spokane			Tacoma			Charleston		
TOTAL.....	337.8	340.2	334.7	76.4	76.0	74.6	74.9	74.8	73.3	91.0	90.7	88.5
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7.7	7.8	7.5
Contract construction..	17.5	17.0	15.7	5.4	5.3	4.5	4.4	4.3	4.3	5.3	5.1	4.7
Manufacturing.....	108.8	110.9	112.7	14.6	14.3	13.7	17.3	17.3	16.5	25.6	25.2	24.7
Trans. and pub. util...	29.3	28.8	26.6	8.3	8.3	8.6	6.3	6.4	6.1	10.1	10.2	10.0
Trade.....	75.0	75.0	73.7	20.5	20.5	20.4	15.2	15.0	15.0	19.4	19.5	18.6
Finance.....	20.0	20.2	19.4	4.0	4.1	4.4	3.3	3.2	3.1	3.3	3.3	3.3
Service.....	40.3	40.5	40.3	12.0	12.0	11.8	9.0	9.0	8.7	9.7	9.7	9.7
Government.....	46.9	47.8	46.3	11.6	11.5	11.2	19.4	19.6	19.6	10.1	10.0	10.2
	WEST VIRGINIA—Continued						WISCONSIN					
	Huntington- Ashland			Wheeling- Stebenville			Milwaukee			Racine		
TOTAL.....	61.6	66.2	64.7	58.3	109.1	107.2	437.2	443.2	413.8	43.3	43.3	39.9
Mining.....	1.0	1.0	1.0	4.6	4.7	4.6	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	2.6	2.7	3.2	5.3	5.3	6.4	23.1	22.8	22.4	2.5	2.5	2.0
Manufacturing.....	21.0	25.2	22.6	40.3	50.6	47.8	195.1	200.5	177.6	22.1	22.1	19.8
Trans. and pub. util...	5.9	6.1	5.9	8.2	8.7	8.4	29.5	29.4	29.5	1.9	1.9	1.9
Trade.....	14.1	14.2	14.6	18.9	19.0	19.0	80.0	80.5	80.0	6.7	6.7	6.7
Finance.....	2.2	2.2	2.2	3.0	3.0	2.9	21.0	20.9	20.9	.9	.9	.9
Service.....	6.7	6.7	6.7	10.3	10.4	10.4	47.6	48.5	47.5	5.1	5.1	4.6
Government.....	8.3	8.3	8.8	7.8	7.7	7.8	41.0	40.6	41.0	4.1	4.1	4.0
	WYOMING											
	Casper											
TOTAL.....	-	-	-	-	-	-	-	-	-	-	-	-
Mining.....	3.4	3.4	3.6	-	-	-	-	-	-	-	-	-
Contract construction..	2.2	2.5	1.5	-	-	-	-	-	-	-	-	-
Manufacturing.....	1.8	1.8	1.8	-	-	-	-	-	-	-	-	-
Trans. and pub. util...	1.5	1.6	1.7	-	-	-	-	-	-	-	-	-
Trade.....	4.4	4.4	4.3	-	-	-	-	-	-	-	-	-
Finance.....	.8	.7	.6	-	-	-	-	-	-	-	-	-
Service.....	2.2	2.1	1.9	-	-	-	-	-	-	-	-	-
Government.....	-	-	-	-	-	-	-	-	-	-	-	-

*1945 SIC and 1942 SSB Industrial Classification.

¹Combined with service.²Combined with construction.³Revised series; not strictly comparable with previously published data.⁴Not available.⁵Total includes data for industry divisions not shown separately.⁶Combined with manufacturing.⁷Subarea of New York-Northeastern New Jersey.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

Table C-1: Gross hours and earnings of production workers in manufacturing

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.....	\$22.08	46.3	\$0.477	-	-	-	-	-	-
1920.....	26.30	47.4	.555	-	-	-	-	-	-
1921.....	22.18	43.1	.515	-	-	-	-	-	-
1922.....	21.51	44.2	.487	-	-	-	-	-	-
1923.....	23.82	45.6	.522	\$25.78	-	-	\$21.94	-	-
1924.....	23.93	43.7	.547	25.84	-	-	22.07	-	-
1925.....	24.37	44.5	.547	25.39	-	-	22.44	-	-
1926.....	24.65	45.0	.548	26.61	-	-	22.75	-	-
1927.....	24.74	45.0	.550	26.66	-	-	23.01	-	-
1928.....	24.97	44.4	.562	27.24	-	-	22.88	-	-
1929.....	25.03	44.2	.566	27.22	-	-	22.93	-	-
1930.....	23.25	42.1	.552	24.77	-	-	21.84	-	-
1931.....	20.87	40.5	.515	21.28	-	-	20.50	-	-
1932.....	17.05	38.3	.446	16.21	32.6	\$0.497	17.57	41.9	\$0.420
1933.....	16.73	38.1	.442	16.43	34.8	.472	16.89	40.0	.427
1934.....	18.40	34.6	.532	18.87	33.9	.556	18.05	35.1	.515
1935.....	20.13	36.6	.550	21.52	37.3	.577	19.11	36.1	.530
1936.....	21.78	39.2	.556	24.04	41.0	.586	19.94	37.7	.529
1937.....	24.05	38.6	.624	26.91	40.0	.674	21.53	37.4	.577
1938.....	22.30	35.6	.627	24.01	35.0	.686	21.05	36.1	.584
1939.....	23.86	37.7	.633	26.50	38.0	.698	21.78	37.4	.582
1940.....	25.20	38.1	.661	28.44	39.3	.724	22.27	37.0	.602
1941.....	29.58	40.6	.729	34.04	42.1	.808	24.92	38.9	.640
1942.....	36.65	42.9	.853	42.73	45.1	.947	29.13	40.3	.723
1943.....	43.14	44.9	.961	49.30	46.6	1.059	34.12	42.5	.803
1944.....	46.08	45.2	1.019	52.07	46.6	1.117	37.12	43.1	.861
1945.....	44.39	43.4	1.023	49.05	44.1	1.111	38.29	42.3	.904
1946.....	43.82	40.4	1.086	46.49	40.2	1.156	41.14	40.5	1.015
1947.....	49.97	40.4	1.237	52.46	40.6	1.292	46.96	40.1	1.171
1948.....	54.14	40.1	1.350	57.11	40.5	1.410	50.61	39.6	1.278
1949.....	54.92	39.2	1.401	58.03	39.5	1.469	51.41	38.8	1.325
1950.....	59.33	40.5	1.465	63.32	41.2	1.537	54.71	39.7	1.378
1951.....	64.71	40.7	1.59	69.47	41.6	1.67	58.46	39.5	1.48
1952.....	67.97	40.7	1.67	73.46	41.5	1.77	60.98	39.6	1.54
1953.....	71.69	40.5	1.77	77.23	41.3	1.87	63.60	39.5	1.61
1954.....	71.86	39.7	1.81	77.18	40.2	1.92	64.74	39.0	1.66
1955.....	76.52	40.7	1.88	83.21	41.4	2.01	68.06	39.8	1.71
1956.....	79.99	40.4	1.98	85.31	41.1	2.10	71.10	39.5	1.80
1957.....	82.39	39.8	2.07	88.66	40.3	2.20	73.51	39.1	1.88
1958.....	83.50	39.2	2.13	90.29	39.6	2.28	75.27	38.8	1.94
1958: September.....	85.39	39.9	2.14	92.46	40.2	2.30	77.03	39.5	1.95
October.....	85.17	39.8	2.14	91.83	40.1	2.29	76.83	39.4	1.95
November.....	86.58	39.9	2.17	94.30	40.3	2.34	77.22	39.4	1.96
December.....	88.04	40.2	2.19	96.29	40.8	2.36	78.01	39.6	1.97
1959: January.....	87.38	39.9	2.19	94.94	40.4	2.35	77.81	39.3	1.98
February.....	88.00	40.0	2.20	95.11	40.3	2.36	78.01	39.4	1.98
March.....	89.24	40.2	2.22	97.10	40.8	2.38	79.00	39.5	2.00
April.....	89.87	40.3	2.23	97.75	40.9	2.39	79.00	39.5	2.00
May.....	90.32	40.5	2.23	98.64	41.1	2.40	79.40	39.7	2.00
June.....	91.17	40.7	2.24	99.36	41.4	2.40	79.60	39.8	2.00
July.....	89.65	40.2	2.23	96.80	40.5	2.39	80.00	39.8	2.01
August.....	88.70	40.5	2.19	96.12	40.9	2.35	80.00	40.0	2.00
September.....	89.28	40.4	2.21	96.05	40.7	2.36	80.60	39.9	2.02

NOTE: Data on hours of work based on the household survey are shown in tables A-15 through A-19.

Data for the 2 most recent months are preliminary.

Table C-2: Gross hours and earnings of production workers in manufacturing, by major industry group

Major industry group	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Sept. 1959	Aug. 1959	Sept. 1958	Sept. 1959	Aug. 1959	Sept. 1958	Sept. 1959	Aug. 1959	Sept. 1958
MANUFACTURING	\$89.28	\$88.70	\$85.39	40.4	40.5	39.9	\$2.21	\$2.19	\$2.14
DURABLE GOODS	96.05	96.12	92.46	40.7	40.9	40.2	2.36	2.35	2.30
NONDURABLE GOODS	80.60	80.00	77.03	39.9	40.0	39.5	2.02	2.00	1.95
<i>Durable Goods</i>									
Ordnance and accessories.....	105.47	103.89	103.00	41.2	40.9	41.2	2.56	2.54	2.50
Lumber and wood products.....	79.80	82.40	80.12	40.1	41.3	41.3	1.99	2.00	1.94
Furniture and fixtures.....	75.95	76.31	73.80	41.5	41.7	41.0	1.83	1.83	1.80
Stone, clay, and glass products.....	92.10	92.57	88.78	41.3	41.7	41.1	2.23	2.22	2.16
Primary metal industries.....	106.27	105.34	106.74	40.1	39.9	39.1	2.65	2.64	2.73
Fabricated metal products.....	98.71	98.77	93.89	41.3	41.5	41.0	2.39	2.38	2.29
Machinery (except electrical).....	102.50	103.00	95.60	41.0	41.2	40.0	2.50	2.50	2.39
Electrical machinery.....	89.87	89.47	87.26	40.3	40.3	40.4	2.23	2.22	2.16
Transportation equipment.....	110.70	108.14	100.96	40.7	40.2	39.6	2.72	2.69	2.55
Instruments and related products.....	92.80	92.90	89.47	40.7	40.7	40.3	2.28	2.28	2.22
Miscellaneous manufacturing industries.....	75.98	77.14	74.19	40.2	40.6	40.1	1.89	1.90	1.85
<i>Nondurable Goods</i>									
Food and kindred products.....	85.90	84.87	82.78	41.7	41.2	41.6	2.06	2.06	1.99
Tobacco manufactures.....	63.71	65.77	60.15	41.1	40.6	40.1	1.55	1.62	1.50
Textile-mill products.....	64.55	64.87	59.95	40.6	40.8	39.7	1.59	1.59	1.51
Apparel and other finished textile products.....	56.00	56.70	55.23	36.6	37.3	36.1	1.53	1.52	1.53
Paper and allied products.....	86.34	95.68	91.38	43.2	43.1	42.7	2.23	2.22	2.14
Printing, publishing, and allied industries.....	108.56	103.79	99.56	38.3	38.3	38.0	2.73	2.71	2.62
Chemicals and allied products.....	102.09	100.53	95.94	41.5	41.2	41.0	2.46	2.44	2.34
Products of petroleum and coal.....	119.48	115.30	112.33	41.2	40.6	40.7	2.90	2.84	2.76
Rubber products.....	106.09	105.58	97.81	42.1	42.4	40.8	2.52	2.49	2.39
Leather and leather products.....	58.77	60.44	57.99	36.5	37.9	36.7	1.61	1.60	1.58

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

Table C-3: Average overtime hours and average hourly earnings excluding overtime
of production workers in manufacturing, by major industry group

Major industry group	Average overtime hours					Average hourly earnings excluding overtime ¹		
	Sept. 1959	Aug. 1959	July 1959	Sept. 1958	Aug. 1958	Sept. 1959	Aug. 1959	Sept. 1958
MANUFACTURING	2.9	3.0	2.7	2.4	2.3	2.12	2.16	2.07
DURABLE GOODS	2.9	3.0	2.7	2.3	2.1	2.27	2.31	2.23
NONDURABLE GOODS	2.9	2.9	2.8	2.6	2.4	1.93	1.95	1.88
<i>Durable Goods</i>								
Ordnance and accessories.....	-	2.1	2.1	2.4	2.1	2.48	2.49	2.42
Lumber and wood products.....	-	4.2	3.5	3.7	3.5	1.90	1.89	1.83
Furniture and fixtures.....	-	3.4	2.8	3.0	2.6	1.76	1.77	1.73
Stone, clay, and glass products.....	-	3.9	3.6	3.4	3.2	2.12	2.13	2.05
Primary metal industries.....	-	2.9	2.4	1.7	1.4	2.55	2.73	2.65
Fabricated metal products.....	-	3.3	3.0	2.6	2.5	2.29	2.29	2.22
Machinery (except electrical).....	-	2.9	2.8	1.8	1.5	2.41	2.41	2.33
Electrical machinery.....	-	2.4	2.1	2.2	1.6	2.16	2.17	2.10
Transportation equipment.....	-	2.7	2.6	2.0	2.1	2.60	2.57	2.48
Instruments and related products.....	-	2.2	2.4	1.8	1.5	2.22	2.22	2.17
Miscellaneous manufacturing industries.....	-	2.8	2.4	2.4	2.1	1.83	1.84	1.80
<i>Nondurable Goods</i>								
Food and kindred products.....	-	3.5	3.4	3.5	3.2	1.97	2.00	1.89
Tobacco manufactures.....	-	1.6	1.8	1.3	1.6	1.59	1.72	1.55
Textile-mill products.....	-	3.3	3.1	2.5	2.3	1.52	1.52	1.46
Apparel and other finished textile products.....	-	1.7	1.4	1.3	1.3	1.49	1.48	1.49
Paper and allied products.....	-	4.9	4.7	4.5	4.4	2.10	2.10	2.03
Printing, publishing, and allied industries.....	-	3.1	2.9	2.7	2.6	(2)	(2)	(2)
Chemicals and allied products.....	-	2.6	2.4	2.2	2.1	2.37	2.37	2.28
Products of petroleum and coal.....	-	2.1	2.3	1.8	1.7	2.77	2.82	2.67
Rubber products.....	-	4.8	4.8	3.0	3.0	2.36	2.38	2.30
Leather and leather products.....	-	1.2	1.3	1.2	1.2	1.58	1.57	1.54

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: Indexes of aggregate weekly man-hours and payrolls
in industrial and construction activities¹**

(1947-49=100)

Activity	Sept. 1959	Aug. 1959	July 1959	Sept. 1958	Aug. 1958
	Man-hours				
TOTAL	102.2	103.1	104.0	99.6	97.3
MINING	56.8	60.9	66.9	68.3	67.4
CONTRACT CONSTRUCTION	134.0	145.5	140.1	136.1	137.9
MANUFACTURING	100.7	99.9	101.3	96.5	93.5
DURABLE GOODS	103.4	101.9	108.0	98.6	94.0
NONDURABLE GOODS	97.5	97.5	93.2	94.0	92.8
<i>Durable Goods</i>					
Ordnance and accessories.....	328.1	317.9	322.0	305.0	293.5
Lumber and wood products.....	80.8	84.8	83.2	79.8	77.4
Furniture and fixtures.....	112.9	111.6	108.0	105.1	100.7
Stone, clay, and glass products.....	110.4	110.2	108.9	101.9	99.3
Primary metal industries.....	59.7	61.5	96.4	86.3	81.9
Fabricated metal products.....	111.5	109.6	110.5	107.0	101.3
Machinery (except electrical).....	102.0	101.4	102.5	66.9	83.2
Electrical machinery.....	137.9	133.5	130.7	120.0	113.6
Transportation equipment.....	122.2	114.2	123.1	108.7	103.2
Instruments and related products.....	119.4	117.2	116.9	106.5	102.0
Miscellaneous manufacturing industries.....	108.0	105.5	98.6	98.9	93.6
<i>Nondurable Goods</i>					
Food and kindred products.....	96.4	96.5	86.9	98.1	97.0
Tobacco manufactures.....	101.5	90.9	67.0	95.8	84.1
Textile-mill products.....	76.2	76.2	74.2	71.8	70.6
Apparel and other finished textile products.....	107.0	109.1	102.6	101.2	101.1
Paper and allied products.....	116.4	114.5	113.5	112.2	110.3
Printing, publishing, and allied industries.....	114.7	113.0	111.4	110.0	108.5
Chemicals and allied products.....	105.5	104.0	102.5	99.2	97.2
Products of petroleum and coal.....	82.1	81.2	86.1	85.0	84.3
Rubber products.....	110.0	108.3	108.6	96.2	92.1
Leather and leather products.....	90.6	94.7	94.5	86.8	88.8
	Payrolls				
MINING	-	96.6	106.5	105.5	103.6
CONTRACT CONSTRUCTION	-	255.6	244.4	232.9	232.8
MANUFACTURING	167.9	165.0	170.2	155.7	150.0

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.

**Table C-5: Gross and spendable average weekly earnings in industrial and construction activities,
in current and 1947-49 dollars¹**

Type of earnings	Mining			Contract construction			Manufacturing		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
Gross average weekly earnings:									
Current dollars.....	\$108.09	\$103.49	\$101.24	\$119.18	\$116.56	\$113.70	\$88.70	\$89.65	\$84.35
1947-49 dollars.....	86.61	82.86	81.84	95.50	93.32	91.92	71.07	71.78	68.19
Spendable average weekly earnings:									
Worker with no dependents:									
Current dollars.....	87.34	83.81	82.58	95.83	93.82	92.12	72.23	72.97	69.14
1947-49 dollars.....	69.98	67.10	66.76	76.79	75.12	74.47	57.88	58.42	55.89
Worker with 3 dependents:									
Current dollars.....	95.55	91.78	90.43	104.65	102.50	100.64	79.75	80.50	76.58
1947-49 dollars.....	76.56	73.48	73.10	83.85	82.07	81.36	63.90	64.45	61.91

¹See footnote, table C-4.

NOTE: Data for the current month are preliminary.

Table C-6: Gross hours and earnings of production workers,¹ by industry

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
MINING.....	\$108.09	\$103.49	\$101.24	41.1	39.2	39.7	\$2.63	\$2.64	\$2.55
METAL MINING.....	99.54	93.14	95.63	40.3	36.1	37.0	2.47	2.58	2.53
Iron mining.....	75.82	84.10	105.28	25.7	28.9	37.2	2.95	2.91	2.83
Copper mining.....	108.46	100.85	87.71	42.7	40.5	35.8	2.54	2.49	2.45
Lead and zinc mining.....	93.79	89.24	83.16	41.5	38.0	30.5	2.26	2.30	2.16
ANTHRACITE MINING.....	76.73	72.20	74.59	27.9	(2)	20.0	2.75	(2)	2.59
BITUMINOUS-COAL MINING.....	118.70	104.90	105.90	36.3	32.5	33.3	3.27	3.23	3.00
CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION: Petroleum and natural-gas production (except contract services).....	115.75	117.31	106.67	40.9	41.6	40.1	2.83	2.82	2.66
NONMETALLIC MINING AND QUARRYING.....	98.99	98.32	93.39	45.2	45.1	44.9	2.19	2.18	2.08
CONTRACT CONSTRUCTION.....	119.13	116.56	113.70	38.2	37.6	37.9	3.12	3.10	3.00
NONBUILDING CONSTRUCTION.....	121.69	118.30	114.66	43.0	42.1	42.0	2.83	2.81	2.73
Highway and street construction.....	119.71	115.44	112.31	44.5	43.4	43.7	2.69	2.66	2.57
Other nonbuilding construction.....	123.45	121.29	116.87	41.3	40.7	40.3	2.99	2.90	2.90
BUILDING CONSTRUCTION.....	118.50	116.16	113.40	36.8	36.3	36.7	3.22	3.20	3.09
GENERAL CONTRACTORS.....	109.66	107.15	106.40	36.0	36.2	37.1	2.98	2.96	2.87
SPECIAL-TRADE CONTRACTORS.....	123.65	120.80	117.90	36.0	36.3	35.5	3.36	3.33	3.23
Plumbing and heating.....	131.06	129.26	124.97	38.1	38.0	38.1	3.44	3.42	3.28
Painting and decorating.....	117.00	114.95	110.76	36.0	35.7	35.5	3.25	3.22	3.12
Electrical work.....	143.35	145.00	136.70	38.8	39.0	38.2	3.71	3.72	3.58
Other special-trade contractors.....	118.74	114.37	112.46	36.2	35.3	35.7	3.28	3.24	3.15
MANUFACTURING.....	88.70	89.65	84.35	40.5	40.2	39.6	2.19	2.23	2.13
DURABLE GOODS.....	96.12	96.80	91.14	40.9	40.5	39.8	2.35	2.39	2.29
NONDURABLE GOODS.....	80.00	80.00	76.64	40.0	39.8	39.4	2.00	2.01	1.93
<i>Durable Goods</i>									
ORDNANCE AND ACCESSORIES.....	103.09	105.06	100.69	40.9	41.2	40.6	2.54	2.55	2.40
LUMBER AND WOOD PRODUCTS.....	82.60	80.19	77.74	41.3	40.5	40.7	2.00	1.90	1.91
Sawmills and planing mills.....	81.40	79.13	76.70	42.0	41.0	40.8	1.94	1.93	1.88
Sawmills and planing mills, general.....	82.74	80.36	77.52	42.0	41.0	40.8	1.97	1.96	1.90
South.....	55.55	54.23	52.33	43.4	42.7	42.2	1.28	1.27	1.24
West.....	102.59	98.80	94.33	41.2	40.0	39.8	2.49	2.47	2.37
Millwork, plywood, prefabricated structural wood products.....	86.32	83.85	82.57	41.7	40.9	41.7	2.07	2.05	1.98
Millwork.....	84.00	82.70	82.74	42.0	41.6	42.0	2.00	1.99	1.97
Plywood.....	89.87	85.22	83.16	41.8	40.2	42.0	2.15	2.12	1.98
Wooden containers.....	60.94	60.53	59.60	40.9	40.9	41.1	1.49	1.48	1.45
Wooden boxes, other than cigar.....	61.01	61.30	60.03	41.5	41.7	41.4	1.47	1.47	1.45
Miscellaneous wood products.....	66.58	66.74	64.40	41.1	41.2	40.5	1.62	1.62	1.59
FURNITURE AND FIXTURES.....	76.31	74.66	72.09	41.7	40.8	40.5	1.83	1.83	1.78
Household furniture.....	72.80	71.34	68.61	41.6	41.0	40.6	1.75	1.74	1.69
Wood household furniture, except upholstered.....	65.68	65.36	61.20	42.1	41.9	40.8	1.56	1.56	1.50
Wood household furniture, upholstered.....	76.36	72.74	74.21	40.4	38.9	39.9	1.89	1.87	1.86
Mattresses and bedsprings.....	86.72	84.04	82.15	42.3	41.4	41.7	2.05	2.03	1.97
Office, public-building, and professional furniture.....	89.46	87.57	82.22	42.6	41.7	40.5	2.10	2.10	2.03
Wood office furniture.....	72.71	70.52	64.94	43.8	43.0	41.1	1.66	1.64	1.58
Metal office furniture.....	96.04	96.35	85.50	41.3	41.0	38.0	2.34	2.35	2.25
Partitions, shelving, lockers, and fixtures.....	96.60	87.71	83.48	42.0	30.3	39.5	2.30	2.29	2.24
Screens, blinds, and misc. furniture and fixtures.....	73.26	74.48	72.22	40.7	40.7	40.8	1.80	1.83	1.77
STONE, CLAY, AND GLASS PRODUCTS.....	92.57	92.13	86.90	41.7	41.5	40.8	2.22	2.22	2.13
Flat glass.....	128.33	131.99	122.13	41.0	41.9	41.0	3.13	3.15	2.98
Glass and glassware, pressed or blown.....	88.80	88.36	85.97	40.0	39.8	39.8	2.22	2.22	2.16
Glass containers.....	89.87	88.80	88.07	40.3	40.0	40.4	2.23	2.22	2.10
Pressed or blown glass.....	87.12	87.30	82.04	39.6	39.5	38.7	2.20	2.21	2.12
Glass products made of purchased glass.....	72.86	72.68	72.68	39.6	39.5	39.5	1.84	1.84	1.84
Cement, hydraulic.....	100.77	101.09	95.58	41.3	41.6	40.5	2.44	2.43	2.36

¹See footnotes at end of table. NOTE: Data for the current month are preliminary.

Table C-6: Gross hours and earnings of production workers,¹ by industry—Continued

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
<i>Durable Goods—Continued</i>									
STONE, CLAY, AND GLASS PRODUCTS—Continued									
Structural clay products.....	\$82.19	\$82.19	\$77.95	41.3	41.3	40.6	\$1.99	\$1.99	\$1.92
Brick and hollow tile.....	78.44	76.86	73.85	43.1	42.7	42.2	1.82	1.80	1.75
Floor and wall tile.....	84.05	85.48	78.59	41.0	41.9	40.3	2.05	2.04	1.95
Sewer pipe.....	80.19	80.39	77.81	39.7	39.6	39.7	2.02	2.03	1.96
Clay refractories.....	90.92	93.51	87.66	38.2	38.8	37.3	2.38	2.41	2.35
Pottery and related products.....	82.04	78.44	71.71	36.7	37.0	35.5	2.12	2.12	2.02
Concrete, gypsum, and plaster products.....	95.82	95.37	90.50	45.2	45.2	44.8	2.12	2.11	2.02
Concrete products.....	92.87	92.57	87.75	45.3	45.6	45.0	2.05	2.03	1.95
Cut-stone and stone products.....	76.59	74.74	73.21	41.4	40.4	40.9	1.85	1.85	1.79
Miscellaneous nonmetallic mineral products.....	96.98	97.58	89.42	41.8	41.7	40.1	2.32	2.34	2.23
Abrasive products.....	97.36	100.53	87.78	39.9	40.7	38.0	2.44	2.47	2.31
Asbestos products.....	105.56	105.08	95.49	43.8	43.6	41.7	2.41	2.41	2.29
Nonclay refractories.....	97.89	106.23	92.13	39.0	40.7	37.0	2.51	2.61	2.49
PRIMARY METAL INDUSTRIES.....	105.34	108.19	103.95	39.9	38.5	38.5	2.64	2.81	2.70
Blast furnaces, steel works, and rolling mills.....	116.80	111.29	112.18	37.8	35.9	37.9	3.09	3.10	2.96
Blast furnaces, steel works, and rolling mills, except electrometallurgical products.....	117.69	111.34	112.56	37.6	35.8	37.9	3.13	3.11	2.97
Electrometallurgical products.....	105.44	104.01	99.65	40.4	39.7	39.7	2.61	2.62	2.51
Iron and steel foundries.....	95.28	98.49	86.25	39.7	40.7	37.5	2.40	2.42	2.30
Gray-iron foundries.....	93.93	97.51	84.15	39.8	40.8	37.4	2.36	2.39	2.25
Malleable-iron foundries.....	95.34	95.82	86.03	40.4	40.6	37.9	2.36	2.36	2.27
Steel foundries.....	99.18	103.38	91.74	39.2	40.7	37.6	2.53	2.54	2.44
Primary smelting and refining of nonferrous metals.....	104.38	105.26	99.54	40.3	40.8	39.5	2.59	2.58	2.52
Primary smelting and refining of copper, lead, and zinc...	96.76	95.30	89.24	41.0	40.9	38.8	2.36	2.33	2.30
Primary refining of aluminum.....	112.31	119.29	115.20	38.2	40.3	40.0	2.94	2.96	2.88
Secondary smelting and refining of nonferrous metals.....	95.26	91.71	89.73	41.6	40.4	40.6	2.29	2.27	2.21
Rolling, drawing, and alloying of nonferrous metals.....	108.62	111.30	103.02	41.3	42.0	40.4	2.63	2.65	2.55
Rolling, drawing, and alloying of copper.....	110.85	109.23	101.52	42.8	42.5	41.1	2.59	2.57	2.47
Rolling, drawing, and alloying of aluminum.....	107.98	116.34	107.20	39.7	42.0	40.0	2.72	2.77	2.68
Nonferrous foundries.....	99.39	99.55	93.60	40.9	40.8	40.0	2.43	2.44	2.34
Miscellaneous primary metal industries.....	112.20	113.99	104.15	41.1	41.3	39.6	2.73	2.76	2.63
Iron and steel forgings.....	113.60	115.71	101.57	40.0	40.6	37.9	2.84	2.85	2.68
Wire drawing.....	109.36	108.47	102.72	41.9	41.4	40.6	2.61	2.62	2.53
Welded and heavy-riveted pipe.....	113.30	116.40	112.34	41.2	40.7	41.3	2.75	2.86	2.72
FABRICATED METAL PRODUCTS.....	98.77	97.17	92.52	41.5	41.0	40.4	2.38	2.37	2.29
Tin cans and other tinware.....	117.12	113.85	110.16	43.7	42.8	42.2	2.68	2.66	2.55
Cutlery, hand tools, and hardware.....	92.03	92.25	86.80	40.9	41.0	40.0	2.25	2.25	2.17
Cutlery and edge tools.....	81.18	80.18	75.05	41.0	40.7	39.5	1.98	1.97	1.90
Hand tools.....	91.94	92.11	84.70	40.5	40.4	38.5	2.27	2.28	2.20
Hardware.....	95.35	94.99	90.98	41.1	41.3	40.8	2.32	2.30	2.23
Heating apparatus (except electric) and plumbers' supplies.....	93.38	92.29	88.58	40.6	40.3	39.9	2.30	2.29	2.22
Sanitary ware and plumbers' supplies.....	96.07	94.01	90.62	39.7	39.5	39.4	2.42	2.38	2.30
Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified.....	92.25	91.58	87.42	41.0	40.7	40.1	2.25	2.25	2.18
Fabricated structural metal products.....	97.20	97.77	96.52	40.5	40.4	40.9	2.40	2.42	2.36
Structural steel and ornamental metal work.....	96.56	96.16	97.23	40.4	39.9	41.2	2.39	2.41	2.36
Metal doors, sash, frames, molding, and trim.....	89.95	90.29	91.30	39.8	39.6	40.4	2.26	2.28	2.26
Boiler-shop products.....	100.94	100.61	95.92	40.7	40.9	39.8	2.48	2.46	2.41
Sheet-metal work.....	102.26	104.50	101.70	41.4	41.8	42.2	2.47	2.50	2.41
Metal stamping, coating, and engraving.....	107.86	102.75	92.10	42.8	41.6	39.7	2.52	2.47	2.32
Vitreous-enameled products.....	85.89	84.53	73.49	44.5	43.8	39.3	1.93	1.93	1.87
Stamped and pressed metal products.....	115.88	109.46	96.07	43.4	42.1	39.7	2.67	2.60	2.42
Lighting fixtures.....	86.48	86.46	81.61	40.6	40.4	40.3	2.13	2.14	2.03
Fabricated wire products.....	86.86	86.40	82.92	40.4	40.0	39.3	2.15	2.16	2.11
Miscellaneous fabricated metal products.....	96.79	97.81	90.68	41.9	41.8	40.3	2.31	2.34	2.25
Metal shipping barrels, drums, kegs, and pails.....	116.69	111.83	110.25	44.2	42.2	42.9	2.64	2.65	2.57
Steel springs.....	104.78	106.30	91.54	40.3	41.2	38.3	2.60	2.58	2.39
Bolts, nuts, washers, and rivets.....	99.18	101.70	91.64	41.8	42.2	39.5	2.38	2.41	2.32
Screw-machine products.....	92.60	91.30	86.43	41.9	41.5	40.2	2.21	2.20	2.15
MACHINERY (EXCEPT ELECTRICAL).....	103.00	103.25	93.77	41.2	41.3	39.4	2.50	2.50	2.38
Engines and turbines.....	110.27	108.81	101.12	41.3	40.6	39.5	2.67	2.68	2.56
Steam engines, turbines, and water wheels.....	113.81	110.71	111.93	40.5	39.4	40.7	2.81	2.81	2.75
Diesel and other internal-combustion engines, not elsewhere classified.....	109.15	108.39	97.36	41.5	40.9	39.1	2.63	2.65	2.49
Agricultural machinery and tractors.....	101.35	103.31	95.04	39.9	40.2	39.6	2.54	2.57	2.40
Tractors.....	104.15	105.21	98.36	39.6	39.7	39.5	2.63	2.65	2.49
Agricultural machinery (except tractors).....	97.53	100.37	91.87	40.3	40.8	39.6	2.42	2.46	2.32

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

Table C-6: Gross hours and earnings of production workers,¹ by industry—Continued

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
<i>Durable Goods—Continued</i>									
MACHINERY (EXCEPT ELECTRICAL)—Continued									
Construction and mining machinery.....	\$103.57	\$102.34	\$93.22	42.1	41.6	39.5	\$2.46	\$2.46	\$2.36
Construction and mining machinery, except for oil fields..	101.02	100.53	92.98	40.9	40.7	39.4	2.47	2.47	2.36
Oil-field machinery and tools.....	109.84	107.07	93.06	45.2	43.7	39.6	2.43	2.45	2.35
Metalworking machinery.....	113.21	111.33	97.41	42.4	42.5	38.5	2.67	2.69	2.53
Machine tools.....	106.93	105.75	88.77	42.1	41.8	37.3	2.54	2.53	2.38
Metalworking machinery (except machine tools).....	107.68	107.53	98.58	41.1	41.2	38.9	2.62	2.61	2.56
Machine-tool accessories.....	118.68	120.21	101.40	43.0	43.3	39.0	2.76	2.79	2.60
Special-industry machinery (except metalworking machinery).	98.23	97.58	89.72	41.8	41.7	39.7	2.35	2.34	2.26
Food-products machinery.....	99.36	98.71	96.00	41.4	41.3	41.2	2.40	2.39	2.33
Textile machinery.....	83.83	84.03	76.83	41.5	41.6	39.0	2.02	2.02	1.97
Paper-industries machinery.....	98.41	100.91	89.10	41.7	42.4	39.6	2.36	2.38	2.25
Printing-trades machinery and equipment.....	113.18	110.04	95.06	43.2	42.0	38.8	2.62	2.62	2.45
General industrial machinery.....	102.09	101.43	93.22	41.5	41.4	39.5	2.46	2.45	2.36
Pumps, air and gas compressors.....	97.64	98.29	90.23	41.2	41.3	39.4	2.37	2.38	2.29
Conveyors and conveying equipment.....	108.36	106.24	93.94	42.0	41.5	38.5	2.58	2.56	2.44
Blowers, exhaust and ventilating fans.....	93.32	94.25	90.68	40.4	40.8	40.3	2.31	2.31	2.25
Industrial trucks, tractors, etc.....	112.41	108.71	97.75	43.4	42.8	40.9	2.59	2.54	2.39
Mechanical power-transmission equipment.....	104.41	105.00	91.80	42.1	42.0	38.9	2.48	2.50	2.36
Mechanical stokers and industrial furnaces and ovens.....	99.54	97.86	91.03	42.0	42.0	38.9	2.37	2.33	2.34
Office and store machines and devices.....	97.07	99.80	93.46	39.3	40.9	39.6	2.47	2.44	2.36
Computing machines and cash registers.....	106.66	109.45	103.42	39.8	41.3	40.4	2.68	2.65	2.56
Typewriters.....	85.84	87.15	77.40	40.3	41.5	38.7	2.13	2.10	2.00
Service-industry and household machines.....	96.96	96.96	91.31	40.4	40.4	39.7	2.40	2.40	2.30
Domestic laundry equipment.....	102.92	99.47	98.23	41.5	40.6	41.8	2.48	2.45	2.35
Commercial laundry, dry-cleaning, and pressing machines..	93.04	87.85	86.33	42.1	40.3	39.6	2.21	2.18	2.18
Sewing machines.....	98.29	98.36	87.85	41.3	41.5	38.7	2.38	2.37	2.27
Refrigerators and air-conditioning units.....	96.07	97.93	91.64	39.7	40.3	39.5	2.42	2.43	2.32
Miscellaneous machinery parts.....	101.60	102.83	92.73	41.3	41.8	39.8	2.46	2.46	2.33
Fabricated pipe, fittings, and valves.....	96.80	100.04	92.04	40.0	41.0	39.5	2.42	2.44	2.33
Ball and roller bearings.....	104.49	102.09	88.24	41.3	41.0	38.2	2.53	2.49	2.31
Machine shops (job and repair).....	102.90	104.13	94.54	42.0	42.5	40.4	2.45	2.45	2.34
ELECTRICAL MACHINERY.....	89.47	89.02	84.96	40.3	40.1	39.7	2.22	2.22	2.14
Electrical generating, transmission, distribution, and industrial apparatus.....	94.19	94.60	89.33	40.6	40.6	39.7	2.32	2.33	2.25
Wiring devices and supplies.....	81.33	82.78	79.18	39.1	39.8	39.2	2.08	2.08	2.02
Carbon and graphite products (electrical).....	95.06	94.89	86.29	40.8	40.9	39.4	2.33	2.32	2.19
Electrical indicating, measuring, and recording instruments.....	86.48	84.35	83.13	40.6	39.6	39.4	2.13	2.13	2.11
Motors, generators, and motor-generator sets.....	100.53	101.43	96.00	40.7	40.9	40.0	2.47	2.48	2.40
Power and distribution transformers.....	100.60	100.60	91.64	41.4	41.4	39.5	2.43	2.43	2.32
Switchgear, switchboard, and industrial controls.....	98.33	98.57	92.10	40.8	40.9	39.7	2.41	2.41	2.32
Electrical welding apparatus.....	109.47	111.64	90.63	43.1	44.3	40.1	2.54	2.52	2.26
Electrical appliances.....	88.26	89.04	84.37	39.4	39.4	38.7	2.24	2.26	2.18
Insulated wire and cable.....	83.22	86.94	84.24	40.4	41.4	40.5	2.06	2.10	2.08
Electrical equipment for vehicles.....	89.39	94.47	88.62	38.2	40.2	38.7	2.34	2.35	2.29
Electric lamps.....	86.48	83.95	80.16	40.6	39.6	39.1	2.13	2.12	2.05
Communication equipment.....	86.86	85.14	82.59	40.4	39.6	39.9	2.15	2.15	2.07
Radios, phonographs, television sets, and equipment.....	85.22	84.80	81.40	40.2	40.0	40.1	2.12	2.12	2.03
Radio tubes.....	79.40	75.83	74.30	39.9	38.3	38.9	1.99	1.98	1.91
Telephone, telegraph, and related equipment.....	102.48	95.52	94.87	42.0	39.8	40.2	2.44	2.40	2.36
Miscellaneous electrical products.....	90.64	90.01	83.18	41.2	41.1	39.8	2.20	2.19	2.09
Storage batteries.....	106.57	105.22	93.26	42.8	42.6	40.2	2.49	2.47	2.32
Primary batteries (dry and wet).....	72.18	72.00	70.22	40.1	40.0	39.9	1.80	1.80	1.76
X-ray and nonradio electronic tubes.....	100.85	99.70	93.26	40.5	40.2	40.2	2.49	2.48	2.32
TRANSPORTATION EQUIPMENT.....	108.14	108.53	102.00	40.2	40.8	40.0	2.69	2.66	2.55
Motor vehicles and equipment.....	109.87	111.10	99.82	40.1	41.3	39.3	2.74	2.69	2.54
Motor vehicles, bodies, parts, and accessories.....	112.12	112.75	100.66	39.9	41.3	39.1	2.81	2.73	2.60
Truck and bus bodies.....	103.70	102.12	89.20	42.5	42.2	40.0	2.44	2.42	2.23
Trailers (truck and automobile).....	87.57	86.86	85.28	41.5	40.4	41.0	2.11	2.15	2.08
Aircraft and parts.....	107.45	106.78	104.04	40.7	40.6	40.8	2.64	2.63	2.55
Aircraft.....	107.87	106.40	104.34	40.4	40.0	40.6	2.67	2.66	2.57
Aircraft engines and parts.....	106.90	109.52	102.47	40.8	41.8	40.5	2.62	2.62	2.53
Aircraft propellers and parts.....	100.28	100.53	92.83	40.6	40.7	39.5	2.47	2.47	2.35
Other aircraft parts and equipment.....	106.97	106.14	105.84	41.3	41.3	42.0	2.59	2.57	2.52
Ship and boat building and repairing.....	102.57	102.70	100.98	39.0	39.2	39.6	2.63	2.62	2.55
Ship building and repairing.....	106.74	106.74	104.01	39.1	39.1	39.7	2.73	2.73	2.62
Boat building and repairing.....	76.42	77.03	77.79	38.4	39.3	38.7	1.99	1.96	2.01
Railroad equipment.....	109.85	111.38	97.94	39.8	40.5	37.1	2.76	2.75	2.64
Locomotives and parts.....	110.29	112.47	102.97	40.4	41.5	39.3	2.73	2.71	2.62
Railroad and street cars.....	109.69	110.68	95.40	39.6	40.1	36.0	2.77	2.76	2.65
Other transportation equipment.....	91.27	86.43	83.35	41.3	40.2	39.5	2.21	2.15	2.11

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

Table C-6: Gross hours and earnings of production workers,¹ by industry—Continued

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
Durable Goods—Continued									
INSTRUMENTS AND RELATED PRODUCTS.....	\$92.80	\$93.71	\$87.96	40.7	41.1	39.8	\$2.28	\$2.28	\$2.21
Laboratory, scientific, and engineering instruments.....	111.57	109.93	104.70	42.1	41.8	40.9	2.65	2.63	2.56
Mechanical measuring and controlling instruments.....	91.53	93.52	86.90	40.5	41.2	39.5	2.26	2.27	2.20
Optical instruments and lenses.....	94.25	93.30	91.24	40.8	41.1	41.1	2.31	2.27	2.22
Surgical, medical, and dental instruments.....	83.03	83.64	79.39	40.5	41.0	40.3	2.05	2.04	1.97
Ophthalmic goods.....	75.06	78.94	69.55	39.3	40.9	37.8	1.91	1.93	1.84
Photographic apparatus.....	103.89	105.32	97.20	40.9	41.3	40.0	2.54	2.55	2.43
Watches and clocks.....	77.97	77.01	73.52	40.4	39.9	38.9	1.93	1.93	1.89
MISCELLANEOUS MANUFACTURING INDUSTRIES.....	77.14	75.60	72.68	40.6	40.0	39.5	1.90	1.89	1.84
Jewelry, silverware, and plated ware.....	80.26	75.17	74.34	41.8	40.2	40.4	1.92	1.87	1.84
Jewelry and findings.....	76.08	71.86	71.28	41.8	40.6	40.5	1.82	1.77	1.76
Silverware and plated ware.....	91.54	83.89	83.79	41.8	39.2	39.9	2.19	2.14	2.10
Musical instruments and parts.....	89.16	85.24	85.65	40.9	40.4	40.4	2.18	2.11	2.12
Toys and sporting goods.....	68.73	67.69	66.52	39.5	38.9	38.9	1.74	1.74	1.71
Games, toys, dolls, and children's vehicles.....	66.76	64.68	63.86	39.5	38.5	38.7	1.69	1.68	1.65
Sporting and athletic goods.....	73.47	74.24	72.68	39.5	39.7	39.5	1.86	1.87	1.84
Pens, pencils, other office supplies.....	72.04	68.82	66.42	40.7	39.1	39.3	1.77	1.76	1.69
Costume jewelry, buttons, notions.....	69.48	66.39	65.02	39.7	38.6	38.7	1.75	1.72	1.68
Fabricated plastics products.....	82.98	83.40	79.77	41.7	41.7	40.7	1.99	2.00	1.96
Other manufacturing industries.....	80.39	79.79	75.46	40.6	40.3	39.1	1.98	1.98	1.93
Nondurable Goods									
FOOD AND KINDRED PRODUCTS.....	84.87	85.48	81.56	41.2	40.9	41.4	2.06	2.09	1.97
Meat products.....	95.06	95.53	89.87	40.8	41.0	40.3	2.33	2.33	2.23
Meat packing, wholesale.....	107.12	108.16	100.28	41.2	41.6	40.6	2.60	2.60	2.47
Sausages and casings.....	100.44	100.96	94.81	42.2	42.6	41.4	2.38	2.37	2.29
Dairy products.....	86.11	87.56	83.73	41.6	42.3	42.5	2.07	2.07	1.97
Condensed and evaporated milk.....	86.50	87.77	83.00	40.8	41.4	41.5	2.12	2.12	2.00
Ice cream and ices.....	90.91	94.61	89.03	41.7	43.2	42.6	2.18	2.19	2.09
Canning and preserving.....	71.21	66.52	69.47	41.4	38.9	42.1	1.72	1.71	1.65
Sea food, canned and cured.....	61.43	55.87	59.47	32.5	30.7	33.6	1.89	1.82	1.77
Canned fruits, vegetables, and soups.....	74.30	69.32	72.67	42.7	40.3	43.0	1.74	1.72	1.69
Grain-mill products.....	94.37	93.49	90.37	44.1	44.1	44.3	2.14	2.12	2.04
Flour and other grain-mill products.....	98.35	95.26	93.87	44.5	44.1	44.7	2.21	2.16	2.10
Prepared feeds.....	85.12	86.40	83.51	44.8	45.0	44.9	1.90	1.92	1.86
Bakery products.....	83.21	84.25	79.79	40.2	40.7	40.3	2.07	2.07	1.98
Bread and other bakery products.....	85.86	86.30	81.61	40.5	40.9	40.4	2.12	2.11	2.02
Biscuit, crackers, and pretzels.....	74.29	76.02	72.83	39.1	39.8	39.8	1.90	1.91	1.83
Sugar.....	94.07	94.58	93.04	40.9	41.3	42.1	2.30	2.29	2.21
Cane-sugar refining.....	107.14	105.35	104.48	43.2	43.0	43.9	2.48	2.45	2.38
Beet sugar.....	82.13	84.63	81.72	38.2	39.0	39.1	2.15	2.17	2.09
Confectionery and related products.....	69.87	69.92	68.45	39.7	39.5	40.5	1.76	1.77	1.69
Confectionery.....	66.64	67.03	66.33	39.2	39.2	40.2	1.70	1.71	1.65
Beverages.....	99.01	99.90	94.07	41.6	41.8	40.9	2.38	2.39	2.30
Bottled soft drinks.....	75.65	75.82	72.54	44.5	44.6	43.7	1.70	1.70	1.66
Malt liquors.....	119.50	122.70	113.83	40.1	40.9	39.8	2.98	3.00	2.86
Distilled, rectified, and blended liquors.....	96.56	91.80	88.53	40.4	38.9	39.0	2.39	2.36	2.27
Miscellaneous food products.....	85.07	84.44	81.16	41.7	41.8	41.2	2.04	2.02	1.97
Corn sirup, sugar, oil, and starch.....	111.05	110.50	94.19	44.6	45.1	40.6	2.49	2.45	2.32
Manufactured ice.....	82.98	84.13	77.74	46.1	47.0	45.2	1.80	1.79	1.72
TOBACCO MANUFACTURES.....	65.77	70.58	62.96	40.6	40.1	39.6	1.62	1.76	1.59
Cigarettes.....	87.44	87.31	79.87	43.5	42.8	41.6	2.01	2.04	1.92
Cigars.....	53.20	52.78	52.88	38.0	37.7	38.6	1.40	1.40	1.37
Tobacco and snuff.....	67.12	68.60	64.73	38.8	39.2	38.3	1.73	1.75	1.69
Tobacco stemming and redrying.....	50.15	59.19	49.28	39.8	37.7	38.2	1.26	1.57	1.29
TEXTILE-MILL PRODUCTS.....	64.87	63.83	59.19	40.8	40.4	39.2	1.59	1.58	1.51
Scouring and combing plants.....	69.29	75.16	67.42	41.0	43.7	42.4	1.69	1.72	1.59
Yarn and thread mills.....	60.35	59.45	53.76	40.5	39.9	38.4	1.49	1.49	1.40
Yarn mills.....	61.05	60.15	54.00	40.7	40.1	38.3	1.50	1.50	1.41
Thread mills.....	59.28	59.21	52.97	39.0	38.7	37.3	1.52	1.53	1.42
Broad-woven fabric mills.....	65.05	63.71	57.38	41.7	41.1	39.3	1.56	1.55	1.46
Cotton, silk, synthetic fiber.....	63.91	62.42	55.77	41.5	40.8	39.0	1.54	1.53	1.43
North ²	67.32	66.26	59.36	40.8	40.4	38.8	1.65	1.64	1.53
South ³	63.23	61.76	55.38	41.6	40.9	39.0	1.52	1.51	1.42
Woolen and worsted.....	72.50	72.50	66.40	42.9	41.5	41.5	1.69	1.69	1.60
Narrow fabrics and smallwares.....	64.96	65.69	60.45	40.1	40.8	39.0	1.62	1.61	1.55

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

Table C-6: Gross hours and earnings of production workers,¹ by industry—Continued

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
<i>Nondurable Goods—Continued</i>									
TEXTILE-MILL PRODUCTS—Continued									
Knitting mills.....	\$58.71	\$57.13	\$56.12	39.4	38.6	38.7	\$1.49	\$1.48	\$1.45
Full-fashioned hosiery.....	57.15	54.60	57.38	37.6	36.4	38.0	1.52	1.50	1.51
North ²	60.67	56.93	60.37	38.4	37.7	39.2	1.58	1.51	1.54
South ²	55.95	53.64	55.80	37.3	36.0	37.5	1.50	1.49	1.49
Seamless hosiery.....	51.10	51.41	50.65	39.2	37.8	37.8	1.38	1.36	1.34
North ²	53.98	52.77	52.68	39.4	38.8	37.9	1.37	1.36	1.39
South ²	54.10	51.27	50.27	39.2	37.7	37.8	1.38	1.36	1.33
Knit outerwear.....	61.31	61.00	60.13	39.3	39.1	39.3	1.56	1.56	1.53
Knit underwear.....	57.60	56.09	53.93	40.0	39.5	38.8	1.44	1.42	1.39
Dyeing and finishing textiles.....	70.36	70.45	66.58	41.2	41.2	40.6	1.72	1.71	1.64
Dyeing and finishing textiles (except wool).....	71.04	69.70	66.34	41.3	41.0	40.7	1.72	1.70	1.63
Carpets, rugs, other floor coverings.....	81.71	82.91	77.90	41.9	42.3	41.0	1.95	1.96	1.90
Wool carpets, rugs, and carpet yarn.....	73.34	79.65	72.86	40.8	41.7	39.6	1.92	1.91	1.84
Hats (except cloth and millinery).....	65.10	60.35	59.67	37.2	35.5	35.1	1.75	1.70	1.70
Miscellaneous textile goods.....	73.89	74.44	68.95	40.6	40.9	39.4	1.82	1.82	1.75
Felt goods (except woven felts and hats).....	81.81	82.62	77.01	40.5	40.9	39.9	2.02	2.02	1.93
Lace goods.....	69.89	69.34	61.59	38.4	38.1	34.6	1.82	1.82	1.78
Paddings and upholstery filling.....	74.19	75.14	72.45	40.1	40.4	40.7	1.85	1.86	1.78
Processed waste and recovered fibers.....	66.61	62.62	57.82	42.7	41.2	39.6	1.56	1.52	1.46
Artificial leather, oilcloth, and other coated fabrics.....	93.70	100.95	91.53	43.1	43.7	42.4	2.29	2.31	2.16
Cordage and twine.....	62.41	63.60	61.05	39.5	40.0	39.9	1.58	1.59	1.53
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....									
Men's and boys' suits and coats.....	56.70	55.57	55.33	37.3	36.8	36.4	1.52	1.51	1.52
Men's and boys' furnishings and work clothing.....	67.44	64.18	62.30	38.1	37.1	35.2	1.77	1.73	1.77
Shirts, collars, and nightwear.....	49.79	48.90	47.62	38.6	38.2	37.2	1.29	1.28	1.28
Separate trousers.....	49.92	49.02	47.49	39.0	38.6	37.1	1.28	1.27	1.28
Work shirts.....	49.52	49.02	47.95	37.8	38.0	36.6	1.31	1.29	1.31
Women's outerwear.....	44.97	45.58	44.54	39.1	39.3	38.4	1.15	1.16	1.16
Women's dresses.....	61.42	60.20	60.90	35.3	35.0	35.2	1.74	1.72	1.73
Household apparel.....	59.00	55.78	53.48	34.3	33.4	34.2	1.72	1.67	1.71
Women's suits, coats, and skirts.....	48.33	47.39	47.29	35.8	35.1	36.1	1.35	1.35	1.31
Women's, children's under garments.....	75.54	77.02	75.24	35.8	36.5	36.0	2.11	2.11	2.09
Underwear and nightwear, except corsets.....	52.03	50.09	49.68	37.7	36.3	36.8	1.38	1.38	1.35
Corsets and allied garments.....	50.81	48.28	48.38	38.2	36.3	37.5	1.33	1.33	1.29
Millinery.....	54.60	54.96	52.35	36.4	36.4	35.0	1.50	1.51	1.51
Children's outerwear.....	68.07	64.33	68.62	36.4	34.4	36.5	1.97	1.87	1.88
Miscellaneous apparel and accessories.....	51.10	53.02	50.74	36.5	37.6	36.5	1.40	1.41	1.39
Other fabricated textile products.....	53.82	52.59	50.74	37.9	37.3	36.5	1.42	1.41	1.39
Curtains, draperies, and other housefurnishings.....	58.45	59.28	57.45	38.2	38.0	38.3	1.53	1.56	1.50
Textile bags.....	53.82	52.13	51.46	39.0	37.5	38.4	1.38	1.39	1.34
Canvas products.....	62.17	62.49	61.38	39.1	39.3	39.6	1.59	1.59	1.55
	58.41	58.55	59.15	39.2	40.1	39.7	1.49	1.46	1.49
PAPER AND ALLIED PRODUCTS.....									
Pulp, paper, and paperboard mills.....	95.63	95.03	90.53	43.1	43.0	42.5	2.22	2.21	2.13
Paperboard containers and boxes.....	104.52	104.78	98.31	44.1	44.4	43.5	2.37	2.36	2.26
Paperboard boxes.....	90.31	87.78	85.66	42.6	41.8	42.0	2.12	2.10	2.04
Fiber cans, tubes, and drums.....	90.31	86.94	85.04	42.8	41.8	42.1	2.11	2.08	2.02
Other paper and allied products.....	39.95	92.96	89.60	40.7	41.5	41.1	2.21	2.24	2.18
	93.00	93.00	79.95	41.5	41.5	41.0	2.00	2.00	1.95
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.....									
Newspapers.....	103.79	103.52	98.54	38.3	38.2	37.9	2.71	2.71	2.60
Periodicals.....	108.02	108.02	103.14	35.3	35.3	35.2	3.06	3.06	2.93
Books.....	119.42	114.39	108.68	41.9	41.0	40.4	2.85	2.79	2.69
Commercial printing.....	94.25	90.23	88.26	40.8	39.4	39.4	2.31	2.29	2.24
Lithographing.....	102.97	102.83	97.75	39.3	39.4	39.1	2.62	2.61	2.50
Greeting cards.....	108.67	108.53	100.61	40.1	39.9	39.3	2.71	2.72	2.56
Bookbinding and related industries.....	69.14	69.50	64.09	38.5	38.4	37.7	1.81	1.81	1.70
Miscellaneous publishing and printing services.....	80.91	81.33	76.43	38.9	39.1	38.6	2.08	2.08	1.98
	115.62	116.43	112.86	38.8	38.3	38.0	2.98	3.04	2.97
CHEMICALS AND ALLIED PRODUCTS.....									
Industrial inorganic chemicals.....	100.53	100.28	95.24	41.2	41.1	40.7	2.44	2.44	2.34
Alkalies and chlorine.....	111.78	111.64	105.41	41.4	41.5	40.7	2.70	2.69	2.59
Industrial organic chemicals.....	112.05	110.83	102.17	41.5	41.2	39.6	2.70	2.69	2.58
Plastics, except synthetic rubber.....	107.12	106.36	100.85	41.2	41.1	40.5	2.60	2.60	2.49
Synthetic rubber.....	111.04	112.30	104.08	41.9	42.7	41.3	2.65	2.63	2.52
Synthetic fibers.....	125.11	122.22	112.75	42.7	42.0	41.0	2.93	2.91	2.75
Explosives.....	91.43	91.46	87.08	41.0	41.2	40.5	2.23	2.22	2.15
Drugs and medicines.....	98.60	98.60	98.16	39.6	39.6	40.9	2.49	2.49	2.40
Soap, cleaning and polishing preparations.....	88.80	89.28	85.41	40.0	40.4	40.1	2.22	2.21	2.13
Soap and glycerin.....	107.33	103.17	104.16	41.6	40.3	42.0	2.58	2.56	2.48
	117.46	113.00	113.21	41.8	40.5	42.4	2.81	2.79	2.67

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

Table C-8: Gross hours and earnings of production workers,¹ by industry—Continued

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
<i>Nondurable Goods—Continued</i>									
CHEMICALS AND ALLIED PRODUCTS—Continued									
Paints, pigments, and fillers.....	\$98.29	\$98.36	\$94.58	41.3	41.5	41.3	\$2.38	\$2.37	\$2.29
Paints, varnishes, lacquers, and enamels.....	96.05	95.22	91.88	41.4	41.4	41.2	2.32	2.30	2.23
Gum and wood chemicals.....	84.00	95.40	80.26	42.0	42.7	41.8	2.00	2.00	1.92
Fertilizers.....	77.10	75.26	72.92	41.9	40.9	41.2	1.84	1.84	1.77
Vegetable and animal oils and fats.....	87.00	87.03	83.18	43.5	43.3	43.1	2.00	2.01	1.93
Vegetable oils.....	81.75	82.64	78.57	42.8	42.6	42.7	1.91	1.94	1.84
Animal oils and fats.....	93.45	92.17	88.71	44.5	44.1	43.7	2.10	2.09	2.03
Miscellaneous chemicals.....	91.53	91.76	86.98	40.5	40.6	39.9	2.26	2.26	2.18
Essential oils, perfumes, cosmetics.....	74.88	74.50	71.81	39.0	38.6	38.4	1.92	1.93	1.87
Compressed and liquefied gases.....	107.17	106.91	101.09	41.7	41.6	41.6	2.57	2.57	2.43
PRODUCTS OF PETROLEUM AND COAL.....	115.30	118.78	110.29	40.6	41.1	40.4	2.84	2.89	2.73
Petroleum refining.....	117.41	121.80	113.08	39.8	40.6	40.1	2.95	3.00	2.82
Coke, other petroleum and coal products.....	109.98	109.48	100.85	43.3	42.6	41.5	2.54	2.57	2.43
RUBBER PRODUCTS.....	105.58	107.10	96.80	42.4	42.5	40.5	2.49	2.52	2.39
Tires and inner tubes.....	129.06	128.74	113.96	43.6	43.2	40.7	2.96	2.98	2.80
Rubber footwear.....	79.95	78.60	77.18	41.0	40.1	40.2	1.95	1.96	1.92
Other rubber products.....	93.21	95.40	86.24	41.8	42.4	40.3	2.23	2.25	2.14
LEATHER AND LEATHER PRODUCTS.....	60.64	60.90	58.19	37.9	38.3	37.3	1.60	1.59	1.56
Leather: tanned, curried, and finished.....	80.52	79.70	78.19	38.9	38.5	38.9	2.07	2.07	2.01
Industrial leather belting and packing.....	82.17	79.56	76.82	41.5	40.8	39.6	1.98	1.95	1.94
Boot and shoe cut stock and findings.....	57.30	58.05	55.35	37.7	38.7	36.9	1.52	1.50	1.50
Footwear (except rubber).....	58.50	59.21	55.57	37.5	38.2	36.8	1.56	1.55	1.51
Luggage.....	65.34	65.11	66.07	39.6	39.7	39.8	1.65	1.64	1.66
Handbags and small leather goods.....	56.60	56.60	55.30	38.5	38.5	38.4	1.47	1.47	1.44
Gloves and miscellaneous leather goods.....	53.25	51.61	50.40	37.5	36.6	36.0	1.42	1.41	1.40
TRANSPORTATION AND PUBLIC UTILITIES:									
TRANSPORTATION:									
Interstate railroads:									
Class I railroads.....	(1)	107.35	100.94	(1)	42.6	41.2	(1)	2.52	2.45
Local railways and bus lines.....	95.90	95.47	90.95	43.2	43.2	42.9	2.22	2.21	2.12
COMMUNICATION:									
Telephone.....	86.07	86.29	79.90	39.3	39.4	38.6	2.19	2.19	2.07
Switchboard operating employees ²	68.25	68.44	64.77	37.5	37.4	36.8	1.82	1.83	1.76
Line construction employees ³	117.30	118.40	106.91	42.5	42.9	41.6	2.76	2.76	2.57
Telegraph ⁴	97.13	95.79	91.78	42.6	42.2	42.1	2.28	2.27	2.18
OTHER PUBLIC UTILITIES:									
Gas and electric utilities.....	106.19	106.04	101.02	41.0	41.1	40.9	2.59	2.58	2.47
Electric light and power utilities.....	107.42	107.53	102.59	41.0	41.2	41.2	2.62	2.61	2.49
Gas utilities.....	99.06	98.74	94.60	40.6	40.8	40.6	2.44	2.42	2.33
Electric light and gas utilities combined.....	110.00	110.42	103.94	41.2	41.2	40.6	2.67	2.68	2.56
WHOLESALE AND RETAIL TRADE:									
WHOLESALE TRADE.....	91.13	91.76	87.64	40.5	40.6	40.2	2.25	2.26	2.18
RETAIL TRADE (EXCEPT EATING AND DRINKING PLACES).....	68.32	68.68	66.18	38.6	38.8	38.7	1.77	1.77	1.71
General merchandise stores.....	49.28	49.07	47.52	35.2	35.3	35.2	1.40	1.39	1.35
Department stores and general mail-order houses.....	55.03	54.82	53.25	35.5	35.6	35.5	1.55	1.54	1.50
Food and liquor stores.....	71.04	72.18	69.38	37.0	37.4	37.3	1.92	1.93	1.86
Automotive and accessories dealers.....	89.32	90.20	84.73	44.0	44.0	43.9	2.03	2.05	1.93
Apparel and accessories stores.....	52.75	52.65	50.69	35.4	35.1	35.2	1.49	1.50	1.44
Other retail trade:									
Furniture and appliance stores.....	77.38	77.15	73.57	41.6	41.7	41.8	1.86	1.85	1.76
Lumber and hardware supply stores.....	81.75	81.70	78.94	42.8	43.0	42.9	1.91	1.90	1.84
FINANCE, INSURANCE, AND REAL ESTATE:									
Banks and trust companies.....	68.07	68.06	66.38	37.4	37.6	37.5	1.82	1.81	1.77
Security dealers and exchanges.....	116.93	120.43	107.55	-	-	-	-	-	-
Insurance carriers.....	86.77	86.57	83.49	-	-	-	-	-	-

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

Table C-6: Gross hours and earnings of production workers,¹ by industry—Continued

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
SERVICE AND MISCELLANEOUS:									
Hotels and lodging places:									
Hotels, year-round ⁹	\$47.91	\$47.44	\$44.91	40.6	40.2	40.1	\$1.18	\$1.18	\$1.12
Personal services:									
Laundries.....	46.45	46.22	44.80	39.7	39.5	39.3	1.17	1.17	1.14
Cleaning and dyeing plants.....	51.65	51.92	49.48	37.7	37.9	37.2	1.37	1.37	1.33
Motion pictures:									
Motion-picture production and distribution.....	114.55	108.26	97.67	-	-	-	-	-	-

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

²Not available.

³South: Includes the following 17 States—Ala., Ark., Del., D.C., Fla., Ga., Ky., La., Md., Miss., N.C., Okla., S.C., Tenn., Tex., Va., and W. Va.

⁴West: Includes Calif., Oreg., and Wash.

⁵North: Includes all States except the 17 listed as South in footnote 3.

⁶Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1958, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁷Data 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 1958, such employees made up 29 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁸Data relate to domestic employees except messengers.

⁹Money payments only; additional value of board, room, uniforms, and tips, not included.

NOTE: Data for the current month are preliminary.

Table C-7: Gross hours and earnings of production workers in manufacturing, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
ALABAMA.....	\$73.03	\$75.83	\$71.53	40.8	39.7	39.3	\$1.79	\$1.91	\$1.82
Birmingham.....	90.64	100.19	94.54	41.2	40.4	40.4	2.20	2.48	2.34
Mobile.....	88.62	87.60	82.74	40.1	40.0	39.4	2.21	2.19	2.10
ARIZONA.....	96.62	98.98	93.77	39.6	40.9	39.9	2.44	2.42	2.35
Phoenix.....	98.58	100.53	96.15	40.4	41.2	40.4	2.44	2.44	2.38
ARKANSAS.....	62.51	63.69	60.94	41.4	41.9	40.9	1.51	1.52	1.49
Little Rock-N. Little Rock.....	61.41	62.47	59.09	40.4	41.1	40.2	1.52	1.52	1.47
CALIFORNIA.....	102.66	101.85	98.90	40.9	40.1	40.7	2.51	2.54	2.43
Bakersfield.....	103.02	105.92	105.78	40.4	41.7	41.0	2.55	2.54	2.58
Fresno.....	89.42	86.56	83.35	40.1	38.3	39.5	2.23	2.26	2.11
Los Angeles-Long Beach.....	102.82	102.56	98.33	40.8	40.7	40.3	2.52	2.52	2.44
Sacramento.....	112.99	114.54	102.84	42.8	41.2	41.3	2.64	2.78	2.49
San Bernardino-Riverside-Ontario.....	97.32	87.85	103.91	39.4	35.0	41.4	2.47	2.51	2.51
San Diego.....	106.39	105.99	109.91	40.3	40.3	42.6	2.64	2.63	2.58
San Francisco-Oakland.....	106.92	107.46	103.53	40.5	39.8	40.6	2.64	2.70	2.55
San Jose.....	102.34	100.28	97.68	43.0	40.6	44.0	2.38	2.47	2.22
Stockton.....	93.41	97.81	91.16	41.7	41.8	42.8	2.24	2.34	2.13
COLORADO.....	90.80	93.56	91.65	40.9	41.4	41.1	2.22	2.26	2.23
Denver.....	95.53	96.00	91.84	41.0	41.2	41.0	2.33	2.33	2.24
CONNECTICUT.....	92.70	93.15	85.93	41.2	41.4	39.6	2.25	2.25	2.17
Bridgeport.....	95.00	95.88	88.88	40.6	40.8	39.5	2.34	2.35	2.25
Hartford.....	96.93	98.05	87.42	41.6	41.9	39.2	2.33	2.34	2.23
New Britain.....	89.54	92.35	81.30	40.7	41.6	38.9	2.20	2.22	2.09
New Haven.....	87.85	88.48	82.32	40.3	40.4	39.2	2.18	2.19	2.10
Stamford.....	100.67	99.30	91.08	42.3	41.9	40.3	2.38	2.37	2.26
Waterbury.....	97.55	96.02	88.44	42.6	42.3	40.2	2.29	2.27	2.20
DELAWARE.....	87.02	85.79	83.63	40.1	38.3	40.4	2.17	2.24	2.07
Wilmington.....	101.50	101.49	95.65	40.6	39.8	39.2	2.50	2.55	2.44
DISTRICT OF COLUMBIA:									
Washington.....	95.04	98.09	94.71	39.6	40.2	40.3	2.40	2.44	2.35
FLORIDA.....	74.62	72.90	68.97	41.0	40.5	40.1	1.82	1.80	1.72
Jacksonville.....	80.19	77.81	72.34	40.5	39.7	39.1	1.98	1.96	1.85
Miami.....	72.25	71.06	66.64	39.7	39.7	39.2	1.82	1.79	1.70
Tampa-St. Petersburg.....	73.57	72.32	67.49	41.1	40.4	39.7	1.79	1.79	1.70
GEORGIA.....	66.17	65.04	62.09	41.1	40.4	39.8	1.61	1.61	1.56
Atlanta.....	81.41	81.61	80.19	40.5	40.6	40.5	2.01	2.01	1.98
Savannah.....	88.19	84.46	84.23	42.4	41.0	41.7	2.08	2.06	2.02
IDAHO.....	91.37	93.04	89.42	39.9	42.1	43.2	2.29	2.21	2.07
ILLINOIS.....	(1)	96.81	90.23	(1)	40.6	39.7	(1)	2.38	2.27
Chicago*.....	(1)	(1)	95.53	(1)	(1)	39.6	(1)	(1)	2.41
Peoria*.....	(1)	(1)	95.61	(1)	(1)	39.7	(1)	(1)	2.41
Rockford*.....	(1)	(1)	83.59	(1)	(1)	37.8	(1)	(1)	2.21
INDIANA.....	96.94	101.73	93.11	40.9	41.0	39.7	2.37	2.48	2.35
IOWA.....	93.44	91.36	86.31	40.7	40.2	40.2	2.30	2.27	2.15
Des Moines.....	99.03	97.52	89.80	39.4	39.0	38.8	2.51	2.50	2.32
KANSAS.....	93.47	93.51	90.74	40.6	41.0	41.3	2.30	2.28	2.20
Topeka.....	105.13	103.94	97.50	43.9	43.7	42.9	2.39	2.38	2.27
Wichita.....	97.87	97.07	94.64	39.6	39.7	41.0	2.47	2.45	2.31

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

Table C-7: Gross hours and earnings of production workers in manufacturing, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
KENTUCKY.....	\$83.03	\$83.41	\$79.79	40.9	40.1	40.5	\$2.03	\$2.08	\$1.97
Louisville.....	98.69	96.38	91.49	41.7	40.9	41.0	2.37	2.36	2.23
LOUISIANA.....	87.78	86.74	83.23	41.8	41.5	40.6	2.10	2.09	2.05
Baton Rouge.....	114.11	115.92	105.87	40.9	41.4	39.8	2.79	2.80	2.66
New Orleans.....	88.75	87.42	84.85	40.9	40.1	40.6	2.17	2.18	2.09
Shreveport.....	85.02	84.80	80.48	42.3	42.4	41.7	2.01	2.00	1.93
MAINE.....	69.49	69.77	67.08	40.4	40.8	40.9	1.72	1.71	1.64
Lewiston-Auburn.....	60.13	61.31	58.29	38.3	39.3	38.6	1.57	1.56	1.51
Portland.....	76.36	75.92	75.06	40.4	40.6	41.7	1.89	1.87	1.80
MARYLAND.....	85.26	82.56	85.67	40.6	37.7	40.6	2.10	2.19	2.11
Baltimore.....	90.94	86.21	92.34	40.6	37.0	40.5	2.24	2.33	2.28
MASSACHUSETTS.....	81.41	81.20	76.05	40.3	40.0	39.2	2.02	2.03	1.94
Boston.....	86.58	85.10	83.16	39.9	39.4	39.6	2.17	2.16	2.10
Fall River.....	61.70	59.50	56.47	37.9	36.5	36.2	1.63	1.63	1.56
New Bedford.....	65.69	64.80	61.18	39.1	38.8	38.0	1.68	1.67	1.61
Springfield-Holyoke.....	88.37	89.19	83.21	41.1	41.1	40.2	2.15	2.17	2.07
Worcester.....	86.48	88.91	82.89	40.6	40.6	39.1	2.13	2.19	2.12
MICHIGAN.....	108.15	107.88	99.33	40.4	40.8	39.7	2.68	2.64	2.50
Detroit.....	117.17	114.53	104.63	40.5	40.6	39.1	2.89	2.82	2.68
Flint.....	117.33	117.72	112.69	39.4	41.7	40.8	2.98	2.82	2.76
Grand Rapids.....	99.39	98.81	91.70	40.6	40.9	39.8	2.45	2.42	2.30
Lansing.....	102.42	103.75	116.08	37.0	38.7	41.8	2.77	2.68	2.78
Muskegon-Muskegon Heights.....	96.82	95.82	92.35	39.2	38.7	38.1	2.47	2.48	2.42
Saginaw.....	97.27	102.71	94.36	38.8	40.2	39.4	2.51	2.56	2.40
MINNESOTA.....	91.78	90.57	86.67	40.8	40.3	40.0	2.25	2.25	2.16
Duluth.....	89.35	72.08	94.06	39.2	29.6	38.4	2.28	2.44	2.45
Minneapolis-St. Paul.....	96.87	95.42	91.38	40.7	40.5	40.3	2.38	2.36	2.27
MISSISSIPPI.....	61.39	60.53	62.27	41.2	40.9	40.7	1.49	1.48	1.53
Jackson.....	71.71	70.68	69.66	43.2	43.1	43.0	1.66	1.64	1.62
MISSOURI.....	85.31	85.66	81.73	40.0	40.2	39.4	2.13	2.13	2.08
Kansas City.....	(1)	92.90	91.29	(1)	39.1	40.6	(1)	2.37	2.25
St. Louis.....	95.97	96.25	91.02	40.1	40.3	39.7	2.39	2.39	2.29
MONTANA.....	92.30	92.02	92.00	38.3	38.5	40.0	2.41	2.39	2.30
NEBRASKA.....	85.03	84.46	79.87	42.6	42.7	41.8	1.99	1.98	1.91
Omaha.....	91.66	90.11	86.03	42.2	41.8	41.1	2.17	2.16	2.09
NEVADA.....	108.62	107.90	108.36	41.3	41.5	41.2	2.63	2.60	2.63
NEW HAMPSHIRE.....	(1)	68.57	66.66	(1)	40.1	40.4	(1)	1.71	1.65
Manchester.....	(1)	62.70	62.57	(1)	38.0	39.6	(1)	1.65	1.58
NEW JERSEY.....	92.87	93.04	87.28	40.5	40.4	39.6	2.29	2.30	2.20
Newark-Jersey City ³	93.61	93.58	89.26	40.4	40.3	39.9	2.32	2.32	2.24
Paterson ³	92.18	93.66	86.47	40.5	40.9	39.7	2.28	2.29	2.18
Perth Amboy ³	97.07	96.47	89.64	40.7	40.5	39.3	2.38	2.38	2.28
Trenton.....	90.68	92.39	84.98	40.5	40.9	39.6	2.24	2.26	2.15
NEW MEXICO.....	76.21	81.40	82.40	39.7	40.5	41.2	1.97	2.01	2.00
Albuquerque.....	67.97	84.23	87.78	40.7	41.7	41.8	1.67	2.02	2.10

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

Table C-7: Gross hours and earnings of production workers in manufacturing, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
NEW YORK.....	\$87.28	\$88.31	\$83.65	39.4	39.3	38.7	\$2.22	\$2.25	\$2.16
Albany-Schenectady-Troy.....	96.37	94.12	91.85	40.2	39.0	39.2	2.40	2.41	2.34
Binghamton.....	78.60	78.83	75.17	38.1	38.7	37.2	2.06	2.04	2.02
Buffalo.....	103.26	107.29	98.90	40.6	40.7	39.5	2.54	2.64	2.51
Elmira.....	91.34	88.53	83.06	41.3	40.3	39.5	2.21	2.20	2.10
Nassau-Suffolk Counties ³	97.20	97.87	92.28	40.7	41.0	40.6	2.39	2.39	2.27
New York City ³	82.66	83.10	80.24	38.1	37.9	37.5	2.17	2.19	2.14
New York-Northeastern New Jersey.....	87.58	88.37	84.15	39.1	39.1	38.6	2.24	2.26	2.18
Rochester.....	97.48	96.54	91.49	40.6	40.4	39.6	2.40	2.39	2.31
Syracuse.....	96.33	97.95	89.28	41.4	41.6	39.9	2.33	2.36	2.24
Utica-Rome.....	84.66	85.35	84.06	40.2	40.5	40.9	2.11	2.11	2.06
Westchester County ³	90.89	89.51	87.04	39.9	39.5	40.2	2.28	2.27	2.17
NORTH CAROLINA.....	62.82	61.61	57.71	41.6	40.8	39.8	1.51	1.51	1.45
Charlotte.....	66.74	65.85	64.53	41.2	40.9	41.1	1.62	1.61	1.57
Greensboro-High Point.....	62.37	59.98	55.13	40.5	39.2	37.5	1.54	1.53	1.47
NORTH DAKOTA.....	80.82	83.31	80.80	42.7	43.6	42.6	1.89	1.91	1.90
Fargo.....	83.88	87.51	84.76	41.0	43.1	41.0	2.05	2.03	2.07
OHIO.....	101.21	102.77	94.08	40.7	40.5	39.0	2.49	2.54	2.41
Akron.....	118.49	115.22	97.35	42.7	41.6	37.3	2.77	2.77	2.61
Canton.....	104.64	106.78	92.96	40.1	40.1	37.7	2.61	2.66	2.47
Cincinnati.....	95.88	95.54	90.05	41.1	40.8	40.2	2.33	2.34	2.24
Cleveland.....	104.24	106.33	94.13	40.8	41.0	38.3	2.55	2.59	2.46
Columbus.....	96.62	96.60	90.89	40.5	40.6	40.1	2.39	2.38	2.27
Dayton.....	108.24	109.66	102.00	40.5	41.3	40.1	2.67	2.66	2.54
Toledo.....	109.79	108.36	103.62	40.9	40.7	40.3	2.63	2.66	2.57
Youngstown.....	108.29	118.05	104.26	39.1	39.8	37.2	2.77	2.97	2.80
OKLAHOMA.....	86.10	86.11	83.64	41.0	41.2	40.8	2.10	2.09	2.05
Oklahoma City.....	79.84	78.66	77.00	41.8	41.4	41.4	1.91	1.90	1.86
Tulsa.....	94.58	93.84	95.87	41.3	40.8	41.5	2.29	2.30	2.31
OREGON.....	97.74	96.44	93.46	39.7	38.7	39.5	2.46	2.49	2.37
Portland.....	95.24	95.66	88.96	39.0	38.9	37.6	2.44	2.46	2.37
PENNSYLVANIA.....	84.56	90.12	83.16	39.7	39.7	38.5	2.13	2.27	2.16
Allentown-Bethlehem-Easton.....	77.95	88.26	76.54	38.4	39.4	36.8	2.03	2.24	2.08
Erie.....	95.76	96.93	90.17	41.1	41.6	39.9	2.33	2.33	2.26
Harrisburg.....	71.94	80.80	72.58	39.1	40.0	38.0	1.84	2.02	1.91
Lancaster.....	78.57	78.78	73.75	40.5	40.4	40.3	1.94	1.95	1.83
Philadelphia.....	93.26	93.67	86.68	40.2	40.2	39.4	2.32	2.33	2.20
Pittsburgh.....	104.54	106.81	101.11	39.9	38.7	38.3	2.62	2.76	2.64
Reading.....	79.40	80.59	73.32	39.9	40.7	39.0	1.99	1.98	1.88
Scranton.....	64.90	65.57	63.96	38.4	38.8	38.3	1.69	1.69	1.67
Wilkes-Barre-Hazleton.....	60.68	61.22	58.60	37.0	37.1	36.4	1.64	1.65	1.61
York.....	77.46	76.63	72.86	42.1	41.2	41.4	1.84	1.86	1.76
RHODE ISLAND.....	71.58	73.74	67.06	38.9	40.3	38.1	1.84	1.83	1.76
Providence.....	74.30	73.93	68.21	40.6	40.4	39.2	1.83	1.83	1.74
SOUTH CAROLINA.....	62.32	62.02	57.71	41.0	40.8	39.8	1.52	1.52	1.45
Charleston.....	70.40	68.74	72.98	40.0	38.4	41.7	1.76	1.79	1.75
SOUTH DAKOTA.....	87.90	88.70	82.96	46.1	46.4	45.1	1.91	1.91	1.84
Sioux Falls.....	97.98	100.24	91.13	47.1	47.5	45.0	2.08	2.11	2.03
TENNESSEE.....	72.51	71.46	68.51	41.2	40.6	40.3	1.76	1.76	1.70
Chattanooga.....	75.85	74.37	71.82	41.0	40.2	39.9	1.85	1.85	1.80
Knoxville.....	83.64	84.46	80.99	41.0	41.2	39.7	2.04	2.05	2.04
Memphis.....	79.26	80.32	73.53	41.5	41.4	40.4	1.91	1.94	1.82
Nashville.....	76.76	76.36	75.06	40.4	40.4	41.7	1.90	1.89	1.80

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

Table C-7: Gross hours and earnings of production workers in manufacturing, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958	Aug. 1959	July 1959	Aug. 1958
TEXAS.....	\$89.69	\$89.19	\$85.27	42.1	41.1	40.8	\$2.13	\$2.17	\$2.09
Dallas.....	83.30	79.19	81.16	42.5	40.2	41.2	1.96	1.97	1.97
Fort Worth.....	105.25	105.63	100.94	41.6	41.1	41.2	2.53	2.57	2.45
Houston.....	105.22	104.80	99.14	43.3	42.6	40.8	2.43	2.46	2.43
San Antonio.....	67.48	67.49	63.84	41.4	40.9	39.9	1.63	1.65	1.60
UTAH.....	98.53	97.63	90.06	41.4	41.9	39.5	2.38	2.33	2.28
Salt Lake City.....	93.46	94.11	87.20	42.1	42.2	40.0	2.22	2.23	2.18
VERMONT.....	76.52	74.71	69.39	42.8	42.3	40.7	1.79	1.77	1.71
Burlington.....	78.20	73.11	74.09	42.4	41.5	41.5	1.85	1.76	1.78
Springfield.....	93.04	91.42	76.12	44.2	44.1	38.6	2.10	2.08	1.97
VIRGINIA.....	70.00	70.45	66.99	40.7	41.2	40.6	1.72	1.71	1.65
Norfolk-Portsmouth.....	75.20	73.66	70.35	40.0	39.6	40.2	1.88	1.86	1.75
Richmond.....	79.15	80.56	77.23	40.8	41.1	41.3	1.94	1.96	1.87
WASHINGTON.....	101.63	99.82	94.18	39.7	39.3	38.6	2.56	2.54	2.44
Seattle.....	99.65	99.18	95.69	39.7	39.2	38.9	2.51	2.53	2.46
Spokane.....	104.01	106.13	98.56	39.1	39.6	38.5	2.66	2.68	2.56
Tacoma.....	101.38	96.65	92.88	39.6	38.2	38.7	2.56	2.53	2.40
WEST VIRGINIA.....	90.32	93.69	87.91	38.6	39.2	38.9	2.34	2.39	2.26
Charleston.....	113.99	113.85	104.00	41.3	41.1	40.0	2.76	2.77	2.60
Wheeling-Steubenville.....	98.68	106.26	100.44	38.1	38.5	37.9	2.59	2.76	2.65
WISCONSIN.....	92.17	95.20	86.79	41.4	41.9	40.6	2.23	2.27	2.14
Kenosha.....	109.08	127.53	95.48	42.5	46.4	39.8	2.57	2.75	2.40
La Crosse.....	90.32	88.59	90.84	39.5	39.4	39.8	2.29	2.25	2.28
Madison.....	100.07	97.76	92.10	40.3	40.2	38.9	2.48	2.43	2.37
Milwaukee.....	102.66	105.94	95.57	40.6	41.4	39.8	2.53	2.56	2.40
Racine.....	96.13	98.08	90.61	40.0	40.3	39.4	2.40	2.44	2.30
WYOMING.....	90.28	97.17	94.89	37.0	39.5	40.9	2.44	2.46	2.32
Casper.....	110.65	119.54	113.72	39.1	40.8	39.9	2.83	2.93	2.85

*1945 Standard Industrial Classification.

†Not available.

‡Not strictly comparable with current data shown.

§Subarea of New York-Northeastern New Jersey.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

Table D-1: Labor turnover rates in manufacturing

1951 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1951.....	5.2	4.5	4.6	4.5	4.5	4.9	4.2	4.5	4.3	4.4	3.9	3.0	4.4
1952.....	4.4	3.9	3.9	3.7	3.9	4.9	4.4	5.9	5.6	5.2	4.0	3.3	4.4
1953.....	4.4	4.2	4.4	4.3	4.1	5.1	4.1	4.3	4.0	3.3	2.7	2.1	3.9
1954.....	2.8	2.5	2.8	2.4	2.7	3.5	2.9	3.3	3.4	3.6	3.3	2.5	3.0
1955.....	3.3	3.2	3.6	3.5	3.8	4.3	3.4	4.5	4.4	4.1	3.3	2.5	3.7
1956.....	3.3	3.1	3.1	3.3	3.4	4.2	3.3	3.8	4.1	4.2	3.0	2.3	3.4
1957.....	3.2	2.8	2.8	2.8	3.0	3.9	3.2	3.2	3.3	2.9	2.2	1.7	2.9
1958.....	2.5	2.2	2.4	2.5	3.0	3.8	3.3	3.9	4.0	3.4	2.8	2.4	3.0
1959.....	3.3	3.3	3.6	3.5	3.6	4.4	3.3	3.6					
New hires													
1951.....	3.9	3.5	3.7	3.7	3.7	4.0	3.2	3.4	3.2	3.4	2.8	2.0	3.4
1952.....	3.1	2.9	2.8	2.8	2.9	3.8	3.3	3.9	4.4	4.1	3.3	2.6	3.3
1953.....	3.4	3.3	3.5	3.5	3.3	4.2	3.3	3.3	3.0	2.4	1.7	1.1	3.0
1954.....	1.4	1.3	1.4	1.2	1.4	1.9	1.6	1.8	1.9	1.8	1.7	1.3	1.6
1955.....	1.7	1.8	2.2	2.2	2.5	3.1	2.5	3.2	3.1	2.9	2.4	1.7	2.4
1956.....	2.2	2.1	1.9	2.1	2.3	3.0	2.2	2.6	2.7	2.6	1.9	1.5	2.3
1957.....	2.0	1.7	1.7	1.7	1.9	2.6	2.1	2.1	2.0	1.7	1.1	.7	1.8
1958.....	1.0	.9	.9	.9	1.0	1.6	1.5	1.6	1.9	1.7	1.3	1.1	1.3
1959.....	1.5	1.7	1.9	2.0	2.2	3.0	2.2	2.6					
Total separations													
1951.....	4.1	3.8	4.1	4.6	4.8	4.3	4.4	5.3	5.1	4.7	4.3	3.5	4.4
1952.....	4.0	3.9	3.7	4.1	3.9	3.9	5.0	4.6	4.9	4.2	3.5	3.4	4.1
1953.....	3.8	3.6	4.1	4.3	4.4	4.2	4.3	4.8	5.2	4.5	4.2	4.0	4.3
1954.....	4.3	3.5	3.7	3.8	3.3	3.1	3.1	3.5	3.9	3.3	3.0	3.0	3.5
1955.....	2.9	2.5	3.0	3.1	3.2	3.2	3.4	4.0	4.4	3.5	3.1	3.0	3.3
1956.....	3.6	3.6	3.5	3.4	3.7	3.4	3.2	3.9	4.4	3.5	3.3	2.8	3.5
1957.....	3.3	3.0	3.3	3.3	3.4	3.0	3.1	4.0	4.4	4.0	4.0	3.8	3.6
1958.....	5.0	3.9	4.2	4.1	3.6	2.9	3.2	3.5	3.5	3.2	2.8	2.8	3.6
1959.....	3.1	2.6	2.8	3.0	2.9	2.8	3.3	3.5					
Quits													
1951.....	2.1	2.1	2.5	2.7	2.8	2.5	2.4	3.1	3.1	2.5	1.9	1.4	2.4
1952.....	1.9	1.9	2.0	2.2	2.2	2.2	2.2	3.0	3.5	2.8	2.1	1.7	2.3
1953.....	2.1	2.2	2.5	2.7	2.7	2.6	2.5	2.9	3.1	2.1	1.5	1.1	2.3
1954.....	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.4	1.8	1.2	1.0	.9	1.1
1955.....	1.0	1.0	1.3	1.5	1.5	1.5	1.6	2.2	2.8	1.8	1.4	1.1	1.6
1956.....	1.4	1.3	1.4	1.5	1.6	1.6	1.5	2.2	2.6	1.7	1.3	1.0	1.6
1957.....	1.3	1.2	1.3	1.3	1.4	1.3	1.4	1.9	2.2	1.3	.9	.7	1.4
1958.....	.8	.7	.7	.7	.8	.8	.9	1.2	1.5	1.1	.8	.7	.9
1959.....	.9	.8	1.0	1.1	1.3	1.3	1.3	1.8					
Layoffs													
1951.....	1.0	0.8	0.8	1.0	1.2	1.0	1.3	1.4	1.3	1.4	1.7	1.5	1.2
1952.....	1.4	1.3	1.1	1.3	1.1	1.1	2.2	1.0	.7	.7	.7	1.0	1.1
1953.....	.9	.8	.8	.9	1.0	.9	1.1	1.3	1.5	1.8	2.3	2.5	1.3
1954.....	2.8	2.2	2.3	2.4	1.9	1.7	1.6	1.7	1.7	1.6	1.6	1.7	1.9
1955.....	1.5	1.1	1.3	1.2	1.1	1.2	1.3	1.3	1.1	1.2	1.2	1.4	1.2
1956.....	1.7	1.8	1.6	1.4	1.6	1.3	1.2	1.2	1.4	1.3	1.5	1.4	1.5
1957.....	1.5	1.4	1.4	1.5	1.5	1.1	1.3	1.6	1.8	2.3	2.7	2.7	1.7
1958.....	3.8	2.9	3.2	3.0	2.4	1.8	2.0	1.9	1.6	1.7	1.6	1.8	2.3
1959.....	1.7	1.3	1.3	1.3	1.1	1.0	1.4	1.2					

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 for the current month are preliminary.

Table D-2: Labor turnover rates, by industry

Industry	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Aug. 1959	July 1959	Aug. 1959	July 1959	Aug. 1959	July 1959	Aug. 1959	July 1959	Aug. 1959	July 1959
MANUFACTURING.....	3.6	3.3	2.6	2.2	3.5	3.3	1.8	1.3	1.2	1.4
DURABLE GOODS.....	3.7	3.3	2.6	2.2	3.7	3.5	1.7	1.2	1.4	1.7
NONDURABLE GOODS¹.....	3.4	3.4	2.5	2.4	3.2	2.9	2.0	1.6	.7	.9
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES.....	3.1	2.6	2.1	2.1	2.1	1.8	1.3	1.1	0.3	0.3
LUMBER AND WOOD PRODUCTS.....	5.0	5.0	4.5	4.4	5.0	4.9	3.4	2.7	1.1	1.5
Logging camps and contractors.....	6.1	7.3	5.6	6.7	6.3	8.3	3.9	4.0	1.6	3.0
Sawmills and planing mills.....	5.1	5.2	4.6	4.5	4.4	4.0	3.2	2.4	.7	.8
Millwork, plywood, prefabricated structural wood products..	4.3	3.3	3.8	2.9	5.2	3.9	3.9	2.4	1.0	1.0
FURNITURE AND FIXTURES.....	4.5	4.5	4.0	3.3	4.0	4.0	2.5	1.9	.7	1.4
Household furniture.....	4.7	4.4	4.0	3.6	3.9	4.4	2.6	2.1	.6	1.6
Other furniture and fixtures.....	4.2	4.6	3.9	4.3	4.3	2.9	2.3	1.5	1.1	.8
STONE, CLAY, AND GLASS PRODUCTS.....	3.2	2.9	2.0	2.0	3.2	3.1	1.4	1.0	1.2	1.6
Glass and glass products.....	4.3	3.2	2.2	2.1	2.4	3.2	1.3	1.0	.8	1.6
Cement, hydraulic.....	1.7	1.9	1.4	1.6	2.1	1.2	1.1	.6	.6	.2
Structural clay products.....	3.3	4.0	2.8	2.3	4.5	3.3	1.6	1.3	2.5	1.3
Pottery and related products.....	3.6	3.6	2.7	2.5	2.6	2.2	1.7	1.4	.3	.4
PRIMARY METAL INDUSTRIES.....	2.4	1.8	1.6	1.0	2.5	2.2	1.0	.7	.9	1.1
Blast furnaces, steel works, and rolling mills.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Iron and steel foundries.....	3.9	3.6	2.7	2.0	3.1	3.0	1.6	1.1	.8	1.2
Gray-iron foundries.....	4.2	4.3	2.9	2.0	3.3	3.5	1.8	1.2	.8	1.6
Malleable-iron foundries.....	4.3	2.3	3.0	1.9	2.4	2.1	1.8	1.1	.1	.5
Steel foundries.....	3.2	3.2	2.2	2.0	3.2	2.9	1.2	1.0	1.2	1.0
Primary smelting and refining of nonferrous metals:										
Primary smelting and refining of copper, lead, and zinc...	1.7	1.7	1.0	1.2	1.1	2.2	.6	1.1	.2	.6
Rolling, drawing, and alloying of nonferrous metals:										
Rolling, drawing, and alloying of copper.....	1.2	1.0	.8	.5	1.3	1.4	.5	.4	.3	.5
Nonferrous foundries.....	3.8	3.4	2.8	1.8	3.9	3.8	1.6	1.1	1.6	2.0
Other primary metal industries:										
Iron and steel forgings.....	2.8	2.5	1.3	1.2	2.5	2.0	.8	.6	1.2	1.0
FABRICATED METAL PRODUCTS.....	4.0	3.6	2.8	2.2	3.9	4.2	1.7	1.1	1.5	2.5
Cutlery, hand tools, and hardware.....	4.1	2.9	2.7	1.4	3.5	6.3	1.7	1.0	1.2	4.6
Cutlery and edge tools.....	5.9	2.5	3.4	1.3	1.9	1.9	1.4	1.0	.2	.5
Hand tools.....	3.5	2.2	2.6	1.9	5.0	3.1	1.8	1.0	2.6	1.0
Hardware.....	3.7	3.1	2.5	1.2	3.5	8.1	1.7	1.0	1.1	6.5
Heating apparatus (except electric) and plumbers' supplies.	4.1	3.8	3.1	2.9	3.7	3.0	1.5	1.4	1.2	.9
Sanitary ware and plumbers' supplies.....	4.0	2.5	2.7	1.8	3.4	3.2	1.5	1.4	1.2	1.0
Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified.....	4.2	4.4	3.4	3.3	3.8	2.8	1.5	1.4	1.2	.8
Fabricated structural metal products.....	3.3	3.3	2.5	2.4	3.7	2.9	1.7	1.1	1.5	1.2
Metal stamping, coating, and engraving.....	5.1	4.2	3.3	1.5	4.7	6.2	1.6	.8	2.3	4.7
MACHINERY (EXCEPT ELECTRICAL).....	2.9	2.8	2.0	1.8	2.6	2.7	1.2	.9	.8	1.3
Engines and turbines.....	2.7	3.6	1.9	2.3	2.0	3.7	1.5	1.0	.1	2.1
Agricultural machinery and tractors.....	1.8	2.1	1.1	1.4	3.7	3.1	1.2	1.2	1.7	1.2
Construction and mining machinery.....	2.4	2.7	1.6	2.1	2.9	4.4	1.4	1.2	.9	2.6
Metalworking machinery.....	3.3	3.2	2.0	1.7	1.8	2.0	1.0	.8	.4	.8
Machine tools.....	3.9	3.8	2.0	1.9	1.8	1.6	.9	.8	.5	.4
Metalworking machinery (except machine tools).....	2.8	2.5	2.1	1.4	1.8	1.2	1.1	.7	.3	.2
Machine-tool accessories.....	2.8	2.9	2.1	1.6	2.0	3.5	1.1	.9	.5	2.1
Special-industry machinery (except metalworking machinery).	2.9	2.4	2.2	1.7	2.2	2.1	1.1	1.0	.6	.6
General industrial machinery.....	3.7	3.4	3.0	2.6	2.5	2.0	1.6	1.0	.4	.4
Office and store machines and devices.....	1.7	2.1	1.0	1.4	2.0	2.5	.9	.9	.7	1.1
Service-industry and household machines.....	2.9	2.4	1.8	1.2	3.3	3.3	1.1	.7	1.7	2.1
Miscellaneous machinery parts.....	3.3	3.1	2.3	1.9	2.5	2.6	1.3	.8	.6	1.3
ELECTRICAL MACHINERY.....	4.2	3.4	3.0	2.3	2.7	2.7	1.7	1.2	.5	.9
Electrical generating, transmission, distribution, and industrial apparatus.....	3.0	2.8	2.0	1.7	2.3	2.3	1.3	1.1	.4	.5
Communication equipment.....	4.9	3.8	3.6	2.8	2.9	2.7	1.9	1.4	.4	.9
Radios, phonographs, television sets, and equipment.....	6.7	5.3	5.2	4.0	3.9	2.7	2.5	1.7	.7	.5
Telephone, telegraph, and related equipment.....	2.6	1.2	1.8	.8	1.4	3.2	.9	.4	.1	2.4
Electrical appliances, lamps, and miscellaneous products...	4.5	3.7	3.5	2.5	3.5	4.3	1.8	1.4	1.0	2.1

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

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

Industry	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Aug. 1959	July 1959	Aug. 1959	July 1959	Aug. 1959	July 1959	Aug. 1959	July 1959	Aug. 1959	July 1959
<i>Durable Goods—Continued</i>										
TRANSPORTATION EQUIPMENT.....	3.3	3.5	1.4	1.6	5.5	5.0	1.2	1.0	3.9	3.3
Motor vehicles and equipment.....	(2)	3.1	(2)	1.2	(2)	6.2	(2)	.7	(2)	4.5
Aircraft and parts.....	2.0	2.4	1.2	1.7	3.0	2.7	1.3	1.2	1.5	1.2
Aircraft.....	1.8	2.1	1.1	1.5	3.0	2.6	1.3	1.2	1.5	1.1
Aircraft engines and parts.....	2.6	2.7	.8	1.4	2.8	2.4	.7	.7	1.8	1.3
Aircraft propellers and parts.....	(2)	2.8	(2)	.4	(2)	3.7	(2)	1.2	(2)	2.4
Other aircraft parts and equipment.....	4.6	5.0	3.1	3.7	3.4	3.8	1.7	1.9	1.0	1.2
Ship and boat building and repairing.....	(2)	10.4	(2)	3.3	(2)	10.4	(2)	1.7	(2)	7.9
Railroad equipment.....	8.4	4.4	.3	1.2	7.6	5.3	.5	.5	6.1	4.1
Locomotives and parts.....	3.1	1.0	.4	.4	5.2	1.8	.5	.4	4.0	.8
Railroad and street cars.....	11.0	8.6	.2	2.1	8.8	9.5	.6	.5	7.1	8.0
Other transportation equipment.....	5.8	6.1	5.4	5.4	5.9	3.6	3.4	2.3	1.8	.7
INSTRUMENTS AND RELATED PRODUCTS.....	3.1	2.1	2.4	1.8	2.7	1.7	1.6	.9	.7	.5
Photographic apparatus.....	(2)	2.0	(2)	1.9	(2)	1.1	(2)	.5	(2)	.2
Watches and clocks.....	6.1	2.2	3.9	1.4	3.0	2.1	1.5	.9	1.0	.9
Professional and scientific instruments.....	2.8	2.1	2.3	1.8	3.2	1.8	2.0	.9	.8	.5
MISCELLANEOUS MANUFACTURING INDUSTRIES.....	6.2	5.4	4.8	3.8	4.2	3.8	2.5	1.9	.9	1.2
Jewelry, silverware, and plated ware.....	4.3	2.1	3.9	1.8	2.6	2.3	1.8	1.2	.4	.6
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS.....	3.7	4.2	2.5	2.4	3.5	3.5	1.8	1.2	1.1	1.8
Meat products.....	3.0	4.6	1.9	1.6	3.3	3.4	1.1	.7	1.4	2.2
Grain-mill products.....	2.3	2.5	1.4	1.8	2.6	2.9	1.5	.9	.7	1.6
Bakery products.....	3.7	3.7	3.2	2.9	3.5	2.9	2.4	1.8	.5	.6
Beverages:										
Malt liquors.....	(2)	4.0	(2)	2.1	(2)	3.8	(2)	.6	(2)	2.9
TOBACCO MANUFACTURES.....	2.0	3.7	1.2	1.8	1.9	2.7	1.2	1.6	.2	.7
Cigarettes.....	.7	3.2	.3	1.2	.9	1.5	.4	1.2	.1	.1
Cigars.....	3.9	4.8	2.6	2.8	3.5	4.4	2.6	2.5	.5	1.6
Tobacco and snuff.....	1.2	1.7	.6	1.4	1.1	1.8	.4	.5	.2	.9
TEXTILE-MILL PRODUCTS.....	3.8	3.6	2.8	2.7	3.5	3.2	2.3	1.9	.7	.8
Yarn and thread mills.....	3.7	3.7	2.8	2.7	3.9	3.5	2.5	2.2	.9	.7
Broad-woven fabric mills.....	3.7	3.3	2.6	2.3	3.4	3.1	2.3	2.0	.6	.7
Cotton, silk, synthetic fiber.....	3.6	3.2	2.5	2.2	3.2	3.1	2.3	1.9	.4	.6
Woolen and worsted.....	4.4	4.3	3.1	3.1	4.9	3.6	2.4	2.0	1.7	1.1
Knitting mills.....	4.8	4.9	3.8	4.1	4.3	3.8	2.9	2.5	1.0	1.0
Full-fashioned hosiery.....	3.6	3.6	2.2	2.9	4.1	4.3	2.7	2.4	1.0	1.6
Seamless hosiery.....	5.0	4.8	4.1	3.9	3.7	3.0	2.9	2.3	.4	.4
Knit underwear.....	3.2	3.9	2.9	3.4	3.3	3.0	2.2	2.3	.6	.4
Dyeing and finishing textiles.....	1.9	1.7	1.2	1.2	2.5	2.3	1.2	1.1	.9	.8
Carpets, rugs, other floor coverings.....	3.1	2.6	1.5	1.4	2.3	2.4	.9	.9	1.0	1.2
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....	4.9	5.0	3.8	3.7	4.2	4.0	3.2	2.9	.5	.6
Men's and boys' suits and coats.....	3.1	3.1	2.6	2.6	3.1	3.0	2.2	2.0	.3	.5
Men's and boys' furnishings and work clothing.....	5.5	5.2	4.2	3.7	4.7	3.9	3.7	3.0	.6	.5
PAPER AND ALLIED PRODUCTS.....	2.9	2.8	2.4	2.1	3.1	2.4	1.8	1.1	.7	.7
Pulp, paper, and paperboard mills.....	1.9	2.1	1.5	1.5	2.1	1.6	1.3	.6	.4	.6
Paperboard containers and boxes.....	4.4	3.4	3.8	2.9	3.6	3.0	2.5	1.6	.4	.6
CHEMICALS AND ALLIED PRODUCTS.....	2.1	1.9	1.9	1.5	1.9	1.3	1.0	.7	.5	.3
Industrial inorganic chemicals.....	1.5	2.2	1.3	1.8	1.4	1.6	.8	.7	.2	.4
Industrial organic chemicals.....	1.4	1.3	1.0	.9	1.4	.9	.7	.4	.4	.3
Synthetic fibers.....	1.0	1.2	.6	.9	1.6	.9	.3	.3	1.0	.4
Drugs and medicines.....	3.1	2.4	2.3	2.0	2.5	1.5	1.1	.9	1.1	.3
Paints, pigments, and fillers.....	1.5	1.7	1.4	1.3	2.1	1.3	1.4	.6	.2	.1
PRODUCTS OF PETROLEUM AND COAL.....	.7	.8	.5	.7	1.0	1.3	.6	.3	.1	.6
Petroleum refining.....	.5	.5	.3	.4	.8	1.1	.5	.3	(3)	.4
RUBBER PRODUCTS.....	3.2	2.4	2.3	1.8	2.4	2.3	1.3	.9	.6	.9
Tires and inner tubes.....	1.2	1.8	.8	1.4	1.4	1.1	.6	.5	.5	.2
Rubber footwear.....	5.6	3.0	3.8	2.0	3.2	2.5	2.7	1.8	.2	.2
Other rubber products.....	4.3	2.9	3.2	2.1	3.0	3.2	1.6	1.1	.8	1.6
LEATHER AND LEATHER PRODUCTS.....	4.2	4.5	3.1	3.4	4.9	3.9	3.4	2.6	.9	.7
Leather: tanned, curried, and finished.....	2.4	2.4	1.6	1.6	3.2	3.4	1.4	1.1	1.6	1.7
Footwear (except rubber).....	4.5	4.9	3.4	3.7	5.1	3.9	3.7	2.8	.8	.5

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

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Aug. 1959	July 1959	Aug. 1959	July 1959	Aug. 1959	July 1959	Aug. 1959	July 1959	Aug. 1959	July 1959
NONMANUFACTURING:										
METAL MINING.....	2.1	2.3	1.6	1.3	3.0	2.6	1.4	1.7	1.1	0.2
Iron mining.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Copper mining.....	(2)	2.8	(2)	1.5	(2)	3.0	(2)	2.2	(2)	.1
Lead and zinc mining.....	3.5	3.8	2.2	1.3	4.2	2.3	1.3	1.9	2.4	.2
ANTHRACITE MINING.....	.5	1.5	(3)	(3)	1.7	5.7	.6	.1	(3)	4.8
BITUMINOUS-COAL MINING.....	2.0	1.4	.6	.4	15.2	4.0	.4	.3	14.6	3.3
COMMUNICATION:										
Telephone.....	(2)	1.9	-	-	(2)	1.5	(2)	1.1	(2)	.1
Telegraph ⁴	(2)	1.9	-	-	(2)	1.7	(2)	.8	(2)	.3

¹Data for the printing, publishing, and allied industries group are excluded.²Not available.³Less than 0.05.⁴Data relate to domestic employees except messengers.

NOTE: Data for the current month are preliminary.

Table D-4: 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	
	July 1959	June 1959	July 1959	June 1959	July 1959	June 1959	July 1959	June 1959	July 1959	June 1959
ALABAMA ¹	(2)	4.1	(2)	2.5	(2)	3.2	(2)	1.1	(2)	1.6
Mobile ¹	7.7	12.1	3.5	4.5	7.7	6.7	1.7	1.6	5.0	4.5
ARIZONA.....	4.2	6.0	3.5	5.2	7.0	5.4	2.2	2.3	4.1	2.3
Phoenix.....	4.7	6.5	4.0	5.6	8.2	5.0	2.3	2.5	5.0	1.8
ARKANSAS.....	6.2	6.4	4.7	4.9	4.6	4.6	2.5	2.3	1.6	1.9
Little Rock-North Little Rock.....	5.7	4.2	4.8	3.5	5.0	5.6	2.8	2.5	1.5	2.5
CALIFORNIA:										
Los Angeles-Long Beach ¹	5.8	6.3	4.8	5.2	4.7	4.6	2.6	2.4	1.2	1.3
San Francisco-Oakland ¹	5.1	6.5	3.8	4.6	4.7	5.3	1.8	1.9	2.2	2.7
San Jose ¹	4.9	6.6	4.2	5.4	3.1	3.5	1.9	2.2	.7	.8
CONNECTICUT.....	3.0	3.7	2.3	2.8	2.6	2.5	1.4	1.3	.7	.8
Bridgeport.....	2.6	3.2	1.9	2.1	2.0	2.5	1.2	1.0	.5	1.0
Hartford.....	2.9	3.3	2.2	2.7	3.3	2.0	1.3	1.1	1.1	.5
New Britain.....	2.0	3.1	1.6	2.6	2.3	2.4	1.0	1.0	.7	1.0
New Haven.....	3.2	3.7	2.5	2.8	2.2	2.6	1.2	1.1	.5	1.0
Waterbury.....	2.2	3.2	1.6	2.5	1.8	1.8	1.1	1.2	.3	.2
DELAWARE ¹	2.4	3.6	1.3	2.6	2.2	2.3	.9	.9	.6	.8
Wilmington.....	1.9	3.0	1.1	2.0	2.0	1.9	.7	.7	.6	.7
DISTRICT OF COLUMBIA:										
Washington.....	4.2	4.8	3.8	4.6	3.8	3.3	2.3	2.3	.6	.3
FLORIDA.....	7.0	7.0	5.2	5.2	6.7	8.0	3.0	2.8	2.9	4.4
GEORGIA.....	4.6	5.7	3.4	4.0	3.9	3.4	1.8	1.8	1.5	1.0
Atlanta.....	4.1	4.7	3.5	3.7	4.2	3.1	1.9	1.5	1.6	.9
IDAHO ⁴	8.1	13.7	5.7	10.0	4.8	4.9	3.3	3.2	.6	1.0
INDIANA ¹	3.5	4.4	2.3	3.0	4.1	2.9	1.3	1.3	2.3	1.1
Indianapolis ⁵	3.1	3.8	2.1	2.7	3.0	2.4	1.2	1.1	1.3	.8
KANSAS ⁶	2.8	5.2	1.9	3.9	3.3	4.2	1.4	1.6	1.4	2.1
Wichita ⁶	1.6	3.2	.9	2.5	3.0	3.8	1.1	1.4	1.5	2.1
KENTUCKY.....	3.9	3.9	2.1	2.2	3.2	2.5	1.4	1.0	1.2	1.1
LOUISIANA.....	3.4	3.6	2.0	2.4	2.8	2.8	1.1	.9	1.2	1.2
MAINE.....	5.0	9.0	3.6	6.3	4.3	3.8	2.6	2.2	1.0	1.0
Portland.....	4.1	6.0	3.1	4.2	2.3	3.2	1.5	1.5	.4	1.3
MARYLAND.....	5.6	4.7	3.7	2.9	3.7	3.5	1.5	1.2	1.6	1.7
Baltimore.....	4.3	3.8	2.4	2.4	3.7	3.0	1.4	1.1	1.8	1.4
MASSACHUSETTS.....	3.4	4.5	2.5	3.3	3.0	3.0	1.5	1.4	.9	1.0
Boston.....	3.2	4.5	2.5	3.4	2.9	2.7	1.6	1.5	.8	.6
Fall River.....	4.6	3.7	2.4	2.3	4.5	4.0	1.8	1.7	2.0	1.9
New Bedford.....	6.3	5.3	3.9	3.4	5.1	5.4	2.2	1.8	1.7	2.7
Springfield-Holyoke.....	2.6	4.1	2.0	3.0	2.3	3.2	1.0	1.2	.8	1.4
Worcester.....	2.9	3.8	2.0	2.8	2.6	2.5	1.2	1.1	.8	.8
MINNESOTA.....	4.5	9.2	3.1	6.0	5.8	3.9	1.9	1.8	3.4	1.4
Minneapolis-St. Paul.....	3.9	5.7	2.7	4.0	3.3	3.4	1.6	1.7	1.2	1.0
MISSISSIPPI.....	5.6	5.2	4.2	4.0	4.3	4.6	2.3	1.8	1.3	2.2
Jackson.....	4.7	4.6	4.4	4.0	3.7	3.9	2.0	1.7	1.0	1.6
MISSOURI.....	3.9	4.9	2.8	3.6	3.5	3.4	1.8	1.9	1.1	1.0
MONTANA ⁴	4.8	9.4	4.2	7.6	3.6	5.1	2.1	2.4	.4	.5

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

Table D-4: 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	
	July 1959	June 1959	July 1959	June 1959	July 1959	June 1959	July 1959	June 1959	July 1959	June 1959
NEVADA.....	5.8	7.0	4.8	7.1	7.3	6.2	3.8	4.7	2.2	0.6
NEW HAMPSHIRE.....	4.9	6.4	4.2	5.2	4.7	4.1	2.9	2.6	1.0	.9
NEW MEXICO ⁷	5.5	6.8	4.5	5.7	4.9	5.4	2.7	2.5	1.2	2.0
Albuquerque ⁷	4.7	4.9	4.2	4.1	4.1	5.3	2.4	2.9	1.1	1.4
NEW YORK.....	5.2	5.0	2.9	3.2	4.2	3.9	1.3	1.2	2.3	2.1
Albany-Schenectady-Troy.....	2.2	3.0	1.1	1.6	2.1	2.2	.6	.6	.8	.7
Binghamton.....	1.9	3.4	1.2	2.1	2.0	2.5	1.1	1.2	.2	.4
Buffalo.....	2.5	3.3	1.5	2.1	2.9	2.0	.7	.7	1.6	.8
Elmira.....	4.5	4.7	2.6	2.7	2.7	3.6	1.2	1.1	1.0	2.0
Nassau and Suffolk Counties.....	3.0	4.6	2.7	3.8	2.9	3.0	1.5	1.6	.8	.9
New York City.....	7.3	5.9	3.5	3.5	6.1	5.4	1.4	1.2	3.9	3.5
Rochester.....	2.8	3.2	2.1	2.2	2.5	1.7	1.0	.8	1.1	.4
Syracuse.....	2.7	4.0	2.1	2.9	2.5	2.0	1.0	1.4	.9	.3
Utica-Rome.....	3.7	3.8	2.1	2.4	3.5	3.8	1.0	1.0	2.0	1.7
Westchester County.....	4.8	5.5	3.5	4.0	4.0	4.3	1.4	1.7	1.8	1.6
NORTH CAROLINA.....	4.2	4.1	3.1	3.4	3.1	2.5	1.9	1.5	.7	.5
Charlotte.....	4.3	4.8	3.9	4.4	3.8	3.5	2.8	2.1	.3	.5
NORTH DAKOTA.....	3.5	8.2	3.4	5.4	8.7	4.8	1.6	2.3	6.7	1.9
Fargo.....	3.9	12.1	3.9	4.9	23.5	8.9	1.8	2.6	21.4	5.8
OKLAHOMA ⁸	4.5	5.5	3.0	4.1	4.6	4.4	2.0	2.0	2.1	2.0
Oklahoma City.....	7.3	7.8	5.4	5.8	5.6	5.4	2.9	2.8	2.0	2.0
Tulsa ⁸	3.2	5.2	2.8	5.0	3.1	3.7	1.7	1.9	1.1	1.3
OREGON ¹	6.8	9.2	5.7	7.0	6.5	5.8	3.4	3.5	2.2	1.6
RHODE ISLAND.....	5.5	5.9	4.2	4.0	4.3	4.3	2.1	1.8	1.4	1.8
SOUTH CAROLINA ⁹	4.0	3.8	2.9	2.8	3.4	2.9	2.1	1.7	.8	.7
Charleston.....	6.4	9.1	3.3	4.7	6.4	7.9	2.2	1.6	3.4	5.5
SOUTH DAKOTA.....	4.9	8.3	3.4	7.1	5.1	4.7	2.4	3.1	2.2	1.0
Sioux Falls.....	5.0	8.4	2.9	5.7	4.8	4.1	1.9	2.4	2.5	1.1
TEXAS ¹⁰	3.8	4.6	2.8	3.5	3.6	3.3	1.8	1.6	1.1	1.0
VERMONT.....	3.6	4.6	2.9	3.6	2.4	2.6	1.4	1.5	.6	.7
VIRGINIA.....	3.6	4.1	2.5	3.1	3.2	2.8	1.6	1.4	1.0	.9
Richmond.....	4.5	4.0	2.6	3.4	3.3	2.6	1.6	1.5	1.1	.5
WASHINGTON ¹	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WEST VIRGINIA.....	2.0	3.3	1.3	2.0	2.3	2.3	.7	.7	1.1	1.0
Charleston.....	2.0	2.1	1.6	1.8	1.9	.9	.5	.4	1.2	.2
Wheeling-Steubenville.....	1.6	3.7	.7	1.9	2.2	2.4	.4	.4	.9	1.0

¹Excludes canning and preserving.²Not available.³Excludes agricultural chemicals, and miscellaneous manufacturing industries.⁴Excludes canning and preserving, and sugar.⁵Excludes canning and preserving, and newspapers.⁶Excludes instruments and related products.⁷Excludes furniture and fixtures.⁸Excludes new-hire rate for transportation equipment.⁹Excludes tobacco stemming and redrying.¹⁰Excludes canning and preserving, sugar, and tobacco.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

Explanatory Notes

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 9-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 in 330 areas throughout the country and is based on the activity or status reported for the calendar week ending nearest the 15th 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 180,000 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 ending nearest the 15th 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 below:

Employment

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

Multiple jobholding. The household approach provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, and are classified according to the job at which they worked the greatest number of

hours during the survey week. In the figures based on establishment records, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

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

Hours of Work

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

Comparability of the household interview data with other series

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

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

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

Comparability of the payroll employment data with other series

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from

its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reason for lack of comparability is different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, and in the industrial classification of establishments due to different reporting patterns by multi-unit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, transportation companies, and financial establishments, while 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 units considered integral parts of an establishment and in industrial classification. In addition, CBP data exclude employment in nonprofit institutions, interstate railroads, and government.

Employment covered by Unemployment Insurance programs. Not all nonfarm wage and salary workers are covered by the Unemployment Insurance programs. All workers in certain activities, such as nonprofit organizations and interstate railroads, are excluded. In addition, small firms in covered industries are also excluded in 34 States. In general, these are establishments with less than four employees.

LABOR FORCE DATA

COLLECTION AND COVERAGE

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

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population 14 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 14 years of age and over. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, ending nearest the 15th 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.

The sample for CPS is spread over 330 areas comprising 638 counties and independent cities, with coverage in 48 States and the District of Columbia. At present, completed interviews are obtained each month from about 35,000 households. There are about 1,500 additional sample households from which information should be collected but is not because the occupants are not found at home after repeated calls, are temporarily absent, or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. 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 1950 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 principle 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 nonwhite) 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 1950 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1950 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 (1950) 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.

Seasonal Adjustment

The seasonal adjustment method used for unemployment and other labor force 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 method appears in appendixes II and III of the report, *Seasonal Variations in the Labor Force, Employment, and Unemployment*, U.S. Bureau of the Census, Current Population Reports, Series P-50, No. 82. This report is available from BIS on request.

Seasonal adjustment factors for major components of the labor force to be applied to data for 1957 and later periods are shown in table A. Factors for broad age-sex groups and for duration of unemployment categories are included in the publication cited in the preceding paragraph. In computing these factors, the pre-1957 data were adjusted to reflect the new definitions of employment and unemployment adopted in January 1957. Seasonally adjusted aggregates for these series for 1948 to date are available on request.

Table A. Seasonal adjustment factors for the labor force and major components, to be used for the period 1957-59

Month	Civilian labor force	Employment			Unemployment	
		Total	Agriculture	Nonagricultural industries	Total	Rate
Jan...	97.6	96.8	80.7	98.7	114.3	116.9
Feb...	97.6	96.9	81.6	98.8	113.2	115.7
Mar...	98.2	97.7	85.8	99.1	108.3	110.2
Apr...	98.7	98.7	93.5	99.3	99.0	100.3
May...	100.1	100.2	106.1	99.5	98.5	98.6
June...	102.6	102.0	118.7	100.1	116.0	113.4
July...	103.0	102.9	117.2	100.9	105.5	102.6
Aug...	101.8	102.4	110.8	101.4	89.6	88.1
Sept...	100.5	101.3	111.6	100.3	83.1	82.5
Oct...	100.8	101.8	112.7	100.6	78.5	77.8
Nov...	100.1	100.3	97.0	100.7	95.5	95.0
Dec...	99.3	99.3	84.4	100.9	98.6	99.0

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.

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 two out of three 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 B shows the average standard error for the major employment status categories, by sex, computed from data for 12 recent 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 B. The standard errors of level shown in table B are acceptable approximations of the standard errors of year-to-year change.

Table B. 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 C 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.

Table C. 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
10,000.....	5	5	7	5	5	5
50,000.....	11	10	14	10	10	10
100,000.....	15	14	20	14	14	14
250,000.....	24	21	31	21	22	21
500,000.....	34	30	43	30	31	30
1,000,000.....	48	40	60	40	45	40
2,500,000.....	75	50	90	50	70	50
5,000,000.....	100	50	110	....	100	....
10,000,000.....	140	....	140	....	130	....
20,000,000.....	180	....	150	....	170	....
30,000,000.....	210	....	....	....	....	....
40,000,000.....	220	....	....	....	....	....

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 D, it is first necessary to obtain the standard error of the monthly level of the item in table C, and then find the standard error of the month-to-month change in table D corresponding to this standard error of level. It should be noted that table D 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 C are acceptable approximations.

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 C shows that the standard error of 15,000,000 is about 160,000. Consequently, the chances are about 68 out of 100 that the figure which would have been obtained from a complete count of the number of persons working the given number of hours would have differed by less than 160,000 from the sample estimate. Using the 160,000

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

Table D. 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
10,000.....	14	12
25,000.....	35	26
50,000.....	70	48
100,000.....	100	90
150,000.....	110	130
200,000.....	...	160
250,000.....	...	190
300,000.....	...	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 E shows the standard errors for percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table E.

Table E. Standard error of percentages

Estimated percentage	Base of percentage (thousands)					
	150	250	500	1,000	2,000	3,000
1 or 99.....	1.0	0.8	0.6	0.4	0.3	0.2
2 or 98.....	1.4	1.1	.8	.5	.4	.3
5 or 95.....	2.2	1.7	1.2	.9	.6	.5
10 or 90.....	3.0	2.3	1.7	1.2	.8	.7
15 or 85.....	3.5	2.8	2.0	1.4	1.0	.8
20 or 80.....	4.0	3.1	2.2	1.6	1.1	.9
25 or 75.....	4.2	3.4	2.4	1.7	1.2	1.0
35 or 65.....	4.7	3.7	2.6	1.9	1.3	1.1
50.....	4.9	3.9	2.8	1.9	1.4	1.1
	5,000	10,000	25,000	50,000	75,000	
1 or 99.....	0.2	0.1	0.1	0.1	0.1	
2 or 98.....	.2	.2	.1	.1	.1	
5 or 95.....	.4	.3	.2	.1	.1	
10 or 90.....	.5	.4	.2	.2	.1	
15 or 85.....	.6	.4	.3	.2	.2	
20 or 80.....	.7	.5	.3	.2	.2	
25 or 75.....	.8	.5	.3	.2	.2	
35 or 65.....	.8	.6	.4	.3	.2	
50.....	.9	.6	.4	.3	.2	

ESTABLISHMENT DATA

COLLECTION

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

Federal-State Cooperation

Under cooperative arrangements with State agencies, the respondent fills out only 1 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, ensures 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. The BLS and the Bureau of Employment Security jointly finance the current employment statistics program in 41 States, the turnover program in 40 States.

Shuttle Schedules

The Form BLS 790 is used to collect employment, payroll, and man-hours data, Form 1219 labor turnover data. Both schedules are of the "shuttle" type, with space for each month of the calendar year.

The BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments for the pay period ending nearest the 15th of each 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.

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 a product 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.

Prior to publication of State and area data for January 1959, all national, State, and area employment, hours, earnings, and labor turnover series were classified in accordance with the following documents: (1) For manufacturing, Standard Industrial Classification Manual, Volume I, Bureau of the Budget, 1945, and (2) for nonmanufacturing, Industrial Classification Code, Social Security Board, 1942. Beginning with January 1959 (with an overlap for 1958), State and area series are classified under the revised Standard Industrial Classification Manual published in 1957. The national industry statistics will be converted to the 1957 SIC early in 1961.

COVERAGE

Employment, Hours, and Earnings

Monthly reports on employment and, for most industries, payroll and man-hours are obtained from approximately 180,000 establishments. The table below shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Approximate size and coverage of BLS employment and payrolls sample 1/

Industry division	Number of establishments in sample	Employees	
		Number in sample	Percent of total
Mining.....	3,500	393,000	47
Contract construction.....	22,000	860,000	26
Manufacturing.....	43,900	11,779,000	69
Transportation and public utilities: Interstate railroads (ICC).....	---	1,152,000	97
Other transportation and public utilities.....	15,700	1,693,000	57
Wholesale and retail trade..	65,100	2,244,000	20
Finance, insurance, and real estate.....	12,900	757,000	33
Service and miscellaneous...	11,400	848,000	13
Government:			
Federal (Civil Service Commission) 2/.....	---	2,196,000	100
State and local.....	5,800	3,148,000	63

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

2/ State and area estimates of Federal employment are based on 2,300 reports covering 1,430,000 employees, collected through the BLS-State cooperative program.

Labor Turnover

Labor turnover reports are received from approximately 10,500 establishments in the manufacturing, mining, and communication industries (see table below). The following manufacturing industries are excluded from the labor turnover sample: Printing, publishing, and allied industries (since April 1943); canning and preserving fruits, vegetables, and sea foods; women's and misses' outerwear; and fertilizer.

Approximate size and coverage of BLS labor turnover sample used in computing national rates

Industry	Number of establishments in sample	Employees	
		Number in sample	Percent of total
Manufacturing.....	10,200	5,994,000	39
Durable goods.....	6,400	4,199,000	43
Nondurable goods.....	3,800	1,795,000	32
Metal mining.....	120	57,000	53
Coal mining:			
Anthracite.....	20	6,000	19
Bituminous.....	200	71,000	32
Communication:			
Telephone.....	(1/)	661,000	88
Telegraph.....	(1/)	28,000	65

1/ Does not apply.

CONCEPTS

Industry Employment

Employment data for all except Federal Government refer to persons on establishment payrolls who received pay for any part of the pay period ending nearest the 15th of the month. For Federal Government establishments, current data generally refer to persons who received pay for the last day of 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 shown separately, but their number is excluded from total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), 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. Persons are not counted as employed 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.

Benchmark Adjustments

Employment estimates are periodically compared with complete counts of employment in the various industries defined as nonagricultural, and appropriate adjustments made as indicated by the total counts or benchmarks. The comparison made for the first 3 months of 1957, the last benchmark adjustment, resulted in changes amounting to 0.5 percent of all nonagricultural employment, identical with the extent of the adjustment to the first quarter 1956 benchmark. The changes were less than 0.5 percent for three of the eight major industry divisions; under 2 percent for two other divisions; and 3.2, 3.3, and 6.4 percent for the remaining three divisions. The manufacturing total was changed by only 0.1 percent for the second successive year. Within manufacturing, the benchmark and estimate differed by 1.0 percent or less in 39 of the 132 individual industries, 41 industries were adjusted by 1.1 to 2.5 percent, and an additional 27 industries differed by 2.6-5.0 percent. One significant cause of differences between the benchmark and estimate is the change in industrial classification of individual firms, which is usually not reflected in BLS estimates until they are adjusted to new benchmarks. Other causes are sampling and response errors.

The basic sources of benchmark information are the quarterly tabulations of employment data, by industry, compiled by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations are prepared under Bureau of Employment Security direction. Supplementary tabulations prepared by the U.S. Bureau of Old Age and Survivors Insurance are used for the group of establishments exempt from State unemployment insurance laws because of their

small size. Benchmarks for industries wholly or partly excluded from the unemployment insurance laws are derived from a variety of other sources.

The BLS estimates relating to the benchmark quarter (the first quarter of the year) are compared with the new benchmark levels, industry by industry. Where revisions are necessary, the monthly estimates are adjusted between the new benchmark and the preceding one. The new benchmark for each industry is then projected to the current month by use of the sample trends. 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.

Seasonal Adjustment

Employment series for many industries reflect a regularly recurring seasonal movement which can be measured on the basis of past experience. By eliminating that part of the change in employment which can be ascribed to usual seasonal variation, it is possible to clarify the cyclical and other non-seasonal movements in the series. Seasonally adjusted employment aggregates are published. These estimates are derived by the use of factors based on free-hand adjustments of 12-month moving averages. Seasonal factors are available on request.

Industry Hours and Earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related 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.

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 ending nearest the 15th of the month. The payroll is reported before deductions of any kind, e.g., old-age and unemployment insurance, group insurance, withholding tax, bonds, and 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 ending nearest the 15th 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 ending nearest the 15th 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. Employment shifts 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 or 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 works 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, the 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 on 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.

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 two types of income receivers--a worker with no dependents, and a worker with three dependents. The computations are based on the gross average weekly earnings for all production and related workers in manufacturing, mining, or contract construction 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 average for the current month. The resulting level of earnings expressed in 1947-49 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, 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 one and one-half 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 1947-49 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.

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.

Labor Turnover

Labor turnover is the gross movement of wage and salary workers into and out of employment 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.

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

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 expected to last more than 30 consecutive calendar days.

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 former employees not recalled by the employer, or persons who have never before been employed in the establishment, except for those transferred from other establishments of the company.

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.

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 ending nearest the 15th of the month; (2) the turnover sample excludes certain industries (see Coverage, p. 5-E); (3) plants on strike are not included in the turnover computations beginning with the month the strike starts through the month the workers return; the influence of such stoppages is reflected, however, in the employment figures.

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. Additional industry detail may be obtained from the State agencies listed on the inside back cover. 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 official U.S. totals because of differences in the timing of benchmark adjustments, slightly varying methods of computation, and, since January 1959, a different classification system. (See Industrial Classification, p. 5-E.)

ESTIMATING METHODS

The procedures used for estimating industry employment, hours, earnings, and labor turnover statistics are summarized in the following table. Details are given in the appropriate technical notes, which are available on request.

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

Item	Individual manufacturing and nonmanufacturing industries	Total nonagricultural divisions, major groups, and groups
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 industries.
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 industries.
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 industries.
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 industries.
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 industries.
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 industries.
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.	Average, weighted by production- or nonsupervisory-worker employment, of the annual averages of weekly hours for component industries.
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.	Average, weighted by production-worker employment, of the annual averages of weekly overtime hours for component industries.
Gross average hourly earnings	Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours.	Average, weighted by aggregate man-hours, of the annual averages of hourly earnings for component industries.
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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