



EMPLOYMENT and EARNINGS

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DIVISION OF MANPOWER AND EMPLOYMENT STATISTICS
Seymour L. Wolfbein, Chief

CONVERSION OF STATE AND AREA
DATA TO 1957 SIC...

State and area employment, hours, and earnings data published in this issue are classified according to the 1957 Standard Industrial Classification Manual. See Announcement on page iii.

WHY HOURS OF WORK ARE
A LEADING INDICATOR...

When business cycle turns are impending, the trend of the average factory workweek will change direction months before the employment trend reverses. The article beginning on page v, contributed by Dr. Gerhard Bry of the National Bureau of Economic Research, discusses the reasons why hours lead.

NEW-HIRE RATES...

Effective with publication of turnover rates for January 1959 (this issue for national series and next month for States and areas), new-hire rates will be included in all "B" tables. New hires relate to temporary or permanent additions to the employment roll of individuals who have never before been employed in the establishment or former employees not recalled by the employer. Historical national series are available from January 1951.

NEW AREA SERIES...

Employment data for metropolitan areas in Ohio (table A-12), formerly limited to manufacturing, now include all non-agricultural industry divisions for the areas of Akron, Canton, Cincinnati, Cleveland, Columbus, Dayton, Toledo, and Youngstown. The Shreveport, La., series have also been expanded to cover all nonagricultural industry divisions.

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EMPLOYMENT and EARNINGS

The national employment figures shown in this report have been adjusted to first quarter 1957 benchmark levels.

EXPLANATORY NOTES

A brief outline of the concepts, methodology, and sources used in preparing data shown in this publication appears in the Annual Supplement Issue. Single copies of the Explanatory Notes may be obtained from the U. S. Department of Labor, Bureau of Labor Statistics, Division of Manpower and Employment Statistics, Washington 25, D. C. See page 55.

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COOPERATING STATE AGENCIES

Inside back cover

Prepared under the supervision of Jeanette G. Siegel

Announcement

The employment, hours, and earnings estimates for States and areas published in this issue are, except as footnoted in the appropriate tables, classified by industry according to the Standard Industrial Classification Manual issued in 1957 by the Bureau of the Budget. This shift to a new classification system was discussed in the article, Effect of Revised Industrial Classification System on BLS Employment Statistics, in Employment and Earnings for October 1958.

Because State and area labor turnover rates for a particular month lag 1 month behind the employment, hours, and earnings estimates, the turnover rates for States and areas published in this issue, relating to November-December 1958, are based on the 1945 SIC. When the rates for December 1958-January 1959 are published next month,

the data will be based on reports classified according to the 1957 SIC system.

Employment estimates based on the new SIC are available from January 1958 forward from the State agencies cooperating with the Bureau of Labor Statistics. These agencies are listed on the inside back cover. The change in classification systems has no appreciable effect on the levels and continuity of the hours and earnings series and labor turnover rates for the manufacturing division as a whole.

Estimates for the Nation as a whole prepared under the new classification system will not be published until the fall of 1960. Heretofore, the summed nonfarm and industry division estimates for the States differed only slightly from the national totals because some States had more recent

benchmarks than others and methods of computation varied slightly. In this interim period of differing classification systems, the summed State estimates for industry divisions may differ somewhat from the national totals for two reasons—the State estimates are based on a first quarter 1958 benchmark as compared with a first quarter 1957 benchmark for the national series, and

some of the differences between the old and new classification systems involve shifts between divisions. The radio and television broadcasting industry, for example, is classified in the transportation and public utilities division in the 1957 classification system, but in services under the system previously used for State estimates and still used for national estimates.

Why Cyclical Turns in Hours of Work Precede Those in Employment

Gerhard Bry*

One of the statistical measures that portends changes in the general level of economic activity is the length of the workweek. When turns in the business cycle are imminent, the workweek begins to lengthen or shorten months before the employment trend reverses. This lead of cyclical turning points in average weekly hours over turning points in employment is found not only in the large industry divisions such as Manufacturing, but in the industry groups and separate industries as well.¹

These findings raise a number of questions of obvious significance regarding the use of the average length of workweek as an economic indicator. For example: Do the observed leads of average weekly hours over employment appear only in the industry averages or do they exist also on the plant level? What are the reasons for the observed leads? And finally, what are the prospects that the leads of hours over employment will continue in the future? Let us deal with these topics in turn.

Do Hours Lead Employment in Individual Plants?

Hours and employment statistics are not generally published for individual plants. Moreover, the data collecting agencies of the Government are prevented, by strict disclosure rules, from making individual plant information available. However, through the cooperation of the Department of Labor's Bureau of Labor Statistics, it was possible to summarize the sequence of turning points of hours, relative to employment, in 20 unidentified manufacturing plants, for the period 1947 through 1957. These plants were selected according to specifications which required that the plants be relatively large by the standards

of the industry to which they belong; that they manufacture fairly homogeneous products, such as plate glass, portland cement, or certain types of work clothing; and that monthly data of weekly hours be available throughout the specified years. The requirement of product homogeneity was made to ensure that the measures of the hours-employment relationship would not be affected by shifts among products. The size distribution of the selected plants was as follows:

Size of plant	No. of plants
Total.....	20
Under 500 employees.....	1
500-999 employees.....	4
1,000-2,499 employees.....	6
2,500-4,999 employees.....	2
5,000 employees and over....	7

The data show that, in the selected plants, turns in weekly hours led those in employment in most cases. Timing comparisons were made for all clearly matched turns of hours and employment in each plant.² Altogether, the information for the 20 plants produced 74 pairs of comparable turning points.

*Of Rutgers University (School of Business Administration) and the National Bureau of Economic Research. The material presented here is based on a study, *The Timing of Cyclical Changes in the Average Workweek*, prepared for the NBER. This study forms part of a broader research project, the results of which will be published as a book on *Business Cycle Indicators*, edited by Geoffrey H. Moore.

¹A brief account of the length and pervasiveness of these leads can be found in the Thirty-seventh Annual Report of the National Bureau of Economic Research, pp. 59-61.

²These comparisons were based on 12-month moving averages, in order to minimize the effect of seasonal and random fluctuations. The latter are of course much larger in plant than in industry data and thus required smoothing.

Of these, 62 showed leads, 6 lags, and 6 coincidences. The prevalence of leads is similarly strong at peaks and at troughs, as shown in the following table.

The relationship between average hours and employment was not equally close in all plants. Some typical situations are illustrated on the accompanying chart which contains simplified versions of weekly hours and employment variations in four plants in the sample. Plant I illustrates cases where even brief intracyclical variations of hours and employment are closely related, with regular leads of hours over employment. Good corres-

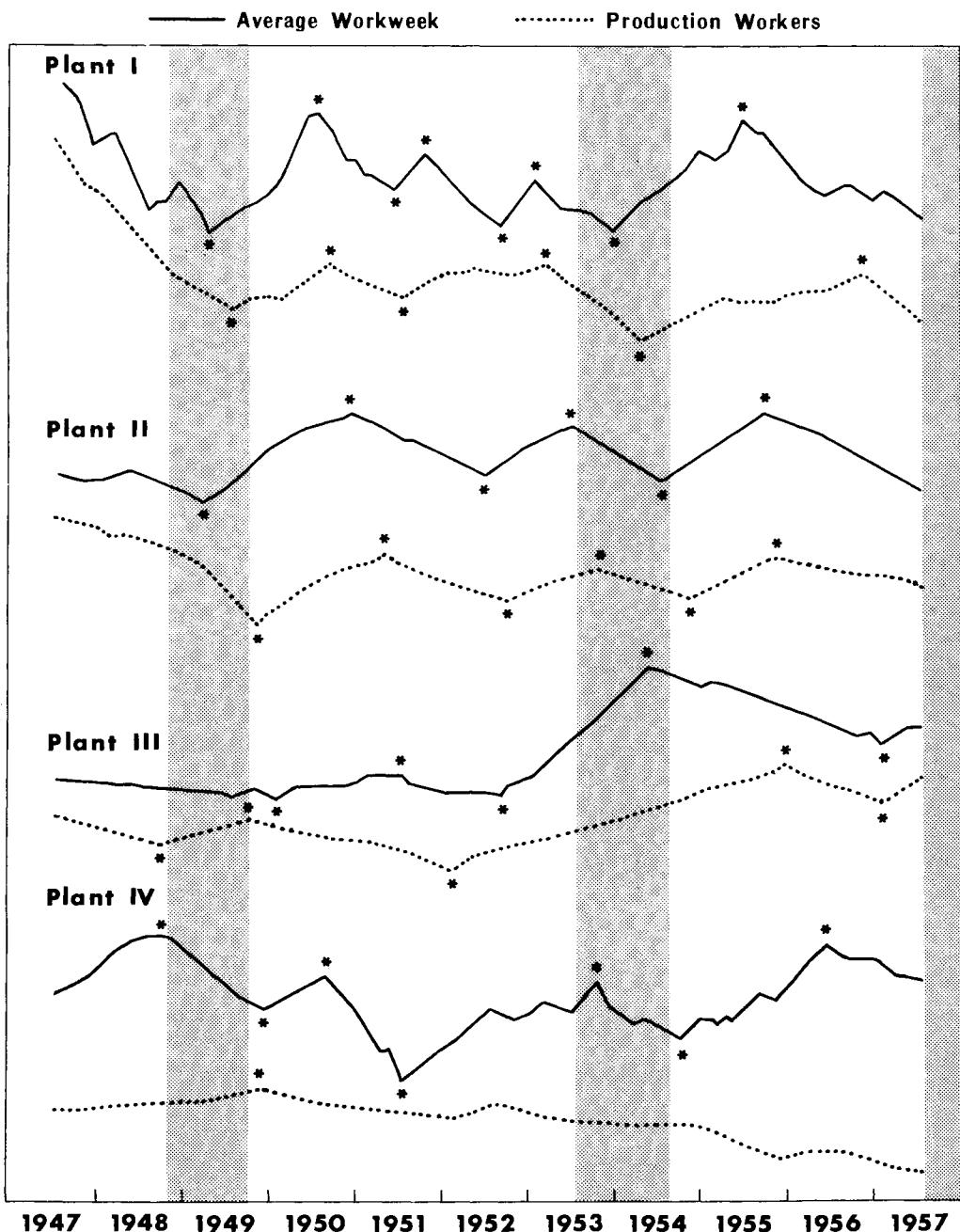
pondence of hours and employment is found in Plant II, as well as close correspondence of labor input variations to changes in general business conditions, as indicated by the shaded areas on the chart. Plant III shows some relatable turns but also reveals a good deal of independence between hours and employment fluctuations. It illustrates the most frequent conditions in our sample: A fair degree of independence between hours and employment, some clearly matched turns, and the typical lead of hours over employment wherever the turns can be matched. Plant IV, finally, is characterized by an almost total absence of related movements.

Timing of weekly hours relative to employment, as shown
by the number of leads and lags at matched turns,
20 manufacturing plants, 1947-57

(Number)

Plant designation	Cyclical peaks				Cyclical troughs				Peaks and troughs combined			
	Leads	Coincidences	Lags	Total	Leads	Coincidences	Lags	Total	Leads	Coincidences	Lags	Total
Total	34	3	1	38	28	3	5	36	62	6	6	74
A	3	-	-	3	2	-	1	3	5	-	1	6
B	-	-	-	0	-	-	-	0	-	-	-	0
C	1	-	-	1	1	1	-	2	2	1	-	3
D	2	-	-	2	1	-	-	1	3	-	-	3
E	2	-	-	2	1	-	-	1	3	-	-	3
F	-	-	-	0	-	-	-	0	-	-	-	0
G	2	1	-	3	2	-	-	2	4	1	-	5
H	2	-	-	2	2	-	1	3	4	-	1	5
I	1	-	-	1	2	-	-	2	3	-	-	3
J	-	-	-	0	-	-	-	0	-	-	-	0
K	1	-	-	1	1	-	-	1	2	-	-	2
L	4	-	-	4	4	-	-	4	8	-	-	8
M	1	-	-	1	-	-	1	1	1	-	1	2
N	1	1	-	2	-	1	1	2	1	2	1	4
O	2	-	-	2	2	-	-	2	4	-	-	4
P	3	-	-	3	3	-	-	3	6	-	-	6
Q	2	1	-	3	3	-	-	3	5	1	-	6
R	3	-	-	3	3	-	-	3	6	-	-	6
S	2	-	1	3	1	1	-	2	3	1	1	5
T	2	-	-	2	-	-	1	1	2	-	1	3

**Weekly Hours and Employment of
Production Workers in 4 Manufacturing Plants, 1947-57**
(Smoothed Series, Undisclosed Scales)



Shaded areas represent business cycle contractions,
according to NBER chronology. Dots identify peaks
and troughs of specific cycles.

UNITED STATES DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS

Why Do Hours Lead?

Among the factors chiefly responsible for the lead of cyclical turns in average weekly hours over employment may be the following: (a) Scheduled hours can be more quickly and conveniently adjusted than employment volume; (b) changes in the length of the workweek do not commit a company to a course of expansion or contraction of employment; (c) at business cycle peaks, reduction of overtime if much has been scheduled, leads to substantial cost saving through the avoidance of premium wage payments; (d) reduction of overtime may also enhance productivity, since overtime hours tend to be less productive and liberal use of overtime may encourage "drag-out" of work; (e) at troughs, fuller employment of that part of the regular work force which had been on involuntary part time provides cost advantages, as compared with hiring and training new help; (f) maintenance of a "stable" work force is preferable from the viewpoint of employee morale; and finally (g) work-sharing in times of receding demand and the converse sharing of increasing work opportunities is regarded, in many industries, as good public policy and is frequently made part of union agreements.

As plausible as these reasons may appear, they leave some basic questions unanswered. Why should employment continue to rise, near peaks, after hours have been reduced? An analysis of labor turnover rates likewise reveals that after hours have started to drop, near peaks, the hiring rate exceeds the voluntary quit rate for a while, thus bringing continued advances in employment. These relationships are observable on the plant as well as the industry level. But why should management, once it decides to reduce labor input, be unable to reduce hiring just enough to compensate for voluntary quits? In order to answer these questions, interviews with 15 industrial relations managers were scheduled in plants other than those for which data had been obtained from the BLS. The following paragraphs summarize the conclusions reached from these interviews.

Briefly, the continuation of existing employment trends, after weekly hours have changed direction, appears to be a result of the momentum of prevailing employment policies. Although decisions on overtime, relating to the length of the workweek, are typically made at the foreman level in response to changes in current workloads, decisions to change hiring policies are made at the plant management level, or even higher. That is, changes in weekly hours come about as the result of fluctuations in current workloads and are short-term adjustments of labor input. In contrast, changes in employment, other than those resulting from normal turnover, are the result of policy decisions based on long-term anticipated workloads. The latter adjustments presume some revisions in the business outlook of the plant, division, or company; they require the accumulation of internal and external evidence that such revision is warranted. In the meantime, established policies stand.

Adjustment of Labor Input Before Peaks

In the early stages of the cyclical decline of average weekly hours, reduction of overtime plays a large role. Although decisions on overtime hours are often made by foremen or supervisors who are under general instructions to keep such hours from being excessive, how vigorously these instructions are observed depends on circumstances such as the relative importance of labor costs, the profitability of the work involved, the urgency of the delivery date, and the service orientation of the firm. In any case, during the period close to peaks in general business activity, workloads tend to be heavy, deliveries urgent, the labor market tight, and recourse to longer hours least avoidable. Foremen request additional help, but frequently cannot obtain it expeditiously. This is their excuse for the high costs of hours worked at premium rates.

Suppose that the demand originating from "sales" decreases somewhat. These decreases will take pressure off "production" and lead

to a reduction in premium hours, thereby reducing the length of the average workweek. The fact that overtime hours are cut will not necessarily induce foremen to cancel their requests for additional help, since they may have no reason to assume that the reduction of pressure is more than temporary. They have just reached the desirable condition of operating without excessive overtime and will want to continue this state of affairs. The labor market, on the whole, is still very tight. They may have been clamoring for some hard-to-get personnel for a long time and will not relinquish their demands. In addition, there may still be some backlog of work plus many tasks that had been postponed in order to give priority to urgent orders. Voluntary quits will typically be replaced, requisitions of old standing will be kept active, and new requests will be processed. If hiring is done to cut overtime, recruiting and training costs must, of course, be considered. To some extent recruiting costs are fixed; and training costs, spread over any prolonged service of new workers, tend to be below overtime costs. For many new jobs, training periods are short, trained workers can be hired, or even untrained workers will soon begin to produce—even though at a low rate. Thus, training costs are not regarded as a major deterrent to replacing overtime by regular workers. All in all, from the foreman's point of view, there is no reason to stop the normal recruiting process.

What about the employment decisions made at higher management levels? Hiring policies will only be changed if there is clear indication that business has taken a turn for the worse. Outlook does not change, nor can policies, with every fluctuation in orders or sales. Internal and external evidence must be sufficiently strong and prolonged to justify a policy change. Orders, sales, backlogs, capacity utilization, labor costs, and profits constitute part of the internal evidence; industry statistics, trade opinion, general economic indicators, and business forecasts are part of the external evidence considered. Eventually, after the outlook has been modified,

businessmen may decide to retrench and, in this process, change employment policies. During the interim, the old policies stand.

It is essential to qualify this somewhat simplified account. If the projected workload of a plant requires less than the existing contingent of workers, foremen as well as higher management will, of course, attempt to reduce the payroll without waiting for signs of a companywide, industrywide, or nationwide recession. At the same time, management may try to find jobs for excess workers elsewhere in the firm—perhaps as replacements for voluntary quits, retirements, or other separations. It will not characteristically broaden such action into a policy change unless it should appear that retrenchment on a larger scale is required.

Other complications beset the contraction of employment. If the workload adjustment necessitates not only reduced hiring but actual layoffs, company policies may be circumscribed by collective agreements. In many cases, dismissal of workers with specified seniority may be permitted only after the workday is cut for all workers or after consultation with the union. Even if layoffs are indicated, seniority rules may delay the adjustment. A worker whose job is to be abolished, may have the right to "bump" a worker with lower seniority, in the same or another department or plant. The transferred worker has to learn the new job—typically from the replaced man. This leads to double-employment, though for a limited period, at the very time that a policy of labor input contraction is being pursued. It should be realized that "bumping" is a chain-reaction procedure—four or five "bumps" may be involved in the cancellation of a job held by a man with high seniority.

So far, the lag of employment peaks behind hours peaks has been traced to the sluggishness of management policies (relating to employment) as compared with the more flexible actions by foremen (relating to hours). However, the explanation of the lead of hours

should not be entirely conceived in terms of sharply conflicting practices at different management levels. Management responsibilities are not that clearly defined, and tend to vary considerably from firm to firm. Perhaps the lead of hours should rather be regarded as the result of differences in shorter term versus longer term adjustments.

Adjustment of Labor Input Before Troughs

Close to the low point of business activity, a variety of circumstances and of managerial considerations play their role in causing average weekly hours to turn in advance of employment. Near the trough of cycles, part-time work is widespread with some underutilization of manpower during the hours of employment.³ Suppose an increase in orders and a consequent stepping-up of production schedules occurs. Some such stepping-up may be possible without measurable adjustment of labor input by just "taking up the slack." Some further increase in output may be achieved by extending the workweek of those currently employed to full time or, for a limited period, beyond full-time hours. If more men are needed for a particular job, there may be an attempt to transfer workers from other jobs or departments that are still overstaffed. Only when these resources are exhausted, will management turn to the labor market.

In the beginning, any rehiring or new hiring will be cautious and will not exceed normal quits. Why will supervisors and managers prefer to raise weekly hours rather than to hire new workers? There is the need to satisfy those who accepted short-time work in lieu of layoffs; union agreements may regulate the sequence of the buildup and require that normal hours be introduced for the employed workers of specified seniority before new labor is hired. Guaranteed wage provisions and the experience rating aspects of unemployment insurance contributions make it desirable not to "commit" the company more deeply than necessary. Also, the initial costs of hiring, training, and supervising new workers must enter managerial considerations to some extent, although as stated previously, such costs may not be a prime

deterrent. Finally, the retrenchment policies instituted by management during the contraction are likely to be still in force. Management will resume expansionist policies only when firmly convinced that the turn has come.

These general conditions may be modified by a host of special circumstances. Large orders in one or the other department, obligations of early delivery incurred in order to obtain a contract, a promising outlook for specific products, production processes requiring new stocks, excessive layoffs or postponed hiring during the downturn, collective agreements specifying a shorter normal workweek--these and other circumstances may easily interfere with the usual pattern of an upturn in average weekly hours preceding a pickup in employment.

Will Hours Continue to Lead?

In the past, the average workweek has experienced its cyclical turns before turns in employment and general business conditions. Will it preserve this indicator characteristic in the future? Several factors must be considered.

The recent growth of a number of institutional arrangements bears on this question. Guaranteed annual wage agreements, supplementary unemployment benefits, union agreements on the mechanics of layoff and rehiring, protection of seniority rights, and retirement fund equities are examples. The main tendency of these institutional arrangements is to strengthen job security and to reduce labor turnover. Hence, variations in labor input, as affected by these developments, will take the form of manipulating the length of the workweek rather than the number of workers. This will tend to perpetuate the lead of average weekly hours over employment. However, some arrangements will not have this effect. Supplementary unemployment benefits are an example. During the recent recession, the

³This underutilization is particularly pronounced in case of indirect labor but also, in many circumstances, discernible in the case of production workers.

automobile workers preferred layoffs of low seniority workers to a short workweek for all workers. Combined unemployment insurance and supplementary unemployment benefits assured a fairly high income for the layoffs; the earnings of the high seniority workers were protected; and the overall income for the group as a whole was higher than it would have been otherwise. Assuming the perpetuation of present rules, the spread of supplementary unemployment benefits in the future would tend to dampen the cyclical fluctuations of the average workweek.

Technological progress in the direction of greater automation may affect the fluctuation of hours in some continuous-process industries. Closely scheduled around-the-clock operations might be expected to impose narrow limits on the manipulation of the length of the workweek. However, 24-hour operating schedules do not necessarily imply inflexibility in the length of the workweek per worker. Workers can still work a 4-, 5-, or 6-day week. Moreover, the length of the standard shift can be changed; for example, four 6-hour shifts might be substituted for three 8-hour shifts. Thus, considerable flexibility in the length of the workweek is compatible with continuous plant operation. The overall effect of automation, however, may be in the direction of less flexibility, since changes in the number of days worked and in the length of shifts are managerially cumbersome--certainly more so than arrangements for overtime or short time under less rigid operating conditions.

Will progress in management techniques affect the lead of weekly hours? The corporate officers interviewed expressed some interest in setting standards for decisions on the adjustment of labor input. Attempts had been made, it was learned, to develop formal standards ranging from simple rules of thumb to more complex approaches. A simple approach might be illustrated by the rule: "If 50 additional man-hours per week at a semiskilled occupation are required for more than 6 weeks, an extra man will be hired." In another in-

stance, experiments were made to base hiring (and layoff) decisions on a combination of 5 or 6 important factors such as length of prospective employment (or dearth of work), level of skill, degree of specialization and training time. However, it transpired that rules or formulas were infrequently relied upon in practice, presumably because of the many complicating factors and special circumstances. Frequently, decisions may be heavily affected by special considerations incapable of standardized measurement; for example, the need of an important customer for a particular job at a particular time. Consequently, the formalizing of decisions on overtime versus hiring are practical only within narrow limits. In any case, there is no indication that such formalization would reduce flexibility in the length of the average workweek.

One more factor which should be considered is improved business forecasting. The lag of employment turns behind those in hours may, to some extent be due to the belated realization of cyclical changes in industry or company activity. To the extent that this is so, increased awareness and skillful use of economic indicators may conceivably shorten the lag and prevent companies from continuing their employment policies after circumstances may warrant a reversal. However, despite current progress in this field, forecasting still remains speculative. Important changes in the hours-employment leads cannot be expected to originate from this quarter. Sharpened foresight and wise economic policies may tend to reduce the severity of business cycles, and, consequently, of labor input fluctuations. However, such reduction would be unlikely to affect the lead of average hours over employment in its role as an indicator of economic change, since hours have led during both severe and mild cycles.

Altogether, although there are factors which may in the future tend to limit the flexibility of hours of work, the lead of hours over employment turns will probably be maintained and with it the importance of the length of the workweek as an indicator of cyclical change.

Employment Highlights

FEBRUARY 1959

The number of employees on nonfarm payrolls was 50.2 million in February 1959, virtually unchanged from the previous month. Most industries showed the customary seasonal change. The steel industry continued to report a steady recovery in employment from the low point of the business downturn last spring.

The factory workweek, at 39.8 hours in February, was comparatively steady over the month. Hourly earnings remained at \$2.19 and weekly earnings edged off by 22 cents to \$87.16.

Nonmanufacturing Industries

Employment changes in nonmanufacturing industries were on the whole seasonal. The job decline in retail trade was somewhat less than usual for the month, but the drop in contract construction was relatively sharp for February. Employment declined slightly in mining and transportation; the job situation in these industries has shown almost no improvement since the low point of the recession.

Factory Job Changes Are Seasonal

The number of factory jobs rose slightly over the month to 15.7 million. Employment continued to rise substantially in the primary metals industry as steel mills further increased their output. Employment in primary metals has risen about 140,000 (14 percent) since its low point last May. An employment increase in the machinery industry resulted mainly from strike settlements at a large agricultural equipment company.

Employment changes in most other industries were seasonal. The relatively large increase in apparel trades employment was the usual one associated with production of summer wear.

Factory Workweek and Earnings

The workweek in manufacturing industries was seasonally steady at 39.8 hours. There was almost no change in hours of work in the primary metals industry, although there is usually a large decline. The machinery industry reported a rise in hours of work which was apparently connected with catching-up operations following the end of a major strike. In the automobile industry where employment was close to the January level, hours of work dropped sharply.

Hourly earnings of factory production workers remained unchanged for the third consecutive month at \$2.19. Weekly earnings edged off to \$87.16.

Compared with February a year ago, average weekly earnings were up by \$6.52. This resulted from the lengthening of the workweek by 1.4 hours as well as the rise of 9 cents in hourly earnings. Every major industry group in manufacturing reported higher weekly earnings in February 1959 than a year earlier. Earnings were higher by more than \$16 per week in the primary metals and rubber products industries. Both industries have recovered sharply over the year in hours of work, and have also shown large increases in hourly earnings.

**Table A-1: Employees in nonagricultural establishments,
by industry division**

(In thousands)

Year and month	TOTAL	Mining	Contract con- struction	Manufac- turing	Transpor- tation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Service and misce- lanous	Govern- ment
Annual average:									
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	4,122	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.....	50,536	720	2,648	15,464	3,904	11,136	2,375	6,396	7,893
1958: February..	49,777	747	2,173	15,593	3,944	10,948	2,343	6,240	7,789
March.....	49,690	733	2,316	15,355	3,910	10,939	2,348	6,267	7,822
April.....	49,726	716	2,493	15,104	3,883	10,940	2,356	6,384	7,850
May.....	49,949	711	2,685	15,023	3,874	10,961	2,370	6,455	7,870
June.....	50,413	717	2,806	15,206	3,904	11,035	2,391	6,488	7,866
July.....	50,178	705	2,882	15,161	3,907	10,984	2,410	6,465	7,664
August....	50,576	708	2,955	15,462	3,897	11,011	2,413	6,452	7,678
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...	50,292	705	2,342	15,676	3,837	11,035	2,366	6,303	8,028
February...	50,233	695	2,242	15,737	3,829	10,956	2,378	6,314	8,082

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

**Table A-2: Employees in nonagricultural establishments,
by industry division and selected groups**

(In thousands)

Industry division and group	February 1959	January 1959	February 1958	February 1959 net change from: January 1959	
				February 1959	
TOTAL.....	50,233	50,292	49,777	-59	+456
MINING.....	695	705	747	-10	-52
Metal mining.....	92.2	94.2	97.8	-2.0	-5.6
Bituminous-coal mining.....	191.7	192.3	212.4	-.6	-20.7
Nonmetallic mining and quarrying.....	103.2	103.4	103.2	-.2	0
CONTRACT CONSTRUCTION.....	2,242	2,342	2,173	-100	+69
MANUFACTURING.....	15,737	15,676	15,593	+61	+144
DURABLE GOODS.....	9,039	8,986	8,906	+53	+133
NONDURABLE GOODS	6,698	6,690	6,687	+8	+11
<i>Durable Goods</i>					
Ordnance and accessories.....	135.5	136.8	121.1	-1.3	+14.4
Lumber and wood products (except furniture)..	604.6	611.1	581.5	-6.5	+23.1
Furniture and fixtures.....	378.1	374.1	356.7	+4.0	+21.4
Stone, clay, and glass products.....	505.7	507.6	504.3	-1.9	+1.4
Primary metal industries.....	1,196.0	1,166.5	1,134.6	+29.5	+61.4
Fabricated metal products (except ordnance, machinery, and transportation equipment)....	1,058.4	1,051.5	1,042.9	+6.9	+15.5
Machinery (except electrical).....	1,531.5	1,509.4	1,579.7	+22.1	-48.2
Electrical machinery.....	1,172.0	1,170.9	1,132.4	+1.1	+39.6
Transportation equipment.....	1,672.8	1,690.0	1,676.0	-17.2	-3.2
Instruments and related products.....	325.6	320.2	320.9	+5.4	+4.7
Miscellaneous manufacturing industries.....	458.6	448.0	455.6	+10.6	+3.0
<i>Nondurable Goods</i>					
Food and kindred products.....	1,370.1	1,387.3	1,386.8	-17.2	-16.7
Tobacco manufactures.....	84.1	89.0	89.6	-4.9	-5.5
Textile-mill products.....	952.4	946.3	945.8	+6.1	+6.6
Apparel and other finished textile products..	1,207.9	1,181.1	1,181.4	+26.8	+26.5
Paper and allied products.....	549.7	549.7	545.7	0	+4.0
Printing, publishing, and allied industries..	852.0	852.1	853.2	-.1	-1.2
Chemicals and allied products.....	824.2	823.4	824.5	+.8	-3.3
Products of petroleum and coal.....	225.0	232.5	241.4	-7.5	-16.4
Rubber products.....	257.8	259.1	251.4	-1.3	+6.4
Leather and leather products.....	374.5	369.6	366.7	+4.9	+7.8
TRANSPORTATION AND PUBLIC UTILITIES.....	3,829	3,837	3,944	-8	-115
TRANSPORTATION.....	2,492	2,499	2,552	-7	-60
COMMUNICATION.....	743	744	795	-1	-52
OTHER PUBLIC UTILITIES.....	594	594	597	0	-3
WHOLESALE AND RETAIL TRADE.....	10,956	11,035	10,948	-79	+8
WHOLESALE TRADE.....	3,022	3,027	3,023	-5	-1
RETAIL TRADE.....	7,934	8,008	7,925	-74	+9
General merchandise stores.....	1,324.5	1,376.4	1,316.4	-51.9	+8.1
Food and liquor stores.....	1,589.2	1,579.8	1,602.2	+9.4	-13.0
Automotive and accessories dealers.....	766.4	764.3	778.4	+2.1	-12.0
Apparel and accessories stores.....	561.1	583.8	554.8	-22.7	+6.3
Other retail trade.....	3,693.0	3,703.6	3,673.2	-10.6	+19.8

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

**Table A-2: Employees in nonagricultural establishments,
by industry division and selected groups-Continued**

Industry division and group	(In thousands)			February 1959	
	February 1959	January 1959	February 1958	net change from: January 1959	February 1958
FINANCE, INSURANCE, AND REAL ESTATE.....	2,378	2,366	2,343	+12	+35
SERVICE AND MISCELLANEOUS.....	6,314	6,303	6,240	+11	+74
GOVERNMENT.....	8,082	8,028	7,789	+54	+293
FEDERAL.....	2,143	2,157	2,140	-14	+3
STATE AND LOCAL.....	5,939	5,871	5,649	+68	+290

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

**Table A-3: Production workers in manufacturing,
by major industry group**

Major industry group	(In thousands)			February 1959	
	February 1959	January 1959	February 1958	net change from: January 1959	February 1958
MANUFACTURING.....	11,898	11,849	11,767	+49	+131
DURABLE GOODS	6,775	6,732	6,653	+43	+122
NONDURABLE GOODS.....	5,123	5,117	5,114	+6	+9
<i>Durable goods</i>					
Ordnance and accessories.....	71.5	72.9	67.0	-1.4	+4.5
Lumber and wood products (except furniture)....	540.3	546.2	516.5	-5.9	+23.8
Furniture and fixtures.....	316.1	312.4	295.3	+3.7	+20.8
Stone, clay, and glass products.....	408.7	411.1	408.0	-2.4	.7
Primary metal industries.....	982.4	953.5	912.5	+28.9	+69.9
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	824.9	818.9	805.8	+6.0	+19.1
Machinery (except electrical).....	1,070.9	1,052.9	1,108.6	+18.0	-37.7
Electrical machinery.....	791.2	791.2	766.6	0	+24.6
Transportation equipment.....	1,196.9	1,214.0	1,206.9	-17.1	-10.0
Instruments and related products.....	211.8	208.4	210.9	+3.4	.9
Miscellaneous manufacturing industries.....	360.2	350.5	355.0	+9.7	+5.2
<i>Nondurable Goods</i>					
Food and kindred products.....	934.8	951.1	951.0	-16.3	-16.2
Tobacco manufactures.....	71.5	78.9	79.2	-4.4	-4.7
Textile-mill products.....	860.5	855.3	854.7	+5.2	+5.8
Apparel and other finished textile products....	1,075.0	1,052.0	1,050.6	+23.0	+21.4
Paper and allied products.....	440.1	440.9	438.4	-.8	+1.7
Printing, publishing, and allied industries....	542.6	542.9	545.8	-.3	-3.2
Chemicals and allied products.....	514.4	513.2	518.5	+1.2	-4.1
Products of petroleum and coal.....	148.5	154.0	158.7	-5.5	-10.2
Rubber products.....	198.8	199.4	191.3	-.6	+7.5
Leather and leather products.....	334.0	329.5	326.2	+4.5	+7.8

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

Employment Indexes

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Table A-4: Index of employees in nonagricultural establishments, by industry division

(1947-49=100)

Industry division	February 1959	January 1959	December 1958	February 1958
TOTAL.....	114.8	115.0	118.7	113.8
Mining.....	73.3	74.4	75.2	78.8
Contract construction.....	106.5	111.3	118.1	103.2
Manufacturing.....	105.4	105.0	105.5	104.4
Durable goods.....	112.3	111.6	111.6	110.6
Nondurable goods.....	97.4	97.3	98.3	97.2
Transportation and public utilities.....	94.1	94.3	95.3	96.9
Transportation.....	86.6	86.8	88.2	88.7
Communication.....	109.9	110.1	110.5	117.6
Other public utilities.....	114.9	114.9	115.3	115.5
Wholesale and retail trade.....	116.4	117.3	127.3	116.4
Wholesale trade.....	121.1	121.3	122.8	121.1
Retail trade.....	114.8	115.8	128.9	114.6
Finance, insurance, and real estate.....	137.8	137.1	137.5	135.7
Service and miscellaneous.....	129.0	128.8	130.5	127.5
Government.....	142.8	141.8	147.9	137.6
Federal.....	113.5	114.2	131.7	113.3
State and local.....	157.4	155.6	156.0	149.8

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

Table A-5: Index of production workers in manufacturing, by major industry group

(1947-49=100)

Major industry group	February 1959	January 1959	December 1958	February 1958
MANUFACTURING.....	96.2	95.8	96.5	95.1
DURABLE GOODS.....	101.5	100.9	101.0	99.7
NONDURABLE GOODS.....	90.0	89.9	91.1	89.8
Durable Goods				
Ordnance and accessories.....	317.6	322.1	322.1	295.6
Lumber and wood products (except furniture).....	73.2	74.0	76.6	70.1
Furniture and fixtures.....	107.0	105.6	104.6	99.9
Stone, clay, and glass products.....	94.0	94.5	97.0	93.8
Primary metal industries.....	95.4	92.7	91.6	88.7
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	105.9	105.1	105.8	103.5
Machinery (except electrical).....	94.2	92.6	91.3	97.5
Electrical machinery.....	123.5	123.5	123.2	119.8
Transportation equipment.....	117.0	118.7	118.1	118.0
Instruments and related products.....	109.3	107.2	108.2	108.8
Miscellaneous manufacturing industries.....	94.7	92.4	94.7	93.4
Nondurable Goods				
Food and kindred products.....	79.0	80.3	84.6	89.3
Tobacco manufactures.....	71.0	74.8	78.5	74.8
Textile-mill products.....	70.5	70.0	70.5	70.0
Apparel and other finished textile products.....	103.2	101.0	101.4	100.9
Paper and allied products.....	109.8	110.1	110.6	109.3
Printing, publishing, and allied industries.....	113.0	113.0	114.4	113.6
Chemicals and allied products.....	100.7	100.5	100.7	102.9
Products of petroleum and coal.....	80.1	82.8	83.3	85.5
Rubber products.....	97.7	97.7	97.2	93.8
Leather and leather products.....	92.3	91.2	91.0	90.1

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

**Table A-6: Employees in nonagricultural establishments,
by industry division, seasonally adjusted**

Industry division	Number (in thousands)				Index (1947-49=100)			
	Feb. 1959	Jan. 1959	Dec. 1958	Feb. 1958	Feb. 1959	Jan. 1959	Dec. 1958	Feb. 1958
	51,036	51,022	50,844	50,575	116.7	116.6	116.2	115.6
Mining.....	695	705	709	747	73.3	74.4	74.8	78.8
Contract construction.....	2,533	2,602	2,550	2,455	120.3	123.6	121.1	116.6
Manufacturing.....	15,789	15,768	15,701	15,648	105.8	105.6	105.2	104.8
Durable goods.....	9,030	9,004	8,956	8,895	112.1	111.8	111.2	110.5
Nondurable goods.....	6,759	6,764	6,745	6,753	98.3	98.3	98.1	98.2
Transportation and public utilities.....	3,874	3,895	3,859	3,990	95.2	95.7	94.8	98.0
Transportation.....	2,530	2,550	2,513	2,591	87.9	88.6	87.3	90.0
Communication.....	747	748	747	799	110.5	110.7	110.5	118.2
Other public utilities.....	597	597	599	600	115.5	115.5	115.9	116.1
Wholesale and retail trade.....	11,244	11,198	11,143	11,235	119.5	119.0	118.4	119.4
Wholesale trade.....	3,022	3,027	3,005	3,023	121.1	121.3	120.4	121.1
Retail trade.....	8,222	8,171	8,138	8,212	118.9	118.2	117.7	118.8
Finance, insurance, and real estate.....	2,402	2,390	2,385	2,367	139.2	138.5	138.2	137.1
Service and miscellaneous.....	6,443	6,432	6,448	6,367	131.7	131.5	131.8	130.1
Government.....	8,056	8,032	8,049	7,766	142.3	141.9	142.2	137.2
Federal.....	2,176	2,190	2,221	2,173	115.3	116.0	117.6	115.1
State and local.....	5,880	5,842	5,828	5,593	155.9	154.9	154.5	148.3

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

**Table A-7: Employees in manufacturing,
by major industry group, seasonally adjusted**

Major industry group	(In thousands)				Production workers			
	Feb. 1959	Jan. 1959	Dec. 1958	Feb. 1958	Feb. 1959	Jan. 1959	Dec. 1958	Feb. 1958
	15,789	15,768	15,701	15,648	11,940	11,934	11,884	11,818
MANUFACTURING								
DURABLE GOODS.....	9,030	9,004	8,956	8,895	6,763	6,747	6,708	6,642
NONDURABLE GOODS.....	6,759	6,764	6,745	6,753	5,177	5,187	5,176	5,176
<i>Durable Goods</i>								
Ordnance and accessories.....	136	137	136	121	72	73	73	67
Lumber and wood products (except furniture).....	631	644	642	607	565	578	577	541
Furniture and fixtures.....	372	369	364	351	310	307	303	289
Stone, clay, and glass products.....	512	520	520	510	415	422	422	414
Primary metal industries.....	1,191	1,162	1,150	1,130	977	949	938	908
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	1,050	1,044	1,050	1,035	817	811	816	798
Machinery (except electrical).....	1,516	1,499	1,489	1,564	1,055	1,043	1,033	1,093
Electrical machinery.....	1,164	1,163	1,151	1,124	783	783	774	759
Transportation equipment.....	1,673	1,690	1,681	1,676	1,197	1,214	1,208	1,207
Instruments and related products.....	326	319	318	321	212	207	208	211
Miscellaneous manufacturing industries.....	459	457	455	456	360	360	356	355
<i>Nondurable Goods</i>								
Food and kindred products.....	1,474	1,477	1,474	1,493	1,033	1,037	1,035	1,051
Tobacco manufactures.....	88	87	88	94	79	77	78	83
Textile-mill products.....	943	942	940	938	852	851	849	847
Apparel and other finished textile products.....	1,171	1,171	1,167	1,144	1,039	1,042	1,040	1,015
Paper and allied products.....	552	552	549	548	442	443	441	440
Printing, publishing, and allied industries.....	855	852	849	856	546	543	542	549
Chemicals and allied products.....	825	820	821	828	511	510	511	522
Products of petroleum and coal.....	227	236	236	243	151	157	157	161
Rubber products.....	257	257	253	250	198	197	194	190
Leather and leather products.....	367	370	368	359	326	330	329	318

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

**Table A-8: Employees in nonagricultural establishments,
by industry**

(In thousands)

Industry	All employees			Production or construction workers 1/		
	January 1959	December 1958	January 1958	January 1959	December 1958	January 1958
TOTAL	50,292	51,935	50,477	—	—	—
MINING	705	713	766	558	566	616
METAL MINING.....	94.2	93.4	101.2	78.3	76.9	84.3
Iron mining.....	31.3	30.3	33.9	26.8	25.8	29.0
Copper mining.....	30.2	30.2	29.9	25.0	25.0	24.7
Lead and zinc mining.....	13.0	12.7	14.8	10.6	10.2	12.3
ANTHRACITE MINING.....	19.5	19.6	23.3	17.7	17.8	21.7
BITUMINOUS-COAL MINING.....	192.3	192.2	219.8	170.9	171.4	196.9
CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION.....	296.0	300.7	315.8	205.0	209.7	223.6
Petroleum and natural-gas production (except contract services).....	181.1	182.7	191.1	106.5	108.0	116.2
NONMETALLIC MINING AND QUARRYING.....	103.4	107.3	106.1	85.9	89.7	89.0
CONTRACT CONSTRUCTION	2,342	2,486	2,387	1,972	2,115	2,025
NONBUILDING CONSTRUCTION	433	506	453	362	434	382
Highway and street construction.....	174.9	217.0	166.8	150.6	192.9	144.1
Other nonbuilding construction.....	258.0	289.0	286.4	211.0	241.1	237.7
BUILDING CONSTRUCTION	1,909	1,980	1,934	1,611	1,681	1,643
GENERAL CONTRACTORS	652.1	677.8	721.1	564.0	589.0	626.7
SPECIAL-TRADE CONTRACTORS	1,257.2	1,302.5	1,212.9	1,046.7	1,092.0	1,015.8
Plumbing and heating.....	296.7	308.6	302.6	239.4	250.9	247.2
Painting and decorating.....	148.2	163.8	136.4	131.1	146.9	122.0
Electrical work.....	170.7	177.4	173.4	134.7	141.4	137.4
Other special-trade contractors.....	641.6	652.7	600.5	541.5	552.8	509.2
MANUFACTURING	15,676	15,749	15,865	11,849	11,930	12,024
DURABLE GOODS.....	8,986	8,989	9,138	6,732	6,740	6,869
NONDURABLE GOODS.....	6,690	6,760	6,727	5,117	5,190	5,155
<i>Durable Goods</i>						
ORDNANCE AND ACCESSORIES.....	136.8	136.1	120.0	72.9	72.8	67.6
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE).....	611.1	630.3	592.1	546.2	564.7	526.4
Logging camps and contractors.....	81.5	89.4	71.0	75.6	83.3	64.8
Sawmills and planing mills.....	301.3	309.8	299.6	273.5	282.0	272.1
Millwork, plywood, and prefabricated structural wood products.....	130.3	132.8	122.4	109.8	111.9	101.6
Wooden containers.....	44.1	44.8	45.6	40.2	40.8	41.3
Miscellaneous wood products.....	53.9	53.5	53.5	47.1	46.7	46.6

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

**Table A-8: Employees in nonagricultural establishments,
by industry—Continued**

(In thousands)

Industry	All employees			Production workers 1/		
	January 1959	December 1958	January 1958	January 1959	December 1958	January 1958
Durable Goods—Continued						
FURNITURE AND FIXTURES.....	374.1	369.8	360.4	312.4	308.6	298.5
Household furniture.....	272.5	267.5	258.1	234.8	230.0	220.6
Office, public-building, and professional furniture.....	144.4	144.8	144.3	34.5	34.9	34.5
Partitions, shelving, lockers, and fixtures.....	33.9	34.2	35.7	25.2	25.7	26.3
Screens, blinds, and miscellaneous furniture and fixtures.....	23.3	23.3	22.3	17.9	18.0	17.1
STONE, CLAY, AND GLASS PRODUCTS.....	507.6	519.0	515.5	411.1	421.9	418.5
Flat glass.....	23.5	23.3	33.8	19.9	19.7	30.1
Glass and glassware, pressed or blown.....	94.2	96.0	93.5	79.5	81.3	77.7
Glass products made of purchased glass.....	17.3	17.3	16.9	14.3	14.3	13.9
Cement, hydraulic.....	39.3	41.7	41.2	32.2	34.4	33.9
Structural clay products.....	70.3	74.2	72.4	60.6	64.4	62.4
Pottery and related products.....	44.7	45.1	45.5	38.3	38.7	38.9
Concrete, gypsum, and plaster products.....	106.6	110.1	101.2	84.7	87.8	80.3
Cut-stone and stone products.....	17.8	18.3	17.9	15.3	15.8	15.3
Miscellaneous nonmetallic mineral products.....	93.9	93.0	93.1	66.3	65.5	66.0
PRIMARY METAL INDUSTRIES.....	1,166.5	1,155.4	1,183.8	953.5	943.4	958.4
Blast furnaces, steel works, and rolling mills.....	569.8	564.2	567.2	469.5	464.4	462.0
Iron and steel foundries.....	211.0	208.2	217.6	180.6	178.2	186.3
Primary smelting and refining of nonferrous metals.....	54.9	55.1	64.0	42.6	42.8	49.6
Secondary smelting and refining of nonferrous metals.....	12.0	11.8	12.3	8.9	8.7	8.7
Rolling, drawing, and alloying of nonferrous metals.....	110.3	110.0	109.5	85.0	84.8	83.5
Nonferrous foundries.....	62.5	62.1	61.7	51.3	50.8	49.5
Miscellaneous primary metal industries..	146.0	144.0	151.5	115.6	113.7	118.8
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).....	1,051.5	1,057.6	1,080.7	818.9	824.3	840.0
Tin cans and other tinware.....	55.4	55.3	54.1	48.1	47.8	46.4
Cutlery, hand tools, and hardware.....	136.0	136.2	141.5	108.6	109.0	112.1
Heating apparatus (except electric) and plumbers' supplies.....	108.8	109.2	108.3	82.4	82.4	82.4
Fabricated structural metal products....	287.8	294.8	315.8	205.7	211.7	232.0
Metal stamping, coating, and engraving..	226.9	226.4	228.4	186.5	186.5	184.1
Lighting fixtures.....	47.8	48.2	48.1	37.2	37.6	37.1
Fabricated wire products.....	56.8	55.8	54.4	45.8	44.9	43.5
Miscellaneous fabricated metal products.	132.0	131.7	130.1	104.6	104.4	102.4
MACHINERY (EXCEPT ELECTRICAL).....	1,509.4	1,493.9	1,609.3	1,052.9	1,038.2	1,134.0
Engines and turbines.....	97.6	96.4	95.5	62.7	61.5	65.9
Agricultural machinery and tractors....	130.5	123.9	141.2	90.0	84.0	98.3
Construction and mining machinery.....	123.2	120.2	135.4	84.6	81.9	93.3
Metalworking machinery.....	220.6	218.5	254.7	160.0	157.8	188.8
Special-industry machinery (except metalworking machinery).....	156.5	156.1	172.1	106.9	107.0	118.3
General industrial machinery.....	213.6	213.0	240.9	133.9	133.7	154.7
Office and store machines and devices...	128.4	130.6	124.4	87.5	88.4	83.9
Service-industry and household machines.	177.4	173.6	174.8	132.2	129.0	128.1
Miscellaneous machinery parts.....	261.6	261.6	270.3	195.1	194.9	202.7

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

**Table A-8: Employees in nonagricultural establishments,
by industry—Continued**

Industry	(In thousands)			Production workers 1/		
	January 1959	December 1958	January 1958	January 1959	December 1958	January 1958
Durable Goods—Continued						
ELECTRICAL MACHINERY.....	1,170.9	1,166.2	1,161.5	791.2	788.9	793.3
Electrical generating, transmission, distribution, and industrial apparatus.	385.4	381.9	399.3	262.1	258.3	268.1
Electrical appliances.....	35.3	35.9	36.8	26.3	26.8	27.2
Insulated wire and cable.....	28.2	28.0	25.9	21.9	21.7	19.7
Electrical equipment for vehicles.....	65.7	65.2	71.3	51.2	50.8	55.5
Electric lamps.....	26.1	26.0	29.3	22.4	22.3	25.2
Communication equipment.....	583.5	582.5	552.0	373.2	375.1	364.1
Miscellaneous electrical products.....	46.7	46.7	46.9	34.1	33.9	33.5
TRANSPORTATION EQUIPMENT.....	1,690.0	1,681.4	1,736.8	1,214.0	1,207.6	1,266.7
Motor vehicles and equipment.....	734.0	716.8	756.4	580.9	566.8	599.1
Aircraft and parts.....	756.5	767.4	762.4	473.0	482.9	489.9
Aircraft.....	456.4	462.0	457.5	287.1	292.4	295.6
Aircraft engines and parts.....	148.6	152.0	156.6	88.4	90.6	93.3
Aircraft propellers and parts.....	15.0	15.8	20.8	9.5	10.2	14.3
Other aircraft parts and equipment.....	136.5	137.6	127.5	88.0	89.7	86.7
Ship and boat building and repairing....	144.8	142.3	146.1	120.8	118.6	123.9
Ship building and repairing.....	124.2	122.4	125.3	103.1	101.6	105.7
Boat building and repairing.....	20.6	19.9	20.8	17.7	17.0	18.2
Railroad equipment.....	46.1	45.8	64.2	32.4	32.1	47.9
Other transportation equipment.....	8.6	9.1	7.7	6.9	7.2	5.9
INSTRUMENTS AND RELATED PRODUCTS.....	320.2	320.2	325.7	208.4	209.6	214.9
Laboratory, scientific, and engineering instruments.....	59.2	58.7	60.2	32.2	32.1	33.3
Mechanical measuring and controlling instruments.....	85.8	85.6	86.2	57.2	57.2	57.6
Optical instruments and lenses.....	15.0	15.0	13.7	10.0	10.0	9.8
Surgical, medical, and dental instruments.....	42.3	42.1	42.5	27.5	27.7	28.2
Ophthalmic goods.....	24.3	24.0	24.9	18.8	18.8	19.3
Photographic apparatus.....	64.1	64.9	68.1	38.7	39.6	42.2
Watches and clocks.....	29.5	29.9	30.1	24.0	24.2	24.5
MISCELLANEOUS MANUFACTURING INDUSTRIES...	448.0	459.3	452.2	350.5	360.4	351.1
Jewelry, silverware, and plated ware....	45.0	45.8	45.0	35.3	35.9	34.9
Musical instruments and parts.....	17.2	17.3	17.4	14.3	14.3	14.7
Toys and sporting goods.....	66.0	71.6	69.3	52.8	57.6	54.8
Pens, pencils, other office supplies....	28.8	29.4	31.8	21.1	21.6	22.9
Costume jewelry, buttons, notions.....	60.2	59.0	58.8	48.7	47.4	46.5
Fabricated plastics products.....	86.7	87.9	86.7	67.6	68.7	66.6
Other manufacturing industries.....	144.1	148.3	143.2	110.7	114.9	110.7
Nondurable Goods						
FOOD AND KINDRED PRODUCTS.....	1,387.3	1,438.6	1,406.8	951.1	1,001.0	969.0
Meat products.....	304.7	312.2	312.8	242.5	250.2	247.9
Dairy products.....	91.4	93.5	96.3	60.4	62.2	62.9
Canning and preserving.....	161.7	181.1	162.8	128.9	148.2	129.9
Grain-mill products.....	113.2	112.2	111.7	78.2	77.0	77.9
Bakery products.....	280.3	282.3	283.6	159.5	162.0	164.9
Sugar.....	30.1	41.0	32.8	24.9	35.5	27.6
Confectionery and related products.....	76.0	79.0	76.0	61.7	64.5	62.2
Beverages.....	196.7	202.5	198.2	103.7	108.7	105.9
Miscellaneous food products.....	133.2	134.8	132.6	91.3	92.7	89.8

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

**Table A-8: Employees in nonagricultural establishments,
by industry-Continued**

(In thousands)

Industry	All employees			Production workers 1/		
	January 1959	December 1958	January 1958	January 1959	December 1958	January 1958
Nondurable Goods—Continued						
TOBACCO MANUFACTURES.....	89.0	93.3	93.9	78.9	83.0	83.9
Cigarettes.....	37.1	37.0	35.7	32.1	32.1	31.2
Cigars.....	27.3	28.7	30.6	25.6	27.0	28.9
Tobacco and snuff.....	6.4	6.5	6.4	5.4	5.4	5.4
Tobacco stemming and redrying.....	18.2	21.1	21.2	15.8	18.5	18.4
TEXTILE-MILL PRODUCTS.....	946.3	953.1	951.4	855.3	862.2	860.9
Scouring and combing plants.....	5.4	5.5	4.8	4.9	4.9	4.3
Yarn and thread mills.....	108.6	109.8	110.6	100.3	101.5	101.9
Broad-woven fabric mills.....	398.2	399.8	411.4	370.2	371.8	384.4
Narrow fabrics and smallwares.....	28.7	28.8	27.5	25.1	25.2	23.9
Knitting mills.....	205.8	210.1	196.6	186.0	190.2	176.5
Dyeing and finishing textiles.....	86.1	86.4	85.6	74.6	74.7	74.8
Carpets, rugs, other floor coverings.....	46.7	46.3	47.8	38.9	38.6	39.1
Hats (except cloth and millinery).....	10.0	9.9	10.5	8.7	8.7	9.5
Miscellaneous textile goods.....	56.8	56.5	56.6	46.6	46.6	46.5
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....						
Men's and boys' suits and coats.....	1,181.1	1,183.8	1,168.0	1,052.0	1,055.6	1,036.8
Men's and boys' furnishings and work clothing.....	109.2	109.0	110.9	96.4	96.4	98.5
Women's outerwear.....	347.3	346.8	351.6	311.0	311.1	313.4
Women's, children's under garments.....	114.9	116.8	115.9	102.9	101.7	103.6
Millinery.....	20.5	18.5	18.0	18.2	16.3	15.7
Children's outerwear.....	75.5	73.5	74.1	67.6	65.5	65.7
Fur goods.....	9.4	10.5	10.2	7.0	8.1	7.6
Miscellaneous apparel and accessories.....	56.5	58.1	56.3	51.1	52.5	50.5
Other fabricated textile products.....	132.2	134.2	124.2	111.1	112.9	102.2
PAPER AND ALLIED PRODUCTS.....						
Pulp, paper, and paperboard mills.....	549.7	551.0	552.1	440.9	442.7	444.8
Paperboard containers and boxes.....	270.7	270.2	272.1	221.1	220.8	223.6
Other paper and allied products.....	150.4	152.5	150.8	120.3	122.5	120.8
128.6	128.3	129.2	99.5	99.4	100.4	
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.....						
Newspapers.....	852.1	857.4	855.8	542.9	549.7	549.2
Periodicals.....	317.2	318.1	315.2	156.7	159.4	156.4
Books.....	61.7	61.7	62.6	25.7	25.3	26.0
Commercial printing.....	56.4	56.1	55.4	33.9	33.7	34.7
Lithographing.....	220.3	221.7	223.9	177.6	178.9	180.7
Greeting cards.....	65.1	66.8	65.4	48.8	50.5	49.4
Bookbinding and related industries.....	19.9	20.5	18.0	13.8	14.6	12.3
Miscellaneous publishing and printing services.....	44.2	44.4	44.8	34.7	34.8	35.3
67.3	68.1	70.5	51.7	52.5	54.4	
CHEMICALS AND ALLIED PRODUCTS.....						
Industrial inorganic chemicals.....	823.4	823.7	831.2	513.2	514.3	525.3
Industrial organic chemicals.....	100.2	99.9	105.9	66.5	66.2	70.5
Drugs and medicines.....	314.2	312.8	317.6	194.9	194.7	199.7
Soap, cleaning and polishing preparations.....	103.4	103.0	102.3	57.2	57.2	58.6
Paints, pigments, and fillers.....	50.1	50.3	48.5	30.2	30.3	29.8
Gum and wood chemicals.....	73.4	73.7	73.1	44.0	44.3	43.7
Fertilizers.....	7.5	7.6	8.0	6.2	6.2	6.6
Vegetable and animal oils and fats.....	35.1	33.2	34.5	25.5	23.6	25.0
Miscellaneous chemicals.....	40.3	41.7	40.3	27.5	28.6	28.1
99.2	101.5	101.0	61.2	63.2	63.3	

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

**Table A-8: Employees in nonagricultural establishments,
by industry-Continued**

(In thousands)

Industry	All employees			Production or nonsupervisory workers 1/		
	January 1959	December 1958	January 1958	January 1959	December 1958	January 1958
<i>Nondurable Goods—Continued</i>						
PRODUCTS OF PETROLEUM AND COAL.....	232.5	233.6	243.8	154.0	154.6	161.0
Petroleum refining.....	186.9	187.5	196.7	118.3	118.5	124.7
Coke, other petroleum and coal products.....	45.6	46.1	47.1	35.7	36.1	36.3
RUBBER PRODUCTS.....	259.1	257.2	260.9	199.4	198.2	200.9
Tires and inner tubes.....	104.0	103.4	109.2	77.1	77.1	81.6
Rubber footwear.....	21.2	21.2	21.6	17.2	17.1	17.5
Other rubber products.....	133.9	132.6	130.1	105.1	104.0	101.8
LEATHER AND LEATHER PRODUCTS.....	369.6	368.3	363.0	329.5	328.7	322.8
Leather: tanned, curried, and finished.....	38.3	38.4	39.5	34.0	34.2	35.2
Industrial leather belting and packing.....	4.6	4.5	4.7	3.6	3.5	3.6
Boot and shoe cut stock and findings.....	19.9	19.5	18.9	17.9	17.6	16.9
Footwear (except rubber).....	249.1	245.2	245.6	224.2	220.7	220.8
Luggage.....	14.5	15.3	14.2	12.1	12.8	11.8
Handbags and small leather goods.....	30.6	31.9	28.2	26.8	28.1	24.3
Gloves and miscellaneous leather goods.....	12.6	13.5	11.9	10.9	11.8	10.2
TRANSPORTATION AND PUBLIC UTILITIES.....	3,837	3,881	3,985	-	-	-
TRANSPORTATION.....	2,499	2,538	2,587	-	-	-
Interstate railroads.....	928.6	952.0	1,013.5	-	-	-
Class I railroads.....	810.7	824.0	884.1	-	-	-
Local railways and bus lines.....	93.7	94.0	100.9	-	-	-
Trucking and warehousing.....	802.7	830.0	790.0	-	-	-
Other transportation and services.....	673.7	662.4	682.9	-	-	-
Bus lines, except local.....	40.2	39.9	42.0	-	-	-
Air transportation (common carrier).....	140.6	124.6	145.0	-	-	-
Pipe-line transportation (except natural gas).....	25.1	25.1	25.8	-	-	-
COMMUNICATION.....	744	747	800	-	-	-
Telephone.....	705.5	709.1	759.7	-	-	-
Telegraph.....	37.3	37.3	39.9	-	-	-
OTHER PUBLIC UTILITIES.....	594	596	598	528	530	535
Gas and electric utilities.....	571.6	573.8	575.2	508.2	510.0	515.0
Electric light and power utilities.....	254.2	254.9	258.3	219.2	219.7	224.0
Gas utilities.....	151.2	151.5	149.2	136.5	136.6	136.2
Electric light and gas utilities combined.....	166.2	167.4	167.7	152.5	153.7	154.8
Local utilities, not elsewhere classified.....	22.5	22.5	22.4	20.0	19.9	20.0
WHOLESALE AND RETAIL TRADE.....	11,035	11,976	11,140	-	-	-
WHOLESALE TRADE.....	3,027	3,065	3,051	2,623	2,666	2,662
Wholesalers, full-service and limited-function.....	1,773.0	1,801.0	1,762.2	1,548.8	1,582.4	1,551.4
Automotive.....	129.0	129.1	125.2	111.8	112.3	109.3
Groceries, food specialties, beer, wines, and liquors.....	308.3	312.6	304.2	276.3	281.0	273.5
Electrical goods, machinery, hardware, and plumbing equipment.....	439.4	440.5	449.3	381.4	383.2	392.7
Other full-service and limited-function wholesalers.....	896.3	918.8	883.5	779.3	805.9	775.9
Wholesale distributors, other.....	1,253.7	1,264.4	1,288.6	1,073.9	1,083.4	1,111.0

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

**Table A-8: Employees in nonagricultural establishments,
by industry-Continued**

(In thousands)

Industry	All employees			Nonsupervisory workers 1/		
	January 1959	December 1958	January 1958	January 1959	December 1958	January 1958
WHOLESALE AND RETAIL TRADE—Continued						
RETAIL TRADE.....	8,008	8,911	8,089	—	—	—
General merchandise stores.....	1,376.4	1,942.6	1,386.4	1,279.6	1,840.7	1,288.7
Department stores and general mail-order houses.....	919.2	1,260.1	905.7	849.4	1,188.3	837.8
Other general merchandise stores.....	457.2	682.5	480.7	430.2	652.4	450.9
Food and liquor stores.....	1,579.8	1,629.6	1,599.1	1,454.4	1,507.1	1,488.6
Grocery, meat, and vegetable markets.....	1,152.0	1,179.7	1,149.9	1,078.3	1,108.9	1,080.9
Dairy-product stores and dealers.....	217.6	220.0	226.3	184.9	187.7	197.7
Other food and liquor stores.....	210.2	229.9	222.9	191.2	210.5	210.0
Automotive and accessories dealers.....	764.3	781.2	792.6	677.8	693.5	704.8
Apparel and accessories stores.....	583.8	717.2	583.3	532.3	665.5	534.4
Other retail trade.....	3,703.6	3,840.1	3,727.5	—	—	—
Other retail trade (except eating and drinking places).....	—	—	—	2,040.9	2,155.7	2,061.3
Furniture and appliance stores.....	392.0	410.7	390.3	355.2	373.8	354.7
Drug stores.....	355.2	393.7	357.5	335.7	374.0	339.7
FINANCE, INSURANCE, AND REAL ESTATE.....						
Banks and trust companies.....	2,366	2,373	2,344	—	—	—
618.4	618.6	610.5	—	—	—	—
Security dealers and exchanges.....	87.3	86.8	83.7	—	—	—
Insurance carriers and agents.....	891.0	892.3	887.6	—	—	—
Other finance agencies and real estate..	769.3	775.3	762.0	—	—	—
SERVICE AND MISCELLANEOUS.....						
Hotels and lodging places.....	6,303	6,384	6,241	—	—	—
459.7	467.6	473.2	—	—	—	—
Personal services:						
Laundries.....	306.6	307.3	316.2	—	—	—
Cleaning and dyeing plants.....	166.2	166.9	165.9	—	—	—
Motion pictures.....	176.8	179.2	186.8	—	—	—
GOVERNMENT.....						
FEDERAL 2/.....	8,028	8,373	7,749	—	—	—
Executive.....	2,157	2,487	2,137	—	—	—
2,129.6	2,460.4	2,110.5	—	—	—	—
Department of Defense.....	954.2	958.5	952.3	—	—	—
Post Office Department.....	540.0	861.0	532.9	—	—	—
Other agencies.....	635.4	640.9	625.3	—	—	—
Legislative.....	22.3	22.0	22.1	—	—	—
Judicial.....	4.8	4.8	4.6	—	—	—
STATE AND LOCAL.....	5,871	5,886	5,612	—	—	—
State.....	1,512.7	1,517.4	1,435.2	—	—	—
Local.....	4,358.1	4,368.1	4,176.9	—	—	—
Education.....	2,735.9	2,742.5	2,584.0	—	—	—
Other.....	3,134.9	3,143.0	3,028.1	—	—	—

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

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

NOTE: Data for the current month are preliminary.

Shipyard Employment

Military Personnel

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Table A-9: Employees in private and Government shipyards, by region

Region 1/	(In thousands)		
	January 1959	December 1958	January 1958
ALL REGIONS.....	218.9	217.6	218.9
PRIVATE YARDS.....	124.2	122.4	125.4
NAVY YARDS.....	94.7	95.2	93.5
NORTH ATLANTIC.....	100.5	99.4	94.4
Private yards.....	58.5	57.1	52.4
Navy yards 2/.....	42.0	42.3	42.0
SOUTH ATLANTIC.....	35.2	35.1	35.9
Private yards.....	16.3	16.3	17.3
Navy yards.....	18.9	18.8	18.6
GULF:			
Private yards.....	23.2	24.4	30.4
PACIFIC.....	50.9	50.8	47.4
Private yards.....	17.1	16.7	14.5
Navy yards.....	33.8	34.1	32.9
GREAT LAKES:			
Private yards.....	5.3	4.4	6.0
INLAND:			
Private yards.....	3.8	3.5	4.8

1/ The North Atlantic region includes all yards bordering on the Atlantic in the following States: Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

The South Atlantic region includes all yards bordering on the Atlantic in the following States: Florida, Georgia, North Carolina, South Carolina, and Virginia.

The Gulf region includes all yards bordering on the Gulf of Mexico in the following States: Alabama, Florida, Louisiana, Mississippi, and Texas.

The Pacific region includes all yards in California, Oregon, and Washington.

The Great Lakes region includes all yards bordering on the Great Lakes in the following States: Illinois, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin.

The Inland region includes all other yards.

2/ Data include Curtis Bay Coast Guard Yard.

NOTE: Data for the current month are preliminary.

Table A-10: Federal military personnel

Branch	(In thousands)		
	January 1959	December 1958	January 1958
TOTAL 1/.....	2,591	2,597	2,643
Army.....	889.0	890.8	909.6
Air Force.....	851.7	852.7	877.0
Navy.....	634.3	634.7	633.6
Marine Corps.....	185.5	187.7	193.0
Coast Guard.....	30.5	30.7	29.9

1/ Data 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 A-11: Employees in nonagricultural establishments,
by industry division and State**

(In thousands)

State	TOTAL			Mining			Contract construction		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
Alabama.....	722.1	730.4	721.7	12.7	12.7	14.5	37.8	38.7	39.1
Arizona.....	292.7	297.3	276.7	16.0	16.2	16.3	28.6	29.7	23.9
Arkansas.....	335.2	345.9	328.9	6.2	6.3	6.5	14.9	16.3	15.8
California.....	4,455.3	4,606.4	4,360.7	32.3	32.8	34.6	262.2	280.0	259.0
Colorado.....	455.8	465.6	447.4	14.5	14.7	16.6	31.7	34.2	30.7
Connecticut.....	865.4	891.5	873.6	(1)	(1)	(1)	39.0	43.9	42.2
Delaware.....	147.6	149.6	147.4	(2)	(2)	(2)	10.3	10.7	9.9
District of Columbia.....	502.0	518.4	492.9	(2)	(2)	(2)	20.1	20.6	16.2
Florida.....	1,262.1	1,254.0	1,196.3	7.8	7.8	8.0	129.5	129.6	120.6
Georgia.....	967.7	989.1	958.0	5.3	5.4	5.4	52.9	53.5	47.1
Idaho.....	143.6	149.8	138.7	3.7	3.6	4.1	9.2	10.5	8.3
Illinois #.....	(3)	3,353.8	3,362.1	(3)	28.3	29.6	(3)	171.4	181.3
Indiana.....	1,329.9	1,356.7	1,346.9	9.2	9.3	9.4	51.4	52.2	60.7
Iowa.....	633.0	645.7	623.5	3.0	3.1	3.2	27.7	29.7	27.1
Kansas.....	534.4	547.5	534.2	18.0	18.5	18.3	31.5	33.8	29.5
Kentucky.....	615.2	635.8	628.3	35.2	35.9	39.6	29.0	30.2	29.6
Louisiana.....	758.4	783.0	770.2	43.5	42.9	47.7	61.3	63.6	59.9
Maine.....	257.2	264.7	257.0	.3	.4	.3	10.0	11.2	9.9
Maryland.....	844.7	876.5	837.5	2.6	2.6	2.5	49.7	56.5	52.4
Massachusetts.....	1,774.6	1,844.0	1,786.0	(2)	(2)	(2)	62.7	71.6	66.3
Michigan.....	2,211.8	2,259.2	2,305.2	14.3	14.2	15.0	81.4	85.5	85.9
Minnesota.....	879.8	906.6	870.7	16.5	17.0	17.8	41.6	46.8	40.5
Mississippi.....	378.5	387.7	362.6	5.7	5.8	5.6	19.7	21.4	18.0
Missouri.....	1,267.4	1,310.0	1,272.3	8.3	8.4	8.5	57.7	61.2	53.4
Montana.....	152.8	157.8	151.9	9.2	9.2	9.0	8.7	9.1	7.2
Nebraska.....	351.5	361.0	343.4	2.1	2.6	2.0	19.2	20.6	15.4
Nevada.....	86.9	89.0	81.4	3.1	3.1	3.5	6.0	6.5	5.1
New Hampshire.....	178.3	178.8	177.6	.2	.2	.2	7.2	8.4	7.7
New Jersey.....	1,849.6	1,897.2	1,892.4	3.3	3.5	3.6	77.9	83.4	84.6
New Mexico.....	221.6	226.2	209.7	18.0	18.3	20.3	21.9	22.0	18.2
New York.....	5,853.8	6,032.6	5,931.1	9.0	9.8	9.2	220.7	235.1	217.9
North Carolina.....	1,084.1	1,099.5	1,068.7	2.8	2.8	3.4	51.2	52.9	50.6
North Dakota.....	112.1	118.0	110.4	2.4	2.4	2.4	6.3	7.9	5.9
Ohio.....	2,958.3	3,023.7	3,049.2	20.4	20.4	20.8	127.4	133.2	141.5
Oklahoma.....	544.9	558.6	550.2	48.9	49.5	49.9	30.7	31.5	28.2
Oregon.....	457.4	474.3	444.0	1.3	1.4	1.1	21.4	24.0	18.7
Pennsylvania.....	3,520.6	3,636.9	3,630.9	71.3	72.0	79.9	137.0	145.1	143.5
Rhode Island.....	274.8	282.8	271.6	(2)	(2)	(2)	16.0	17.9	14.5
South Carolina.....	525.5	534.1	526.8	1.6	1.6	1.6	28.2	27.6	26.6
South Dakota.....	123.9	126.9	123.4	2.5	2.5	2.5	5.2	5.9	6.1
Tennessee.....	848.4	873.8	836.4	7.6	7.9	7.9	37.2	41.4	34.0
Texas.....	2,405.3	2,467.1	2,390.8	123.2	124.8	133.0	164.3	167.5	155.0
Utah #.....	(3)	247.2	228.7	(3)	15.7	14.7	(3)	15.0	12.4
Vermont.....	99.9	102.0	99.1	1.2	1.3	1.5	4.8	5.9	4.4
Virginia.....	955.0	980.7	942.5	18.0	18.0	18.3	59.5	61.6	57.0
Washington.....	771.6	796.0	746.7	1.8	1.9	1.8	40.1	42.9	35.3
West Virginia.....	453.3	469.4	478.0	68.9	69.3	77.3	20.6	21.7	24.8
Wisconsin.....	1,086.2	1,111.1	1,095.0	3.0	3.2	3.2	45.9	48.2	47.2
Wyoming.....	84.1	87.4	81.3	8.6	8.8	8.2	6.0	6.6	5.7

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-11: Employees in nonagricultural establishments,
by industry division and State-Continued**

State	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
Alabama.....	233.6	232.7	236.6	47.9	47.9	48.6	138.7	116.1	140.0
Arizona.....	42.8	42.6	40.1	22.8	22.9	22.6	70.6	73.6	67.8
Arkansas.....	90.7	91.9	86.3	28.1	28.3	28.8	75.1	80.9	73.9
California.....	1,221.2	1,234.7	1,178.6	343.2	350.2	359.7	961.8	1,057.4	959.8
Colorado.....	78.0	77.6	74.3	43.0	43.7	43.5	111.4	116.9	109.0
Connecticut.....	392.8	393.7	405.2	45.8	46.1	46.0	152.9	163.7	151.0
Delaware.....	59.5	59.5	60.6	10.7	10.7	11.2	27.7	29.2	27.1
District of Columbia.....	20.1	20.1	19.4	28.7	28.6	29.5	82.4	89.2	82.8
Florida.....	195.5	193.0	183.5	96.5	90.2	98.2	359.2	369.5	340.4
Georgia.....	321.0	322.7	320.3	70.5	70.2	71.6	208.6	224.9	210.2
Idaho.....	26.5	27.7	24.0	14.8	15.1	15.5	35.8	38.7	34.7
Illinois *.....	(3)	1,125.8	1,173.9	(3)	285.8	292.3	(3)	757.4	723.2
Indiana.....	562.7	561.8	574.3	92.8	93.1	96.3	262.7	282.0	265.5
Iowa.....	167.9	167.1	161.2	53.5	53.9	54.6	160.8	168.9	160.4
Kansas.....	116.4	116.0	125.4	53.8	54.6	55.5	123.3	131.7	118.9
Kentucky.....	162.0	164.4	168.2	54.4	54.6	57.5	131.6	144.3	132.9
Louisiana.....	141.3	148.2	144.1	80.8	81.6	86.4	176.3	187.8	178.3
Maine.....	99.1	99.3	100.2	18.3	18.4	18.7	51.2	55.8	50.8
Maryland.....	255.4	256.0	258.2	71.9	72.7	73.6	178.6	193.2	174.7
Massachusetts.....	669.9	672.0	674.4	106.0	107.5	111.5	362.3	390.8	371.1
Michigan.....	958.5	950.0	1,004.9	135.4	136.5	140.5	414.1	448.4	435.3
Minnesota.....	217.0	219.1	215.0	81.0	82.8	82.6	220.7	234.6	219.7
Mississippi.....	116.1	116.9	107.2	25.1	25.6	25.5	78.2	84.5	76.4
Missouri.....	374.9	377.3	379.4	119.4	121.4	125.2	300.1	323.2	302.8
Montana.....	18.6	19.7	19.1	18.6	18.9	19.6	36.1	38.9	36.9
Nebraska.....	60.5	61.4	59.3	36.7	37.2	37.4	87.7	92.2	86.0
Nevada.....	5.2	5.2	5.0	8.7	8.8	8.4	17.7	18.6	16.5
New Hampshire.....	82.6	79.8	81.3	10.1	10.1	10.5	30.6	31.7	30.5
New Jersey.....	758.7	762.4	793.0	148.1	149.2	150.5	341.4	371.1	347.8
New Mexico.....	15.5	15.6	14.1	20.1	20.2	20.2	46.0	49.1	43.7
New York.....	1,825.8	1,835.7	1,887.8	485.6	492.4	496.5	1,207.0	1,303.8	1,227.2
North Carolina.....	468.8	470.8	464.8	62.9	62.3	62.3	205.6	217.2	201.0
North Dakota.....	6.3	6.4	6.3	12.1	12.4	12.5	35.7	38.5	35.2
Ohio.....	1,224.0	1,221.1	1,265.4	199.5	205.4	215.8	569.7	618.7	591.8
Oklahoma.....	82.5	83.6	87.7	46.6	46.7	49.0	124.8	134.8	126.3
Oregon.....	127.0	132.7	121.1	43.5	44.1	45.1	102.7	108.7	100.1
Pennsylvania.....	1,375.6	1,388.3	1,445.9	280.1	283.0	296.1	661.3	721.3	685.2
Rhode Island.....	114.0	115.3	112.2	13.9	14.0	14.7	50.3	53.2	51.2
South Carolina.....	225.0	225.2	227.8	25.6	25.7	26.6	93.0	101.2	93.6
South Dakota.....	12.1	12.3	11.9	9.6	9.7	9.7	34.3	36.4	33.9
Tennessee.....	289.1	289.9	286.3	55.7	56.4	58.4	185.8	203.8	184.4
Texas.....	475.5	478.3	486.9	223.2	224.7	228.2	609.0	648.6	602.7
Utah *.....	(3)	37.7	34.6	(3)	21.7	21.2	(3)	60.1	54.0
Vermont.....	33.2	33.4	33.1	7.5	7.5	7.8	19.3	20.4	19.4
Virginia.....	257.4	260.4	260.7	84.7	84.4	88.3	204.3	219.7	198.1
Washington.....	222.2	224.1	203.7	58.8	59.9	61.6	166.2	180.2	166.6
West Virginia.....	119.9	121.3	124.8	45.3	46.0	49.7	81.4	90.8	84.7
Wisconsin.....	436.3	434.4	442.5	71.1	73.4	73.9	219.8	238.1	224.1
Wyoming.....	6.6	7.1	6.6	11.9	12.1	12.2	19.6	20.7	17.8

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-11: Employees in nonagricultural establishments,
by industry division and State-Continued**

(In thousands)

State	Finance, insurance, and real estate			Service and miscellaneous			Government		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
Alabama.....	28.8	28.6	26.9	70.2	69.9	68.6	152.4	153.8	147.4
Arizona.....	12.3	12.3	11.4	38.1	37.8	36.7	61.5	62.2	57.9
Arkansas.....	11.4	11.4	10.8	38.0	38.2	37.8	70.8	72.6	69.0
California.....	218.7	219.9	214.7	592.2	597.6	576.0	823.7	833.8	778.3
Colorado.....	22.0	22.3	21.6	51.9	55.3	54.8	100.3	100.9	96.9
Connecticut.....	50.9	51.1	48.9	94.4	95.3	93.5	89.6	97.6	86.8
Delaware.....	5.5	5.6	5.4	15.6	15.2	15.4	18.3	18.7	17.8
District of Columbia ^{4/}	24.5	24.6	24.7	73.9	74.4	71.6	252.3	260.9	248.7
Florida.....	69.1	68.3	64.4	201.0	188.5	189.1	203.5	207.1	192.1
Georgia.....	39.6	39.9	39.5	91.7	92.1	91.7	178.1	180.4	172.2
Idaho.....	5.1	5.1	5.0	17.9	17.8	17.1	30.6	31.3	30.0
Illinois *.....	(3)	175.7	178.3	(3)	416.5	415.8	(3)	392.7	367.8
Indiana.....	50.4	50.9	49.7	123.2	123.6	119.7	177.6	183.8	171.3
Iowa.....	28.5	28.7	28.5	79.9	80.4	78.1	111.7	114.0	110.4
Kansas.....	21.5	21.5	20.8	61.1	61.8	58.6	108.8	109.6	107.2
Kentucky.....	21.3	21.5	21.5	72.1	72.2	72.0	109.6	112.6	107.1
Louisiana.....	30.2	30.2	29.6	85.5	86.2	86.3	139.5	142.5	137.9
Maine.....	8.3	8.4	8.3	25.1	25.3	24.9	44.9	45.9	43.9
Maryland ^{4/}	40.2	40.8	39.7	101.9	105.0	98.7	144.4	149.7	137.7
Massachusetts.....	92.8	92.9	92.8	245.1	247.0	240.7	235.8	262.2	229.2
Michigan.....	73.7	74.2	74.4	214.0	219.9	230.6	320.5	330.5	318.6
Minnesota.....	43.8	43.9	43.9	115.4	117.2	113.7	143.8	145.3	137.5
Mississippi.....	10.8	10.8	10.4	37.4	37.2	36.3	85.6	85.5	83.1
Missouri.....	62.3	62.5	63.3	155.7	155.9	155.9	189.0	200.1	183.8
Montana.....	5.7	5.8	5.7	19.8	19.9	20.2	36.1	36.3	34.2
Nebraska.....	20.2	20.3	20.4	49.0	49.4	48.9	76.1	77.4	73.9
Nevada.....	2.6	2.6	2.5	25.9	26.3	23.7	17.7	17.9	16.7
New Hampshire.....	6.6	6.6	6.5	19.5	19.7	19.4	21.5	22.3	21.5
New Jersey.....	86.1	87.0	86.9	207.5	210.3	204.5	226.6	230.3	221.5
New Mexico.....	8.0	8.2	7.4	31.8	32.2	29.7	60.3	60.6	56.1
New York.....	457.5	460.1	459.5	853.1	860.2	850.5	795.1	835.4	782.6
North Carolina.....	34.7	34.5	33.9	99.9	99.8	98.0	158.2	159.2	154.7
North Dakota.....	4.4	4.3	4.4	17.2	17.4	16.4	27.7	28.8	27.4
Ohio.....	104.5	105.2	105.4	340.1	341.0	339.6	372.8	378.6	368.9
Oklahoma.....	22.5	22.4	22.7	60.7	61.9	60.5	128.2	128.2	125.9
Oregon.....	18.9	18.8	18.7	53.7	54.0	53.1	88.9	90.6	86.1
Pennsylvania.....	141.6	141.9	140.5	421.2	427.7	422.4	429.5	457.6	417.4
Rhode Island.....	12.2	12.2	12.4	30.5	30.5	30.0	37.9	39.7	36.6
South Carolina.....	15.6	15.7	15.6	42.5	42.2	42.5	94.0	94.9	92.5
South Dakota.....	5.2	5.2	5.1	18.0	17.9	18.0	37.2	37.1	36.3
Tennessee.....	33.1	33.1	32.8	94.5	94.2	93.0	145.4	147.1	139.6
Texas.....	112.9	113.5	110.5	279.2	283.2	275.3	418.0	426.5	399.2
Utah *.....	(3)	10.0	9.7	(3)	27.7	25.8	(3)	59.3	56.3
Vermont.....	3.8	3.8	3.8	11.8	11.4	11.5	15.4	15.5	14.8
Virginia ^{4/}	40.5	40.5	39.0	99.8	99.9	97.1	190.8	196.2	184.0
Washington.....	34.1	34.0	33.3	86.5	88.1	85.4	161.9	164.9	159.0
West Virginia.....	11.9	12.1	12.2	42.9	43.2	43.1	62.6	65.0	61.3
Wisconsin.....	40.9	41.1	40.6	119.8	120.2	118.0	149.3	152.5	145.4
Wyoming.....	2.4	2.4	2.3	9.2	9.5	8.4	19.8	20.2	20.1

* 1945 SIC - 1942 SSB Industrial Classification. (See Announcement on page iii.) ^{1/} Combined with construction.

^{2/} Combined with service. ^{3/} Not available. ^{4/} Federal employment in the Md. and Va. sectors of the D. C.

metropolitan area is included in data for D. C.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division**

(In thousands)							
Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958	Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958
ALABAMA				Los Angeles-Long Beach			
Birmingham				Total.....	2,167.6	2,241.4	2,141.9
Total.....	202.0	204.1	199.6	Mining.....	13.2	13.4	14.0
Mining.....	8.6	8.6	10.1	Contract construction.....	122.7	124.8	119.4
Contract construction.....	11.4	11.5	9.5	Manufacturing.....	743.4	750.2	731.6
Manufacturing.....	65.7	65.7	65.5	Trans. and pub. util.....	139.2	140.9	148.3
Trans. and pub. util.....	15.6	15.4	15.9	Trade.....	460.4	516.9	468.8
Trade.....	46.4	48.5	46.3	Finance.....	109.0	108.9	106.7
Finance.....	11.4	11.3	11.1	Service.....	305.6	306.7	296.0
Service.....	21.9	22.0	22.0	Government.....	274.1	279.6	257.1
Government.....	21.2	21.3	19.3				
Mobile				Sacramento			
Total.....	89.5	89.9	89.8	Total.....	145.8	150.0	136.3
Contract construction.....	5.3	5.2	4.1	Mining.....	.2	.3	.2
Manufacturing.....	16.8	16.5	21.7	Contract construction.....	8.9	9.8	7.2
Trans. and pub. util.....	10.3	10.2	10.1	Manufacturing.....	22.2	22.3	17.9
Trade.....	18.4	19.2	18.4	Trans. and pub. util.....	10.8	10.6	11.5
Finance.....	4.3	4.2	3.5	Trade.....	27.7	30.5	26.9
Service 1/.....	9.6	9.6	9.5	Finance.....	5.8	5.8	5.7
Government.....	24.8	25.0	22.5	Service.....	12.9	12.9	12.2
				Government.....	57.3	57.8	54.7
ARIZONA							
Phoenix				San Bernardino- Riverside-Ontario			
Total.....	151.7	153.3	141.9	Manufacturing.....	33.7	34.2	31.5
Mining.....	.5	.5	.4				
Contract construction.....	15.3	15.8	12.8	San Diego			
Manufacturing.....	27.2	26.7	24.5	Total.....	240.9	245.8	228.0
Trans. and pub. util.....	11.7	11.8	11.7	Mining.....	.5	.5	.4
Trade.....	40.2	41.9	39.0	Contract construction.....	18.6	19.0	16.6
Finance.....	8.6	8.6	8.0	Manufacturing.....	70.7	71.4	65.7
Service.....	20.5	20.1	19.6	Trans. and pub. util.....	12.7	12.8	12.6
Government.....	27.7	27.9	25.9	Trade.....	47.2	50.8	45.7
Tucson				Finance.....	9.7	9.6	9.2
Total.....	61.5	62.7	58.6	Service.....	30.2	29.9	28.3
Mining.....	2.3	2.3	2.3	Government.....	51.3	51.8	49.5
Contract construction.....	5.7	6.0	5.1				
Manufacturing.....	9.2	9.2	8.9	San Francisco-Oakland			
Trans. and pub. util.....	5.4	5.4	5.2	Total.....	937.0	963.1	918.7
Trade.....	14.1	14.7	13.7	Mining.....	1.8	1.8	1.8
Finance.....	2.2	2.2	2.1	Contract construction.....	55.2	58.4	52.4
Service.....	9.6	9.5	8.9	Manufacturing.....	190.0	191.1	188.5
Government.....	13.0	13.4	12.4	Trans. and pub. util.....	104.7	106.2	105.7
ARKANSAS				Trade.....	207.6	223.0	203.2
Little Rock-				Finance.....	63.2	63.4	61.9
I. Little Rock				Service.....	124.6	125.2	121.0
Total.....	73.6	75.8	71.2	Government.....	189.9	194.0	184.2
Contract construction.....	4.6	5.1	3.8				
Manufacturing.....	13.9	14.2	12.8	San Jose			
Trans. and pub. util.....	7.8	7.8	8.0	Total.....	149.9	154.4	134.9
Trade.....	17.7	19.2	17.5	Mining.....	.1	.1	.1
Finance.....	4.8	4.8	4.6	Contract construction.....	13.1	14.1	10.8
Service 1/.....	10.3	10.5	10.3	Manufacturing.....	50.4	50.5	42.3
Government.....	14.6	14.5	14.3	Trans. and pub. util.....	8.2	8.3	8.0
CALIFORNIA				Trade.....	28.9	31.7	27.4
Fresno				Finance.....	5.8	5.9	5.4
Manufacturing.....	12.2	13.7	11.0	Service.....	21.1	21.0	20.1
				Government.....	22.3	22.8	20.8

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division-Continued**

(In thousands)							
Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958	Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958
CALIFORNIA--Continued				<u>Stamford</u>			
Stockton				Total.....	51.8	53.5	51.5
Manufacturing.....	9.9	10.7	9.4	Contract construction 1/.....	2.9	3.3	3.2
				Manufacturing.....	21.4	21.4	21.3
				Trans. and pub. util.....	2.6	2.6	2.6
				Trade.....	10.1	11.1	9.9
				Finance.....	2.2	2.2	2.0
				Service.....	8.3	8.4	8.2
				Government.....	4.4	4.4	4.3
COLORADO				<u>Waterbury</u>			
Denver 2/				Total.....	65.0	65.9	65.6
Total.....	278.1	286.3	277.6	Contract construction 1/.....	1.7	2.0	1.9
Mining.....	3.8	3.8	4.1	Manufacturing.....	37.9	37.3	38.6
Contract construction...	19.3	21.3	19.2	Trans. and pub. util.....	2.8	2.8	2.8
Manufacturing.....	54.4	54.1	51.1	Trade.....	9.6	10.4	9.6
Trans. and pub. util....	27.8	28.4	28.9	Finance.....	1.5	1.5	1.5
Trade.....	70.0	74.7	71.2	Service.....	5.8	5.9	5.7
Finance.....	16.9	17.0	16.6	Government.....	5.6	6.0	5.6
Service.....	36.1	36.5	36.0				
Government.....	49.8	50.5	50.5				
CONNECTICUT							
<u>Bridgeport</u>							
Total.....	113.5	116.9	116.6				
Contract construction 1/	4.8	5.3	5.2				
Manufacturing.....	61.2	61.2	64.8				
Trans. and pub. util....	5.7	5.7	5.7				
Trade.....	19.4	21.0	18.8				
Finance.....	3.2	3.2	3.2				
Service.....	10.2	10.3	10.1				
Government.....	9.0	10.1	8.8				
<u>Hartford</u>							
Total.....	208.3	215.0	207.5				
Contract construction 1/	8.9	9.9	9.1				
Manufacturing.....	74.8	74.7	75.3				
Trans. and pub. util....	9.1	9.2	9.1				
Trade.....	42.5	46.6	42.0				
Finance.....	30.5	30.6	29.7				
Service.....	21.4	21.7	21.5				
Government.....	21.1	22.5	20.8				
New Britain							
Total.....	38.4	39.3	39.8				
Contract construction 1/	1.2	1.4	1.1				
Manufacturing.....	23.5	23.5	25.2				
Trans. and pub. util....	1.8	1.8	1.9				
Trade.....	5.4	6.0	5.3				
Finance.....	.8	.8	.8				
Service.....	2.9	2.9	2.9				
Government.....	2.7	2.8	2.8				
New Haven							
Total.....	119.7	123.2	121.6				
Contract construction 1/	6.4	7.1	6.7				
Manufacturing.....	43.3	43.4	44.7				
Trans. and pub. util....	12.7	12.7	13.0				
Trade.....	22.6	23.8	22.7				
Finance.....	6.6	6.6	6.5				
Service.....	17.1	17.3	17.2				
Government.....	10.9	12.4	10.7				
<u>Jacksonville</u>							
Total.....	132.1	135.4	130.1				
Contract construction....	10.8	11.0	9.4				
Manufacturing.....	20.1	20.3	20.1				
Trans. and pub. util....	13.9	14.6	14.8				
Trade.....	37.5	39.6	37.4				
Finance.....	12.1	12.1	11.5				
Service 1/.....	16.5	16.4	16.2				
Government.....	21.3	21.4	20.8				
<u>Miami</u>							
Total.....	302.0	291.8	302.0				
Contract construction....	28.3	28.7	27.0				
Manufacturing.....	39.5	38.8	39.5				
Trans. and pub. util....	33.3	27.9	35.9				

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division-Continued**

(In thousands)							
Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958	Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958
FLORIDA—Continued				Peoria*			
Miami—Continued				Total.....	(3)	94.2	90.5
Trade.....	87.1	86.3	87.5	Contract construction.....	(3)	4.0	4.0
Finance.....	18.7	18.7	16.9	Manufacturing.....	(3)	38.5	37.6
Service 1/.....	61.9	57.3	64.5	Trans. and pub. util.....	(3)	6.4	6.4
Government.....	33.4	34.1	30.8	Trade.....	(3)	22.9	20.9
Tampa-St. Petersburg				Finance.....	(3)	3.6	3.7
Total.....	184.9	185.1	178.6	Service.....	(3)	9.9	9.6
Contract construction.....	21.6	21.8	21.2	Government.....	(3)	8.8	8.3
Manufacturing.....	34.6	34.2	32.4	Rockford*			
Trans. and pub. util.....	14.0	13.7	13.4	Total.....	(3)	71.2	73.0
Trade.....	56.0	57.3	54.7	Contract construction 1/.....	(3)	3.1	3.6
Finance.....	9.2	9.2	9.1	Manufacturing.....	(3)	38.0	40.3
Service 1/.....	26.0	24.7	26.0	Trans. and pub. util.....	(3)	2.6	2.7
Government.....	23.7	24.4	22.0	Trade.....	(3)	13.6	12.8
GEORGIA				Finance.....	(3)	2.5	2.6
Atlanta 2/				Service.....	(3)	7.0	7.0
Total.....	344.5	350.4	341.4	Government.....	(3)	4.4	4.2
Contract construction.....	21.6	21.8	16.7	INDIANA			
Manufacturing.....	83.8	83.4	85.8	Evansville			
Trans. and pub. util.....	34.1	33.5	34.6	Total.....	63.1	64.7	65.8
Trade.....	88.6	94.4	90.2	Mining.....	1.6	1.7	1.7
Finance.....	23.7	23.9	24.0	Contract construction.....	2.4	2.6	2.5
Service 1/.....	44.9	44.9	44.2	Manufacturing.....	26.3	26.7	27.5
Government.....	47.8	48.6	46.0	Trans. and pub. util.....	4.4	4.4	4.8
Savannah				Trade.....	13.3	14.2	14.3
Total.....	52.8	53.4	52.8	Finance.....	2.2	2.1	2.2
Contract construction.....	4.8	4.5	4.8	Service.....	7.2	7.3	7.3
Manufacturing.....	14.0	14.5	14.2	Government.....	5.7	5.7	5.5
Trans. and pub. util.....	6.6	6.4	6.4	Fort Wayne			
Trade.....	11.8	12.5	12.0	Total.....	74.1	75.7	79.2
Finance.....	2.2	2.2	2.1	Contract construction.....	3.0	3.1	3.5
Service 1/.....	6.2	6.1	6.1	Manufacturing.....	29.3	29.7	33.7
Government.....	7.4	7.4	7.4	Trans. and pub. util.....	6.3	6.3	6.6
IDAHO				Trade.....	17.4	18.4	17.8
Boise				Finance.....	4.1	4.1	4.2
Total.....	23.1	23.8	21.6	Service 1/.....	7.7	7.7	7.6
Contract construction.....	1.6	1.7	1.4	Government.....	6.3	6.4	5.8
Manufacturing.....	2.2	2.3	2.0	Indianapolis*			
Trans. and pub. util.....	2.6	2.6	2.6	Total.....	(3)	283.5	285.3
Trade.....	6.7	7.1	6.0	Contract construction.....	(3)	14.1	12.1
Finance.....	1.4	1.4	1.3	Manufacturing.....	(3)	93.0	100.5
Service 1/.....	3.4	3.5	3.2	Trans. and pub. util.....	(3)	20.3	21.1
Government.....	5.2	5.2	5.1	Trade.....	(3)	70.8	67.4
ILLINOIS				Finance.....	(3)	17.8	17.9
Chicago*				Service 1/.....	(3)	67.5	66.3
Total.....	(3)	2,505.3	2,522.8	South Bend			
Mining.....	(3)	3.8	3.8	Total.....	79.2	79.7	79.5
Contract construction.....	(3)	106.9	119.3	Contract construction.....	2.4	2.5	2.9
Manufacturing.....	(3)	903.5	947.4	Manufacturing.....	39.4	38.5	39.0
Trans. and pub. util.....	(3)	207.7	212.3	Trans. and pub. util.....	4.8	4.8	4.8
Trade.....	(3)	564.6	537.8	Trade.....	14.3	15.2	14.6
Finance.....	(3)	142.9	144.4	Finance.....	3.5	3.5	3.7
Service.....	(3)	327.2	326.9	Service 1/.....	9.3	9.3	9.4
Government.....	(3)	248.8	239.9	Government.....	5.5	5.9	5.1

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division-Continued**

		(In thousands)					
Area and industry division		Jan. 1959	Dec. 1958	Jan. 1958	Area and industry division	Jan. 1959	Dec. 1958
IOWA					New Orleans—Continued		
Des Moines					Trans. and pub. util....	42.7	43.0
Total.....	96.4	98.4	96.2		Trade.....	71.7	73.4
Contract construction...	4.6	5.0	4.2		Finance.....	15.0	15.0
Manufacturing.....	22.6	22.6	22.9		Service.....	40.9	40.7
Trans. and pub. util....	8.3	8.3	8.2		Government.....	36.3	38.0
Trade.....	24.2	25.0	24.8				35.3
Finance.....	10.9	10.9	10.6				
Service 1/.....	12.4	13.0	12.9				
Government.....	13.6	13.8	12.7				
KANSAS					Shreveport		
Topeka					Total.....	69.3	71.1
Total.....	46.3	47.3	48.3		Mining.....	5.1	5.3
Mining.....	.2	.2	.2		Contract construction...	6.2	6.4
Contract construction...	3.1	3.3	4.1		Manufacturing.....	8.8	8.8
Manufacturing.....	6.4	6.4	6.2		Trans. and pub. util....	9.0	8.9
Trans. and pub. util....	6.9	6.9	7.1		Trade.....	19.3	20.3
Trade.....	9.0	9.6	9.0		Finance.....	3.2	3.2
Finance.....	2.6	2.6	2.5		Service.....	8.1	8.3
Service.....	6.1	6.2	6.1		Government.....	9.8	9.8
Government.....	12.2	12.4	13.3				9.5
Wichita							
Total.....	121.8	122.6	128.4		MAINE		
Mining.....	1.5	1.5	1.7		Lewiston-Auburn 2/		
Contract construction...	5.7	6.3	6.0		Total.....	26.4	27.0
Manufacturing.....	48.8	48.2	56.1		Contract construction...	.9	1.0
Trans. and pub. util....	7.2	7.3	7.4		Manufacturing.....	14.1	14.0
Trade.....	26.2	27.1	26.0		Trans. and pub. util....	.9	.9
Finance.....	5.2	5.2	5.3		Trade.....	5.1	5.6
Service.....	13.1	13.1	13.1		Finance.....	.7	.7
Government.....	14.1	14.1	13.1		Service 1/.....	3.3	3.3
KENTUCKY					Government.....	1.4	1.5
Louisville							1.4
Total.....	232.6	237.8	241.2		Portland		
Contract construction...	10.7	11.3	10.4		Total.....	49.9	51.9
Manufacturing.....	82.5	83.5	90.2		Contract construction...	2.7	3.4
Trans. and pub. util....	23.0	22.9	23.5		Manufacturing.....	11.6	11.8
Trade.....	49.3	51.4	50.4		Trans. and pub. util....	5.7	5.8
Finance.....	11.3	11.3	11.2		Trade.....	14.3	15.0
Service 1/.....	30.7	31.0	30.9		Finance.....	3.5	3.5
Government.....	25.1	26.4	24.7		Service 1/.....	8.1	8.1
LOUISIANA					Government.....	4.0	4.3
Baton Rouge							4.0
Total.....	70.8	72.6	70.3		MARYLAND		
Mining.....	.4	.4	.4		Baltimore		
Contract construction...	8.6	8.8	6.7		Total.....	581.0	600.4
Manufacturing.....	19.0	19.0	20.9		Mining.....	1.0	1.0
Trans. and pub. util....	4.5	4.5	4.7		Contract construction...	29.7	33.0
Trade.....	15.2	16.8	15.4		Manufacturing.....	190.6	190.4
Finance.....	3.1	3.0	3.0		Trans. and pub. util....	53.8	54.3
Service.....	6.5	6.5	6.2		Trade.....	118.6	127.6
Government.....	13.5	13.5	13.0		Finance.....	30.6	30.9
New Orleans					Service.....	69.7	71.2
Total.....	277.1	281.1	284.5		Government.....	87.0	92.0
Mining.....	7.0	7.0	8.0				82.3
Contract construction...	18.6	19.1	18.9		MASSACHUSETTS		
Manufacturing.....	44.9	45.0	47.9		Boston		

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division-Continued**

Area and industry division	(In thousands)			Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958
	Jan. 1959	Dec. 1958	Jan. 1958				
MASSACHUSETTS—Continued				Grand Rapids			
Fall River				<u>Manufacturing</u>	49.3	48.8	46.8
Total.....	40.6	41.3	41.2	Lansing			
Manufacturing.....	23.5	23.6	23.8	<u>Manufacturing</u>	28.0	27.9	27.2
Trans. and pub. util....	1.3	1.3	1.5	Muskegon-Muskegon Heights			
Trade.....	7.5	7.8	7.6	<u>Manufacturing</u>	24.3	24.2	24.6
Government.....	3.1	3.4	3.1	Saginaw			
Other nonmanufacturing..	5.2	5.2	5.2	<u>Manufacturing</u>	25.5	25.3	25.0
New Bedford				MINNESOTA			
Total.....	45.9	47.6	48.3	Duluth			
Contract construction...	1.0	1.1	1.1	Total.....	37.3	38.7	39.5
Manufacturing.....	26.0	26.6	27.9	Contract construction...	1.9	2.3	2.2
Trans. and pub. util....	2.2	2.2	2.3	Manufacturing.....	7.8	7.9	8.6
Trade.....	7.4	8.0	7.9	Trans. and pub. util....	5.0	5.2	5.4
Government.....	3.8	4.0	3.7	Trade.....	9.4	10.1	10.3
Other nonmanufacturing..	5.5	5.7	5.4	Finance.....	1.7	1.8	1.7
Springfield-Moloyoke				Service 1/.....	6.6	6.6	6.6
Total.....	149.2	154.6	150.8	Government.....	4.9	4.9	4.6
Contract construction...	4.3	5.0	4.5	Minneapolis-St. Paul 2/			
Manufacturing.....	64.0	64.1	64.7	Total.....	517.1	531.9	507.2
Trans. and pub. util....	7.4	7.8	8.1	Contract construction...	25.7	28.6	22.6
Trade.....	30.3	32.8	30.4	Manufacturing.....	145.5	146.6	144.3
Finance.....	7.7	7.7	7.8	Trans. and pub. util....	50.9	51.5	51.4
Service 1/.....	18.2	18.5	18.3	Trade.....	128.4	137.0	126.4
Government.....	17.3	18.7	17.0	Finance.....	32.3	32.5	32.6
Worcester				Service 1/.....	66.2	67.2	65.9
Total.....	96.5	99.0	99.4	Government.....	68.2	68.5	63.9
Contract construction...	2.5	3.1	3.4	MISSISSIPPI			
Manufacturing.....	44.4	44.2	46.0	Jackson			
Trans. and pub. util....	4.2	4.3	4.5	Total.....	58.6	60.3	57.4
Trade.....	18.3	19.4	19.0	Mining.....	.9	.9	.9
Finance.....	4.8	4.8	4.9	Contract construction...	3.7	4.1	3.9
Service 1/.....	9.9	9.9	9.9	Manufacturing.....	11.5	11.6	10.6
Government.....	12.4	13.3	11.7	Trans. and pub. util....	4.5	4.5	4.5
MICHIGAN				Trade.....	14.0	15.0	13.5
Detroit				Finance.....	3.9	3.9	3.8
Total.....	1,134.7	1,154.5	1,204.8	Service.....	7.9	8.1	7.9
Mining.....	.8	.8	.8	Government.....	12.3	12.3	12.5
Contract construction...	38.7	43.1	45.0	MISSOURI			
Manufacturing.....	510.9	497.0	545.4	Kansas City*			
Trans. and pub. util....	72.1	72.6	73.1	Total.....	(3)	369.7	358.2
Trade.....	218.8	239.5	238.3	Mining.....	(3)	.7	.6
Finance.....	45.8	46.1	46.9	Contract construction...	(3)	20.1	17.7
Service.....	120.9	123.9	129.8	Manufacturing.....	(3)	99.4	98.9
Government.....	126.6	131.6	125.6	Trans. and pub. util....	(3)	40.7	42.3
Flint				Trade.....	(3)	100.2	94.5
Manufacturing.....	67.5	74.4	79.7	Finance.....	(3)	24.6	23.6
				Service.....	(3)	43.2	43.3
				Government.....	(3)	40.8	37.3

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division-Continued**

(In thousands)

Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958	Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958
MISSOURI—Continued				NEW JERSEY			
St. Louis *				Newark-Jersey City 6/			
Total.....	(3)	717.2	703.9	Total.....	796.8	815.6	824.4
Mining.....	(3)	2.3	2.3	Mining.....	.2	.2	.2
Contract construction...	(3)	34.4	33.9	Contract construction...	26.0	28.0	28.5
Manufacturing.....	(3)	261.6	263.2	Manufacturing.....	322.2	322.9	344.8
Trans. and pub. util....	(3)	61.7	63.9	Trans. and pub. util....	83.3	83.9	83.7
Trade.....	(3)	158.2	151.3	Trade.....	148.2	162.1	152.2
Finance.....	(3)	35.8	35.9	Finance.....	51.3	51.6	52.6
Service.....	(3)	85.4	84.9	Service.....	88.1	88.6	87.8
Government.....	(3)	77.8	68.5	Government.....	77.5	78.3	74.6
MONTANA				Paterson 6/			
Great Falls				Total.....	399.4	412.4	404.5
Total.....	18.1	19.1	18.0	Mining.....	1.3	1.4	1.2
Contract construction...	1.5	1.5	1.3	Contract construction...	19.5	21.2	21.7
Manufacturing.....	2.8	2.9	2.7	Manufacturing.....	173.9	176.1	180.2
Trans. and pub. util....	2.0	2.2	2.3	Trans. and pub. util....	23.8	23.7	23.7
Trade.....	5.1	5.8	5.2	Trade.....	79.2	85.5	79.1
Service 5/.....	3.9	3.9	3.8	Finance.....	12.8	12.9	12.7
Government.....	2.8	2.8	2.7	Service.....	44.0	44.8	43.3
				Government.....	44.9	46.8	42.6
NEBRASKA				Perth Amboy 6/			
Omaha				Total.....	161.4	163.6	164.8
Total.....	151.8	153.9	148.6	Mining.....	.5	.5	.6
Contract construction 1/...	9.2	9.4	7.7	Contract construction...	7.7	8.5	7.3
Manufacturing.....	34.5	34.2	32.8	Manufacturing.....	81.8	80.9	84.7
Trans. and pub. util....	20.3	20.6	21.2	Trans. and pub. util....	8.5	8.5	8.8
Trade.....	34.8	36.1	34.7	Trade.....	25.2	27.2	25.5
Finance.....	12.2	12.2	12.4	Finance.....	3.1	3.1	3.1
Service.....	21.1	21.1	20.8	Service.....	12.0	12.0	11.7
Government.....	19.8	20.5	19.1	Government.....	22.6	22.9	23.1
NEVADA				Trenton			
Reno				Total.....	98.7	101.0	101.5
Total.....	27.5	28.3	25.7	Mining.....	.1	.1	.1
Contract construction...	2.5	2.6	2.3	Contract construction...	4.3	4.3	3.8
Manufacturing 1/.....	1.9	2.0	1.8	Manufacturing.....	36.5	36.6	39.4
Trans. and pub. util....	3.1	3.1	3.0	Trans. and pub. util....	6.1	6.1	6.3
Trade.....	6.6	7.0	6.1	Trade.....	16.6	18.7	17.1
Finance.....	1.2	1.1	1.1	Finance.....	3.7	3.7	3.6
Service.....	7.5	7.7	7.2	Service.....	13.6	13.6	13.7
Government.....	4.7	4.8	4.2	Government.....	17.8	17.9	17.5
NEW HAMPSHIRE				NEW MEXICO			
Manchester				Albuquerque			
Total.....	41.0	41.7	40.6	Total.....	72.7	74.3	66.9
Contract construction...	1.6	1.8	1.7	Contract construction...	7.2	7.3	5.1
Manufacturing.....	18.1	18.2	17.7	Manufacturing.....	7.1	7.2	6.2
Trans. and pub. util....	2.7	2.7	2.8	Trans. and pub. util....	6.0	6.0	6.1
Trade.....	8.1	8.2	8.0	Trade.....	16.5	17.4	15.4
Finance.....	2.4	2.4	2.3	Finance.....	4.0	4.1	3.9
Service.....	5.0	5.0	5.0	Service 1/.....	15.9	15.9	15.0
Government.....	3.1	3.4	3.1	Government.....	16.0	16.4	15.2

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division-Continued**

(In thousands)							
Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958	Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958
NEW YORK				New York-Northeastern			
Albany-Schenectady-Troy				New Jersey—Continued			
Total.....	199.9	207.9	208.4	Trade.....	1,112.4	1,196.8	1,126.7
Contract construction...	5.3	6.5	6.9	Finance.....	462.9	465.3	465.4
Manufacturing.....	59.6	60.8	67.8	Service.....	794.2	799.8	786.3
Trans. and pub. util....	15.6	15.8	16.7	Government.....	645.7	677.8	632.9
Trade.....	40.4	43.8	41.0				
Finance.....	8.1	8.1	8.1				
Service 1/.....	26.0	26.0	25.3				
Government.....	44.8	46.8	42.5				
Binghamton				New York City 6/			
Total.....	76.1	77.5	78.9	Total.....	3,423.4	3,512.5	3,445.7
Contract construction...	2.3	2.4	3.0	Mining.....	1.9	2.0	1.9
Manufacturing.....	39.6	39.6	41.6	Contract construction...	108.4	112.1	97.1
Trans. and pub. util....	3.9	3.9	4.0	Manufacturing.....	925.4	925.5	945.9
Trade.....	12.8	13.8	13.1	Trans. and pub. util....	321.8	325.7	328.4
Finance.....	2.2	2.2	2.2	Trade.....	727.0	777.8	738.7
Service 1/.....	6.2	6.2	6.3	Finance.....	368.9	370.9	371.0
Government.....	9.1	9.4	8.6	Service.....	565.3	568.4	563.6
Buffalo				Government.....	404.7	430.2	399.2
Total.....	411.9	426.2	439.3	Rochester			
Contract construction...	18.5	20.0	17.6	Total.....	211.0	220.6	216.9
Manufacturing.....	173.1	174.1	194.5	Contract construction...	8.3	9.4	8.5
Trans. and pub. util....	34.5	35.4	35.1	Manufacturing.....	104.5	105.9	109.8
Trade.....	81.0	88.4	87.2	Trans. and pub. util....	9.6	9.8	9.9
Finance.....	14.5	14.6	14.9	Trade.....	37.6	41.0	38.2
Service 1/.....	46.4	46.5	46.6	Finance.....	7.7	7.7	7.5
Government.....	43.9	47.2	43.4	Service 1/.....	23.0	23.5	23.0
Elmira				Government.....	20.4	23.4	20.2
Total.....	30.9	32.2	30.5	Syracuse			
Manufacturing.....	15.1	15.8	14.0	Total.....	142.4	146.7	148.3
Trade.....	5.9	6.4	6.3	Contract construction...	5.1	5.6	6.0
Other nonmanufacturing..	9.9	10.1	10.1	Manufacturing.....	54.8	54.5	58.4
Nassau and Suffolk				Trans. and pub. util....	10.3	10.5	11.2
Counties 6/				Trade.....	29.3	32.2	30.8
Total.....	369.2	385.5	360.2	Finance.....	7.3	7.3	7.0
Contract construction...	23.4	28.8	26.4	Service 1/.....	19.3	19.5	19.2
Manufacturing.....	111.1	112.6	107.1	Government.....	16.3	17.3	15.8
Trans. and pub. util....	22.8	22.8	22.8	Utica-Rome			
Trade.....	84.4	91.9	83.5	Total.....	97.3	100.6	98.5
Finance.....	14.7	14.7	13.9	Contract construction...	1.7	2.0	3.3
Service 1/.....	50.1	50.5	46.0	Manufacturing.....	40.4	41.2	41.2
Government.....	62.7	64.2	60.5	Trans. and pub. util....	5.8	5.8	5.5
New York-Northeastern				Trade.....	16.2	17.6	16.3
New Jersey				Finance.....	3.5	3.5	3.5
Total.....	5,379.4	5,534.7	5,431.3	Service 1/.....	9.0	9.0	8.7
Mining.....	4.8	5.2	4.9	Government.....	20.8	21.5	20.0
Contract construction...	200.8	217.4	196.1	Westchester County 6/			
Manufacturing.....	1,681.7	1,691.1	1,734.8	Total.....	203.3	212.5	200.9
Trans. and pub. util....	476.9	481.4	484.4	Contract construction...	13.8	16.3	13.4
				Manufacturing.....	60.9	61.3	60.1
				Trans. and pub. util....	14.8	14.8	15.2
				Trade.....	43.9	47.7	43.6
				Finance.....	11.1	11.1	11.2
				Service 1/.....	32.9	33.6	32.0
				Government.....	25.9	27.6	25.5

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division-Continued**

(In thousands)

Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958	Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958
NORTH CAROLINA				Cincinnati--Continued			
Charlotte				Manufacturing.....	154.4	154.9	153.3
Total.....	91.0	93.2	91.7	Trans. and pub. util....	32.5	33.4	33.5
Contract construction..	5.4	5.7	6.2	Trade.....	79.0	84.2	79.9
Manufacturing.....	25.1	25.3	24.3	Finance.....	18.0	18.1	18.6
Trans. and pub. util...	9.5	9.2	9.6	Service.....	46.6	47.1	46.3
Trade.....	26.8	28.4	27.3	Government.....	43.1	42.7	39.9
Finance.....	5.8	5.8	6.1				
Service 1/.....	10.3	10.3	10.3				
Government.....	8.1	8.5	7.9				
Greensboro-High Point				Cleveland			
Manufacturing.....	44.9	45.1	44.3	Total.....	671.8	681.4	690.2
Winston-Salem				Mining.....	.4	.4	.4
Manufacturing.....	36.6	37.8	35.4	Contract construction...	27.2	27.8	33.0
NORTH DAKOTA				Manufacturing.....	278.5	276.3	288.7
Fargo				Trans. and pub. util....	44.9	45.2	45.8
Total.....	21.6	22.6	20.8	Trade.....	134.7	145.1	139.8
Contract construction..	1.6	2.0	1.3	Finance.....	29.6	29.8	29.6
Manufacturing.....	2.1	2.1	2.1	Service.....	83.8	83.8	83.7
Trans. and pub. util...	2.4	2.5	2.5	Government.....	72.7	73.1	69.2
Trade.....	7.2	7.5	6.9				
Finance.....	1.6	1.6	1.6				
Service 1/.....	3.2	3.2	3.0				
Government.....	3.5	3.7	3.4				
OHIO				Columbus			
Akron				Total.....	239.5	245.9	240.3
Total.....	170.9	174.3	179.2	Mining.....	.7	.7	.7
Mining.....	.1	.1	.1	Contract construction...	11.4	12.3	11.3
Contract construction..	5.7	6.4	6.1	Manufacturing.....	67.9	67.6	70.8
Manufacturing.....	83.4	83.6	89.0	Trans. and pub. util....	18.2	18.4	18.9
Trans. and pub. util...	12.0	12.1	12.5	Trade.....	51.4	56.1	50.3
Trade.....	33.5	35.4	34.5	Finance.....	13.9	14.0	13.9
Finance.....	4.4	4.3	4.3	Service.....	29.4	29.6	29.3
Service.....	18.5	18.7	19.0	Government.....	46.7	47.2	45.1
Government.....	13.4	13.8	13.7				
Canton				Dayton			
Total.....	106.0	107.8	107.2	Total.....	216.0	220.6	219.9
Mining.....	.7	.7	.7	Mining.....	.4	.4	.3
Contract construction..	2.9	2.9	3.7	Contract construction...	5.8	6.2	6.9
Manufacturing.....	53.5	53.6	53.4	Manufacturing.....	93.0	92.6	95.9
Trans. and pub. util...	6.8	6.8	6.9	Trans. and pub. util....	9.3	9.5	9.5
Trade.....	19.1	20.6	19.9	Trade.....	36.7	40.9	36.6
Finance.....	3.3	3.2	3.0	Finance.....	5.1	5.2	5.1
Service.....	11.0	11.0	11.2	Service.....	23.4	23.4	23.1
Government.....	8.8	9.0	8.6	Government.....	42.3	42.5	42.5
Cincinnati				Toledo			
Total.....	390.6	398.0	388.1	Total.....	151.0	155.8	157.4
Mining.....	.3	.3	.3	Mining.....	.1	.1	.1
Contract construction..	16.6	17.3	16.4	Contract construction...	8.3	8.6	9.1

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division-Continued**

(In thousands)							
Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958	Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958
OHIO—Continued							
Youngstown				Erie			
Total.....	193.2	195.7	200.3	Manufacturing.....	32.9	33.6	36.8
Mining.....	.6	.5	.6				
Contract construction...	7.4	7.6	8.7				
Manufacturing.....	98.6	98.2	101.9				
Trans. and pub. util....	11.3	11.6	12.5	Harrisburg			
Trade.....	34.2	36.4	34.8	Total.....	133.2	136.9	134.0
Finance.....	4.3	4.4	4.4	Contract construction...	5.7	6.3	6.2
Service.....	20.7	20.8	21.4	Manufacturing.....	32.1	32.6	32.8
Government.....	16.0	16.2	16.1	Trans. and pub. util....	12.9	13.0	13.7
				Trade.....	23.4	25.5	24.1
				Finance.....	6.0	6.0	5.8
				Service 1/.....	15.3	15.4	15.2
				Government.....	37.8	38.1	36.2
OKLAHOMA							
Oklahoma City 2/							
Total.....	156.3	158.4	154.8				
Mining.....	6.7	6.7	7.0				
Contract construction...	9.4	9.7	9.2				
Manufacturing.....	17.9	18.0	17.6	Lancaster			
Trans. and pub. util....	12.1	12.1	12.2	Manufacturing.....	45.3	45.4	45.1
Trade.....	37.6	39.5	37.5				
Finance.....	9.3	9.3	9.2				
Service.....	18.6	18.5	18.7				
Government.....	44.7	44.6	43.3	Philadelphia			
				Total.....	1,422.5	1,469.8	1,450.8
				Mining.....	2.0	2.1	2.1
				Contract construction...	62.3	66.7	63.6
				Manufacturing.....	526.8	529.8	540.6
				Trans. and pub. util....	110.5	111.3	116.0
				Trade.....	285.8	310.1	293.8
				Finance.....	73.3	73.8	73.5
				Service.....	178.9	180.5	180.4
				Government.....	182.9	195.5	180.8
Tulsa							
Total.....	117.3	120.2	122.0	Pittsburgh			
Mining.....	12.2	12.6	13.2	Total.....	769.5	789.7	793.1
Contract construction...	7.3	7.4	7.1	Mining.....	13.0	13.2	14.2
Manufacturing.....	27.0	27.3	30.0	Contract construction...	35.0	36.2	36.8
Trans. and pub. util....	13.1	13.2	13.5	Manufacturing.....	301.3	301.3	317.1
Trade.....	28.5	30.3	28.5	Trans. and pub. util....	63.2	64.1	66.2
Finance.....	5.9	5.9	6.1	Trade.....	152.8	166.3	156.6
Service.....	13.8	14.0	14.4	Finance.....	30.9	30.8	30.3
Government.....	9.5	9.7	9.3	Service.....	100.9	101.7	101.3
				Government.....	72.4	76.1	70.6
OREGON							
Portland				Reading			
Total.....	240.4	247.2	235.3	Manufacturing.....	49.6	50.4	49.4
Contract construction...	12.2	13.6	10.9				
Manufacturing.....	57.3	57.6	55.2				
Trans. and pub. util....	27.2	27.4	28.0				
Trade.....	60.1	63.5	58.9				
Finance.....	13.5	13.5	13.4				
Service 1/.....	32.0	32.2	31.9				
Government.....	38.1	39.4	37.0				
PENNSYLVANIA							
Allentown-Bethlehem-Easton				Scranton			
Total.....	169.1	172.9	177.7	Manufacturing.....	29.2	29.8	30.2
Mining.....	.8	.9	.9				
Contract construction...	5.4	6.2	6.9				
Manufacturing.....	90.8	92.1	97.5				
Trans. and pub. util....	10.5	10.7	11.3	Wilkes-Barre-Hazleton			
Trade.....	27.7	28.8	28.0	Manufacturing.....	38.0	38.0	39.3
Finance.....	4.1	4.1	4.1				
Service.....	17.3	17.2	17.0				
Government.....	12.5	12.9	12.0	York			
				Manufacturing.....	41.4	41.9	42.3

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division-Continued**

(In thousands)							
Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958	Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958
RHODE ISLAND				Knoxville			
<u>Providence</u>				Total.....	106.6	108.9	104.2
Total.....	272.9	280.2	268.7	Mining.....	1.8	1.8	2.0
Contract construction..	14.2	15.8	12.8	Contract construction...	6.6	6.7	4.6
Manufacturing.....	125.6	126.6	122.9	Manufacturing.....	39.8	39.9	39.8
Trans. and pub. util...	12.4	12.5	13.1	Trans. and pub. util....	6.7	6.8	6.8
Trade.....	47.8	50.6	48.5	Trade.....	21.5	23.3	21.5
Finance.....	11.8	11.8	12.0	Finance.....	3.0	3.0	3.0
Service 1/.....	28.2	28.2	27.8	Service.....	10.8	10.8	10.5
Government.....	32.9	34.7	31.6	Government.....	16.5	16.8	16.1
SOUTH CAROLINA				Memphis			
<u>Charleston</u>				Total.....	177.0	181.6	179.8
Total.....	54.4	54.8	54.1	Mining.....	.3	.3	.2
Contract construction..	4.4	4.2	3.6	Contract construction...	10.4	11.2	9.5
Manufacturing.....	9.8	9.5	10.1	Manufacturing.....	39.7	39.3	43.3
Trans. and pub. util...	4.7	4.7	5.2	Trans. and pub. util....	15.8	16.0	16.4
Trade.....	11.1	11.8	10.9	Trade.....	48.5	52.2	48.3
Finance.....	2.2	2.2	2.1	Finance.....	8.7	8.6	8.7
Service 1/.....	4.9	4.9	4.9	Service.....	24.6	24.1	23.8
Government.....	17.5	17.6	17.5	Government.....	29.8	30.0	29.7
Greenville				Nashville			
<u>Manufacturing</u>	30.7	30.4	29.7	Total.....	135.5	138.4	133.2
SOUTH DAKOTA				Mining.....	.3	.3	.3
<u>Sioux Falls</u>				Contract construction...	6.3	6.7	5.6
Total.....	24.1	24.9	24.0	Manufacturing.....	39.6	39.9	38.9
Contract construction..	1.1	1.4	1.3	Trans. and pub. util....	11.2	11.6	11.3
Manufacturing.....	5.4	5.5	5.3	Trade.....	29.5	31.4	29.3
Trans. and pub. util...	2.5	2.5	2.5	Finance.....	9.1	9.1	9.0
Trade.....	7.5	7.9	7.5	Service.....	20.6	20.6	20.5
Finance.....	1.5	1.5	1.5	Government.....	19.0	18.8	18.4
Service 1/.....	3.5	3.6	3.5	TEXAS			
Government.....	2.6	2.5	2.5	<u>Dallas</u>			
TENNESSEE				Manufacturing.....	83.2	85.9	88.2
<u>Chattanooga</u>				Fort Worth			
Total.....	88.6	90.0	89.2	Manufacturing.....	53.2	53.6	54.8
Mining.....	.1	.1	.1	Houston			
Contract construction..	3.5	3.6	2.8	Manufacturing.....	90.4	90.6	95.1
Manufacturing.....	41.2	41.0	41.8	San Antonio			
Trans. and pub. util...	4.8	4.8	4.9	Manufacturing.....	22.3	22.3	21.3
Trade.....	15.6	16.9	16.7				
Finance.....	4.9	4.9	4.8				
Service.....	8.7	8.7	8.6				
Government.....	10.0	10.0	9.7				

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division-Continued**

		(In thousands)						
Area and industry division		Jan. 1959	Dec. 1958	Jan. 1958	Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958
UTAH					WASHINGTON			
Salt Lake City*					Seattle			
Total.....	(3)	129.4	121.8		Total.....	335.3	342.7	317.3
Mining.....	(3)	6.9	6.6		Contract construction...	13.3	13.7	12.6
Contract construction...	(3)	7.7	7.4		Manufacturing.....	115.5	114.3	100.7
Manufacturing.....	(3)	20.6	19.2		Trans. and pub. util...	26.7	26.9	27.6
Trans. and pub. util...	(3)	13.1	12.9		Trade.....	73.3	78.9	72.6
Trade.....	(3)	37.8	34.3		Finance.....	19.2	19.1	18.4
Finance.....	(3)	7.7	7.5		Service 1/.....	37.9	38.1	36.7
Service.....	(3)	15.5	14.9		Government.....	49.4	51.7	48.7
Government.....	(3)	20.1	19.0					
					Spokane			
					Total.....	72.3	74.5	71.6
VERMONT					Contract construction...	3.1	3.4	3.2
Burlington					Manufacturing.....	13.5	13.7	13.1
Total.....	18.9	19.6	18.4		Trans. and pub. util...	7.7	8.0	8.3
Manufacturing.....	4.3	4.3	4.2		Trade.....	19.8	21.0	19.4
Trans. and pub. util...	1.5	1.5	1.6		Finance.....	4.1	4.1	3.8
Trade.....	4.9	5.2	4.8		Service 1/.....	11.9	11.9	11.6
Other nonmanufacturing..	8.2	8.6	7.9		Government.....	12.2	12.4	12.2
Springfield					Tacoma			
Total.....	10.5	10.6	10.9		Total.....	70.7	73.1	71.1
Manufacturing.....	5.8	5.9	6.3		Contract construction...	3.3	3.6	3.3
Trans. and pub. util...	.6	.7	.7		Manufacturing.....	15.3	15.4	15.7
Trade.....	1.5	1.6	1.5		Trans. and pub. util...	5.9	6.0	6.3
Other nonmanufacturing..	2.6	2.6	2.5		Trade.....	14.8	16.0	14.8
					Finance.....	3.1	3.2	3.0
					Service 1/.....	8.4	8.5	8.1
					Government.....	19.9	20.4	19.9
VIRGINIA					WEST VIRGINIA			
Norfolk-Portsmouth					Charleston			
Total.....	147.8	151.5	144.2		Total.....	89.4	91.4	91.6
Mining.....	.2	.2	.2		Mining.....	8.2	7.9	9.1
Contract construction...	11.2	11.3	9.7		Contract construction...	3.7	3.9	4.2
Manufacturing.....	15.9	16.1	16.4		Manufacturing.....	24.7	24.6	26.2
Trans. and pub. util...	15.9	15.9	17.1		Trans. and pub. util...	10.0	9.9	10.4
Trade.....	35.4	37.5	33.9		Trade.....	18.7	20.4	18.4
Finance.....	5.1	5.2	5.0		Finance.....	3.3	3.2	3.3
Service.....	16.1	16.2	15.0		Service.....	10.1	10.2	9.9
Government.....	48.2	49.4	47.1		Government.....	11.1	11.3	10.4
Richmond					Huntington-Ashland			
Total.....	160.6	164.2	159.2		Total.....	63.3	65.6	67.2
Mining.....	.1	.2	.2		Mining.....	1.0	1.0	1.1
Contract construction...	10.9	10.9	11.6		Contract construction...	2.5	2.7	2.9
Manufacturing.....	41.2	40.9	40.7		Manufacturing.....	22.6	23.1	23.9
Trans. and pub. util...	15.4	15.5	15.6		Trans. and pub. util...	6.0	6.0	7.4
Trade.....	39.0	41.8	38.1		Trade.....	14.1	15.4	14.9
Finance.....	13.0	13.0	12.9		Finance.....	2.1	2.1	2.2
Service.....	18.0	18.0	17.9		Service.....	6.6	6.6	6.5
Government.....	23.0	23.9	22.2		Government.....	8.6	8.9	8.6

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**Table A-12: Employees in nonagricultural establishments
for selected areas, by industry division-Continued**

(In thousands)								
Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958	Area and industry division	Jan. 1959	Dec. 1958	Jan. 1958	
WEST VIRGINIA—Continued				Racine				
Wheeling-Steubenville				Total.....	40.5	40.8	40.6	
Total.....	104.6	108.0	110.4	Contract construction...	1.4	1.5	1.5	
Mining.....	4.5	4.6	5.1	Manufacturing.....	20.7	20.4	21.3	
Contract construction...	5.7	6.3	8.4	Trans. and pub. util....	1.8	1.8	1.9	
Manufacturing.....	47.1	47.9	48.1	Trade.....	6.7	7.2	6.8	
Trans. and pub. util....	8.3	8.3	8.8	Finance.....	.9	.9	.9	
Trade.....	18.4	19.9	19.5	Service 1/.....	4.7	4.8	4.5	
Finance.....	2.9	2.9	2.9	Government.....	4.2	4.2	3.9	
Service.....	9.9	10.1	10.1					
Government.....	7.9	8.3	7.6					
WISCONSIN				WYOMING				
Milwaukee				Casper				
Total.....	422.4	432.3	434.1	Mining.....	3.3	3.4	3.2	
Contract construction...	18.8	19.1	19.5	Contract construction...	1.4	1.4	1.3	
Manufacturing.....	186.1	184.6	192.3	Manufacturing.....	1.8	1.9	1.8	
Trans. and pub. util....	27.9	29.0	29.2	Trans. and pub. util....	1.4	1.5	1.9	
Trade.....	80.6	89.5	84.8	Trade.....	4.1	4.4	3.9	
Finance.....	20.3	20.5	20.6	Finance.....	.6	.6	.6	
Service 1/.....	48.5	48.3	48.2	Service.....	2.0	2.0	1.8	
Government.....	40.2	41.3	39.6					

* 1945 SIC - 1942 SSB Industrial Classification. (See Announcement on page iii.)

1/ Includes mining.

2/ Area definition revised as follows:

Denver.....Adams, Arapahoe, Boulder, Denver, and Jefferson Counties.

Atlanta.....Clayton, Cobb, DeKalb, Fulton, and Gwinnett Counties.

Lewiston-Auburn.....Auburn, Lewiston, and Lisbon towns in Androscoggin County.

Minneapolis-St. Paul...Anoka, Dakota, Hennepin, Ramsey, and Washington Counties.

Oklahoma City.....Cleveland and Oklahoma Counties.

3/ Not available.

4/ Includes government.

5/ Includes mining and finance.

6/ 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 B-1: Labor turnover rates in manufacturing

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
New hires ^{2/}													
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 ^{1/} ...	3.2												
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 ^{1/} ...	3.0												
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												
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	1.0	1.1	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.....	1.6												

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

^{2/} See note on Contents page.

NOTE: Data for the current month are preliminary.

Table B-2: Labor turnover rates, by industry

Industry	(Per 100 employees)									
	Accession rates				Separation rates					
	Total ¹		New hires*		Total ¹		Quits		Layoffs	
	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958
MANUFACTURING.....	3.2	2.4	1.5	1.1	3.0	2.8	0.9	0.7	1.6	1.8
DURABLE GOODS.....	3.5	2.6	1.6	1.1	3.1	2.8	.8	.6	1.7	1.9
NONDURABLE GOODS ² /.....	2.7	2.1	1.4	1.0	2.8	2.7	1.0	.8	1.3	1.6
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES.....	3.1	2.6	2.0	1.9	3.2	1.5	1.3	0.4	1.3	0.7
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE).....	2.9	2.2	2.2	1.3	3.5	3.9	1.3	1.0	1.8	2.5
Logging camps and contractors.....	5.7	4.3	3.9	2.7	4.0	8.3	1.8	1.7	1.6	5.9
Sawmills and planing mills.....	2.2	1.7	1.7	1.1	3.5	3.4	1.1	.9	1.9	2.2
Millwork, plywood, and prefabricated structural wood products.....	2.9	1.9	2.4	1.1	3.3	2.1	1.4	.9	1.3	.8
FURNITURE AND FIXTURES.....	3.6	2.1	2.1	1.1	2.9	3.0	1.1	.8	1.3	2.0
Household furniture.....	3.8	2.2	2.2	1.2	2.9	3.2	1.2	.8	1.1	2.1
Other furniture and fixtures.....	3.2	1.8	1.8	.8	3.1	2.6	.9	.6	1.8	1.7
STONE, CLAY, AND GLASS PRODUCTS.....	3.1	2.2	1.1	.9	3.0	3.1	.6	.4	2.0	2.3
Glass and glass products.....	4.1	2.9	1.3	1.6	2.8	2.9	.6	.4	1.7	2.3
Cement, hydraulic.....	1.6	.5	.4	.2	4.2	5.2	.3	.3	3.5	4.6
Structural clay products.....	2.8	2.0	1.9	.7	5.0	4.6	.9	.5	3.7	3.6
Pottery and related products.....	2.2	1.6	1.1	.9	2.2	3.0	.8	.6	1.0	2.2
PRIMARY METAL INDUSTRIES.....	3.9	2.6	1.3	.8	1.8	1.7	.5	.3	.9	1.1
Blast furnaces, steel works, and rolling mills.....	4.7	2.6	1.1	.5	1.3	1.6	.3	.2	.6	1.1
Iron and steel foundries.....	4.1	3.1	1.7	1.1	2.9	2.0	.7	.4	1.7	1.3
Gray-iron foundries.....	4.4	3.0	2.1	1.4	2.4	2.1	.8	.4	1.1	1.4
Malleable-iron foundries.....	2.9	2.1	2.3	1.1	2.8	1.1	.8	.6	1.5	.3
Steel foundries.....	4.4	3.8	1.1	.7	3.7	2.2	.6	.4	2.5	1.5
Primary smelting and refining of nonferrous metals:										
Primary smelting and refining of copper, lead, and zinc.....	1.7	2.1	1.2	.8	1.5	2.1	.6	.9	.5	.7
Rolling, drawing, and alloying of nonferrous metals:										
Rolling, drawing, and alloying of copper.....	1.7	1.3	.9	.6	.9	.8	.2	.2	.6	.3
Nonferrous foundries.....	5.3	4.2	2.5	1.9	3.0	2.2	1.0	.6	1.2	1.1
Other primary metal industries:										
Iron and steel forgings.....	3.1	2.5	1.1	1.0	2.1	1.9	.6	.3	1.2	1.3
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).....	3.4	2.7	1.6	1.1	3.6	3.0	.8	.5	2.3	2.0
Cutlery, hand tools, and hardware.....	3.0	2.5	2.0	1.1	2.9	2.1	1.0	.6	1.3	1.2
Cutlery and edge tools.....	3.2	1.7	1.2	1.2	2.1	2.0	1.0	.5	.7	1.1
Hand tools.....	2.7	2.3	2.0	1.4	2.8	1.6	1.0	.6	1.0	.5
Hardware.....	3.0	2.6	2.2	1.0	3.1	2.3	1.0	.6	1.6	1.4
Heating apparatus (except electric) and plumbers' supplies.....	3.2	2.3	2.0	1.3	3.5	2.0	1.0	.6	2.0	1.0
Sanitary ware and plumbers' supplies.....	3.0	2.3	2.4	1.5	2.8	1.2	.8	.5	1.2	.4
Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified.....	3.3	2.3	1.8	1.3	3.9	2.4	1.1	.6	2.3	1.3
Fabricated structural metal products.....	2.5	1.9	1.2	.8	3.7	3.2	.6	.5	2.7	2.4
Metal stamping, coating, and engraving.....	3.8	3.4	1.3	1.3	4.4	3.4	.7	.6	3.0	2.1

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total ¹		New hires*		Total ¹		Quits		Layoffs	
	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958	Jan. 1959	
<i>Durable Goods-Continued</i>										
MACHINERY (EXCEPT ELECTRICAL).....	3.4	2.7	1.7	1.0	2.3	1.6	0.7	0.5	1.1	0.8
Engines and turbines.....	4.8	3.0	3.4	1.6	2.0	1.3	.9	.4	.6	.6
Agricultural machinery and tractors.....	5.1	4.1	3.2	1.8	1.9	1.3	.9	.6	.3	.4
Construction and mining machinery.....	3.8	2.9	2.2	1.2	2.2	1.6	.9	.6	.9	.7
Metalworking machinery.....	2.9	2.2	.9	.8	2.3	1.4	.6	.4	1.2	.7
Machine tools.....	2.1	1.8	.7	.6	2.7	1.3	.6	.4	1.7	.7
Metalworking machinery (except machine tools).....	3.4	1.4	.9	.6	1.8	1.5	.5	.3	.7	.8
Machine-tool accessories.....	3.6	3.6	1.2	1.1	2.1	1.4	.7	.4	.8	.7
Special-industry machinery (except metalworking machinery).....	2.9	2.0	1.7	1.0	2.1	2.0	.7	.4	1.0	1.2
General industrial machinery.....	3.2	2.1	1.6	1.0	2.5	1.5	.8	.5	1.2	.7
Office and store machines and devices.....	1.8	1.6	.9	.8	1.3	1.3	.6	.6	.4	.5
Service-industry and household machines.....	4.4	3.0	2.1	.6	2.4	2.3	.7	.6	1.3	1.4
Miscellaneous machinery parts.....	3.0	3.3	1.1	.9	3.3	1.8	.6	.4	2.0	1.1
ELECTRICAL MACHINERY.....	3.1	2.4	1.6	1.3	2.9	2.3	.9	.7	1.4	1.2
Electrical generating, transmission, distribution, and industrial apparatus....	3.1	2.3	1.5	1.1	2.2	1.7	.8	.6	.7	.8
Communication equipment.....	2.9	2.3	1.5	1.6	3.0	2.4	1.1	.9	1.5	1.2
Radios, phonographs, television sets, and equipment.....	3.7	2.9	1.9	2.1	3.9	3.2	1.3	1.1	2.2	1.8
Telephone, telegraph, and related equipment.....	.9	.6	.3	.3	1.2	.8	.6	.4	.2	.2
Electrical appliances, lamps, and miscellaneous products.....	3.2	2.9	1.6	1.5	4.0	3.7	.9	.7	2.6	2.5
TRANSPORTATION EQUIPMENT.....	3.8	3.1	1.2	1.3	4.4	3.5	.7	.7	3.0	2.4
Motor vehicles and equipment.....	3.2	3.5	.7	1.5	3.5	2.7	.4	.6	1.9	1.3
Aircraft and parts.....	2.3	1.7	1.5	1.0	3.1	2.6	.9	.6	1.9	1.7
Aircraft.....	2.1	1.7	1.6	1.1	3.1	2.8	.8	.7	2.0	1.9
Aircraft engines and parts.....	2.3	1.5	.5	.6	2.2	2.3	.4	.3	1.4	1.7
Aircraft propellers and parts.....	(3)	.7	(3)	.5	(3)	.8	(3)	.5	(3)	.2
Other aircraft parts and equipment.....	3.2	2.6	1.9	1.6	4.3	2.1	1.4	.8	2.2	1.0
Ship and boat building and repairing.....	(3)	8.2	(3)	2.0	(3)	11.7	(3)	1.2	(3)	10.1
Railroad equipment.....	5.0	5.5	.1	(4)	16.9	5.3	.1	.3	15.9	4.5
Locomotives and parts.....	(3)	.6	(3)	(4)	(3)	4.0	(3)	.4	(3)	3.2
Railroad and street cars.....	6.1	11.9	.1	(4)	20.0	7.1	.2	.2	18.9	6.4
Other transportation equipment.....	13.4	2.0	.7	.9	4.8	8.6	.8	.7	3.5	7.1
INSTRUMENTS AND RELATED PRODUCTS.....	2.3	1.5	1.5	.9	2.2	1.7	1.0	.6	.8	.9
Photographic apparatus.....	(3)	.7	(3)	.3	(3)	1.1	(3)	.2	(3)	.7
Watches and clocks.....	3.1	1.8	1.2	.8	4.6	4.9	1.6	.6	2.6	3.8
Professional and scientific instruments....	2.8	1.7	2.0	1.1	2.1	1.5	1.1	.7	.6	.5
MISCELLANEOUS MANUFACTURING INDUSTRIES.....	5.1	2.4	2.2	1.2	3.9	7.7	1.3	.9	2.2	6.4
Jewelry, silverware, and plated ware.....	2.0	1.2	1.6	.9	2.1	2.2	1.1	.6	.7	1.2
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS.....	3.2	2.5	1.1	.9	4.1	4.0	.8	.6	2.8	3.1
Meat products.....	3.5	2.6	.8	.4	3.8	4.2	.5	.3	2.7	3.6
Grain-mill products.....	2.6	1.9	1.3	.9	2.8	2.4	.7	.4	1.8	1.8
Bakery products.....	2.5	1.8	1.5	1.2	3.1	2.3	1.2	.9	1.5	1.0
Beverages:										
Malt liquors.....	(3)	3.9	(3)	1.0	(3)	3.9	(3)	.2	(3)	3.4

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total ¹		New hires*		Total ¹		Quits			
	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958		
<i>Nondurable Goods—Continued</i>										
TOBACCO MANUFACTURES.....	1.4	0.6	0.9	0.3	1.5	2.3	1.0	0.7	0.2	1.4
Cigarettes.....	.6	.6	.2	.3	.9	.9	.6	.4	.1	.3
Cigars.....	2.8	.7	2.0	.4	2.4	4.5	1.8	1.1	.3	3.0
Tobacco and snuff.....	.5	.7	.1	.3	1.3	1.0	.2	.1	.4	.6
TEXTILE-MILL PRODUCTS.....	3.2	2.1	1.6	1.1	3.1	3.0	1.2	1.0	1.4	1.7
Yarn and thread mills.....	2.7	2.2	1.7	1.4	2.9	2.3	1.2	1.1	1.3	.8
Broad-woven fabric mills.....	2.7	2.3	1.5	1.1	2.8	2.6	1.2	1.0	1.2	1.3
Cotton, silk, synthetic fiber.....	2.4	1.8	1.4	1.1	2.5	1.8	1.3	1.0	.9	.5
Woolen and worsted.....	5.0	5.9	1.8	1.1	5.2	8.2	.9	.8	3.5	7.1
Knitting mills.....	5.0	1.9	1.7	.8	3.9	5.0	1.7	1.2	1.8	3.6
Full-fashioned hosiery.....	10.2	2.5	1.1	.7	3.3	8.4	1.8	1.2	1.1	6.9
Seamless hosiery.....	2.6	1.5	1.6	.8	4.0	3.7	1.8	1.3	1.8	2.2
Knit underwear.....	2.7	1.0	1.7	.6	2.1	2.6	1.2	1.0	.7	1.3
Dyeing and finishing textiles.....	1.6	1.2	.9	.7	1.7	1.2	.6	.4	.7	.5
Carpets, rugs, other floor coverings.....	(3)	2.2	(3)	1.2	(3)	1.6	(3)	.6	(3)	.7
<i>APPAREL AND OTHER FINISHED TEXTILE PRODUCTS</i>										
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....	3.5	2.5	2.5	1.1	3.3	3.3	2.0	1.4	1.0	1.6
Men's and boys' suits and coats.....	2.3	5.1	1.9	.9	2.1	2.5	1.4	1.0	.3	1.3
Men's and boys' furnishings and work clothing.....	3.9	1.9	2.7	1.2	3.8	3.8	2.1	1.5	1.3	1.9
PAPER AND ALLIED PRODUCTS.....	1.9	1.5	1.0	.8	2.4	2.1	.7	.6	1.2	1.2
Pulp, paper, and paperboard mills.....	1.0	1.1	.5	.6	1.5	1.3	.5	.4	.6	.7
Paperboard containers and boxes.....	2.2	1.4	1.2	.8	3.2	3.1	.9	.8	1.7	1.9
CHEMICALS AND ALLIED PRODUCTS.....	1.4	1.1	.9	.6	1.5	1.5	.5	.4	.6	.9
Industrial inorganic chemicals.....	.9	.8	.7	.4	1.3	.8	.4	.3	.3	.3
Industrial organic chemicals.....	1.0	.8	.7	.4	1.5	1.0	.3	.2	.8	.6
Synthetic fibers.....	.4	1.0	.3	.2	.8	1.5	.3	.2	.4	1.1
Drugs and medicines.....	1.6	1.5	1.2	.9	1.9	1.2	.8	.6	.7	.4
Paints, pigments, and fillers.....	1.5	.9	.8	.5	1.1	1.2	.4	.4	.4	.6
PRODUCTS OF PETROLEUM AND COAL.....	.7	.4	.3	.1	1.1	1.1	.2	.2	.3	.6
Petroleum refining.....	.3	.2	.2	.1	.9	.7	.2	.2	.1	.2
RUBBER PRODUCTS.....	2.9	2.5	1.7	1.1	1.9	1.4	.6	.5	.9	.6
Tires and inner tubes.....	2.3	1.6	1.2	.5	1.2	.7	.3	.2	.5	.3
Rubber footwear.....	3.6	3.0	1.6	1.6	2.5	2.5	.9	1.5	1.0	.6
Other rubber products.....	3.2	3.2	2.0	1.5	2.4	1.7	.7	.5	1.1	.9
LEATHER AND LEATHER PRODUCTS.....	4.0	3.8	2.3	2.2	3.2	2.7	1.7	1.4	1.0	1.0
Leather: tanned, curried, and finished.....	1.9	2.2	1.1	1.4	3.8	1.7	.7	.7	2.5	.6
Footwear (except rubber).....	4.3	4.0	2.5	2.3	3.1	2.9	1.9	1.5	.7	1.1

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total I		New hires*		Total I		Quits		Layoffs	
	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958	Jan. 1959	Dec. 1958
NONMANUFACTURING										
METAL MINING.....	2.9	2.7	1.5	1.0	2.5	2.4	1.3	0.6	0.7	1.2
Iron mining.....	4.6	3.0	.9	.1	1.8	2.9	.2	.1	.5	2.3
Copper mining.....	(3)	2.5	(3)	1.1	(3)	1.4	(3)	.8	(3)	.2
Lead and zinc mining.....	1.3	2.3	.4	.8	4.0	1.2	.6	.7	3.0	.1
ANTHRACITE MINING.....	1.6	1.6	.2	1.0	4.5	1.0	.1	.5	3.6	.4
BITUMINOUS-COAL MINING.....	1.7	1.0	.3	.3	1.2	.8	.2	.2	.6	.4
COMMUNICATION:										
Telephone.....	(3)	.6	(3)	(4)	(3)	1.1	(3)	.8	(3)	.1
Telegraph ^{2/}	(3)	1.1	(3)	(4)	(3)	1.5	(3)	.4	(3)	.5

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

2/ Data for the printing, publishing, and allied industries group are excluded.

3/ Not available.

4/ Less than 0.05.

5/ Data relate to domestic employees except messengers.

* See note on Contents page.

NOTE: Data for the current month are preliminary.

**Table B-3: Labor turnover rates in manufacturing
for selected States and areas**

(Per 100 employees)

State and area	Total accession rates		Separation rates											
			Total		Quits		Discharges		Layoffs		Misc., incl. military			
	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958
ALABAMA <u>1/</u>	3.0	2.9	3.2	2.8	0.7	0.8	0.2	0.2	2.2	1.7	0.1	0.1		
ARIZONA.....	3.9	4.4	2.5	3.0	1.2	1.4	.2	.3	1.0	1.2	.1	.1		
Phoenix.....	4.4	4.7	2.2	2.9	1.1	1.2	.2	.3	.9	1.3	.1	.1		
ARKANSAS.....	2.5	2.6	4.0	3.7	.9	1.3	.2	.3	2.8	2.1	.1	.1		
Little Rock-North Little Rock.....	2.5	2.9	2.9	3.1	1.2	1.9	.3	.5	1.3	.6	.1	.1		
CALIFORNIA:														
Los Angeles-Long Beach <u>1/</u>	3.2	4.0	3.5	3.5	1.2	1.4	.4	.5	1.8	1.5	.1	.1		
San Francisco-Oakland <u>1/</u>	3.8	3.8	4.2	4.9	1.1	1.1	.3	.3	2.7	3.3	.1	.1		
San Jose <u>1/</u>	3.4	3.8	2.3	3.1	1.2	1.3	.3	.4	.7	1.4	.1	.2		
CONNECTICUT.....	2.0	2.5	2.5	2.2	.7	.8	.2	.1	1.5	1.1	.1	.2		
Bridgeport.....	1.4	2.0	2.8	1.7	.6	.8	.1	.1	1.9	.9	.2	.1		
Hartford.....	1.6	2.1	1.4	1.6	.6	.8	.2	.2	.5	.4	.1	.2		
New Britain.....	2.4	2.4	1.9	2.5	.6	.7	.1	.1	1.0	1.5	.2	.2		
New Haven.....	2.0	2.5	3.0	2.7	.8	1.3	.1	.3	1.9	1.0	.2	.1		
Waterbury.....	2.1	2.6	1.8	1.6	.7	.7	.1	.1	.8	.6	.2	.2		
DELAWARE.....	1.8	5.0	3.6	4.5	.7	1.0	.4	.3	2.4	3.1	.1	.2		
Wilmington.....	1.2	4.4	1.9	2.4	.5	.7	.3	.3	.9	1.3	.2	.2		
DISTRICT OF COLUMBIA:														
Washington.....	2.7	3.6	2.8	2.5	1.8	1.9	.3	.2	.7	.3	(2)	(2)		
FLORIDA.....	8.4	9.0	4.6	5.4	2.0	2.3	.4	.5	2.1	2.5	.1	.1		
GEORGIA.....	2.4	3.2	2.9	3.6	1.1	1.4	.3	.4	1.4	1.7	.1	.1		
Atlanta <u>3/</u>	2.9	4.0	2.9	3.1	1.1	1.3	.4	.4	1.3	1.3	.1	.1		
IDAHO <u>4/</u>	3.0	3.0	6.3	9.7	1.1	1.9	.1	.3	4.9	7.4	.2	.2		
INDIANA <u>1/</u>	(5)	3.2	(5)	2.8	(5)	.7	(5)	.1	(5)	1.8	(5)	.2		
Indianapolis <u>6/</u>	2.6	2.8	2.0	2.0	.5	.6	.1	.1	1.2	1.2	.2	.1		
KANSAS <u>7/</u>	2.7	2.9	2.4	2.7	.7	.9	.2	.2	1.3	1.4	.1	.2		
Wichita <u>7/</u>	2.1	2.3	1.0	1.4	.6	.6	.1	.1	.3	.5	.1	.1		
KENTUCKY.....	3.7	3.9	3.1	3.8	.7	.8	.2	.2	2.1	2.6	.1	.2		
LOUISIANA.....	1.6	3.1	7.0	3.7	.7	.8	.2	.3	6.0	2.5	.1	.1		
MAINE.....	3.6	3.7	4.7	4.2	1.3	1.2	.2	.2	3.0	2.6	.1	.2		

See last page for footnotes.

NOTE: Data for the current month are preliminary.

**Table B-3: Labor turnover rates in manufacturing
for selected States and areas-Continued**

(Per 100 employees)

State and area	Total accession rates		Separation rates									
			Total		Quits		Discharges		Layoffs		Misc., incl. military	
	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958
MARYLAND.....	2.3	2.8	4.3	4.3	0.6	0.9	0.2	0.2	3.4	3.1	0.1	0.1
Baltimore.....	2.2	2.7	3.6	3.8	.6	.8	.1	.2	2.7	2.5	.1	.1
MASSACHUSETTS.....	2.8	3.5	3.1	3.2	.8	1.2	.2	.2	1.9	1.7	.2	.2
MINNESOTA.....	2.4	2.9	4.1	4.2	.9	1.0	.2	.2	2.9	2.8	.1	.2
Minneapolis-St. Paul.....	2.6	3.2	4.0	3.5	.9	1.0	.2	.2	2.8	2.2	.1	.2
MISSISSIPPI.....	2.2	3.5	5.8	5.0	1.0	1.4	.3	.4	4.4	3.0	.1	.2
Jackson.....	2.3	2.9	3.5	3.1	.8	1.3	.5	.4	2.1	1.3	.1	.1
MISSOURI.....	(5)	3.8	(5)	3.3	(5)	1.1	(5)	.2	(5)	1.9	(5)	.1
NEVADA.....	3.1	3.4	3.5	3.1	1.8	1.5	.5	.6	.9	.7	.2	.2
NEW HAMPSHIRE.....	3.6	4.2	3.3	3.7	1.4	1.8	.2	.3	1.6	1.5	.2	.1
NEW MEXICO 8/.....	3.9	3.1	3.4	3.2	1.4	1.6	.2	.3	1.7	1.2	.1	.1
Albuquerque 8/.....	3.0	2.9	2.6	3.0	1.8	1.9	.4	.4	.4	.6	(2)	.1
NEW YORK.....	2.5	3.0	4.4	3.7	.7	.9	.2	.2	3.3	2.5	.1	.1
Albany-Schenectady-Troy.....	1.3	1.1	2.4	2.2	.4	.5	(2)	.1	1.8	1.5	.2	.2
Binghamton.....	1.3	1.1	1.2	1.3	.7	.7	.1	.2	.2	.3	.2	.1
Buffalo.....	1.8	1.9	3.9	2.7	.3	.4	.1	.1	3.3	2.1	.2	.1
Elmira.....	1.8	2.5	4.9	3.0	.5	.7	.1	.2	4.1	2.1	.2	.1
Nassau and Suffolk Counties.....	2.1	2.8	3.8	2.3	1.1	.9	.3	.4	2.4	.8	.1	.1
New York City.....	3.2	4.0	6.1	4.7	.7	1.0	.4	.4	5.0	3.2	.1	.1
Rochester.....	1.2	1.6	1.7	1.8	.5	.6	.1	.1	1.0	1.0	.1	.1
Syracuse.....	2.0	1.9	2.5	2.1	.8	.7	.1	.1	1.3	1.2	.3	.1
Utica-Rome.....	2.1	2.9	5.6	3.3	.6	1.1	.2	.2	4.6	1.8	.1	.2
Westchester County.....	1.8	2.6	3.9	4.5	1.0	1.1	.2	.3	2.6	3.0	.1	.1
NORTH CAROLINA.....	1.7	2.3	2.6	3.2	.8	1.1	.2	.2	1.5	1.8	.1	.1
Charlotte.....	1.5	2.3	1.6	2.5	1.0	1.5	.2	.2	.3	.7	.1	.1
NORTH DAKOTA.....	1.9	3.1	3.6	5.0	.7	.8	(2)	.4	2.9	3.7	(2)	.1
Fargo.....	3.7	6.7	6.6	9.9	.8	.8	(2)	.2	5.7	8.9	(2)	.1
OKLAHOMA.....	3.1	3.5	3.3	3.7	1.1	1.1	.2	.2	1.9	2.2	.1	.2
Oklahoma City.....	3.6	5.0	4.2	4.6	1.2	1.5	.1	.3	2.8	2.5	.1	.3
Tulsa.....	1.9	2.8	2.4	4.3	.9	1.0	.2	.2	1.1	3.0	.2	.1
OREGON 1/.....	3.0	3.7	6.0	6.8	1.1	1.6	.3	.4	4.4	4.6	.2	.2

See last page for footnotes.

NOTE: Data for the current month are preliminary.

**Table B-3: Labor turnover rates in manufacturing
for selected States and areas-Continued**

(Per 100 employees)

State and area	Total accession rates		Separation rates									
			Total		Quits		Discharges		Layoffs		Misc., incl. military	
	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958	Dec. 1958	Nov. 1958
RHODE ISLAND.....	4.0	3.9	5.5	5.1	1.2	1.4	0.3	0.3	3.7	3.1	0.3	0.2
SOUTH CAROLINA 2/.....	1.8	2.7	2.1	2.6	.8	1.2	.2	.3	1.0	1.0	.1	.1
Charleston.....	2.7	4.3	3.4	4.2	.8	.9	.4	.9	2.0	2.3	.2	.1
SOUTH DAKOTA.....	2.9	4.5	7.5	5.5	.9	1.4	.2	.2	6.3	3.8	.1	.1
Sioux Falls.....	2.4	3.5	4.5	5.7	.3	.7	.2	.1	3.8	4.8	.2	.1
TEXAS.....	2.2	2.6	3.1	2.6	.8	1.0	.2	.3	1.9	1.2	.2	.1
VERMONT.....	2.4	2.4	2.2	2.2	.7	.9	.2	.2	1.1	1.0	.1	.1
WASHINGTON 1/.....	2.8	2.8	3.4	3.1	1.0	.9	.2	.2	2.0	1.8	.2	.1
WEST VIRGINIA.....	2.0	2.0	3.1	3.0	.3	.4	.1	.1	2.6	2.3	.1	.2
Charleston.....	1.6	.8	.6	2.1	.2	.1	(2)	(2)	.3	1.8	.1	.2
Wheeling-Steubenville.....	1.1	1.5	3.6	2.4	.3	.2	.1	.1	3.1	1.9	.1	.2

1/ Excludes canning and preserving.

2/ Less than 0.05.

3/ Excludes fertilizers, and miscellaneous manufacturing industries.

4/ Excludes canning and preserving, and sugar.

5/ Not available.

6/ Excludes canning and preserving, and newspapers.

7/ Excludes instruments and related products.

8/ Excludes furniture and fixtures.

9/ Excludes tobacco stemming and redrying.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**Table C-1: Hours and gross earnings of production workers in manufacturing,
by major industry group**

Major industry group	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Feb. 1959	Jan. 1959	Feb. 1958	Feb. 1959	Jan. 1959	Feb. 1958	Feb. 1959	Jan. 1959	Feb. 1958
MANUFACTURING.....	\$87.16	\$87.38	\$80.64	39.8	39.9	38.4	\$2.19	\$2.19	\$2.10
DURABLE GOODS.....	94.87	94.94	86.46	40.2	40.4	38.6	2.36	2.35	2.24
NONDURABLE GOODS.....	<u>78.01</u>	<u>77.81</u>	<u>73.15</u>	<u>39.4</u>	<u>39.3</u>	<u>38.1</u>	<u>1.98</u>	<u>1.98</u>	<u>1.92</u>
<i>Durable Goods</i>									
Ordnance and accessories.....	105.16	105.50	99.06	41.4	41.7	40.6	2.54	2.53	2.44
Lumber and wood products (except furniture).....	74.84	75.24	70.43	39.6	39.6	38.7	1.89	1.90	1.82
Furniture and fixtures.....	71.78	72.36	67.97	40.1	40.2	38.4	1.79	1.80	1.77
Stone, clay, and glass products.....	87.89	87.05	80.67	40.5	40.3	38.6	2.17	2.16	2.09
Primary metal industries.....	111.20	111.08	94.21	40.0	40.1	36.8	2.78	2.77	2.56
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	94.37	93.96	86.36	40.5	40.5	38.9	2.33	2.32	2.22
Machinery (except electrical).....	99.55	99.06	92.12	40.8	40.6	39.2	2.44	2.44	2.35
Electrical machinery.....	89.06	89.06	83.07	40.3	40.3	39.0	2.21	2.21	2.13
Transportation equipment.....	103.49	107.16	94.96	39.5	40.9	38.6	2.62	2.62	2.46
Instruments and related products.....	90.94	91.80	84.50	40.6	40.8	39.3	2.24	2.25	2.15
Miscellaneous manufacturing industries..	75.98	76.38	71.76	40.2	40.2	39.0	1.89	1.90	1.84
<i>Nondurable Goods</i>									
Food and kindred products.....	83.18	84.65	79.80	39.8	40.5	39.7	2.09	2.09	2.01
Tobacco manufactures.....	63.53	63.96	59.12	38.5	39.0	37.9	1.65	1.64	1.56
Textile-mill products.....	61.35	60.74	56.70	40.1	39.7	37.8	1.53	1.53	1.50
Apparel and other finished textile products.....	56.83	55.08	52.65	36.9	36.0	35.1	1.54	1.53	1.50
Paper and allied products.....	91.57	91.58	85.49	42.2	42.4	41.1	2.17	2.16	2.08
Printing, publishing, and allied industries.....	100.17	99.41	96.14	37.8	37.8	37.7	2.65	2.63	2.55
Chemicals and allied products.....	97.23	97.88	92.57	41.2	41.3	40.6	2.36	2.37	2.28
Products of petroleum and coal.....	114.24	114.26	108.53	40.8	41.1	39.9	2.80	2.78	2.72
Rubber products.....	101.26	99.87	85.94	41.5	41.1	37.3	2.44	2.43	2.28
Leather and leather products.....	62.63	62.98	57.41	38.9	38.8	36.8	1.61	1.60	1.56

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

**Table C-2: Gross average weekly hours and average overtime hours
of production workers in manufacturing, by major industry group**

Major industry group	February 1959		January 1959		December 1958		February 1958	
	Gross	Overtime	Gross	Overtime	Gross	Overtime	Gross	Overtime
MANUFACTURING.....	39.8	2.3	39.9	2.3	40.2	2.6	38.4	1.6
DURABLE GOODS.....	40.2	2.3	40.4	2.3	40.8	2.7	38.6	1.5
NONDURABLE GOODS.....	39.4	2.4	39.3	2.4	39.6	2.6	38.1	1.9
<i>Durable Goods</i>								
Ordnance and accessories.....	-	-	41.7	2.0	41.9	2.2	40.6	1.9
Lumber and wood products (except furniture).....	-	-	39.6	2.8	40.3	3.0	38.7	2.2
Furniture and fixtures.....	-	-	40.2	2.6	41.2	3.1	38.4	1.5
Stone, clay, and glass products.....	-	-	40.3	2.8	40.4	3.0	38.6	2.2
Primary metal industries.....	-	-	40.1	2.1	39.8	2.0	36.8	1.0
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	-	-	40.5	2.2	41.2	2.8	38.9	1.6
Machinery (except electrical).....	-	-	40.6	2.1	40.6	2.2	39.2	1.5
Electrical machinery.....	-	-	40.3	1.9	40.6	2.3	39.0	1.0
Transportation equipment.....	-	-	40.9	2.4	41.7	3.8	38.6	1.3
Instruments and related products.....	-	-	40.8	2.0	40.9	2.1	39.3	1.2
Miscellaneous manufacturing industries.....	-	-	40.2	2.4	40.4	2.7	39.0	1.8
<i>Nondurable Goods</i>								
Food and kindred products.....	-	-	40.5	3.0	41.0	3.2	39.7	2.6
Tobacco manufactures.....	-	-	39.0	1.5	40.1	1.9	37.9	.7
Textile-mill products.....	-	-	39.7	2.6	40.2	2.9	37.8	1.7
Apparel and other finished textile products.....	-	-	36.0	1.2	36.1	1.3	35.1	.9
Paper and allied products.....	-	-	42.4	4.2	42.4	4.3	41.1	3.5
Printing, publishing, and allied industries.....	-	-	37.8	2.4	38.4	2.9	37.7	2.3
Chemicals and allied products.....	-	-	41.3	2.3	41.4	2.2	40.6	1.8
Products of petroleum and coal.....	-	-	41.1	1.7	40.2	1.4	39.9	1.2
Rubber products.....	-	-	41.1	3.1	41.9	3.8	37.3	1.3
Leather and leather products.....	-	-	38.8	1.6	38.5	1.6	36.8	1.2

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

**Table C-3: Indexes of aggregate weekly man-hours
in industrial and construction activities 1/**

(1947-49=100)

Activity	February 1959	January 1959	December 1958	February 1958
TOTAL.....	93.8	94.8	96.7	89.7
MINING.....	66.1	68.1	69.8	69.3
CONTRACT CONSTRUCTION.....	91.6	99.9	105.7	85.9
MANUFACTURING.....	96.0	95.8	97.3	91.5
DURABLE GOODS.....	101.4	101.3	102.3	95.7
NONDURABLE GOODS.....	89.6	89.3	91.2	86.6
<i>Durable Goods</i>				
Ordnance and accessories.....	320.3	329.0	330.1	294.4
Lumber and wood products (except furniture).....	70.1	70.8	74.5	65.4
Furniture and fixtures.....	104.9	103.8	105.3	93.7
Stone, clay, and glass products.....	93.8	93.8	96.4	89.2
Primary metal industries.....	96.8	94.1	92.4	82.7
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	106.3	105.4	107.9	99.8
Machinery (except electrical).....	94.2	92.3	91.1	93.7
Electrical machinery.....	124.4	124.4	124.9	116.7
Transportation equipment.....	118.0	123.9	125.7	116.5
Instruments and related products.....	110.6	109.5	110.3	106.8
Miscellaneous manufacturing industries.....	93.9	91.5	94.4	89.7
<i>Nondurable Goods</i>				
Food and kindred products.....	74.4	77.0	82.2	75.5
Tobacco manufactures.....	71.2	76.4	82.7	74.5
Textile-mill products.....	72.7	71.5	73.0	68.0
Apparel and other finished textile products.....	105.4	100.7	101.3	98.2
Paper and allied products.....	109.1	109.8	110.3	105.9
Printing, publishing, and allied industries.....	108.4	108.4	111.5	108.7
Chemicals and allied products.....	100.4	100.3	100.7	99.6
Products of petroleum and coal.....	89.3	83.8	82.4	83.9
Rubber products.....	103.7	102.9	104.3	89.7
Leather and leather products.....	95.8	94.2	93.3	88.6

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

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

**Table C-4: Indexes of aggregate weekly payrolls
in industrial and construction activities 1/**

(1947-49=100)

Activity	February 1959	January 1959	December 1958	February 1958
MINING.....	-	108.5	109.4	108.0
CONTRACT CONSTRUCTION.....	-	174.3	184.4	145.5
MANUFACTURING.....	158.4	158.1	160.4	144.9

1/ See footnote 1, table C-3.

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

**Table C-5: Hours and gross earnings of production or nonsupervisory workers,
by industry**

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
MINING.....	\$106.13	\$105.56	\$99.72	40.2	40.6	38.8	\$2.64	\$2.60	\$2.57
METAL MINING.....	104.60	101.24	97.27	40.7	39.7	39.7	2.57	2.55	2.45
Iron mining.....	108.77	101.82	98.19	37.9	35.6	36.5	2.87	2.86	2.69
Copper mining.....	107.50	103.42	98.25	43.0	41.7	40.6	2.50	2.48	2.42
Lead and zinc mining.....	91.76	92.29	86.24	40.6	41.2	40.3	2.26	2.24	2.14
ANTHRACITE MINING.....	90.44	93.19	81.74	34.0	35.3	30.5	2.66	2.64	2.68
BITUMINOUS-COAL MINING.....	114.71	115.82	103.36	36.3	38.1	34.0	3.16	3.04	3.04
CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION:									
Petroleum and natural-gas production (except contract services).....	111.78	108.54	110.56	41.4	40.5	41.1	2.70	2.68	2.69
NONMETALLIC MINING AND QUARRYING.....	89.04	89.67	84.25	42.0	42.1	41.5	2.12	2.13	2.03
CONTRACT CONSTRUCTION.....	110.98	109.43	107.10	35.8	35.3	35.7	3.10	3.10	3.00
NONBUILDING CONSTRUCTION.....	105.11	105.36	103.79	38.5	37.9	38.3	2.73	2.78	2.71
Highway and street construction.....	93.21	93.98	92.96	38.2	37.0	38.1	2.44	2.54	2.44
Other nonbuilding construction.....	114.07	114.55	110.59	38.8	38.7	38.4	2.94	2.96	2.88
BUILDING CONSTRUCTION.....	112.29	110.37	108.06	35.2	34.6	35.2	3.19	3.19	3.07
GENERAL CONTRACTORS.....	103.30	99.12	100.39	34.9	33.6	35.1	2.96	2.95	2.86
SPECIAL-TRADE CONTRACTORS.....	116.84	116.51	112.29	35.3	35.2	35.2	3.31	3.31	3.19
Plumbing and heating.....	127.97	127.59	122.36	38.2	38.2	38.0	3.35	3.34	3.22
Painting and decorating.....	107.84	109.10	102.94	33.7	34.2	33.1	3.20	3.19	3.11
Electrical work.....	139.01	140.48	132.35	38.4	38.7	38.7	3.62	3.63	3.42
Other special-trade contractors.....	108.85	107.24	104.54	33.7	33.2	33.4	3.23	3.23	3.13
MANUFACTURING.....	87.38	88.04	81.66	39.9	40.2	38.7	2.19	2.19	2.11
DURABLE GOODS.....	94.94	96.29	87.14	40.4	40.8	38.9	2.35	2.36	2.24
HONDURABLE GOODS.....	77.81	78.01	73.54	39.3	39.6	38.3	1.98	1.97	1.92
<i>Durable Goods</i>									
ORDNANCE AND ACCESSORIES.....	105.50	106.43	100.77	41.7	41.9	41.3	2.53	2.54	2.44
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE).....	75.24	77.38	69.69	39.6	40.3	38.5	1.90	1.92	1.81
Sawmills and planing mills.....	71.94	75.17	67.08	39.1	40.2	37.9	1.84	1.87	1.77
Sawmills and planing mills, general.....	72.54	75.79	67.66	39.0	40.1	37.8	1.86	1.89	1.79
South.....	51.25	51.25	48.46	41.0	41.0	39.4	1.25	1.25	1.23
West.....	86.95	93.69	82.57	37.0	39.2	35.9	2.35	2.39	2.30
Millwork, plywood, and prefabricated structural wood products.....	81.00	81.00	74.88	40.3	40.5	39.0	2.01	2.00	1.92
Millwork.....	80.20	80.16	74.29	40.3	40.9	39.1	1.99	1.96	1.90
Plywood.....	84.25	84.05	76.04	41.3	41.0	39.4	2.04	2.05	1.93
Wooden containers.....	57.57	57.38	53.30	39.7	39.3	37.8	1.45	1.46	1.41
Wooden boxes, other than cigar.....	55.41	56.34	52.40	39.3	39.4	37.7	1.41	1.43	1.39
Miscellaneous wood products.....	64.96	65.60	61.23	40.6	41.0	39.5	1.60	1.60	1.55

NOTE: Data for the current month are preliminary.

**Table C-5: Hours and gross earnings of production or nonsupervisory workers,
by industry-Continued**

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
Durable Goods—Continued									
FURNITURE AND FIXTURES.....	\$72.36	\$74.16	\$67.76	40.2	41.2	38.5	\$1.80	\$1.80	\$1.76
Household furniture.....	69.08	71.14	63.96	40.4	41.6	38.3	1.71	1.71	1.67
Wood household furniture, except upholstered.....	62.06	63.54	57.87	41.1	41.8	39.1	1.51	1.52	1.48
Wood household furniture, upholstered.	73.32	80.41	67.71	39.0	42.1	36.6	1.88	1.91	1.85
Mattresses and bedsprings.....	83.44	76.80	72.75	40.7	40.0	37.5	2.05	1.92	1.94
Office, public-building, and profes- sional furniture.....	81.80	82.62	78.61	40.1	40.3	39.5	2.04	2.05	1.99
Wood office furniture.....	68.43	67.47	63.76	42.5	42.7	39.6	1.61	1.58	1.61
Metal office furniture.....	88.24	87.48	83.44	38.7	38.2	38.1	2.28	2.29	2.19
Partitions, shelving, lockers, and fixtures.....	84.67	88.65	83.38	37.8	39.4	38.6	2.24	2.25	2.16
Screens, blinds, and miscellaneous furniture and fixtures.....	74.26	74.98	70.27	40.8	41.2	39.7	1.82	1.82	1.77
STONE, CLAY AND GLASS PRODUCTS.....	87.05	87.26	82.32	40.3	40.4	39.2	2.16	2.16	2.10
Flat glass.....	136.53	133.35	117.09	42.4	42.2	40.1	3.22	3.16	2.92
Glass and glassware, pressed or blown.	86.98	87.16	84.77	39.9	39.8	39.8	2.18	2.19	2.13
Glass containers.....	88.26	86.98	85.86	40.3	39.9	40.5	2.19	2.18	2.12
Pressed or blown glass.....	85.50	87.12	83.42	39.4	39.6	38.8	2.17	2.20	2.15
Glass products made of purchased glass.	72.71	77.64	68.92	39.3	41.3	38.5	1.85	1.88	1.79
Cement, hydraulic.....	93.22	95.18	89.60	39.5	40.5	40.0	2.36	2.35	2.24
Structural clay products.....	75.85	75.85	71.06	39.1	39.1	37.6	1.94	1.94	1.89
Brick and hollow tile.....	68.06	68.51	66.35	39.8	39.6	38.8	1.71	1.73	1.71
Floor and wall tile.....	79.18	78.60	73.92	40.4	40.1	38.5	1.96	1.96	1.92
Sewer pipe.....	72.76	71.76	65.29	37.7	36.8	35.1	1.93	1.95	1.86
Clay refractories.....	90.58	89.35	80.91	37.9	37.7	35.8	2.39	2.37	2.26
Pottery and related products.....	76.54	76.43	71.86	36.8	37.1	35.4	2.08	2.06	2.03
Concrete, gypsum, and plaster products.	86.70	86.51	81.54	42.5	42.2	41.6	2.04	2.05	1.96
Concrete products.....	80.70	80.34	78.81	41.6	41.2	41.7	1.94	1.95	1.89
Cut-stone and stone products.....	71.13	72.07	69.74	39.3	39.6	39.4	1.81	1.82	1.77
Miscellaneous nonmetallic mineral products.....	94.16	93.94	84.41	41.3	41.2	38.9	2.28	2.28	2.17
Abrasive products.....	98.74	98.88	89.09	40.8	41.2	38.4	2.42	2.40	2.32
Asbestos products.....	95.99	94.66	84.53	42.1	41.7	39.5	2.28	2.27	2.14
Nonclay refractories.....	99.18	107.01	78.57	39.2	41.0	32.6	2.53	2.61	2.41
PRIMARY METAL INDUSTRIES.....	111.08	109.45	95.23	40.1	39.8	37.2	2.77	2.75	2.56
Blast furnaces, steel works, and rolling mills.....	119.99	116.40	100.46	39.6	38.8	36.4	3.03	3.00	2.76
Blast furnaces, steel works, and rolling mills, except electrometal- lurgical products.....	120.38	116.79	100.55	39.6	38.8	36.3	3.04	3.01	2.77
Electrometallurgical products.....	103.57	102.72	98.81	41.1	40.6	41.0	2.52	2.53	2.41
Iron and steel foundries.....	94.80	94.17	82.31	39.5	39.4	36.1	2.40	2.39	2.28
Gray-iron foundries.....	93.38	92.28	78.72	39.4	39.1	35.3	2.37	2.36	2.23
Malleable-iron foundries.....	92.28	96.87	81.09	39.1	40.7	36.2	2.36	2.38	2.24
Steel foundries.....	100.40	98.60	91.20	40.0	39.6	38.0	2.51	2.49	2.40
Primary smelting and refining of nonferrous metals.....	104.90	105.06	97.04	41.3	41.2	40.1	2.54	2.55	2.42
Primary smelting and refining of copper, lead, and zinc.....	96.74	96.00	88.70	41.7	41.2	39.6	2.32	2.33	2.24
Primary refining of aluminum.....	116.76	118.49	106.52	40.4	41.0	40.5	2.89	2.89	2.63
Secondary smelting and refining of nonferrous metals.....	93.11	93.30	86.40	41.2	41.1	40.0	2.26	2.27	2.16

NOTE: Data for the current month are preliminary.

**Table C-5: Hours and gross earnings of production or nonsupervisory workers,
by industry-Continued**

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
Durable Goods—Continued									
PRIMARY METAL INDUSTRIES—Continued									
Rolling, drawing, and alloying of nonferrous metals.....	\$106.71	\$108.94	\$93.65	41.2	41.9	38.7	\$2.59	\$2.60	\$2.42
Rolling, drawing, and alloying of copper.....	106.93	108.89	90.34	42.1	42.7	37.8	2.54	2.55	2.39
Rolling, drawing, and alloying of aluminum.....	108.27	110.16	97.32	40.1	40.8	39.4	2.70	2.70	2.47
Nonferrous foundries.....	98.40	98.95	90.25	41.0	41.4	38.9	2.40	2.39	2.32
Miscellaneous primary metal industries.	111.11	111.38	98.30	41.0	41.1	38.7	2.71	2.71	2.54
Iron and steel forgings.....	112.56	113.12	100.47	40.2	40.4	38.2	2.80	2.80	2.63
Wire drawing.....	107.23	110.40	96.04	41.4	42.3	39.2	2.59	2.61	2.45
Welded and heavy-riveted pipe.....	110.00	107.56	97.66	40.0	39.4	38.6	2.75	2.73	2.53
FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).....	93.96	96.00	87.25	40.5	41.2	39.3	2.32	2.33	2.22
Tin cans and other tinware.....	106.08	106.45	96.23	40.8	41.1	39.6	2.60	2.59	2.43
Cutlery, hand tools, and hardware.....	91.84	96.02	82.99	41.0	42.3	38.6	2.24	2.27	2.15
Cutlery and edge tools.....	77.41	78.98	73.53	39.9	40.5	38.7	1.94	1.95	1.90
Hand tools.....	90.45	89.20	82.82	40.2	40.0	38.7	2.25	2.23	2.14
Hardware.....	96.10	103.13	85.31	41.6	43.7	38.6	2.31	2.36	2.21
Heating apparatus (except electric) and plumbers' supplies.....	90.23	90.90	86.07	40.1	40.4	39.3	2.25	2.25	2.19
Sanitary ware and plumbers' supplies..	93.67	95.94	90.39	40.2	41.0	39.3	2.33	2.34	2.30
Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified.....	89.02	88.84	84.10	40.1	40.2	39.3	2.22	2.21	2.14
Fabricated structural metal products..	92.98	95.04	91.71	39.4	40.1	40.4	2.36	2.37	2.27
Structural steel and ornamental metal work.....	90.79	92.59	92.11	38.8	39.4	40.4	2.34	2.35	2.28
Metal doors, sash, frames, molding, and trim.....	86.02	92.11	87.38	38.4	40.4	39.9	2.24	2.28	2.19
Boiler-shop products.....	97.69	98.58	93.43	40.2	40.4	40.8	2.43	2.44	2.29
Sheet-metal work.....	98.90	99.87	93.96	40.7	41.1	40.5	2.43	2.43	2.32
Metal stamping, coating, and engraving.	97.10	100.50	87.08	40.8	41.7	38.7	2.38	2.41	2.25
Vitreous-enameling products.....	75.85	80.03	66.60	41.0	41.9	36.0	1.85	1.91	1.85
Stamped and pressed metal products....	102.25	107.10	89.71	40.9	42.0	38.5	2.50	2.55	2.33
Lighting fixtures.....	84.61	85.48	76.94	40.1	40.9	37.9	2.11	2.09	2.03
Fabricated wire products.....	89.16	90.25	81.33	40.9	41.4	39.1	2.18	2.18	2.08
Miscellaneous fabricated metal products	95.04	95.30	85.28	41.5	41.8	39.3	2.29	2.28	2.17
Metal shipping barrels, drums, kegs, and pails.....	103.57	101.63	93.84	40.3	39.7	38.3	2.57	2.56	2.45
Steel springs.....	98.95	100.04	90.15	39.9	40.5	38.2	2.48	2.47	2.36
Bolts, nuts, washers, and rivets.....	99.78	100.01	87.91	42.1	42.2	39.6	2.37	2.37	2.22
Screw-machine products.....	91.32	91.56	82.68	41.7	42.0	39.0	2.19	2.18	2.12
MACHINERY (EXCEPT ELECTRICAL).....	99.06	99.06	92.90	40.6	40.6	39.7	2.44	2.44	2.34
Engines and turbines.....	107.79	105.97	100.50	41.3	40.6	40.2	2.61	2.61	2.50
Steam engines, turbines, and water wheels.....	110.25	110.37	103.88	39.8	39.7	39.2	2.77	2.78	2.65
Diesel and other internal-combustion engines, not elsewhere classified....	107.01	104.76	99.23	41.8	40.9	40.5	2.56	2.56	2.45
Agricultural machinery and tractors....	97.96	97.27	94.49	39.5	39.7	39.7	2.48	2.45	2.38
Tractors.....	101.14	99.33	96.53	39.2	38.8	39.4	2.58	2.56	2.45
Agricultural machinery (except tractors).....	94.16	95.00	92.63	39.9	40.6	40.1	2.36	2.34	2.31
Construction and mining machinery.....	97.36	97.53	90.94	40.4	40.3	39.2	2.41	2.42	2.32
Construction and mining machinery, except for oil fields.....	96.80	96.32	90.09	40.0	39.8	39.0	2.42	2.42	2.31
Oil-field machinery and tools.....	98.53	100.43	92.90	41.4	41.5	39.7	2.38	2.42	2.34

NOTE: Data for the current month are preliminary.

**Table C-5: Hours and gross earnings of production or nonsupervisory workers,
by industry-Continued**

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
<i>Durable Goods--Continued</i>									
MACHINERY (EXCEPT ELECTRICAL)--Continued									
Metalworking machinery.....	\$107.16	\$105.15	\$99.90	40.9	40.6	39.8	\$2.62	\$2.59	\$2.51
Machine tools.....	95.74	95.83	93.06	39.4	39.6	39.1	2.43	2.42	2.38
Metalworking machinery (except machine tools).....	102.80	102.91	95.69	40.0	40.2	38.9	2.57	2.56	2.46
Machine-tool accessories.....	113.70	110.42	105.56	41.8	41.2	40.6	2.72	2.68	2.60
Special-industry machinery (except metalworking machinery).....	94.76	94.53	88.62	41.2	41.1	40.1	2.30	2.30	2.21
Food-products machinery.....	96.35	94.83	91.03	41.0	40.7	40.1	2.35	2.33	2.27
Textile machinery.....	82.39	82.61	76.61	41.4	41.1	39.9	1.99	2.01	1.92
Paper-industries machinery.....	95.17	96.51	90.03	41.2	41.6	41.3	2.31	2.32	2.18
Printing-trades machinery and equipment	105.34	102.92	98.90	41.8	41.5	40.7	2.52	2.48	2.43
General industrial machinery.....	96.56	97.85	91.48	40.4	40.6	39.6	2.39	2.41	2.31
Pumps, air and gas compressors.....	92.80	94.54	87.58	40.0	40.4	39.1	2.32	2.34	2.24
Conveyors and conveying equipment.....	96.92	95.69	95.04	39.4	38.9	39.6	2.46	2.46	2.46
Blowers, exhaust and ventilating fans.	91.30	92.57	86.85	40.4	40.6	39.3	2.26	2.28	2.21
Industrial trucks, tractors, etc.....	96.87	97.36	89.77	39.7	39.9	39.2	2.44	2.44	2.29
Mechanical power-transmission equipment.....	99.14	101.19	92.20	40.8	41.3	39.4	2.43	2.45	2.34
Mechanical stokers and industrial furnaces and ovens.....	93.90	98.28	93.20	40.3	42.0	40.0	2.33	2.34	2.33
Office and store machines and devices..	96.40	96.48	89.78	40.0	40.2	38.7	2.41	2.40	2.32
Computing machines and cash registers.	106.39	107.18	99.20	40.3	40.6	40.0	2.64	2.64	2.48
Typewriters.....	80.96	81.39	70.56	39.3	39.7	36.0	2.06	2.05	1.96
Service-industry and household machines	95.58	97.17	89.50	40.5	41.0	39.6	2.36	2.37	2.26
Domestic laundry equipment.....	97.36	97.69	88.78	39.9	40.2	38.6	2.44	2.43	2.30
Commercial laundry, dry-cleaning, and pressing machines.....	89.88	92.66	82.59	42.0	42.7	39.9	2.14	2.17	2.07
Sewing machines.....	87.01	92.29	88.88	38.5	40.3	39.5	2.26	2.29	2.25
Refrigerators and air-conditioning units.....	96.87	98.88	91.60	40.7	41.2	40.0	2.38	2.40	2.29
Miscellaneous machinery parts.....	98.40	98.81	90.52	41.0	41.0	39.7	2.40	2.41	2.28
Fabricated pipe, fittings, and valves.	95.60	96.72	92.57	40.0	40.3	39.9	2.39	2.40	2.32
Ball and roller bearings.....	100.28	102.26	87.62	41.1	41.4	38.6	2.44	2.47	2.27
Machine shops (job and repair).....	99.19	98.71	91.03	41.5	41.3	40.1	2.39	2.39	2.27
ELECTRICAL MACHINERY.....	89.06	89.32	82.89	40.3	40.6	39.1	2.21	2.20	2.12
Electrical generating, transmission, distribution, and industrial apparatus	92.29	93.61	88.09	40.3	40.7	39.5	2.29	2.30	2.23
Wiring devices and supplies.....	81.59	82.42	77.22	39.8	40.4	39.0	2.05	2.04	1.98
Carbon and graphite products (electrical).....	90.72	90.72	83.50	40.5	40.5	39.2	2.24	2.24	2.13
Electrical indicating, measuring, and recording instruments.....	86.46	90.27	80.96	40.4	41.6	39.3	2.14	2.17	2.06
Motors, generators, and motor- generator sets.....	99.72	101.02	93.06	40.7	40.9	39.6	2.45	2.47	2.35
Power and distribution transformers...	94.16	94.16	90.46	39.9	39.9	39.5	2.36	2.36	2.29
Switchgear, switchboard, and industrial controls.....	95.11	96.22	92.73	40.3	40.6	39.8	2.36	2.37	2.33
Electrical welding apparatus.....	94.07	90.91	91.71	40.2	39.7	39.7	2.34	2.29	2.31
Electrical appliances.....	89.55	87.74	83.60	39.8	39.7	38.0	2.25	2.21	2.20
Insulated wire and cable.....	88.83	92.01	81.80	42.5	43.4	39.9	2.09	2.12	2.05
Electrical equipment for vehicles.....	100.62	102.72	86.02	42.1	42.8	38.4	2.39	2.40	2.24
Electric lamps.....	86.48	87.95	78.59	40.6	41.1	39.1	2.13	2.14	2.01
Communication equipment.....	84.77	84.59	79.15	39.8	39.9	38.8	2.13	2.12	2.04
Radios, phonographs, television sets, and equipment.....	84.61	83.39	77.40	40.1	39.9	38.7	2.11	2.09	2.00
Radio tubes.....	75.85	77.03	71.61	38.5	39.3	38.5	1.97	1.96	1.86
Telephone, telegraph, and related equipment.....	96.39	96.63	92.27	40.5	40.6	39.6	2.38	2.38	2.33

NOTE: Data for the current month are preliminary.

**Table C-5: Hours and gross earnings of production or nonsupervisory workers,
by industry-Continued**

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
Durable Goods—Continued									
ELECTRICAL MACHINERY—Continued									
Miscellaneous electrical products.....	\$90.03	\$94.57	\$82.59	41.3	42.6	39.9	\$2.18	\$2.22	\$2.07
Storage batteries.....	105.41	118.78	88.53	43.2	46.4	39.0	2.44	2.56	2.27
Primary batteries (dry and wet).....	73.62	73.26	69.03	40.9	40.7	39.9	1.80	1.80	1.73
X-ray and non-radio electronic tubes..	96.63	96.63	91.71	40.6	40.6	40.4	2.38	2.38	2.27
TRANSPORTATION EQUIPMENT.....	107.16	110.92	95.45	40.9	41.7	38.8	2.62	2.66	2.46
Motor vehicles and equipment.....	109.45	117.82	92.50	41.3	43.0	37.3	2.65	2.74	2.48
Motor vehicles, bodies, parts, and accessories.....	111.78	120.81	93.37	41.4	43.3	37.2	2.70	2.79	2.51
Truck and bus bodies.....	90.91	93.73	86.80	39.7	40.4	40.0	2.29	2.32	2.17
Trailers (truck and automobile).....	86.69	86.92	78.17	40.7	41.0	37.4	2.13	2.12	2.09
Aircraft and parts.....	105.52	105.52	98.66	40.9	40.9	40.6	2.58	2.58	2.43
Aircraft.....	105.15	104.12	98.49	40.6	40.2	40.7	2.59	2.59	2.42
Aircraft engines and parts.....	108.47	106.86	99.00	41.4	41.1	39.6	2.62	2.60	2.50
Aircraft propellers and parts.....	100.53	99.87	97.58	41.2	41.1	41.0	2.44	2.43	2.38
Other aircraft parts and equipment....	105.25	108.54	100.43	41.6	42.9	41.5	2.53	2.53	2.42
Ship and boat building and repairing.....	102.05	101.53	94.14	39.4	39.2	38.9	2.59	2.59	2.42
Ship building and repairing.....	106.11	105.45	97.00	39.3	39.2	38.8	2.70	2.69	2.50
Boat building and repairing.....	79.40	78.41	76.83	40.1	39.6	39.2	1.98	1.98	1.96
Railroad equipment.....	101.41	106.74	101.92	37.7	39.1	39.2	2.69	2.73	2.60
Locomotives and parts.....	103.49	108.53	100.10	39.5	39.9	39.1	2.62	2.72	2.56
Railroad and street cars.....	100.74	105.65	102.97	36.9	38.7	39.3	2.73	2.73	2.62
Other transportation equipment.....	86.80	85.32	81.12	40.0	39.5	39.0	2.17	2.16	2.08
INSTRUMENTS AND RELATED PRODUCTS.....	91.80	91.62	85.14	40.8	40.9	39.6	2.25	2.24	2.15
Laboratory, scientific, and engineering instruments.....	109.20	109.13	100.45	42.0	42.3	41.0	2.60	2.58	2.45
Mechanical measuring and controlling instruments.....	91.98	91.80	84.93	40.7	40.8	39.5	2.26	2.25	2.15
Optical instruments and lenses.....	89.32	92.64	82.86	40.6	42.3	38.9	2.20	2.19	2.13
Surgical, medical, and dental instruments.....	83.43	81.81	75.43	41.1	40.7	39.7	2.03	2.01	1.90
Ophthalmic goods.....	74.82	74.24	69.16	39.8	39.7	38.0	1.88	1.87	1.82
Photographic apparatus.....	100.86	100.37	96.08	41.0	40.8	40.2	2.46	2.46	2.39
Watches and clocks.....	76.22	75.83	70.87	39.7	39.7	38.1	1.92	1.91	1.86
MISCELLANEOUS MANUFACTURING INDUSTRIES..	76.38	75.95	72.52	40.2	40.4	39.2	1.90	1.88	1.85
Jewelry, silverware, and plated ware...	77.08	81.98	72.65	41.0	42.7	39.7	1.88	1.92	1.83
Jewelry and findings.....	73.75	78.51	70.05	41.2	42.9	39.8	1.79	1.83	1.76
Silverware and plated ware.....	85.65	90.52	79.59	40.4	42.1	39.4	2.12	2.15	2.02
Musical instruments and parts.....	88.37	92.88	80.13	41.1	42.8	38.9	2.15	2.17	2.06
Toys and sporting goods.....	69.56	67.55	66.47	39.3	38.6	38.2	1.77	1.75	1.74
Games, toys, dolls, and children's vehicles.....	67.60	64.01	64.81	39.3	38.1	37.9	1.72	1.68	1.71
Sporting and athletic goods.....	72.10	72.31	68.89	39.4	39.3	38.7	1.83	1.84	1.78
Pens, pencils, other office supplies...	70.18	69.20	67.43	40.1	40.0	39.9	1.75	1.73	1.69
Costume jewelry, buttons, notions.....	65.96	65.40	63.74	38.8	39.4	38.4	1.70	1.66	1.66
Fabricated plastics products.....	83.00	82.76	76.80	41.5	41.8	40.0	2.00	1.98	1.92
Other manufacturing industries.....	79.19	77.41	76.83	40.2	39.9	39.4	1.97	1.94	1.95
Nondurable Goods									
FOOD AND KINDRED PRODUCTS.....	84.65	84.46	80.60	40.5	41.0	40.1	2.09	2.06	2.01
Meat products.....	95.24	95.63	89.15	40.7	41.4	39.8	2.34	2.31	2.24
Meat packing, wholesale.....	108.88	107.94	99.39	42.2	42.0	40.9	2.58	2.57	2.43
Sausages and casings.....	95.58	98.18	91.48	40.5	41.6	40.3	2.36	2.36	2.27
Dairy products.....	84.23	83.40	80.41	41.7	41.7	42.1	2.02	2.00	1.91
Condensed and evaporated milk.....	83.84	82.62	80.12	41.1	40.7	41.3	2.04	2.03	1.94
Ice cream and ices.....	88.17	88.40	83.38	41.2	41.5	41.9	2.14	2.13	1.99

NOTE: Data for the current month are preliminary

**Table C-5: Hours and gross earnings of production or nonsupervisory workers,
by industry-Continued**

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
Nondurable Goods—Continued									
FOOD AND KINDRED PRODUCTS—Continued									
Canning and preserving.....	\$66.68	\$64.98	\$64.98	38.1	38.0	38.0	\$1.75	\$1.71	\$1.71
Sea food, canned and cured.....	61.10	60.48	54.48	32.5	32.0	30.1	1.88	1.89	1.81
Canned fruits, vegetables, and soups.....	69.45	67.08	68.29	38.8	39.0	38.8	1.79	1.72	1.76
Grain-mill products.....	93.28	92.63	88.51	44.0	43.9	43.6	2.12	2.11	2.03
Flour and other grain-mill products....	97.22	97.63	92.12	44.8	45.2	44.5	2.17	2.16	2.07
Prepared feeds.....	86.72	86.39	84.42	44.7	44.3	44.2	1.94	1.95	1.91
Bakery products.....	79.60	81.20	76.81	39.6	40.2	39.8	2.01	2.02	1.93
Bread and other bakery products.....	81.59	82.82	78.01	39.8	40.4	39.8	2.05	2.05	1.96
Biscuit, crackers, and pretzels.....	72.74	74.07	72.07	38.9	39.4	39.6	1.87	1.88	1.82
Sugar.....	91.12	91.68	86.20	43.6	50.1	43.1	2.09	1.83	2.00
Cane-sugar refining.....	99.42	102.72	93.60	41.6	42.8	41.6	2.39	2.40	2.25
Beet sugar.....	90.60	90.70	84.23	45.3	48.5	44.1	2.00	1.87	1.91
Confectionery and related products....	67.49	67.43	65.74	39.7	39.9	39.6	1.70	1.69	1.66
Confectionery.....	65.34	65.27	63.60	39.6	39.8	39.5	1.65	1.64	1.61
Beverages.....	92.50	94.71	88.59	39.7	40.3	39.2	2.33	2.35	2.26
Bottled soft drinks.....	69.55	69.81	65.93	41.9	41.8	40.2	1.66	1.67	1.64
Malt liquors.....	110.97	113.94	107.25	38.8	39.7	39.0	2.86	2.87	2.75
Distilled, rectified, and blended liquors.....	90.01	91.96	85.57	38.3	39.3	38.2	2.35	2.34	2.24
Miscellaneous food products.....	82.60	83.40	79.30	41.3	41.7	41.3	2.00	2.00	1.92
Corn syrup, sugar, oil, and starch....	99.72	104.48	93.15	41.9	43.9	41.4	2.38	2.38	2.25
Manufactured ice.....	75.68	74.73	74.48	44.0	43.7	44.6	1.72	1.71	1.67
TOBACCO MANUFACTURES.....	63.96	66.17	60.84	39.0	40.1	39.0	1.64	1.65	1.56
Cigarettes.....	80.34	85.17	76.11	41.2	42.8	40.7	1.95	1.99	1.87
Cigars.....	52.36	53.34	49.98	37.4	38.1	37.3	1.40	1.40	1.34
Tobacco and snuff.....	64.98	66.35	62.46	38.0	38.8	37.4	1.71	1.71	1.67
Tobacco stemming and redrying.....	49.37	52.77	50.44	37.4	38.8	39.1	1.32	1.36	1.29
TEXTILE-MILL PRODUCTS.....	60.74	61.10	56.40	39.7	40.2	37.6	1.53	1.52	1.50
Scouring and combing plants.....	70.68	66.62	60.92	43.1	41.9	38.8	1.64	1.59	1.57
Yarn and thread mills.....	55.55	56.26	50.23	39.4	39.9	36.4	1.41	1.41	1.38
Yarn mills.....	55.41	56.37	50.09	39.3	39.7	36.3	1.41	1.42	1.38
Thread mills.....	57.31	57.86	53.16	39.8	39.9	37.7	1.44	1.45	1.41
Broad-woven fabric mills.....	58.80	59.54	54.96	40.0	40.5	37.9	1.47	1.47	1.45
Cotton, silk, synthetic fiber.....	57.17	58.58	54.20	39.7	40.4	37.9	1.44	1.45	1.43
North.....	61.75	62.78	58.22	40.1	40.5	38.3	1.54	1.55	1.52
South.....	56.77	57.77	53.30	39.7	40.4	37.8	1.43	1.43	1.41
Woolen and worsted.....	67.14	65.60	60.90	41.7	41.0	38.3	1.61	1.60	1.59
Narrow fabrics and smallwares.....	63.02	63.34	59.67	40.4	40.6	39.0	1.56	1.56	1.53
Knitting mills.....	55.94	56.74	51.98	37.8	38.6	35.6	1.48	1.47	1.46
Full-fashioned hosiery.....	57.53	60.44	56.83	37.6	39.5	36.9	1.53	1.53	1.54
North.....	58.19	61.46	58.30	37.3	39.4	36.9	1.56	1.56	1.58
South.....	57.30	59.65	56.46	37.7	39.5	36.9	1.52	1.51	1.53
Seamless hosiery.....	51.71	51.89	47.06	37.2	37.6	34.6	1.39	1.38	1.36
North.....	52.20	53.44	48.93	36.5	37.9	35.2	1.43	1.41	1.39
South.....	51.47	51.89	46.92	37.3	37.6	34.5	1.38	1.38	1.36
Knit outerwear.....	56.83	57.99	52.74	36.9	37.9	34.7	1.54	1.53	1.52
Knit underwear.....	56.06	54.60	49.82	39.2	39.0	36.1	1.43	1.40	1.38
Dyeing and finishing textiles.....	67.98	69.39	64.12	41.2	41.8	39.1	1.65	1.66	1.64
Dyeing and finishing textiles (except wool).....	68.15	69.39	64.22	41.3	41.8	39.4	1.65	1.66	1.63
Carpets, rugs, other floor coverings....	82.45	81.79	76.89	42.5	42.6	40.9	1.94	1.92	1.88
Wool carpets, rugs, and carpet yarn....	80.14	78.91	74.59	42.4	42.2	40.1	1.89	1.87	1.86
Hats (except cloth and millinery).....	63.78	61.88	60.26	37.3	36.4	37.2	1.71	1.70	1.62

NOTE: Data for the current month are preliminary.

**Table C-5: Hours and gross earnings of production or nonsupervisory workers,
by industry—Continued**

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
Nondurable Goods—Continued									
TEXTILE-MILL PRODUCTS—Continued									
Miscellaneous textile goods.....	\$71.20	\$73.03	\$66.85	40.0	40.8	38.2	\$1.78	\$1.79	\$1.75
Felt goods (except woven felts and hats).....	75.83	79.54	71.24	39.7	41.0	38.3	1.91	1.94	1.86
Lace goods.....	66.41	65.14	63.72	37.1	36.8	35.4	1.79	1.77	1.80
Paddings and upholstery filling.....	74.98	77.70	68.38	41.2	42.0	38.2	1.82	1.85	1.79
Processed waste and recovered fibers.....	62.71	62.82	57.34	40.2	41.6	40.1	1.56	1.51	1.43
Artificial leather, oilcloth, and other coated fabrics.....	92.32	98.06	89.24	41.4	43.2	41.7	2.23	2.27	2.14
Cordage and twine.....	61.38	62.00	55.78	39.6	40.0	36.7	1.55	1.55	1.52
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.....	55.08	54.87	53.00	36.0	36.1	35.1	1.53	1.52	1.51
Men's and boys' suits and coats.....	63.37	62.65	60.02	35.8	35.8	34.1	1.77	1.75	1.76
Men's and boys' furnishings and work clothing.....	47.21	47.47	45.67	36.6	36.8	35.4	1.29	1.29	1.29
Shirts, collars, and nightwear.....	46.31	47.71	45.80	35.9	36.7	35.5	1.29	1.30	1.29
Separate trousers.....	47.55	47.45	48.31	36.3	36.5	36.6	1.31	1.30	1.32
Work shirts.....	44.98	43.19	40.59	37.8	36.6	34.4	1.19	1.18	1.18
Women's outerwear.....	59.69	58.65	57.27	34.5	34.5	34.5	1.73	1.70	1.66
Women's dresses.....	57.79	57.11	55.24	33.6	33.4	34.1	1.72	1.71	1.62
Household apparel.....	45.96	48.08	45.89	34.3	36.7	35.3	1.34	1.31	1.30
Women's suits, coats, and skirts.....	72.80	70.18	69.09	35.0	34.4	33.7	2.08	2.04	2.05
Women's, children's under garments.....	50.04	50.14	48.28	36.0	36.6	35.5	1.39	1.37	1.36
Underwear and nightwear, except corsets.....	48.64	48.44	46.28	36.3	36.7	35.6	1.34	1.32	1.30
Corsets and allied garments.....	53.30	54.75	52.45	35.3	36.5	35.2	1.51	1.50	1.49
Millinery.....	65.70	62.84	55.36	36.1	35.5	31.1	1.82	1.77	1.78
Children's outerwear.....	51.52	49.27	49.87	36.8	35.7	36.4	1.40	1.38	1.37
Miscellaneous apparel and accessories.....	52.73	53.39	49.07	37.4	37.6	34.8	1.41	1.42	1.41
Other fabricated textile products.....	58.88	58.59	55.90	37.5	37.8	36.3	1.57	1.55	1.54
Curtains, draperies, and other house-furnishings.....	49.23	51.95	47.97	36.2	38.2	35.8	1.36	1.36	1.34
Textile bags.....	63.02	61.07	60.37	40.4	39.4	39.2	1.56	1.55	1.54
Canvas products.....	60.50	60.90	58.31	39.8	40.6	39.4	1.52	1.50	1.48
PAPER AND ALLIED PRODUCTS.....	91.58	91.16	86.11	42.4	42.4	41.4	2.16	2.15	2.08
Pulp, paper, and paperboard mills.....	100.07	99.39	94.37	43.7	43.4	42.7	2.29	2.29	2.21
Paperboard containers and boxes.....	84.87	85.07	78.20	41.2	41.7	39.9	2.06	2.04	1.96
Paperboard boxes.....	84.46	84.64	77.60	41.4	41.9	40.0	2.04	2.02	1.94
Fiber cans, tubes, and drums.....	87.81	88.62	83.19	39.2	40.1	39.2	2.24	2.21	2.12
Other paper and allied products.....	81.38	81.16	76.97	41.1	41.2	40.3	1.98	1.97	1.91
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.....	99.41	101.76	95.76	37.8	38.4	37.7	2.63	2.65	2.54
Newspapers.....	103.06	109.56	100.10	34.7	36.4	35.0	2.97	3.01	2.86
Periodicals.....	104.15	104.15	100.47	39.3	39.3	39.4	2.65	2.65	2.55
Books.....	88.88	87.58	85.06	39.5	39.1	39.2	2.25	2.24	2.17
Commercial printing.....	99.43	100.19	95.74	39.3	39.6	39.4	2.53	2.53	2.43
Lithographing.....	101.40	101.26	94.87	39.0	39.4	38.1	2.60	2.57	2.49
Greeting cards.....	71.74	68.68	67.61	39.2	38.8	38.2	1.83	1.77	1.77
Bookbinding and related industries....	78.74	78.95	73.14	38.6	38.7	37.7	2.04	2.04	1.94
Miscellaneous publishing and printing services.....	113.32	113.62	108.77	37.9	38.0	37.9	2.99	2.99	2.87

NOTE: Data for the current month are preliminary.

**Table C-5: Hours and gross earnings of production or nonsupervisory workers,
by industry-Continued**

Industry	Average weekly earnings			Average weekly hours			Average	hourly earnings
	Jan. 1959	Dec. 1958	Jan. 1958	Jan., 1959	Dec. 1958	Jan. 1958		
Nondurable Goods—Continued								
CHEMICALS AND ALLIED PRODUCTS.....	\$97.88	\$97.70	\$92.62	41.3	41.4	40.8	\$2.37	\$2.36
Industrial inorganic chemicals.....	108.88	109.25	102.50	41.4	41.7	41.0	2.63	2.62
Alkalies and chlorine.....	107.38	106.97	99.88	41.3	41.3	40.6	2.60	2.59
Industrial organic chemicals.....	104.24	103.57	98.17	41.2	41.1	40.4	2.53	2.52
Plastics, except synthetic rubber.....	107.87	106.68	99.55	42.3	42.0	40.8	2.55	2.54
Synthetic rubber.....	122.55	120.56	109.62	42.7	42.3	40.6	2.87	2.85
Synthetic fibers.....	85.81	86.43	82.37	40.1	40.2	39.6	2.14	2.15
Explosives.....	98.42	98.40	90.32	40.5	41.0	39.1	2.43	2.40
Drugs and medicines.....	88.97	88.54	85.49	41.0	40.8	41.1	2.17	2.17
Soap, cleaning and polishing preparations.....	102.16	105.67	98.74	40.7	42.1	40.8	2.51	2.51
Soap and glycerin.....	110.57	115.45	108.09	40.8	42.6	41.1	2.71	2.71
Paints, pigments, and fillers.....	96.35	97.11	89.20	41.0	41.5	40.0	2.35	2.34
Paints, varnishes, lacquers, and enamels.....	93.66	94.62	86.76	40.9	41.5	39.8	2.29	2.28
Gum and wood chemicals.....	81.54	81.71	79.90	41.6	41.9	42.5	1.96	1.95
Fertilizers.....	76.82	75.66	73.25	43.4	41.8	42.1	1.77	1.81
Vegetable and animal oils and fats.....	83.47	82.70	80.19	44.4	44.7	44.8	1.88	1.85
Vegetable oils.....	77.95	76.84	74.29	44.8	45.2	45.3	1.74	1.70
Animal oils and fats.....	92.21	91.98	90.00	43.7	43.8	43.9	2.11	2.10
Miscellaneous chemicals.....	88.80	89.06	85.60	40.0	40.3	40.0	2.22	2.21
Essential oils, perfumes, cosmetics.....	73.53	75.05	70.80	38.7	39.5	38.9	1.90	1.90
Compressed and liquefied gases.....	103.58	102.51	97.58	41.6	41.5	41.0	2.49	2.47
PRODUCTS OF PETROLEUM AND COAL.....	114.26	111.35	109.89	41.1	40.2	40.4	2.78	2.72
Petroleum refining.....	118.12	114.86	115.06	41.3	40.3	40.8	2.86	2.85
Coke, other petroleum and coal products.....	102.21	99.60	93.06	40.4	40.0	39.1	2.53	2.49
RUBBER PRODUCTS.....	99.87	102.66	87.48	41.1	41.9	38.2	2.43	2.45
Tires and inner tubes.....	116.28	121.40	98.52	40.8	42.3	36.9	2.85	2.87
Rubber footwear.....	77.81	78.01	74.87	39.7	39.8	39.2	1.96	1.96
Other rubber products.....	91.72	92.60	80.94	41.5	41.9	39.1	2.21	2.21
LEATHER AND LEATHER PRODUCTS.....	62.08	61.22	58.19	38.8	38.5	37.3	1.60	1.59
Leather: tanned, curried, and finished.....	81.39	83.03	77.42	39.7	40.5	39.1	2.05	2.05
Industrial leather belting and packing.....	79.49	79.65	75.43	41.4	41.7	39.7	1.92	1.91
Boot and shoe cut stock and findings.....	58.98	59.04	56.55	38.8	39.1	37.7	1.52	1.51
Footwear (except rubber).....	60.30	58.67	56.17	38.9	38.1	37.2	1.55	1.54
Luggage.....	64.16	66.08	56.62	37.3	39.1	33.5	1.72	1.69
Handbags and small leather goods.....	55.33	56.30	54.67	37.9	39.1	37.7	1.46	1.44
Gloves and miscellaneous leather goods.....	51.61	51.71	49.32	36.6	37.2	36.0	1.41	1.39
TRANSPORTATION AND PUBLIC UTILITIES:								
TRANSPORTATION:								
Interstate railroads:								
Class I railroads.....	(1)	107.35	99.01	(1)	42.6	41.6	(1)	2.52
Local railways and bus lines.....	93.09	92.66	88.61	42.9	42.9	42.6	2.17	2.16
COMMUNICATION:								
Telephone.....	80.60	81.06	76.38	38.2	38.6	38.0	2.11	2.10
Switchboard operating employees 2/.....	64.26	64.79	61.07	36.1	36.4	35.3	1.78	1.78
Line construction employees 3/.....	108.16	109.72	102.09	41.6	42.2	41.5	2.60	2.60
Telegraph 4/.....	93.98	93.18	85.90	41.4	41.6	41.1	2.27	2.24

NOTE: Data for the current month are preliminary.

**Table C-5: Hours and gross earnings of production or nonsupervisory workers,
by industry-Continued**

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
TRANSPORTATION AND PUBLIC UTILITIES—Con.									
OTHER PUBLIC UTILITIES:									
Gas and electric utilities.....	\$103.07	\$103.57	\$97.51	40.9	41.1	40.8	\$2.52	\$2.52	\$2.39
Electric light and power utilities....	103.63	103.89	98.98	40.8	40.9	40.9	2.54	2.54	2.42
Gas utilities.....	98.23	98.06	92.80	41.1	41.2	40.7	2.39	2.38	2.28
Electric light and gas utilities combined.....	107.16	108.47	100.21	40.9	41.4	40.9	2.62	2.62	2.45
WHOLESALE AND RETAIL TRADE:									
WHOLESALE TRADE.....	88.62	88.48	85.41	40.1	40.4	40.1	2.21	2.19	2.13
RETAIL TRADE (EXCEPT EATING AND DRINKING PLACES).....	66.29	64.68	63.50	38.1	38.5	37.8	1.74	1.68	1.68
General merchandise stores.....	48.44	48.68	45.77	34.6	36.6	33.9	1.40	1.33	1.35
Department stores and general mail-order houses.....	53.70	55.13	50.57	35.1	37.5	34.4	1.53	1.47	1.47
Food and liquor stores.....	68.26	68.24	65.70	36.5	36.3	35.9	1.87	1.88	1.83
Automotive and accessories dealers.....	86.68	85.36	82.34	44.0	44.0	43.8	1.97	1.94	1.88
Apparel and accessories stores.....	52.44	52.98	50.81	34.5	35.8	34.8	1.52	1.48	1.46
Other retail trade:									
Furniture and appliance stores.....	73.34	76.38	71.72	41.2	42.2	41.7	1.78	1.81	1.72
Lumber and hardware supply stores.....	76.18	76.49	73.93	41.4	41.8	41.3	1.84	1.83	1.79
FINANCE, INSURANCE, AND REAL ESTATE:									
Banks and trust companies.....	67.04	66.48	65.56	—	—	—	—	—	—
Security dealers and exchanges.....	121.50	123.49	98.19	—	—	—	—	—	—
Insurance carriers.....	84.68	84.36	82.12	—	—	—	—	—	—
SERVICE AND MISCELLANEOUS:									
Hotels and lodging places:									
Hotels, year-round 5/.....	45.77	46.40	44.40	39.8	40.0	40.0	1.15	1.16	1.11
Personal services:									
Laundries.....	45.08	44.69	43.68	39.2	39.2	39.0	1.15	1.14	1.12
Cleaning and dyeing plants.....	52.11	51.32	49.27	38.6	38.3	37.9	1.35	1.34	1.30
Motion pictures:									
Motion-picture production and distribution.....	101.93	104.29	97.43	—	—	—	—	—	—

NOTE: Data for the current month are preliminary.

1/ Not available.

2/ Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1957, such employees made up 39 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

3/ Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1957, such employees made up 29 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

4/ Data relate to domestic nonsupervisory employees except messengers.

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

**Table C-6: Average weekly earnings, gross and net spendable,
of production or construction workers in selected industry divisions,
in current and 1947-49 dollars**

Division, month and year	Gross average weekly earnings		Net spendable average weekly earnings			
	Current dollars	1947-49 dollars	Worker with no dependents		Worker with 3 dependents	
			Current dollars	1947-49 dollars	Current dollars	1947-49 dollars
MINING:						
January 1958.....	\$99.72	\$81.54	\$81.42	\$66.57	\$89.18	\$72.92
December 1958.....	105.56	85.34	85.89	69.43	93.97	75.97
January 1959.....	106.13	85.73	85.84	69.34	93.95	75.89
CONTRACT CONSTRUCTION:						
January 1958.....	107.10	87.57	87.07	71.19	95.23	77.87
December 1958.....	109.43	88.46	88.85	71.83	97.14	78.53
January 1959.....	110.98	89.64	89.55	72.33	97.92	79.10
MANUFACTURING:						
January 1958.....	81.66	66.77	66.98	54.77	74.37	60.81
December 1958.....	88.04	71.17	72.10	58.29	79.60	64.35
January 1959.....	87.38	70.58	71.20	57.51	78.70	63.57

NOTE: Data for the current month are preliminary.

**Table C-7: Average hourly earnings, gross and excluding overtime,
of production workers in manufacturing, by major industry group**

Major industry group	Gross average hourly earnings			Average hourly earnings, excluding overtime ^{1/}		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
MANUFACTURING.....	\$2.19	\$2.19	\$2.11	\$2.13	\$2.12	\$2.06
DURABLE GOODS.....	2.35	2.36	2.24	2.29	2.28	2.20
NONDURABLE GOODS.....	1.98	1.97	1.92	1.92	1.91	1.88
<i>Durable Goods</i>						
Ordnance and accessories.....	2.53	2.54	2.44	2.47	2.48	2.38
Lumber and wood products (except furniture).....	1.90	1.92	1.81	1.83	1.86	1.75
Furniture and fixtures.....	1.80	1.80	1.76	1.74	1.73	1.72
Stone, clay, and glass products.....	2.16	2.16	2.10	2.09	2.08	2.04
Primary metal industries.....	2.77	2.75	2.56	2.70	2.68	2.52
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	2.32	2.33	2.22	2.26	2.26	2.17
Machinery (except electrical).....	2.44	2.44	2.34	2.38	2.37	2.30
Electrical machinery.....	2.21	2.20	2.12	2.15	2.14	2.10
Transportation equipment.....	2.62	2.66	2.46	2.54	2.54	2.41
Instruments and related products.....	2.25	2.24	2.15	2.19	2.18	2.11
Miscellaneous manufacturing industries.....	1.90	1.88	1.85	1.84	1.82	1.81
<i>Nondurable Goods</i>						
Food and kindred products.....	2.09	2.06	2.01	2.01	1.98	1.94
Tobacco manufactures.....	1.64	1.65	1.56	1.61	1.62	1.53
Textile-mill products.....	1.53	1.52	1.50	1.48	1.47	1.47
Apparel and other finished textile products.....	1.53	1.52	1.51	1.51	1.49	1.49
Paper and allied products.....	2.16	2.15	2.08	2.06	2.05	1.99
Printing, publishing, and allied industries ^{2/}	2.63	2.65	2.54			
Chemicals and allied products.....	2.37	2.36	2.27	2.30	2.30	2.22
Products of petroleum and coal.....	2.78	2.77	2.72	2.73	2.72	2.68
Rubber products.....	2.43	2.45	2.29	2.35	2.34	2.25
Leather and leather products.....	1.60	1.59	1.56	1.57	1.56	1.54

1/ Derived by assuming that the overtime hours shown in table C-2 are paid at the rate of time and one-half.

2/ Average hourly earnings, excluding overtime, are not available separately for the printing, publishing, and allied industries group, as graduated overtime rates are found to an extent likely to make average overtime pay significantly above time and one-half. Inclusion of data for the group in the nondurable-goods total has little effect.

NOTE: Data for the current month are preliminary.

**Table C-8: Hours and gross earnings of production workers in manufacturing,
by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
ALABAMA.....	\$72.52	\$74.37	\$67.69	39.2	40.2	37.4	\$1.85	\$1.85	\$1.81
Birmingham.....	93.77	95.27	92.12	39.4	40.2	39.2	2.38	2.37	2.35
Mobile.....	85.17	83.89	79.97	39.8	39.2	37.9	2.14	2.14	2.11
ARIZONA.....	96.29	97.47	90.94	40.8	41.3	40.6	2.36	2.36	2.24
Phoenix.....	97.99	97.10	90.94	41.0	40.8	40.6	2.39	2.38	2.24
ARKANSAS *.....	(1)	59.80	57.96	(1)	39.6	38.9	(1)	1.51	1.49
Little Rock-N. Little Rock.....	60.15	59.30	57.28	40.1	39.8	39.5	1.50	1.49	1.45
CALIFORNIA.....	100.00	101.75	93.60	40.0	40.7	39.0	2.50	2.50	2.40
Fresno.....	79.56	78.84	74.34	36.0	36.5	34.9	2.21	2.16	2.13
Los Angeles-Long Beach.....	100.44	101.27	94.01	40.5	41.0	39.5	2.48	2.47	2.38
Sacramento.....	111.24	112.67	104.75	41.2	42.2	41.9	2.70	2.67	2.50
San Bernardino-Riverside-Ontario.....	101.71	102.06	95.20	40.2	40.5	39.5	2.53	2.52	2.41
San Diego.....	105.11	105.47	98.71	40.9	41.2	41.3	2.57	2.56	2.39
San Francisco-Oakland.....	103.35	104.41	95.88	39.0	39.4	38.2	2.65	2.65	2.51
San Jose.....	105.37	104.65	90.72	41.0	41.2	37.8	2.57	2.54	2.40
Stockton.....	94.96	94.07	85.65	39.9	40.2	37.4	2.38	2.34	2.29
COLORADO.....	94.13	94.85	86.98	40.4	41.6	39.9	2.33	2.28	2.18
Denver 2/.....	94.83	95.63	86.94	40.7	41.4	39.7	2.33	2.31	2.19
CONNECTICUT *.....	(1)	90.80	83.28	(1)	40.9	39.1	(1)	2.22	2.13
Bridgeport *.....	(1)	94.76	85.85	(1)	41.2	39.2	(1)	2.30	2.19
Hartford *.....	(1)	92.52	85.03	(1)	40.4	38.3	(1)	2.29	2.22
New Britain *.....	(1)	86.69	78.69	(1)	40.7	38.2	(1)	2.13	2.06
New Haven *.....	(1)	87.29	80.55	(1)	40.6	39.1	(1)	2.15	2.06
Stamford *.....	(1)	96.37	90.50	(1)	41.9	40.4	(1)	2.30	2.24
Waterbury *.....	(1)	94.08	84.89	(1)	42.0	39.3	(1)	2.24	2.16
DELAWARE.....	88.48	86.19	83.16	39.5	39.0	38.5	2.24	2.21	2.16
Wilmington.....	99.75	96.11	92.25	39.9	38.6	38.6	2.50	2.49	2.39
DISTRICT OF COLUMBIA:									
Washington.....	93.85	96.15	89.44	39.6	40.4	39.4	2.37	2.38	2.27
FLORIDA.....	71.48	70.62	67.56	41.8	41.3	40.7	1.71	1.71	1.66
Jacksonville.....	74.24	76.07	68.94	39.7	40.9	38.3	1.87	1.86	1.80
Miami.....	71.46	70.64	66.97	40.6	40.6	40.1	1.76	1.74	1.67
Tampa-St. Petersburg.....	70.30	68.71	66.80	41.6	40.9	40.0	1.69	1.68	1.67
GEORGIA.....	62.96	64.62	59.14	40.1	40.9	38.4	1.57	1.58	1.54
Atlanta 2/.....	79.79	83.82	73.88	40.5	41.7	39.3	1.97	2.01	1.88
Savannah.....	84.15	85.02	79.15	42.5	42.3	40.8	1.98	2.01	1.94
IDAHO.....	87.70	86.90	85.90	40.6	40.8	41.1	2.16	2.13	2.09
ILLINOIS *.....	(1)	94.10	87.91	(1)	40.3	39.1	(1)	2.33	2.25
Chicago *.....	(1)	99.49	91.41	(1)	40.5	38.8	(1)	2.46	2.36
Peoria *.....	(1)	101.58	91.44	(1)	40.2	39.0	(1)	2.53	2.34
Rockford *.....	(1)	96.12	89.30	(1)	41.4	40.4	(1)	2.32	2.21
INDIANA *.....	(1)	99.98	89.11	(1)	41.1	38.8	(1)	2.43	2.30
IOWA *.....	(1)	90.63	84.11	(1)	40.6	39.8	(1)	2.23	2.12
Des Moines.....	97.14	91.90	89.43	39.4	38.6	39.0	2.47	2.38	2.29

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

**Table C-8: Hours and gross earnings of production workers in manufacturing,
by State and selected areas-Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
KANSAS.....	\$93.67	\$95.39	\$90.30	41.1	41.8	41.2	\$2.28	\$2.28	\$2.19
Topeka *.....	(1)	98.27	82.46	(1)	42.7	38.9	(1)	2.30	2.12
Wichita.....	97.84	99.51	94.91	40.5	41.0	41.8	2.42	2.42	2.27
KENTUCKY.....	81.00	81.39	77.01	40.5	40.9	39.9	2.00	1.99	1.93
Louisville.....	92.64	94.09	89.38	41.3	41.8	40.7	2.24	2.25	2.20
LOUISIANA.....	83.42	82.60	81.00	40.3	41.3	39.9	2.07	2.00	2.03
Baton Rouge.....	108.81	110.95	106.27	40.6	41.4	40.1	2.68	2.68	2.65
New Orleans.....	84.77	83.37	79.78	39.8	39.7	39.3	2.13	2.10	2.03
Shreveport.....	82.15	79.58	76.11	41.7	40.6	40.7	1.97	1.96	1.87
MAINE.....	68.82	69.07	65.76	41.3	41.3	40.0	1.67	1.67	1.64
Lewiston-Auburn 2/.....	59.19	60.41	55.40	39.5	40.0	37.2	1.50	1.51	1.49
Portland.....	74.31	73.50	72.54	40.3	40.3	40.8	1.84	1.83	1.78
MARYLAND.....	87.96	89.51	83.13	39.8	40.5	39.4	2.21	2.21	2.11
Baltimore.....	93.67	95.53	87.30	40.2	41.0	39.5	2.33	2.33	2.21
MASSACHUSETTS.....	80.00	79.80	73.92	40.0	40.1	38.5	2.00	1.99	1.92
Boston.....	84.93	86.80	79.54	39.5	40.0	38.8	2.15	2.17	2.05
Fall River.....	58.99	57.78	56.06	37.1	36.8	36.4	1.59	1.57	1.54
New Bedford.....	63.47	62.27	59.84	38.7	38.2	37.4	1.64	1.63	1.60
Springfield-Holyoke.....	86.07	85.26	80.17	40.6	40.6	39.3	2.12	2.10	2.04
Worcester.....	87.42	88.26	77.65	40.1	40.3	36.8	2.18	2.19	2.11
MICHIGAN.....	106.41	110.02	93.97	40.8	41.5	38.2	2.61	2.65	2.46
Detroit.....	112.67	110.72	97.73	41.0	39.5	37.5	2.75	2.80	2.61
Flint.....	109.23	137.24	97.94	40.1	46.6	38.5	2.72	2.95	2.54
Grand Rapids.....	98.10	100.28	89.48	40.9	41.8	39.4	2.40	2.40	2.27
Lansing.....	111.03	125.66	100.76	40.7	44.8	39.7	2.73	2.81	2.54
Muskegon-Muskegon Heights.....	97.40	98.70	93.61	39.4	39.4	39.2	2.47	2.51	2.39
Saginaw.....	106.77	111.70	87.85	42.1	42.7	37.4	2.54	2.62	2.35
MINNESOTA.....	90.31	90.98	86.38	40.0	40.7	39.6	2.26	2.24	2.18
Duluth.....	96.15	96.62	88.87	38.1	38.4	37.3	2.52	2.52	2.38
Minneapolis-St. Paul 2/.....	93.28	94.01	87.78	40.1	40.5	39.4	2.33	2.32	2.23
MISSISSIPPI.....	60.79	61.80	55.54	40.8	41.2	38.3	1.49	1.50	1.45
Jackson.....	65.77	67.72	62.25	40.6	41.8	39.4	1.62	1.62	1.58
MISSOURI.....	83.79	88.90	78.29	39.5	41.5	38.6	2.12	2.14	2.03
Kansas City.....	96.79	100.34	88.69	41.2	42.2	39.7	2.35	2.38	2.23
St. Louis *.....	(1)	94.23	86.83	(1)	40.4	39.2	(1)	2.33	2.21
MONTANA.....	97.00	95.87	86.79	41.1	41.5	37.9	2.36	2.31	2.29
NEBRASKA.....	84.49	83.69	77.99	42.0	42.2	40.6	2.01	1.98	1.92
Omaha.....	91.62	90.20	82.89	42.4	42.4	40.5	2.16	2.13	2.05
NEVADA.....	108.65	107.27	101.38	41.0	41.1	39.6	2.65	2.61	2.56
NEW HAMPSHIRE.....	68.38	67.30	64.62	40.7	40.3	39.4	1.68	1.67	1.64
Manchester.....	63.27	63.20	60.83	39.3	39.5	38.5	1.61	1.60	1.58

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

**Table C-8: Hours and gross earnings of production workers in manufacturing,
by State and selected areas-Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
NEW JERSEY.....	\$90.67	\$90.88	\$84.83	40.1	40.3	39.0	\$2.26	\$2.26	\$2.17
Newark-Jersey City 3/.....	92.44	92.24	86.32	40.4	40.6	38.9	2.29	2.27	2.22
Paterson 3/.....	89.43	90.29	82.20	40.3	40.6	38.5	2.22	2.22	2.13
Perth Amboy 3/.....	93.63	94.37	88.02	40.2	40.4	39.4	2.33	2.34	2.23
Trenton.....	91.31	90.53	85.38	40.6	40.2	39.6	2.25	2.25	2.16
NEW MEXICO.....	81.19	86.73	84.23	39.8	42.1	41.7	2.04	2.06	2.02
Albuquerque.....	85.68	92.88	89.46	40.8	43.4	42.2	2.10	2.14	2.12
NEW YORK.....	86.13	85.96	81.60	39.0	39.4	38.1	2.21	2.18	2.14
Albany-Schenectady-Troy.....	93.68	96.55	91.63	39.2	40.0	39.8	2.39	2.41	2.30
Binghamton.....	79.36	78.49	74.04	39.1	38.9	38.1	2.03	2.02	1.95
Buffalo.....	103.16	104.22	96.24	39.9	40.5	39.1	2.59	2.57	2.46
Elmira.....	83.85	87.60	80.38	39.3	40.8	38.8	2.14	2.14	2.07
M Nassau-Suffolk Counties 3/.....	96.05	92.32	88.21	40.9	40.0	39.7	2.35	2.31	2.22
New York-Northeastern New Jersey.....	86.58	86.07	81.00	39.0	39.3	37.5	2.22	2.19	2.16
New York City 3/.....	82.12	81.39	78.64	37.9	38.3	37.0	2.17	2.12	2.13
Rochester.....	93.70	95.13	87.75	40.0	40.6	38.8	2.34	2.34	2.26
Syracuse.....	93.32	92.54	85.20	40.7	40.4	39.5	2.29	2.29	2.16
Utica-Rome.....	82.90	84.14	81.13	39.7	40.3	39.6	2.09	2.09	2.05
Westchester County 3/.....	87.28	92.19	77.27	39.5	40.8	37.2	2.21	2.26	2.08
NORTH CAROLINA.....	58.07	56.09	53.86	39.5	37.9	37.4	1.47	1.48	1.44
Charlotte.....	64.87	65.99	61.45	40.8	41.5	39.9	1.59	1.59	1.54
Greensboro-High Point.....	54.91	55.06	52.93	37.1	37.2	36.5	1.48	1.48	1.45
NORTH DAKOTA.....	80.08	82.56	78.27	40.4	42.0	41.2	1.98	1.97	1.90
Fargo.....	89.64	85.36	83.96	39.8	39.4	39.4	2.25	2.17	2.13
OHIO.....	99.91	101.19	90.42	40.1	40.6	38.4	2.49	2.49	2.35
Akron.....	102.74	105.75	92.61	38.4	39.4	36.6	2.68	2.68	2.53
Canton.....	101.92	104.85	89.30	39.2	40.5	36.7	2.60	2.59	2.43
Cincinnati.....	91.85	94.20	85.79	40.0	41.0	39.6	2.30	2.30	2.17
Cleveland.....	103.35	103.71	92.31	40.4	40.7	38.4	2.56	2.55	2.40
Columbus.....	96.10	97.82	87.93	40.7	41.0	39.2	2.36	2.39	2.24
Dayton.....	106.50	111.29	99.06	40.6	41.9	39.6	2.62	2.66	2.50
Toledo.....	104.69	103.42	97.26	40.1	39.9	38.9	2.61	2.59	2.50
Youngstown.....	114.08	112.29	96.40	39.6	38.9	35.5	2.88	2.89	2.72
OKLAHOMA.....	84.05	84.23	80.20	41.2	41.7	39.9	2.04	2.02	2.01
Oklahoma City 2/.....	77.11	77.08	78.21	40.8	41.0	41.6	1.89	1.88	1.88
Tulsa.....	92.21	91.88	86.80	40.8	41.2	39.1	2.26	2.23	2.22
OREGON.....	92.37	95.44	89.12	37.7	38.5	37.7	2.45	2.48	2.36
Portland.....	92.84	93.49	88.30	38.3	38.3	37.8	2.42	2.44	2.34
PENNSYLVANIA.....	85.75	85.80	80.77	38.8	39.0	38.1	2.21	2.20	2.12
Allentown-Bethlehem-Easton.....	75.96	78.70	77.54	36.0	37.3	37.1	2.11	2.11	2.09
Erie.....	93.37	93.26	87.86	39.9	40.2	39.4	2.34	2.32	2.23
Harrisburg.....	71.44	72.01	70.31	38.0	37.9	37.6	1.88	1.90	1.87
Lancaster.....	76.33	77.08	71.28	40.6	41.0	39.6	1.88	1.88	1.80
Philadelphia.....	88.88	89.38	84.46	39.5	39.9	39.1	2.25	2.24	2.16
Pittsburgh.....	108.50	106.35	95.00	39.6	39.1	37.4	2.74	2.72	2.54
Reading.....	77.81	76.63	70.86	39.7	39.5	38.3	1.96	1.94	1.85
Scranton.....	63.92	63.54	61.88	37.6	37.6	37.5	1.70	1.69	1.65
Wilkes-Barre-Hazleton.....	58.81	59.01	57.72	36.3	36.2	37.0	1.62	1.63	1.56
York.....	76.82	75.52	71.38	41.3	40.6	40.1	1.86	1.86	1.78

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

**Table C-8: Hours and gross earnings of production workers in manufacturing,
by State and selected areas-Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958	Jan. 1959	Dec. 1958	Jan. 1958
RHODE ISLAND.....	\$67.47	\$69.49	\$66.86	40.4	40.4	39.1	\$1.67	\$1.72	\$1.71
Providence.....	71.28	71.46	67.82	40.5	40.6	39.2	1.76	1.76	1.73
SOUTH CAROLINA.....	59.71	58.11	56.84	40.9	39.8	39.2	1.46	1.46	1.45
Charleston.....	73.22	68.38	71.06	41.6	39.3	42.3	1.76	1.74	1.68
SOUTH DAKOTA.....	94.03	91.56	80.77	48.1	47.2	43.9	1.95	1.94	1.84
Sioux Falls.....	107.57	103.38	89.03	50.9	49.4	44.5	2.11	2.09	2.00
TENNESSEE*	(1)	68.03	63.71	(1)	39.1	37.7	(1)	1.74	1.69
Chattanooga*.....	(1)	74.89	68.71	(1)	40.7	38.6	(1)	1.84	1.78
Knoxville*.....	(1)	83.60	79.49	(1)	40.0	38.4	(1)	2.09	2.07
Memphis*.....	(1)	73.97	72.56	(1)	40.2	38.8	(1)	1.84	1.87
Nashville*.....	(1)	74.34	67.77	(1)	40.4	39.4	(1)	1.84	1.72
TEXAS.....	87.14	87.14	84.86	41.3	41.3	40.8	2.11	2.11	2.08
Dallas.....	82.12	82.15	78.96	41.9	41.7	40.7	1.96	1.97	1.94
Fort Worth.....	98.80	100.69	91.48	40.0	40.6	40.3	2.47	2.48	2.27
Houston.....	99.84	100.19	97.53	41.6	41.4	40.3	2.40	2.42	2.42
San Antonio.....	64.00	64.40	64.32	40.0	40.0	40.2	1.60	1.61	1.60
UTAH*.....	(1)	95.27	90.79	(1)	40.2	38.8	(1)	2.37	2.34
Salt Lake City*.....	(1)	92.77	85.75	(1)	41.6	39.7	(1)	2.23	2.16
VERMONT.....	72.17	72.68	67.86	41.2	41.7	39.9	1.75	1.74	1.70
Burlington.....	75.73	74.68	69.84	41.8	41.4	40.1	1.81	1.80	1.74
Springfield.....	84.40	82.74	77.53	41.3	40.8	38.9	2.04	2.03	1.99
VIRGINIA.....	67.54	67.54	64.18	40.2	40.2	38.9	1.68	1.68	1.65
Norfolk-Portsmouth.....	75.33	73.54	70.13	40.5	38.3	39.4	1.86	1.92	1.78
Richmond.....	74.61	76.57	73.89	39.9	40.3	40.6	1.87	1.90	1.82
WASHINGTON.....	97.02	99.18	91.87	38.5	39.2	38.6	2.52	2.53	2.38
Seattle.....	96.13	99.54	90.86	38.3	39.5	38.5	2.51	2.52	2.36
Spokane.....	97.24	103.75	95.73	37.4	39.6	38.6	2.60	2.62	2.48
Tacoma.....	94.00	96.36	88.69	37.6	38.7	37.9	2.50	2.49	2.34
WEST VIRGINIA.....	90.79	91.18	83.38	38.8	39.3	37.9	2.34	2.32	2.20
Charleston.....	110.70	110.03	103.86	40.7	40.6	40.1	2.72	2.71	2.59
Wheeling-Steubenville.....	103.74	103.33	86.62	38.0	38.7	35.5	2.73	2.67	2.44
WISCONSIN.....	93.08	93.02	85.85	41.2	41.3	39.7	2.26	2.25	2.16
Kenosha.....	119.26	115.76	90.59	44.6	43.5	38.8	2.67	2.66	2.34
La Crosse.....	87.93	88.27	85.68	39.5	39.8	38.6	2.23	2.22	2.22
Madison.....	97.29	102.05	91.26	39.4	40.8	38.8	2.47	2.50	2.35
Milwaukee.....	99.83	98.89	93.17	40.4	40.3	39.3	2.47	2.46	2.37
Racine.....	96.14	94.24	90.71	40.4	40.1	39.6	2.38	2.35	2.29
WYOMING.....	95.04	94.60	98.09	39.6	40.6	40.2	2.40	2.33	2.44
Casper.....	114.65	112.22	115.20	39.4	39.1	40.0	2.91	2.87	2.88

* 1945 Standard Industrial Classification. (See Announcement on page iii.)

1/ Not available.

2/ Area definition revised as follows:

Denver..... Adams, Arapahoe, Boulder, Denver, and Jefferson Counties.

Atlanta..... Clayton, Cobb, DeKalb, Fulton, and Gwinnett Counties.

Lewiston-Auburn..... Auburn, Lewiston, and Lisbons towns in Androscoggin County.

Minneapolis-St. Paul..... Anoka, Dakota, Hennepin, Ramsey, and Washington Counties.

Oklahoma City..... Cleveland and Oklahoma Counties.

3/ Subarea of New York-Northeastern New Jersey.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

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- ARKANSAS - Employment Security Division, Department of Labor, Little Rock.
- CALIFORNIA - Research and Statistics, Department of Employment, Sacramento 14.
- CONNECTICUT - Employment Security Division, Department of Labor, [Hartford] 15.
- DELAWARE - Unemployment Compensation Commission, Wilmington 99.
- DISTRICT OF COLUMBIA - U. S. Employment Service for D. C., Washington 25.
- FLORIDA - Industrial Commission, Tallahassee.
- GEORGIA - Employment Security Agency, Department of Labor, Atlanta 3.
- IDAHO - Employment Security Agency, Boise.
- INDIANA - Employment Security Division, Indianapolis 25.
- KANSAS - Employment Security Division, Department of Labor, Topeka.
- KENTUCKY - Bureau of Employment Security, Department of Economic Security, Frankfort.
- LOUISIANA - Division of Employment Security, Department of Labor, Baton Rouge 4.
- MAINE - Employment Security Commission, Augusta.
- MARYLAND - Department of Employment Security, Baltimore 1.
- MASSACHUSETTS - Research and Statistics, Division of Employment Security, Boston 15.
- MINNESOTA - Department of Employment Security, St. Paul 1.
- MISSISSIPPI - Employment Security Commission, Jackson.
- MISSOURI - Division of Employment Security, Jefferson City.
- NEVADA - Employment Security Department, Carson City.
- NEW HAMPSHIRE - Department of Employment Security, Concord.
- NEW MEXICO - Employment Security Commission, Albuquerque.
- NEW YORK - Bureau of Research and Statistics, Division of Employment, State Department of Labor, 500 Eighth Avenue, New York 18.
- NORTH CAROLINA - Bureau of Research and Statistics, Employment Security Commission, Raleigh.
- NORTH DAKOTA - Unemployment Compensation Division, Workmen's Compensation Bureau, Bismarck.
- OKLAHOMA - Employment Security Commission, Oklahoma City 2.
- OREGON - Unemployment Compensation Commission, Salem.
- RHODE ISLAND - Department of Employment Security, Providence 3.
- SOUTH CAROLINA - Employment Security Commission, Columbia 1.
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- TEXAS - Employment Commission, Austin 19.
- VERMONT - Unemployment Compensation Commission, Montpelier.
- WASHINGTON - Employment Security Department, Olympia.
- WEST VIRGINIA - Department of Employment Security, Charleston 5.

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