

**NOVEMBER 1959**

# **SURVEY OF CURRENT BUSINESS**

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**U.S. DEPARTMENT OF COMMERCE  
OFFICE OF BUSINESS ECONOMICS**

# SURVEY OF CURRENT BUSINESS

Vol. 39



No. 11

NOVEMBER 1959

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# The Business Situation

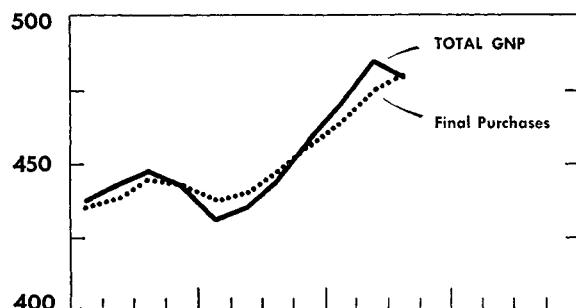


By the Office of Business Economics

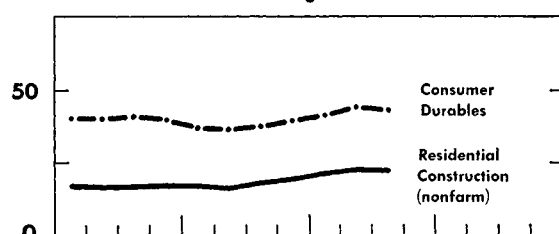
## Gross National Product

Final demand continues up—  
Total off as inventory rise halts

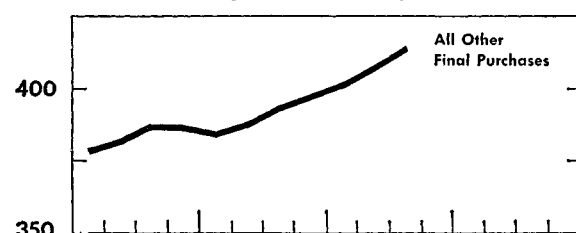
Billion Dollars



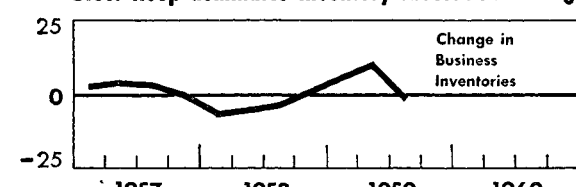
Some decline in these segments . . .



but other final purchases are higher



Steel tieup dominates inventory investment change



Quarterly Totals, Seasonally Adjusted, at Annual Rates

U. S. Department of Commerce, Office of Business Economics

59-11-1

A FEATURE of the business situation in October was the rise in retail sales resulting from a spurt in automobile sales under the stimulus afforded by the 1960 model cars. This rapid advance was temporary since new car production was sharply reduced after mid-October as steel supplies ran out. The October rise in retail trade brought the total up to about the July seasonally-adjusted rate as the declines of August and September were made up. Retail sales other than those of automotive dealers were steady in October, after having drifted down 1½ percent from the July peak. Both non-durables and durables other than the automotive group were lower in October than in July.

Overall economic activity in October was little changed from September as cross currents again characterized this month. Industrial activity sagged further as depletions of inventories forced output and employment curtailments in metal-using industries. The modest October decline in non-farm employment was centered in these industries, and layoffs were rising when the steel injunction became effective following the decision of the Supreme Court on November 7.

## Personal income and employment

Personal income in October was up somewhat from that of August and September. A moderate decline in wage and salary disbursements was more than offset by small increases scattered elsewhere in other types of income.

The drop in seasonally adjusted nonfarm employment in October lowered the total back to that of August. Non-manufacturing employment has continued to show little change, following the gradual rise during the first half of the year.

In the latter part of October and in early November, additional layoffs developed, as production cutbacks resulting from the lack of materials became more widespread. Initial claims for unemployment compensation rose in the final 2 weeks before steel operations were resumed. The resumption of work in the steel industry raised employment also on the railroads and in the mines.

While rapid initial progress was made in stepping up steel activity, many steel-consuming industries had practically run out of steel or had exhausted some essential types; in these instances, further curtailment of production is necessary before the renewed flow of steel reaches volume proportions and regularizes operations.

## Nonfood prices up

Consumer prices in September inched up and the index at 125.2 (1947-49=100) was a little more than 1 percent above a year ago, with lower food prices partially offsetting a quite

general rise in other goods and services. Commodity prices as a group were up a little from a year ago with nondurable goods prices little changed as a drop in food prices offset moderate increases elsewhere. Durable goods prices in September were up more than 2 percent from last September.

Wholesale prices have risen only a little in the past year as a decline in farm products and processed foods offset a rise of 1.7 percent in industrial prices. Higher prices prevailed in leather products, lumber and wood products, and the machinery and motive groups.

### MOVEMENT OF MANUFACTURERS' SALES AND INVENTORIES

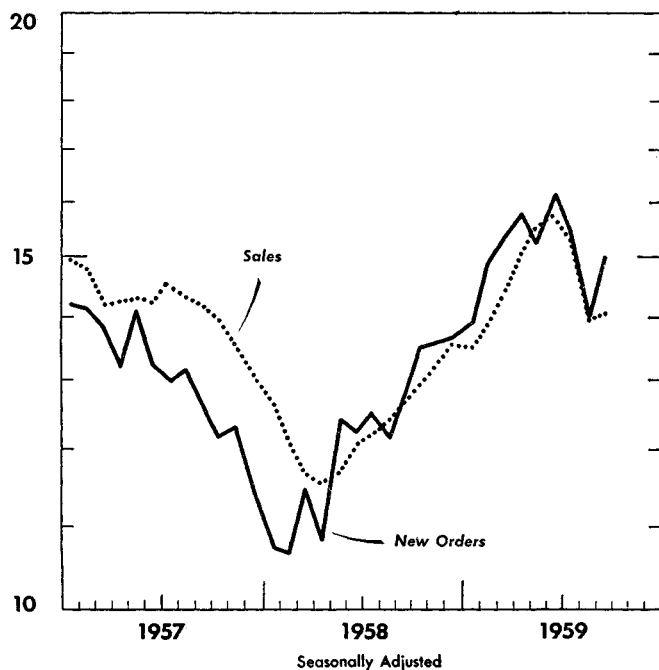
Since midsummer manufacturers have been drawing on inventories to meet their somewhat reduced sales. The recent easing of sales followed the peak of June when they topped the previous high of January 1957 by 4 percent in value and about 2 percent in volume.

Manufacturers' sales in the third quarter fell 3 percent below the record second quarter seasonally adjusted rate; the decline was entirely in durable goods. The reduction centered in July and August when activity lagged as the impact of the loss in steel output and retooling in the automobile industry for the new models began. While deliveries improved in September they still were not back to the June rate and continued in restricted volume in October.

Durable goods companies reported a September firming in sales—partly supported by reducing stocks, while nondurable goods firms reported another high. Producers of motor vehicles, machinery, and fabricated metal products stepped up shipments from August to September, after seasonal allowances. The improvement in September was sufficient to bring both electrical and nonelectrical machinery sales for the third quarter as a whole well above the previous quarter.

### Durable Goods Manufacturers' Sales and New Orders

Billion Dollars (ratio scale)



U. S. Department of Commerce, Office of Business Economics

59-11-2

Auto output was sharply higher in October as the assembly of 1960 models went into high gear; at month's end, however, most companies were curtailing operations due to steel shortages. In the first week of November assemblies were down to 65,000 from the top of 134,000 in the week of October 17.

The nondurable goods manufacturing industries have provided a strong buffer in the recent situation. During the third quarter deliveries advanced slightly over the second quarter total. Particularly impressive in the September sales picture were the advances in the paper, chemical, petroleum, and rubber industries.

### Manufacturers' orders strong

Restrictions on manufacturers' deliveries arise from shortages of materials rather than market weakness. New orders placed with manufacturers dipped 3 percent from the second to third quarter, seasonally adjusted, but third quarter orders received by other than primary metal firms held at the second quarter high.

In the volatile durable goods sector, orders declined in July and August and the September rise was of limited significance as a business indicator. The rise registered in nonelectrical machinery, heavy electrical apparatus, and radio-electronics-communication equipment was, however, noteworthy.

Nonelectrical machinery orders made an especially good showing after a temporary setback in August. Both the industrial and the nonindustrial machinery groups participated, although in the former group, which includes metalworking, special and general industry machinery, recent orders were under 1956 highs. For nonindustrial equipment producers—recent rates of incoming business surpassed earlier highs.

The relatively weaker orders position in the transportation equipment group since midyear is attributable to the reduced volume of defense contracts placed rather than to the ordering of motor vehicles or other civilian goods produced in this industry. The lowered defense ordering in the third quarter is apparently a temporary decline as fiscal 1960 programs underwent a thorough review.

### Current inventory position

The fluctuation in inventories which was the dominating factor in the movement of the gross national product since midyear is reviewed in the section on national income and product. Certain of the details in manufacturing are covered here.

Table 1.—Percentage Changes in Manufacturers' Sales and New Orders<sup>1</sup> Quarterly, 1959

	Changes from Preceding Quarter					
	Sales			New Orders		
	I	II	III	I	II	III
All manufacturing.....	4	8	-3	5	5	—
Except primary metals..	3	7	2	3	7	—
Durable goods.....	5	11	-6	8	6	—
Except primary metals..	4	10	3	5	11	—
Primary metals.....	10	18	-47	26	-9	-2
Fabricated metals.....	-1	10	2	3	5	—
Electrical machinery.....	-1	5	6	-2	5	—
Nonelectrical machinery.....	7	12	4	16	13	—
Transportation equipment.....	8	9	4	8	16	-1
Other durables.....	2	11	1	-2	10	—
Nondurable goods.....	2	4	1	2	4	—

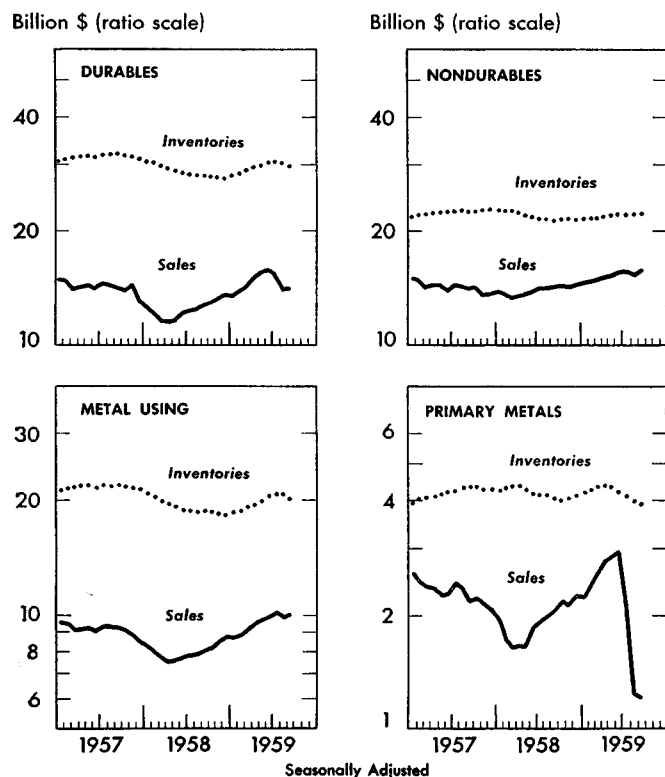
1. Based on seasonally adjusted data.

Source: U.S. Department of Commerce, Office of Business Economics.



Steel and its products comprise only a part—albeit an important one—of manufacturers' total inventories. In recent months an accumulation of non-steel items has apparently occurred—especially among producers affected by bottlenecks arising from steel shortages. This accumulation kept the overall inventory reduction of manufacturers to moderate proportions during the third quarter. Imbalances in the recent composition of factory stocks constitute a greater hindrance to high activity than might be indicated by the magnitude of current changes.

## Manufacturers' Inventories and Sales



Note: Sales are total for month; inventories are book value at end of month

U. S. Department of Commerce, Office of Business Economics

59-11-3

The pattern of inventory movements this year has received its impress primarily from the durable goods industries. Heavy goods producers accounted for four-fifths of the rise in book values of factory inventories during the first two quarters of 1959 and all of the third-quarter reduction.

The expansion in durable goods inventories did not match the rise in deliveries during the first half. In fact in some areas, sales picked up so rapidly that desired inventory building was difficult. By midyear, the inventory-sales ratio for the group was 1.9—the lower limit of the range of such ratios for the postwar period, except for a short period early in the Korean conflict. A somewhat low inventory position is also indicated by the postwar relationship of stocks to sales (after allowance for the typical lag).

Some light on this year's shifts in composition of durable-goods producers' inventories is shed by data on three broad categories of stocks by stage of fabrication. Purchased materials accounted for nearly three-fifths of the book value rise in the first 6 months of 1959, while the other category of working stocks—goods-in-process—accounted for another fifth. Since the onset of the steel work stoppage, all the liquidation of stocks by durable goods producers has centered on purchased materials. Goods-in-process and holdings of

finished goods showed little change over the summer. In some cases, of course, manufacturers do not normally carry stocks of completed products. Stocks of automobiles, for example, are held by retailers.

Inventory investment by nondurable goods companies has represented one of the more stable elements of demand this year. The growth did not keep pace with the sales advance: at 1.4 the stock-sales ratio this fall was lower than at the start of the year and could be considered on the low side by postwar standards.

Among the soft-goods industries, the moderate accumulation during the first half centered in purchased materials. In the third quarter the small increase occurred in goods-in-process and finished goods.

## Variations by industries

Within the framework of the general trends in manufacturers' sales and inventories, there have been substantial differences in developments within industries—depending in large part upon the degree of reliance on steel. Sales of primary metal producers, of course, declined precipitously in the third quarter. Prior to this period, this group's shipments had shown a larger rate of advance from the 1958 low than any other major durable goods industry (see chart). Since late 1958 shipments had been enlarged by the efforts of customers to hedge against possible shortages.

Of interest is the moderate but definite uptrend in inventories held by primary metals producers through mid-1959. The substantial inventory liquidation in durables during 1958 scarcely touched this industry except for mild reductions in book values for a few months around midyear. Liquidation started last May and amounted to about 10 percent by the end of September.

Among the metal-using industries—fabricated metals, machinery, and transportation equipment—shipments peaked in July and were about 2 percent lower, on a seasonally adjusted basis, in the August–September period. There has been a strong upsweep in sales by these industries since the beginning of the recovery period in early 1958.

Current markets for business equipment, automobiles, and other consumers' durables are quite strong, though because of the steel strike it will not be until further along in the

Table 2.—Manufacturers' Inventory-Sales Ratios<sup>1</sup>

	1956	1957	1958	1959	
	Sept.	Sept.	Sept.	June	Sept.
All manufacturing industries.....	1.87	1.92	1.84	1.69	1.75
All manufacturing except primary metals.....	1.90	1.91	1.83	1.69	1.68
Durable goods industries.....	2.19	2.25	2.20	1.92	2.11
Durable goods except primary metals.....	2.32	2.30	2.25	2.02	2.00
Purchased materials.....	.61	.60	.59	.56	.59
Goods-in-process.....	.92	.95	.89	.75	.84
Finished goods.....	.66	.70	.72	.60	.67
Nondurable goods industries.....	1.56	1.59	1.51	1.42	1.42
Purchased materials.....	.62	.63	.61	.58	.58
Goods-in-process.....	.21	.21	.21	.20	.20
Finished goods.....	.73	.75	.69	.64	.65
Primary metals.....	1.58	1.99	1.96	1.44	3.28
Fabricated metals.....	2.08	2.02	1.78	1.91	1.74
Machinery.....	2.49	2.47	2.27	2.13	2.07
Transportation equipment.....	2.70	2.36	2.77	2.08	2.01
Food, beverage tobacco.....	1.51	1.44	1.37	1.34	1.35
Paper.....	1.54	1.51	1.48	1.43	1.39
Chemicals.....	1.87	1.92	1.81	1.77	1.84
Petroleum.....	1.20	1.28	1.14	1.09	.99
Rubber.....	2.25	2.23	2.21	1.95	2.18

1. Based on seasonally adjusted data.

Source: U.S. Department of Commerce Office of Business Economics.

model year that a gage of basic market demand in autos, e.g., will be obtained.

The drawing down of stocks of durable goods in August and September occurred primarily in the fabricated metals group, among suppliers of structural steel products, plumbing and heating equipment, cans and other metal containers. By the end of the quarter machinery and transportation equipment companies had made only moderate reductions in stocks, although imbalances were more seriously threatening near-term operations. By early November, shortages had eroded production schedules on a broader front.

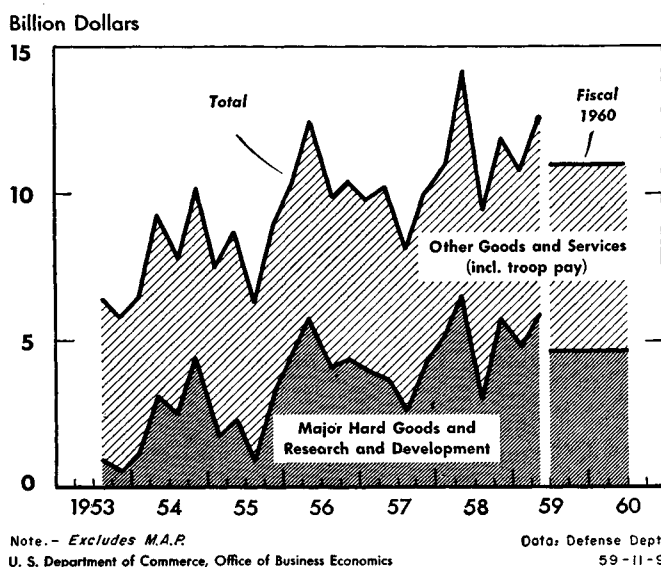
## AIRCRAFT AND MISSILES

The preceding review has traced the short-term movement of manufacturing sales. In the following, a somewhat longer perspective is given for one major industry.

Among the many shifts that are underway in the economy are those in the aircraft industry. These have resulted from the changing character of procurement by the military services and by the jet-purchasing program of the civil airlines—both domestic and foreign.

### Military Obligations of Defense Department

Quarterly totals, and average of fiscal 1960 budget



Total defense obligations for military functions are given by quarters in the accompanying chart. These turned upward following the decline in 1957 and have remained high through the first half of this year. During the fiscal year that began in July, obligations are expected to average a bit lower. Major hard goods, including research and development, make up about 40 percent of obligations and account for relatively more of the year-to-year change.

In recent years major shifts have occurred in the kinds of products comprising hard goods. A considerable decrease in purchases of motor vehicles, ammunition, and productive facilities occurred a few years ago, as indicated by the trend in expenditures on other hard goods shown in the accompanying chart. Such expenditures are currently rather stable.

Expenditures on aircraft and missiles exhibit a different pattern. Between fiscal 1954 and 1959, aircraft purchases

were greater than outlays on all other types of major hard goods. The prospect of a further decline in expenditures on aircraft in 1960 together with a further rise in purchases of missiles marks a change in this expenditure pattern. The rise in missile purchases from \$1.2 billion in 1956 to a projected \$3.9 billion in fiscal 1960 is indicative of the emphasis being placed on this procurement program.

### Military contracts

A number of durable goods industries have significant roles in defense procurement programs through both prime and sub-contracts. A larger volume of military prime contracts is awarded to manufacturers of complete aircraft and engines than to any other industrial group. Of the prime contracts valued at \$10,000 or more awarded in 1958 (which includes purchases of soft and hard goods, construction and services), half represented commitments for the procurement of aircraft and missiles. Most of the latter were let to the aircraft industry.

Orders from the military agencies represent about 80 percent of the business of aircraft producers. With increased emphasis on unmanned aircraft, the industry has devoted a rising share of its resources to the development and production of such craft.

The broad shifts within the aircraft group may be seen in the charting of sales and orders for makers of complete airplanes, engines and propellers. New orders as reported by the Bureau of the Census for the same group of companies are presented in the accompanying text table by half year periods.

One of the characteristics of the aircraft industry is the long lead time involved in production. A consequence of this is that in the short-run new orders and sales are less closely related than in most other industries.

### Order picture of producers

During the past decade, the order picture for aircraft producers has been dominated by two waves of heavy ordering. These are reflected in the backlog of orders, as shown in the lower part of the double-panel chart. During each of these periods new orders were substantially higher than sales, and backlogs rose to more than 1½ years of sales at the existing rate.

New orders and backlogs rose strongly during 1956; although they never quite reached the earlier high point, new commercial jets and other products, including missiles, broadened the product base and provided some diversity in the output of the industry. Since 1956 total orders have been at a lower rate than sales, and the backlog has declined.

	Net new orders—semi-annual data (Millions of dollars)	
	First half	Second half
1949.....	587	1,101
1950.....	1,076	3,240
1951.....	6,923	4,177
1952.....	4,497	6,987
1953.....	5,498	2,113
1954.....	2,663	3,646
1955.....	3,416	5,907
1956.....	5,663	6,473
1957.....	3,639	4,308
1958.....	4,915	5,081
1959.....	5,098	.....

The downward trend of employment in the aircraft industry since the peak in 1957 is traced in the accompanying text table.

### Commercial jet deliveries

Sales of civilian aircraft have recently moved upward following a decline beginning in 1957 and extending through the third quarter of 1958. The backlog has remained high.

In terms of numbers, most of the civilian planes produced are small craft—more than 90 percent are less than 3,000 pounds airframe weight. In value terms, however, the large planes account for more than four-fifths of sales. The jet commercial planes have made an outstanding record on

the routes on which they have been available. They have been traffic builders and have shown a low cost per passenger-mile.

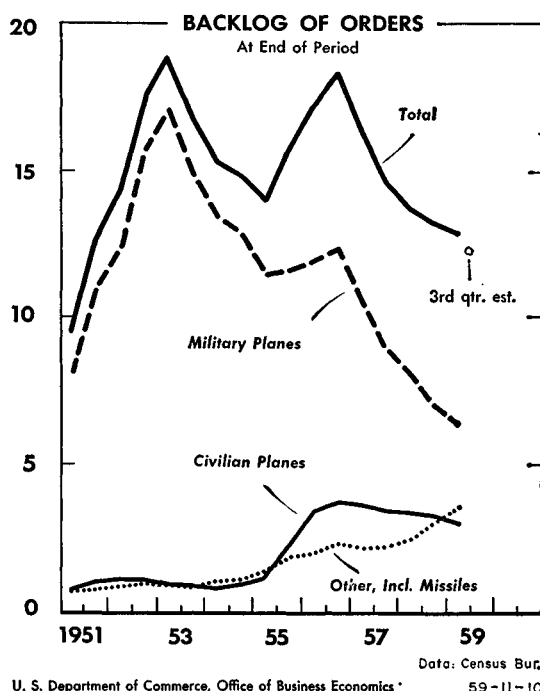
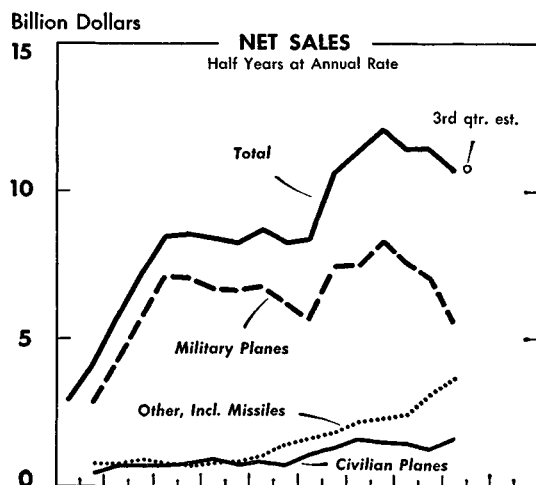
### Missiles and research rising

There has been a pronounced upward trend in sales of the other products of aircraft producers. The "other" group includes research and development and missiles.

One of the characteristic features of the aircraft industry is the emphasis upon research and development. Since criteria have not been fully standardized for distinguishing such activity from other operations, estimates of the dollar value of such work have inherently an imprecise character. It is a major fact, however, that research and development projects of the Department of Defense are of growing importance, and a sizable portion of such work is being performed by the aircraft industry.

In the past 3 years Department of Defense obligations for research and development have shown a substantial increase. Much of the rise has been for missile work. Aircraft and missiles now account for well over half of research and development budget obligations. In fiscal year 1959 around \$5 billion of contracts were awarded to private industry by the Department of Defense for research and development. Obligations for 1960 are expected to be somewhat higher

## Sales and Orders of Aircraft Producers



### Total Employment in Aircraft and Parts Industry

[Thousands]

	Monthly average for year	Monthly average for quarter			
		I	II	III	IV
1956.....	809.3	773.2	784.6	820.9	858.4
1957.....	861.7	885.8	890.4	870.1	800.4
1958.....	757.6	758.6	749.4	756.7	765.9
1959.....	.....	755.7	741.6	732.8	.....

than last year, and again probably about half of the Government contracts will go to the aircraft industry.

Growth in the importance of research and development is reflected in shifts in the type of workers employed. Granting again the problem of classification, the percentage of production workers to all employees as reported by the Bureau of Labor Statistics has dropped steadily since 1953. In the first half of 1959, some three-fifths of aircraft employees were identified as production workers. Although a relative decline in production workers is a phenomenon common to manufacturing as a whole, that for the aircraft industry is well above average.

### Other industries important

Companies other than those classified in the aircraft industry also have large commitments involving the development and production of systems built around unmanned aircraft. The relative role taken by each of the industries can be appraised roughly on the basis of an employment study by the Department of Labor.<sup>1</sup>

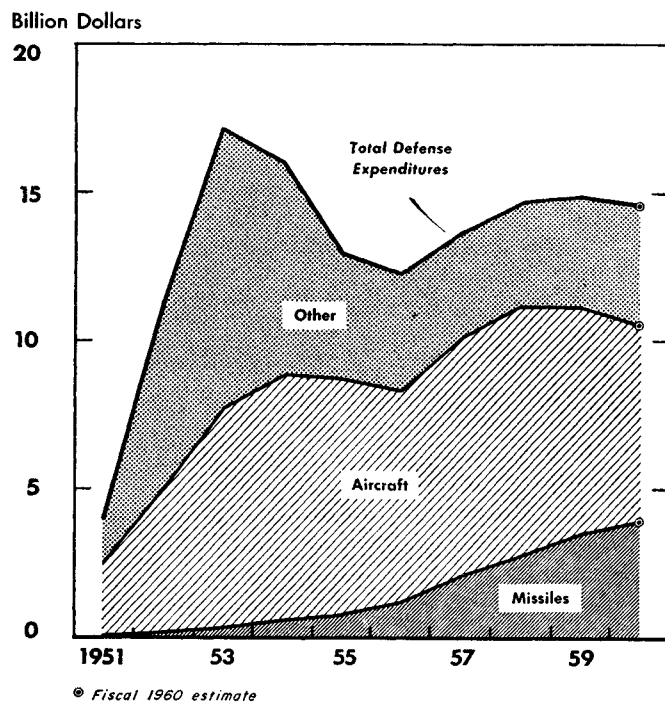
<sup>1</sup>The making of missiles and parts has not been classified as a distinct industry. Thus, available data on an industry basis do not provide the figures necessary for analysis of all missile activity. This study presents the results of a special inter-industry survey of producers holding Defense Department contracts; in addition, all aircraft companies employing more than 200 persons were included whether or not they were listed as having contracts. Thus, it does not cover all establishments producing components destined for use in missile systems. On the other hand, even complete coverage would not have resulted in a body of economic data comparable with industry statistics. This follows because missile components do not represent the primary product of many establishments reporting missile activity.

An estimated 350,000 persons were engaged in developing and producing missile systems in the second quarter of 1959. This represented a rise of more than 100,000 persons in a year and a half.

Based on detailed data for October 1958, about 40 percent of the personnel engaged in missile activity are employed in the aircraft industry. Compared with year-earlier figures, the percentage was tending upward. The two industries, ordnance and electrical machinery, each accounted for

## Major Defense Hard Goods

Fiscal Year Totals, 1951-60



U. S. Department of Commerce, Office of Business Economics

Data: Defense Dept.

59-11-11

another 20 percent of missile-related employment. The remaining workers were widely dispersed among other manufacturing and nonmanufacturing industries.

In none of the industries did missile-related employees represent more than half the workers, although that proportion was approached in the ordnance group. In aircraft 17 out of 100 employees were working on missiles in October 1958. The relative number in communications equipment, a subgroup of the electrical machinery industry, appears somewhat less.

## RISE IN NONRESIDENTIAL CONSTRUCTION DEMAND

Construction expenditures for commercial and industrial properties have been rising steadily this year and reached a seasonally adjusted annual rate of more than \$16 billion in the third quarter. This was 4 percent higher than in the corresponding 1958 period and lower than the 1957 third quarter peak by a similar amount. Some falling off in seasonally adjusted outlays was evident in September related at least in part to the steel strike. Aside from this, however, the figures on contract awards suggest a rising trend. In the first 9 months of this year the dollar value of private awards other than residential was some 15 percent above that in the

same 1958 period, or substantially more than the advance in expenditures.

This group embraces certain categories which have exhibited considerable cyclical fluctuation, such as industrial and railroad construction, and others where growth trends have been strong and counter-cyclical behavior in the postwar period has been evident, such as the utilities, and commercial and institutional construction. Because the changes have been largely offsetting, the combined private nonresidential total has shown relatively small year-to-year fluctuations in most of the postwar period.

Over the past year as well, divergent movements in the major components account for the modest increase that has occurred so far. Industrial construction did not reach its recent cyclical low until the second quarter of this year. Public utilities moved up from the third quarter of 1958 to the first quarter of 1959 but have been declining since, while commercial construction has advanced this year.

## Industrial and Other Construction

The seasonally adjusted rise in industrial construction that began in the second quarter of this year marked the end of a 2-year decline. The 50-percent decrease over this period was more than twice as great as the one that followed the Korean buildup but was apparently less severe than the early postwar downturn in plant construction. It is of interest to note, however, that the current lag in plant construction—about one year after the low in industrial production—was much longer than in the two earlier recoveries, which saw seasonally adjusted outlays for new plant turn around almost simultaneously with the cyclical reversal in production. The substantially increased capacity base now as compared with the earlier periods is the chief reason for the slower recovery in the most recent period.

Public utilities have exhibited a rather erratic pattern since reaching a top in the final quarter of 1957. Seasonally adjusted activity eased off to the third quarter of last year, picked up for two quarters but has been falling since early this year. Construction by the railroads and communications companies has risen slightly in 1959 but that of electric and gas utilities has been slightly lower than in 1958. The electric utilities have recently embarked on a new round of capacity expansion so that outlays in this group may be expected to move up as this program develops.

Most other types of private nonresidential construction registered large increases from 1957 to 1958. This year has seen divergent movements, by type of building; for the first 9 months of 1959 the combined total has increased 5 percent over the same period last year.

The largest increase—more than 30 percent—was in social and recreational buildings, a category that includes commercial types like bowling alleys as well as quasi-public community buildings. Outlays for religious buildings, which changed little from 1957 to 1958, are running 10 percent above those in 1958 and are approaching a record total of \$1 billion a year. Educational buildings and hospitals and institutional structures are running about 6 percent below 1958. The real volume of school buildings, it may be noted, has changed comparatively little since 1954. The dip in hospital construction that is showing up this year is probably quite temporary in view of the recently stepped-up appropriations under the Federal-aid program.

## Commercial building paces rise

A distinguishing characteristic of investment in commercial facilities in the last two recessions has been its contracyclical behavior. Outlays for this group were essentially

unchanged between 1957 and 1958, and proved to be an important element of stability in a period when nonfarm business plant and equipment expenditures declined \$6½ billion. Similarly, from 1953 to 1954, commercial construction outlays increased almost 25 percent, in contrast with a 5-percent decrease in business capital outlays.

The recovery in investment this year has been accompanied by a very marked advance in the commercial field. Outlays rose to a seasonally adjusted annual rate of \$4 billion in the

tion outlays has been the commercial development of the suburban localities that has accompanied the shift of population and new homes to the outlying areas.

There are several longer run factors which are favorable for this type of commercial construction even though the recent easing in homebuilding must be considered a dampening influence. The real volume of retail sales and services in the postwar years has been undergoing a fairly steady growth. Modernization needs for outlets in downtown areas are still large and stores, such as food and drug chains, continue to consolidate, modernize, and expand small units in older neighborhoods. The population growth has been increasing at a steady rate and there is no evidence of any abatement in the movement to outlying areas.

Data recently collected in the 1958 Census of Business point to an increasing absolute and relative amount of retail business being transacted in stores outside the central cities of metropolitan areas. This may be seen in the table below, which compares, for Census years, retail sales trends for the central city and the non-central city portion of 20 of the largest 25 metropolitan areas for which matched data were readily available. In 1954, these 20 areas accounted for some 50 percent of retail sales in all metropolitan areas as defined by the Census Bureau.

Percent Increases in Retail Sales in 20 Large Metropolitan Areas

	1939 to 1948	1948 to 1954	1954 to 1958
Central city areas.....	172	19	6
Non-central city areas.....	215	60	26

It is also of interest that the proportion of new store construction that is taking place in suburban as compared with central city areas is much higher than the proportion of retail sales which were made in the suburbs in 1958. This comparison suggests a further increase in the share of retail sales that will be transacted outside of central city areas, although the more extensive facilities of downtown shopping districts still hold strong attraction for consumers.

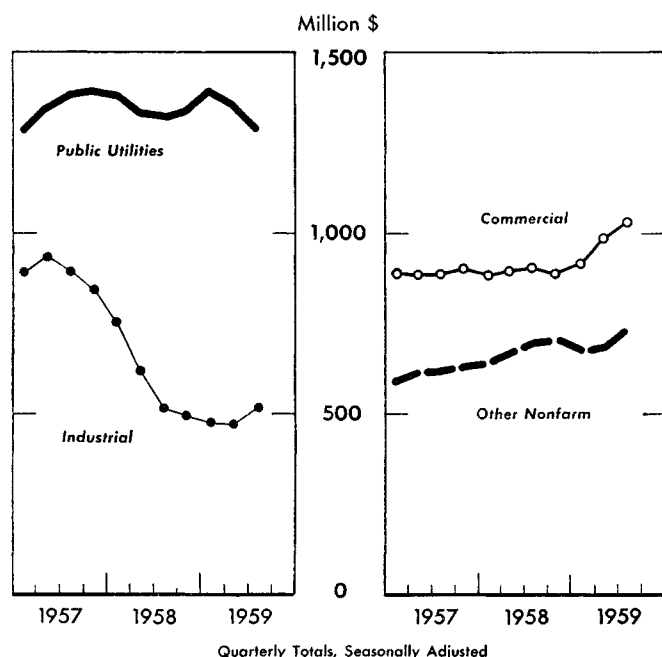
Gaged by past experience store construction in recent years does not appear to be high in relation to the volume of homebuilding that has occurred, although the record goes back only to 1920. The table on page 8, which presents deflated expenditures on residential and store construction for 5-year periods since 1920, and the ratio of the latter to the former, shows that the ratio in the 1955-59 period is still well below those of the 1920's. The ratios for the twenties, of course, are very likely on the high side in view of the broad economic downturn that started in late 1929.

## Office Buildings and Warehouses

Construction expenditures for office buildings and warehouses reached record highs in both current dollars and real terms in the first half of 1958 following an advance that lasted for 5 years. Since then outlays have been quite high but have so far not come back to the earlier peak. Seasonally adjusted expenditures declined moderately in the third and fourth quarters of 1958, reflecting a lower volume of new projects initiated earlier in the recession. The effects of the recession were short-lived, however, since outlays picked up again in the first quarter and continued to advance a little until midsummer of this year.

An examination of postwar expenditures for this type of construction reveals two main points: first, expenditures

## New Private Nonresidential Construction



Data: BDSA & Census Bur.

U. S. Department of Commerce, Office of Business Economics

59-11-7

third quarter of 1959, up some 15 percent over the fourth quarter of 1958. For the first 9 months of 1959 dollar volume increased almost 10 percent over last year. The third quarter established a new record in current dollars, although in real terms it was about 3 percent below the first quarter of 1956. Recent months have seen an edging off from the peaks of this summer; activity in September, after seasonal adjustment, was about 6 percent lower.

## Retail store expansion

Outlays for stores moved counter to the general trend over much of the 1956-57 capital goods boom. Seasonally adjusted these peaked as early as the first quarter of 1956 and declined thereafter for eight successive quarters, to a point one-third below the high. The upturn in activity that began in the first quarter of 1958 continued into the third quarter of this year, so that outlays were within a few percent of the early 1956 peak, although after adjustment for increased construction costs they might still be as much as 15 percent lower.

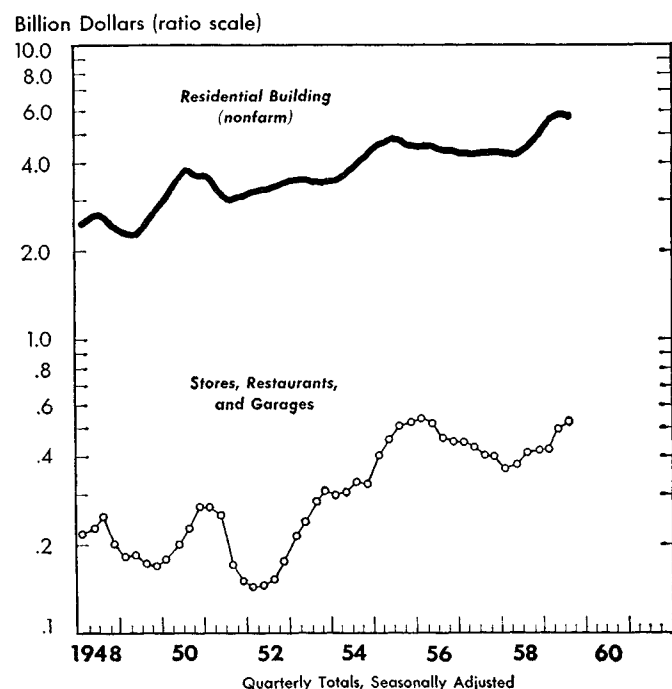
Store construction activity appears to be fairly closely associated with movements in residential construction, as may be seen in the chart on page 8. Indeed, over much of the postwar period the major turning points in the two series show a close relationship, with perhaps a short lag of store building behind residential building. This near-coincidence reflects the fact that the major force behind store construc-

have shown a fairly steady upward trend over the entire period. Outlays dipped only slightly in the 1949 recession and not at all in 1954; the large 1952 decline was the result of Government restrictions during the Korean period. Second, activity in the past 5 years has been unusually strong. Real outlays in the past 5 years, for example, were more than double those made in the 1950-54 period.

In the case of office buildings the general rise of outlays reflects the expanding needs for office space that has accom-

## New Construction

### Residential Structures and Stores



Data: BLS, BDSA, & Census Bur.

U. S. Department of Commerce, Office of Business Economics

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**Table 3.—Ratio of Store to Residential Construction Expenditures, Five-Year Periods, 1920-59**

	Construction expenditures (billions of 1947-49 dollars)		Ratio of store to residential expenditures (Percent)
	Store	Residential	
1920-24	3.9	34.9	11.1
1925-29	7.0	51.1	13.6
1930-34	2.1	12.2	17.0
1935-39	2.4	19.9	12.2
1940-44	1.5	18.0	8.3
1945-49	3.6	35.0	10.4
1950-54	3.9	58.7	6.7
1955-59 <sup>1</sup>	6.3	71.7	8.8

1. Data for 1959 are based on the seasonally adjusted annual rate in the first 9 months.

Sources: U.S. Department of Labor and U.S. Department of Commerce.

panied the trend of employment of professional, office, and kindred workers. Employment of white collar personnel has been increasing much more than total employment. As in the case of store construction this growth has also spread into new suburban areas, although in contrast with store construction, office buildings are still predominantly a central city phenomenon.

The acceleration in office building construction in the past 5 years is probably attributable in part to the liberalization of the depreciation provisions under the Revenue Act of 1954. By permitting rapid depreciation in the early years, the ability of investors to recapture a major part of their equity in a relatively short time has been greatly increased—a consideration which is of particular importance in the real estate industry where borrowed funds are the main source of financing.

The recent increase in interest rates may be acting as an unfavorable influence on this type of construction at the present time. Vacancy rates, however, while higher than they were 10 years ago, are still relatively low and the demand for the most modern facilities is still very strong. The new trend toward the automation of office work, while probably space-saving on balance, is still quite limited in its scope.

# National Income and Product

## In the Third Quarter

GROSS national product was off in value and in volume in the third quarter of 1959, as manufacturers' inventories of materials were drawn down and the upsurge of final demand slackened. The value total, amounting to an annual rate of \$478½ billion, compares with \$484½ billion in the second quarter and \$470 billion in the first. Prices continued their slightly rising movement during the quarter.

The dip in GNP since midyear has reflected mainly the loss of production in steel and related lines. With demand from final purchasers again higher, inventories in these lines were reduced below the totals reached in the spring buildup.

Despite the production setback—the first in a year and a half—most of the ground that had been gained in the cyclical upswing through midyear was held. Real gross product in the third quarter was nearly 9 percent higher than at the cyclical low of the first quarter of 1958.

The distortions associated with the steel strike were reflected in GNP mainly through the inventory-change component. The basic situation may be seen more clearly in the record of final purchases, which excludes this component.

The current volume of demand—both combined and in each instance—for residential construction, consumption and from government is well above the 1957 prerecession quarter.

Business fixed investment, sharing incompletely in the recovery so far, has not yet regained the position it held before the 1957-58 contraction.

Net exports are likewise lower than before the recession, even when allowance is made for the Suez crisis and other special factors that temporarily raised the balance in 1956-57. Our exports have remained substantially below the prerecession peak while imports have advanced strongly since that time. The adverse trend in our balance of international payments has been reviewed in earlier issues of the SURVEY and will again be discussed in next month's issue.

The principal market developments of the third quarter are summarized with this record for background in the following table. There has been a leveling off in purchases of consumer goods and in residential construction. Business demand for capital equipment was stepped up somewhat. Exports also moved up, registering a somewhat greater improvement than in the second quarter when a limited upturn had occurred. Net payments to foreign countries during the third quarter remained about as high as earlier in the year, which suggests that the rise in receipts from exports was offset in the balance of payments by unilateral transfers or capital transactions.

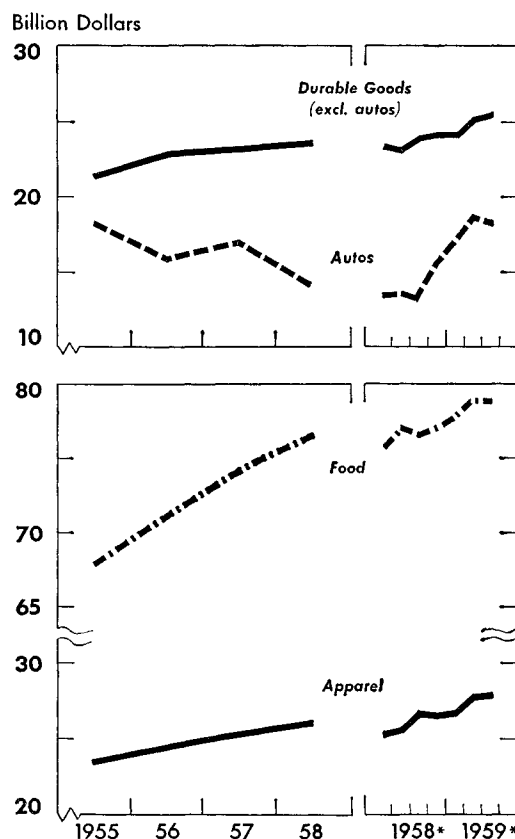
These developments together led to a \$5½ billion advance in the current-dollar annual rate of final purchases. This compares with increases ranging from \$7 to \$10 billion in the preceding four quarters.

The specific forms the slowdown took are noted in the following pages. The simultaneous arrest of expansion in several demand components just at this time was partly for-

tuitous. It is important, however, to recognize certain more pervasive factors in the general situation. The steel and other strikes had an important effect on demand through the loss in income, unemployment, and extensive uncertainty they caused; moreover, anticipatory buying had afforded a special stimulus to production and income in the spring quarter, the removal of which tended in itself to slow the pace of the economic expansion.

Aside from these effects of the strike, past experience indicates that final demand would naturally tend to rise less rapidly at the stage of the business cycle we have now reached.

### Consumer Spending for Major Commodities



U. S. Department of Commerce, Office of Business Economics 59-11-4



## Trends in "Real" Final Purchases

(Indexes, seasonally adj., 3rd qtr. 1957=100)

	1957		1958				1959		
	III	IV	I	II	III	IV	I	II	III
Total.....	100.0	99.1	97.4	97.6	99.0	100.4	101.7	103.6	104.1
Consumer spending and residential construction.....	100.0	99.5	98.5	99.3	101.0	102.7	104.6	107.0	107.0
Government purchases.....	100.0	100.7	102.7	104.3	105.9	108.5	109.1	109.3	108.7
Business fixed investment.....	100.0	96.1	86.7	82.2	81.0	82.2	83.9	87.2	89.9
Net exports:									
Exports.....	100.0	93.9	85.0	86.2	90.3	87.9	83.0	85.0	93.5
Imports.....	100.0	100.5	97.1	101.9	104.8	111.1	111.5	118.3	120.2

The third-quarter shifts in the national markets have cut across type-of-product and industry lines. In hard goods, the movements of producer and consumer items have been partly offsetting; the same is true of residential and non-residential construction. As a result, the summer advance in national income and product outside the strike-affected areas, though limited in size, has apparently been widely shared among the Nation's major industries.

## THE CONSUMER MARKET

Personal consumption expenditures in the third quarter were at an annual rate above \$313 billion. The increase from the second quarter amounted to \$2 billion, compared with a \$7½ billion jump in the spring and advances of \$3½ billion to \$5 billion in other quarters during the business upswing. The slowing of expansion in the consumer market came as an extended advance in disposable income was checked after midyear.

The third-quarter rise in total consumer outlays stemmed from the continuing uptrend in service expenditures. Purchases of durable and nondurable consumer commodities, many of which had recorded sharp gains in the spring and were at record or near-record levels by midyear, have since shown a mixture of minor increases and decreases.

Among the major durables, both autos and household goods reflected the pattern of marked rise through the spring and little overall change in value or volume in the summer.

Third-quarter sales of new cars were affected by a greater than seasonal decline in demand in September prior to the introduction of the new models, and by the looming supply difficulties which made liquidation of stocks of 1959 models of less concern than it would otherwise have been. The dip in sales was more than made good in October after the 1960 cars came on the market. There was a strong initial demand for these when they became available. But production was sharply curtailed before month end and this meant, of course, a slackening of the flow of cars to dealers.

Spending for nondurables was at a \$148 billion annual rate in the third quarter. This was about the same as during the second quarter, and nearly \$3 billion above the opening quarter of the year. The advance last spring was one of the largest recorded in any quarter for several years. It featured increases on the order of \$1 billion in food and in apparel, which were not repeated in the third quarter, as well as scattered gains elsewhere which continued during the summer.

Outlays for food, which make up more than one-half the nondurables total, had been rising for several quarters despite some price easing. The real volume of food con-

sumption increased accordingly, after having declined slightly from 1957 to 1958. No significant change is indicated to have taken place in the summer quarter.

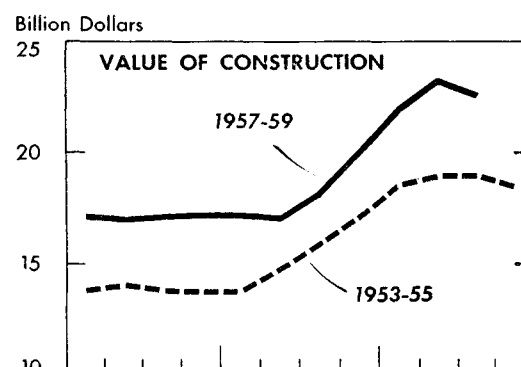
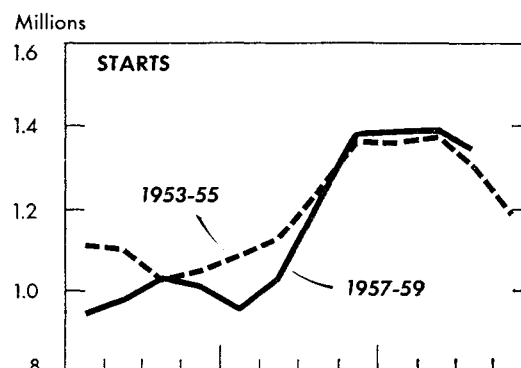
For purchases of apparel, as for household durables, the upsurge last spring and leveling off in the summer followed a half-year of relative stability in the value and volume of sales.

## INVESTMENT DEMAND

Investment components of the GNP have followed diverse movements. The year-long advance in residential construction was checked in the summer quarter of 1959 after having reached an all-time peak more than one-third above the low of early 1958. At \$22½ billion, the outlay was fractionally under last spring but well beyond previous highs.

The course of new dwelling unit "starts" and of total expenditures during the recent business upswing has been similar to that of 1954-55. (See chart.) In each case a period of relatively easy financing occurred early in the general business recovery, and in this phase of the upswing activity rose rapidly toward historic highs. The advanced rate of "starts" was maintained for approximately three quarters, in the face of mounting competition for funds. It fell off thereafter, however, in the summer of 1959 as it had four years earlier under similar circumstances of tightened credit.

This pattern in the course of building activity relative to the business cycle reflects not only the dependence of residential demand on the availability of mortgage credit

Residential Construction Activity  
In Two Business Swings

Quarterly Totals, Seasonally Adjusted, at Annual Rates

Data: BLS, BDSA, &amp; Census Bur.

U. S. Department of Commerce, Office of Business Economics

59-11-5



**Table 1.—Gross National Product or Expenditure, Seasonally Adjusted Quarterly Totals at Annual Rates, 1957–58, and First Three Quarters 1959\***

[Billions of dollars]

	1957	1958	1958				1959		
			I	II	III	IV	I	II	III
<b>Gross national product</b> .....	442.5	441.7	431.0	434.5	444.0	457.1	470.2	484.5	478.6
<b>Personal consumption expenditures</b> .....	284.8	293.0	287.3	290.9	294.4	299.1	303.9	311.2	313.3
Durable goods.....	40.3	37.6	36.9	36.7	37.1	39.8	41.3	44.1	43.6
Nondurable goods.....	137.7	141.9	139.5	141.5	143.1	143.6	145.3	147.7	148.0
Services.....	106.7	113.4	111.0	112.7	114.2	115.7	117.4	119.4	121.6
<b>Gross private domestic investment</b> .....	66.6	54.9	52.4	51.3	54.2	61.3	69.8	77.5	67.0
New construction.....	36.1	35.8	35.5	34.6	35.4	37.3	39.7	41.0	41.0
Residential nonfarm.....	17.0	18.0	17.1	16.9	18.0	19.9	21.9	23.1	22.6
Other.....	19.0	17.7	18.4	17.7	17.4	17.4	17.8	17.9	18.3
Producers' durable equipment.....	28.5	22.9	23.8	22.6	22.2	23.2	23.9	26.0	27.0
Change in business inventories.....	2.0	-3.8	-6.9	-5.8	-3.4	.8	6.1	10.4	-1.0
Nonfarm.....	1.2	-4.9	-8.1	-7.0	-4.5	-1.1	5.4	9.8	-1.8
<b>Net exports of goods and services (GNP basis)</b> .....	4.9	1.2	2.0	1.2	1.6	.2	-9.9	-1.8	.0
Exports.....	26.2	22.6	22.2	22.3	23.1	22.7	21.5	22.1	24.1
Imports.....	21.3	21.3	20.2	21.1	21.5	22.5	22.4	23.9	24.1
<b>Government purchases of goods and services</b> .....	86.2	92.6	89.3	91.1	93.8	96.5	97.4	97.7	98.4
Federal.....	49.4	52.2	50.1	51.3	53.1	54.2	53.8	53.9	53.6
National defense.....	44.3	44.5	44.0	44.3	44.5	45.3	45.8	46.2	45.9
Other.....	5.5	8.1	6.6	7.5	8.9	9.4	8.3	8.0	8.1
Less: Government sales.....	.4	.5	.5	.5	.3	.6	.3	.3	.4
State and local.....	36.8	40.5	39.2	39.7	40.8	42.2	43.6	43.8	44.8

\*For back data see Table I-3 in the July 1959 Survey and, for years prior to 1956, in U.S. INCOME AND OUTPUT.

but also the special sensitivity of the latter to changes in general credit conditions.

The contraction in residential building 4 years ago, like the advance which preceded it, had been largely confined to activity under Government insurance or guarantee. The rise of 1958–59 was concentrated to a much lesser degree in such Government-backed housing, and the decline last summer was apparently no more pronounced in FHA and VA than in conventional starts. Applications for Federal backing, which have generally led the movement of “starts” in this category, have tapered more than seasonally since midyear. The decline is still apparent after allowance is made for the distortion due to a bulge in FHA applications just before the July 1 effective date of that agency's new minimum property standards.

### Business fixed investment

As in other recent periods, the larger part of the summer increase in business fixed investment demand was in equipment, but a rise was also scheduled in industrial and other nonresidential construction activity.

Total capital outlays are up about one-tenth in real terms from their mid-1958 low, though still under the prerecession peak by a similar fraction. In current-dollar terms a somewhat larger measure of recovery has been achieved, owing to the advance of prices.

The pattern of change at midyear tended with few exceptions to mirror in reverse that of the 1957–58 downswing, which had centered in manufacturing, mining and railroads and had a more limited impact on the utilities.

**Table 2.—Gross National Product or Expenditure, Seasonally Adjusted Quarterly Totals at Annual Rates, in Constant Dollars, 1957–58, and First Three Quarters 1959\***

[Billions of 1954 dollars]

	1957	1958	1958				1959		
			I	II	III	IV	I	II	III
<b>Gross national product</b> .....	408.3	399.0	391.0	393.1	400.9	410.8	420.6	431.8	424.3
<b>Personal consumption expenditures</b> .....	270.8	273.3	268.7	271.1	275.0	278.4	282.3	288.3	288.8
Durable goods.....	38.5	35.7	35.2	35.0	35.3	37.5	38.8	41.2	40.6
Nondurable goods.....	132.6	133.7	131.3	132.7	135.3	135.9	137.3	139.7	139.4
Services.....	99.8	103.8	102.2	103.4	104.4	105.3	106.2	107.4	108.8
<b>Gross private domestic investment</b> .....	58.5	47.3	45.0	44.2	46.6	53.0	59.7	65.7	56.4
New construction.....	31.9	31.5	31.3	30.5	31.2	32.6	34.3	35.1	34.9
Residential nonfarm.....	15.4	16.2	15.4	15.3	16.3	17.8	19.3	20.2	19.7
Other.....	16.5	15.2	15.9	15.1	15.0	14.8	15.0	14.9	15.2
Producers' durable equipment.....	24.6	19.3	20.1	19.0	18.6	19.3	19.8	21.3	22.1
Change in business inventories.....	2.0	-3.5	-6.4	-5.3	-3.2	1.1	5.6	9.2	-6
Nonfarm.....	1.1	-4.4	-7.2	-6.1	-4.2	.0	4.7	8.6	-1.4
<b>Net exports of goods and services (GNP basis)</b> .....	3.8	.0	.8	.1	.5	-1.4	-2.7	-3.5	-1.9
<b>Government purchases of goods and services</b> .....	75.1	78.4	76.5	77.7	78.9	80.8	81.3	81.4	81.0
Federal.....	42.8	44.1	42.8	43.9	44.3	45.2	44.9	45.0	44.1
State and local.....	32.3	34.4	33.7	33.8	34.6	35.5	36.4	36.4	36.9

\*For back data see Table I-5 in the July 1959 Survey and, for years prior to 1956, in U.S. INCOME AND OUTPUT.

The course of demand for business plant and equipment last summer appears to have been relatively little influenced by the current stringency in financial conditions. For corporate business as a whole, internal funds becoming available during the quarter were less than last spring but in line with most other recent quarters; the total of funds needed for the financing of fixed capital investment and inventory-building dropped as inventories were reduced.

### Inventory liquidation in metals

Curtailed by work stoppages, national output fell short of final purchases in the summer quarter, as business inventories were drawn down. This movement was a sharp reversal of the spring inventory buildup. Most of the swing occurred in metal and metal-products manufacturing, which was af-

**Table 3.—Personal Consumption Expenditures by Major Type, Seasonally Adjusted Quarterly Totals at Annual Rates, 1957–58 and First Three Quarters 1959\***

[Billions of dollars]

	1957	1958	1958				1959		
			I	II	III	IV	I	II	III
<b>Goods and services, total</b> .....	284.8	293.0	287.3	290.9	294.4	299.1	303.9	311.2	313.3
<b>Durable goods, total</b> .....	40.3	37.6	36.9	36.7	37.1	39.8	41.3	44.1	43.6
Automobiles and parts.....	17.0	14.0	13.5	13.6	13.2	15.7	17.2	18.8	18.2
Furniture and household equipment.....	17.4	17.4	17.2	17.0	17.6	17.8	17.7	18.8	18.9
Other.....	5.8	6.2	6.1	6.1	6.3	6.3	6.4	6.4	6.5
<b>Nondurable goods, total</b> .....	137.7	141.9	139.5	141.5	143.1	143.6	145.3	147.7	148.0
Food and beverages.....	74.3	76.6	75.8	77.0	76.6	77.0	77.8	79.0	78.8
Clothing and shoes.....	25.4	26.1	25.3	25.7	26.7	26.6	26.7	27.8	27.8
Gasoline and oil.....	10.4	10.5	10.3	10.4	10.7	10.7	11.0	11.1	11.3
Other.....	27.6	28.7	28.1	28.3	29.1	29.3	29.8	29.8	30.1
<b>Services, total</b> .....	106.7	113.4	111.0	112.7	114.2	115.7	117.4	119.4	121.6
Housing.....	35.2	38.0	37.0	37.7	38.4	39.0	39.6	40.3	41.0
Household operation.....	15.8	16.9	16.5	16.8	17.0	17.2	17.3	17.6	17.8
Transportation.....	8.9	9.1	8.9	9.0	9.1	9.2	9.3	9.3	9.5
Other.....	46.8	49.4	48.6	49.2	49.7	50.3	51.1	52.1	53.4

\*For back data see Table II-6 in the July 1959 Survey and, for years prior to 1956, in U.S. INCOME AND OUTPUT.

feeted by a protracted strike in copper as well as by the steel tieup.

The net change in industry inventories does not fully reflect the extent to which the buildup of steel holdings has been reversed, since a given amount of steel passing through the production process accumulates additional value as more work is done on it. Also important in evaluating the current situation is the tendency for imbalances to have developed in the composition and distribution of the existing stock.

The changes in manufacturing sales and inventories are discussed elsewhere in this issue.

Contributing substantially to the swing in inventories was the movement of auto dealers' stocks. Since final demand held more or less even from the second quarter to the third, distributors' holdings mirrored the course of production. A somewhat greater than seasonal advance occurred prior to midyear. This was followed by a decline, as output fell in the third quarter with the earlier-than-usual changeover to the new models. In most other lines, moderate inventory accumulation continued past midyear.

## GOVERNMENT PURCHASES

Government purchases of goods and services rose slightly in the summer quarter to an annual rate of \$98½ billion. The increase, like those in the first half of the year, reflected the movement of State and local spending, which continued a series of quarterly advances that has been uninterrupted for several years. Due primarily to this expansion, the government total has moved up about one-twelfth in physical volume since mid-1957. Federal buying declined in real terms during most of 1957 but rose gradually throughout 1958, more than canceling the earlier contraction. It has been comparatively stable this year.

The third-quarter increase in State and local purchases centered in wage and salary payments, both the number of employees and average pay rates having increased in line with recent trends. Highway and other construction, which have contributed substantially to the growth of State and local expenditures in recent years, were reported not much changed from first half rates.

Federal purchases in the summer quarter dipped slightly below the \$54 billion annual rate that had been approximately maintained since before the turn of the year. Farm price support buying, which had been an important factor in the rise during 1958, has been declining so far this year on a seasonally adjusted basis. National defense spending has shown little change in recent quarters, expansion in the missile program offsetting the decline in conventional aircraft.

A modest surplus on Government income and product account was recorded for the spring quarter, as the continued increase from recession lows in corporate profits tax accruals and other Federal receipts reversed the previous deficit position. Due mainly to the impact of the steel strike on earnings for the summer quarter, the annual rate of corporate profits for the first 9 months of the year has probably fallen somewhat short of the tax base assumed in the annual budget review (See page 3 of the October Survey). Results for the full year will depend on the extent to which the adverse effects of the strike on earnings extend into the autumn quarter.

## NATIONAL INCOME

National income has moved parallel with output. The spring bulge in labor and property earnings from primary metals production was wiped out after midyear. In other areas, expansion of employment and average earnings slowed.

**Table 4.—Government Receipts and Expenditures, Seasonally Adjusted Quarterly Totals at Annual Rates, 1957-58 and First Three Quarters 1959\***

[Billions of dollars]									
	1957	1958	1958				1959		
			I	II	III	IV	I	II	III
<b>Federal Government receipts</b> .....	81.9	78.4	75.2	76.1	79.3	83.0	86.5	91.3	(1)
Personal tax and nontax receipts.....	37.4	36.7	36.2	36.3	37.1	37.4	38.2	39.5	39.5
Corporate profits tax accruals.....	20.1	17.3	14.9	15.7	17.9	20.8	21.6	24.4	(1)
Indirect business tax and nontax accruals.....	12.2	11.9	11.8	12.0	11.7	12.1	12.2	12.4	12.7
Contributions for social insurance.....	12.2	12.5	12.3	12.2	12.6	12.7	14.6	14.9	15.0
<b>Federal Government expenditures</b> .....	79.5	87.4	83.2	87.0	89.3	90.8	90.5	90.9	91.0
Purchases of goods and services.....	49.4	52.2	50.1	51.3	53.1	54.2	53.8	53.9	53.6
Transfer payments.....	17.4	21.2	19.5	21.6	22.1	21.9	21.4	21.5	21.6
To persons.....	15.9	19.9	18.3	20.3	20.9	20.4	19.9	20.1	20.1
Foreign (net).....	1.5	1.3	1.2	1.3	1.2	1.5	1.5	1.4	1.5
Grants-in-aid to State and local governments.....	4.1	5.4	4.8	5.3	5.5	6.0	6.5	6.6	6.6
Net interest paid.....	5.6	5.5	5.7	5.6	5.5	5.5	5.6	5.9	6.2
Subsidies less current surplus of government enterprises.....	3.0	3.1	3.1	3.1	3.2	3.2	3.1	3.0	2.9
<b>Surplus or deficit (—) on income and product account</b> .....	2.4	—9.1	—8.0	—10.9	—10.1	—7.8	—3.9	.4	(1)
<b>State and local government receipts</b> .....	38.7	41.9	40.3	41.4	42.4	43.7	45.2	46.4	(1)
Personal tax and nontax receipts.....	5.4	5.8	5.7	5.8	5.9	6.0	6.2	6.3	6.4
Corporate profits tax accruals.....	1.0	.9	.7	.8	.9	1.0	1.1	1.2	(1)
Indirect business tax and nontax accruals.....	25.9	27.2	26.5	26.9	27.4	27.9	28.5	29.3	29.7
Contributions for social insurance.....	2.3	2.7	2.5	2.6	2.7	2.8	2.9	3.0	3.1
Federal grants-in-aid.....	4.1	5.4	4.8	5.3	5.5	6.0	6.5	6.6	6.6
<b>State and local government expenditures</b> .....	39.6	43.5	42.3	42.8	43.8	45.4	46.8	46.9	47.8
Purchases of goods and services.....	36.8	40.5	39.2	39.7	40.8	42.2	43.6	43.8	44.8
Transfer payments to persons.....	4.1	4.5	4.5	4.5	4.5	4.6	4.8	4.7	4.7
Net interest paid.....	.6	.6	.6	.6	.6	.7	.7	.7	.7
Less: Current surplus of government enterprises.....	1.9	2.1	2.0	2.1	2.1	2.2	2.2	2.3	2.3
<b>Surplus or deficit (—) on income and product account</b> .....	—1.0	—1.6	—1.9	—1.4	—1.4	—1.7	—1.6	—1.5	(1)

1. Not available.

\*For back data see Table III-3 in the July 1959 Survey and, for years prior to 1956, in U.S. INCOME AND OUTPUT.

Profits data are so far fragmentary, but it is apparent that the total was adversely influenced by third quarter developments.

The information so far available on corporate profits is mostly confined to a relatively small number of the largest concerns, with securities listed on national exchanges. In some periods the experience of these companies has provided a fairly good indication of the overall movement of profits in their industries; under other conditions, the experience of the large corporations has proved to be far from typical. If the summer quarter of 1959 is one in which the large companies are representative of the whole, it appears that before-tax profits for the third quarter may have declined to an annual rate not much different from that which was recorded at the turn of the year.

The reduction in the total of major-company earnings in the summer featured large decreases or deficits in the lines most affected by the strike, and a leveling-off of expansion in some other industries. The latter tendency was foreshadowed in the opening quarter of this year, when the initial cyclical upswing of profits slowed markedly. It was largely overcome in the spring quarter by spurts occurring in a considerable range of industries favorably influenced by purchasing in anticipation of the steel strike.

## Mixed trends of income

The Nation's \$260 billion payroll was little changed from the second quarter to the third, and the total of supplements to wages and salaries was similarly stable at close to \$20 billion. The largest movements reported for the quarter in any industry outside the strike area were increases on the

**Table 5.—Foreign Transactions in the National Income Accounts, Seasonally Adjusted Quarterly Totals at Annual Rates, 1957-58 and First Three Quarters 1959\***

	[Billions of dollars]								
	1957	1958	1958				1959		
			I	II	III	IV	I	II	III
Receipts from abroad.....	26.2	22.6	22.2	22.3	23.1	22.7	21.5	22.1	24.1
Exports of goods and services....	26.2	22.6	22.2	22.3	23.1	22.7	21.5	22.1	24.1
Payments to abroad.....	26.2	22.6	22.2	22.3	23.1	22.7	21.5	22.1	24.1
Imports of goods and services....	21.3	21.3	20.2	21.1	21.5	22.5	22.4	23.9	24.1
Net transfer payments by Government.....	1.5	1.3	1.2	1.3	1.2	1.5	1.5	1.4	1.5
Net foreign investment.....	3.5	-1.1	.7	-1.1	.4	-1.3	-2.4	-3.2	-1.5

\*For back data see Table IV-2 in the July 1959 *Survey* and, for years prior to 1956, in U.S. INCOME AND OUTPUT.

**Table 6.—Personal Income and Its Disposition, Seasonally Adjusted Quarterly Totals at Annual Rates, 1957-58 and First Three Quarters 1959\***

	[Billions of dollars]								
	1957	1958	1958				1959		
			I	II	III	IV	I	II	III
Personal income.....	350.6	359.0	352.2	355.0	363.4	366.3	371.8	381.1	381.0
Wage and salary disbursements.....	238.5	239.4	234.6	235.4	242.3	245.1	250.9	259.4	259.5
Commodity-producing industries.....	102.2	97.8	96.3	95.8	98.2	100.9	104.2	109.6	107.6
Manufacturing only.....	80.6	76.7	75.8	74.9	76.9	79.1	82.1	86.4	85.0
Distributive industries.....	63.4	63.8	63.4	63.1	64.1	64.5	66.0	67.4	68.3
Service industries.....	32.7	34.6	33.7	34.3	34.9	35.3	36.0	37.0	37.6
Government.....	40.2	43.2	41.2	42.2	45.2	44.3	44.7	45.4	46.0
Other labor income.....	9.1	9.3	9.3	9.3	9.3	9.4	9.7	9.9	10.1
Proprietors' income.....	44.5	46.6	46.1	45.9	46.8	47.4	46.9	46.6	45.1
Business and professional.....	32.7	32.4	31.6	32.0	32.6	33.2	33.7	34.5	34.8
Farm.....	11.8	14.2	14.6	13.9	14.2	14.1	13.2	12.1	10.3
Rental income of persons.....	11.5	11.8	11.7	11.8	11.9	11.9	12.0	12.0	12.0
Dividends.....	12.5	12.4	12.7	12.6	12.6	12.0	12.8	13.0	13.4
Personal interest income.....	19.5	20.4	20.2	20.3	20.5	20.8	21.3	22.0	22.7
Transfer payments.....	21.7	26.1	24.4	26.6	27.1	26.8	26.4	26.5	26.5
Old-age and survivors insurance benefits.....	7.3	8.5	7.9	8.6	8.7	8.8	9.4	10.2	10.4
State unemployment insurance benefits.....	1.8	3.9	3.1	4.2	4.8	4.2	2.9	2.2	2.0
Veterans' benefits.....	4.4	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.3
Other.....	8.3	9.1	8.9	9.2	9.1	9.3	9.5	9.6	9.8
Less: Personal contributions for social insurance.....	6.7	7.0	6.9	6.9	7.1	7.1	8.1	8.3	8.4
Less: Personal tax and nontax payments.....	42.7	42.6	41.9	42.1	42.9	43.4	44.4	45.8	45.9
Federal.....	37.4	36.7	36.2	36.3	37.1	37.4	38.2	39.5	39.5
State and local.....	5.4	5.8	5.7	5.8	5.9	6.0	6.2	6.3	6.4
Equals: Disposable personal income.....	307.9	316.5	310.3	312.9	320.4	322.9	327.4	335.3	335.1
Less: Personal consumption expenditures.....	234.8	293.0	287.3	290.9	294.4	299.1	303.9	311.2	313.3
Equals: Personal saving.....	23.1	23.5	22.9	22.0	26.0	23.7	23.5	24.1	21.9
Addendum: Disposable personal income in constant (1954) dollars.....	292.9	295.2	290.0	291.6	299.2	300.4	304.3	310.7	308.9

\*For back data see Table II-2 in the July 1959 *Survey* and, for years prior to 1956, in U.S. INCOME AND OUTPUT.

order of \$1½ billion, at annual rates, in retailing and in State and local government.

The net earnings of nonfarm business and professional proprietors reflected the comparatively stable character of the distributive and service lines in which these enterprises are most common. The total moved up about 1 percent in the summer quarter, following a gain of more than 2 percent

**Table 7.—Sources and Uses of Gross Saving, Seasonally Adjusted Quarterly Totals at Annual Rates, 1957-58 and First Three Quarters 1959\***

	[Billions of dollars]								
	1957	1958	1958				1959		
			I	II	III	IV	I	II	III
Gross private saving.....	68.2	67.5	64.2	65.0	69.3	71.9	72.9	76.4	(1)
Personal saving.....	23.1	23.5	22.9	22.0	26.0	23.7	23.5	24.1	21.9
Undistributed corporate profits.....	9.7	6.5	3.6	4.5	6.9	10.7	11.1	14.0	(1)
Corporate inventory valuation adjustment.....	-1.5	-4	-4	.2	-3	-1.1	-9	-1.6	(1)
Capital consumption allowance.....	36.9	37.9	37.5	37.6	38.0	38.5	39.3	39.9	40.5
Excess of wage accruals over disbursements.....	.0	.0	.6	.6	-1.3	.0	.0	.0	.0
Government surplus on income and product transactions.....	1.4	-10.7	-10.0	-12.3	-11.5	-9.5	-5.5	-1.1	(1)
Federal.....	2.4	-9.1	-8.0	-10.9	-10.1	-7.8	-3.9	.4	(1)
State and local.....	-1.0	-1.6	-1.9	-1.4	-1.4	-1.7	-1.6	-5	(1)
Gross investment.....	70.1	54.8	53.1	51.2	54.6	60.0	67.4	74.3	65.5
Gross private domestic investment.....	66.6	54.9	52.4	51.3	54.2	61.3	69.8	77.5	67.0
Net foreign investment.....	3.5	-1.1	.7	-1.1	.4	-1.3	-2.4	-3.2	-1.5
Statistical discrepancy.....	.5	-2.1	-1.2	-1.5	-3.3	-2.4	.0	-2.0	(1)

1. Not available.

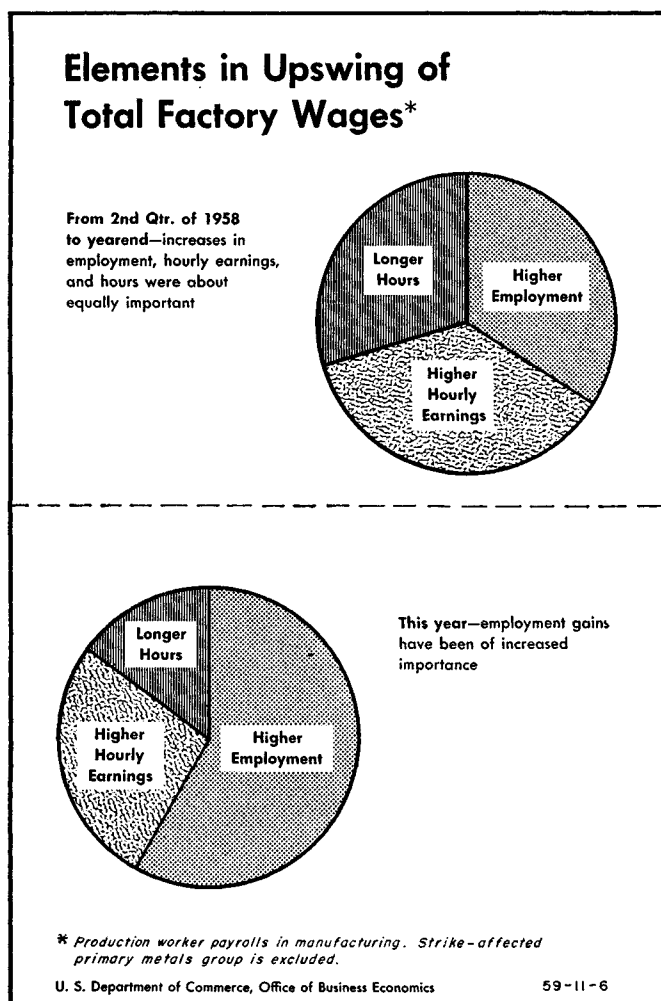
\*For back data see Table V-2 in the July 1959 *Survey* and, for years prior to 1956, in U.S. INCOME AND OUTPUT.

**Table 8.—Relation of Gross National Product, National Income, and Personal Income, Seasonally Adjusted Quarterly Totals at Annual Rates, 1957-58 and First Three Quarters 1959\***

	[Billions of dollars]								
	1957	1958	1958				1959		
			I	II	III	IV	I	II	III
Gross national product.....	442.5	441.7	431.0	434.5	444.0	457.1	470.2	484.5	478.6
Less: Capital consumption allowances.....	36.9	37.9	37.5	37.6	38.0	38.5	39.3	39.9	40.5
Indirect business tax and nontax liability.....	38.1	39.0	38.3	38.9	39.1	39.9	40.7	41.7	42.3
Business transfer payments.....	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Statistical discrepancy.....	.5	-2.1	-1.2	-1.5	-3.3	-2.4	.0	-2.0	(1)
Plus: Subsidies less current surplus of government enterprises.....	1.1	1.0	1.1	1.1	1.0	1.0	.8	.7	.6
Equals National income.....	366.5	366.2	355.8	358.9	369.5	380.4	389.4	403.9	(1)
Less: Corporate profits and inventory valuation adjustment.....	41.7	36.7	31.5	33.8	38.0	43.5	45.5	51.0	(1)
Contributions for social insurance.....	14.6	15.1	14.8	14.8	15.3	15.5	17.5	17.9	18.1
Excess of wage accruals over disbursements.....	.0	.0	.6	.6	-1.3	.0	.0	.0	.0
Plus: Government transfer payments to persons.....	20.0	24.4	22.8	24.9	25.4	25.1	24.7	24.8	24.8
Net interest paid by government.....	6.2	6.2	6.2	6.2	6.1	6.1	6.3	6.6	7.0
Dividends.....	12.5	12.4	12.7	12.6	12.6	12.0	12.8	13.0	13.4
Business transfer payments.....	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Equals: Personal income.....	350.6	359.0	352.2	355.0	363.4	366.3	371.8	381.1	381.0

1. Not available.

\*For back data see Table I-18 in the July 1959 *Survey* and, for years prior to 1956, in U.S. INCOME AND OUTPUT.



in the spring. Farm operators' income dropped again, more than offsetting the nonfarm gain for the quarter. Interest income of individuals continued its uptrend, and net rents were not significantly changed.

### Private payrolls

Private payrolls were off \$1½ billion from the second to the third quarter of 1959. The drop in primary metals manufacturing and in the transportation and mining divisions, which were also immediately affected by the steel tieup, amounted to \$3 billion at an annual rate. The bulk of this decline was offset by the continuation of uptrends in most other industries. Gains in trade, services, and some hard-goods manufacturing lines, including machinery, accounted for the larger part of these latter increases.

The \$2½-billion advance in private payrolls outside primary metals, mining, and transportation industries compared with annual rate gains of \$7 billion in the spring quarter and \$4½ billion last winter. The lessened pace of expansion since midyear has been widespread. As indicated below, it is traceable to a slowing rise in manhours worked and, to a lesser extent, in hourly earnings.

### Factors in payroll strength

In the earlier part of the current cyclical advance, the largest single element in the increase of payrolls was the continuing uptrend in average hourly earnings. The recovery in employment played a substantial part, however, and together with some lengthening of the workweek accounted for around half the rise in total wage and salary payments. For hard-goods manufacturing it was the principal factor.

In the first half of 1959 expansion of manhours became relatively more important, reflecting mainly a vigorous recovery of employment. In most nondurables manufacturing lines and in all the major durables, increased payments reflected sharper percentage gains in manhours than in hourly earnings. (See chart.) Available data indicate a similar experience in trade and contract construction.

After midyear payroll increases slowed in most durable and nondurable manufacturing lines as well as in contract construction, the utilities, trade, and service. As a rule this stemmed primarily from a tapering of the rise in manhours, as employment expansion lessened and the average length of the workweek declined on a seasonally adjusted basis for the first time in any quarter since early 1958. The tendency to shorter hours extended throughout manufacturing, with only scattered exceptions, and appeared in a number of other industry divisions as well. Average hourly earnings continued their advance, though generally at a reduced pace.

# Defense Expenditures Abroad—

## Major Item in the Balance of International Payments

**D**EFENSE expenditures abroad for goods and services by the United States—an important item in our balance of international payments—reached a peak of over \$3.4 billion in calendar year 1958 and have since declined. Disbursements during the first half of 1959 indicate that the total for this year may be off to \$3.1 billion. These amounts do not cover the total costs of our foreign military operations, but only that portion of expenditures received by foreign countries.

For the past several years defense purchases abroad have comprised a sixth of all U.S. purchases of goods and services from foreign countries, and have been exceeded only by private merchandise imports as a source of foreign dollar earnings.

Defense expenditures have been an important factor in the extent to which Japan and certain countries in Western Europe have added to their gold and dollar reserves. These countries accounted for most of the \$4.3 billion rise in foreign gold and liquid dollar assets in 1958, of which about \$3.4 billion was obtained through transactions with the United States.

Five countries received about two-thirds of the funds spent abroad by the Defense agencies in 1958. German receipts rose by about \$200 million to more than \$650 million in 1958—almost one-fifth of total U.S. defense expenditures. Outlays in Canada were up by \$160 million bringing the total for that country to almost \$450 million. Japanese earnings of over \$400 million ranked third despite the downward trend of U.S. defense expenditures there. Outlays in France and the United Kingdom were also lower in 1958 but were still substantial, amounting to about \$360 million in each country.

### Defense expenditures since 1945

Defense expenditures overseas were about \$600 million a year during the 5-year postwar period prior to the outbreak of the Korean conflict and the buildup of the North Atlantic Treaty Organization.

Sharply rising expenditures in the Far East brought total outlays abroad to \$1.3 billion in 1951. During the next 3 years, the increase took place primarily in Western Europe where disbursements went up almost \$400 million a year to reach nearly \$1.5 billion in 1954. During 1955 the increase was about \$200 million in Europe and after that year it slowed to an average of about \$70 million bringing the 1958 area total to almost \$1.9 billion.

Many factors contributed to the expansion in military outlays abroad. As activities under some programs and in some countries began to decline, they were replaced by other transactions elsewhere. As a result, the procurement of goods has represented about 40 percent of the higher total

expenditures in each year since 1953 despite decided shifts by country.

In 1955, offshore procurement of military equipment to be transferred to our allies under the military assistance program represented about half of all such purchases, in contrast to 1958 when it declined to only a seventh. This means that increases during the last 3 years in outlays for defense-type materials and supplies for U.S. Government use have more than compensated for the decline in materials and supplies bought for transfer as foreign aid.

Expenditures abroad by the military agencies for purchases of supplies for their own use consist in large part of jet fuel, motor gasoline, and other petroleum products; fresh

**Table 1.—Defense Expenditures Abroad for Goods and Services by Major Category<sup>1</sup> January 1953 through June 1959**

[Millions of dollars]

	1953	1954	1955	1956	1957	1958	January-June 1959
<b>Total</b> .....	2,535	2,603	2,823	2,955	3,165	3,416	▷ 1,622
Expenditures by troops, civilian personnel, post exchanges, etc.....	820	797	812	845	845	877	▷ 462
Foreign expenditures for construction.....	323	278	313	370	372	314	▷ 116
Contributions to the NATO multi-lateral construction program (infrastructure).....	91	69	84	68	65	81	22
Other expenditures for services.....	444	381	411	481	630	773	▷ 410
Offshore procurement under military assistance programs <sup>2</sup> .....	326	595	640	515	372	212	96
Purchases of equipment.....	71	70	36	40	54	49	▷ 20
Purchases of other materials and supplies.....	460	413	527	636	827	1,110	▷ 496

▷ Preliminary.

1. Excludes cash grants under special military programs, such as programs originally defined as direct forces support and administered by the International Cooperation Administration.

2. Includes military assistance programs for offshore procurement, including Lisbon offshore procurement; the weapons production program; and the mutual weapons development program.

Source: U.S. Department of Commerce, Office of Business Economics, from information made available by operating agencies.

fruit and vegetables for the troops or for sale in commissaries; and other general supplies. Purchases abroad of major equipment for use on our foreign bases are relatively minor. Expenditures for supplies and equipment include purchases from foreign branches or subsidiaries of U.S. corporations as well as from foreign corporations.

Expenditures for both goods and services are shown in table 2 and table 3 under the countries which received the proceeds of sales to the U.S. Government, rather than where they were actually used. They do not represent the amount

spent in any one country for operations in that country, but rather the amount expended for items which may be used there or transferred to other areas.

Disbursements for services have shifted by country, but the totals for particular purposes have shown less change from year to year. These include the personal outlays of troops and civilian employees and their dependents located in foreign areas, which comprised about a fourth of all military disbursements in 1957 and 1958. Foreign earnings from the construction of installations represented about a tenth of the total for the 2 years. Other outlays for services include expenses incurred abroad for the operation and maintenance of facilities, and disbursements for travel, transportation, communication, repair, utilities, labor, and other contractual services. Such expenditures increased steadily after 1955 and by 1958 they were almost a fourth of military overseas payments.

With the decline of disbursements abroad to equip allied forces under grant programs, military transactions in the future will tend to reflect more closely the deployment of our forces abroad. When all items not directly related to the support of our overseas forces are excluded from past transactions, outlays for our military establishment in 1954 and 1955 were somewhat lower than in 1953, but increased thereafter by about \$200 million each year.

### *Not all expenditures are in dollars*

Disbursements by the military agencies do not always provide dollar income to foreign countries, since sizable payments are made in foreign currencies originally acquired by the Government through the sale of agricultural products, excess property, and other goods and services; or received as counterpart funds under grant programs and as payments on loans and other credits. For the most part, the military departments purchase these local currencies from the U.S. Treasury with appropriated dollars.

Expenditures of such local currencies amounted to \$174 million in 1958, and in the prior year were over \$200 million. These expenditures are included in the total defense outlays discussed above.

### *Troop outlays increase*

As shown in table 1, a half or more of the foreign outlays of the Armed Forces for services has consisted of out-of-pocket disbursements of U.S. personnel and their dependents, direct payments to foreign personnel, and the foreign outlays of the post exchanges, clubs, etc. which service authorized personnel.

The increase shown in this "net pay" category stems primarily from the military and civilian pay raises of 1955 and 1958, and the greater number of dependents of U.S. servicemen overseas.

Sales of goods and services abroad by the post exchanges and similar agencies to our personnel amounted to approximately \$590 million in 1958. Foreign purchases of goods and services included in these sales totaled about \$325 million.

Foreign earnings from troop spending vary widely from country to country, depending upon the deployment of troops and the facilities readily available for utilization by their dependents. They depend also upon the ability of each country to meet the requirements of U.S. personnel or to attract purchases by the post exchanges. In some less developed countries where the domestic market can fulfill only a small share of the demand, most of the purchases by military personnel are made in the post exchanges and other establishments operating within the military economy. In certain areas, such as Hong Kong, earnings from the ex-

penditures of military personnel in a leave or travel status are an important element of the balance of payments, although few or no troops are stationed there.

At times when the United States is involved in international emergencies, expenditures may shift considerably among countries. For instance, because of the Lebanon crisis in the fall of 1958, that country earned several million dollars, primarily in the form of sales to U.S. military personnel within the few months they were deployed there. Conversely, during the same period, the earnings of Hong Kong fell somewhat when leaves were canceled because of the Taiwan Straits crisis.

### *Construction programs taper off*

In Morocco, Spain, and several other countries many of the major programs for constructing overseas military installations have been virtually completed. Foreign outlays for construction of \$314 million in 1958 were \$58 million lower than in 1957. Preliminary data for the first half of 1959 indicate that similar transactions at an annual rate were \$80 million lower than in the prior year. These data are comprised principally of payments to foreign contractors, foreign outlays by U.S. firms under contract with the Department of Defense, and direct purchases of foreign goods and services to be used by the military agencies in construction programs. They do not include the cost of the equipment and supplies shipped from the United States.

**Table 2.—Defense Expenditures Abroad for Goods and Services by Major Country<sup>1</sup> January 1953 through June 1959**

(Millions of dollars)							
	1953	1954	1955	1956	1957	1958	January-June 1959
<b>Total</b> .....	<b>2,535</b>	<b>2,603</b>	<b>2,823</b>	<b>2,955</b>	<b>3,165</b>	<b>3,416</b>	<b>2 1,622</b>
Western Europe.....	1,171	1,455	1,647	1,702	1,809	1,852	2 911
Austria.....	27	26	24	4	4	5	na
Belgium-Luxembourg.....	46	33	61	45	30	55	na
Denmark.....	20	22	231	238	234	240	na
France.....	408	519	566	447	396	367	na
Germany.....	239	227	280	345	458	656	na
Greece.....	3	15	23	31	20	15	na
Iceland.....	15	18	14	15	10	13	na
Italy-Trieste.....	103	174	162	151	163	118	na
Netherlands.....	37	34	32	39	42	39	na
Norway.....	8	15	20	15	14	17	na
Portugal.....	2	4	5	10	9	8	na
Spain.....	1	5	21	57	87	92	na
Switzerland.....	39	9	12	10	9	15	na
Turkey.....	10	17	29	43	36	42	na
United Kingdom.....	210	329	362	435	488	360	na
Yugoslavia.....	1	5	4	12	4	3	na
Other countries.....	2	3	1	5	5	7	na
Canada.....	192	194	217	259	288	448	2 211
Latin American republics.....	27	24	21	29	37	49	2 19
All other countries.....	1,145	930	938	965	1,031	1,067	2 481
Azores.....	6	8	7	9	6	11	na
Bahrein.....	29	28	26	25	46	49	na
Bermuda.....	9	7	9	13	12	14	na
Japan.....	772	574	501	490	455	414	na
Korea.....	62	44	62	37	58	88	na
Libya.....	18	9	8	8	9	11	na
Morocco.....	55	48	47	43	48	38	na
Netherlands Antilles.....	33	29	55	60	78	97	na
Pakistan.....	42	40	50	52	59	56	na
Philippines.....	42	40	50	52	59	56	na
Ryukyu Islands.....	51	47	55	61	68	61	na
Saudi Arabia.....	28	35	38	49	40	43	na
Taiwan.....	8	9	15	13	13	15	na
Other countries.....	2 32	2 52	64	101	126	152	na

na Not available.

2 Preliminary.

1. Excludes cash grants under special military programs, such as programs originally designed as direct forces support and administered by the International Cooperation Administration.

2. Includes Greenland.

Source: U.S. Department of Commerce, Office of Business Economics, from information made available by operating agencies.

Construction expenditures are generally paid in dollars made available from the regular military construction appropriations. However, family housing and related community facilities acquired abroad are purchased principally with local currency proceeds of Department of Agriculture sales of Commodity Credit Corporation surplus commodities. The transactions shown also reflect construction progress under a nearly completed \$50 million barter program to provide housing for families of military personnel stationed in France. This project is being financed through an exchange of surplus wheat and other goods for housing. Under these arrangements the Commodity Credit Corporation is being reimbursed by the Department of Defense over a period of years through withholding of payment of quarters allowances.

The foreign expenses of the major Air Force and Naval bases now virtually completed in Spain have been paid for primarily in pesetas furnished by the Government of Spain as counterpart under the U.S. Government Spanish aid program or acquired through the sales of surplus cotton authorized by the Mutual Security Act of 1951, as amended.

Construction in Canada, as a part of Hemispheric defense, has been jointly financed by the United States and Canadian Governments. Canadian earnings as a result of U.S. defense outlays for construction have been lower since the completion of the Distant Early Warning radar line in the summer of 1957.

Contributions by the United States to the multilateral construction program of the North Atlantic Treaty Organization have shown relatively little fluctuation from year to year. By the end of June 1959 the cumulative cost to the United States for these installations developed for the common use of the allied forces was about half a billion dollars.

### Germany and Japan contribute less

Expenditures for goods and services necessary to operate and maintain our bases abroad have increased during the last few years as new facilities have been completed and placed into use. However, much of the upturn in 1958 was the direct result of the discontinuance of German contributions to the United States under the "Allied support payments" agreement.

During the period from April 1, 1952 through May 5, 1955, the Federal Republic of Germany contributed the equivalent of \$762 million annually to the United States (\$748 million to our forces and \$14 million to the Allied High Commissioner) without charge. In the following 2 years the amounts were reduced to \$350 million and \$155 million respectively. The agreement in June of 1957 provided for a contribution of \$77 million. This contribution concluded payments to be made by the Federal Republic of Germany under occupation and support costs arrangements.

German earnings from the expenditures of our military forces thus increased each year after 1955 until they reached more than \$650 million in 1958.

The support of our forces in Japan has also become relatively more costly to the U.S. Government as the amount of yen furnished by the Government of Japan for the support of U.S. security forces declines. These funds have been made available to the U.S. Government by agreement without charge since April 1952 when they replaced about half of the value of goods and services furnished by the Japanese under occupation-charge procedures during a base period preceding the agreement.

Under the provisions of agreements, yen contributions, which amounted to the equivalent of \$155 million in the 12 months ended in April 1953, were nearly as high in the following year, but have declined steadily since then. In

the year ended in April 1959 they amounted to less than \$52 million.

Defense spending in Japan reached a peak of three quarters of a billion dollars in 1953, the highest annual amount ever spent in a single country. In 1954, U.S. defense outlays there fell by \$200 million, but since that year, partly as a result of the reduction in yen contributed by Japan, the decline has been more gradual.

**Table 3.—Offshore Procurement Under the Military Assistance Program by Major Country<sup>1</sup>**

(Millions of dollars)

	1950-52	1953	1954	1955	1956	1957	1958	January-June 1959	Total
<b>Total.....</b>	<b>92</b>	<b>326</b>	<b>595</b>	<b>640</b>	<b>515</b>	<b>372</b>	<b>212</b>	<b>96</b>	<b>2,848</b>
Belgium-Luxembourg.....	2	9	13	33	18	8	21	2	106
Canada.....					10	19	14	(*)	43
Denmark.....		1	3	7	4	1	1		17
France.....	66	165	282	329	160	68	27	12	1,109
Germany.....	2	4	2	4	6	5	3	1	27
Greece.....	1		10	13	18	3	(*)		45
Italy.....	1	61	127	91	77	76	21	8	462
Japan.....		12	25	31	40	12	28	26	174
Korea.....					4	1	1	(*)	6
Netherlands.....	1	11	9	6	11	7	8	2	55
Norway.....	(*)	3	4	5	5	4	6	3	30
Portugal.....		(*)	1	3	5	5	4		18
Spain.....			(*)	4	2	6	10	7	29
Taiwan.....		3	4	6	(*)	2	2	1	18
Turkey.....			1	4	6	2	1	(*)	14
United Kingdom.....	19	57	108	101	138	149	64	34	670
Yugoslavia.....			4	2	9	3	(*)		18
Other countries.....			2	1	2	1	1	(*)	7

\* Less than \$500,000.

1. Includes military assistance programs for offshore procurement, including Lisbon offshore procurement; the weapons production program; and the mutual weapons development program.

Source: U.S. Department of Defense.

### Offshore procurement for aid declines

By the end of June 1959 over \$2.8 billion had been spent in foreign countries under the military assistance offshore procurement program, the weapons production program, and the mutual weapons development program. Most of these outlays were for purchases of military equipment to be retransferred as grant aid to the producing countries or to other nations participating in the military assistance program. Disbursements of \$212 million in 1958 were about a third of those taking place in 1955. In the first half of 1959 they declined further to an annual rate of about \$190 million. At the end of June 1959 the unexpended balance of contracts amounted to less than \$290 million.

Aside from assisting our allies to develop their military productive capacity, these expenditures, primarily in the form of dollars, aided the economy of many countries during critical periods. France, the principal recipient, received over \$1,100 million between the start of the program in 1952 and June 1959, the United Kingdom \$670 million, and Italy over \$460 million. Purchases in Europe comprised over 90 percent of the total expended, with Japan the only other major recipient. The data shown in table 3 do not reflect total spending abroad as a result of the military assistance programs since they exclude expenses for services, such as training and repair, and for goods originally purchased by the military agencies for their own use and later transferred as foreign aid. These expenditures are included in other categories.

(Continued on page 23)



# Employment in Corporate and Noncorporate Production

**A**BOUT 30 million full-time equivalent workers are employed by corporations, or somewhat under one-half of the total number of persons engaged in production. Proprietorships and partnerships provide work for another 21 million persons, who are about equally divided between employees and self-employed (businessmen, farmers, or professional persons). An additional 10 million workers are employees of governments—Federal, State, and local—and the other 4 million persons engaged in production are working in households, or nonprofit institutions.

These key figures on the current structure of U.S. employment are based upon a newly developed classification by legal form of organization, of the employment statistics that have been issued annually as part of the national income and product accounts. The breakdowns of employment match and make more meaningful the comparable series on wages and salaries and other major types of national income by

legal form of organization, published annually as an integral part of the national income series.

To develop the new statistics, OBE's annual data on the "number of persons engaged in production" have been allocated among seven legal forms of organization, as distinguished in table 1. These include three groupings of private business enterprises, namely, corporations, sole proprietorships and partnerships, and other private business (e.g., cooperatives and mutual insurance companies); two major groupings related to government activities, government enterprises (covering the essentially commercial enterprises of the government, such as the Post Office), and general government (including all other activities of Federal, State, and local governments); and two subsidiary legal forms of organization, private households and nonprofit organizations furnishing services to individuals, and the very small group hired by international organizations and other foreign employers.

The legal-form breakdowns presented in this article were derived for benchmark years for private employees by applying distributions for each industry developed largely from economic censuses. For intercensal years, for which comparable breakdowns were not available, estimates were generally based on interpolation between Census data as set forth in the Technical Note at the end of this article.

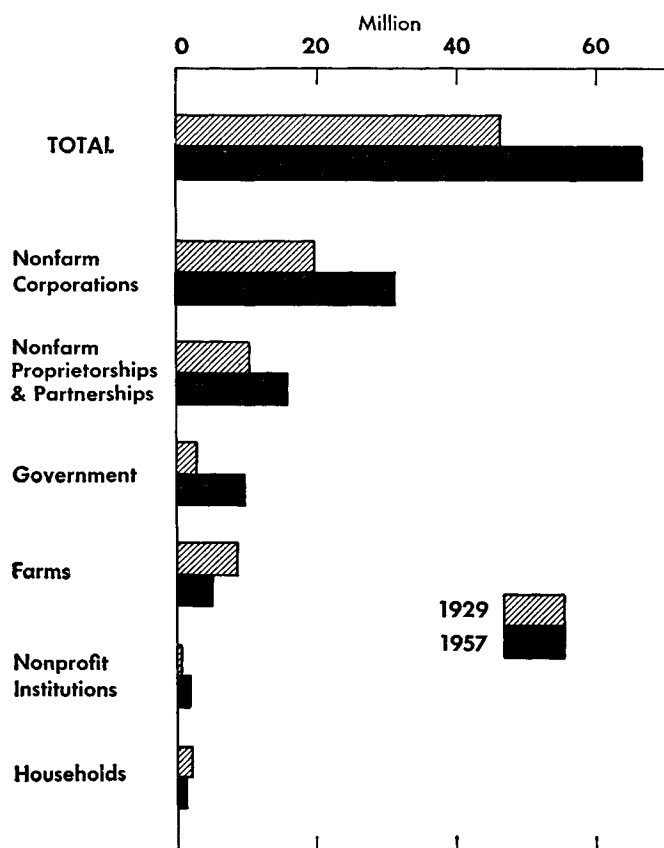
Because of the absence of comprehensive annual data, the legal-form breakdowns of private business employment should not be taken as precise measures of year-to-year changes in labor force structure. However, errors of measurement are probably not very large in view of the general stability in the legal form distributions derived from successive Censuses. Particularly for long-run analysis, the new series is believed to reflect reasonably well the pattern of shifts.

## Long-run changes

A comparison of 1929 with 1957—both years of high cyclical activity—serves to reveal several major long-run changes that have taken place in the distribution of employment. Over this period, the total number of employed and self-employed persons increased from 46 million to 67 million. In table 1 attention is focused on the percentage distribution of the total number of workers engaged in production, including both self-employed "active proprietors" and full-time equivalent wage and salary employees.

In the first place, there was a sharp fall in the proportion of workers attached to proprietorships and partnerships. This group accounted for more than two-fifths of all workers in 1929 and for only three-tenths in 1957. The decrease is almost entirely a reflection of the declining importance of agriculture during the past few decades. Both self-employed farmers and agricultural wage workers have diminished in

**Persons Engaged in Production, 1929 and 1957**





number at the same time that the nonfarm labor force has grown very considerably.

Secondly, there was a substantial rise in the relative importance of government employment. Government workers increased from 7 percent of the total work force in 1929 to 15 percent in 1957. This growth occurred in the military, and in State, local and Federal civilian personnel.

Thirdly, the percentage working in households and non-profit institutions declined from 7 to 5½ percent, owing to the decrease in domestic servants of private households. This was offset in part by a rate of growth in institutional employment second only to that of government.

These long-term developments in agriculture, government, and private households have been discussed at some length in *U.S. Income and Output* and in the *1954 National Income* supplement.<sup>1</sup> For many purposes it is useful to abstract from shifts in these areas and to focus on the nonfarm ordinary business portion of the economy. This is defined to include corporations, proprietorships, and partnerships organized for profit, exclusive of farms.

Table 1.—Number of Persons Engaged in Production, by Legal Form of Organization, 1929 and 1957

	Number (in thousands)		Percent distribution	
	1929	1957	1929	1957
Total	46,216	66,618	100.0	100.0
Corporate business	20,303	31,346	43.9	47.0
Sole proprietorships and partnerships	19,100	20,852	41.3	31.3
Other private business	407	797	.9	1.2
Government enterprises	409	864	.9	1.3
General government	2,775	9,054	6.0	13.6
Households and institutions	3,222	3,701	7.0	5.6
Rest of the world	0	4	0	0
Nonfarm ordinary business	30,434	47,040	100.0	100.0
Corporate business	19,929	31,156	65.5	66.2
Sole proprietorships and partnerships	10,505	15,884	34.5	33.8

Source: U.S. Department of Commerce, Office of Business Economics.

Elimination of agricultural and government workers serves to raise the relative share of corporations. For example, corporate employment, which currently accounts for less than one-half of all workers, represents two-thirds of the more restricted group of persons engaged in nonfarm ordinary business.

Corporate employment a stable fraction

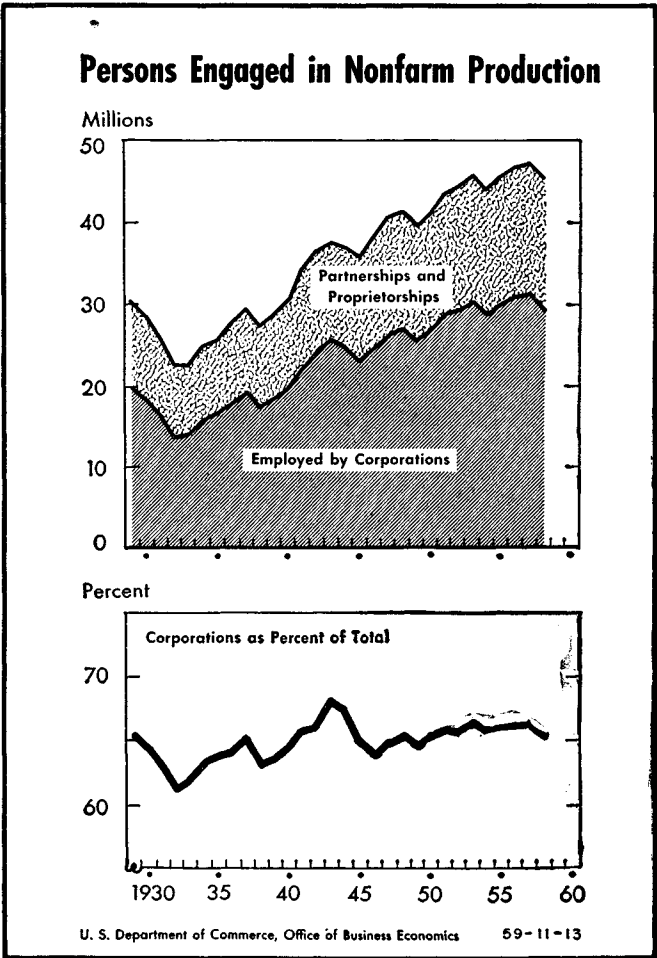
The long-term pattern of the distribution of employment as between corporations on the one hand and proprietorships and partnerships on the other, appears quite different when attention is focused on nonfarm ordinary business instead of the economy as a whole. In place of a rise in the corporate share of employment and a marked fall for proprietorships and partnerships, a very stable distribution pattern emerges.

The percent of persons engaged in nonfarm ordinary business who were working for corporations remained in the range between 63 and 66 percent in almost every year of the period 1929-57. Over the long-run there was a very slight increase in the corporate fraction. It is to be noted again that these figures should not be taken as absolutely precise. As explained in the technical notes, changes in the proportions of corporate and noncorporate business within individual

industries prior to 1939 could not be taken fully into account because of lack of data, and comprehensive information for the period since 1954 has not yet become available. Accordingly, the long-run comparisons which are made further below, even though stated in terms of the years 1929 and 1957, should be interpreted more broadly as bringing out changes in the recent situation as compared with the one typical of the basic industrial and legal form structure of the economy in the decade before World War II.

The corporate share of employment has been sensitive to cyclical influences, declining somewhat in each period of business downturn. (See accompanying chart.) This is because corporations are highly concentrated in manufacturing and transportation which are more sensitive cyclically than the industries in which sole proprietorships and partnerships predominate. The sharpest cyclical fall occurred in the depression of the early 1930's, when the corporate fraction was down as low as 61 percent. Decreases appeared also in the recession years of 1938, 1949, 1954, and 1958. Due to limitations in the data, the cyclical movements that are measured mirror in general only cyclical changes in the industrial structure of employment and do not take into account possible cyclical differences in the movement of the number of corporate and noncorporate employees within industries.

During World War II there was also a sharp fall in the corporate share of employment. This was reversed in the postwar years as corporations that had shifted to the partnership form of organization because of the tax advantages to be gained, became corporations once the corporate excess profits tax was removed. In the early years of the war up through 1943, the shift away from corporations was more than offset in the all-industry figures by the striking increase



1. These publications may be purchased at a cost of \$1.50 each from the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C., and from the Field Offices of the U.S. Department of Commerce.

that took place in manufacturing employment where the corporate form of organization predominates. The shift back to corporations that began in 1946 was similarly masked at first by a decrease in manufacturing employment during the reconversion.

**Table 2.—Average Annual Earnings Per Full-Time Nonfarm Employee, Selected Years, 1929–58**

	Corporate business	Sole proprietorships and partnerships	Ratio: Corporate to sole proprietorships and partnerships
1929.....	\$1,664	\$1,285	1.29
1948.....	3,166	2,402	1.32
1953.....	4,105	3,000	1.37
1957.....	4,824	3,474	1.39
1958.....	4,980	3,583	1.39

Source: U.S. Department of Commerce, Office of Business Economics.

It is of interest to determine whether the long-run stability in the corporate share of ordinary nonfarm business employment was due to genuine stability in the corporate-noncorporate employment ratios holding within industries, or whether changes in these ratios did occur but were offset by changes in industry mix—that is, by shifts in the distribution of employment among industries characterized by different corporate-noncorporate employment ratios.

The relative importance of the two factors can be approximately measured by comparing the actual overall corporate-

noncorporate employment ratios in 1929 and 1957 with the hypothetical ratios that would have obtained if (a) the proportion of corporate to noncorporate employment in each industry, or (b) the distribution of employment among industries, had remained unchanged as between the 2 terminal years.

Results obtained by applying this technique to the employment data for nonfarm ordinary business indicate that neither of the two types of shift was very large, and that they operated in opposite directions.

Shifts in the legal-form distribution of employment within industries served to increase the all-industry corporate fraction by somewhat over 2 percentage points, while shifts in industrial composition operated to reduce the fraction by just under 2 percentage points.

The ratio of corporate to noncorporate employment tended to increase in the majority of industries over this period. By contrast, the effect of changes in the industrial pattern of employment upon the overall corporate-noncorporate ratio varied from industry to industry.

The decrease in the relative importance of the predominantly corporate railroad industry, for instance, was a major factor in dampening the rise of the all-industry corporate percentage. The rapid growth of employment in retail trade and contract construction had a similar effect; in spite of the increase in the corporate share within these industries, the noncorporate rather than the corporate form of organization continues to predominate in them. (It should be noted, however, that in retail trade and construction the effect of increases in the corporate share more than offset the dampening effect of industry-mix upon the all-industry corporate employment fraction.)

Manufacturing provides an important instance in which industry shifts contributed to the increase in the overall corporate employment share. Employment in this industry, which is predominantly corporate, has increased faster than in nonfarm ordinary business as a whole.

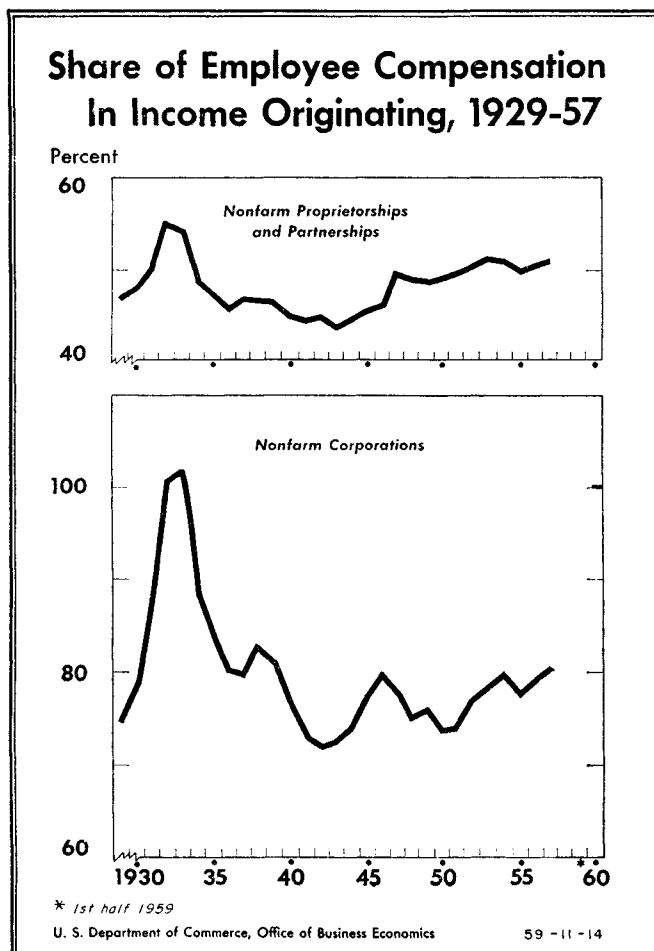
### *Average annual earnings*

Throughout the past three decades, average earnings of full-time employees were substantially higher in corporations than in proprietorships and partnerships. As table 2 indicates, the gap appears to have widened over this period; for nonfarm ordinary business as a whole, average corporate earnings exceeded the noncorporate average by approximately 30 percent in 1929 and by about 40 percent in 1957.

Average earnings in corporations and in noncorporate business are derived by dividing the new breakdowns of full-time equivalent employees into the annual wage and salary series for the two legal forms of organization.

The generally higher average payroll per employee in corporate enterprises reflects in part the inclusion of relatively high-paid executives in the corporate data. In proprietorships and partnerships, in contrast, the remuneration of the entrepreneur who performs some of the same executive functions is not included under wages and salaries but appears as net business income. This income of the self-employed (which also includes a return on their capital investment) is substantially higher than the average pay of noncorporate employees.

The overall spread between employee earnings in corporate and noncorporate enterprises also stems in part from differences in the industrial distribution of the two types of enterprise. On the average, corporate employment is relatively more concentrated in industries in which wages and salaries are comparatively high than is noncorporate employment. Thus, in 1957 the spread in average earnings of employees



between corporate and noncorporate enterprises, which amounted to \$1,300, would have been reduced by about \$300 if the same industrial distribution for both types of enterprise had prevailed.

Most of the spread, however, traces back to differences within individual industries. Average payrolls per employee were generally higher in corporate than in noncorporate enterprises for all major industry divisions. The gap appears also for practically all more detailed industry groupings covered in recent industrial censuses.

Intra-industry corporate-noncorporate differentials in average payrolls reflect such factors as the larger number of employees in corporate establishments and the consequently greater need for higher paid supervisory personnel. Corporate firms also are relatively more numerous in large cities where average earnings are higher than in smaller cities and towns.

**Table 3.—Percent Distribution of National Income Originating in Nonfarm Corporations and Sole Proprietorships and Partnerships, by Major Type of Income, 1929 and 1947-57**

	Corporate business			Sole proprietorships and partnerships		
	Total	Compensation of employees	Corporate profits <sup>1</sup> and net interest	Total	Compensation of employees	Proprietors' income <sup>1</sup> and net interest
1929.....	100.0	74.6	25.4	100.0	46.5	53.5
1947.....	100.0	77.6	22.4	100.0	49.9	50.1
1948.....	100.0	74.8	25.2	100.0	48.8	51.2
1949.....	100.0	76.0	24.0	100.0	48.6	51.4
1950.....	100.0	73.7	26.3	100.0	49.0	51.0
1951.....	100.0	73.9	26.1	100.0	49.5	50.5
1952.....	100.0	76.7	23.3	100.0	50.1	49.9
1953.....	100.0	78.4	21.6	100.0	51.1	48.9
1954.....	100.0	79.9	20.1	100.0	50.8	49.2
1955.....	100.0	77.2	22.8	100.0	49.8	50.2
1956.....	100.0	79.2	20.8	100.0	50.4	49.6
1957.....	100.0	80.1	19.9	100.0	50.7	49.3

1. Includes inventory valuation adjustment.

Source: U.S. Department of Commerce, Office of Business Economics.

The increase from 1929 to 1957 in the overall spread between average employee earnings in corporate and noncorporate firms that is summarized in table 2 can be traced in large degree to manufacturing. This rise in the manufacturing differential was due both to a widening of the spread in many industries and to a faster growth of the industries in which the spread was relatively wide. In most industries outside manufacturing the spread between corporate and noncorporate average payrolls narrowed over the three decades.

Recent developments in fringe benefits have tended to reinforce the pattern of corporate-noncorporate wage-salary differentials reviewed in this section.

### Pattern of income distribution

The preceding discussion has been in terms of the distribution of employment between corporate and noncorporate enterprises within the nonfarm ordinary business sector. The basic data can be rearranged to indicate how the national income originating within these two types of enterprise is distributed among major types of income, and the extent to which the distributions have changed over past decades.

The relative importance of employee compensation in the income total has not been uniform over the 30-year span covered. (See table 3.) For corporations, the share of employee compensation has increased during the postwar period, particularly from the 1950-51 lows. This development has been discussed in various OBE publications in

terms of the converse movements in corporate profits. Owing to the operation of special and cyclical factors in this period, it is not possible at this time to assess in conclusive terms the trend significance of these postwar changes in income shares.

In nonfarm proprietorships and partnerships compensation of employees accounted for 46½ percent of total income originating in 1929, as compared with a somewhat higher, and moderately rising ratio during the 1947-58 period.

The increase in overall employee share from 1929 to 1957 has been examined to determine the extent to which it reflects changes in the distribution of income types within industries, as against changes in industry-mix. The statistical procedure was similar to that described above for the comparable analysis of the factors underlying shifts in employment.

This examination indicates that the significant changes underlying the overall rise of 4 percentage points in employee share between 1929 and 1957 were increases within industries in the relative importance of employee compensation in the income total. The effect of this factor taken alone would have been to raise the overall employee share by more than 5 percentage points between 1929 and 1957. Changes in the industry mix operated to reduce the share by about 1 percentage point.

The increase in the employee compensation fraction of the noncorporate income total between 1929 and 1957 stemmed mainly from a larger increase in the number of employees than in the self employed. This tendency held for most of the industries important in the noncorporate area. In terms of the all-industry total, full-time equivalent employees of nonfarm proprietorships and partnerships increased about 60 percent over the period as compared with about 40 percent for active proprietors.

Very little of the rise in employee share was due to a more rapid increase in average earnings of employees than in average business and professional income of the self-employed. The ratio of average compensation per employee to average business and professional income per active proprietor was only slightly higher in 1957 than in 1929.

### Methods of computation

The employment series presented in this report were obtained by adding estimates of the number of self-employed, implicit in table VI-16 of *U.S. Income and Output* and table 28 of the 1954 *National Income* supplement, and new breakdowns of the number of employees by legal form of organization, whose derivation is described below. To insure internal consistency, national aggregates of employees were allocated among the various legal forms of organization by the same procedures as wages and salaries. Three basic methods were used:

1. *Distinctive legal-form.* In some instances, e.g., private households, general government, and government enterprises, an entire industry is located in a single legal form of organization. In other cases, annual data are available in considerable detail, and all of a given industrial subgrouping is located within a single legal form. This is true, for example, of stock exchanges and chambers of commerce (classified as "other private business") and religious organizations and the Red Cross (classified as "institutions").

2. *Census-based method.* The economic censuses (mining, construction, manufacturing, trade, and selected services) show the following legal-form breakdowns: individuals, partners, corporations, cooperatives, and "other." The latter consists largely of businesses run by executors, administrators and receivers. Individuals, partners and "other" were combined to give sole proprietorships and partnerships;

Table 4.—Persons Engaged in Production,

[In thousands]

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
<b>Persons engaged in production, total</b> <sup>1</sup>	46,216	44,080	41,042	37,565	38,052	41,398	42,908	45,980	47,157	45,283	46,605	48,486
Full-time equivalent employees	35,896	33,769	30,690	27,215	27,681	30,905	32,263	35,413	36,662	34,945	36,339	38,336
Active proprietors	10,320	10,311	10,352	10,350	10,371	10,493	10,645	10,567	10,495	10,338	10,266	10,150
Corporate business	20,303	18,733	16,445	14,181	14,388	16,064	16,758	18,063	19,491	17,624	18,680	20,036
Sole proprietorship and partnerships	19,100	18,541	17,965	17,119	16,997	17,555	17,960	18,432	18,626	18,161	18,281	18,445
Full-time equivalent employees	8,780	8,230	7,613	6,769	6,626	7,062	7,315	7,865	8,131	7,823	8,015	8,295
Active proprietors	10,320	10,311	10,352	10,350	10,371	10,493	10,645	10,567	10,495	10,338	10,266	10,150
Other private business	407	408	398	386	383	414	427	443	466	471	494	509
Government enterprises	409	416	415	401	399	428	446	462	474	492	503	535
General government	2,775	2,902	2,984	2,960	3,473	4,303	4,585	5,686	5,056	5,661	5,630	5,732
Households and institutions	3,222	3,080	2,834	2,517	2,411	2,633	2,731	2,893	3,043	2,873	3,016	3,227
Rest of the world	0	0	1	1	1	1	1	1	1	1	1	2
<b>Nonfarm ordinary business, total</b>	30,434	28,518	25,644	22,646	22,663	24,803	25,789	27,643	29,502	27,467	28,903	30,649
Corporate business	19,929	18,382	16,104	13,863	14,073	15,749	16,441	17,735	19,169	17,315	18,380	19,741
Sole proprietorships and partnerships	10,505	10,136	9,540	8,783	8,590	9,054	9,348	9,908	10,333	10,152	10,523	10,908
Full-time equivalent employees	5,751	5,391	4,851	4,193	4,076	4,515	4,754	5,212	5,529	5,325	5,588	5,911
Active proprietors	4,754	4,745	4,689	4,590	4,514	4,539	4,594	4,696	4,804	4,827	4,935	4,997

1. This series falls short of total man-years of full-time employment, because of the exclusion of unpaid family workers.

2. Consists of sole proprietors and partners of unincorporated enterprises, and of independent professional persons, devoting the major portion of their time to the business or profession.

Table 5.—National Income Originating in Nonfarm Ordinary

[Millions of dollars]

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
<b>Total</b>	61,802	52,498	39,513	26,065	24,319	32,292	37,079	44,162	50,733	44,874	49,709	57,593
Corporate business	45,067	38,391	28,285	18,407	17,298	23,325	26,915	32,154	37,466	32,152	36,065	42,298
Compensation of employees	33,597	30,174	24,789	18,531	17,553	20,568	22,547	25,723	29,933	26,651	29,181	32,213
Wages and salaries	33,165	29,757	24,409	18,202	17,251	20,231	22,181	25,090	28,645	25,241	27,662	30,582
Supplements to wages and salaries	432	417	380	329	302	337	366	633	1,288	1,410	1,519	1,631
Corporate profits <sup>1</sup> and net interest	11,470	8,217	3,496	-124	-255	2,757	4,368	6,431	7,533	5,501	6,884	10,085
Sole proprietorships and partnerships	16,015	14,107	11,228	7,658	7,021	8,967	10,164	12,008	13,267	12,722	13,644	15,295
Compensation of employees	7,447	6,743	5,617	4,230	3,806	4,365	4,761	5,461	6,179	5,902	6,320	6,835
Wages and salaries	7,388	6,682	5,561	4,183	3,765	4,322	4,716	5,372	5,968	5,653	6,057	6,559
Supplements to wages and salaries	59	61	56	47	41	43	45	89	211	249	263	276
Proprietors' income <sup>1</sup> and net interest	8,568	7,364	5,611	3,428	3,215	4,602	5,403	6,547	7,088	6,820	7,324	8,460

1. Includes inventory valuation adjustment.

cooperatives were included in "other private business." Census data for central administrative offices and auxiliaries were ascribed to corporations.

In some cases, the census industrial data had to be re-grouped for comparability with later censuses; in others where the census did not cover an entire two-digit industry, the figures were supplemented by data from other sources. In instances in which the requisite census data were available, the census numbers of full and part-time employees in each legal form of organization were adjusted to a full-time equivalent basis in order to make possible the calculation of meaningful average annual earnings series. The adjustment procedures and definitions of terms are described in Edward F. Denison, "Revised Estimates of Wages and Salaries in the National Income, 1929-43," *SURVEY OF CURRENT BUSINESS*, June 1945. From the census totals so derived, percentage distributions of full-time equivalent employees by legal form were ascertained for the benchmark years, usually 1939, 1947-48 and 1954, although in a few instances all three were not available. These distributions were applied against the number of employees in the respective industries as shown in table VI-13 of U.S. Income and Output and table 25 of the 1954 National Income supplement.

3. *Internal-Revenue-Service-based method.* For most private industries not covered above, distributions of payrolls as between corporations and noncorporate enterprises were developed for benchmark years on the basis of data reported on corporate, individual, and partnership income tax returns.

The corporate-noncorporate allocation of payrolls in these industries was assumed to apply also to employees.

*Interpolation and extrapolation.* For the period prior to 1939, census data on legal form of organization for manufacturing and retail trade were taken into account. However, for other industry groups, the 1939 percentages had to be kept constant for lack of pertinent information. For the period after 1954, changes in legal form, as reflected in corporate-noncorporate sales or receipts, were allowed for in wholesale and retail trade and construction; ratios for other industries were held constant pending the availability of later census data. In view of the general stability of the legal form ratios, it is unlikely that this introduces a serious error into the estimates.

Between census years, estimates of corporate and noncorporate sales or receipts were used as a basis for interpolating the distribution of employees in trade and construction by legal form of organization. Similar techniques were used for manufacturing for the years 1942-47 to allow for the significant shifts in legal form of organization that occurred. Straightline interpolation between census years was applied in other industries except those for which annual data were available.

*Effect of industry mix and within-industry changes.* For a description of techniques and problems involved in distinguishing between the effects of changes in industry mix and the effects of changes in within-industry composition on all-industry ratios, see the technical appendix to the article on "Corporate Profits Since World War II," January 1956 issue of the *SURVEY*, page 20.

## by Legal Form of Organization, 1929-58

[In thousands]

1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
53,112	57,992	63,670	64,694	63,062	57,379	57,652	58,581	57,202	58,731	62,780	64,096	65,070	63,351	64,794	66,345	66,618	64,831
43,022	48,045	54,239	55,421	53,713	47,466	47,453	48,370	47,108	48,675	52,864	54,135	55,201	53,483	54,827	56,400	56,730	55,104
10,090	9,947	9,431	9,273	9,349	9,913	10,199	10,211	10,094	10,056	9,916	9,961	9,869	9,868	9,967	9,945	9,888	9,727
22,878	24,647	26,053	25,194	23,485	24,739	26,506	27,247	25,927	27,003	28,886	29,396	30,377	29,175	30,257	31,206	31,346	29,629
19,221	19,741	19,216	19,004	19,226	20,539	20,916	20,917	20,407	20,405	20,651	20,778	20,772	20,460	20,662	20,988	20,852	20,607
9,131	9,794	9,785	9,731	9,877	10,626	10,717	10,706	10,313	10,349	10,735	10,817	10,903	10,592	10,695	11,043	10,964	10,880
10,090	9,947	9,431	9,273	9,349	9,913	10,199	10,211	10,094	10,056	9,916	9,961	9,869	9,868	9,967	9,945	9,888	9,727
529	516	500	485	488	546	562	579	607	638	665	679	706	719	740	769	797	804
589	675	771	630	643	687	664	720	753	754	777	846	842	841	842	847	864	877
6,748	9,171	14,208	16,507	16,369	8,104	6,008	6,080	6,401	6,626	8,483	9,190	9,151	8,976	8,849	8,916	9,054	9,106
3,144	3,237	2,915	2,869	2,846	2,759	2,931	3,033	3,102	3,300	3,313	3,201	3,217	3,175	3,439	3,615	3,701	3,804
3	5	7	5	5	5	5	5	5	5	5	6	5	5	5	4	4	4
34,369	36,830	37,905	37,114	35,812	38,440	40,637	41,417	39,780	41,124	43,670	44,459	45,554	44,047	45,451	46,855	47,040	45,160
22,586	24,384	25,809	24,980	23,288	24,542	26,311	27,053	25,740	26,830	28,707	29,223	30,203	28,982	30,067	31,014	31,156	29,433
11,783	12,446	12,096	12,134	12,524	13,898	14,326	14,364	14,040	14,294	14,963	15,236	15,351	15,065	15,384	15,841	15,884	15,727
6,771	7,502	7,593	7,714	7,955	8,634	8,645	8,563	8,248	8,432	8,926	9,069	9,142	8,855	8,959	9,314	9,259	9,121
5,012	4,944	4,503	4,420	4,569	5,264	5,681	5,801	5,792	5,862	6,037	6,167	6,209	6,210	6,395	6,527	6,625	6,606

Source: U.S. Department of Commerce, Office of Business Economics.

## Business, by Legal Form of Organization, 1929-58

[Millions of dollars]

1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
75,800	97,761	117,268	121,896	116,517	125,030	143,852	163,302	158,058	177,658	203,718	211,628	224,067	218,482	243,697	259,036	268,747	260,264
56,247	72,658	87,778	89,802	82,108	85,936	104,320	119,992	115,167	131,889	152,896	158,174	168,647	162,900	183,880	194,826	202,809	194,081
40,917	52,124	63,391	66,312	63,268	68,735	80,922	89,802	87,496	97,180	113,040	121,353	132,156	130,145	141,905	154,367	162,464	158,627
38,936	49,796	60,557	63,134	60,101	65,518	77,012	85,663	83,133	91,522	105,976	113,838	123,990	121,626	132,234	143,495	150,304	146,569
1,981	2,328	2,834	3,178	3,167	3,217	3,910	4,139	4,363	5,658	7,064	7,515	8,166	8,519	9,671	10,872	12,160	12,058
15,330	20,534	24,387	23,490	18,840	17,201	23,398	30,190	27,671	34,709	39,856	36,821	36,491	32,755	41,975	40,459	40,345	35,454
19,553	25,103	29,490	32,094	34,409	39,094	39,532	43,310	42,891	45,769	50,822	53,454	55,420	55,582	59,817	64,210	65,938	66,183
8,660	11,256	12,810	14,199	15,542	17,974	19,743	21,144	20,862	22,410	25,158	26,795	28,333	28,252	29,800	32,336	33,453	34,008
8,314	10,838	12,368	13,732	15,043	17,434	19,141	20,567	20,259	21,659	24,299	25,920	27,429	27,264	28,730	31,156	32,167	32,681
346	418	442	467	499	540	602	577	603	751	859	875	904	988	1,070	1,180	1,286	1,327
10,893	13,847	16,680	17,895	18,867	21,120	19,789	22,166	22,029	23,359	25,664	26,659	27,087	27,330	30,017	31,874	32,485	32,175

Source: U.S. Department of Commerce, Office of Business Economics.

## Defense Expenditures Abroad

(Continued from page 17)

## Sales of military equipment expand

Military operations also encompass several major programs to sell military goods. Most of our receipts from sales result from the mutual security military sales program which enables our allies to purchase military equipment and services from the U.S. Government. Such items are often procured for them on the domestic market or transferred from stocks of the Department of Defense located here or abroad. The value of goods shipped and of the repair, training, and similar services made available was almost \$1.3 billion by June 1959. These sales have increased sharply since the beginning of 1957 when the first shipments were made to Germany. By June 1959 shipments to Germany totaled \$365 million.

Canada was the largest purchaser of U.S. military equipment prior to 1957 because of the two-way buying program established by the two countries after the invasion of South Korea. Under this arrangement Canadian purchases in the United States to supply the Canadian forces with U.S. stand-

ardized equipment are being offset by U.S. expenditures in Canada for electronics equipment, aircraft, and military supplies.

The Armed Forces of the United States also provide materials, facilities, and services on a reimbursable basis to foreign countries and international organizations under various logistical support programs. Most of the other receipts of the military agencies abroad have been in the form of proceeds from the sale of property excess to their needs. Currently such proceeds amount to some \$80 million a year.

The total receipts of the U.S. Government from these various programs averaged about \$180 million a year during the 4 years prior to 1957. Primarily because of sales to Germany, they rose to \$370 million in 1957 and declined in the following year to \$300 million. When these receipts are deducted from total U.S. defense expenditures, net expenditures in 1958 were \$3.1 billion.

REVISED STATISTICAL SERIES.—Indexes of Prices Received by Farmers, 1952-58: Revised Data for Page S-5<sup>1</sup>

[1910-14=100]

Year and month	All farm products	Crops									Livestock and products				
		Total	Com- mercial vege- tables	Cotton	Feed grains and hay	Food grains	Fruit	Oil- bearing crops	Potatoes (includ- ing dry edible beans)	Tobacco	Total	Dairy products	Meat animals	Poultry and eggs	Wool
1952: January	299	273	301	326	242	252	178	303	281	431	321	318	375	207	338
February	293	264	249	313	237	249	178	296	283	436	318	320	375	189	317
March	291	268	294	305	236	252	186	284	296	435	311	306	370	184	302
April	292	275	341	312	237	250	184	279	319	435	307	290	371	185	288
May	291	269	311	305	235	245	181	280	319	436	311	281	388	177	299
June	290	274	294	322	233	239	191	289	351	437	305	278	375	183	299
July	292	272	289	313	234	230	199	308	348	436	310	288	370	209	299
August	294	270	240	321	240	236	189	310	357	436	314	297	366	226	298
September	288	267	203	332	242	241	202	305	294	428	306	309	343	226	294
October	290	260	220	312	226	241	202	298	278	430	298	321	320	225	297
November	275	256	252	289	220	249	177	296	287	416	291	322	300	236	297
December	267	255	261	270	224	249	186	298	267	428	277	309	284	223	297
Monthly average	288	267	271	310	234	244	188	296	307	432	306	303	353	206	302
1953: January	266	251	249	253	221	248	199	291	273	421	278	293	297	221	290
February	261	246	254	256	212	244	192	285	240	423	273	281	299	211	294
March	261	250	240	268	214	250	200	297	223	424	271	269	294	219	300
April	257	246	238	267	211	249	197	296	196	424	267	253	294	221	304
May	259	246	237	269	211	246	200	293	188	425	270	242	307	219	313
June	251	243	261	267	203	227	222	283	165	425	259	239	289	214	316
July	254	234	235	270	203	222	187	265	169	427	271	249	303	223	308
August	251	232	206	278	204	217	190	261	160	436	268	258	291	228	306
September	253	233	194	280	205	220	199	253	162	456	270	272	287	227	304
October	246	229	204	275	192	225	187	259	145	444	262	284	263	230	303
November	246	232	218	269	192	231	191	273	144	447	258	287	258	221	296
December	250	235	229	260	201	232	190	287	134	447	263	279	276	216	298
Monthly average	255	240	230	268	206	234	196	279	183	433	268	267	288	221	303
1954: January	254	236	238	254	204	235	190	288	132	440	270	268	298	212	297
February	254	236	227	257	205	237	189	296	127	444	269	258	303	208	297
March	252	239	224	263	206	239	194	312	112	443	263	248	305	192	294
April	253	244	245	267	206	235	194	332	124	443	262	227	318	183	302
May	252	248	238	272	206	228	207	336	195	445	255	217	313	174	306
June	244	245	202	273	203	215	230	331	219	445	242	216	288	174	310
July	243	249	215	272	200	224	247	329	224	444	237	228	270	176	307
August	246	248	191	288	205	227	243	320	201	437	243	239	275	181	302
September	242	245	179	292	206	232	248	272	178	448	240	254	268	164	297
October	237	239	198	293	201	235	201	274	154	443	236	265	259	155	293
November	237	238	225	280	196	239	186	276	175	439	236	269	255	160	287
December	234	237	213	276	199	239	182	277	176	440	231	264	249	156	284
Monthly average	246	242	216	274	203	232	209	304	169	443	249	246	283	178	298
1955: January	238	240	232	275	200	240	194	275	182	430	235	256	257	167	282
February	240	240	248	268	200	239	186	275	191	437	241	251	257	193	279
March	240	239	238	269	195	238	196	269	192	437	241	241	255	206	275
April	241	245	247	270	194	235	207	261	289	437	238	232	263	192	261
May	236	243	235	266	198	239	201	257	273	436	231	224	257	183	256
June	235	234	210	265	193	223	222	253	198	435	235	223	266	183	253
July	232	230	200	271	187	222	226	249	160	440	233	233	255	184	252
August	229	222	201	277	175	214	208	242	138	425	235	244	248	194	240
September	231	221	204	285	170	210	203	221	126	431	240	257	246	203	234
October	227	217	209	277	162	231	192	226	120	440	235	269	237	194	219
November	222	219	228	274	159	231	194	226	134	451	223	271	212	191	215
December	219	219	216	263	166	222	199	230	135	444	218	267	200	200	221
Monthly average	232	231	223	272	183	228	202	249	178	437	234	247	246	191	249
1956: January	222	223	228	259	168	221	203	237	158	451	221	258	208	202	212
February	222	226	249	262	169	221	199	242	170	450	219	252	215	188	221
March	224	229	247	267	171	223	196	253	194	450	219	244	220	188	226
April	229	236	228	274	182	229	200	270	224	451	223	237	235	182	231
May	235	245	238	270	189	212	202	270	205	452	228	237	245	179	237
June	238	252	259	273	190	219	234	285	341	453	226	235	246	173	238
July	237	248	241	273	192	216	219	259	389	454	227	244	242	175	238
August	234	235	199	263	195	218	230	251	216	450	233	253	254	170	232
September	233	231	185	275	193	222	236	230	152	451	235	266	251	169	237
October	230	228	207	270	175	226	239	236	135	450	231	276	239	164	232
November	229	234	255	270	179	232	214	253	147	451	226	281	228	160	261
December	229	232	244	262	182	234	203	254	151	457	227	274	233	162	267
Monthly average	230	235	232	268	182	224	215	255	212	452	226	255	235	176	238
1957: January	231	231	225	256	183	236	210	257	153	458	232	269	248	155	275
February	229	228	222	255	178	235	208	251	145	457	230	263	245	157	272
March	230	229	223	252	178	236	221	253	137	457	232	254	259	152	289
April	232	229	247	258	177	233	206	251	131	458	235	245	271	150	296
May	233	230	256	266	176	226	200	250	143	457	235	237	277	146	315
June	233	227	252	270	170	219	204	246	143	457	239	235	284	148	311
July	239	228	244	273	167	219	207	245	159	463	248	244	293	157	311
August	242	228	218	278	166	218	216	248	164	478	255	255	297	167	305
September	240	222	194	279	159	218	208	237	158	484	255				



# Monthly BUSINESS STATISTICS



THE STATISTICS here are a continuation of the data published in the 1959 edition of BUSINESS STATISTICS, biennial Statistical Supplement to the SURVEY OF CURRENT BUSINESS. That volume (price \$2.25) contains monthly (or quarterly) data for the years 1955 through 1958 and monthly averages for all years back to 1929 insofar as available; it also provides a description of each series and references to sources of monthly figures prior to 1955. Series added or significantly revised since publication of the 1959 BUSINESS STATISTICS are indicated by an asterisk (\*) and a dagger (†), respectively; certain revisions for 1958 issued too late for inclusion in the aforementioned volume appear in the monthly SURVEY beginning with the July 1959 issue. Except as otherwise stated, the terms "unadjusted" and "adjusted" refer to adjustment for seasonal variation.

Statistics originating in Government agencies are not copyrighted and may be reprinted freely. Data from private sources are provided through the courtesy of the compilers, and are subject to their copyrights.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October

## GENERAL BUSINESS INDICATORS

NATIONAL INCOME AND PRODUCT														
Seasonally adjusted quarterly totals at annual rates:														
National income, total..... bil. of dol.	369.5			380.4			389.4			403.9				
Compensation of employees, total..... do.	258.5			262.9			269.9			278.9			279.3	
Wages and salaries, total..... do.	241.1			245.1			250.9			259.4			259.5	
Private..... do.	197.1			200.8			206.2			214.0			213.5	
Military..... do.	10.0			9.9			9.8			9.8			9.8	
Government civilian..... do.	34.0			34.4			34.8			35.6			36.3	
Supplements to wages and salaries..... do.	17.5			17.8			19.0			19.6			19.8	
Proprietors' income, total <sup>♂</sup> ..... do.	46.8			47.4			46.9			46.6			45.1	
Business and professional <sup>♂</sup> ..... do.	32.6			33.2			33.7			34.5			34.8	
Farm..... do.	14.2			14.1			13.2			12.1			10.3	
Rental income of persons..... do.	11.9			11.9			12.0			12.0			12.0	
Corporate profits and inventory valuation adjustment, total..... bil. of dol.	38.0			43.5			45.5			51.0				
Corporate profits before tax, total..... do.	38.3			44.6			46.5			52.6				
Corporate profits tax liability..... do.	18.8			21.9			22.6			25.6				
Corporate profits after tax..... do.	19.5			22.7			23.8			27.0				
Inventory valuation adjustment..... do.	-3			-1.1			-9			-1.6				
Net interest..... do.	14.4			14.7			15.1			15.4			15.8	
Gross national product, total..... do.	444.0			457.1			470.2			484.5			478.6	
Personal consumption expenditures, total..... do.	294.4			299.1			303.9			311.2			313.3	
Durable goods..... do.	37.1			39.8			41.3			44.1			43.6	
Nondurable goods..... do.	143.1			143.6			145.3			147.7			148.0	
Services..... do.	114.2			115.7			117.4			119.4			121.6	
Gross private domestic investment, total..... do.	54.2			61.3			69.8			77.5			67.0	
New construction..... do.	35.4			37.3			39.7			41.0			41.0	
Producers' durable equipment..... do.	22.2			23.2			23.9			26.0			27.0	
Change in business inventories..... do.	-3.4			.8			6.1			10.4			-1.0	
Net exports of goods and services..... do.	1.6			.2			-.9			-1.8			.0	
Exports..... do.	23.1			22.7			21.5			22.1			24.1	
Imports..... do.	21.5			22.5			22.4			23.9			24.1	
Government purchases of goods and services, total..... bil. of dol.	93.8			96.5			97.4			97.7			98.4	
Federal (less Government sales)..... do.	53.1			54.2			53.8			53.9			53.6	
National defense <sup>♀</sup> ..... do.	44.5			45.3			45.8			46.2			45.9	
State and local..... do.	40.8			42.2			43.6			43.8			44.8	
Personal income, total..... do.	363.4			366.3			371.8			381.1			381.0	
Less: Personal tax and nontax payments..... do.	42.9			43.4			44.4			45.8			45.9	
Equals: Disposable personal income..... do.	320.4			322.9			327.4			335.3			335.1	
Personal savings <sup>§</sup> ..... do.	26.0			23.7			23.5			24.1			21.9	
GNP in constant (1954) dollars														
Gross national product, total..... bil. of dol.	400.9			410.8			420.6			431.8			424.3	
Personal consumption expenditures, total..... do.	275.0			278.4			282.3			288.3			288.8	
Durable goods..... do.	35.3			37.5			38.8			41.2			40.6	
Nondurable goods..... do.	135.3			135.6			137.3			139.7			139.1	
Services..... do.	104.4			105.3			106.2			107.4			108.8	
Gross private domestic investment, total..... do.	46.6			53.0			59.7			65.7			59.4	
New construction..... do.	31.2			32.6			34.3			35.1			34.9	
Producers' durable equipment..... do.	18.6			19.3			19.8			21.3			22.1	
Change in business inventories..... do.	-3.2			1.1			5.6			9.2			-.6	
Net exports of goods and services..... do.	.5			-1.4			-2.7			-3.5			-1.9	
Government purchases of goods and services, total..... bil. of dol.	78.9			80.8			81.3			81.4			81.0	
Federal..... do.	44.3			45.2			44.9			45.0			44.1	
State and local..... do.	34.6			35.5			36.4			36.4			36.9	

\* Revised. <sup>♂</sup>Includes inventory valuation adjustment. <sup>♀</sup>Government sales are not deducted.

<sup>§</sup>Personal saving is excess of disposable income over personal consumption expenditures shown as a component of gross national product above.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Septem- ber	October

## GENERAL BUSINESS INDICATORS—Continued

PERSONAL INCOME, BY SOURCE														
Seasonally adjusted, at annual rates:														
Total personal income.....bil. of dol.	364.2	364.3	367.5	366.9	369.0	371.0	375.4	379.0	381.3	383.8	383.4	380.0	* 380.9	381.9
Wage and salary disbursements, total.....do.	242.5	242.1	246.1	247.0	248.7	250.1	254.0	257.3	259.8	261.7	261.5	258.8	* 259.2	259.0
Commodity-producing industries, total.....do.	99.3	98.7	101.8	102.2	102.8	103.5	106.3	108.6	109.8	110.9	109.9	106.8	* 106.8	106.2
Manufacturing only.....do.	77.9	76.9	79.7	80.6	80.9	81.7	83.8	85.4	86.7	87.7	86.9	84.0	* 84.4	83.7
Distributive industries.....do.	64.1	64.1	64.7	64.7	65.6	66.0	66.6	66.9	67.5	68.0	68.4	68.3	* 68.3	68.4
Service industries.....do.	35.0	35.2	35.3	35.6	35.6	36.0	36.4	36.8	37.1	37.2	37.3	37.6	* 37.8	37.9
Government.....do.	44.1	44.1	44.3	44.4	44.6	44.7	44.8	45.0	45.4	45.6	45.9	46.0	* 46.2	46.4
Other labor income.....do.	9.3	9.3	9.4	9.4	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.1	* 10.2	10.2
Proprietors' income:														
Business and professional.....do.	32.8	33.2	33.1	33.4	33.5	33.7	34.0	34.3	34.5	34.7	34.9	34.9	* 34.8	34.9
Farm.....do.	14.3	14.2	14.1	14.2	13.5	13.2	12.9	12.2	12.0	12.1	11.4	10.0	* 9.6	10.0
Rental income of persons.....do.	11.9	11.9	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	* 12.0	12.0
Dividends.....do.	12.6	12.6	12.6	10.8	12.7	12.8	12.8	12.9	13.0	13.1	13.2	13.4	* 13.5	13.5
Personal interest income.....do.	20.6	20.7	20.8	21.0	21.1	21.3	21.6	21.8	22.0	22.2	22.4	22.7	* 23.0	23.3
Transfer payments.....do.	27.3	27.4	26.6	26.3	26.1	26.4	26.6	26.9	26.4	26.4	26.3	26.5	* 27.0	27.3
Less personal contributions for social insur.....do.	7.1	7.1	7.1	7.1	8.1	8.1	8.2	8.3	8.3	8.4	8.4	8.4	* 8.4	8.4
Total nonagricultural income.....do.	346.1	346.3	349.6	348.8	351.6	353.8	358.5	362.7	365.3	367.8	368.2	366.3	* 367.5	368.0
NEW PLANT AND EQUIPMENT EXPENDITURES														
Unadjusted quarterly totals:														
All industries.....mil. of dol.	7,427			8,013			6,905			8,323			* 8,553	* 9,474
Manufacturing.....do.	2,664			2,932			2,456			3,021			3,152	3,815
Durable goods industries.....do.	1,257			1,376			1,144			1,450			1,541	1,885
Nondurable goods industries.....do.	1,407			1,556			1,312			1,571			1,611	1,930
Mining.....do.	223			254			213			243			263	277
Railroads.....do.	140			156			159			262			312	299
Transportation, other than rail.....do.	320			413			408			527			545	544
Public utilities.....do.	1,633			1,717			1,199			1,474			1,541	1,626
Commercial and other.....do.	2,447			2,541			2,470			2,796			2,740	2,913
Seasonally adjusted quarterly totals at annual rates:														
All industries.....bil. of dol.	29.61			29.97			30.62			32.51			* 34.29	* 35.34
Manufacturing.....do.	10.86			10.58			11.20			11.80			12.81	13.72
Durable goods industries.....do.	5.16			4.86			5.26			5.74			6.28	6.65
Nondurable goods industries.....do.	5.70			5.72			5.94			6.06			6.53	7.07
Mining.....do.	.88			.97			.95			.94			1.04	1.06
Railroads.....do.	.63			.58			.63			1.00			1.41	1.12
Transportation, other than rail.....do.	1.29			1.62			1.71			2.08			2.19	2.12
Public utilities.....do.	6.10			6.26			5.80			5.82			5.80	5.93
Commercial and other.....do.	9.85			9.96			10.33			10.87			11.04	11.39
FARM INCOME AND MARKETINGS														
Cash receipts from farming, including Government payments, total.....mil. of dol.														
Farm marketings and CCC loans, total.....do.	3,337	3,914	3,530	3,259	2,912	2,221	2,107	2,179	2,180	2,308	2,582	2,573	* 3,240	
Crops.....do.	1,567	1,961	1,879	1,700	1,397	847	596	616	637	819	1,116	1,132	* 1,571	
Livestock and products, total.....do.	1,770	1,953	1,651	1,559	1,515	1,374	1,511	1,563	1,543	1,489	1,466	1,441	* 1,669	
Dairy products.....do.	357	372	355	375	366	348	388	390	427	398	385	376	* 369	
Meat animals.....do.	1,105	1,250	979	893	885	778	855	921	859	853	829	817	* 1,035	
Poultry and eggs.....do.	292	313	302	271	238	222	248	221	220	207	230	229	* 248	
Indexes of cash receipts from marketings and CCC loans, unadjusted:														
All commodities.....1947-49=100.	137	161	145	134	120	91	87	89	90	95	106	106	* 133	
Crops.....do.	145	183	175	158	130	79	56	57	59	76	104	106	* 147	
Livestock and products.....do.	130	143	121	114	111	101	111	115	113	109	108	106	* 122	
Indexes of volume of farm marketings, unadjusted:														
All commodities.....1947-49=100.	147	177	160	146	130	103	96	96	99	108	121	118	* 147	
Crops.....do.	160	209	197	173	144	90	58	53	57	80	114	110	* 157	
Livestock and products.....do.	138	153	132	126	120	113	123	129	131	129	128	124	* 139	
INDUSTRIAL PRODUCTION														
Federal Reserve Index of Physical Volume														
Unadjusted, combined index.....1947-49=100.														
Manufactures.....do.	141	145	146	141	144	150	152	155	156	158	147	151	* 154	* 157
Durable manufactures.....do.	146	149	155	152	154	160	163	166	169	172	157	* 153	* 158	* 161
Primary metals.....do.	111	123	124	119	127	144	153	155	157	154	94	63	* 63	* 62
Steel.....do.	114	129	128	127	136	156	170	171	170	164	76	* 20	* 21	* 22
Primary nonferrous metals.....do.	139	150	157	162	163	169	167	169	168	174	165	140	118	
Metal fabricating (incl. ordnance).....do.	156	158	167	168	168	172	174	176	179	182	175	* 173	* 181	* 185
Fabricated metal products.....do.	141	136	136	136	134	135	138	142	146	150	143	* 146	* 151	* 144
Machinery.....do.	151	150	153	152	156	162	164	165	170	175	166	* 172	* 186	* 186
Nonelectrical machinery.....do.	128	127	131	133	134	142	147	149	153	156	150	149	* 155	* 153
Electrical machinery.....do.	195	194	197	190	199	202	196	196	203	213	197	219	* 245	* 251
Transportation equipment.....do.	170	184	211	214	211	212	215	217	215	214	209	* 188	* 189	* 207
Autos.....do.	37	71	160	161	154	149	163	164	162	158	150	71	* 73	* 143
Trucks.....do.	67	89	112	100	110	123	138	143	148	147	134	96	* 102	* 116
Aircraft and parts.....do.	583	582	591	595	587	587	583	580	572	571	566	* 563	* 563	* 547
Instruments and related products.....do.	168	171	174	176	176	179	183	185	188	195	193	* 196	* 202	* 206
Furniture and fixtures.....do.	130	132	132	132	132	134	135	135	137	141	141	147	* 148	* 151
Lumber and products.....do.	127	131	126	109	116	124	125	136	143	141	127	* 143	* 141	
Stone, clay, and glass products.....do.	160	155	153	145	141	145	156	166	171	177	* 174	* 177	* 175	* 172
Miscellaneous manufactures.....do.	143	147	144	137	133	137	139	142	145	149	145	* 156	* 163	* 164

\* Revised. \* Preliminary. <sup>1</sup> Estimates for July-September based on anticipated capital expenditures of business. <sup>2</sup> Estimates for October-December based on anticipated capital expenditures of business. Anticipated expenditures for the year 1959, and comparative data for 1957-58, appear on p. 5 of the September 1959 SURVEY. \* Includes data not shown separately.



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	1958				1959									
	Septem-ber	October	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	June	July	August	Septem-ber	October

GENERAL BUSINESS INDICATORS—Continued

<b>INDUSTRIAL PRODUCTION—Continued</b>														
<i>Federal Reserve Index of Physical Volume—Con.</i>														
Unadjusted index—Continued														
Nondurable manufactures..... 1947-49=100.....	137	142	138	130	135	140	141	143	143	144	136	r 149	r 151	p 153
Food and beverage manufactures..... do.....	131	129	120	110	107	109	109	114	117	122	121	r 134	r 136	-----
Food manufactures ?..... do.....	134	130	121	112	110	110	108	111	113	118	118	r 133	r 138	-----
Meat products..... do.....	130	138	134	133	139	140	133	136	129	129	127	r 127	r 141	-----
Bakery products..... do.....	102	103	101	101	98	99	99	99	102	104	105	r 106	r 107	-----
Beverages..... do.....	119	124	113	104	97	105	113	126	133	139	130	r 138	r 138	-----
Alcoholic beverages..... do.....	108	124	111	94	91	100	109	119	124	123	112	r 122	r 122	-----
Tobacco manufactures..... do.....	125	130	128	103	121	130	121	129	128	125	119	r 136	r 136	-----
Textile mill products ?..... do.....	103	109	107	100	107	113	113	117	119	117	107	r 121	r 120	-----
Cotton and synthetic fabrics..... do.....	111	112	118	106	119	122	122	131	129	121	119	r 127	r 123	-----
Wool textiles..... do.....	75	75	71	62	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Apparel and allied products..... do.....	113	121	117	105	120	127	130	128	125	124	113	r 134	r 127	-----
Leather and products..... do.....	105	109	108	102	111	120	116	113	112	110	101	r 117	r 117	-----
Paper and allied products..... do.....	169	181	170	153	166	177	176	185	180	180	164	r 184	r 184	-----
Pulp and paper..... do.....	159	171	164	148	161	171	171	179	175	177	157	r 176	r 172	-----
Printing and publishing..... do.....	142	147	146	140	139	142	148	150	150	148	144	r 147	r 155	p 158
Chemicals and allied products..... do.....	187	195	195	195	198	202	204	209	207	206	199	r 206	r 216	-----
Industrial chemicals..... do.....	202	211	214	217	219	226	231	237	241	233	r 237	r 237	r 250	-----
Petroleum and coal products..... do.....	138	137	140	144	146	145	148	138	139	143	132	r 134	r 134	p 131
Petroleum refining..... do.....	148	147	151	159	160	157	154	147	146	151	148	r 152	r 151	p 151
Rubber products..... do.....	137	143	145	137	150	158	159	138	132	152	141	r 156	r 160	-----
Minerals..... do.....	123	124	123	124	123	123	122	124	127	127	114	r 116	r 116	p 117
Coal..... do.....	73	75	75	76	73	74	69	68	72	72	63	r 63	r 65	p 70
Crude oil and natural gas..... do.....	145	144	147	151	152	150	149	149	148	147	144	r 144	r 145	p 145
Metal mining..... do.....	107	107	93	81	86	91	91	105	135	133	90	r 49	r 32	-----
Stone and earth minerals..... do.....	158	156	151	139	131	130	138	152	157	162	163	r 168	r 163	-----
Seasonally adjusted, combined index..... do.....	137	138	141	142	143	145	147	150	153	155	153	r 149	r 149	p 148
Manufactures..... do.....														
Durable manufactures..... do.....	139	140	143	144	145	148	150	153	156	158	157	r 152	r 152	p 151
Primary metals..... do.....	145	146	151	152	153	167	160	164	169	172	167	r 158	r 158	p 157
do.....	113	122	123	123	125	138	146	149	154	150	106	r 67	r 64	p 62
Metal fabricating (incl. ordnance)..... do.....	155	156	163	165	166	168	170	173	179	184	186	r 182	r 183	p 182
Fabricated metal products..... do.....	135	133	136	136	136	135	138	142	148	150	150	r 144	r 145	p 142
Machinery..... do.....	148	147	150	152	154	158	159	163	170	178	180	r 179	r 183	p 182
Nonelectrical machinery..... do.....	129	130	133	132	132	138	142	145	150	156	156	r 158	r 157	p 156
Electrical machinery..... do.....	186	180	183	190	199	198	192	198	209	222	227	r 221	r 233	p 233
Transportation equipment..... do.....	178	183	203	204	204	207	211	214	216	218	218	r 211	r 205	p 205
Autos, trucks, and parts..... do.....	82	91	119	123	124	123	132	136	139	142	133	r 129	r 129	p 133
Other transportation equipment..... do.....	322	321	327	322	322	322	327	327	327	326	327	r 322	r 314	p 308
Instruments and related products..... do.....	166	169	173	175	176	179	181	183	189	197	199	r 198	r 200	p 204
Furniture and fixtures..... do.....	126	127	129	127	133	132	135	138	143	145	149	r 145	r 144	p 145
Lumber and products..... do.....	118	120	125	125	127	126	129	136	139	133	137	r 132	r 130	-----
Stone, clay, and glass products..... do.....	157	149	151	148	147	149	158	166	170	174	180	r 174	r 172	p 165
Miscellaneous manufactures..... do.....	137	138	137	134	137	137	141	147	150	152	156	r 155	r 155	p 155
Nondurable manufactures..... do.....														
Food and beverage manufactures..... do.....	133	134	135	135	137	139	140	142	144	145	146	r 146	r 147	p 146
Food manufactures..... do.....	115	115	116	117	118	119	119	120	122	120	118	r 122	r 121	-----
Beverages..... do.....	116	115	116	116	117	119	120	120	121	121	118	r 120	r 120	-----
do.....	114	115	119	121	122	121	118	124	125	117	116	r 130	r 130	-----
Tobacco manufactures..... do.....	121	120	126	126	121	130	121	134	124	115	132	r 126	r 126	-----
Textile mill products..... do.....	103	104	104	106	108	110	115	118	118	123	121	r 121	r 120	-----
Apparel and allied products..... do.....	116	118	117	116	118	119	121	123	127	128	130	r 130	r 131	-----
Leather and products..... do.....	104	108	113	108	109	109	106	112	118	111	115	r 112	r 112	-----
Paper and allied products..... do.....	167	171	168	166	167	172	173	176	180	178	r 185	r 182	r 182	-----
Printing and publishing..... do.....	140	142	142	139	144	145	145	147	149	149	151	r 152	r 152	p 154
Chemicals and allied products..... do.....	187	189	192	194	196	199	201	204	208	212	211	r 212	r 217	-----
Industrial chemicals..... do.....	204	209	212	214	216	222	226	232	234	246	245	r 244	r 253	-----
Petroleum and coal products..... do.....	135	137	139	142	143	144	149	143	142	143	135	r 133	p 132	p 131
Rubber products..... do.....	136	133	141	140	142	150	156	135	134	155	172	r 162	r 158	-----
Minerals..... do.....	123	122	123	124	124	123	124	126	125	125	118	r 117	r 116	p 117
Coal..... do.....	70	69	72	73	69	74	72	71	73	73	56	r 61	r 63	p 64
Crude oil and natural gas..... do.....	149	148	147	148	148	146	144	146	148	148	148	r 148	r 148	p 149
Metal mining..... do.....	90	92	101	108	113	114	115	114	115	106	79	r 43	r 27	-----
Stone and earth minerals..... do.....	149	148	148	142	145	143	148	155	154	156	157	r 159	r 154	-----
<b>CONSUMER DURABLES OUTPUT</b>														
Unadjusted, total output..... 1947-49=100.....														
Major consumer durables..... do.....	96	113	155	147	145	150	155	154	154	154	140	r 114	r 125	p 155
Autos..... do.....	37	71	160	161	154	149	163	164	162	158	150	r 71	r 73	p 143
Major household goods..... do.....	150	151	153	138	140	154	151	148	149	152	132	r 153	r 173	-----
Furniture and floor coverings..... do.....	126	131	130	130	130	135	136	135	133	135	133	r 142	r 143	-----
Appliances and heaters..... do.....	150	147	156	137	131	158	159	156	155	154	125	r 141	r 163	-----
Radio and television sets..... do.....	222	221	212	193	199	173	166	176	198	148	223	r 290	r 290	-----
Other consumer durables..... do.....	119	123	117	113	115	117	117	113	114	121	122	r 130	r 135	p 133
Seasonally adjusted, total output..... do.....	103	108	133	134	133	132	135	137	141	145	149	r 142	r 137	p 138
Major consumer durables..... do.....	99	105	142	143	140	137	141	146	151	155	158	r 149	r 140	p 144
Autos..... do.....	56	67	139	143	139	142	147	147	153	156	158	r 134	r 122	p 134
Major household goods..... do.....	138	141	148	144	143	146	142	147	153	156	161	r 165	r 159	-----
Furniture and floor coverings..... do.....	120	124	127	127	132	133	133	135	140	140	147	r 141	r 137	-----
Appliances and heaters..... do.....	137	148	159	156	140	145	139	144	151	145	148	r 164	r 150	-----
Radio and television sets..... do.....	197	196	174	162	181	185	179	189	195	235	240	r 234	r 249	-----
Other consumer durables..... do.....	113	114	113	114	118	119	121	115	117	124	r 127	r 126	r 128	p 124

r Revised. p Preliminary. ? Includes data not shown separately.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
GENERAL BUSINESS INDICATORS—Continued														
BUSINESS SALES AND INVENTORIES§														
Mfg. and trade sales (seas. adj.), total..... bil. of dol.	54.8	55.6	56.1	57.4	57.4	58.0	59.2	60.6	61.5	62.0	61.7	59.5	59.9	
Manufacturing, total..... do.	26.8	27.2	27.5	28.1	28.1	28.5	29.1	30.3	30.7	31.2	30.9	* 29.2	29.6	
Durable goods industries..... do.	12.7	12.9	13.3	13.6	13.5	13.9	14.4	15.2	15.5	15.8	15.4	14.0	14.1	
Nondurable goods industries..... do.	14.1	14.2	14.2	14.5	14.6	14.6	14.7	15.1	15.2	15.5	15.5	* 15.2	15.5	
Wholesale trade, total..... do.	11.4	11.5	11.6	11.7	11.8	11.9	12.2	12.4	12.5	12.6	12.5	12.2	12.5	
Durable goods establishments..... do.	4.1	4.1	4.3	4.3	4.3	4.4	4.6	4.7	4.6	4.9	4.8	4.6	4.6	
Nondurable goods establishments..... do.	7.3	7.4	7.4	7.4	7.5	7.5	7.6	7.7	7.7	7.7	7.7	* 7.6	7.9	
Retail trade, total..... do.	16.6	16.9	17.0	17.6	17.5	17.6	17.9	18.0	18.2	18.2	18.3	18.1	17.8	
Durable goods stores..... do.	5.1	5.4	5.5	5.8	5.8	5.9	6.0	6.1	6.1	6.2	6.2	6.1	5.8	
Nondurable goods stores..... do.	11.5	11.6	11.4	11.8	11.6	11.7	11.9	11.8	12.1	12.0	12.1	12.0	12.0	
Manufacturing and trade inventories, book value, end of month (seas. adj.), total..... bil. of dol.	85.0	84.9	85.0	85.1	85.6	86.0	86.6	87.6	88.3	89.3	* 89.9	* 89.5	89.1	
Manufacturing, total..... do.	49.3	49.3	49.3	49.2	49.5	49.9	50.5	51.1	51.6	52.1	52.2	* 52.1	51.8	
Durable goods industries..... do.	28.0	27.9	27.9	27.8	28.1	28.4	28.9	29.4	29.7	30.2	30.3	30.1	29.7	
Nondurable goods industries..... do.	21.2	21.4	21.4	21.4	21.4	21.5	21.5	21.7	21.9	21.9	21.9	* 22.0	22.1	
Wholesale trade, total..... do.	12.1	12.1	12.1	12.0	11.9	11.9	12.0	12.1	12.2	12.4	12.5	* 12.6	12.5	
Durable goods establishments..... do.	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.4	6.5	6.6	6.7	6.6	6.5	
Nondurable goods establishments..... do.	5.9	5.9	5.8	5.7	5.6	5.6	5.6	5.7	5.7	5.8	5.8	* 5.9	5.9	
Retail trade, total..... do.	23.7	23.5	23.6	24.0	24.2	24.1	24.2	24.5	24.5	24.8	25.1	* 24.8	24.8	
Durable goods stores..... do.	10.5	10.3	10.5	10.8	11.0	11.0	11.1	11.3	11.5	11.7	11.9	* 11.6	11.5	
Nondurable goods stores..... do.	13.2	13.2	13.1	13.2	13.2	13.2	13.0	13.2	13.1	13.1	13.2	13.2	13.3	
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS														
Sales, value (unadjusted), total..... mil. of dol.	27,323	28,820	26,729	27,954	27,329	27,502	30,589	30,885	30,673	31,993	29,246	* 28,525	29,878	
Durable goods industries, total ?..... do.	12,687	13,584	12,911	13,717	13,066	13,501	15,305	15,810	15,727	16,553	14,220	* 13,049	13,713	
Primary metal..... do.	2,069	2,300	1,999	2,117	2,195	2,320	2,792	2,947	3,011	3,259	1,785	* 1,165	1,206	
Iron and steel..... do.	1,331	1,495	1,278	1,365	1,434	1,549	1,925	2,033	2,093	2,313	999	* 417	435	
Fabricated metal..... do.	1,696	1,684	1,415	1,415	1,417	1,390	1,622	1,735	1,718	1,827	1,760	* 1,810	1,939	
Machinery (including electrical)..... do.	3,993	4,112	3,736	4,085	3,797	4,125	4,595	4,610	4,515	4,808	4,350	* 4,403	4,761	
Electrical..... do.	1,758	1,865	1,728	1,843	1,580	1,668	1,791	1,745	1,731	1,868	1,710	* 1,823	2,025	
Transportation equipment..... do.	2,093	2,588	3,208	3,646	3,275	3,215	3,491	3,637	3,565	3,674	3,478	* 2,648	2,748	
Motor vehicles and parts..... do.	1,009	1,458	2,104	2,415	2,197	2,019	2,304	2,367	2,228	2,268	2,106	* 1,361	1,384	
Lumber and furniture..... do.	933	982	843	831	829	853	969	989	995	1,050	983	* 1,065	1,063	
Stone, clay, and glass..... do.	757	757	640	583	561	582	724	771	789	829	781	* 812	758	
Nondurable goods industries, total ?..... do.	14,636	15,236	13,818	14,237	14,263	14,001	15,284	15,075	14,946	15,340	15,026	* 15,476	16,165	
Food and beverage..... do.	4,571	4,730	4,347	4,353	4,251	4,155	4,483	4,378	4,598	4,679	4,610	* 4,579	4,859	
Tobacco..... do.	398	408	370	422	377	364	404	399	407	451	416	* 413	418	
Textile..... do.	1,131	1,219	1,123	1,071	1,083	1,156	1,243	1,217	1,199	1,260	1,119	* 1,296	1,304	
Paper..... do.	958	1,013	917	898	942	938	1,018	1,044	1,026	1,052	986	* 1,041	1,084	
Chemical..... do.	2,137	2,164	1,881	1,833	1,947	1,853	2,132	2,247	2,185	2,180	2,044	* 2,078	2,238	
Petroleum and coal..... do.	2,774	2,874	2,763	3,237	3,195	2,946	3,107	2,988	2,934	3,033	3,093	* 3,056	3,180	
Rubber..... do.	445	527	425	502	503	456	526	554	524	546	514	* 480	504	
Sales, value (seas. adj.), total..... do.	26,804	27,158	27,467	28,135	28,143	28,481	29,130	30,266	30,742	31,248	30,858	* 29,203	29,649	
Durable goods industries, total ?..... do.	12,723	12,943	13,295	13,613	13,541	13,870	14,400	15,166	15,515	15,771	15,384	* 14,068	14,115	
Primary metal..... do.	2,065	2,182	2,113	2,256	2,230	2,421	2,580	2,792	2,858	2,916	2,104	* 1,227	1,200	
Iron and steel..... do.	1,318	1,424	1,374	1,484	1,478	1,648	1,782	1,918	1,956	1,994	1,182	* 439	431	
Fabricated metal..... do.	1,593	1,569	1,553	1,586	1,537	1,526	1,605	1,684	1,711	1,758	1,787	* 1,703	1,788	
Machinery (including electrical)..... do.	3,999	3,993	3,951	3,975	4,017	4,131	4,226	4,423	4,507	4,565	4,778	* 4,651	4,698	
Electrical..... do.	1,712	1,726	1,728	1,710	1,708	1,724	1,704	1,804	1,796	1,815	1,899	* 1,883	1,937	
Transportation equipment..... do.	2,438	2,592	3,040	3,184	3,167	3,168	3,212	3,385	3,463	3,558	3,667	* 3,577	3,601	
Motor vehicles and parts..... do.	1,318	1,494	1,866	2,046	2,003	1,950	2,060	2,142	2,178	2,279	2,310	* 2,143	2,196	
Lumber and furniture..... do.	850	898	851	884	879	894	918	995	1,041	1,035	1,077	* 991	968	
Stone, clay, and glass..... do.	701	653	607	655	668	677	731	756	766	768	805	* 751	702	
Nondurable goods industries, total ?..... do.	14,081	14,215	14,172	14,522	14,602	14,611	14,730	15,100	15,227	15,477	15,474	* 15,195	15,534	
Food and beverage..... do.	4,312	4,377	4,436	4,481	4,522	4,479	4,465	4,507	4,617	4,614	4,540	* 4,511	4,627	
Tobacco..... do.	386	355	375	414	385	428	416	411	388	414	382	* 395	410	
Textile..... do.	1,027	1,042	1,102	1,079	1,102	1,140	1,209	1,253	1,310	1,281	1,256	* 1,270	1,216	
Paper..... do.	949	947	936	955	942	977	988	1,034	1,026	1,042	1,030	* 1,011	1,052	
Chemical..... do.	2,071	2,077	2,023	2,004	1,932	1,930	1,979	2,090	2,059	2,125	2,171	* 2,092	2,159	
Petroleum and coal..... do.	2,860	2,903	2,819	2,970	3,043	3,037	3,046	3,080	2,994	3,095	3,093	* 3,071	3,245	
Rubber..... do.	464	493	472	518	508	490	506	543	524	520	519	* 492	520	
Inventories, end of month:														
Book value (unadjusted), total..... do.	48,910	49,015	49,160	49,468	49,776	50,190	50,626	51,053	51,545	51,990	51,790	* 51,524	51,440	
Durable goods industries, total ?..... do.	27,745	27,687	27,654	27,873	28,178	28,566	29,116	29,510	29,905	30,217	30,079	* 29,679	29,493	
Primary metal..... do.	4,099	4,132	4,217	4,297	4,293	4,286	4,271	4,183	4,175	4,013	4,007	* 3,979	3,985	
Iron and steel..... do.	2,471	2,521	2,600	2,678	2,653	2,627	2,565	2,460	2,420	2,251	2,260	* 2,254	2,273	
Fabricated metal..... do.	2,785	2,840	2,509	2,810	2,903	3,008	3,151	3,270	3,376	3,500	3,487	* 3,295	3,042	
Machinery (including electrical)..... do.	8,918	8,862	8,866	8,852	8,967	9,125	9,279	9,434	9,627	9,801	9,779	* 9,722	9,654	
Electrical..... do.	3,356	3,306	3,312	3,295	3,307	3,376	3,452	3,537	3,643	3,724	3,682	* 3,552	3,605	
Transportation equipment..... do.	6,718	6,665	6,593	6,639	6,695	6,738	6,908	7,034	7,078	7,220	7,114	* 7,013	7,188	
Motor vehicles and parts..... do.	2,769	2,722	2,666	2,635	2,625	2,704	2,765	2,829	2,872	2,983	2,910	* 2,847	3,031	
Lumber and furniture..... do.	1,691	1,664	1,683	1,728	1,713	1,723	1,759							

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
September	October	November	December	January	February	March	April	May	June	July	August	September	October

## GENERAL BUSINESS INDICATORS—Continued

<b>MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued</b>													
<b>Inventories, end of month—Continued</b>													
Book value (seas. adj.), total.....mil. of dol.	49,296	49,337	49,297	49,179	49,489	49,921	50,454	51,052	51,599	52,138	52,241	* 52,116	51,813
Durable goods industries, total ♀.....do....	28,048	27,932	27,877	27,815	28,106	28,408	28,925	29,361	29,734	30,227	30,349	* 30,145	29,749
Primary metal.....do....	4,043	4,005	4,058	4,111	4,180	4,267	4,341	4,368	4,312	4,201	4,108	* 4,090	3,937
Iron and steel.....do....	2,399	2,378	2,430	2,503	2,551	2,627	2,644	2,645	2,574	2,447	2,354	* 2,254	2,207
Fabricated metal.....do....	2,842	2,928	2,896	2,897	2,962	3,008	3,120	3,175	3,278	3,365	3,411	* 3,328	3,104
Machinery (including electrical).....do....	9,074	9,026	8,954	8,904	9,008	9,086	9,215	9,346	9,482	9,725	9,802	* 9,826	9,745
Electrical.....do....	3,386	3,345	3,366	3,342	3,360	3,406	3,458	3,508	3,557	3,648	3,667	* 3,680	3,621
Transportation equipment.....do....	6,751	6,594	6,576	6,543	6,587	6,673	6,854	7,031	7,167	7,386	7,397	* 7,333	7,223
Motor vehicles and parts.....do....	2,792	2,651	2,623	2,548	2,490	2,574	2,680	2,826	2,955	3,149	3,175	* 3,153	3,109
Lumber and furniture.....do....	1,732	1,721	1,730	1,740	1,724	1,712	1,719	1,731	1,759	1,764	1,823	* 1,841	1,863
Stone, clay, and glass.....do....	1,212	1,221	1,223	1,200	1,207	1,207	1,216	1,235	1,254	1,276	1,270	* 1,261	1,278
By stages of fabrication:													
Purchased materials.....bil. of dol.	7.5	7.7	7.6	7.5	7.7	7.8	8.1	8.3	8.5	8.9	8.9	* 8.7	8.3
Goods in process.....do....	11.3	11.3	11.3	11.3	11.4	11.4	11.5	11.7	11.8	11.9	11.9	* 11.9	11.9
Finished goods.....do....	9.2	9.0	9.0	9.0	9.0	9.2	9.3	9.3	9.4	9.5	9.5	* 9.5	9.5
Nondurable goods industries, total ♀.....mil. of dol.	21,248	21,405	21,420	21,364	21,383	21,513	21,529	21,691	21,865	21,911	21,892	* 21,971	22,064
Food and beverage.....do....	4,598	4,694	4,676	4,670	4,700	4,752	4,797	4,870	4,967	4,928	4,847	* 4,833	4,852
Tobacco.....do....	1,838	1,857	1,861	1,920	1,881	1,893	1,876	1,868	1,873	1,819	1,838	* 1,866	1,945
Textile.....do....	2,499	2,490	2,465	2,444	2,449	2,457	2,463	2,482	2,487	2,532	2,534	* 2,495	2,546
Paper.....do....	1,405	1,423	1,419	1,443	1,458	1,452	1,455	1,463	1,482	1,492	1,457	* 1,473	1,466
Chemical.....do....	3,747	3,760	3,767	3,739	3,727	3,727	3,702	3,696	3,730	3,768	3,847	* 3,907	3,942
Petroleum and coal.....do....	3,271	3,276	3,324	3,264	3,281	3,307	3,320	3,367	3,380	3,366	3,314	* 3,332	3,228
Rubber.....do....	1,024	1,022	1,018	994	998	1,022	1,030	1,015	995	1,013	1,075	* 1,113	1,134
By stages of fabrication:													
Purchased materials.....bil. of dol.	8.6	8.7	8.6	8.6	8.6	8.6	8.6	8.7	8.8	9.0	9.0	* 9.0	9.0
Goods in process.....do....	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	* 3.1	3.1
Finished goods.....do....	9.7	9.8	9.9	9.8	9.8	9.9	9.9	10.0	10.0	9.9	9.8	* 9.9	10.0
New orders, net (unadjusted), total.....mil. of dol.	26,855	28,667	27,368	28,033	28,215	28,916	31,868	30,994	30,281	32,302	29,449	* 28,493	30,376
Durable goods industries, total ♀.....do....	12,301	13,395	13,452	13,796	13,897	14,759	16,452	15,858	15,131	16,936	14,424	* 13,120	14,326
Primary metal.....do....	2,136	2,341	2,265	2,294	2,335	3,033	2,671	2,551	2,583	1,749	* 1,633	1,813	
Iron and steel.....do....	1,382	1,496	1,445	1,534	2,011	2,450	2,064	1,738	1,650	1,731	977	* 902	1,012
Fabricated metal.....do....	1,673	1,666	1,393	1,429	1,462	1,601	1,688	1,665	1,668	1,775	1,793	* 1,796	1,964
Machinery (including electrical).....do....	4,020	3,929	3,656	4,052	3,868	4,229	5,193	4,679	4,509	5,409	4,658	* 4,393	4,938
Electrical.....do....	1,762	1,722	1,676	1,885	1,518	1,628	2,133	1,791	1,716	2,370	1,897	* 1,794	2,131
Transportation equipment (including motor vehicles).....mil. of dol.	1,630	2,674	3,587	3,501	3,057	2,884	3,614	3,792	3,333	4,039	3,161	* 2,342	2,666
Nondurable goods industries, total.....do....	14,554	15,272	13,916	14,237	14,318	14,157	15,416	15,136	15,150	15,366	15,025	* 15,373	16,050
Industries with unfilled orders ♂.....do....	3,096	3,420	3,213	3,026	3,112	3,313	3,557	3,442	3,524	3,465	3,203	* 3,399	3,514
Industries without unfilled orders ♀.....do....	11,458	11,852	10,703	11,211	11,206	10,844	11,859	11,694	11,626	11,901	11,822	* 11,974	12,536
New orders, net (seas. adjusted), total.....do....	27,047	27,903	27,797	28,365	28,502	29,702	30,229	31,206	30,541	31,404	30,827	* 28,951	30,641
Durable goods industries, total ♀.....do....	12,859	13,530	13,574	13,673	13,900	14,918	15,323	15,796	15,241	16,133	15,493	* 13,974	15,018
Primary metal.....do....	2,334	2,414	2,262	2,210	2,727	3,236	2,681	2,826	2,479	2,578	2,018	* 1,689	1,965
Iron and steel.....do....	1,553	1,558	1,417	1,489	1,934	2,429	1,795	1,829	1,586	1,714	1,149	* 920	1,137
Fabricated metal.....do....	1,578	1,602	1,601	1,458	1,523	1,685	1,608	1,632	1,619	1,811	1,793	* 1,710	1,853
Machinery (including electrical).....do....	4,242	3,975	4,019	4,047	3,937	4,498	4,839	4,632	4,626	4,922	4,893	* 4,623	5,211
Electrical.....do....	1,849	1,703	1,872	1,890	1,564	1,682	2,094	1,822	1,744	2,021	1,928	* 1,927	2,237
Transportation equipment (including motor vehicles).....mil. of dol.	1,946	2,835	3,007	2,958	3,038	3,038	3,437	3,655	3,498	3,841	3,631	* 3,185	3,130
Nondurable goods industries, total.....do....	14,188	14,373	14,223	14,692	14,602	14,784	14,906	15,410	15,300	15,271	15,334	* 14,977	15,623
Industries with unfilled orders ♂.....do....	3,127	3,196	3,150	3,289	3,143	3,381	3,453	3,662	3,524	3,269	3,384	* 3,237	3,549
Industries without unfilled orders ♀.....do....	11,061	11,177	11,073	11,403	11,459	11,403	11,453	11,748	11,776	12,002	11,950	* 11,740	12,074
Unfilled orders, end of month (unadj.), total.....do....	46,232	46,079	46,718	46,797	47,683	49,097	50,376	50,485	50,093	50,402	50,605	* 50,573	51,071
Durable goods industries, total ♀.....do....	43,577	43,388	43,929	44,008	44,839	46,097	47,244	47,292	46,696	46,979	47,183	* 47,254	47,867
Primary metal.....do....	3,867	3,908	4,174	4,351	4,991	6,121	6,362	6,086	5,626	4,950	4,914	* 5,382	5,989
Iron and steel.....do....	2,803	2,804	2,971	3,140	3,717	4,743	4,882	4,587	4,144	3,562	3,540	* 4,025	4,602
Fabricated metal.....do....	3,086	3,068	3,046	3,060	3,105	3,316	3,382	3,312	3,262	3,210	3,243	* 3,229	3,263
Machinery (including electrical).....do....	16,308	16,125	16,045	16,012	16,083	16,187	16,785	16,854	16,929	17,530	17,838	* 17,828	18,005
Electrical.....do....	9,534	9,391	9,339	9,381	9,319	9,279	9,621	9,667	9,652	10,154	10,341	* 10,312	10,418
Transportation equipment (including motor vehicles).....mil. of dol.	16,184	16,270	16,649	16,504	16,286	15,955	16,078	16,233	16,001	16,366	16,049	* 15,743	15,661
Nondurable goods industries, total ♂.....do....	2,655	2,691	2,789	2,789	2,844	3,000	3,132	3,193	3,397	3,423	3,422	* 3,319	3,204
<b>BUSINESS POPULATION</b>													
Firms in operation, end of quarter (seasonally adjusted) thousands.....	4,586			4,603			4,621			4,645			4,666
New business incorporations (48 States) ♂.....number.....	12,932	13,633	12,090	16,458	18,765	15,745	18,119	17,554	16,660	16,157	16,562	14,329	14,592
<b>INDUSTRIAL AND COMMERCIAL FAILURES ♂</b>													
Failures, total.....number.....	1,039	1,271	1,121	1,082	1,273	1,161	1,263	1,292	1,135	1,244	1,071	1,135	1,144
Commercial service.....do....	87	99	97	88	96	104	117	121	104	111	100	122	93
Construction.....do....	163	176	176	176	188	164	185	166	172	167	137	181	191
Manufacturing and mining.....do....	187	215	190	185	215	207	210	202	199	203	203	187	192
Retail trade.....do....	506	657	550	515	642	582	625	671	567	633	518	542	563
Wholesale trade.....do....	96	124	108	118	132	104	126	132	93	130	113	103	105
Liabilities (current), total.....thous. of dol.	48,103	47,268	56,718	57,069	73,564	58,592	65,051	71,907	50,917	49,197	51,197	54,501	54,736
Commercial service.....do....	2,046	5,306	5,881	3,590	6,559	4,547	5,304	9,994	3,336	5,069	3,147	3,160	3,077
Construction.....do....	7,841	6,771	9,483	10,058	8,274	6,911	11,589	8,623	12,262	8,519	11,328	12,061	12,595
Manufacturing and mining.....do....	18,167	12,141	19,496	18,411	17,062	17,444	22,558	16,501	10,835	12,143	14,592	18,559	15,974
Retail trade.....do....	14,112	16,103	16,549	14,397	33,197	22,327	20,348	22,839	19,638	18,234	17,052	15,362	16,098
Wholesale trade.....do....	5,937	6,947	5,309	10,613	8,472	7,363	5,252	13,950	4,846	5,232	5,078	5,359	6,992
Failure annual rate (seas. adj.) No. per 10,000 concerns.....	53.4	57.4	55.9	51.3	51.1	50.9	50.4	52.0	48.3	53.8	49.2	53.3	58.4

\* Revised. † Including Hawaii, 14,664. ‡ Includes data not shown separately. § Includes textiles, leather, paper, and printing and publishing industries; unfilled orders for other nondurable goods industries are zero. ¶ For these industries (food, beverages, tobacco, apparel, petroleum, chemicals, and rubber), sales are considered equal to new orders. ♂ Data are from Dun & Bradstreet, Inc.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	Septem-ber	October	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	June	July	August	Septem-ber	October
COMMODITY PRICES														
PRICES RECEIVED AND PAID BY FARMERS†														
Prices received, all farm products.....1910-14=100...	255	249	247	244	245	243	244	244	245	242	240	239	239	235
Crops.....do.....	228	221	218	213	215	218	220	223	230	229	226	221	220	219
Commercial vegetables.....do.....	182	205	234	220	267	268	264	261	254	213	215	214	214	241
Cotton.....do.....	292	281	273	256	238	238	254	264	269	266	287	281	280	274
Feed grains and hay.....do.....	157	149	143	151	152	154	155	161	163	163	161	159	156	149
Food grains.....do.....	196	201	201	199	199	203	205	205	205	199	200	201	198	203
Fruit.....do.....	320	267	241	217	211	225	218	210	223	223	206	211	230	214
Oil-bearing crops.....do.....	217	212	210	214	218	221	223	225	230	228	222	214	204	208
Potatoes (incl. dry edible beans).....do.....	124	111	121	126	129	123	117	135	217	297	232	164	146	147
Tobacco.....do.....	485	499	498	504	499	505	505	508	508	509	503	504	510	505
Livestock and products.....do.....	278	274	273	270	270	265	264	261	258	252	252	254	256	248
Dairy products.....do.....	263	270	272	270	264	258	249	240	232	229	239	251	265	273
Meat animals.....do.....	340	333	329	328	328	322	327	336	338	329	314	314	307	291
Poultry and eggs.....do.....	171	162	161	155	161	159	154	135	126	124	139	139	143	138
Wool.....do.....	204	203	202	199	200	197	197	220	240	241	248	249	244	235
Prices paid:														
All commodities and services.....do.....	274	274	274	274	276	275	276	276	276	276	275	275	274	275
Family living items.....do.....	286	287	288	287	288	288	287	287	288	288	289	288	288	290
Production items.....do.....	265	265	263	265	268	267	267	269	268	267	266	266	265	264
All commodities and services, interest, taxes, and wage rates (parity index).....1910-14=100...	294	294	294	295	298	297	298	299	299	298	298	297	297	296
Parity ratio \$.....do.....	87	85	84	83	82	82	82	82	82	81	81	80	80	79
CONSUMER PRICES														
(U.S. Department of Labor indexes)														
All items.....1947-49=100...	123.7	123.7	123.9	123.7	123.8	123.7	123.7	123.9	124.0	124.5	124.9	124.8	125.2	-----
Special group indexes:*														
All items less food.....do.....	125.8	126.0	126.5	126.5	126.4	126.7	126.9	127.1	127.3	127.5	127.9	128.2	128.7	-----
All items less shelter.....do.....	121.5	121.5	121.7	121.5	121.5	121.4	121.4	121.5	121.6	122.2	122.7	122.4	122.9	-----
All commodities.....do.....	116.4	116.4	116.6	116.3	116.2	116.0	115.9	115.9	116.6	117.0	117.0	116.6	117.0	-----
Nondurables.....do.....	118.7	118.4	118.2	117.8	117.8	117.6	117.4	117.4	118.2	118.7	118.3	118.3	118.8	-----
Durables.....do.....	110.3	111.2	112.8	112.9	112.4	112.2	112.5	112.6	112.7	112.8	113.1	112.8	112.8	-----
Services.....do.....	143.0	143.1	143.4	143.5	143.9	144.2	144.4	144.8	145.2	145.4	145.8	146.3	146.9	-----
Apparel.....do.....	107.1	107.3	107.7	107.5	106.7	106.7	107.0	107.0	107.3	107.3	107.5	108.0	109.0	-----
Food ♀.....do.....	120.3	119.7	119.4	118.7	119.0	118.2	117.7	117.7	117.7	118.9	119.4	118.3	118.7	-----
Dairy products.....do.....	114.1	114.5	114.5	114.3	114.1	114.0	113.8	112.9	112.6	112.3	113.3	114.1	115.5	-----
Fruits and vegetables.....do.....	120.7	121.0	121.1	120.1	121.7	121.2	120.7	123.6	125.6	134.5	130.8	125.6	124.1	-----
Meats, poultry, and fish.....do.....	115.8	114.6	113.5	113.0	113.8	112.6	111.3	111.5	111.6	111.6	112.0	109.9	110.4	-----
Housing ♀.....do.....	127.9	127.9	128.0	128.2	128.2	128.5	128.7	128.7	128.8	128.9	129.0	129.3	129.7	-----
Gas and electricity.....do.....	118.0	118.1	118.1	118.2	118.2	118.5	118.5	118.2	118.7	119.3	119.5	120.1	121.6	-----
Housefurnishings.....do.....	103.6	103.4	103.5	103.6	103.2	103.8	103.8	103.8	103.7	104.1	104.0	103.6	104.0	-----
Rent.....do.....	138.2	138.3	138.4	138.7	138.8	139.0	139.1	139.3	139.3	139.5	139.6	139.8	140.0	-----
Medical care.....do.....	146.5	147.1	147.4	147.6	148.0	149.0	149.2	149.6	150.2	150.6	151.0	151.4	152.2	-----
Personal care.....do.....	128.7	128.8	129.1	129.0	129.4	129.8	129.7	130.0	130.7	131.1	131.3	131.7	132.1	-----
Reading and recreation.....do.....	116.6	116.6	117.0	116.9	117.0	117.1	117.3	117.7	117.8	118.1	119.1	119.1	119.6	-----
Transportation.....do.....	141.3	142.7	144.5	144.3	144.1	144.3	144.9	145.3	145.4	145.9	146.3	146.7	146.4	-----
Private.....do.....	130.4	131.8	133.6	133.3	133.1	133.3	134.0	134.4	134.5	134.9	135.2	135.5	135.3	-----
Public.....do.....	189.8	190.4	191.1	191.8	191.8	191.8	192.0	192.6	192.7	192.7	194.2	194.9	194.9	-----
Other goods and services.....do.....	127.1	127.2	127.3	127.3	127.3	127.4	127.3	128.2	128.4	129.2	130.8	131.1	131.5	-----
WHOLESALE PRICES♂														
(U.S. Department of Labor indexes)														
All commodities.....1947-49=100...	119.1	119.0	119.2	119.2	119.5	119.5	119.6	120.0	119.9	119.7	119.5	119.1	119.7	119.2
By stage of processing:														
Crude materials for further processing.....do.....	98.4	98.0	98.4	97.0	98.1	98.0	98.9	99.6	98.5	98.1	96.4	95.6	95.9	94.4
Intermediate materials, supplies, etc.....do.....	125.4	125.4	125.7	126.3	126.3	126.5	126.7	127.2	127.4	127.1	127.2	127.0	126.9	127.1
Finished goods.....do.....	120.9	120.6	120.6	120.5	120.8	120.7	120.6	120.8	120.6	120.5	120.7	120.2	121.4	120.6
By durability of product:*														
Nondurable goods.....do.....	106.1	105.6	105.5	105.4	105.7	105.5	105.6	106.2	105.8	105.2	105.0	104.4	105.0	104.3
Durable goods.....do.....	143.2	143.7	144.4	144.5	144.7	145.1	145.4	145.4	145.8	146.1	146.1	146.2	146.4	146.4
Farm products ♀.....do.....	93.1	92.3	92.1	90.6	91.5	91.1	90.8	92.4	90.8	89.8	88.4	87.1	88.9	86.5
Fruits and vegetables, fresh and dried.....do.....	97.9	101.5	98.1	99.2	102.5	105.9	93.6	114.2	107.0	100.9	98.5	92.8	103.1	102.2
Grains.....do.....	76.1	76.8	75.3	76.1	76.1	77.0	77.7	79.7	78.6	78.2	77.7	76.2	75.7	75.7
Livestock and live poultry.....do.....	91.5	88.4	90.1	87.6	90.3	88.4	91.1	91.9	90.6	89.5	84.8	83.1	82.1	78.5
Foods, processed ♀.....do.....	111.1	110.0	109.5	108.8	108.7	107.6	107.2	107.2	107.7	108.1	107.5	105.8	107.8	106.4
Cereal and bakery products.....do.....	117.8	118.2	118.0	117.4	117.5	117.7	119.0	118.9	119.5	119.2	119.5	119.5	119.5	120.3
Dairy products and ice cream.....do.....	113.7	113.5	113.4	113.5	113.0	113.0	113.0	112.0	111.7	111.9	113.9	114.7	116.2	116.7
Fruits and vegetables, canned and frozen.....do.....	111.4	112.1	112.9	113.0	110.8	110.6	111.2	110.6	110.4	111.1	110.6	107.6	106.8	107.3
Meats, poultry, and fish.....do.....	107.1	103.5	102.5	101.4	103.3	100.9	99.6	100.8	101.4	101.9	99.3	94.8	99.7	95.1
Commodities other than farm prod. and foods.....do.....	126.2	126.4	126.8	127.2	127.5	127.8	128.1	128.3	128.4	128.2	128.4	128.4	128.4	128.5
Chemicals and allied products ♀.....do.....	109.9	110.2	110.2	110.0	110.2	109.9	109.8	110.0	110.0	110.0	109.9	109.7	109.9	110.0
Chemicals, industrial.....do.....	122.7	123.6	123.6	123.7	124.0	123.7	123.6	123.9	123.8	123.8	123.9	123.7	123.8	123.9
Drugs and pharmaceuticals.....do.....	94.4	93.9	93.2	93.2	93.0	93.0	92.8	92.9	93.1	93.4	93.5	93.6	93.7	93.8
Fats and oils, inedible.....do.....	61.7	62.6	64.7	61.5	59.9	58.9	60.3	60.4	60.4	58.4	55.3	53.8	55.0	54.6
Fertilizer materials.....do.....	104.3	106.3	105.2	105.3	107.6	107.5	107.5	107.5	107.5	107.6	107.4	104.8	105.2	106.3
Prepared paint.....do.....	128.2	128.2	128.2	128.2	128.2	128.4	128.4	128.3	128.3	128.3	128.3	128.3	128.3	128.3
Fuel, power, and lighting materials ♀.....do.....	114.1	113.0	112.6	112.9	113.9	114.8	115.0	114.0	113.4	111.2	111.1			

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

## COMMODITY PRICES—Continued

	1958				1959									
	Septem-ber	October	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	June	July	August	Septem-ber	October
<b>WHOLESALE PRICES<sup>σ</sup>—Continued</b>														
U. S. Department of Labor indexes—Con.														
Commodities other than farm, etc.—Con.														
Hides, skins, and leather products ♀ 1947-49=100.....	100.2	101.4	102.3	103.6	104.1	105.4	108.5	117.8	118.5	118.9	119.3	119.7	119.1	116.5
Footwear.....do.....	121.9	122.8	122.9	123.1	123.2	123.3	123.6	128.2	129.5	130.2	130.6	132.3	132.3	133.5
Hides and skins.....do.....	59.0	62.0	65.1	66.6	68.7	73.0	87.7	108.5	98.6	106.7	107.7	106.9	102.4	87.5
Leather.....do.....	91.3	92.8	94.7	99.2	99.3	101.0	103.6	120.4	124.5	120.1	118.7	117.3	117.1	112.2
Lumber and wood products.....do.....	120.4	120.8	120.0	119.8	120.5	122.5	124.2	126.3	128.2	128.9	128.3	128.5	127.2	126.2
Lumber.....do.....	121.0	120.8	120.2	120.1	121.0	123.1	125.5	126.8	128.9	130.4	129.9	130.3	129.3	127.9
Machinery and motive products ♀.....do.....	149.4	149.9	151.2	151.5	151.8	152.0	152.2	152.1	152.5	153.0	153.6	153.8	153.9	153.6
Agricultural machinery and equip.....do.....	138.9	139.2	141.8	142.9	142.9	143.0	143.1	143.0	143.5	143.4	143.4	143.4	143.5	143.4
Construction machinery and equip.....do.....	166.0	166.8	168.0	170.3	170.9	171.4	171.9	172.0	171.9	171.9	172.0	172.2	172.6	172.6
Electrical machinery and equipment.....do.....	152.7	152.7	152.4	152.4	152.6	152.5	153.1	153.0	154.1	154.2	156.1	155.8	156.1	156.0
Motor vehicles.....do.....	139.0	139.7	142.8	143.1	143.1	143.2	143.2	143.2	143.2	143.2	143.2	143.2	143.2	142.0
Metals and metal products ♀.....do.....	151.3	152.2	153.0	153.0	152.9	153.4	153.6	152.8	153.0	153.3	152.7	152.8	153.8	154.5
Heating equipment.....do.....	121.5	121.4	121.4	121.8	121.8	122.0	121.9	121.7	121.7	121.7	121.7	121.6	121.4	121.5
Iron and steel.....do.....	171.8	171.4	172.0	171.7	172.0	172.5	171.9	170.8	170.4	171.3	171.8	171.9	172.4	173.0
Nonferrous metals.....do.....	127.3	130.8	133.7	133.2	133.2	134.1	136.1	134.7	136.2	136.1	133.8	133.9	136.1	137.2
Nonmetallic minerals, structural ♀.....do.....	136.7	136.7	136.7	136.9	137.2	137.5	137.7	138.3	138.4	137.4	137.5	137.4	137.5	137.5
Clay products.....do.....	158.2	158.2	158.4	158.8	159.3	159.6	159.9	160.0	160.1	160.4	160.6	160.5	160.5	160.4
Concrete products.....do.....	127.9	128.1	128.1	128.4	128.6	129.0	129.3	129.4	129.7	129.9	129.9	129.7	130.2	130.3
Gypsum products.....do.....	133.1	133.1	133.1	133.1	133.1	133.1	133.1	133.1	133.1	133.1	133.1	133.1	133.1	133.1
Pulp, paper, and allied products.....do.....	131.7	131.9	131.9	131.3	131.5	131.7	132.0	132.2	132.0	132.3	132.4	132.3	132.4	132.5
Paper.....do.....	141.8	142.0	142.1	142.1	142.1	142.1	142.1	143.3	143.3	143.3	143.6	143.7	143.8	144.3
Rubber and products.....do.....	145.4	146.3	146.7	145.6	145.2	145.4	146.0	146.7	148.0	146.6	146.4	141.0	142.0	142.3
Tires and tubes.....do.....	152.8	152.8	152.8	152.8	151.9	151.9	151.9	151.9	151.9	150.0	150.0	134.3	134.3	133.3
Textile products and apparel ♀.....do.....	93.3	93.2	93.1	93.3	93.3	93.7	93.9	94.1	94.5	94.9	95.3	95.7	95.9	95.9
Apparel.....do.....	99.3	99.3	99.2	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.9	100.4	100.6	100.7
Cotton products.....do.....	87.9	87.8	88.0	88.6	88.7	89.6	90.2	90.3	90.8	91.6	91.9	92.1	92.6	93.0
Silk products.....do.....	115.8	107.1	106.0	105.1	104.7	109.3	112.1	113.6	114.0	114.2	113.4	113.7	113.2	114.2
Manmade fiber textile products.....do.....	79.7	79.7	79.3	79.4	79.3	79.8	80.1	80.6	81.0	81.5	82.2	82.3	82.1	81.0
Wool products.....do.....	99.6	98.4	97.9	97.5	97.3	97.6	97.7	99.4	100.1	102.2	103.3	104.3	104.7	104.1
Tobacco mfs. and bottled beverages ♀.....do.....	128.0	128.8	128.7	128.6	128.6	128.9	132.1	132.2	132.2	132.2	134.5	134.5	134.5	134.5
Beverages, alcoholic.....do.....	120.1	121.7	121.7	121.7	121.7	121.7	121.7	121.7	121.7	121.7	126.8	126.8	126.8	126.8
Cigarettes.....do.....	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8
Miscellaneous.....do.....	92.5	91.2	93.2	100.9	100.8	98.5	97.0	98.8	95.2	91.0	92.9	92.0	88.6	91.8
Toys, sporting goods.....do.....	118.6	118.6	118.6	118.6	117.8	117.9	117.2	116.9	117.0	117.0	117.5	117.7	117.7	117.7
<b>PURCHASING POWER OF THE DOLLAR</b>														
As measured by—														
Wholesale prices.....1947-49=100.....	84.0	84.0	83.9	83.9	83.7	83.7	83.6	83.3	83.4	83.5	83.7	84.0	83.5	83.9
Consumer prices.....do.....	80.8	80.8	80.7	80.8	80.8	80.8	80.8	80.7	80.6	80.3	80.1	80.1	79.9	-----

## CONSTRUCTION AND REAL ESTATE

<b>CONSTRUCTION PUT IN PLACE</b>														
New construction (unadjusted), total.....mil. of dol.....	4,745	4,760	4,532	4,139	3,750	3,530	3,862	4,300	4,761	5,161	5,243	5,291	5,097	-----
Private, total ♀.....do.....	3,157	3,176	3,142	2,941	2,620	2,498	2,735	3,015	3,292	3,524	3,633	3,642	3,533	-----
Residential (nonfarm) ♀.....do.....	1,746	1,788	1,788	1,679	1,471	1,374	1,562	1,799	1,972	2,096	2,151	2,135	2,100	-----
New dwelling units.....do.....	1,327	1,362	1,375	1,329	1,170	1,080	1,230	1,370	1,473	1,583	1,625	1,614	1,590	-----
Additions and alterations.....do.....	366	370	354	291	243	238	276	372	438	448	458	450	440	-----
Nonresidential buildings, except farm and public utility, total ♀.....mil. of dol.....	736	743	754	716	655	636	625	627	687	762	801	811	773	-----
Industrial.....do.....	167	167	170	168	165	160	154	150	154	161	167	175	166	-----
Commercial.....do.....	318	322	331	310	273	268	270	276	320	364	379	369	352	-----
Farm construction.....do.....	157	131	112	98	109	112	124	137	158	175	185	189	174	-----
Public utility.....do.....	500	497	471	432	371	364	411	439	460	474	477	488	466	-----
Public, total.....do.....	1,588	1,584	1,390	1,198	1,130	1,032	1,127	1,285	1,469	1,637	1,610	1,649	1,564	-----
Nonresidential buildings.....do.....	427	429	386	367	359	326	367	385	386	408	407	410	382	-----
Military facilities.....do.....	155	164	166	118	107	91	100	119	144	159	130	135	136	-----
Highway.....do.....	627	620	494	388	348	319	328	419	549	654	673	695	657	-----
Other types.....do.....	379	371	344	325	316	296	332	362	390	416	400	409	389	-----
New construction (seasonally adjusted), total.....do.....	4,105	4,198	4,356	4,451	4,605	4,639	4,683	4,683	4,718	4,705	4,658	4,581	4,418	-----
Private, total ♀.....do.....	2,821	2,872	2,948	3,030	3,113	3,127	3,181	3,259	3,300	3,287	3,288	3,245	3,162	-----
Residential (nonfarm).....do.....	1,535	1,590	1,653	1,733	1,793	1,812	1,867	1,952	1,981	1,939	1,924	1,875	1,851	-----
Nonresidential buildings, except farm and public utility, total ♀.....mil. of dol.....	697	694	702	699	691	694	685	688	716	742	764	772	734	-----
Industrial.....do.....	167	165	167	166	160	160	156	153	157	163	170	175	168	-----
Commercial.....do.....	297	295	298	300	304	308	305	311	334	344	351	347	329	-----
Farm construction.....do.....	131	131	132	131	147	144	146	144	143	146	146	145	146	-----
Public utility.....do.....	442	440	443	449	464	461	467	461	447	446	438	436	413	-----
Public, total ♀.....do.....	1,284	1,326	1,408	1,421	1,492	1,512	1,502	1,424	1,418	1,418	1,370	1,336	1,256	-----
Nonresidential buildings.....do.....	387	397	395	400	396	397	395	388	383	381	380	370	346	-----
Military facilities.....do.....	124	134	160	135	127	125	133	143	144	139	116	114	108	-----
Highway.....do.....	442	457	510	524	600	613	596	517	513	511	510	504	466	-----

♂ Revised. ♀ Preliminary. σ Revision for August 1958; 144.6.

1 Indexes based on 1935-39=100 are as follows: Measured by—wholesale prices, 43.9 (October); consumer prices, 47.8 (September).

σ See corresponding note on p. S-6.

♀ Includes data not shown separately.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>CONSTRUCTION AND REAL ESTATE—Continued</b>														
<b>CONSTRUCTION CONTRACTS</b>														
Construction contracts in 48 States (F.W. Dodge Corp.): Valuation, total.....mil. of dol.	3,216	3,309	2,594	2,282	2,319	2,307	3,340	3,778	3,542	3,659	3,657	3,084	3,058	-----
Public ownership.....do.	1,049	1,071	927	887	800	800	869	1,207	1,094	1,167	1,186	850	840	-----
Private ownership.....do.	2,167	2,238	1,667	1,395	1,519	1,507	2,471	2,571	2,447	2,492	2,470	2,234	2,218	-----
By type of building:														
Nonresidential.....do.	892	955	775	748	818	704	913	1,187	1,072	1,055	1,191	961	1,006	-----
Residential.....do.	1,460	1,595	1,206	981	1,022	1,073	1,541	1,831	1,677	1,762	1,690	1,551	1,466	-----
Public works.....do.	541	532	518	481	372	403	478	638	632	604	631	458	379	-----
Utilities.....do.	323	228	95	72	108	126	408	122	161	238	144	114	207	-----
Engineering construction:														
Contract awards (ENR)\$.....mil. of dol.	1,348	1,621	1,112	1,352	1,641	1,314	1,644	1,905	1,967	1,877	2,482	1,495	1,538	1,494
Highway concrete pavement contract awards:♂														
Total.....thous. of sq. yd.	10,354	7,905	8,589	10,261	8,964	6,756	7,255	9,171	9,338	10,222	11,734	6,971	6,703	4,604
Airports.....do.	512	143	604	794	2,076	996	981	848	809	1,088	977	464	283	213
Roads.....do.	6,609	5,189	5,697	6,775	4,775	4,531	4,333	5,115	5,015	5,792	6,642	2,469	3,000	2,565
Streets and alleys.....do.	3,233	2,572	2,288	2,692	2,114	1,229	1,941	3,207	3,515	3,342	4,116	4,039	3,420	2,252
<b>NEW DWELLING UNITS</b>														
New permanent nonfarm dwelling units started:														
Unadjusted:														
Total, privately and publicly owned...thousands..	121.0	115.0	109.4	91.2	87.0	94.5	121.0	142.2	137.0	136.7	128.8	120.3	120.4	105.1
Privately owned, total.....do.	110.9	112.9	107.0	89.5	84.1	93.5	118.1	137.4	133.5	131.1	127.2	124.5	117.0	102.1
In metropolitan areas.....do.	76.9	78.3	72.3	62.8	59.7	60.8	80.2	93.3	91.8	90.5	87.3	84.1	81.4	73.5
Publicly owned.....do.	10.1	2.1	2.4	1.7	2.9	1.0	2.9	4.8	3.5	5.6	1.6	4.2	3.4	3.0
Seasonally adjusted at annual rate:														
Privately owned, total.....do.	1,255.0	1,303.0	1,427.0	1,432.0	1,364.0	1,403.0	1,403.0	1,434.0	1,370.0	1,368.0	1,375.0	1,340.0	1,325.0	1,180.0
Residential construction authorized, all permit-issuing places:														
New dwelling units, total.....thousands..	101.0	100.8	83.1	69.3	71.3	72.3	109.6	122.9	113.6	112.9	102.7	97.4	-----	-----
Privately financed, total.....do.	93.6	98.7	81.0	67.7	68.5	71.4	108.4	119.1	110.6	109.4	101.9	96.7	-----	-----
Units in 1-family structures.....do.	75.3	79.0	60.6	50.2	49.0	52.5	81.4	88.4	84.1	85.2	80.4	76.4	-----	-----
Units in 2-family structures.....do.	3.4	3.7	3.3	2.9	3.2	3.4	5.5	5.3	4.8	4.4	4.1	3.7	-----	-----
Units in multifamily structures.....do.	14.8	16.0	17.1	14.6	16.3	15.4	21.5	25.3	21.7	19.7	17.4	16.6	-----	-----
Publicly financed, total.....do.	7.4	2.1	2.1	1.6	2.8	.9	1.2	3.8	2.9	3.5	.8	.7	-----	-----
<b>CONSTRUCTION COST INDEXES</b>														
Department of Commerce composite†.....1947-49=100..	139	140	139	139	139	140	140	140	141	142	142	142	143	-----
American Appraisal Co., The:														
Average, 30 cities.....1913=100..	690	691	691	692	693	693	694	696	703	705	707	709	709	712
Atlanta.....do.	756	756	756	756	756	756	768	768	771	771	771	771	772	778
New York.....do.	741	741	741	741	753	753	753	753	754	755	769	769	776	778
San Francisco.....do.	639	640	641	641	641	641	641	644	658	658	658	659	660	669
St. Louis.....do.	671	671	671	671	672	672	672	688	688	688	689	689	689	699
Associated General Contractors (all types).....do.	504	504	504	504	505	506	507	509	511	516	522	522	525	526
E. H. Boeckh and Associates:†														
Average, 20 cities:														
Apartment, hotels, and office buildings:														
Brick and concrete.....U.S. avg. 1926-29=100..	296.9	298.3	298.8	299.6	301.1	301.2	301.4	302.8	304.7	307.6	308.4	308.9	309.2	309.1
Brick and steel.....do.	288.0	289.6	290.1	290.7	291.9	292.1	292.2	293.5	295.2	297.5	298.2	298.6	298.8	298.8
Brick and wood.....do.	285.6	286.7	287.0	287.4	288.5	289.3	289.5	290.9	292.3	294.3	295.0	295.3	295.5	295.4
Commercial and factory buildings:														
Brick and concrete.....do.	308.5	309.7	310.1	311.2	312.8	312.9	313.0	314.7	316.7	319.7	320.5	321.0	321.2	321.2
Brick and steel.....do.	307.2	308.1	308.7	309.5	310.7	310.9	311.0	313.0	314.7	317.3	318.0	318.4	318.6	318.6
Brick and wood.....do.	286.2	287.1	287.4	287.8	288.9	289.5	289.7	290.8	292.3	294.1	294.7	295.0	295.1	295.0
Frame.....do.	281.8	282.7	282.9	283.2	284.5	285.7	286.0	287.7	289.1	291.1	291.8	292.0	292.2	292.2
Steel.....do.	293.2	293.8	294.4	295.0	295.9	296.0	296.1	298.6	299.9	301.7	302.2	302.5	302.6	302.6
Residences:														
Brick.....do.	286.3	287.3	287.5	288.0	289.2	290.0	290.2	291.6	293.1	295.0	295.6	296.0	296.2	296.2
Frame.....do.	276.5	277.5	277.7	278.0	279.1	280.2	280.4	282.0	283.3	285.0	285.6	285.9	286.1	286.1
Engineering News-Record:⊙														
Building.....1947-49=100..	158.7	158.2	158.2	158.6	158.9	159.8	160.6	161.0	162.2	163.2	163.9	164.4	164.3	163.9
Construction.....do.	171.1	170.9	170.8	171.8	171.9	172.5	173.2	174.5	175.5	178.1	179.1	179.4	179.1	178.8
Bu. of Public Roads—Highway construction:														
Composite, standard mile (avg. for qtr.).....1946=100..	139.2	-----	-----	141.6	-----	-----	140.8	-----	-----	137.1	-----	-----	137.3	-----
<b>CONSTRUCTION MATERIALS</b>														
Output index, composite, unadj. ♀ ⊕.....1947-49=100..	137.9	145.0	119.4	113.4	116.1	114.3	137.6	149.9	152.1	161.6	136.1	-----	-----	-----
Seasonally adjusted ♀ ⊕.....do.	131.9	128.5	124.9	131.4	124.2	129.5	142.7	147.5	141.9	151.1	140.0	-----	-----	-----
Iron and steel products, unadj.....do.	131.4	134.2	112.1	108.2	109.8	110.0	140.0	160.8	162.1	191.2	108.1	-----	-----	-----
Lumber and wood products, unadj. ⊕.....do.	131.3	142.8	117.9	117.0	121.5	119.0	131.4	142.6	141.5	144.3	139.6	-----	-----	-----
Portland cement, unadj.....do.	189.0	196.5	167.7	141.1	111.3	100.0	145.5	174.0	200.0	200.1	204.5	208.2	-----	-----
<b>REAL ESTATE</b>														
Home mortgages insured or guaranteed by—														
Fed. Hous. Adm.: Face amount.....thous. of dol.	479,877	500,786	457,422	510,264	585,280	506,322	529,826	490,161	477,597	520,515	523,850	503,596	510,029	-----
Vet. Adm.: Face amount.....do.	189,350	239,396	216,053	257,108	276,178	238,320	260,493	230,597	211,489	221,169	227,297	202,142	-----	-----
Federal Home Loan Banks, outstanding advances to member institutions.....mil. of dol.	1,010	1,083	1,123	1,298	1,146	1,101	1,087	1,183	1,246	1,537	1,557	1,665	1,795	-----
New mortgage loans of all savings and loan associations, estimated total.....mil. of dol.	1,215	1,290	1,053	1,136	1,013	1,012	1,257	1,359	1,434	1,555	1,529	1,421	1,374	-----
By purpose of loan:														
Home construction.....do.	401	428	345	376	317	326	439	480	522	554	520	472	451	-----
Home purchase.....do.	537	570	469	488	442	429	515	562	601	674	605	662	645	-----
All other purposes.....do.	277	291	239	272	254	257	303	317	311	327	315	287	278	-----
New nonfarm mortgages recorded (\$20,000 and under), estimated total.....mil. of dol.	2,596	2,857	2,432	2,629	2,352	2,245	2,586	2,776	2,768	2,974	3,100	2,871	2,834	-----
Nonfarm foreclosures.....number..	3,820	3,881	3,339	3,522	3,801	3,307	3,933	3,841	3,876	3,946	-----	-----	-----	-----
Fire losses.....thous. of dol.	73,303	73,393	71,539	100,523	112,983	98,120	99,610	90,689	81,597	77,867	82,334	74,660	83,027	-----

† Revised. ♀ Preliminary. ⊕ Negative figure due to termination of contract reflected in earlier data.

§ Data for October 1958 and January, April, July, and October 1959 are for 5 weeks; other months, 4 weeks.

♂ Data for September and December 1958 and April, July, and September 1959 are for 5 weeks; other months, 4 weeks.

⊙ Minor revisions prior to 1958 are available upon request. ⊕ Copyrighted data; see last paragraph of headnote, p. S-1. ⊙ Data reported at the beginning of each month are shown here for the previous month. ♀ Includes data for items not shown separately. ⊕ Revisions for 1955-58 are shown in the September 1959 Survey.



Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>DOMESTIC TRADE</b>														
<b>ADVERTISING</b>														
Printers' Ink advertising index, seas. adjusted:														
Combined index, 1947-49=100.....	200	215	208	211	215	219	219	230	226	225	233	222		
Business papers.....do.....	218	217	221	218	232	225	232	232	243	235	226	235		
Magazines.....do.....	143	162	156	161	162	165	157	164	165	171	185	175		
Newspapers.....do.....	180	202	179	181	188	195	199	222	206	198	216	197		
Outdoor.....do.....	145	169	156	145	135	154	127	157	165	156	159	165		
Radio (network).....do.....	29	28	27	28	28	24	28	36	30	27	24	19		
Television (network).....do.....	400	430	433	447	444	461	474	467	458	471	474	437		
Television advertising:														
Network:														
Gross time costs, total.....thous. of dol.	42,417	52,526	52,009	53,939	52,076	48,885	55,559	52,143	52,211	48,527	48,136	46,743		
Automotive, including accessories.....do.....	3,870	5,178	3,999	3,642	3,884	3,632	4,009	4,154	3,987	3,406	3,000	3,271		
Drugs and toiletries.....do.....	11,363	14,537	13,962	15,408	15,370	13,863	15,468	13,874	14,473	14,422	13,961	13,435		
Foods, soft drinks, confectionery.....do.....	9,133	10,783	11,032	11,874	12,064	10,848	11,643	10,015	10,142	9,724	10,144	8,971		
Soaps, cleansers, etc.....do.....	4,815	5,084	4,816	5,554	5,453	5,421	6,123	6,019	5,459	5,323	5,668	5,219		
Smoking materials.....do.....	4,933	5,948	6,771	6,031	6,764	6,112	7,025	6,059	6,138	5,829	6,189	6,352		
All other.....do.....	8,303	10,995	11,430	11,430	8,541	9,010	11,290	12,022	12,013	9,822	9,173	9,496		
Spot:														
Gross time costs, quarterly total.....do.....	113,184			149,105			156,419			158,904				
Automotive, including accessories.....do.....	1,438			1,036			1,816			5,744				
Drugs and toiletries.....do.....	22,378			30,696			33,039			26,491				
Foods, soft drinks, confectionery.....do.....	32,282			52,191			54,125			51,023				
Soaps, cleansers, etc.....do.....	16,015			18,261			21,268			23,322				
Smoking materials.....do.....	8,330			5,800			8,109			7,770				
All other.....do.....	32,741			40,221			38,062			44,554				
Magazine advertising:														
Cost, total.....do.....	61,224	71,529	74,915	54,261	41,070	56,400	70,080	73,862	73,922	66,405	46,054	51,025	69,709	
Apparel and accessories.....do.....	7,450	5,273	4,410	3,479	1,767	2,935	4,888	5,244	5,042	2,669	683	4,483	7,482	
Automotive, incl. accessories.....do.....	2,742	6,355	9,727	4,831	4,950	4,644	7,428	7,973	8,437	7,645	4,870	4,250	3,828	
Building materials.....do.....	3,478	2,684	2,534	695	1,005	2,783	3,317	4,635	3,724	3,423	1,674	1,404	4,778	
Drugs and toiletries.....do.....	5,826	7,026	7,373	4,922	3,740	5,827	6,723	6,038	6,501	7,351	5,566	5,157	6,325	
Foods, soft drinks, confectionery.....do.....	6,879	9,080	9,617	7,141	5,578	9,071	9,145	8,042	8,316	9,128	7,926	8,292	7,782	
Beer, wine, liquors.....do.....	3,166	4,071	4,506	6,399	1,713	2,965	4,326	3,931	4,195	4,224	3,587	3,127	4,135	
Household equip., supplies, furnishings.....do.....	4,446	7,099	6,008	3,647	2,271	3,681	5,306	7,674	7,797	5,953	3,014	3,554	6,002	
Industrial materials.....do.....	3,916	3,980	3,675	2,708	2,455	2,894	3,816	4,409	4,690	4,423	3,675	3,539	4,826	
Soaps, cleansers, etc.....do.....	972	1,652	1,016	499	394	880	1,322	1,392	1,046	1,002	608	479	691	
Smoking materials.....do.....	2,561	2,536	2,709	2,366	1,777	2,290	2,426	2,082	2,366	2,546	1,882	2,448	2,518	
All other.....do.....	19,789	21,771	22,738	17,574	15,421	18,429	21,384	22,441	21,809	18,031	12,569	14,292	21,343	
Linage, total.....thous. of lines.....	4,990	4,942	4,678	3,637	4,069	4,510	5,320	5,278	4,747	4,067	3,420	4,603	5,434	
Newspaper advertising linage (52 cities), total.....do.....	224,642	250,226	252,862	230,978	193,525	196,096	236,459	255,002	263,826	236,972	220,351	234,381	246,914	
Classified.....do.....	53,406	55,071	53,268	45,796	51,738	50,742	59,326	63,152	68,279	63,289	63,390	67,880	64,199	
Display, total.....do.....	171,236	204,155	199,594	185,182	141,787	145,353	177,134	191,850	195,547	173,682	156,961	166,501	182,715	
Automotive.....do.....	8,938	17,092	13,565	8,458	8,853	9,172	12,150	15,710	16,603	15,514	14,398	12,550	12,245	
Financial.....do.....	3,522	4,131	3,672	4,264	5,721	3,598	4,801	4,783	4,091	5,212	5,035	3,399	4,014	
General.....do.....	29,608	39,486	33,309	24,451	22,058	27,607	30,720	35,590	35,738	31,373	25,831	24,390	32,411	
Retail.....do.....	129,167	143,447	149,047	148,008	105,155	104,976	129,463	135,767	139,115	121,581	111,698	125,754	134,045	
<b>PERSONAL CONSUMPTION EXPENDITURES</b>														
Seasonally adjusted quarterly totals at annual rates:														
Goods and services, total.....bil. of dol.	294.4			299.1			303.9			311.2			313.3	
Durable goods, total ♀.....do.....	37.1			39.8			41.3			44.1			43.6	
Automobiles and parts.....do.....	13.2			15.7			17.2			18.8			18.2	
Furniture and household equipment.....do.....	17.6			17.8			17.7			18.8			18.9	
Nondurable goods, total ♀.....do.....	143.1			143.6			145.3			147.7			148.0	
Clothing and shoes.....do.....	26.7			26.6			26.7			27.8			27.8	
Food and alcoholic beverages.....do.....	76.6			77.0			77.8			79.0			78.8	
Gasoline and oil.....do.....	10.7			10.7			11.0			11.1			11.3	
Services, total ♀.....do.....	114.2			115.7			117.4			119.4			121.6	
Household operation.....do.....	17.0			17.2			17.3			17.6			17.8	
Housing.....do.....	38.4			39.0			39.6			40.3			41.0	
Transportation.....do.....	9.1			9.2			9.3			9.3			9.5	
<b>RETAIL TRADE</b>														
All retail stores:														
Estimated sales (unadjusted), total.....mil. of dol.	16,326	17,360	17,039	21,174	16,225	14,961	17,190	17,589	18,600	18,708	18,332	18,054	17,570	19,024
Durable goods stores ♀.....do.....	5,080	5,379	5,343	6,390	5,121	4,927	5,831	6,208	6,435	6,826	6,419	6,240	5,709	6,371
Automotive group.....do.....	2,447	2,613	2,756	3,214	3,017	2,899	3,464	3,566	3,696	3,880	3,579	3,410	2,878	3,474
Motor-vehicle, other automotive dealers.....do.....	2,259	2,407	2,561	2,965	2,856	2,748	3,283	3,349	3,471	3,641	3,343	3,172	2,668	
Tire, battery, accessory dealers.....do.....	188	205	195	249	161	151	181	217	225	239	236	232	210	
Furniture and appliance group.....do.....	850	932	937	1,176	784	746	808	839	899	978	916	942	921	1,003
Furniture, home furnishings stores.....do.....	546	609	613	723	486	475	521	555	585	619	574	597	573	
Household-appliance, TV, radio stores.....do.....	304	323	325	453	298	271	287	284	314	359	342	345	348	
Lumber, building, hardware group.....do.....	1,038	1,083	929	919	697	684	844	1,041	1,093	1,138	1,135	1,092	1,093	
Lumber, building-materials dealers.....do.....	812	841	704	631	523	517	651	796	830	876	895	863	866	
Hardware stores.....do.....	225	242	225	288	174	167	193	245	263	262	240	229	227	
Nondurable goods stores ♀.....do.....	11,246	11,981	11,696	14,784	11,104	10,034	11,359	11,381	12,165	11,882	11,913	11,814	11,861	12,653
Apparel group.....do.....	1,042	1,135	1,119	1,854	868	750	1,101	996	1,128	1,077	924	958	1,120	1,200
Men's and boys' wear stores.....do.....	167	198	210	391	172	138	171	179	213	226	184	172	190	
Women's apparel, accessory stores.....do.....	418	457	451	744	359	322	455	418	461	410	356	377	428	
Family and other apparel stores.....do.....	256	287	273	459	183	160	257	217	246	243	213	231	275	
Shoe stores.....do.....	200	194	185	260	154	130	218	182	208	198	171	178	227	

\* Revised.    † Advance estimate.    ♀ Includes data not shown separately.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>DOMESTIC TRADE—Continued</b>														
<b>RETAIL TRADE—Continued</b>														
All retail stores—Continued														
Estimated sales (unadjusted)—Continued														
Nondurable goods stores—Continued														
Drug and proprietary stores.....mil. of dol.	538	556	541	738	581	534	580	559	591	582	579	587	591	1 605
Eating and drinking places.....do	1,276	1,280	1,204	1,243	1,158	1,070	1,157	1,215	1,336	1,372	1,458	1,458	1,378	1 368
Food group.....do	4,068	4,344	4,188	4,475	4,382	3,869	4,108	4,157	4,437	4,271	4,481	4,295	4,215	4 590
Grocery stores.....do	3,594	3,875	3,720	3,947	3,914	3,445	3,658	3,714	3,966	3,797	3,999	3,823	3,746	4 102
Gasoline service stations.....do	1,346	1,384	1,338	1,369	1,282	1,197	1,318	1,348	1,427	1,450	1,516	1,504	1,419	1 445
General merchandise group ?.....do	1,781	1,932	2,018	3,358	1,444	1,359	1,733	1,774	1,892	1,879	1,701	1,843	1,917	1 209
Department stores, excl. mail-order.....do	1,049	1,146	1,201	1,952	842	768	986	1,045	1,096	1,107	970	1,057	1,126	1 266
Mail-order (catalog sales).....do	129	147	161	234	108	114	134	132	137	126	120	138	147	
Variety stores.....do	289	305	308	649	223	232	300	232	299	301	287	304	306	
Liquor stores.....do	360	384	390	596	354	324	356	345	381	373	403	397	385	
Estimated sales (seasonally adjusted), total.....do	16,563	16,941	16,961	17,603	17,455	17,575	17,914	17,953	18,223	18,189	18,296	18,109	17,783	1 18,260
Durable goods stores ?.....do	5,095	5,374	5,521	5,825	5,836	5,869	6,045	6,137	6,100	6,162	6,160	6,095	5,774	1 6,302
Automotive group.....do	2,600	2,819	2,906	3,256	3,258	3,249	3,340	3,396	3,375	3,476	3,454	3,350	3,105	
Motor-vehicle, other automotive dealers.....do	2,412	2,625	2,702	3,060	3,047	3,045	3,128	3,175	3,154	3,268	3,249	3,135	2,894	
Tire, battery, accessory dealers.....do	189	194	204	196	211	204	212	221	221	208	205	215	211	
Furniture and appliance group.....do	858	871	883	868	880	889	902	918	940	936	929	952	928	
Furniture, home furnishings stores.....do	559	565	568	548	549	562	570	600	599	603	589	594	586	
Household-appliance, TV, radio stores.....do	299	306	315	321	331	327	332	318	341	333	340	358	342	
Lumber, building, hardware group.....do	926	940	942	919	904	979	1,011	1,047	1,034	991	1,009	988	964	
Lumber, building-materials dealers.....do	711	718	722	706	676	745	782	799	787	756	780	758	745	
Hardware stores.....do	215	222	220	213	228	234	229	248	247	235	229	230	219	
Nondurable goods stores ?.....do	11,468	11,567	11,440	11,778	11,619	11,706	11,869	11,816	12,123	12,027	12,136	12,014	12,009	1 11,958
Apparel group.....do	1,042	1,068	1,033	1,101	1,032	1,082	1,106	1,059	1,154	1,100	1,133	1,096	1,111	
Men's and boys' wear stores.....do	191	193	181	199	188	197	201	203	228	217	225	217	213	
Women's apparel, accessory stores.....do	432	434	429	446	422	450	447	428	454	435	441	437	435	
Family and other apparel stores.....do	242	257	235	261	232	241	261	240	273	260	267	257	260	
Shoe stores.....do	177	185	188	196	190	194	197	188	199	188	200	185	203	
Drug and proprietary stores.....do	563	568	565	580	579	569	592	579	592	596	592	600	618	
Eating and drinking places.....do	1,221	1,244	1,232	1,243	1,262	1,243	1,240	1,283	1,304	1,312	1,325	1,295	1,319	
Food group.....do	4,169	4,187	4,215	4,242	4,243	4,274	4,320	4,292	4,342	4,300	4,289	4,305	4,267	
Grocery stores.....do	3,686	3,726	3,754	3,772	3,767	3,806	3,848	3,836	3,875	3,833	3,815	3,834	3,798	
Gasoline service stations.....do	1,338	1,358	1,342	1,356	1,367	1,368	1,376	1,381	1,386	1,388	1,404	1,392	1,411	
General merchandise group ?.....do	1,817	1,805	1,777	1,887	1,826	1,855	1,883	1,935	2,000	1,961	2,030	1,989	1,958	
Department stores, excl. mail-order.....do	1,055	1,042	1,051	1,099	1,077	1,072	1,078	1,111	1,146	1,151	1,186	1,183	1,142	
Mail-order (catalog sales).....do	129	134	127	139	136	144	143	149	152	136	146	150	149	
Variety stores.....do	309	310	292	314	297	319	320	330	332	337	337	315	323	
Liquor stores.....do	380	384	366	384	376	387	400	388	387	410	411	399	395	
Estimated inventories:														
Unadjusted, total.....do	23,680	24,180	24,840	23,210	23,400	24,030	24,680	25,270	25,010	24,640	24,640	24,520	24,300	
Durable goods stores.....do	10,110	10,110	10,620	10,640	10,920	11,210	11,590	11,930	11,940	12,810	11,870	11,370	10,660	
Nondurable goods stores.....do	13,570	14,070	14,220	12,570	12,480	12,820	13,090	13,340	13,070	12,830	12,770	13,150	13,640	
Seasonally adjusted, total.....do	23,680	23,490	23,600	23,980	24,190	24,120	24,150	24,460	24,510	24,800	25,090	24,800	24,800	
Durable goods stores ?.....do	10,480	10,250	10,460	10,810	11,010	10,970	11,120	11,290	11,450	11,660	11,900	11,620	11,500	
Automotive group.....do	3,790	3,650	3,860	4,150	4,420	4,400	4,580	4,760	4,920	5,060	5,240	4,930	4,830	
Furniture and appliance group.....do	1,980	1,980	1,980	1,950	1,960	1,940	1,940	1,920	1,940	1,960	1,990	2,010	2,000	
Lumber, building, hardware group.....do	2,260	2,240	2,240	2,300	2,240	2,210	2,220	2,230	2,240	2,260	2,300	2,300	2,290	
Nondurable goods stores ?.....do	13,200	13,240	13,140	13,170	13,180	13,150	13,030	13,170	13,060	13,140	13,190	13,180	13,300	
Apparel group.....do	2,700	2,680	2,670	2,680	2,740	2,730	2,660	2,720	2,690	2,720	2,720	2,740	2,760	
Food group.....do	2,880	2,890	2,860	2,880	2,890	2,880	2,890	2,920	2,930	2,920	2,960	2,940	2,940	
General merchandise group.....do	4,030	4,080	4,090	4,140	4,130	4,070	4,030	4,060	4,040	4,120	4,150	4,170	4,250	
Firms with 4 or more stores:														
Estimated sales (unadjusted), total.....do	4,128	4,533	4,483	6,023	3,970	3,608	4,181	4,181	4,495	4,398	4,316	4,298	4,371	
Firms with 11 or more stores:														
Estimated sales (unadjusted) ?.....do	3,566	3,907	3,865	5,178	3,420	3,113	3,626	3,643	3,932	3,832	3,778	3,777	3,833	
Apparel group ?.....do	239	251	258	434	179	160	278	224	259	256	207	215	267	
Men's and boys' wear stores.....do	15	20	22	40	16	12	18	16	20	20	16	14	16	
Women's apparel, accessory stores.....do	101	107	111	192	74	69	114	97	113	106	89	97	111	
Shoe stores.....do	78	72	70	114	55	50	92	70	82	82	68	67	90	
Drug and proprietary stores.....do	90	93	92	149	93	87	98	92	99	99	100	98	99	
Eating and drinking places.....do	74	76	73	75	69	67	75	76	80	83	88	87	84	
Furniture, home furnishings stores.....do	41	47	47	47	33	35	39	41	39	39	36	39	38	
General merchandise group ?.....do	1,112	1,216	1,260	2,093	870	826	1,063	1,088	1,165	1,174	1,063	1,164	1,199	
Department stores, excl. mail-order.....do	669	731	751	1,166	524	477	614	673	705	720	636	687	721	
Variety stores.....do	220	234	239	509	168	176	233	201	231	235	221	236	234	
Grocery stores.....do	1,461	1,648	1,567	1,659	1,676	1,470	1,542	1,565	1,697	1,572	1,679	1,580	1,562	
Lumber, building-materials dealers.....do	75	78	69	55	48	48	59	70	76	82	82	81	80	
Tire, battery, accessory stores.....do	69	76	72	101	62	59	69	82	89	89	88	86	78	
Estimated sales (seas. adj.), total ?.....do	3,685	3,695	3,698	3,789	3,727	3,772	3,805	3,815	3,935	3,897	3,984	3,972	3,929	
Apparel group ?.....do	237	235	240	258	240	250	251	232	256	253	266	254	259	
Men's and boys' wear stores.....do	19	18	17	20	19	19	18	17	20	20	22	20	19	
Women's apparel, accessory stores.....do	103	101	104	111	105	109	106	102	109	108	109	107	110	
Shoe stores.....do	70	72	74	78	74	76	81	70	78	75	81	74	81	
Drug and proprietary stores.....do	94	94	97	100	98	97	101	96	101	101	102	103	103	
Eating and drinking places.....do	71	73	74	72	75	77	77	78	79	80	83	81	81	
Furniture, home furnishings stores.....do	43	40	42	39	40	42	41	42	40	40	39	39	39	
General merchandise group ?.....do	1,134	1,134	1,102	1,135	1,125	1,145	1,154	1,198	1,249	1,233	1,289	1,273	1,211	
Department stores, excl. mail-order.....do	673	664	658	651	669	666	671	716	737	748	778	778	717	
Variety stores.....do	236	240	223	243	228	242	248	236	260	253	261	247	248	
Grocery stores.....do	1,555	1,570	1,573	1,597	1,575	1,599	1,607	1,602	1,629	1,610	1,619	1,635	1,649	
Lumber, building-materials dealers.....do	64	67	71	65	62	64	70	71	71	72	72	71	68	
Tire, battery, accessory stores.....do	73	74	76	72	80	79	81	83	83	83	80	82	82	

\* Revised.    1 Advance estimate.    ? Includes data not shown separately.



Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October

## DOMESTIC TRADE—Continued

RETAIL TRADE—Continued														
Department stores:														
Accounts receivable, end of month:														
Charge accounts..... 1947-49=100.....	156	162	173	235	196	165	158	156	158	155	145	145	157	-----
Installment accounts..... do.....	337	340	350	391	392	381	373	367	366	368	363	368	376	-----
Ratio of collections to accounts receivable:														
Charge accounts..... percent.....	48	50	48	49	47	46	48	47	47	49	47	46	47	-----
Installment accounts..... do.....	16	15	15	15	15	15	16	15	15	16	15	15	15	-----
Sales by type of payment:														
Cash sales..... percent of total sales.....	42	42	43	44	44	43	43	43	43	44	44	44	42	-----
Charge account sales..... do.....	44	44	43	43	41	43	43	43	43	41	41	41	43	-----
Installment sales..... do.....	14	14	14	13	15	14	14	14	14	15	15	15	15	-----
Sales, unadjusted, total U.S..... 1947-49=100.....	137	141	166	251	106	107	125	130	141	* 137	121	132	* P 144	P 151
Atlanta..... do.....	* 161	173	197	305	135	138	167	165	175	162	157	177	* P 173	-----
Boston..... do.....	127	127	149	240	94	90	103	114	124	118	95	103	* P 131	-----
Chicago..... do.....	129	129	154	228	94	96	114	123	134	130	110	124	* P 138	-----
Cleveland..... do.....	129	129	154	244	96	103	117	123	132	127	115	126	* P 135	-----
Dallas..... do.....	* 155	165	190	277	133	126	151	157	172	160	155	176	* P 160	-----
Kansas City..... do.....	149	149	173	261	112	113	134	141	154	147	135	* P 156	* P 156	-----
Minneapolis..... do.....	* 135	142	150	227	93	99	119	122	127	135	107	* 131	* P 146	-----
New York..... do.....	129	135	160	235	104	100	112	116	126	125	100	102	* P 133	-----
Philadelphia..... do.....	135	143	179	251	101	102	124	128	138	132	108	112	* P 140	-----
Richmond..... do.....	151	158	186	286	113	114	138	139	156	146	129	138	* P 156	-----
St. Louis..... do.....	143	144	161	250	105	109	128	129	149	130	120	138	* P 144	-----
San Francisco..... do.....	140	142	173	262	119	119	132	138	146	151	143	157	* P 154	-----
Sales, seasonally adjusted, total U.S..... do.....	135	135	137	143	138	140	138	141	144	144	150	149	* P 143	P 144
Atlanta..... do.....	* 168	165	170	176	173	168	167	175	182	186	190	196	* P 180	-----
Boston..... do.....	119	125	122	132	119	120	116	120	124	118	133	132	* P 123	-----
Chicago..... do.....	124	122	125	134	124	129	129	130	135	133	140	139	* P 132	-----
Cleveland..... do.....	129	126	125	139	123	133	128	132	136	135	142	143	* P 135	-----
Dallas..... do.....	162	159	166	160	168	162	166	169	173	176	174	189	* P 167	-----
Kansas City..... do.....	148	144	149	151	150	155	156	150	158	154	154	163	* P 154	-----
Minneapolis..... do.....	126	123	130	136	127	133	141	127	131	139	134	* 139	* P 136	-----
New York..... do.....	125	128	125	133	129	127	123	126	130	128	138	133	* P 129	-----
Philadelphia..... do.....	* 133	140	135	142	134	134	129	142	139	140	148	135	* P 137	-----
Richmond..... do.....	145	151	149	156	160	159	146	156	158	157	161	161	* P 149	-----
St. Louis..... do.....	* 145	131	133	148	138	141	144	138	148	140	146	154	* P 146	-----
San Francisco..... do.....	140	141	149	148	150	155	155	153	154	161	161	* 162	* P 154	-----
Stocks, total U.S., end of month:†														
Unadjusted..... 1947-49=100.....	157	170	173	136	136	143	153	158	153	148	148	156	* P 168	-----
Seasonally adjusted..... do.....	150	152	153	150	152	150	148	151	151	156	159	160	* P 161	-----
WHOLESALE TRADE														
Sales, estimated (unadj.), total..... bil. of dol.....	11.9	12.8	11.5	12.0	11.1	10.7	11.9	12.2	12.3	12.8	12.7	12.2	13.0	-----
Durable goods establishments..... do.....	4.4	4.7	4.2	4.2	3.8	3.8	4.5	4.7	4.8	5.1	4.9	4.7	4.9	-----
Nondurable goods establishments..... do.....	7.5	8.1	7.3	7.8	7.3	6.8	7.5	7.6	7.5	7.7	7.8	7.5	8.1	-----
Inventories, estimated (unadj.), total..... do.....	11.7	11.9	12.0	11.6	11.8	11.9	12.0	12.0	12.2	12.4	12.4	12.4	12.5	-----
Durable goods establishments..... do.....	6.1	6.1	6.1	6.0	6.2	6.4	6.5	6.5	6.6	6.7	6.7	6.6	6.5	-----
Nondurable goods establishments..... do.....	5.6	5.8	5.9	5.7	5.6	5.6	5.6	5.5	5.6	5.7	5.7	5.9	6.0	-----

## EMPLOYMENT AND POPULATION

POPULATION														
Population, United States:														
Total, incl. armed forces overseas\$..... thousands.....	* 174,584	* 174,861	* 175,125	* 175,359	* 175,591	* 175,969	* 176,188	* 176,421	* 176,639	* 176,865	* 177,103	* 177,374	* 178,252	* 178,521
EMPLOYMENT														
Noninstitutional population, estimated number 14 years of age and over, total..... thousands.....														
Total labor force, including armed forces..... do.....	71,375	71,743	71,112	70,701	70,027	70,062	70,768	71,210	71,955	73,862	73,875	73,204	72,109	72,629
Civilian labor force, total..... do.....	68,740	69,111	68,485	68,081	67,430	67,471	68,189	68,639	69,405	71,324	71,338	70,667	69,577	70,103
Employed..... do.....	64,629	65,306	64,653	63,973	62,706	62,722	63,828	65,012	66,016	67,342	67,594	67,241	66,347	66,831
Agricultural employment..... do.....	6,191	6,404	5,695	4,871	4,693	4,692	5,203	5,848	6,408	7,231	6,825	6,357	6,242	6,124
Nonagricultural employment..... do.....	58,438	58,902	58,958	59,102	58,013	58,030	58,625	59,163	59,608	60,111	60,769	60,884	60,105	60,707
Unemployed..... do.....	4,111	3,805	3,833	4,108	4,724	4,749	4,362	3,627	3,389	3,982	3,744	3,426	3,230	3,272
Percent of civilian labor force: ⊕														
Unadjusted.....	6.0	5.5	5.6	6.0	7.0	7.0	6.4	5.3	4.9	5.6	5.2	4.8	4.6	4.7
Seasonally adjusted.....	7.2	7.1	5.9	6.1	6.0	6.1	5.8	5.3	4.9	4.9	5.1	5.5	5.6	6.0
Not in labor force..... thousands.....	50,844	50,618	51,374	51,909	52,697	52,770	52,177	51,849	51,225	49,435	49,547	50,345	51,550	51,155
Employees in nonagricultural establishments:														
Total, unadjusted (U.S. Dept. of Labor)..... do.....	51,237	51,136	51,432	51,935	50,310	50,315	50,878	51,430	51,982	52,580	52,343	* 52,066	* 52,660	* 52,573
Manufacturing..... do.....	15,755	15,536	15,795	15,749	15,674	15,771	15,969	16,034	16,187	16,455	16,410	* 16,169	* 16,375	* 16,168
Durable goods industries..... do.....	8,814	8,663	8,982	8,989	8,990	9,060	9,217	9,314	9,443	9,581	9,523	* 9,058	* 9,233	* 9,136
Nondurable goods industries..... do.....	6,941	6,873	6,813	6,760	6,684	6,711	6,752	6,720	6,744	6,874	6,887	* 7,111	* 7,142	* 7,032
Mining, total..... do.....	711	708	712	713	704	693	688	694	701	713	710	* 639	* 618	* 612
Metal..... do.....	91	91	94	93	94	94	96	96	97	98	97	* 62	* 46	-----
Anthracite..... do.....	19	19	20	20	20	18	16	15	15	15	17	15	16	-----
Bituminous coal..... do.....	187	189	191	192	192	188	180	176	176	178	171	* 136	136	-----
Crude-petroleum and natural-gas production..... thousands.....	302	297	297	301	296	292	294	297	301	309	311	* 310	306	-----
Nonmetallic mining and quarrying..... do.....	113	112	111	107	103	101	104	110	112	113	114	* 116	115	-----

\* Revised. \* Preliminary. \* Revision for August 1958: 130. † See note marked "\$".

† Revisions for January 1919–December 1954 appear on p. 27 of the May 1959 SURVEY.

\$ Estimates for Alaska and Hawaii are included effective with February 1959 and September 1959, respectively; preliminary estimate of civilian population in Alaska (Jan. 1, 1959), 153,000 persons and in Hawaii (Sept. 1, 1959), 603,000 persons. Revisions for February 1957–August 1958 (thousands): 170,038; 170,258; 170,496; 170,722; 170,959; 171,198; 171,467; 171,745; 172,020; 172,270; 172,494; 172,726; 172,941; 173,135; 173,359; 173,573; 173,810; 174,054; 174,315.

⊕ Monthly rates back to January 1947 are shown on p. 44 of the July 1959 SURVEY.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
Septem-ber	October	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	June	July	August	Septem-ber	October

## EMPLOYMENT AND POPULATION—Continued

EMPLOYMENT—Continued													
Employees in nonagricultural establishments, unadjusted (U.S. Dept. of Labor)—Continued													
Contract construction.....thousands.....	2,927	2,887	2,784	2,486	2,343	2,256	2,417	2,662	2,834	2,986	3,035	* 3,107	* 3,042
Transportation and public utilities.....do.....	3,886	3,897	3,885	3,881	3,836	3,835	3,805	3,879	3,914	3,944	3,949	* 3,922	* 3,903
Interstate railroads.....do.....	960	961	951	952	929	931	936	943	957	968	960	* 928	* 906
Local railroads and bus lines.....do.....	95	94	94	94	93	93	93	92	92	93	92	* 92	* 92
Trucking and warehousing.....do.....	781	811	823	830	803	810	823	825	841	854	856	* 855	* 879
Telephone.....do.....	719	714	713	709	706	705	704	704	704	706	712	* 711	* 710
Gas and electric utilities.....do.....	583	577	575	574	572	571	569	572	573	575	586	* 588	* 585
Wholesale and retail trade.....do.....	11,151	11,225	11,382	11,976	11,052	10,990	11,083	11,136	11,234	11,352	11,324	* 11,360	* 11,469
Wholesale trade.....do.....	3,016	3,039	3,052	3,065	3,028	3,025	3,019	3,024	3,026	3,054	3,069	* 3,081	* 3,092
Retail trade.....do.....	8,135	8,186	8,330	8,911	8,024	7,965	8,064	8,112	8,208	8,298	8,255	* 8,279	* 8,377
General merchandise stores.....do.....	1,421	1,474	1,575	1,943	1,397	1,349	1,388	1,416	1,422	1,437	1,439	* 1,408	* 1,496
Food and liquor stores.....do.....	1,596	1,597	1,611	1,630	1,583	1,598	1,599	1,605	1,611	1,617	1,600	* 1,604	* 1,615
Automotive and accessories dealers.....do.....	755	755	763	781	766	758	772	782	788	796	799	* 801	* 800
Finance, insurance, and real estate.....do.....	2,392	2,380	2,374	2,373	2,363	2,371	2,386	2,403	2,413	2,442	2,475	* 2,474	* 2,457
Service and miscellaneous.....do.....	6,472	6,463	6,426	6,384	6,314	6,333	6,377	6,511	6,583	6,623	6,603	* 6,582	* 6,619
Hotels and lodging places.....do.....	527	527	527	527	527	527	527	527	527	527	527	* 527	* 527
Laundries.....do.....	312	311	309	307	307	304	305	308	312	317	318	* 316	* 313
Cleaning and dyeing plants.....do.....	167	170	168	167	166	165	167	171	176	176	169	* 166	* 169
Government.....do.....	7,943	8,040	8,074	8,373	8,024	8,066	8,093	8,111	8,116	8,065	7,837	* 7,813	* 8,167
Total, seasonally adjusted.....do.....	50,780	50,582	50,877	50,844	51,086	51,194	51,456	51,887	52,125	52,407	52,558	* 52,023	* 52,169
Manufacturing.....do.....	15,529	15,358	15,693	15,701	15,764	15,819	16,006	16,182	16,372	16,527	16,580	* 16,037	* 16,151
Durable goods industries.....do.....	8,801	8,625	8,937	8,956	9,007	9,049	9,192	9,319	9,402	9,573	9,635	* 9,094	* 9,222
Nondurable goods industries.....do.....	6,728	6,733	6,756	6,745	6,757	6,770	6,814	6,863	6,910	6,954	6,945	* 6,943	* 6,936
Mining.....do.....	707	708	708	709	704	693	688	701	708	709	714	* 693	* 695
Contract construction.....do.....	2,698	2,698	2,690	2,550	2,630	2,626	2,719	2,829	2,787	2,799	2,800	* 2,814	* 2,776
Transportation and public utilities.....do.....	3,858	3,857	3,875	3,859	3,894	3,880	3,885	3,886	3,917	3,928	3,920	* 3,893	* 3,893
Wholesale and retail trade.....do.....	11,151	11,154	11,119	11,143	11,216	11,279	11,263	11,333	11,363	11,425	11,465	* 11,529	* 11,500
Finance, insurance, and real estate.....do.....	2,392	2,392	2,386	2,385	2,387	2,395	2,398	2,403	2,413	2,418	2,426	* 2,437	* 2,457
Service and miscellaneous.....do.....	6,440	6,399	6,426	6,448	6,443	6,442	6,441	6,479	6,486	6,525	6,570	* 6,549	* 6,536
Government.....do.....	8,005	7,986	7,980	8,049	8,028	8,040	8,056	8,074	8,079	8,076	8,083	* 8,131	* 8,203
Production workers in manufacturing industries, unadj. (U.S. Dept. of Labor)—thousands.....													
Durable goods industries.....do.....	11,940	11,721	11,981	11,930	11,855	11,937	12,117	12,167	12,299	12,524	12,433	* 12,173	* 12,387
Ordinance and accessories.....do.....	6,579	6,421	6,742	6,740	6,739	6,794	6,937	7,025	7,159	7,248	7,161	* 6,679	* 6,855
Lumber and wood products (except furniture).....do.....	68	67	71	73	73	72	73	73	73	73	72	* 71	* 74
Sawmills and planing mills.....do.....	590	594	579	565	547	537	552	568	594	624	627	* 628	* 624
Furniture and fixtures.....do.....	297	298	290	282	275	277	277	285	294	302	302	* 305	* 304
Stone, clay, and glass products.....do.....	310	313	312	309	313	315	316	317	318	321	320	* 324	* 328
Primary metal industries.....do.....	438	422	426	422	411	413	433	444	454	466	464	* 468	* 458
Blast furnaces, steel works, and rolling mills.....do.....	897	899	930	943	952	979	1,015	1,037	1,052	1,067	1,038	* 628	* 609
Fabricated metal products.....do.....	445	457	459	464	469	489	515	529	537	543	521	* 132	* 123
Machinery (except electrical).....do.....	822	791	827	824	820	817	829	840	853	866	847	* 815	* 841
Electrical machinery.....do.....	1,007	1,005	1,020	1,038	1,057	1,090	1,113	1,126	1,153	1,167	1,149	* 1,138	* 1,170
Transportation equipment.....do.....	762	746	788	789	791	796	798	803	814	833	836	* 850	* 892
Motor vehicles and equipment.....do.....	1,100	992	1,199	1,208	1,216	1,203	1,226	1,229	1,233	1,224	1,207	* 1,132	* 1,204
Aircraft and parts.....do.....	463	358	554	567	581	568	591	594	600	598	586	* 520	* 601
Ship and boat building and repairs.....do.....	480	481	484	483	475	473	469	464	459	451	449	* 445	* 446
Instruments and related products.....do.....	118	118	122	119	121	120	123	126	126	124	121	* 117	* 109
Miscellaneous mfg. industries.....do.....	205	207	209	210	209	210	216	216	219	224	221	* 224	* 230
Nondurable goods industries.....do.....	380	386	379	360	350	368	372	379	385	380	401	* 416	* 416
Food and kindred products.....do.....	5,361	5,300	5,239	5,190	5,116	5,143	5,180	5,142	5,160	5,276	5,272	* 5,494	* 5,532
Meat products.....do.....	1,178	1,115	1,050	1,091	950	943	945	958	974	1,030	1,062	* 1,176	* 1,168
Canning and preserving.....do.....	249	251	251	250	243	239	239	235	242	245	249	* 249	* 236
Bakery products.....do.....	312	237	178	148	129	129	134	148	147	180	215	* 315	* 316
Tobacco manufactures.....do.....	166	166	164	162	159	159	158	159	160	162	163	* 166	* 165
Textile mill products.....do.....	96	94	85	83	79	76	72	70	69	70	67	* 90	* 98
Broadwoven fabric mills.....do.....	860	863	867	862	856	860	866	869	874	883	872	* 887	* 890
Knitting mills.....do.....	371	371	372	371	371	370	371	370	370	371	368	* 372	* 372
Apparel and other finished textile prod. ....do.....	196	197	195	190	186	183	196	196	200	205	210	* 210	* 210
Paper and allied products.....do.....	1,055	1,051	1,053	1,056	1,051	1,078	1,085	1,055	1,055	1,068	1,048	* 1,103	* 1,106
Pulp, paper, and paperboard mills.....do.....	447	447	446	443	440	440	441	443	446	453	449	* 454	* 459
Printing, publishing, and allied industries.....do.....	223	222	223	221	221	220	219	221	223	227	226	* 227	* 227
Chemicals and allied products.....do.....	548	551	548	550	544	545	551	553	553	555	552	* 558	* 568
Industrial organic chemicals.....do.....	511	517	514	514	515	518	527	535	532	527	527	* 532	* 540
Products of petroleum and coal.....do.....	191	193	194	195	196	197	199	200	202	204	206	* 208	* 210
Petroleum refining.....do.....	158	153	156	155	154	150	160	159	159	160	158	* 151	* 158
Rubber products.....do.....	120	116	120	119	119	115	122	122	122	122	120	* 115	* 114
Leather and leather products.....do.....	188	195	195	198	199	199	202	176	172	196	203	* 213	* 213
Production workers in mfg., seasonally adjusted: Total.....thousands.....	321	315	324	329	329	333	331	324	325	334	335	* 339	* 336
Durable goods industries.....do.....	11,725	11,551	11,876	11,884	11,941	11,979	12,149	12,303	12,481	12,600	12,612	* 12,052	* 12,169
Nondurable goods industries.....do.....	6,568	6,385	6,693	6,708	6,754	6,783	6,914	7,028	7,162	7,244	7,275	* 6,717	* 6,846
Production workers in manufacturing industries: Indexes of employment: Unadjusted.....1947-49=100.....	96.5	94.8	96.9	96.5	95.8	96.5	98.0	98.4	99.4	101.3	100.5	* 98.4	* 100.1
Seasonally adjusted.....do.....	94.8	93.4	96.0	96.1	96.5	96.8	98.2	99.5	100.9	101.9	102.0	* 97.4	* 98.4
Miscellaneous employment data:													
Federal civilian employees (executive branch): United States.....thousands.....	2,146.7	2,145.7	2,145.5	2,146.4	2,142.8	2,140.6	2,142.6	2,147.6	2,145.0	2,171.8	2,177.2	* 2,192.1	* 2,172.5
Washington, D.C., metropolitan area.....do.....	206.5	206.9	207.2	215.5	207.3	207.6	207.7	207.7	207.3	212.7	213.0	* 211.1	* 208.2
Railroad employees (class I railroads): Total.....thousands.....	864	867	856	852	836	839	845	854	869	879	870	* 839	* 816
Indexes: Unadjusted.....1947-49=100.....	65.0	65.2	64.4	63.8	62.8	63.0	63.4	64.0	65.2	66.0	65.5	* 63.5	* 61.8
Seasonally adjusted.....do.....	64.9	66.6	65.9	65.2	62.3	63.1	63.9	64.9	64.3	64.5	64.1	* 62.4	* 61.6

\* Revised. \* Preliminary. 1 Includes Post Office employees hired for Christmas season; there were about 316,700 such employees in continental U.S. in December 1958. 2 See note marked "4".

9 Includes data for industries not shown. 7 Except ordinance, machinery, and transportation equipment.

1 Employees in Alaska and Hawaii are included effective with January 1959 and August 1959, respectively. For all branches of the Federal Government, civilian employees in Alaska (at the end of January 1959) totaled 13,200 persons and in Hawaii (at the end of August 1959), 21,900 persons.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>EMPLOYMENT AND POPULATION—Continued</b>														
<b>INDEXES OF WEEKLY PAYROLLS</b>														
Construction (construction workers).....1947-49=100..	232.9	231.4	212.2	184.4	174.7	160.5	179.9	205.8	223.3	240.0	244.4	* 257.7	244.0	-----
Manufacturing (production workers).....do.....	155.7	152.5	158.4	160.4	158.2	160.4	165.1	167.0	169.6	174.4	170.2	* 164.9	* 169.2	* 165.8
Mining (production workers).....do.....	105.5	105.0	106.8	109.4	108.0	106.2	105.3	106.5	110.7	115.4	106.5	* 98.4	94.3	-----
<b>HOURS AND EARNINGS</b>														
Average weekly hours per worker (U.S. Dept. of Labor):														
All manufacturing industries.....hours.....	39.9	39.8	39.9	40.2	39.9	40.0	40.2	40.3	40.5	40.7	40.2	40.5	* 40.3	* 40.3
Average overtime.....do.....	2.4	2.4	2.6	2.6	2.3	2.4	2.6	2.6	2.7	2.9	2.7	* 2.9	* 3.0	* 2.9
Durable goods industries.....do.....	40.2	40.1	40.3	40.8	40.4	40.3	40.8	40.9	41.1	41.4	40.5	* 40.8	40.7	* 40.8
Average overtime.....do.....	2.3	2.4	2.6	2.7	2.3	2.4	2.6	2.6	2.8	3.0	2.7	* 3.0	* 3.0	* 2.9
Ordinance and accessories.....do.....	41.2	41.2	41.1	41.9	41.5	41.1	41.3	41.0	41.5	41.2	41.2	* 40.7	* 41.1	* 41.0
Lumber and wood products (except furniture).....do.....	41.3	41.1	40.2	40.3	39.6	39.5	40.7	40.7	41.1	41.3	40.5	* 41.1	* 40.6	* 40.7
Sawmills and planing mills.....do.....	41.1	40.9	40.1	40.2	39.3	39.6	41.0	40.8	41.4	41.6	41.0	* 41.3	40.6	-----
Furniture and fixtures.....do.....	41.0	41.0	40.8	41.2	40.3	40.4	40.4	40.0	40.2	40.8	40.8	41.7	* 41.3	* 41.8
Stone, clay, and glass products.....do.....	41.1	41.0	40.9	40.4	40.2	40.5	41.0	41.3	41.6	41.7	41.5	* 41.6	* 41.1	* 40.8
Primary metal industries.....do.....	39.1	38.9	39.3	39.8	40.0	40.4	40.9	41.2	41.4	41.7	38.5	* 39.7	40.1	* 40.1
Blast furnaces, steel works, and rolling mills.....do.....	38.7	38.3	38.5	38.8	39.5	40.0	40.7	41.0	41.0	41.6	35.9	* 36.6	38.5	-----
Fabricated metal products.....do.....	41.0	40.8	40.8	41.2	40.5	40.4	40.8	41.1	41.5	41.9	41.0	* 41.6	* 41.5	* 41.2
Machinery (except electrical).....do.....	40.0	39.5	39.9	40.6	40.7	40.9	41.3	41.4	41.6	41.9	41.3	* 41.1	41.0	* 41.5
Electrical machinery.....do.....	40.4	39.9	40.6	40.6	40.4	40.2	40.3	40.2	40.5	40.8	40.1	* 40.5	* 40.6	* 40.9
Transportation equipment.....do.....	39.6	40.0	40.6	41.7	40.7	40.3	40.7	41.0	40.9	41.0	40.8	40.2	* 39.9	* 40.0
Motor vehicles and equipment.....do.....	38.6	39.7	41.0	43.0	41.0	40.2	41.0	41.7	41.7	41.5	41.3	* 40.2	40.1	-----
Aircraft and parts.....do.....	40.8	40.5	40.7	40.9	40.9	40.8	40.7	40.8	40.5	40.9	40.6	* 40.6	40.3	-----
Ship and boat building and repairs.....do.....	39.2	39.8	38.8	39.2	39.4	38.6	39.3	39.6	39.5	39.2	39.2	39.0	38.2	-----
Instruments and related products.....do.....	40.3	40.4	40.7	40.9	40.7	40.5	40.5	40.8	40.7	41.2	41.1	* 41.0	* 41.0	* 41.2
Miscellaneous mfg. industries.....do.....	40.1	40.3	40.4	40.4	40.1	40.1	40.0	40.3	40.3	40.5	40.0	* 40.4	* 40.5	* 40.7
Nondurable goods industries.....do.....	39.5	39.4	39.4	39.6	39.3	39.4	39.5	39.5	39.7	39.8	39.8	* 40.1	39.8	* 39.7
Average overtime.....do.....	2.6	2.5	2.5	2.6	2.4	2.4	2.6	2.5	2.6	2.7	2.8	2.9	* 3.0	* 2.8
Food and kindred products.....do.....	41.6	40.9	41.0	41.0	40.5	40.0	40.2	40.8	41.0	40.9	41.0	* 41.4	* 41.4	* 41.0
Meat products.....do.....	41.2	40.9	42.0	41.4	40.7	39.2	39.9	39.9	40.4	40.6	41.0	40.8	43.2	-----
Canning and preserving.....do.....	42.3	40.2	37.9	38.0	38.2	38.6	38.6	39.2	39.2	39.3	38.9	* 41.9	39.2	-----
Bakery products.....do.....	40.1	40.2	39.9	40.2	39.7	40.1	40.1	39.7	40.5	40.7	40.7	40.2	40.6	-----
Tobacco manufactures.....do.....	40.1	39.6	39.2	40.1	38.8	38.5	38.1	37.8	38.8	39.3	40.1	* 40.7	* 40.8	* 39.8
Textile mill products.....do.....	39.7	40.1	40.3	40.2	39.8	40.3	40.4	40.3	40.4	40.8	40.4	40.8	* 39.8	* 40.4
Broadwoven fabric mills.....do.....	39.7	40.4	40.7	40.5	40.2	40.8	40.9	40.8	41.0	41.3	41.1	* 41.6	40.3	-----
Knitting mills.....do.....	38.9	39.1	39.3	38.6	37.8	38.3	38.4	38.5	38.7	39.2	38.6	39.4	38.3	-----
Apparel and other finished textile prod.....do.....	36.1	36.0	35.8	36.1	36.0	36.7	36.5	36.6	36.6	36.7	36.8	* 37.4	* 36.5	* 36.7
Paper and allied products.....do.....	42.7	42.7	42.5	42.4	42.4	42.4	42.7	42.6	42.9	43.0	43.0	43.1	* 43.1	* 42.6
Pulp, paper, and paperboard mills.....do.....	43.7	43.5	43.3	43.4	43.5	43.4	43.7	43.8	44.0	44.1	44.4	44.1	44.4	-----
Printing, publishing, and allied industries.....do.....	38.0	37.9	37.9	38.4	38.0	37.9	38.3	38.1	38.1	38.1	38.2	38.3	* 38.7	* 38.6
Chemicals and allied products.....do.....	41.0	41.0	41.2	41.4	41.1	41.2	41.3	41.6	41.6	41.5	41.1	41.2	* 42.3	* 41.7
Industrial organic chemicals.....do.....	40.9	40.6	40.9	41.1	41.0	41.1	41.0	41.1	41.5	41.6	41.1	* 41.1	42.5	-----
Products of petroleum and coal.....do.....	40.7	40.2	40.6	40.2	40.9	40.3	41.2	40.9	41.0	40.9	41.1	40.6	* 41.3	* 40.4
Petroleum refining.....do.....	40.7	40.1	40.8	40.3	41.1	40.6	40.8	40.9	40.8	40.4	40.6	* 39.9	41.0	-----
Rubber products.....do.....	40.8	40.7	40.7	41.9	41.1	41.6	42.0	41.8	42.1	40.3	* 42.5	* 42.3	* 41.3	* 41.2
Leather and leather products.....do.....	36.7	37.0	37.5	38.5	39.1	38.8	38.0	37.0	37.6	38.2	38.3	* 37.8	* 36.8	* 37.0
<b>Nonmanufacturing industries:</b>														
Mining.....do.....	39.9	40.0	40.0	40.6	40.1	39.7	39.9	40.1	40.8	41.6	39.2	* 41.2	40.8	-----
Metal.....do.....	38.6	38.7	39.7	39.7	40.6	40.8	40.4	39.9	41.1	41.3	36.1	* 39.4	40.3	-----
Anthracite.....do.....	30.8	29.7	29.9	35.3	34.3	27.0	27.6	32.2	31.3	30.2	-----	27.9	31.8	-----
Bituminous coal.....do.....	35.4	35.8	35.3	38.1	36.3	35.6	35.2	35.2	36.7	38.8	32.5	* 36.7	35.4	-----
Petroleum and natural-gas production (except contract services).....do.....	40.9	40.3	41.2	40.5	41.3	41.4	41.2	40.5	40.3	40.2	41.6	40.9	41.1	-----
Nonmetallic mining and quarrying.....do.....	45.4	45.2	44.0	42.1	41.5	41.7	42.4	44.3	44.3	45.2	45.1	* 45.4	44.4	-----
Contract construction.....do.....	37.8	38.1	36.4	35.3	35.7	34.4	35.9	37.0	37.4	38.0	37.6	* 38.3	36.6	-----
Nonbuilding construction.....do.....	42.2	42.7	39.6	37.9	38.5	36.3	39.5	40.1	40.6	42.1	42.1	43.0	39.6	-----
Building construction.....do.....	36.5	36.8	35.4	34.6	35.0	34.0	35.0	36.1	36.4	36.8	36.3	* 36.9	35.7	-----
Transportation and public utilities:														
Local railways and bus lines.....do.....	42.4	42.5	42.6	42.9	42.6	42.5	42.6	42.9	43.2	43.6	43.2	* 43.1	42.1	-----
Telephone.....do.....	39.0	39.0	39.7	38.6	38.3	38.9	38.4	38.4	38.8	39.0	39.4	* 39.2	40.7	-----
Gas and electric utilities.....do.....	40.9	40.9	41.1	41.1	41.0	40.9	40.8	40.7	40.5	41.0	41.1	* 40.9	41.1	-----
Wholesale and retail trade:														
Wholesale trade.....do.....	40.3	40.3	40.1	40.4	40.2	40.0	40.2	40.1	40.3	40.5	40.6	40.5	40.5	-----
Retail trade (except eating and drinking places).....do.....	38.0	37.9	37.7	38.5	38.1	37.9	37.9	37.9	37.9	38.3	38.8	38.6	38.1	-----
General merchandise stores.....do.....	34.5	34.3	34.0	36.6	34.7	34.4	34.6	34.4	34.2	34.8	35.3	* 35.3	34.3	-----
Food and liquor stores.....do.....	36.6	36.2	36.3	36.3	36.4	36.4	36.3	36.2	36.2	36.8	37.4	* 37.1	36.7	-----
Automotive and accessories dealers.....do.....	43.7	43.8	43.7	44.0	44.2	43.9	43.8	44.0	43.9	44.1	44.0	* 43.9	43.8	-----
Service and miscellaneous:														
Hotels, year-round.....do.....	39.9	40.4	39.9	40.0	39.7	39.9	40.1	40.1	40.1	40.1	40.2	40.6	40.2	-----
Laundries.....do.....	39.3	39.4	38.8	39.2	39.3	39.0	39.4	39.9	40.4	40.1	39.5	* 39.6	39.7	-----
Cleaning and dyeing plants.....do.....	38.6	39.4	* 38.7	38.3	38.5	37.4	38.1	39.5	40.2	39.7	37.9	37.7	38.4	-----
<b>Average weekly gross earnings (U.S. Department of Labor):</b>														
All manufacturing industries.....dollars.....	85.39	85.17	86.58	88.04	87.38	88.00	89.24	89.87	90.32	91.17	89.65	88.70	* 89.47	* 89.06
Durable goods industries.....do.....	92.46	91.83	94.30	96.29	94.94	95.11	97.10	97.75	98.64	99.36	96.80	* 95.88	96.05	* 96.29
Ordinance and accessories.....do.....	103.00	103.00	103.16	106.43	105.00	103.57	104.08	103.32	105.83	105.47	105.06	* 103.38	* 105.22	* 105.37
Lumber and wood products (except furniture).....do.....	80.12	80.15	77.59	77.38	74.84	74.26	77.74	78.96	80.56	82.19	80.19	* 82.61	* 82.01	* 81.81
Sawmills and planing mills.....do.....	77.68	77.30	75.39	75.17	72.31	72.86	75.85	76.30	78.66	80.70	79.13	* 80.95	79.17	-----
Furniture and fixtures.....do.....	73.80	73.39	73.03	74.16	72.54	72.32	73.12	72.40	72.76	74.66	74.66	76.31	* 75.58	* 76.49
Stone, clay, and glass products.....do.....	88.78	86.51	87.53	87.26	86.83	87.89	90.20	91.27	91.94	92.16	92.13	* 92.35	* 92.06	* 90.58
Primary metal industries.....do.....	106.74	106.59	108.08	109.45	110.80	112.72	115.34	116.60	117.58	118.43	108.19	* 104.81	* 108.67	* 105.86
Blast furnaces, steel works, and rolling mills.....do.....	115.71	114.52	115.50	116.40	120.08	122.00	125.36	127.10	127.10	129.38	111.29	* 113.09	119.35	-----

\* Revised. \* Preliminary.

\* Includes data for industries not shown separately.

\* Except ordinance, machinery, and transportation equipment.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
September	October	November	December	January	February	March	April	May	June	July	August	September	October

## EMPLOYMENT AND POPULATION—Continued

HOURS AND EARNINGS—Continued														
Average weekly gross earnings (U.S. Department of Labor)—Continued														
All manufacturing industries—Continued														
Durable goods industries—Continued														
Fabricated metal products <sup>o</sup> .....dollars.....	93.89	93.02	94.66	96.00	93.96	94.13	95.88	96.59	98.36	99.72	97.17	* 99.01	* 99.19	* 98.06
Machinery (except electrical).....do.....	95.60	94.41	96.96	99.06	99.31	100.61	102.42	103.09	104.00	104.75	103.25	* 102.34	* 102.91	* 104.17
Electrical machinery.....do.....	87.26	85.79	88.91	89.32	88.88	88.84	89.06	88.84	89.51	90.58	89.02	* 89.91	* 90.54	* 91.21
Transportation equipment <sup>o</sup> .....do.....	100.98	102.00	106.78	110.92	106.63	105.59	107.04	107.83	107.98	109.06	108.53	108.14	* 108.13	* 108.80
Motor vehicles and equipment.....do.....	98.43	100.04	110.70	117.82	109.06	106.93	109.47	111.34	111.76	111.22	111.10	* 110.15	* 111.08	-----
Aircraft and parts.....do.....	104.04	104.09	104.19	105.52	105.52	105.67	105.01	105.67	105.71	107.98	106.78	* 107.18	* 106.80	-----
Ship and boat building and repairs.....do.....	100.35	102.68	99.72	101.53	102.44	99.97	102.18	101.77	101.91	100.74	102.70	* 102.57	* 99.70	-----
Instruments and related products.....do.....	89.47	89.28	90.76	91.62	91.17	91.13	91.53	92.21	91.98	94.35	93.71	* 93.48	* 93.89	* 94.35
Miscellaneous mfg. industries.....do.....	74.19	74.56	75.14	75.95	75.79	75.39	75.60	76.57	76.57	76.95	75.60	* 76.76	* 76.95	* 77.33
Nondurable goods industries.....do.....														
Food and kindred products <sup>o</sup> .....do.....	82.78	81.80	83.64	84.46	84.65	83.60	84.42	84.42	85.68	85.69	85.48	* 84.87	* 86.53	* 80.19
Meat products.....do.....	93.94	93.25	97.44	95.63	95.65	91.73	93.77	93.37	94.54	94.00	95.53	* 95.06	* 101.95	-----
Canning and preserving.....do.....	71.06	66.73	62.16	64.98	66.85	67.55	68.32	69.38	67.42	66.42	66.52	* 71.65	* 68.21	-----
Bakery products.....do.....	79.80	80.00	79.80	81.20	80.19	81.80	81.40	80.99	83.43	84.25	84.25	* 83.21	* 85.67	-----
Tobacco manufactures.....do.....	60.15	60.19	62.72	66.17	63.63	63.53	64.39	65.02	67.51	67.99	70.58	* 65.93	* 63.65	* 62.09
Textile mill products <sup>o</sup> .....do.....	59.95	60.95	61.26	61.10	60.89	61.66	63.43	63.27	63.83	64.46	63.83	* 64.87	* 63.28	* 64.24
Broadwoven fabric mills.....do.....	57.96	58.98	59.42	59.54	59.09	59.98	62.17	62.42	63.55	64.02	63.71	* 64.90	* 63.27	-----
Knitting mills.....do.....	57.18	57.48	58.16	56.74	55.94	56.68	57.22	57.37	57.66	58.41	57.13	* 58.71	* 57.45	-----
Apparel and other finished textile prod.....do.....	55.23	55.08	54.42	54.87	55.08	56.15	55.85	55.63	55.63	55.05	55.57	* 56.85	* 55.85	* 56.15
Paper and allied products.....do.....	91.38	91.38	90.95	91.16	91.58	92.01	92.66	92.87	93.52	94.60	95.03	* 95.68	* 96.54	* 94.57
Pulp, paper, and paperboard mills.....do.....	99.20	98.75	98.72	99.39	99.62	99.39	100.07	100.74	101.64	102.75	104.78	* 104.08	* 106.56	-----
Printing, publishing, and allied industries.....do.....	99.56	99.68	99.30	101.76	99.94	100.44	102.64	102.11	102.11	102.87	103.52	* 103.79	* 105.65	* 104.99
Chemicals and allied products.....do.....														
Industrial organic chemicals.....do.....	102.25	101.91	103.07	103.57	103.73	103.57	103.73	103.98	105.83	106.91	106.86	* 106.45	* 113.90	-----
Products of petroleum and coal.....do.....	112.33	110.15	112.46	111.35	113.70	114.86	118.24	118.20	117.67	117.79	118.78	* 116.12	* 120.18	* 116.35
Petroleum refining.....do.....	116.00	113.48	116.28	114.86	117.55	119.77	121.18	122.29	121.58	120.39	121.80	* 118.50	* 124.23	-----
Rubber products.....do.....	97.51	97.27	98.09	102.66	100.28	101.09	103.74	101.57	101.46	98.74	* 107.10	* 105.33	* 102.01	* 102.18
Leather and leather products.....do.....	57.99	58.46	59.63	61.22	62.56	62.08	60.80	59.57	60.54	61.50	60.90	* 60.48	* 59.25	* 59.57
Nonmanufacturing industries.....do.....														
Mining.....do.....	102.14	102.40	103.60	105.56	105.86	106.00	106.13	106.27	108.94	111.49	103.49	* 108.77	* 107.71	-----
Metal.....do.....	98.04	98.30	100.84	101.24	103.94	104.45	104.23	102.94	106.86	106.91	106.86	* 106.45	* 97.71	-----
Anthracite.....do.....	80.08	77.52	78.04	93.19	91.24	74.79	76.45	88.55	85.45	82.75	79.20	* 76.73	* 88.40	-----
Bituminous coal.....do.....	106.55	107.76	107.31	115.82	114.71	112.85	112.29	114.75	120.01	126.49	104.98	* 120.74	* 116.11	-----
Petroleum and natural-gas production (except contract services).....dollars.....	110.02	107.60	112.06	108.54	111.92	116.33	115.36	113.00	112.84	112.56	117.31	* 115.75	* 116.72	-----
Nonmetallic mining and quarrying.....do.....	95.34	95.37	92.84	89.67	87.98	88.82	90.31	94.80	95.25	98.08	98.32	* 100.33	* 98.12	-----
Contract construction.....do.....	114.91	115.82	110.66	109.43	111.03	106.64	110.57	113.59	114.82	116.66	116.56	* 119.88	* 116.02	-----
Nonbuilding construction.....do.....	117.32	118.71	108.11	105.36	105.88	100.19	108.23	110.28	112.06	117.46	118.30	* 121.26	* 113.26	-----
Building construction.....do.....	114.25	115.18	111.16	110.37	111.65	108.12	110.95	114.44	115.39	116.66	116.16	* 119.19	* 116.38	-----
Transportation and public utilities.....do.....														
Local railways and bus lines.....do.....	90.74	90.53	91.16	92.66	92.44	92.65	92.87	93.95	95.04	95.92	95.47	* 95.68	* 93.88	-----
Telephone.....do.....	81.12	81.51	82.97	81.06	80.81	82.47	81.79	82.56	84.20	85.02	86.29	* 85.85	* 89.13	-----
Gas and electric utilities.....do.....	101.84	102.66	103.57	103.57	103.32	103.89	104.04	103.79	103.68	105.37	106.04	* 105.93	* 107.27	-----
Wholesale and retail trade.....do.....														
Wholesale trade.....do.....	88.66	87.85	88.22	88.48	88.44	88.00	89.24	89.42	90.27	91.13	91.76	* 91.53	* 91.53	-----
Retail trade (except eating and drinking places) <sup>o</sup> .....dollars.....	64.98	64.81	64.47	64.68	66.29	65.95	66.33	66.70	67.79	68.68	68.32	* 68.82	* 67.82	-----
General merchandise stores.....do.....	46.92	46.65	45.90	48.68	48.23	47.13	47.40	47.47	47.54	48.72	49.07	* 49.42	* 48.36	-----
Food and liquor stores.....do.....	68.44	68.42	68.97	68.24	68.43	69.52	68.97	68.78	69.14	70.29	72.18	* 71.23	* 71.20	-----
Automotive and accessories dealers.....do.....	83.47	83.22	83.90	85.36	87.07	86.04	86.72	88.44	89.12	90.41	90.20	* 89.12	* 87.60	-----
Finance, insurance, and real estate.....do.....														
Banks and trust companies <sup>o</sup> .....do.....	66.57	66.93	67.30	67.48	67.14	67.34	68.25	68.06	68.25	67.69	68.06	* 68.07	* 67.69	-----
Service and miscellaneous.....do.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hotels, year-round.....do.....	45.09	45.65	45.49	46.40	45.66	46.28	46.12	46.52	46.92	47.32	47.44	* 47.91	* 47.84	-----
Laundries.....do.....	44.80	44.92	44.23	44.69	45.20	44.85	45.70	46.28	47.27	46.92	46.22	* 46.33	* 46.85	-----
Cleaning and dyeing plants.....do.....	51.34	52.80	51.86	51.32	51.98	50.49	51.82	53.72	55.48	54.79	51.92	* 51.65	* 52.99	-----
Average hourly gross earnings (U.S. Department of Labor).....do.....														
All manufacturing industries.....dollars.....														
Excluding overtime <sup>o</sup> .....do.....	2.14	2.14	2.17	2.19	2.19	2.20	2.22	2.23	2.23	2.24	2.23	* 2.19	* 2.22	* 2.21
Durable goods industries.....do.....	2.08	2.08	2.11	2.12	2.13	2.13	2.15	2.16	2.16	2.16	2.16	* 2.12	* 2.14	-----
Excluding overtime <sup>o</sup> .....do.....	2.30	2.29	2.34	2.36	2.35	2.36	2.38	2.39	2.40	2.39	2.35	* 2.36	* 2.36	-----
Excluding overtime <sup>o</sup> .....do.....	2.24	2.23	2.26	2.28	2.29	2.29	2.31	2.31	2.32	2.32	2.31	* 2.27	* 2.28	-----
Ordinance and accessories.....do.....	2.50	2.50	2.51	2.54	2.53	2.52	2.52	2.52	2.55	2.56	2.55	* 2.54	* 2.56	* 2.57
Lumber and wood products (except furniture).....dollars.....														
Sawmills and planing mills.....do.....	1.94	1.95	1.93	1.92	1.89	1.88	1.91	1.94	1.96	1.99	1.98	* 2.01	* 2.02	* 2.01
Furniture and fixtures.....do.....	1.89	1.89	1.88	1.87	1.84	1.84	1.85	1.87	1.90	1.94	1.93	* 1.96	* 1.95	-----
Stone, clay, and glass products.....do.....	1.80	1.79	1.79	1.80	1.80	1.79	1.81	1.81	1.81	1.83	1.83	* 1.83	* 1.83	* 1.83
Primary metal industries.....do.....	2.16	2.11	2.14	2.16	2.16	2.17	2.20	2.21	2.21	2.21	2.22	* 2.24	* 2.22	* 2.22
Blast furnaces, steel works, and rolling mills.....do.....	2.73	2.74	2.75	2.75	2.77	2.79	2.82	2.83	2.84	2.84	2.81	* 2.64	* 2.66	* 2.64
Fabricated metal products <sup>o</sup> .....dollars.....														
Machinery (except electrical).....do.....	2.99	2.99	3.00	3.00	3.04	3.05	3.08	3.10	3.10	3.11	3.10	* 3.09	* 3.10	-----
Electrical machinery.....do.....	2.29	2.28	2.32	2.33	2.32	2.33	2.35	2.35	2.37	2.38	2.37	* 2.38	* 2.39	* 2.38
Transportation equipment <sup>o</sup> .....do.....	2.39	2.39	2.43	2.44	2.44	2.46	2.48	2.49	2.50	2.50	2.50	* 2.49	* 2.51	* 2.51
Motor vehicles and equipment.....do.....	2.16	2.15	2.19	2.20	2.20	2.21	2.21	2.21	2.21	2.22	2.22	* 2.22	* 2.23	* 2.23
Aircraft and parts.....do.....	2.55	2.55	2.63	2.66	2.62	2.62	2.63	2.63	2.64	2.66	2.66	* 2.71	* 2.72	-----
Ship and boat building and repairs.....do.....	2.55	2.52	2.70	2.74	2.66	2.66	2.67	2.67	2.68	2.68	2.69	* 2.74	* 2.77	-----
Instruments and related products.....do.....	2.55	2.57	2.56	2.58	2.58	2.59	2.58	2.59	2.61	2.64	2.63	* 2.64	* 2.65	-----
Miscellaneous mfg. industries.....do.....	2.56	2.58	2.57	2.59	2.60	2.59	2.60	2.57	2.58	2.57	2.62	* 2.63	* 2.61	-----
Instruments and related products.....do.....	2.22	2.21	2.23	2.24	2.24	2.25	2.26	2.26	2.26	2.29	2.28	* 2.29	* 2.29	* 2.29
Miscellaneous mfg. industries.....do.....	1.85	1.85	1.86	1.88	1.89	1.88	1.89	1.90	1.90	1.90	1.89	* 1.90	* 1.90	* 1.90
Nondurable goods industries.....do.....														
Excluding overtime <sup>o</sup> .....do.....	1.95	1.95	1.96	1.97	1.98	1.98	2.00	2.00	2.00	2.00	2.01	* 2.00	* 2.03	* 2.02
Food and kindred products <sup>o</sup> .....do.....	1.89	1.89	1.90	1.91	1.92	1.92	1.93	1.94	1.94	1.94	1.95	* 1.93	* 1.95	-----
Meat products.....do.....	1.99	2.00	2.04	2.06	2.09	2.09	2.10	2.10	2.10	2.09	2.09	* 2.05	* 2.09	* 2.11
Canning and preserving.....do.....	2.28	2.28	2.32	2.31	2.35	2.34	2.35	2.34	2.34	2.33	2.33	* 2.33	* 2.36	-----
Bakery products.....do.....	1.68	1.66	1.64	1.71	1.75	1.75	1.77	1.77	1.72	1.69	1.71	* 1.71	* 1.74	-----
Bakery products.....do.....	1.99	1.99	2.00	2.02	2.02	2.04	2.03	2.04	2.06	2.07	2.07	* 2.07	* 2.11	-----

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	Septem-ber	October	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	June	July	August	Septem-ber	October
EMPLOYMENT AND POPULATION—Continued														
HOURS AND EARNINGS—Continued														
Average hourly gross earnings (U.S. Department of Labor)—Continued														
All manufacturing industries—Continued														
Nondurable goods industries—Continued														
Tobacco manufactures.....dollars..	1.50	1.52	1.60	1.65	1.64	1.65	1.69	1.72	1.74	1.73	1.76	1.62	r 1.56	p 1.56
Textile mill products.....do.....	1.51	1.52	1.52	1.52	1.53	1.53	1.57	1.57	1.58	1.58	1.58	1.59	p 1.59	p 1.59
Broadwoven fabric mills.....do.....	1.46	1.46	1.46	1.47	1.47	1.47	1.52	1.53	1.55	1.55	1.55	1.56	1.57	1.57
Knitting mills.....do.....	1.47	1.47	1.48	1.47	1.48	1.48	1.49	1.49	1.49	1.49	1.48	1.49	1.50	1.50
Apparel and other finished textile prod.....do.....	1.53	1.53	1.52	1.52	1.53	1.53	1.53	1.52	1.52	1.50	1.51	1.52	1.53	p 1.53
Paper and allied products.....do.....	2.14	2.14	2.14	2.15	2.16	2.17	2.17	2.18	2.18	2.20	2.21	2.22	r 2.24	p 2.22
Pulp, paper, and paperboard mills.....do.....	2.27	2.27	2.28	2.29	2.29	2.29	2.29	2.30	2.31	2.33	2.36	r 2.36	2.40	2.40
Printing, publishing, and allied industries.....do.....	2.62	2.63	2.62	2.65	2.63	2.65	2.68	2.68	2.68	2.70	2.71	2.71	2.73	p 2.72
Chemicals and allied products.....do.....	2.34	2.34	2.35	2.36	2.36	2.37	2.37	2.36	2.39	2.42	2.44	2.44	r 2.49	p 2.45
Industrial organic chemicals.....do.....	2.50	2.51	2.52	2.52	2.53	2.52	2.53	2.53	2.55	2.57	2.60	r 2.59	2.68	2.68
Products of petroleum and coal.....do.....	2.76	2.74	2.77	2.77	2.78	2.85	2.87	2.89	2.87	2.88	2.89	r 2.86	r 2.91	p 2.88
Petroleum refining.....do.....	2.85	2.83	2.85	2.85	2.86	2.95	2.97	2.99	2.98	2.98	3.00	r 2.97	3.03	3.03
Rubber products.....do.....	2.39	2.39	2.41	2.45	2.44	2.43	2.47	2.43	2.41	2.45	2.52	2.49	r 2.47	p 2.48
Leather and leather products.....do.....	1.58	1.58	1.59	1.59	1.60	1.60	1.60	1.61	1.61	1.61	1.59	1.60	1.61	p 1.61
Nonmanufacturing industries:														
Mining.....do.....	2.56	2.56	2.59	2.60	2.64	2.67	2.66	2.65	2.67	2.68	2.64	r 2.64	2.64	-----
Metal.....do.....	2.54	2.54	2.54	2.55	2.56	2.56	2.58	2.58	2.60	2.61	2.58	r 2.48	2.46	-----
Anthracite.....do.....	2.60	2.61	2.61	2.64	2.66	2.77	2.77	2.75	2.73	2.74	-----	2.75	2.78	-----
Bituminous coal.....do.....	3.01	3.01	3.04	3.04	3.16	3.17	3.19	3.26	3.27	3.26	3.23	r 3.29	3.28	-----
Petroleum and natural-gas production (except contract services).....dollars..	2.69	2.67	2.72	2.68	2.71	2.81	2.80	2.79	2.80	2.80	2.82	2.83	2.84	-----
Nonmetallic mining and quarrying.....do.....	2.10	2.11	2.11	2.13	2.12	2.13	2.14	2.14	2.15	2.17	2.18	r 2.21	2.21	-----
Contract construction.....do.....	3.04	3.04	3.04	3.10	3.11	3.10	3.08	3.07	3.07	3.07	3.10	r 3.13	3.17	-----
Nonbuilding construction.....do.....	2.78	2.78	2.73	2.78	2.75	2.76	2.74	2.75	2.76	2.79	2.81	r 2.82	2.86	-----
Building construction.....do.....	3.13	3.13	3.14	3.19	3.19	3.18	3.17	3.17	3.17	3.17	3.20	r 3.23	3.26	-----
Transportation and public utilities:														
Local railways and bus lines.....do.....	2.14	2.13	2.14	2.16	2.17	2.18	2.18	2.19	2.20	2.20	2.21	2.22	2.23	-----
Telephone.....do.....	2.08	2.09	2.09	2.10	2.11	2.12	2.13	2.15	2.17	2.18	2.19	2.19	2.19	-----
Gas and electric utilities.....do.....	2.49	2.51	2.52	2.52	2.52	2.54	2.55	2.55	2.56	2.57	2.58	2.59	2.61	-----
Wholesale and retail trade:														
Wholesale trade.....do.....	2.20	2.18	2.20	2.19	2.20	2.20	2.22	2.23	2.24	2.25	2.26	r 2.26	2.26	-----
Retail trade (except eating and drinking places).....dollars..	1.71	1.71	1.71	1.68	1.74	1.74	1.74	1.75	1.76	1.77	1.77	1.77	1.78	-----
General merchandise stores.....do.....	1.36	1.36	1.35	1.33	1.39	1.37	1.37	1.38	1.39	1.40	1.39	1.40	1.41	-----
Food and liquor stores.....do.....	1.87	1.89	1.90	1.88	1.88	1.91	1.90	1.90	1.91	1.91	1.93	1.92	1.94	-----
Automotive and accessories dealers.....do.....	1.91	1.90	1.92	1.94	1.97	1.96	1.98	2.01	2.03	2.05	2.05	2.03	2.00	-----
Service and miscellaneous:														
Hotels, year-round.....do.....	1.13	1.13	1.14	1.16	1.15	1.16	1.15	1.16	1.17	1.18	1.18	1.18	1.19	-----
Laundries.....do.....	1.14	1.14	1.14	1.14	1.15	1.15	1.16	1.16	1.17	1.17	1.17	1.17	1.18	-----
Cleaning and dyeing plants.....do.....	1.33	1.34	1.34	1.34	1.35	1.35	1.36	1.36	1.38	1.38	1.37	1.37	1.38	-----
Miscellaneous wage data:														
Construction wages (ENR): \$														
Common labor.....dol. per hr.....	2.472	2.477	2.480	2.482	2.504	2.504	2.503	2.503	2.535	2.549	2.603	2.619	2.624	2.624
Skilled labor.....do.....	3.741	3.753	3.756	3.764	3.781	3.792	3.796	3.796	3.818	3.846	3.885	3.904	3.921	3.931
Equipment operators.....do.....	3.389	3.390	3.393	3.394	3.378	3.417	3.418	3.424	3.444	3.449	3.483	3.450	3.526	3.540
Farm wages, without board or room (quarterly).....dol. per hr.....		.88			1.03			.99			1.00			.89
Railroad wages (average, class I).....do.....	2.453	2.431	2.568	2.529	2.546	2.587	2.531	2.530	2.549	2.537	2.521	2.543		
Road-building wages, common labor (qtrly).....do.....		2.12			1.94			1.99			2.14			
LABOR CONDITIONS														
Labor turnover in manufacturing establishments:														
Accession rate, total.....mo. rate per 100 employees.....	4.0	3.4	2.8	2.4	3.3	3.3	3.6	3.5	3.6	4.4	3.3	r 3.9	p 3.7	-----
New hires.....do.....	1.9	1.7	1.3	1.1	1.5	1.7	1.9	2.0	2.2	3.0	2.2	r 2.5	p 2.5	-----
Separation rate, total.....do.....	3.5	3.2	2.8	2.8	3.1	2.6	2.8	3.0	2.9	2.8	3.3	r 3.7	p 4.2	-----
Quit.....do.....	1.5	1.1	.8	.7	.9	.8	1.0	1.1	1.3	1.3	1.3	r 1.8	p 2.2	-----
Layoff.....do.....	1.6	1.7	1.6	1.8	1.7	1.3	1.3	1.3	1.1	1.0	1.4	r 1.4	p 1.4	-----
Industrial disputes (strikes and lockouts):														
Beginning in month:														
Work stoppages.....number.....	471	391	305	136	225	200	250	350	400	450	425	425	400	-----
Workers involved.....thousands.....	324	463	224	58	75	75	90	175	175	185	650	170	100	-----
In effect during month:														
Work stoppages.....number.....	712	637	497	357	325	300	350	475	550	700	700	700	650	-----
Workers involved.....thousands.....	414	531	296	169	150	140	150	250	300	325	750	750	760	-----
Man-days idle during month.....do.....	2,400	5,420	2,210	2,430	2,000	1,500	1,000	2,500	2,750	2,750	9,000	13,000	14,000	-----
EMPLOYMENT SERVICE AND UNEMPLOY- MENT INSURANCE														
Nonfarm placements.....thousands.....	545	514	413	406	398	378	445	520	555	581	564	570	633	-----
Unemployment insurance programs:														
Insured unemployment, all programs.....do.....	2,067	1,867	1,965	2,316	2,739	2,596	2,282	1,936	1,593	1,414	1,477	1,451	1,369	-----
State programs:†														
Initial claims.....do.....	1,174	1,246	1,246	1,910	1,772	1,263	1,123	1,086	880	973	1,228	1,011	936	-----
Insured unemployment, weekly average.....do.....	1,879	1,696	1,757	2,086	2,489	2,368	2,077	1,768	1,464	1,298	1,333	1,291	1,203	1,309
Percent of covered employment.....do.....	4.7	4.3	4.4	5.3	6.3	6.0	5.3	4.5	3.8	3.4	3.5	3.4	3.1	3.4
Beneficiaries, weekly average.....thousands.....	1,176	1,156	1,148	1,739	2,157	2,157	1,968	1,708	1,390	1,182	1,100	1,102	1,097	-----
Benefits paid.....mil. of dol.....	226.7	206.0	170.6	230.1	274.7	251.0	250.6	213.7	162.0	142.9	142.5	133.4	141.8	-----
Federal employees, insured unemployment														
thousands.....	31	31	33	34	39	39	38	34	30	28	28	28	27	28
Veterans' program (UCX):*														
Initial claims.....thousands.....		17	42	33	32	29	28	26	19	23	27	25	24	-----
Insured unemployment, weekly average.....do.....			32	46	64	71	71	64	52	43	43	44	40	41
Beneficiaries, weekly average.....do.....			14	38	55	66	68	65	53	43	39	42	39	-----
Benefits paid.....mil. of dol.....			1.7	5.1	7.1	7.7	8.7	8.5	6.5	5.6	5.3	5.2	5.2	-----
Railroad program:														
Applications.....thousands.....	20	17	20	22	17	8	6	5	4	8	87	35	-----	-----
Insured unemployment, weekly average.....do.....	118	113	121	125	122	94	76	58	39	35	63	79	-----	-----
Benefits paid.....mil. of dol.....	18.1	19.1	16.0	19.8	20.3	13.8	12.5	9.1	8.6	21.2	18.9	27.3	-----	-----

\* Revised.    † Preliminary.    ‡ Includes operations under Federal employees' program.  
 § Includes data for industries not shown separately.    ¶ Rates as of November 1, 1959: Common labor, \$2.624; skilled labor, \$3.931; equipment operators, \$3.559.  
 † Beginning with the October 1959 SURVEY, data are revised to include operations in Alaska and Hawaii; figures for State programs are also revised to exclude Federal employees' program (shown separately below) except as noted.  
 ‡ Rate of covered employment expresses average insured unemployment in each month as a percentage of average covered employment for the most recent 12-month period for which data available (the lag for covered employment data may range from 6 to 8 months).  
 \* New series. Data relate to persons eligible for compensation under the Ex-Servicemen's Unemployment Compensation Act of 1958 (effective Oct. 27, 1958).

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>FINANCE</b>														
<b>BANKING</b>														
Acceptances and commercial paper outstanding:														
Bankers' acceptances.....mil. of dol.	1,281	1,255	1,209	1,194	1,133	1,161	1,054	1,029	1,038	983	957	946	954	
Commercial paper.....do.	958	961	940	840	875	897	883	822	791	729	759	795	763	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:														
Total.....mil. of dol.	3,784	3,802	3,791	3,812	3,868	3,959	4,073	4,184	4,294	4,400	4,470	4,498	4,511	4,487
Farm mortgage loans: Federal land banks.....do.	2,036	2,052	2,065	2,089	2,109	2,138	2,175	2,206	2,237	2,262	2,282	2,300	2,318	2,333
Loans to cooperatives.....do.	473	507	526	510	519	518	518	515	513	526	542	549	576	616
Other loans and discounts.....do.	1,275	1,243	1,199	1,214	1,240	1,303	1,381	1,463	1,543	1,612	1,646	1,650	1,617	1,538
Bank debits, total (344 centers).....do.	195,205	212,894	183,092	238,975	221,969	195,779	223,383	226,377	216,017	228,615	235,645	208,131	215,938	
New York City.....do.	70,887	79,620	64,804	92,711	86,507	74,346	84,710	88,049	80,725	86,598	89,600	75,233	81,067	
6 other centers.....do.	40,520	43,594	38,224	48,690	44,505	39,635	47,485	46,955	44,646	46,429	48,422	43,265	43,259	
Federal Reserve banks, condition, end of month:														
Assets, total.....do.	51,264	51,538	53,254	53,095	52,223	52,226	51,491	52,346	52,200	51,965	52,724	52,013	52,739	52,942
Reserve bank credit outstanding, total.....do.	26,130	26,675	28,006	27,755	27,197	27,020	26,716	27,176	27,777	27,337	28,569	28,181	27,865	28,469
Discounts and advances.....do.	255	407	717	64	462	632	327	500	984	421	1,229	692	330	877
United States Government securities.....do.	24,986	25,443	26,229	26,347	25,715	25,350	25,497	25,703	25,905	26,044	26,543	26,690	26,563	26,631
Gold certificate reserves.....do.	20,288	20,105	20,019	19,951	19,892	19,893	19,860	19,715	19,605	19,416	19,333	19,227	19,203	19,290
Liabilities, total.....do.	51,264	51,538	53,254	53,095	52,223	52,226	51,491	52,346	52,200	51,965	52,724	52,013	52,739	52,942
Deposits, total.....do.	19,171	19,448	20,074	19,526	19,943	19,677	19,285	19,542	19,687	18,832	20,042	19,364	19,223	19,924
Member-bank reserve balances.....do.	18,147	18,462	18,994	18,504	18,878	18,540	18,192	18,396	18,459	17,640	18,905	18,245	17,760	18,818
Federal Reserve notes in circulation.....do.	26,871	27,003	27,529	27,872	27,163	27,022	26,965	26,983	27,156	27,402	27,499	27,581	27,515	27,562
Ratio of gold certificate reserves to deposit and FR note liabilities combined.....percent.	44.1	43.3	42.1	42.1	42.2	42.6	42.9	42.4	41.9	42.0	40.7	41.0	41.1	40.6
All member banks of Federal Reserve System, averages of daily figures:*														
Excess reserves.....mil. of dol.	571	521	506	516	497	460	461	417	448	408	400	472	410	
Borrowings from Fed. Reserve banks.....do.	476	425	486	557	557	508	601	676	767	921	957	1,007	903	
Free reserves.....do.	95	96	20	-41	-59	-47	-140	-258	-318	-513	-557	-535	-493	
Weekly reporting member banks of Fed. Reserve System, condition, Wednesday nearest end of month:†														
Deposits:														
Demand, adjusted.....mil. of dol.	60,118	61,541	61,520	63,507	62,791	61,268	60,057	62,016	60,240	60,835	62,214	60,206	60,170	61,239
Demand, except interbank:														
Individuals, partnerships, and corporations.....mil. of dol.	62,996	64,045	64,239	68,599	65,168	64,296	63,125	64,249	62,781	64,473	64,539	63,004	64,174	64,740
States and political subdivisions.....do.	4,577	4,396	4,595	4,841	4,719	4,583	4,833	5,124	4,761	4,864	4,699	4,696	4,631	4,346
United States Government.....do.	2,620	2,077	2,893	2,952	2,904	2,861	5,099	2,934	2,806	3,056	3,310	3,672	4,279	3,477
Time, except interbank, total.....do.	30,164	30,230	29,878	30,375	30,071	30,128	30,337	30,388	30,644	30,967	30,754	30,702	30,735	30,532
Individuals, partnerships, and corporations.....mil. of dol.	28,067	28,192	27,964	28,390	28,101	28,150	28,371	28,411	28,628	29,022	28,924	28,960	29,058	28,963
States and political subdivisions.....do.	1,928	1,866	1,742	1,800	1,786	1,800	1,798	1,798	1,840	1,767	1,652	1,569	1,508	1,425
Interbank (demand and time).....do.	15,242	14,733	14,802	16,429	14,039	13,742	14,991	13,790	14,058	14,189	13,199	13,964	14,015	13,330
Investments, total.....do.	44,467	44,718	44,906	44,821	44,714	43,443	43,474	42,322	41,333	40,125	40,367	39,129	38,225	38,144
U.S. Government obligations, direct and guaranteed, total.....mil. of dol.	34,103	34,351	34,891	34,627	34,701	33,412	33,123	31,877	31,095	29,980	30,242	29,054	28,118	28,194
Bills.....do.	1,477	1,882	2,546	2,400	2,193	2,351	2,676	2,160	2,360	1,747	2,753	2,297	1,990	2,096
Certificates.....do.	4,345	4,191	4,363	4,325	3,817	3,808	2,854	2,673	2,372	2,157	1,850	1,093	1,033	1,116
Notes and bonds.....do.	28,281	28,278	27,982	27,902	28,691	27,253	27,593	27,044	26,363	26,076	25,639	25,664	25,095	24,982
Other securities.....do.	10,364	10,367	10,015	10,194	10,013	10,031	10,351	10,445	10,238	10,145	10,125	10,075	10,107	9,950
Loans (adjusted), total.....do.										63,351	63,829	64,616	65,346	65,244
Commercial and industrial.....do.										28,482	28,585	28,990	29,479	29,516
To brokers and dealers in securities.....do.	1,830	1,660	1,876	2,569	2,146	1,939	2,309	2,226	2,149	2,187	2,106	2,025	2,061	2,115
Other loans for purchasing or carrying securities.....mil. of dol.	1,271	1,280	1,273	1,315	1,362	1,381	1,430	1,418	1,742	1,410	1,438	1,438	1,355	1,349
To nonbank financial institutions.....do.										5,294	5,439	5,577	5,559	5,271
Real estate loans.....do.	10,982	11,189	11,374	11,487	11,505	11,599	11,694	11,820	11,669	12,198	12,277	12,342	12,453	12,527
Other loans.....do.										16,638	16,644	16,710	16,536	16,769
Money and interest rates:§														
Bank rates on business loans:														
In 19 cities.....percent.	4.21			4.50			4.51			4.87			5.27	
New York City.....do.	4.00			4.29			4.29			4.71			5.15	
7 other northern and eastern cities.....do.	4.21			4.50			4.49			4.90			5.27	
11 southern and western cities.....do.	4.54			4.79			4.84			5.07			5.44	
Discount rate, end of mo. (N.Y.F.R. Bank).....do.	2.00	2.00	2.50	2.50	2.50	2.50	3.00	3.00	3.50	3.50	3.50	3.50	4.00	4.00
Federal intermediate credit bank loans.....do.	3.02	3.06	3.23	3.64	3.78	3.87	3.98	4.07	4.25	4.53	4.82	5.06	5.07	
Federal land bank loans.....do.	5.08	5.13	5.13	5.13	5.17	5.17	5.21	5.33	5.48	5.48	5.52	5.60	5.71	
Open market rates, New York City:														
Bankers' acceptances (prime, 90 days).....do.	2.39	2.75	2.75	2.75	2.75	2.75	2.88	2.98	3.17	3.31	3.45	3.56	4.07	4.27
Commercial paper (prime, 4-6 months).....do.	2.93	3.23	3.08	3.33	3.30	3.26	3.35	3.42	3.56	3.83	3.98	3.97	4.63	4.75
Stock Exchange call loans, going rate.....do.	3.65	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.96	4.19	4.25	4.25	4.75	4.75
Yield on U. S. Government securities:														
3-month bills.....do.	2.484	2.793	2.756	2.814	2.837	2.712	2.852	2.960	2.851	3.247	3.243	3.358	3.998	4.11
3-5 year taxable issues.....do.	3.57	3.63	3.60	3.65	3.86	3.85	3.88	4.03	4.16	4.33	4.40	4.45	4.78	4.68
Savings deposits, balance to credit of depositors:														
New York State savings banks.....mil. of dol.	19,641	19,667	19,778	20,044	20,067	20,119	20,334	20,277	20,335	20,483	20,374	20,406	20,551	20,366
U.S. postal savings.....do.	1,169	1,158	1,146	1,134	1,121	1,107	1,094	1,082	1,070	1,042	1,023	1,007	992	975
* Revised. † Preliminary. § Includes Boston, Philadelphia, Chicago, Detroit, San Francisco, and Los Angeles. ¶ Includes data not shown separately.														
* New series (from Board of Governors of Federal Reserve System). Free reserves are excess reserves less borrowings; negative figures indicate net borrowed reserves.														
† Revised series, reflecting change in coverage and format; leaders indicate comparable data not available. Figures through 1958 on old basis appear in the 1959 edition of BUSINESS STATISTICS.														
‡ Statistics: January-June 1959 figures, in September 1959 SURVEY.														
§ For demand deposits, the term "adjusted" denotes exclusion of interbank and U.S. Government deposits and of cash items reported as in process of collection; for loans, exclusion of loans to banks (domestic commercial banks only, beginning July 1959) and deduction of valuation reserves (individual loan items are gross, i.e., before deduction of valuation reserves).														
¶ For bond yields, see p. S-20.														
* Data are as of end of consecutive 4-week periods ending in month indicated, except June figure which is as of June 30 (end of fiscal year).														



Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

	1958				1959									
	Septem-ber	October	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	June	July	August	Septem-ber	October
<b>FINANCE—Continued</b>														
<b>CONSUMER CREDIT</b> (Short- and Intermediate-term)														
Total outstanding, end of month.....mil. of dol.....	43,144	43,164	43,464	45,065	44,415	44,071	44,203	44,916	45,790	46,716	47,256	47,910	48,394	-----
Installment credit, total.....do.....	33,079	33,052	33,126	33,865	33,768	33,751	33,943	34,453	35,029	35,810	36,449	37,049	37,495	-----
Automobile paper.....do.....	14,332	14,164	14,066	14,131	14,155	14,223	14,375	14,686	14,991	15,419	15,780	16,082	16,259	-----
Other consumer goods paper.....do.....	8,312	8,411	8,528	9,007	8,881	8,767	8,721	8,777	8,911	9,077	9,183	9,314	9,419	-----
Repair and modernization loans.....do.....	2,107	2,128	2,146	2,145	2,125	2,116	2,127	2,149	2,198	2,240	2,282	2,323	2,363	-----
Personal loans.....do.....	8,328	8,349	8,386	8,582	8,607	8,645	8,720	8,841	8,929	9,074	9,204	9,330	9,454	-----
By type of holder:														
Financial institutions, total.....do.....	28,758	28,666	28,648	28,943	29,016	29,070	29,324	29,825	30,333	31,032	31,656	32,194	32,602	-----
Commercial banks.....do.....	12,607	12,612	12,617	12,730	12,856	12,884	13,028	13,312	13,568	13,882	14,158	14,388	14,552	-----
Sales finance companies.....do.....	8,891	8,777	8,708	8,740	8,733	8,724	8,780	8,921	9,089	9,350	9,592	9,785	9,925	-----
Credit unions.....do.....	2,591	2,613	2,628	2,664	2,639	2,661	2,700	2,754	2,802	2,881	2,935	2,990	3,042	-----
Consumer finance companies.....do.....	3,280	3,274	3,281	3,381	3,374	3,372	3,371	3,379	3,385	3,416	3,454	3,488	3,514	-----
Other.....do.....	1,389	1,390	1,414	1,428	1,414	1,429	1,445	1,459	1,489	1,503	1,517	1,543	1,569	-----
Retail outlets, total.....do.....	4,321	4,386	4,478	4,922	4,752	4,681	4,619	4,628	4,696	4,778	4,793	4,855	4,893	-----
Department stores.....do.....	1,393	1,426	1,474	1,702	1,615	1,611	1,581	1,582	1,606	1,639	1,626	1,662	1,701	-----
Furniture stores.....do.....	1,110	1,126	1,149	1,220	1,183	1,166	1,129	1,127	1,128	1,136	1,140	1,156	1,161	-----
Automobile dealers.....do.....	433	427	424	425	425	427	430	439	448	461	473	483	489	-----
Other.....do.....	1,385	1,407	1,431	1,575	1,529	1,477	1,479	1,480	1,514	1,542	1,554	1,554	1,542	-----
Noninstallment credit, total.....do.....	10,065	10,112	10,338	11,200	10,647	10,320	10,260	10,463	10,761	10,906	10,807	10,861	10,899	-----
Single-payment loans.....do.....	3,495	3,414	3,499	3,543	3,464	3,563	3,618	3,674	3,779	3,842	3,807	3,878	3,925	-----
Charge accounts.....do.....	4,033	4,191	4,297	5,018	4,504	4,004	3,883	3,997	4,220	4,318	4,272	4,243	4,251	-----
Service credit.....do.....	2,537	2,507	2,542	2,639	2,679	2,753	2,759	2,792	2,762	2,746	2,728	2,740	2,724	-----
By type of holder:														
Financial institutions.....do.....	3,495	3,414	3,499	3,543	3,464	3,563	3,618	3,674	3,779	3,842	3,807	3,878	3,925	-----
Retail outlets.....do.....	4,033	4,191	4,297	5,018	4,504	4,004	3,883	3,997	4,220	4,318	4,272	4,243	4,251	-----
Service credit.....do.....	2,537	2,507	2,542	2,639	2,679	2,753	2,759	2,792	2,762	2,746	2,728	2,740	2,724	-----
Installment credit extended and repaid:														
Unadjusted:														
Extended, total.....do.....	3,297	3,475	3,338	4,350	3,321	3,247	3,786	4,022	4,053	4,432	4,292	4,139	4,103	-----
Automobile paper.....do.....	1,105	1,173	1,091	1,360	1,248	1,258	1,476	1,580	1,568	1,705	1,707	1,692	1,495	-----
Other consumer goods paper.....do.....	993	1,075	1,054	1,435	886	839	982	1,074	1,124	1,179	1,113	1,116	1,118	-----
All other.....do.....	1,199	1,227	1,193	1,555	1,187	1,160	1,328	1,368	1,361	1,488	1,472	1,421	1,490	-----
Repaid, total.....do.....	3,383	3,502	3,264	3,611	3,418	3,264	3,594	3,512	3,477	3,651	3,653	3,539	3,567	-----
Automobile paper.....do.....	1,287	1,341	1,189	1,295	1,224	1,190	1,324	1,269	1,263	1,337	1,346	1,300	1,318	-----
Other consumer goods paper.....do.....	935	976	937	956	1,012	953	1,028	1,018	990	1,013	1,007	985	1,013	-----
All other.....do.....	1,161	1,185	1,138	1,360	1,182	1,121	1,242	1,225	1,224	1,301	1,300	1,254	1,236	-----
Adjusted:														
Extended, total.....do.....	3,326	3,451	3,594	3,720	3,799	3,816	3,749	3,939	4,045	3,983	4,102	4,103	4,105	-----
Automobile paper.....do.....	1,082	1,199	1,276	1,420	1,437	1,454	1,414	1,502	1,497	1,487	1,544	1,514	1,497	-----
Other consumer goods paper.....do.....	1,005	1,005	1,041	1,002	1,047	1,057	1,058	1,126	1,154	1,121	1,129	1,150	1,131	-----
All other.....do.....	1,239	1,247	1,277	1,298	1,315	1,305	1,277	1,311	1,394	1,375	1,429	1,439	1,477	-----
Repaid, total.....do.....	3,376	3,418	3,447	3,414	3,412	3,483	3,431	3,516	3,602	3,531	3,602	3,601	3,620	-----
Automobile paper.....do.....	1,246	1,281	1,243	1,262	1,252	1,281	1,265	1,282	1,320	1,284	1,317	1,306	1,302	-----
Other consumer goods paper.....do.....	949	964	1,001	953	950	981	983	1,006	1,003	1,000	1,009	1,010	1,037	-----
All other.....do.....	1,181	1,173	1,203	1,199	1,204	1,221	1,183	1,228	1,279	1,247	1,276	1,285	1,281	-----
<b>FEDERAL GOVERNMENT FINANCE</b>														
Budget receipts and expenditures:														
Receipts, total.....mil. of dol.....	8,119	3,446	5,979	6,848	4,956	8,152	10,722	6,375	8,155	11,137	3,936	7,418	9,552	-----
Receipts, net.....do.....	7,208	2,709	4,962	6,180	4,528	6,576	8,426	4,258	5,425	10,042	3,246	5,679	8,486	-----
Customs.....do.....	75	82	72	78	76	70	89	85	89	94	94	87	99	-----
Individual income taxes.....do.....	3,909	1,387	3,735	2,512	2,944	5,202	2,938	4,002	4,813	4,236	1,603	4,346	4,100	-----
Corporation income taxes.....do.....	2,267	374	319	2,419	424	362	5,459	477	410	4,786	568	368	3,311	-----
Employment taxes.....do.....	549	386	816	441	321	1,281	857	558	1,488	697	332	1,321	704	-----
Other internal revenue and receipts.....do.....	1,320	1,217	1,038	1,397	1,192	1,237	1,378	1,255	1,355	1,323	1,339	1,296	1,338	-----
Expenditures, total.....do.....	6,633	7,144	6,237	7,080	6,776	6,331	6,461	6,427	6,164	8,632	6,557	6,305	6,357	-----
Interest on public debt.....do.....	578	600	607	647	675	630	649	652	650	704	728	724	718	-----
Veterans' services and benefits.....do.....	410	454	441	440	445	440	441	361	433	431	406	400	-----	-----
Major national security.....do.....	3,893	4,225	3,589	4,212	3,093	3,595	3,864	3,898	3,642	4,474	3,772	3,710	-----	-----
All other expenditures.....do.....	1,783	1,865	1,599	1,781	1,963	1,795	1,507	1,516	1,439	3,023	1,651	1,471	-----	-----
Public debt and guaranteed obligations:														
Gross debt (direct), end of month, total.....do.....	276,666	280,211	283,060	282,922	285,801	285,104	282,034	285,353	286,303	284,706	288,682	290,396	288,296	291,253
Interest bearing, total.....do.....	275,004	278,561	281,425	280,839	283,808	283,343	280,089	283,497	284,473	281,833	285,840	287,599	285,486	288,478
Public issues.....do.....	229,008	233,194	236,313	235,999	239,901	239,373	236,149	240,220	240,271	237,078	241,779	242,876	241,086	244,882
Special issues.....do.....	45,996	45,867	45,112	44,840	43,907	43,870	43,940	43,278	44,203	44,756	44,061	44,723	44,400	43,596
Noninterest bearing.....do.....	1,661	1,650	1,635	2,084	1,993	1,861	1,945	1,856	1,830	2,873	2,842	2,797	2,810	2,775
Obligations guaranteed by U.S. Government, end of month.....mil. of dol.....	118	112	107	109	106	112	119	107	108	111	110	111	116	118
U.S. Savings bonds:														
Amount outstanding, end of month.....do.....	52,118	52,031	51,971	51,878	51,624	51,520	51,379	51,190	51,027	50,834	50,536	50,287	50,012	49,715
Sales, series E and H§.....do.....	352	378	324	370	486	383	414	350	338	323	350	309	300	358
Redemptions.....do.....	523	551	481	586	867	584	653	624	586	634	775	647	608	742
<b>LIFE INSURANCE</b>														
Institute of Life Insurance:														
Assets, total, all U.S. life insurance companies.....mil. of dol.....	105,493	106,053	106,540	107,419	108,145	108,583	108,945	109,430	109,928	110,424	111,152	111,646	-----	-----
Bonds (book value), domestic and foreign, total.....mil. of dol.....	53,638	53,988	54,172	54,302	54,857	55,038	55,151	55,472	55,730	55,993	56,284	56,477	-----	-----
U.S. Government.....do.....	7,307	7,319	7,344	7,205	7,485	7,414	7,229	7,251	7,235	7,246	7,259	7,354	-----	-----
State, county, municipal (U.S.).....do.....	2,616	2,641	2,672	2,685	2,744	2,774	2,840	2,889	2,908	2,991	3,085	3,115	-----	-----
Public utility (U.S.).....do.....	15,085	15,170	15,183	15,247	15,306	15,332	15,403	15,439	15,484	15,515	15,527	15,536	-----	-----
Railroad (U.S.).....do.....	3,835	3,829	3,828	3,830	3,817	3,812	3,809	3,798	3,796	3,796	3,792	3,794	-----	-----
Industrial and miscellaneous (U.S.).....do.....	21,700	21,931	22,043	22,214	22,348	22,531	22,680	22,880	23,009	23,194	23,342	23,395	-----	-----

† Revised. § Preliminary.

§ Data for various months through September 1959 include minor amounts due to late reporting or adjustments on discontinued series (F, G, J, K).



Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
September	October	November	December	January	February	March	April	May	June	July	August	September	October

## FINANCE—Continued

LIFE INSURANCE—Continued													
Institute of Life Insurance—Continued													
Assets, all U.S. life insurance companies—Con.													
Stocks (book value), domestic and foreign, total mil. of dol.	3,191	3,187	3,198	3,359	3,365	3,387	3,421	3,439	3,459	3,486	3,547	3,557	-----
Preferred (U.S.).....do	1,657	1,654	1,651	1,646	1,640	1,639	1,643	1,647	1,654	1,663	1,659	1,670	-----
Common (U.S.).....do	1,508	1,504	1,516	1,678	1,689	1,709	1,739	1,752	1,764	1,783	1,845	1,845	-----
Mortgage loans, total.....do	36,462	36,648	36,794	37,097	37,211	37,350	37,486	37,602	37,737	37,894	38,108	38,282	-----
Nonfarm.....do	33,776	33,955	34,093	34,388	34,510	34,635	34,753	34,851	34,958	35,094	35,335	35,496	-----
Real estate.....do	3,368	3,395	3,415	3,376	3,393	3,414	3,450	3,469	3,493	3,522	3,583	3,603	-----
Policy loans and premium notes.....do	4,138	4,162	4,183	4,204	4,225	4,253	4,284	4,317	4,346	4,380	4,389	4,423	-----
Cash.....do	1,209	1,190	1,242	1,365	1,282	1,225	1,211	1,187	1,197	1,200	1,185	1,204	-----
Other assets.....do	3,487	3,483	3,536	3,716	3,812	3,916	3,942	3,944	3,966	3,949	4,056	4,100	-----
Life Insurance Management Association:													
Insurance written (new paid-for insurance):†													
Value, estimated total.....mil. of dol.	5,153	5,614	5,326	7,169	4,791	5,154	5,896	5,718	5,593	6,097	5,492	5,475	5,353
Group and wholesale.....do	667	765	733	2,185	780	904	793	835	754	1,091	703	986	863
Industrial.....do	597	621	631	535	490	567	636	575	633	598	541	558	-----
Ordinary total.....do	3,889	4,228	3,962	4,449	3,521	3,683	4,467	4,308	4,206	4,408	4,248	3,948	3,867
New England.....do	241	273	269	270	230	232	278	261	255	266	269	249	235
Middle Atlantic.....do	837	958	951	994	833	835	1,004	951	921	960	903	841	795
East North Central.....do	788	860	793	865	698	716	879	869	836	861	852	778	769
West North Central.....do	324	340	303	368	289	307	363	351	345	361	364	333	325
South Atlantic.....do	489	517	495	532	412	459	563	536	526	546	530	510	500
East South Central.....do	192	197	178	200	155	170	211	200	202	214	190	186	195
West South Central.....do	394	402	357	443	355	373	449	426	427	449	422	386	389
Mountain.....do	162	177	161	213	140	159	183	189	189	201	189	173	173
Pacific (incl. Alaska).....do	462	504	454	564	407	433	538	525	505	550	529	492	486
Institute of Life Insurance:													
Payments to policyholders and beneficiaries, estimated total.....mil. of dol.													
Death benefits.....do	253.1	244.4	214.8	264.5	267.8	246.9	278.0	261.4	241.3	265.7	247.1	245.2	-----
Matured endowments.....do	57.4	60.4	65.4	88.8	65.9	54.9	58.4	54.2	48.7	51.9	47.4	44.2	-----
Disability payments.....do	10.1	9.9	9.0	9.7	11.4	9.8	10.0	10.0	10.1	10.0	9.9	9.3	-----
Annuity payments.....do	47.9	53.9	46.7	47.5	67.5	54.7	52.9	54.2	52.9	55.8	54.6	52.3	-----
Surrender values.....do	119.0	120.2	103.7	135.8	118.7	117.5	137.5	131.9	119.2	128.6	124.7	112.5	-----
Policy dividends.....do	110.3	105.2	97.0	199.9	134.1	111.5	137.2	113.5	109.8	123.9	103.2	104.3	-----
Life Insurance Association of America:													
Premium income (39 cos.), quarterly total.....do	2,604.2	-----	-----	2,818.4	-----	-----	2,786.8	-----	-----	2,684.2	-----	-----	-----
Accident and health.....do	451.7	-----	-----	466.6	-----	-----	465.7	-----	-----	491.5	-----	-----	-----
Annuities.....do	284.1	-----	-----	338.4	-----	-----	337.5	-----	-----	251.2	-----	-----	-----
Group.....do	313.7	-----	-----	289.4	-----	-----	314.4	-----	-----	318.1	-----	-----	-----
Industrial.....do	192.6	-----	-----	244.5	-----	-----	227.3	-----	-----	188.3	-----	-----	-----
Ordinary.....do	1,362.1	-----	-----	1,479.4	-----	-----	1,442.0	-----	-----	1,435.1	-----	-----	-----
MONETARY STATISTICS													
Gold and silver:													
Gold:													
Monetary stock, U.S. (end of mo.).....mil. of dol.	20,874	20,690	20,609	20,534	20,476	20,479	20,442	20,305	20,188	19,705	19,626	19,524	19,491
Net release from earmark§.....do	-220.2	-189.0	-96.9	-79.3	-65.6	-13.0	-48.0	-127.5	-136.5	-491.7	-98.1	-176.3	-35.2
Exports.....thous. of dol.	8,706	68	42	56	0	198	203	69	230	76	244	142	115
Imports.....do	79,914	5,425	11,751	12,278	10,272	10,048	18,499	3,280	9,805	15,477	25,726	75,943	54,687
Production, reported monthly total ♀.....do	85,000	87,200	83,600	83,600	83,100	80,100	-----	-----	-----	-----	-----	-----	-----
Africa.....do	58,300	58,900	58,500	57,700	59,500	57,800	61,200	62,900	64,200	64,900	67,000	-----	-----
Canada.....do	13,100	14,000	12,900	13,200	13,200	12,500	13,200	13,200	13,300	12,500	13,200	-----	-----
United States.....do	6,200	6,700	5,500	5,900	4,200	4,100	3,800	3,800	4,100	4,600	5,300	4,200	-----
Silver:													
Exports.....do	744	204	113	90	134	99	103	103	1,246	270	2,981	119	1,756
Imports.....do	5,980	10,197	5,160	9,219	5,356	6,172	5,220	3,772	5,241	5,894	4,826	7,892	5,362
Price at New York.....dol. per fine oz.	.887	.900	.901	.899	.902	.904	.914	.914	.914	.914	.914	.914	.914
Production:													
Canada.....thous. of fine oz.	2,856	2,390	2,644	2,918	3,094	2,265	2,782	2,692	2,499	2,677	2,868	2,518	-----
Mexico.....do	4,431	3,880	3,551	3,836	3,680	3,315	3,600	3,691	3,256	3,338	3,994	-----	-----
United States.....do	2,614	3,831	2,505	3,426	2,330	2,827	2,823	2,946	2,641	3,219	2,609	1,472	390
Money supply (end of month, or last Wed.):													
Currency in circulation.....bil. of dol.	31.2	31.4	32.0	32.2	31.1	31.1	31.3	31.3	31.6	31.9	31.9	32.0	31.8
Deposits and currency, total.....do	242.6	245.1	248.2	252.0	249.6	247.1	246.7	249.8	249.4	249.4	251.4	251.1	252.1
Foreign banks deposits, net.....do	3.8	3.8	3.7	3.9	3.8	3.7	3.9	3.7	3.7	3.6	3.4	3.3	3.3
U.S. Government balances.....do	5.7	4.9	7.1	5.6	6.0	5.7	5.1	5.8	6.4	5.6	6.0	6.9	7.5
Deposits (adjusted) and currency, total¶.....do	233.1	236.4	237.5	242.6	239.8	237.7	237.6	240.3	239.3	240.1	242.0	240.8	241.3
Demand deposits, adjusted¶.....do	108.1	111.0	111.9	115.5	113.8	111.3	110.3	112.5	110.7	110.7	112.7	111.1	111.3
Time deposits, adjusted¶.....do	97.2	97.5	96.8	98.3	98.4	98.7	99.5	99.9	100.4	101.0	100.9	101.2	101.6
Currency outside banks.....do	27.9	28.0	28.8	28.7	27.6	27.7	27.9	27.9	28.1	28.3	28.4	28.5	28.5
Turnover of demand deposits except interbank and U.S. Government, annual rate:													
New York City.....ratio of debits to deposits.....do	49.4	50.1	47.4	58.2	54.0	54.1	54.5	56.2	54.9	56.8	58.4	50.0	56.2
6 other centers§.....do	30.3	29.8	30.0	33.2	30.3	31.0	34.2	33.9	32.9	32.7	33.6	30.5	32.2
337 other reporting centers.....do	23.6	23.1	23.8	24.9	23.2	24.1	24.0	23.9	24.8	25.0	25.4	23.5	25.1
PROFITS AND DIVIDENDS (QUARTERLY)													
Manufacturing corporations (Fed. Trade and SEC):○													
Net profit after taxes, all industries.....mil. of dol.	3,320	-----	-----	4,036	-----	-----	3,821	-----	-----	4,858	-----	-----	-----
Food and kindred products.....do	323	-----	-----	320	-----	-----	258	-----	-----	317	-----	-----	-----
Textile mill products.....do	69	-----	-----	78	-----	-----	80	-----	-----	110	-----	-----	-----
Lumber and wood products (except furniture).....do	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Paper and allied products.....mil. of dol.	74	-----	-----	57	-----	-----	43	-----	-----	81	-----	-----	-----
-----do	126	-----	-----	148	-----	-----	136	-----	-----	166	-----	-----	-----

† Revised. ‡ Preliminary. § Revision for August 1958 (mil. dol.): 33,681.

¶ Revisions for January-July 1958 will be shown later. § Or increase in earmarked gold (—).

¶ Includes data for the following countries not shown separately: Mexico; Brazil; Colombia; Chile (through December 1958 only); Nicaragua; Australia; and India.

¶ The term "adjusted" denotes exclusion of interbank and U.S. Government deposits; for demand deposits, also exclusion of cash items reported as in process of collection.

○ Includes Boston, Philadelphia, Chicago, Detroit, San Francisco, and Los Angeles.

○ Effective with the July 1959 Survey, estimates are based on the latest revised (1957) Standard Industrial Classification Manual and, for most industries, are not comparable with previously published data. Comparable data for 1st quarter of 1958 are available upon request.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>FINANCE—Continued</b>														
<b>PROFITS AND DIVIDENDS—Continued</b>														
<b>Manufacturing corporations—Continued</b>														
Net profit after taxes—Continued														
Chemicals and allied products..... mil. of dol.	430			476			494			607				
Petroleum refining..... do.	648			783			658			621				
Stone, clay, and glass products..... do.	188			147			104			231				
Primary nonferrous metal..... do.	87			124			135			174				
Primary iron and steel..... do.	200			324			374			552				
Fabricated metal products (except ordnance, machinery, and transport. equip.)..... mil. of dol.	148			133			100			164				
Machinery (except electrical)..... do.	223			219			223			400				
Electrical machinery equip. and supplies..... do.	218			301			246			296				
Transportation equipment (except motor vehicles, etc.)..... mil. of dol.	90			95			71			88				
Motor vehicles and parts..... do.	39			441			523			592				
All other manufacturing industries..... do.	456			390			374			459				
Dividends paid (cash), all industries..... do.	1,710			2,050			1,839			1,856				
Electric utilities, net profit after taxes (Fed. Res.)..... mil. of dol.	357			390			469			385				
Transportation and communications (see pp. S-23 and S-24).														
<b>SECURITIES ISSUED</b>														
<b>Securities and Exchange Commission:</b>														
Estimated gross proceeds, total..... mil. of dol.	2,160	3,076	1,452	1,899	5,780	2,132	1,921	4,511	1,787	2,275	1,452	1,688	1,702	
By type of security:														
Bonds and notes, total..... do.	2,082	2,837	1,330	1,644	5,618	1,843	1,723	4,202	1,582	1,978	1,334	1,558	1,558	
Corporate..... do.	1,059	651	420	746	724	481	457	619	624	614	433	592	592	
Common stock..... do.	55	170	110	204	126	234	151	217	167	254	93	117	120	
Preferred stock..... do.	23	69	12	51	36	55	47	92	38	43	26	13	24	
By type of issuer:														
Corporate, total..... do.	1,137	890	542	1,000	885	770	656	928	829	910	552	753	736	
Manufacturing..... do.	483	277	131	241	169	132	100	290	266	236	155	146	216	
Extractive (mining)..... do.	13	17	41	14	19	4	10	9	25	15	9	14	23	
Public utility..... do.	183	316	130	281	302	191	336	320	348	317	173	194	111	
Railroad..... do.	4	11	14	11	21	24	7	17	20	20	9	19	5	
Communication..... do.	10	48	90	104	35	63	10	16	6	22	8	36	57	
Financial and real estate..... do.	34	120	89	162	226	116	107	143	108	100	118	228	161	
Noncorporate, total..... do.	1,023	2,186	910	899	4,894	1,362	1,266	3,583	958	1,364	900	935	966	
U.S. Government..... do.	352	1,461	324	370	3,971	420	443	2,583	338	323	350	309	300	
State and municipal..... do.	647	439	459	448	639	881	637	940	569	995	457	523	473	
New corporate security issues:														
Estimated net proceeds, total..... do.	1,121	873	533	983	869	754	640	908	809	890	538	737	721	
Proposed uses of proceeds:														
New money, total..... do.	1,017	744	460	820	794	600	539	832	764	814	480	677	665	
Plant and equipment..... do.	606	504	347	542	490	461	405	612	556	557	305	367	408	
Working capital..... do.	411	241	114	278	304	139	135	220	208	257	175	310	257	
Retirement of securities..... do.	7	11	15	63	29	9	9	9	17	15	7	19	12	
Other purposes..... do.	97	118	58	100	46	145	92	66	27	60	51	42	44	
State and municipal issues (Bond Buyer):														
Long-term..... do.	647	439	459	448	639	881	637	940	569	995	457	523	473	
Short-term..... do.	369	231	415	243	190	428	295	563	411	245	246	467	325	
<b>SECURITY MARKETS</b>														
<b>Brokers' Balances (N.Y.S.E. Members Carrying Margin Accounts)</b>														
Cash on hand and in banks..... mil. of dol.	345	346	346	357	374	374	379	359	364	363	383	374	377	
Customers' debit balances (net)..... do.	3,231	3,311	3,369	3,431	3,452	3,410	3,458	3,567	3,549	3,546	3,528	3,421	3,406	
Customers' free credit balances..... do.	1,119	1,140	1,148	1,159	1,226	1,196	1,257	1,205	1,188	1,094	1,079	1,035	1,039	
Money borrowed..... do.	2,075	2,025	2,133	2,306	2,221	2,186	2,195	2,408	2,411	2,483	2,433	2,416	2,380	
<b>Bonds</b>														
<b>Prices:</b>														
Average price of all listed bonds (N.Y.S.E.), total..... dollars.	91.74	91.77	92.47	91.28	90.99	91.60	91.03	90.02	89.60	89.17	89.32	88.22	87.71	
Domestic..... do.	91.90	91.92	92.63	91.41	91.12	91.72	91.16	90.14	89.64	89.19	89.36	88.22	87.79	
Foreign..... do.	80.72	80.92	80.95	80.88	81.67	82.14	82.27	82.63	87.42	87.88	87.08	87.24	81.80	
<b>Standard and Poor's Corporation:</b>														
Industrial, utility, and railroad (A1+ issues):														
Composite (21 bonds)..... dol. per \$100 bond.	98.9	98.6	98.8	98.7	98.1	98.0	98.2	97.0	95.0	94.0	93.8	94.3	93.0	
Domestic municipal (15 bonds)..... do.	100.6	100.9	102.3	102.3	101.8	102.2	103.4	102.2	100.4	99.4	99.4	100.6	98.3	
U.S. Treasury bonds, taxable..... do.	89.51	89.36	90.13	88.90	87.54	87.38	87.37	86.21	85.31	85.16	85.00	85.11	83.15	84.95
<b>Sales:</b>														
Total, excluding U.S. Government bonds:														
All registered exchanges:														
Market value..... thous. of dol.	122,594	161,393	157,707	165,314	173,645	144,550	199,318	168,307	157,377	149,949	147,625	135,448	156,380	
Face value..... do.	126,495	156,838	146,107	158,556	173,744	139,007	175,922	152,583	138,914	140,655	140,515	131,301	153,368	
New York Stock Exchange:														
Market value..... do.	120,972	158,973	155,965	163,671	170,334	142,666	196,941	165,266	155,137	147,850	146,184	133,845	154,805	
Face value..... do.	124,673	154,274	145,264	156,751	164,981	137,114	173,466	149,690	136,747	138,682	138,794	129,438	151,824	
New York Stock Exchange, exclusive of stopped sales, face value, total..... thous. of dol.	119,875	137,703	130,267	135,872	148,943	121,667	150,585	137,284	119,101	121,943	121,325	110,616	145,137	
U.S. Government..... do.	0	0	5	0	1	0	0	0	0	0	0	0	0	
Other than U.S. Government, total..... do.	119,875	137,703	130,262	135,872	148,942	121,667	150,585	137,284	119,101	121,943	121,325	110,616	145,137	
Domestic..... do.	114,465	131,844	124,296	129,349	142,361	114,413	143,741	131,689	114,538	115,870	115,512	105,166	140,018	
Foreign..... do.	5,408	5,859	5,966	6,523	6,577	7,254	6,844	5,695	4,553	6,072	5,813	5,449	5,119	
<b>Value, issues listed on N.Y.S.E.:</b>														
Market value, total, all issues..... mil. of dol.	107,711	108,045	109,238	105,866	106,401	107,215	106,638	106,604	106,396	105,872	106,135	103,924	103,473	
Domestic..... do.	105,251	105,549	106,718	103,266	103,768	104,573	103,964	103,843	102,770	102,219	102,511	101,253	100,826	
Foreign..... do.	1,448	1,461	1,481	1,475	1,615	1,525	1,564	1,574	2,539	2,569	2,538	1,555	1,573	
Face value, total, all issues..... do.	117,407	117,734	118,133	115,981	116,934	117,052	117,142	117,751	118,746	118,725	118,822	117,895	117,967	
Domestic..... do.	114,527	114,831	115,204	112,965	113,883	114,009	114,053	114,632	114,647	114,607	114,711	114,776	114,846	
Foreign..... do.	1,794	1,805	1,829	1,823	1,855	1,856	1,901	1,905	2,905	2,923	2,914	1,922	1,923	

\* Revised.    \* Preliminary.

© See corresponding note on p. S-18.    \* Includes data not shown separately.

\$ Data include bonds of the International Bank for Reconstruction and Development not shown separately; these bonds are included in computing the average price of all listed bonds.

° Number of bonds represent number currently used; the change in the number does not affect the continuity of series.

¶ Prices are derived from average yields on basis of an assumed 3 percent 20-year bond.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October

## FINANCE—Continued

SECURITY MARKETS—Continued														
Bonds—Continued														
Yields:														
Domestic corporate (Moody's).....percent..	4.39	4.42	4.40	4.38	4.41	4.43	4.40	4.47	4.60	4.69	4.72	4.71	4.82	4.87
By ratings:														
Aaa.....do.....	4.09	4.11	4.09	4.08	4.12	4.14	4.13	4.23	4.37	4.46	4.47	4.43	4.52	4.57
Aa.....do.....	4.20	4.21	4.21	4.18	4.22	4.24	4.23	4.32	4.46	4.56	4.58	4.58	4.69	4.76
A.....do.....	4.40	4.45	4.43	4.42	4.43	4.43	4.40	4.45	4.61	4.71	4.75	4.74	4.87	4.87
Baa.....do.....	4.87	4.92	4.87	4.85	4.87	4.89	4.85	4.86	4.96	5.04	5.08	5.09	5.18	5.28
By groups:														
Industrial.....do.....	4.24	4.25	4.23	4.24	4.28	4.31	4.28	4.35	4.46	4.55	4.58	4.80	4.68	4.70
Public utility.....do.....	4.41	4.46	4.40	4.39	4.43	4.46	4.43	4.49	4.67	4.77	4.79	4.77	4.89	4.95
Railroad.....do.....	4.52	4.56	4.56	4.52	4.53	4.51	4.51	4.56	4.67	4.76	4.79	4.76	4.88	4.96
Domestic municipal:														
Bond Buyer (20 bonds).....do.....	3.54	3.38	3.30	3.40	3.45	3.29	3.33	3.50	3.61	3.81	3.59	3.72	3.72	-----
Standard and Poor's Corp. (15 bonds).....do.....	3.96	3.94	3.84	3.84	3.87	3.85	3.76	3.84	3.97	4.04	4.04	3.96	4.13	-----
U.S. Treasury bonds, taxable \$.....do.....	3.75	3.76	3.70	3.80	3.90	3.92	3.92	4.01	4.08	4.09	4.11	4.10	4.26	4.11
Stocks														
Cash dividend payments publicly reported:														
Total dividend payments.....mil. of dol.	1,723.1	819.5	314.1	2,139.0	873.7	387.1	1,798.6	810.7	317.9	1,821.1	852.9	331.2	1,884.6	833.2
Finance.....do.....	119.2	173.3	79.0	268.9	192.3	134.4	123.7	156.2	71.4	130.4	177.4	75.7	169.5	160.6
Manufacturing.....do.....	1,143.2	271.8	117.4	1,337.5	269.6	118.0	1,184.6	275.8	124.5	1,210.0	276.5	127.8	1,217.4	276.3
Mining.....do.....	110.7	8.5	2.5	141.0	7.8	2.5	105.4	8.5	3.2	108.3	7.6	2.5	106.3	8.0
Public utilities:														
Communications.....do.....	71.6	174.4	1.3	73.4	175.1	1.4	72.1	175.8	1.6	73.2	192.8	1.5	83.5	193.3
Electric and gas.....do.....	151.3	100.5	91.5	161.7	100.5	93.4	150.6	105.7	94.8	160.3	107.9	96.5	165.9	104.4
Railroad.....do.....	59.0	19.4	2.8	73.8	29.8	6.1	81.2	21.0	2.5	62.1	17.7	5.5	60.0	20.2
Trade.....do.....	41.5	65.4	13.2	50.8	88.2	23.1	45.0	60.2	13.3	48.0	65.4	13.7	49.9	60.5
Miscellaneous.....do.....	26.6	6.2	6.4	31.9	10.4	8.2	30.0	7.5	6.6	28.8	7.6	8.0	32.1	9.9
Dividend rates, prices, yields, and earnings, common stocks (Moody's):														
Dividends per share, annual rate (200 stocks) dollars..	5.25	5.27	5.22	5.24	5.27	5.35	5.35	5.39	5.41	5.41	5.41	5.39	5.39	5.45
Industrial (125 stocks).....do.....	5.71	5.69	5.63	5.64	5.68	5.72	5.72	5.75	5.80	5.80	5.80	5.77	5.77	5.85
Public utility (24 stocks).....do.....	2.51	2.51	2.52	2.57	2.59	2.59	2.59	2.60	2.60	2.60	2.60	2.62	2.63	2.63
Railroad (25 stocks).....do.....	3.25	3.32	3.35	3.40	3.40	3.40	3.40	3.40	3.40	3.37	3.37	3.41	3.41	3.48
Bank (15 stocks).....do.....	3.77	3.77	3.77	3.77	3.78	3.78	3.81	3.81	3.81	3.81	3.81	3.81	3.82	3.82
Insurance (10 stocks).....do.....	4.07	4.07	4.07	4.23	4.23	4.23	4.23	4.23	4.26	4.26	4.31	4.33	4.33	4.33
Price per share, end of month (200 stocks) ¢.....do.....	141.29	144.82	147.66	156.81	156.98	156.96	155.86	163.87	166.31	164.71	170.35	169.21	161.30	162.37
Industrial (125 stocks).....do.....	161.34	165.03	168.37	177.75	176.93	175.43	174.47	184.82	188.53	187.48	196.07	194.70	184.64	186.60
Public utility (24 stocks).....do.....	59.38	61.08	62.18	66.37	66.66	67.40	68.12	67.24	66.28	64.25	66.49	67.39	65.69	65.51
Railroad (25 stocks).....do.....	66.43	69.12	72.71	73.89	74.82	75.48	73.93	76.95	77.47	78.55	77.38	74.35	71.49	70.24
Yield (200 stocks).....percent.....	3.72	3.64	3.54	3.34	3.36	3.41	3.43	3.29	3.25	3.28	3.18	3.19	3.34	3.36
Industrial (125 stocks).....do.....	3.54	3.45	3.34	3.17	3.21	3.26	3.28	3.11	3.08	3.09	2.96	2.96	3.13	3.14
Public utility (24 stocks).....do.....	4.23	4.11	4.05	3.87	3.89	3.84	3.80	3.87	3.92	4.05	3.91	3.89	4.00	4.01
Railroad (25 stocks).....do.....	4.89	4.80	4.61	4.60	4.54	4.50	4.60	4.42	4.39	4.29	4.36	4.39	4.77	4.95
Bank (15 stocks).....do.....	4.15	4.14	4.09	4.00	3.92	3.69	3.95	3.98	3.73	3.77	3.57	3.57	3.73	3.70
Insurance (10 stocks).....do.....	2.98	2.75	2.68	2.54	2.51	2.48	2.53	2.57	2.67	2.71	2.67	2.74	2.97	3.03
Earnings per share (at annual rate), quarterly:														
Industrial (125 stocks).....dollars.....	8.10	-----	-----	10.70	-----	-----	10.30	-----	-----	11.60	-----	-----	8.00	-----
Public utility (24 stocks).....do.....	3.60	-----	-----	3.63	-----	-----	3.69	-----	-----	3.75	-----	-----	3.78	-----
Railroad (25 stocks).....do.....	9.09	-----	-----	9.52	-----	-----	4.12	-----	-----	8.12	-----	-----	3.67	-----
Dividend yields, preferred stocks, 14 high-grade (Standard and Poor's Corp.).....percent.....	4.58	4.64	4.65	4.63	4.54	4.52	4.48	4.51	4.68	4.79	4.75	4.70	4.80	-----
Prices:														
Dow-Jones averages (65 stocks).....	179.36	186.56	193.59	196.91	206.21	205.02	210.19	212.12	214.78	212.34	221.03	219.84	210.97	212.04
Industrial (30 stocks).....	521.82	539.85	557.10	566.43	592.29	590.72	609.12	616.99	630.80	631.51	662.81	660.58	635.47	637.34
Public utility (15 stocks).....	80.06	82.07	85.56	88.09	91.66	91.03	93.68	92.58	91.33	86.70	89.10	91.24	87.67	87.87
Railroad (20 stocks).....	136.96	146.52	153.80	155.00	163.87	161.69	162.56	165.30	166.54	164.46	169.09	163.24	155.38	157.51
Standard and Poor's Corporation:														
Industrial, public utility, and railroad: ¢														
Combined index (500 stocks).....1941-43=10.....	48.96	50.95	52.50	53.49	55.62	54.77	56.15	57.10	57.96	57.46	59.74	59.40	57.05	-----
Industrial, total (425 stocks) ¢.....do.....	52.40	54.55	56.11	57.09	59.30	58.33	59.79	60.92	62.09	61.75	64.23	63.74	61.21	-----
Capital goods (129 stocks).....do.....	51.34	53.60	55.20	56.84	58.98	59.33	61.07	62.10	64.81	65.32	67.82	66.73	64.16	-----
Consumers' goods (196 stocks).....do.....	38.90	40.65	42.47	43.31	44.65	44.23	45.10	45.87	47.12	47.09	49.82	49.11	48.15	-----
Public utility (50 stocks).....do.....	37.97	39.15	40.75	42.05	43.96	43.71	45.06	45.12	44.30	42.58	44.77	45.15	43.59	-----
Railroad (25 stocks).....do.....	29.51	31.23	33.07	33.70	35.53	35.20	35.47	35.94	36.07	36.02	36.86	35.56	33.78	-----
Banks:														
N.Y. City (12 stocks).....do.....	22.54	23.28	23.55	24.03	24.56	25.23	26.30	24.70	25.15	25.77	26.98	27.25	26.72	-----
Outside N.Y. City (17 stocks).....do.....	43.98	45.25	46.68	48.16	50.35	50.08	52.09	51.37	50.47	51.15	53.00	53.46	53.02	-----
Fire insurance (17 stocks).....do.....	28.54	29.49	31.83	33.42	34.96	34.78	35.60	34.22	33.39	31.66	33.28	33.57	31.56	-----
Sales (Securities and Exchange Commission):														
Total on all registered exchanges:														
Market value.....mil. of dol.	3,442	4,823	3,991	4,368	4,982	3,790	5,308	4,805	4,901	4,325	4,670	3,572	3,372	-----
Shares sold.....thousands.....	115,052	161,286	130,626	146,227	166,968	133,963	186,246	149,631	146,658	123,504	133,148	102,919	97,364	-----
On New York Stock Exchange:														
Market value.....mil. of dol.	2,922	4,172	3,407	3,682	4,195	3,143	4,330	3,934	4,119	3,676	3,929	3,026	2,875	-----
Shares sold.....thousands.....	80,695	118,112	91,504	96,124	105,627	80,357	108,433	91,630	95,517	82,027	91,386	69,705	67,534	-----
Exclusive of odd lot and stopped sales (N.Y. Times).....thousands.....	71,972	95,987	74,396	75,018	83,253	65,793	82,450	75,887	70,969	64,351	70,889	51,052	57,518	61,330
Shares listed, New York Stock Exchange:														
Market value, all listed shares.....mil. of dol.	248,388	255,117	261,828	276,665	280,826	282,105	283,202	294,256	299,044	298,785	309,520	304,569	290,564	-----
Number of shares listed.....millions.....	4,916	4,933	4,959	5,017	5,075	5,089	5,106	5,163	5,270	5,463	5,502	5,519	5,629	-----

\* Revised. \* Preliminary. † Includes \$2.71 retroactive mail pay increase.

‡ For bonds due or callable in 10 years or more.

§ Includes data not shown separately.

¶ Number of stocks represents number currently used; the change in number does not affect continuity of the series.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

# INTERNATIONAL TRANSACTIONS OF THE UNITED STATES

	1958				1959									
	Septem-ber	October	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	June	July	August	Septem-ber	October
<b>BALANCE OF PAYMENTS (QUARTERLY)</b>														
Exports of goods and services, total.....mil. of dol.	6,120			6,673			5,866							
Military transfers under grants, net.....do	549			531			485							
Merchandise, adjusted, excluding military trans- actions.....mil. of dol.	3,806			4,176			3,798			4,069				
Income on investments abroad.....do	703			913			635			684				
Other services and military transactions.....do	1,062			1,053			948			1,048				
Imports of goods and services, total.....do	5,372			5,425			5,422			5,968				
Merchandise, adjusted.....do	3,124			3,517			3,604			3,885				
Income on foreign investments in U.S.....do	164			188			180			194				
Military expenditures.....do	841			838			801			821				
Other services.....do	1,243			882			837			1,068				
Balance on goods and services.....do	+748			+1,248			+444							
Unilateral transfers (net), total.....do	-1,090			-1,147			-1,104							
Private.....do	-123			-142			-140			-134				
Government.....do	-967			-1,005			-964							
U.S. long- and short-term capital (net), total.....do	-783			-892			-472			-2,300				
Private.....do	-451			-726			-383			-611				
Government.....do	-332			-166			-89			-1,689				
Foreign long- and short-term capital (net).....do	+424			+531			+819			+1,961				
Gold sales [purchases (-)].....do	+483			+347			+96			+741				
Errors and omissions.....do	+218			-87			+217			+297				
<b>FOREIGN TRADE</b>														
<b>Indexes</b>														
Exports of U.S. merchandise:														
Quantity.....1936-38=100	257	300	300	282	260	237	270	272	291	266	275	261	275	
Value.....do	554	650	649	613	568	519	591	596	630	578	596	568	601	
Unit value.....do	216	216	216	218	219	219	219	219	217	217	217	218	219	
Imports for consumption:														
Quantity.....do	191	206	193	220	203	200	231	219	224	240	223	214	243	
Value.....do	523	562	529	599	553	543	621	589	608	651	603	581	658	
Unit value.....do	273	273	274	273	272	271	269	269	271	271	270	272	271	
Agricultural products, quantity:														
Exports, U.S. merchandise, total:														
Unadjusted.....1952-54=100	131	155	151	152	142	115	135	134	152	142	152	136		
Seasonally adjusted.....do	141	140	127	124	133	111	125	139	155	161	198	170		
Cotton (incl. linters), seas. adj.....do	99	62	94	67	53	52	78	76	82	77	100	63		
Imports for consumption, total:														
Unadjusted.....do	94	107	100	118	103	113	127	118	114	105	96	116		
Seasonally adjusted.....do	103	123	115	107	90	106	111	102	121	108	107	126		
Supplementary imports, seas. adj.....do	109	111	120	126	106	109	113	103	110	110	118	118		
Complementary imports, seas. adj.....do	98	132	112	99	81	104	110	101	131	106	98	133		
<b>Shipping Weight</b>														
Water-borne trade:														
Exports, incl. reexports.....thous. of long tons.	9,013	9,591	8,890	7,031	7,650	6,149	7,023	7,327	8,624	8,162				
General imports.....do	13,614	15,182	12,944	15,057	14,739	13,995	15,503	12,392	14,159	17,532				
<b>Value</b>														
Exports (mdse.), including reexports, total.....mil. of dol.	1,360.9	1,598.9	1,596.2	1,513.6	1,400.4	1,280.2	1,456.3	1,468.0	1,551.8	1,425.7	1,468.6	1,396.7	1,479.0	
By geographic regions: <sup>Δ</sup>														
Africa.....do	36.2	40.5	73.7	46.8	58.3	36.3	80.9	52.8	55.1	67.2	49.6	52.6	51.0	
Asia and Oceania.....do	212.2	224.0	247.9	250.8	248.4	227.7	263.9	246.1	254.4	253.6	249.2	240.6	240.1	
Europe.....do	345.0	416.2	412.0	384.0	366.2	304.8	337.2	351.4	365.6	332.0	372.4	366.9	445.3	
Northern North America.....do	290.3	322.1	283.5	278.0	262.0	274.7	321.2	327.1	349.5	353.9	320.9	297.6	302.9	
Southern North America.....do	168.4	183.7	161.7	166.5	142.9	136.5	141.7	151.0	149.0	149.2	153.0	138.0	147.1	
South America.....do	158.1	185.5	187.3	205.3	170.7	144.6	167.1	165.4	185.4	158.0	168.1	160.7	173.9	
By leading countries: <sup>Δ</sup>														
Africa:														
United Arab Republic (Egypt Region).....do	3.2	4.3	5.9	4.5	3.6	3.5	3.7	10.5	11.7	10.2	6.1	10.0	5.7	
Union of South Africa.....do	12.7	15.4	17.5	17.8	18.0	14.6	19.6	18.3	19.4	18.8	18.3	20.0	16.9	
Asia and Oceania:														
Australia, including New Guinea.....do	21.4	18.4	22.9	13.3	16.0	14.2	15.3	15.4	18.5	17.9	21.3	30.3	31.0	
Colony of Singapore.....do	1.8	2.0	2.1	2.0	2.3	2.2	2.4	2.6	2.9	2.4	2.8	2.2	3.1	
India and Pakistan.....do	39.0	36.8	36.9	38.5	51.2	38.2	51.7	42.0	40.7	41.9	35.3	29.2	25.2	
Japan.....do	51.3	59.9	67.3	81.0	75.7	72.8	73.5	73.3	70.8	71.8	80.5	70.1	63.5	
Republic of Indonesia.....do	3.5	4.1	3.3	4.8	3.5	3.6	5.0	4.5	4.8	4.4	7.5	8.1	4.4	
Republic of the Philippines.....do	22.1	27.9	34.2	25.0	16.5	16.6	23.7	20.8	24.9	26.9	22.9	22.4	24.7	
Europe:														
France.....do	25.4	33.3	32.1	33.2	27.5	24.6	28.2	30.7	30.7	20.9	23.5	21.7	27.5	
East Germany.....do	0	(1)	1	0	0	1	(1)	(1)	3	4	(1)	0	(1)	
West Germany.....do	53.8	67.8	62.2	62.7	52.3	52.0	56.5	60.4	56.9	56.9	61.4	62.0	65.1	
Italy.....do	34.7	35.9	42.3	35.3	36.4	25.7	34.5	28.7	32.2	31.8	36.0	30.3	41.2	
Union of Soviet Socialist Republics.....do	(1)	3	6	1.4	1.5	0	1	4	1	4	6	1	1	
United Kingdom.....do	74.3	102.1	81.8	85.5	67.0	61.8	50.9	60.2	68.9	61.2	60.2	62.5	120.7	
North and South America:														
Canada.....do	290.3	322.1	283.5	278.0	262.0	274.7	321.1	327.1	349.5	353.9	320.9	297.6	302.8	
Latin American Republics, total.....do	307.4	344.6	325.6	350.5	293.0	260.5	289.0	296.6	312.6	288.7	301.2	279.2	298.8	
Argentina.....do	18.8	23.2	26.4	30.6	18.1	15.3	13.2	14.2	15.8	18.6	22.9	26.2	23.0	
Brazil.....do	39.9	45.0	39.5	58.1	41.6	29.1	46.2	36.2	43.3	28.4	27.4	30.8	35.7	
Chile.....do	10.5	13.8	11.2	10.7	10.4	11.1	10.8	10.4	14.2	10.3	11.4	9.5	11.6	
Colombia.....do	12.8	15.0	15.6	13.9	16.4	14.2	15.4	17.4	20.2	17.2	18.4	18.0	17.6	
Cuba.....do	45.7	53.1	43.2	40.5	32.7	32.8	31.1	33.4	38.1	40.1	39.6	36.6	38.7	
Mexico.....do	61.5	73.3	60.8	71.8	57.8	55.6	59.9	63.2	56.9	62.4	57.4	56.5	56.5	
Venezuela.....do	54.1	64.5	71.6	69.5	63.0	55.8	60.9	63.4	69.7	63.0	65.7	54.4	62.6	

<sup>Δ</sup> Revised. <sup>Δ</sup> Preliminary. <sup>Δ</sup> Less than \$50,000. <sup>Δ</sup> Includes carryovers of approximately \$15 million from May and June; appropriate amounts are included in components.  
<sup>Δ</sup> Revision for May 1958 (units as above): Imports, 12,527. <sup>Δ</sup> Adjusted for balance-of-payments purposes, mainly for valuation, coverage, and timing. <sup>Δ</sup> Excludes military expenditures.  
<sup>Δ</sup> Excludes "special category" shipments and all commodities exported under foreign-aid programs as Department of Defense controlled cargo.  
<sup>Δ</sup> Data include shipments (military and economic aid) under the Mutual Security Program. Total MSP military shipments (including, since early 1956, also "consumables and construc-  
tion" shipments) are as follows (mil. dol): September 1958-September 1959, respectively—121.6; 181.3; 188.5; 135.0; 114.5; 96.7; 81.2; 125.1; 140.9; 78.1; 114.6; 97.1; 79.7.  
<sup>Δ</sup> Excludes "special category" shipments. <sup>Δ</sup> Includes countries not shown separately.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
September	October	November	December	January	February	March	April	May	June	July	August	September	October

### INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—Continued

FOREIGN TRADE—Continued													
Value—Continued													
Exports of U.S. merchandise, total <sup>1</sup> .....mil. of dol.	1,351.1	1,584.1	1,581.6	1,493.6	1,384.8	1,266.0	1,441.3	1,452.1	1,535.3	1,409.5	1,454.0	1,384.1	1,464.2
By economic classes:													
Crude materials.....do.	160.7	199.1	195.8	161.4	143.4	113.3	134.0	131.9	141.1	133.6	138.6	130.6	186.2
Crude foodstuffs.....do.	108.8	114.6	109.0	124.1	130.0	107.8	120.1	113.4	131.2	122.1	137.9	117.2	114.4
Manufactured foodstuffs and beverages.....do.	88.7	104.4	87.9	90.9	78.6	65.8	76.7	78.8	90.6	92.1	96.1	99.3	102.4
Semimanufactures <sup>2</sup> .....do.	182.6	222.4	213.4	191.9	189.2	175.8	191.9	203.6	214.9	203.3	213.5	208.3	226.7
Finished manufactures <sup>3</sup> .....do.	810.2	943.5	975.6	925.2	843.6	803.3	918.6	924.5	957.5	858.4	867.8	828.7	834.5
By principal commodities:													
Agricultural products, total <sup>4</sup> .....do.	297.2	357.6	341.8	337.5	310.0	249.5	292.0	296.5	325.1	304.9	327.2	298.2	361.2
Cotton, unmanufactured.....do.	30.2	25.2	45.6	39.8	30.0	26.5	36.3	31.7	31.1	29.7	15.9	11.6	26.0
Fruits, vegetables, and preparations.....do.	31.6	40.4	28.8	28.7	23.4	24.5	27.3	29.5	33.1	37.5	32.2	35.6	33.5
Grains and preparations.....do.	110.4	117.1	109.5	119.5	130.1	104.7	118.6	111.0	129.8	122.5	132.5	119.5	111.3
Packinghouse products.....do.	18.9	22.1	24.2	19.1	23.7	20.0	21.4	20.6	22.4	22.4	23.8	23.5	25.9
Tobacco and manufactures.....do.	52.6	71.3	47.8	43.0	26.4	18.8	31.8	24.6	26.5	26.1	26.0	39.2	81.8
Nonagricultural products, total <sup>4</sup> .....do.	1,053.8	1,226.5	1,239.8	1,156.1	1,074.8	1,016.4	1,149.3	1,155.6	1,210.1	1,104.6	1,126.7	1,085.9	1,103.0
Automobiles, parts, and accessories.....do.	80.4	97.3	114.9	127.7	104.0	104.2	118.0	118.1	118.3	105.2	101.1	83.5	89.7
Chemicals and related products <sup>5</sup> .....do.	106.1	119.9	117.9	113.5	115.2	116.6	122.2	119.5	130.1	121.2	122.9	123.1	139.6
Coal and related fuels.....do.	47.9	47.6	42.7	31.8	34.3	25.6	29.9	31.9	34.2	29.4	36.8	39.8	36.5
Iron and steel-mill products.....do.	45.9	60.1	57.5	44.6	45.1	44.0	51.0	52.7	53.6	58.5	54.1	35.3	29.4
Machinery, total <sup>6</sup> .....do.	289.3	316.1	319.8	313.9	287.8	291.2	326.9	354.0	356.3	329.2	319.4	308.1	316.9
Agricultural.....do.	8.1	7.9	8.1	8.3	8.5	10.8	14.1	16.2	15.8	16.3	15.1	11.7	9.6
Tractors, parts, and accessories.....do.	22.5	24.1	18.2	17.8	22.3	25.8	31.7	33.8	35.1	34.9	32.3	27.5	33.0
Electrical.....do.	80.2	89.2	91.7	92.8	70.1	71.9	81.2	80.8	88.6	74.8	78.0	77.9	81.5
Metalworking.....do.	22.5	27.6	33.2	35.7	29.3	25.4	27.1	32.0	32.4	24.2	21.7	24.9	22.2
Other industrial.....do.	142.3	152.7	154.9	143.0	142.9	142.3	158.1	166.5	169.6	164.4	157.4	152.2	156.2
Petroleum and products.....do.	44.7	49.0	51.0	39.4	40.8	35.7	39.2	45.2	42.7	42.0	42.8	38.3	39.0
Textiles and manufactures.....do.	46.7	54.8	49.5	47.7	44.6	42.8	53.5	49.3	54.4	47.8	47.4	52.1	58.7
General imports, total.....do.	1,074.0	1,141.8	1,089.0	1,253.4	1,154.2	1,118.1	1,300.9	1,220.9	1,263.8	1,369.4	1,248.4	1,189.8	1,391.8
By geographic region:													
Africa.....do.	38.0	46.2	35.9	53.5	43.6	47.9	59.7	57.0	42.3	49.8	43.8	40.6	58.8
Asia and Oceania.....do.	178.3	193.7	181.6	209.8	216.7	198.1	240.7	239.0	231.4	264.8	246.0	253.4	288.4
Europe.....do.	285.3	319.8	316.1	353.6	339.6	312.4	370.6	376.6	393.9	399.7	406.7	341.6	424.7
Northern North America.....do.	257.9	252.2	230.0	233.0	184.9	193.9	227.9	234.5	264.7	301.6	267.6	249.5	254.9
Southern North America.....do.	125.7	120.2	123.3	161.1	163.7	160.8	175.1	139.7	138.2	143.3	122.9	103.2	112.3
South America.....do.	188.7	209.7	202.1	242.5	205.7	205.1	226.9	174.2	193.3	210.1	161.3	201.5	252.5
By leading countries:													
Africa:													
United Arab Republic (Egypt Region).....do.	.2	.1	.3	.3	4.5	.7	6.6	1.1	.4	.4	1.9	.4	.2
Union of South Africa.....do.	8.2	8.4	5.2	10.7	7.8	10.6	9.0	10.4	7.6	11.1	9.4	5.9	8.9
Asia and Oceania:													
Australia, including New Guinea.....do.	4.3	8.4	5.4	10.6	10.8	12.5	11.7	19.8	16.7	18.3	17.3	17.3	22.5
Colony of Singapore.....do.	2.7	4.1	2.9	4.1	3.6	2.9	2.6	1.6	1.7	2.5	2.4	2.5	2.0
India and Pakistan.....do.	18.8	14.6	16.3	20.7	20.3	16.6	22.0	23.0	21.9	20.3	20.0	19.6	20.3
Japan.....do.	55.4	64.1	62.3	66.3	66.4	60.4	83.1	79.5	78.1	88.9	91.3	88.4	99.3
Republic of Indonesia.....do.	15.3	18.4	14.1	16.4	17.6	18.1	12.6	15.9	13.6	22.9	15.1	14.0	17.8
Republic of the Philippines.....do.	22.2	20.5	21.4	15.5	19.9	18.8	27.4	25.8	27.8	29.4	30.9	34.4	36.0
Europe:													
France.....do.	23.7	31.5	30.0	36.2	32.1	28.6	34.3	33.8	43.4	42.0	43.5	37.8	42.5
East Germany.....do.	.1	.9	.2	.6	.4	.3	.3	.3	.3	.9	.6	.2	.3
West Germany.....do.	55.8	57.2	57.3	65.5	65.2	60.1	70.6	75.2	75.2	80.2	80.7	66.8	87.3
Italy.....do.	20.1	33.2	26.1	31.9	26.8	25.2	28.6	29.2	31.9	32.5	33.6	34.5	34.0
Union of Soviet Socialist Republics.....do.	1.9	2.3	.8	.6	4.2	3.1	2.3	1.5	1.0	1.8	2.0	2.3	3.6
United Kingdom.....do.	78.0	82.8	84.3	84.3	82.0	79.9	89.7	95.7	102.5	98.0	106.7	85.6	102.9
North and South America:													
Canada.....do.	257.7	252.1	229.6	233.0	184.7	193.8	227.9	234.5	264.5	301.4	267.5	249.3	254.4
Latin American Republics, total <sup>7</sup> .....do.	276.0	289.7	292.7	334.1	313.7	316.9	345.2	286.9	306.1	322.2	259.4	280.7	334.2
Argentina.....do.	11.2	11.4	11.4	17.1	12.0	8.6	13.2	10.9	12.1	15.7	8.6	9.7	10.1
Brazil.....do.	44.3	49.9	51.2	69.4	43.3	52.5	60.8	45.8	53.8	38.5	31.5	70.6	82.1
Chile.....do.	11.8	13.7	13.2	19.3	20.9	15.5	17.0	15.6	15.8	17.3	15.1	14.7	21.7
Colombia.....do.	30.3	36.5	31.4	25.9	22.8	28.4	23.9	30.8	31.4	28.0	27.4	43.8	43.8
Cuba.....do.	44.3	32.7	34.2	35.9	29.3	32.9	43.6	50.1	49.7	54.4	56.2	43.6	43.1
Mexico.....do.	30.8	32.6	35.3	43.2	46.3	49.9	53.2	42.6	40.4	34.9	27.2	24.8	25.6
Venezuela.....do.	68.7	77.7	75.0	87.5	84.7	82.1	91.8	61.4	62.4	86.9	57.6	60.7	66.1
Imports for consumption, total.....do.	1,071.7	1,153.3	1,084.8	1,229.1	1,134.5	1,113.3	1,274.0	1,209.0	1,247.3	1,335.5	1,236.1	1,190.7	1,348.7
By economic classes:													
Crude materials.....do.	238.8	244.5	222.7	266.6	262.7	243.8	255.7	236.6	246.0	287.9	244.8	251.8	264.6
Crude foodstuffs.....do.	137.3	173.0	159.5	192.6	145.4	165.6	176.4	153.9	161.0	136.6	116.2	144.9	190.6
Manufactured foodstuffs and beverages.....do.	131.1	130.3	128.6	128.3	120.1	110.8	130.3	142.6	142.1	147.7	149.1	137.0	162.9
Semimanufactures.....do.	236.8	241.2	219.4	259.9	242.5	255.5	303.9	258.2	261.5	306.1	270.8	253.8	274.3
Finished manufactures.....do.	327.8	364.2	354.6	381.7	363.7	337.6	407.7	417.8	436.6	457.2	455.2	403.1	456.3
By principal commodities:													
Agricultural products, total <sup>8</sup> .....do.	302.8	334.9	316.0	369.4	328.4	333.8	370.8	353.7	360.8	336.8	317.1	351.6	418.6
Cocoa (cacao) beans, incl. shells.....do.	6.2	7.2	7.5	34.1	18.3	12.7	14.8	15.6	16.5	14.9	9.4	9.4	14.4
Coffee.....do.	83.5	109.0	100.6	103.5	79.6	108.2	106.0	84.3	93.0	74.3	61.6	99.5	136.7
Hides and skins.....do.	3.5	4.5	4.0	5.2	6.4	5.5	9.7	8.9	7.9	9.0	7.4	5.6	9.2
Rubber, crude, including guayule.....do.	20.2	22.8	22.5	30.8	32.7	29.5	28.9	26.2	28.4	29.1	32.1	32.0	35.0
Sugar.....do.	43.5	32.0	30.6	32.1	35.9	37.7	47.5	46.6	51.5	52.3	58.1	48.3	50.5
Wool and mohair, unmanufactured.....do.	11.3	16.1	15.6	18.0	21.3	18.7	23.8	21.9	21.0	18.7	15.2	14.7	20.7
Nonagricultural products, total <sup>8</sup> .....do.	768.9	818.4	768.8	859.7	806.1	779.5	903.1	855.4	886.5	998.7	919.0	839.1	930.1
Furs and manufactures.....do.	4.8	3.3	3.7	21.4	15.1	10.0	9.8	8.5	7.9	8.9	6.5	4.5	5.9
Nonferrous ores, metals, and mfs., total <sup>9</sup> .....do.	93.8	72.2	74.2	81.5	81.3	70.7	91.4	86.4	91.9	111.0	94.8	87.7	94.3
Copper, incl. ore and manufactures.....do.	8.6	18.2	19.3	20.8	15.3	16.2	20.8	17.2	20.6	26.6	19.9	22.2	31.1
Tin, including ore.....do.	7.7	8.9	6.4	9.2	13.1	9.5	10.2	9.4	8.9	19.7	5.7	5.5	14.4
Paper base stocks.....do.	28.5	29.2	27.7	28.4	29.5	27.2	26.7	29.5	27.7	29.9	29.0	28.5	28.2
Newsprint.....do.	48.7	55.2	55.9	54.3	43.2	44.2	51.7	54.1	60.3	59.5	54.2	54.9	58.8
Petroleum and products.....do.	129.1	142.7	135.6	166.7	158.5	166.7	173.4	102.6	98.9	142.2	93.9	102.8	115.6

<sup>1</sup> Revised. <sup>2</sup> Preliminary.

<sup>3</sup> See similar note on p. S-21.

<sup>4</sup> Data for semimanufactures reported as "special category, type 1" are included with finished manufactures.

<sup>5</sup> Excludes "special category, type 1" exports.

<sup>6</sup> Includes data not shown separately.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>TRANSPORTATION AND COMMUNICATIONS</b>														
<b>TRANSPORTATION</b>														
<b>Airlines§</b>														
Scheduled domestic trunk carriers:														
Financial operations (quarterly totals):														
Operating revenues, total <sup>¶</sup> .....mil. of dol.	403.9			371.6			1 407.6			1 464.1				
Transport, total <sup>¶</sup> .....do.	401.9			365.3			1 404.0			1 460.7				
Passenger.....do.	365.8			327.6			1 367.4			1 420.6				
Property.....do.	25.1			24.7			1 24.8			1 26.9				
U.S. mail (excl. subsidy).....do.	8.6			10.2			1 10.0			1 10.3				
Operating expenses (incl. depreciation).....do.	365.8			337.2			1 391.6			1 421.4				
Net income (after taxes).....do.	21.8			16.7			1 8.3			1 22.2				
Operating results:														
Miles flown, revenue.....thousands	61,693	59,370	49,046	46,180	1 57,866	56,659	64,795	63,029	64,041	64,060	65,898	66,548		
Express and freight ton-miles flown.....do.	28,187	29,487	24,262	25,379	1 23,406	23,478	28,326	26,963	27,787	28,545	27,844	29,342		
Mail ton-miles flown.....do.	8,189	9,123	8,347	11,834	1 9,078	8,728	9,993	9,588	9,563	9,201	9,130	8,997		
Passengers originated, revenue.....do.	3,432	3,563	2,957	2,740	1 3,255	3,126	3,705	3,743	3,819	4,114	3,983	4,193		
Passenger-miles flown, revenue.....millions	2,100	2,101	1,777	1,779	1 2,061	1,921	2,305	2,260	2,295	2,629	2,593	2,735		
<b>Express Operations</b>														
Transportation revenues.....thous. of dol.	33,940	33,363	30,671	41,998	29,420	29,049	33,966	31,403	30,471	32,231	29,406	30,292		
Express privilege payments.....do.	12,268	11,832	8,737	16,154	8,136	8,414	13,075	11,839	11,330	13,029	10,401	11,033		
<b>Local Transit Lines</b>														
Fares, average cash rate.....cents.	17.3	17.3	17.5	17.6	17.6	17.7	17.7	17.7	17.8	17.9	18.0	18.1	18.1	
Passengers carried, revenue.....millions	638	695	635	693	641	605	673	668	667	630	597	571	631	
Operating revenues.....mil. of dol.	104.8	116.7	108.9	122.2	111.3	105.9	115.8	117.4	115.9	110.9	112.2	107.1		
<b>Class I Motor Carriers (Intercity)</b>														
Carriers of property (quarterly totals):														
Number of reporting carriers.....do.	875			872			907			900				
Operating revenues, total.....mil. of dol.	966.7			1,102.2			1,073.1			1,181.8				
Expenses, total.....do.	925.0			1,062.3			1,025.2			1,102.6				
Freight carried (revenue).....mil. of tons	58.0			65.7			65.9			70.5				
Carriers of passengers (quarterly totals):														
Number of reporting carriers.....do.	139			142			136			138				
Operating revenues, total.....mil. of dol.	126.2			102.3			90.6			109.8				
Expenses, total.....do.	100.8			91.5			85.8			93.9				
Passengers carried (revenue).....millions	63.6			59.1			51.9			57.9				
<b>Class I Railroads</b>														
Freight carloadings (A. A. R.): <sup>σ</sup>														
Total cars.....thousands	2,571	2 3,410	3,135	2,186	2,742	2,291	2,398	2,489	3,419	2,813	2,249	2,712	2,190	2,908
Coal.....do.	460	594	583	467	557	446	412	407	546	471	251	491	403	542
Coke.....do.	28	39	42	34	42	38	44	44	55	42	28	15	12	16
Forest products.....do.	156	203	190	135	176	148	158	155	206	164	154	211	163	202
Grain and grain products.....do.	214	331	291	201	267	214	204	191	243	240	242	265	201	284
Livestock.....do.	34	61	40	18	24	15	19	22	28	17	15	24	32	55
Ore.....do.	222	257	174	56	76	62	75	127	365	319	190	54	35	50
Merchandise, l.c.l.....do.	200	238	218	156	192	168	176	171	209	162	156	205	165	213
Miscellaneous.....do.	1,257	1,686	1,596	1,121	1,408	1,199	1,312	1,373	1,767	1,397	1,214	1,448	1,179	1,546
Freight carloadings, seas. adj. indexes (Fed. Res.):														
Total.....1935-39=100	106	109	110	109	111	111	113	115	118	115	96	95	96	98
Coal.....do.	99	98	100	100	94	92	84	85	92	92	61	81	87	90
Coke.....do.	93	101	112	109	104	113	136	141	144	136	81	40	42	42
Forest products.....do.	121	124	128	126	133	125	127	127	130	129	129	130	127	123
Grain and grain products.....do.	141	188	169	157	156	154	155	153	159	169	143	135	132	161
Livestock.....do.	49	57	43	33	38	34	42	44	44	35	35	37	46	52
Ore.....do.	134	122	122	165	221	218	229	173	173	180	88	25	21	
Merchandise, l.c.l.....do.	31	29	28	27	26	27	28	27	27	26	25	26	26	26
Miscellaneous.....do.	115	117	119	117	120	123	128	133	134	129	114	108	108	107
Financial operations:														
Operating revenues, total <sup>¶</sup> .....mil. of dol.	846.9	903.0	809.5	836.8	784.2	748.3	857.9	856.4	879.5	899.8	821.6	774.4	769.2	
Freight.....do.	724.4	777.2	688.7	684.9	660.5	637.8	734.6	736.8	756.9	765.7	687.3	642.7	648.7	
Passenger.....do.	52.1	50.5	51.2	66.9	57.9	49.0	51.4	48.3	50.5	61.5	64.2	62.4	49.9	
Operating expenses.....do.	630.1	651.2	623.8	656.0	644.5	609.2	655.5	652.7	667.9	674.2	658.5	629.4		
Tax accruals, joint facility and equipment rents.....mil. of dol.	123.3	137.1	105.5	103.2	103.5	99.3	123.2	121.3	124.2	136.3	114.2	105.1		
Net railway operating income.....do.	93.6	114.7	80.2	77.6	36.2	39.8	79.1	82.3	87.5	89.4	48.9	39.9	45.8	
Net income (after taxes) <sup>†</sup> .....do.	72.7	96.8	63.1	88.4	21.5	20.0	58.0	62.4	71.7	72.6	31.3	25.2		
Operating results:														
Freight carried 1 mile.....mil. of ton-miles	50,164	54,643	50,131	46,661	47,625	45,360	51,232	51,231	55,440	53,507	46,179	47,090		
Revenue per ton-mile.....cents	1.475	1.460	1.416	1.488	1.434	1.441	1.462	1.474	1.421	1.467	1.531	1,114		
Passengers carried 1 mile (revenue).....millions	1,806	1,706	1,689	2,205	1,924	1,567	1,705	1,582	1,691	2,123	2,296			
<b>Waterway Traffic</b>														
Clearances, vessels in foreign trade:														
Total U.S. ports.....thous. of net tons	12,916	13,702	12,538	12,472	12,687	11,010	12,365	11,837	13,886					
Foreign vessels.....do.	10,741	11,292	10,357	10,526	10,948	9,398	10,428	9,785	11,501					
United States vessels.....do.	2,175	2,410	2,181	1,946	1,739	1,612	1,937	2,052	2,385					
Panama Canal:														
Total.....thous. of long tons	3,494	4,098	4,072	4,106	4,365	4,231	4,726	4,264	4,861	4,748	4,837	4,542	4,334	
In United States vessels.....do.	949	873	988	846	953	853	1,055	964	1,344	1,290	1,218	1,114	1,091	

¶ Revised. σ Preliminary. † See note marked "\$."

§ Data beginning 1959 include operations intra-Alaska and intra-Hawaii, not included in earlier figures.

¶ Includes data not shown separately.

σ Data for August, October, and November 1958, and January, May, August, and October 1959 cover 5 weeks; other months, 4 weeks.

† Revision for August 1958, \$74,400,000.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>TRANSPORTATION AND COMMUNICATIONS—Continued</b>														
<b>TRANSPORTATION—Continued</b>														
<b>Travel</b>														
Hotels:														
Average sale per occupied room.....dollars	8.84	9.37	9.07	8.22	8.56	8.64	8.28	9.11	8.48	9.08	8.42	9.41	9.28	9.65
Rooms occupied.....percent of total	69	75	65	54	67	69	66	72	68	69	60	64	70	73
Restaurant sales index†.....same month 1951=100	108	113	106	113	117	118	114	116	121	117	117	110	116	114
Foreign travel:														
U.S. citizens: Arrivals.....thousands	188	141	109	105	115	117	150	139	143	165	199	252	-----	-----
Departures.....do	129	105	91	115	118	128	148	144	159	224	226	-----	-----	-----
Aliens: Arrivals.....do	112	87	73	75	74	65	82	82	95	99	105	121	-----	-----
Departures.....do	79	70	60	77	60	54	66	64	79	99	98	-----	-----	-----
Passports issued and renewed.....do	38	34	28	30	48	58	86	95	93	84	65	51	44	37
National parks, visits\$.....do	2,061	1,333	584	411	428	478	630	746	1,348	3,158	5,306	5,612	2,130	-----
Pullman Co.: Revenue passenger-miles.....millions	283	305	297	415	370	318	311	268	255	301	302	300	-----	-----
Passenger revenues.....thous. of dol.	4,389	4,726	4,645	6,440	5,845	6,130	5,063	4,356	4,124	4,813	4,829	4,786	-----	-----
<b>COMMUNICATIONS</b>														
Telephone carriers:														
Operating revenues\$.....mil. of dol.	601.1	620.0	602.7	635.3	624.7	610.1	641.3	643.5	648.4	652.5	656.6	654.3	-----	-----
Station revenues.....do	344.0	351.7	348.8	357.9	357.3	354.6	359.8	363.9	364.7	367.5	366.2	365.8	-----	-----
Tolls, message.....do	201.6	212.1	197.1	219.1	208.8	197.2	223.3	219.2	222.6	224.5	229.3	226.9	-----	-----
Operating expenses, before taxes.....do	363.8	383.5	360.5	398.8	376.9	363.9	387.9	388.9	392.8	392.8	408.5	390.5	-----	-----
Net operating income.....do	100.5	100.4	102.6	99.7	102.1	101.8	105.1	106.5	108.2	107.8	103.2	110.3	-----	-----
Phones in service, end of month.....millions	57.6	57.9	58.1	58.5	58.7	59.0	59.2	59.6	59.9	60.1	60.4	60.6	-----	-----
Telegraph, cable, and radiotelegraph carriers:														
Wire-telegraph:														
Operating revenues.....thous. of dol.	21,276	22,706	19,053	20,257	20,938	19,921	22,381	21,878	21,920	22,828	21,897	21,905	-----	-----
Operating expenses, incl. depreciation.....do	18,873	19,594	17,585	16,612	18,657	17,275	18,676	18,483	18,920	18,960	19,720	18,812	-----	-----
Net operating revenues.....do	1,726	2,506	926	3,287	1,264	1,680	2,664	2,355	1,959	2,849	1,171	2,218	-----	-----
Ocean-cable:														
Operating revenues.....do	2,830	3,006	2,682	3,095	3,015	2,801	2,960	3,021	2,888	3,055	3,004	2,936	-----	-----
Operating expenses, incl. depreciation.....do	2,211	2,239	2,011	2,204	2,281	2,211	2,274	2,356	2,413	2,388	2,364	2,246	-----	-----
Net operating revenues.....do	357	505	432	637	464	349	430	395	214	435	411	367	-----	-----
Radiotelegraph:														
Operating revenues.....do	3,645	3,856	3,458	3,876	3,722	3,506	3,884	3,949	3,824	4,039	4,002	3,913	-----	-----
Operating expenses, incl. depreciation.....do	2,837	2,887	2,804	3,185	2,929	2,720	2,923	2,922	2,949	3,004	3,080	3,060	-----	-----
Net operating revenues.....do	701	876	560	619	668	651	829	900	750	899	810	721	-----	-----

## CHEMICALS AND ALLIED PRODUCTS

<b>CHEMICALS</b>														
Inorganic chemicals, production:														
Acetylene†.....mil. of cu. ft.	942	1,037	988	1,024	1,031	957	993	996	1,052	961	994	980	-----	-----
Ammonia, synthetic anhydrous (commercial).....thous. of short tons	304.8	326.0	333.9	324.6	338.8	326.5	384.1	400.2	413.1	386.8	366.5	342.6	359.0	-----
Calcium carbide (commercial).....do	76.5	81.8	88.3	92.8	79.2	81.7	95.3	80.9	82.5	87.9	88.4	81.4	79.0	-----
Carbon dioxide, liquid, gas, and solid†.....do	74.2	68.2	56.4	56.8	62.4	59.6	69.4	77.4	88.8	97.5	108.4	104.4	-----	-----
Chlorine, gas.....do	304.1	335.1	335.4	335.2	331.4	310.9	351.8	341.5	368.8	349.5	359.2	364.0	364.3	-----
Hydrochloric acid (100% HCl).....do	66.9	76.7	78.0	75.8	80.3	78.3	85.0	82.7	88.3	87.6	86.6	89.9	89.2	-----
Nitric acid (100% HNO <sub>3</sub> ).....do	223.7	254.5	258.1	244.8	240.8	241.0	267.2	268.1	261.7	233.0	233.4	241.8	261.3	-----
Oxygen (high purity)†.....mil. of cu. ft.	3,291	3,725	3,676	3,765	3,992	4,016	4,656	4,652	4,728	4,639	3,207	2,066	-----	-----
Phosphoric acid (100% P <sub>2</sub> O <sub>5</sub> ).....thous. of short tons	138.7	144.4	144.6	143.3	151.0	145.6	166.9	168.2	163.6	147.9	140.3	154.1	153.4	-----
Sodium carbonate (soda ash), synthetic (58% Na <sub>2</sub> O).....thous. of short tons	362.4	393.9	378.1	361.4	357.0	362.3	416.8	404.5	434.6	413.1	419.7	423.8	406.5	-----
Sodium bichromate and chromate.....do	9.8	9.6	9.8	9.0	9.7	8.5	9.6	10.9	10.4	10.0	10.2	9.4	-----	-----
Sodium hydroxide (100% NaOH).....do	330.3	367.8	374.0	372.8	364.4	335.6	387.2	375.9	402.2	387.9	394.7	398.7	397.5	-----
Sodium silicate (soluble silicate glass), anhydrous.....thous. of short tons	38.7	45.8	49.7	43.6	35.5	33.3	43.3	53.8	54.0	39.1	30.4	36.0	-----	-----
Sodium sulphates (anhydrous, refined; Glauber's salt; crude salt c.k.c.).....thous. of short tons	88.2	85.5	84.1	84.8	85.5	76.5	89.3	89.6	88.7	85.5	84.6	85.6	-----	-----
Sulfuric acid (100% H <sub>2</sub> SO <sub>4</sub> )†.....do	1,262.6	1,455.6	1,479.5	1,494.8	1,464.3	1,406.3	1,579.9	1,595.9	1,578.6	1,469.5	1,365.1	1,310.9	1,332.8	-----
Organic chemicals, production:														
Acetic acid (synthetic and natural), production.....thous. of lb.	53,644	54,087	57,311	49,688	58,614	47,290	57,570	48,729	57,734	57,441	58,546	58,971	-----	-----
Acetic anhydride, production.....do	90,452	89,683	79,908	92,145	90,525	79,951	86,949	90,445	89,656	88,733	92,679	93,860	-----	-----
Acetylsalicylic acid (aspirin), production.....do	1,456	1,990	1,745	1,530	1,890	1,387	1,512	1,797	1,610	1,393	1,012	1,361	-----	-----
Alcohol, ethyl:														
Production.....thous. of proof gal.	38,127	40,470	39,019	41,576	38,143	35,795	42,995	46,684	44,606	47,628	41,325	41,121	39,557	-----
Stocks, end of month, total.....do	30,754	26,569	30,672	32,562	28,593	31,671	29,645	28,947	28,625	32,747	34,848	34,110	32,269	-----
In industrial alcohol bonded warehouses.....do	27,712	23,225	27,583	29,697	26,299	28,771	27,127	26,623	25,792	29,962	-----	-----	-----	-----
In denaturing plants.....do	3,042	3,344	3,089	2,865	2,293	2,900	2,518	2,324	2,834	2,785	-----	-----	-----	-----
Used for denaturation.....do	43,741	41,875	34,173	39,333	39,112	33,474	43,267	43,112	42,943	42,944	40,003	38,661	38,348	-----
Withdrawn tax-paid.....do	725	583	581	635	692	634	714	685	753	771	708	594	714	-----
Alcohol, denatured:														
Production.....thous. of wine gal.	23,630	22,647	18,371	21,207	21,007	18,041	23,243	23,195	23,105	22,870	21,519	20,819	20,688	-----
Consumption (withdrawals).....do	24,475	22,731	19,399	22,131	21,723	18,184	23,507	22,939	21,888	21,609	22,788	21,439	21,965	-----
Stocks, end of month.....do	6,975	7,017	5,975	5,128	4,449	4,311	4,107	4,358	5,559	6,744	5,453	4,825	3,506	-----
Cresote oil, production.....thous. of gal.	8,520	11,152	8,620	9,081	6,917	7,423	10,417	7,819	8,727	9,052	6,660	5,587	-----	-----
DDT, production.....thous. of lb.	12,291	12,745	12,387	13,041	12,932	11,422	12,629	13,440	14,095	14,604	12,809	12,717	-----	-----
Ethyl acetate (85%), production.....do	9,654	8,681	9,121	7,189	6,821	6,908	10,339	5,394	8,441	9,359	7,248	7,923	-----	-----
Ethylene glycol, production.....do	89,410	99,042	85,493	90,277	97,210	87,747	94,036	91,187	94,677	94,808	91,956	96,410	-----	-----
Formaldehyde (37% HCHO), production.....do	134,494	148,011	135,867	128,716	137,067	129,545	148,461	144,117	141,493	149,652	128,515	148,129	-----	-----
Glycerin, refined, all grades:														
Production.....do	19,354	23,464	20,064	21,998	22,000	20,500	21,000	19,900	21,100	24,600	18,500	23,700	25,400	-----
Stocks, end of month.....do	40,622	40,403	40,362	42,149	42,400	44,800	43,100	39,600	36,700	38,900	35,000	34,000	32,900	-----
Methanol, production:														
Natural.....thous. of gal.	149	135	113	142	158	155	192	156	203	192	192	179	-----	-----
Synthetic.....do	20,151	21,698	21,295	22,179	22,837	20,670	19,774	18,849	21,144	21,800	22,265	22,699	-----	-----
Phthalic anhydride, production.....thous. of lb.	25,300	27,570	28,844	29,571	29,018	23,995	34,223	33,316	34,911	31,850	32,731	30,970	-----	-----

† Revised. \* Preliminary.

† Revised series (first shown in October 1959 SURVEY), reflecting change in comparison base period; monthly data for 1953-July 1958 are available upon request.

\$ Beginning with the October 1959 SURVEY, the figures include visits to Mount McKinley, Alaska and Hawaii National Park, Hawaii. Comparable data for earlier periods will be shown later. \* Includes data not shown separately. † Revisions for 1957 will be shown later; those for January-July 1958 for acetylene, carbon dioxide, and oxygen are in October 1959 SURVEY (bottom p. 8-24).

† Data (except for alcohol) are reported on basis of 100-percent content of the specified material unless otherwise indicated.



Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
Septem-ber	October	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	June	July	August	Septem-ber	October

## CHEMICALS AND ALLIED PRODUCTS—Continued

FERTILIZERS													
Consumption (10 States)§.....thous. of short tons.....	340	435	367	329	411	581	1,491	1,799	1,488	789	316	256	-----
Exports, total ♀.....short tons.....	477,045	412,294	396,415	341,862	338,184	447,716	476,844	464,114	471,229	473,002	530,043	462,443	456,690
Nitrogenous materials.....do.....	25,558	70,755	67,836	64,923	53,558	122,223	83,044	43,281	39,425	40,778	62,390	34,861	33,852
Phosphate materials.....do.....	309,136	300,839	262,518	214,930	249,661	276,337	319,450	354,754	375,558	393,906	438,590	368,917	362,969
Potash materials.....do.....	46,594	29,577	53,373	41,441	25,648	30,316	62,689	58,321	40,118	26,446	25,334	40,171	51,178
Imports, total ♀.....do.....	234,742	239,379	167,444	191,448	136,003	222,337	271,328	304,488	210,864	233,441	371,174	323,819	326,968
Nitrogenous materials, total ♀.....do.....	137,158	144,484	56,333	128,743	82,371	126,272	153,100	163,525	129,819	143,529	287,017	200,980	199,315
Nitrate of soda.....do.....	30,108	55,972	12,060	49,875	23,456	28,019	48,461	45,283	53,239	38,837	45,418	32,651	67,118
Phosphate materials.....do.....	21,610	11,110	5,394	12,942	4,003	14,243	10,987	8,642	9,864	33,270	25,985	6,122	12,989
Potash materials.....do.....	37,224	56,584	30,160	31,863	28,390	45,387	48,412	51,184	15,349	20,582	34,857	93,022	76,514
Potash deliveries.....do.....	115,781	205,581	102,269	249,613	113,247	166,899	276,146	360,096	193,210	85,226	114,563	223,688	110,579
Superphosphate and other phosphatic fertilizers (100% A.P.A.):													
Production.....short tons.....	170,431	210,373	211,183	215,867	225,616	236,354	265,920	257,522	241,899	188,788	169,247	178,067	-----
Stocks, end of month.....do.....	336,078	323,380	359,511	378,734	385,448	383,647	299,965	179,589	160,279	240,179	284,881	292,913	-----
MISCELLANEOUS PRODUCTS													
Explosives (industrial), shipments:													
Black blasting powder.....thous. of lb.....	305	269	209	208	352	205	127	316	208	124	84	141	223
High explosives.....do.....	77,177	79,494	70,349	70,643	61,215	67,404	73,523	86,657	80,427	80,696	72,245	75,282	72,049
Paints, varnish, and lacquer, factory shipments:													
Total shipments.....mil. of dol.....	145.6	141.0	123.0	108.7	125.5	120.7	150.7	170.7	173.0	175.9	166.7	158.4	156.6
Trade products.....do.....	92.1	83.1	70.1	57.3	71.2	67.7	87.7	103.0	104.1	106.5	102.9	98.4	96.4
Industrial finishes.....do.....	53.5	57.9	52.9	51.4	54.3	53.0	63.0	67.7	68.9	69.4	63.8	60.0	60.2
Sulfur (native):													
Production.....thous. of long tons.....	336	348	360	378	346	318	374	391	389	347	318	369	399
Stocks (producers'), end of month.....do.....	4,652	4,530	4,462	4,442	4,427	4,376	4,325	4,248	4,156	4,079	3,988	3,876	3,815
SYNTHETIC PLASTICS AND RESIN MATERIALS													
Production:													
Cellulose acetate and mixed ester plastics:													
Sheets, rods, and tubes.....thous. of lb.....	3,947	3,717	3,475	4,238	4,580	3,852	3,713	4,634	3,882	4,028	4,437	4,086	-----
Molding and extrusion materials.....do.....	8,215	10,035	8,542	8,432	8,810	7,954	9,049	9,432	8,121	8,292	8,012	8,690	-----
Nitrocellulose sheets, rods, and tubes.....do.....	223	271	227	161	294	290	288	317	315	304	250	238	-----
Phenolic and other tar acid resins.....do.....	39,900	46,205	43,786	44,295	44,008	41,819	47,956	44,943	46,567	46,320	39,952	45,775	-----
Polystyrene.....do.....	55,257	58,823	62,560	61,003	62,241	60,905	73,706	67,625	73,915	72,312	65,723	69,210	-----
Urea and melamine resins.....do.....	28,302	30,108	27,692	26,503	29,162	27,693	30,064	31,565	30,370	33,967	23,470	28,324	-----
Vinyl resins.....do.....	82,133	88,551	85,649	81,563	83,659	82,937	92,310	92,122	98,884	98,405	94,272	98,766	-----
Alkyd resins.....do.....	30,375	32,558	26,262	26,901	30,683	29,649	34,023	36,373	35,729	34,395	30,587	32,200	-----
Rosin modifications.....do.....	10,665	11,327	10,382	10,145	10,469	10,194	10,604	12,413	12,518	12,601	10,706	11,428	-----
Polyester resins.....do.....	8,730	12,433	9,246	10,842	11,041	10,712	14,783	15,691	14,068	13,680	11,686	11,492	-----
Polyethylene resins.....do.....	75,252	79,309	78,666	83,692	87,329	78,419	95,133	98,312	104,549	98,907	100,477	103,097	-----
Miscellaneous.....do.....	15,816	19,386	18,666	19,137	23,057	21,592	26,164	25,903	24,192	26,468	22,434	25,146	-----

## ELECTRIC POWER AND GAS

ELECTRIC POWER													
Production (utility and industrial), total.....mil. of kw.-hr.....	60,689	62,416	60,875	66,324	67,227	60,968	65,889	63,394	65,381	67,390	68,539	69,562	64,846
Electric utilities, total.....do.....	53,993	55,357	53,921	59,211	59,943	54,158	58,352	55,807	57,661	59,840	61,695	63,084	58,585
By fuels.....do.....	43,258	44,543	43,376	48,458	48,652	43,487	46,327	43,637	45,924	48,586	50,212	52,127	48,321
By waterpower.....do.....	10,735	10,814	10,545	10,753	11,292	10,671	12,025	12,170	11,737	11,254	11,482	10,957	10,264
Privately and municipally owned utilities.....do.....	43,767	44,853	43,587	48,090	48,688	43,938	47,369	45,376	46,872	49,001	50,037	51,263	47,979
Other producers (publicly owned).....do.....	10,226	10,504	10,334	11,121	11,256	10,220	10,983	10,431	10,790	10,839	11,658	11,821	10,605
Industrial establishments, total.....do.....	6,696	7,060	6,953	7,113	7,284	6,810	7,537	7,587	7,720	7,550	6,844	6,478	6,261
By fuels.....do.....	6,466	6,822	6,690	6,870	6,999	6,554	7,247	7,264	7,411	7,284	6,608	6,261	6,017
By waterpower.....do.....	230	238	263	243	285	256	290	323	309	267	236	217	245
Sales to ultimate customers, total (EEI).....do.....	49,233	48,338	47,845	50,337	52,461	51,140	51,427	50,434	50,410	52,120	52,661	53,658	53,900
Commercial and industrial:													
Small light and power.....do.....	9,366	8,699	8,364	8,564	8,810	8,647	8,549	8,429	8,673	9,433	10,114	10,611	10,700
Large light and power.....do.....	23,878	24,335	23,817	24,447	24,301	23,826	25,052	25,049	25,743	26,550	25,531	25,297	26,000
Railways and railroads.....do.....	289	300	304	372	355	339	333	307	289	282	277	363	-----
Residential or domestic.....do.....	12,943	12,462	12,898	14,420	16,363	15,741	14,848	13,907	12,975	13,008	13,681	14,190	14,580
Rural (distinct rural rates).....do.....	1,170	900	794	791	868	860	921	1,083	1,088	1,191	1,408	1,499	-----
Street and highway lighting.....do.....	448	493	526	560	563	509	497	454	424	404	415	446	-----
Other public authorities.....do.....	1,083	1,096	1,094	1,127	1,149	1,171	1,167	1,150	1,161	1,193	1,170	1,193	-----
Interdepartmental.....do.....	56	53	48	56	51	47	60	56	56	59	65	60	-----
Revenue from sales to ultimate customers (Edison Electric Institute).....mil. of dol.....	840.9	821.5	814.7	849.0	885.7	872.3	859.0	842.7	842.0	867.2	886.2	906.9	-----
GAS													
Manufactured and mixed gas (quarterly): †													
Customers, end of quarter, total ♀.....thousands.....	3,010	-----	-----	2,899	-----	-----	2,878	-----	-----	2,866	-----	-----	-----
Residential.....do.....	2,811	-----	-----	2,709	-----	-----	2,686	-----	-----	2,674	-----	-----	-----
Industrial and commercial.....do.....	197	-----	-----	188	-----	-----	191	-----	-----	189	-----	-----	-----
Sales to consumers, total ♀.....mil. of therms.....	302	-----	-----	609	-----	-----	960	-----	-----	511	-----	-----	-----
Residential.....do.....	181	-----	-----	444	-----	-----	748	-----	-----	344	-----	-----	-----
Industrial and commercial.....do.....	116	-----	-----	159	-----	-----	205	-----	-----	154	-----	-----	-----
Revenue from sales to consumers, total ♀.....mil. of dol.....	47.1	-----	-----	82.9	-----	-----	121.7	-----	-----	70.9	-----	-----	-----
Residential.....do.....	34.1	-----	-----	64.5	-----	-----	97.6	-----	-----	53.5	-----	-----	-----
Industrial and commercial.....do.....	12.7	-----	-----	17.9	-----	-----	23.4	-----	-----	16.7	-----	-----	-----

† Revised. ‡ Preliminary. § Beginning 1959 includes protective coatings; earlier data (which exclude such coatings) are not comparable.

§ States represented are: North Carolina, South Carolina, Georgia, Florida, Alabama, Tennessee, Arkansas, Louisiana, Texas, Oklahoma. According to quarterly reports from Virginia, consumption in that State is as follows: (thous. short tons): 1958—July–September, 76; October–December, 84; 1959—January–March, 316; April–June, 303; July–September, 69.

¶ Includes data not shown separately.

‡ Revisions for 1st and 2d quarters of 1958 are available upon request.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>ELECTRIC POWER AND GAS—Continued</b>														
<b>GAS—Continued</b>														
Natural gas (quarterly): <sup>2</sup>														
Customers, end of quarter, total..... thousands.....	27,859			28,722			28,950			28,185				
Residential..... do.....	25,687			26,394			26,625			26,557				
Industrial and commercial..... do.....	2,138			2,293			2,289			2,223				
Sales to consumers, total..... mil. of therms.....	14,501			20,385			27,604			19,984				
Residential..... do.....	2,280			6,611			12,966			5,626				
Industrial and commercial..... do.....	11,385			12,630			13,543			13,254				
Revenue from sales to consumers, total..... mil. of dol.....	672.1			1,110.8			1,687.1			1,053.8				
Residential..... do.....	281.3			612.5			1,093.1			549.4				
Industrial and commercial..... do.....	368.3			463.6			559.4			472.4				

**FOOD AND KINDRED PRODUCTS; TOBACCO**

<b>ALCOHOLIC BEVERAGES</b>														
<b>Beer:</b>														
Production..... thous. of bbl.....	7,227	6,824	5,810	6,834	6,353	5,894	7,702	8,679	8,672	9,586	9,648	8,689	8,115	
Taxable withdrawals..... do.....	7,185	6,893	5,852	6,651	5,565	5,346	6,717	7,510	7,969	8,823	9,307	8,602	8,063	
Stocks, end of month..... do.....	10,066	9,586	9,212	9,005	9,437	9,631	10,161	10,842	11,069	11,314	11,116	10,698	10,261	
<b>Distilled spirits (total):</b>														
Production..... thous. of tax gal.....	24,794	39,878	25,054	24,177	21,966	20,431	22,076	23,407	21,961	19,264	11,235	15,624	29,214	
Consumption, apparent, for beverage purposes..... thous. of wine gal.....	16,562	21,547	21,259	25,806	15,134	15,328	18,674	17,153	18,175	18,634	17,259			
Taxable withdrawals..... thous. of tax gal.....	13,809	19,727	15,870	10,175	11,043	11,545	12,978	13,354	13,972	12,817	12,909	15,085	15,946	
Stocks, end of month..... do.....	845,026	843,626	844,385	854,946	861,884	866,203	872,725	878,849	884,492	888,850	884,237	881,152	879,755	
Imports..... thous. of proof gal.....	2,947	3,392	4,277	3,280	1,801	1,851	2,330	2,548	2,669	2,517	2,377	2,750	3,613	
<b>Whisky:</b>														
Production..... thous. of tax gal.....	9,172	15,188	14,220	16,343	14,441	13,994	14,468	15,509	14,532	12,131	6,747	7,193	9,854	
Taxable withdrawals..... do.....	7,062	10,374	8,699	5,347	5,901	6,311	6,635	6,311	6,599	5,967	5,720	7,676	7,715	
Stocks, end of month..... do.....	741,769	742,531	744,602	753,073	759,106	763,704	768,349	774,235	779,245	782,853	781,225	777,675	776,868	
Imports..... thous. of proof gal.....	2,587	3,010	3,875	2,898	1,568	1,680	2,054	2,280	2,359	2,236	2,112	2,449	3,173	
<b>Rectified spirits and wines, production, total<sup>2</sup></b>														
Whisky..... thous. of proof gal.....	6,865	10,892	8,849	5,776	5,141	6,144	6,304	6,379	6,803	6,444	5,979	6,755	8,377	
Wines and distilling materials..... do.....	5,429	9,069	7,480	4,536	3,939	5,013	5,046	5,069	5,316	4,972	4,703	5,173	6,646	
<b>Effervescent wines:</b>														
Production..... thous. of wine gal.....	113	201	185	268	224	321	381	295	301	349	305	285	229	
Taxable withdrawals..... do.....	212	306	353	389	197	149	189	177	216	268	167	204	275	
Stocks, end of month..... do.....	2,124	1,986	1,795	1,635	1,645	1,797	1,974	2,069	2,138	2,188	2,308	2,326	2,296	
Imports..... do.....	58	99	131	123	37	43	50	56	68	62	46	52	96	
<b>Still wines:</b>														
Production..... do.....	47,258	78,613	15,228	6,111	2,384	2,392	2,987	2,895	1,766	1,601	1,410	6,243	57,452	
Taxable withdrawals..... do.....	12,668	13,945	12,631	13,487	11,349	11,173	13,334	11,870	10,921	11,284	9,671	10,406	12,287	
Stocks, end of month..... do.....	145,133	209,363	212,516	200,303	190,040	177,318	169,404	157,280	149,563	138,082	126,029	117,477	167,740	
Imports..... do.....	677	827	979	946	522	522	703	668	889	696	552	690	981	
Distilling materials produced at wineries..... do.....	115,851	154,877	35,661	13,353	3,111	1,579	2,537	2,531	4,474	2,880	2,185	21,677	122,953	
<b>DAIRY PRODUCTS</b>														
<b>Butter, creamery:</b>														
Production (factory) <sup>1</sup> ..... thous. of lb.....	86,929	92,520	89,991	107,237	116,300	108,190	121,395	126,845	143,390	135,605	112,485	90,890	82,555	
Stocks, cold storage, end of month..... do.....	145,671	119,703	93,347	69,295	63,708	64,033	63,294	82,278	104,138	138,224	148,060	131,988	93,012	67,801
Price, wholesale, 92-score (New York)..... dol. per lb.....	.613	.598	.594	.613	.588	.589	.588	.588	.587	.588	.593	.609	.637	.633
<b>Cheese:</b>														
Production (factory), total <sup>1</sup> ..... thous. of lb.....	103,465	101,266	93,380	99,867	100,495	96,570	116,720	128,225	153,335	150,075	129,355	113,440	103,170	
American, whole milk <sup>1</sup> ..... do.....	71,126	66,281	59,551	61,971	65,690	64,155	78,055	90,750	114,410	112,310	94,085	81,350	69,950	
Stocks, cold storage, end of month, total..... do.....	350,449	327,843	302,999	293,189	269,469	260,100	257,271	283,189	310,107	347,725	371,620	375,833	369,862	345,926
American, whole milk..... do.....	304,842	282,444	256,405	249,042	235,988	227,830	226,083	248,748	272,216	307,301	330,626	334,261	327,261	305,873
Imports..... do.....	4,197	5,755	6,277	6,648	5,320	4,853	5,649	4,879	4,268	5,148	3,906	3,614	6,724	
Price, wholesale, American, single daisies (Chicago)..... dol. per lb.....	.390	.391	.390	.384	.381	.382	.382	.380	.380	.380	.380	.382	.385	.388
<b>Condensed and evaporated milk:</b>														
Production, case goods: <sup>1</sup>														
Condensed (sweetened)..... thous. of lb.....	5,128	4,344	3,862	4,186	4,220	4,880	5,230	5,310	5,725	6,100	6,160	5,430	4,925	
Evaporated (unsweetened)..... do.....	184,702	161,624	131,902	138,605	143,500	140,900	182,600	208,200	272,400	269,600	235,200	216,200	184,800	
Stocks, manufacturers', case goods, end of month:														
Condensed (sweetened)..... thous. of lb.....	7,440	5,956	5,604	4,537	3,936	3,791	5,087	4,859	5,741	6,444	5,715	5,666	6,913	
Evaporated (unsweetened)..... do.....	387,966	353,048	274,851	190,141	135,833	92,420	83,814	106,198	193,121	288,979	333,008	375,249	383,959	
Exports:														
Condensed (sweetened)..... do.....	3,112	2,922	3,962	2,985	2,691	3,127	2,708	3,854	3,486	2,653	5,002	3,563	2,015	
Evaporated (unsweetened)..... do.....	4,358	8,568	29,793	19,853	5,057	2,083	5,131	4,362	4,524	5,983	17,063	10,669	9,259	
Price, manufacturers' average selling:														
Evaporated (unsweetened)..... dol. per case.....	6.15	6.14	6.14	6.15	6.16	6.17	6.17	6.17	6.15	6.16	6.15	6.18	6.18	
<b>Fluid milk:</b>														
Production on farms..... mil. of lb.....	9,492	9,455	8,889	9,371	9,754	9,344	10,667	11,171	12,595	12,152	12,224	10,335	9,413	9,453
Utilization in manufactured dairy products <sup>1</sup> ..... do.....	3,264	3,307	3,099	3,527	3,741	3,527	4,092	4,372	5,108	4,913	3,148	3,504	3,168	
Price, wholesale, U.S. average..... dol. per 100 lb.....	4.32	4.46	4.49	4.44	4.34	4.22	4.06	3.89	3.75	3.70	3.90	4.09	4.36	4.49
<b>Dry milk:</b>														
Production: <sup>1</sup>														
Dry whole milk..... thous. of lb.....	7,990	8,480	6,956	6,815	8,300	7,400	8,150	7,750	8,800	8,900	7,100	6,600	7,400	
Nonfat dry milk (human food)..... do.....	90,587	99,159	102,444	120,263	138,250	132,450	157,400	178,200	211,200	200,000	150,400	117,500	96,200	
Stocks, manufacturers', end of month:														
Dry whole milk..... do.....	9,515	9,273	7,282	6,211	6,390	6,203	6,025	6,235	6,864	7,055	7,490	7,282	4,916	
Nonfat dry milk (human food)..... do.....	95,315	82,383	79,744	87,113	87,475	86,400	78,807	88,636	125,248	144,015	132,496	114,533	98,665	
Exports:														
Dry whole milk..... do.....	9,024	2,340	3,798	1,875	3,961	1,577	1,812	1,779	1,535	2,203	2,560	1,393	2,798	
Nonfat dry milk (human food)..... do.....	7,551	10,698	10,822	32,366	12,524	6,931	13,743	19,885	53,505	21,920	35,105	29,524	30,972	
Price, manufacturers' average selling, nonfat dry milk (human food)..... dol. per lb.....	.136	.136	.136	.136	.136	.136	.136	.136	.135	.135	.136	.135	.136	

<sup>2</sup> Revised. <sup>3</sup> Preliminary. <sup>1</sup> Data for Alaska, included beginning January 1959, are as follows (thous. of wine gallons): January-July-30; 26; 32; 49; 45; 51; 40.

<sup>2</sup> Totals include data not shown separately. Revisions for 1st and 2d quarters of 1958 (back to 1952 for total sales and total revenue) are available upon request.

<sup>3</sup> Data beginning July 1958 exclude production of wines and vermouth; for July 1957-June 1958, such production totaled 112,000 gal.

<sup>4</sup> Revisions for the indicated items and for the periods specified are available upon request as follows: Butter and cheese (total and American)—January 1957-July 1958; condensed and evaporated milk—January-July 1958; dry whole milk—January 1952-December 1955 and January-July 1958; nonfat dry milk—January 1

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>FOOD AND KINDRED PRODUCTS; TOBACCO—Continued</b>														
<b>FRUITS AND VEGETABLES</b>														
Apples:														
Production (crop estimate).....thous. of bu.				126,610										2117,727
Shipments, carlot.....No. of carloads				2,494	2,136	1,997	2,225	2,249	1,545	893	583	187	315	1,420
Stocks, cold storage, end of month.....thous. of bu.	16,401	54,123	47,409	37,547	27,955	20,912	14,244	7,876	3,893	1,577	306	307	14,300	47,562
Citrus fruits, carlot shipments.....No. of carloads	2,696	2,263	4,112	9,065	7,809	7,016	8,285	8,846	8,592	7,037	6,037	5,203	3,715	3,311
Frozen fruits, juices, and vegetables:														
Stocks, cold storage, end of month:														
Fruits.....thous. of lb.	539,084	530,821	511,597	493,172	458,198	404,354	361,374	305,726	286,046	362,245	498,221	533,934	521,708	499,175
Fruit juices and purees.....do.	292,215	245,039	206,758	222,711	297,741	396,238	418,899	487,091	595,481	633,096	573,275	517,051	446,617	392,749
Vegetables.....do.	860,752	904,594	899,570	846,853	761,248	687,121	647,899	637,920	593,334	623,129	730,596	871,747	925,030	938,479
Potatoes, white:														
Production (crop, estimate).....thous. of cwt.				1265,729										2242,172
Shipments, carlot.....No. of carloads	9,085	10,368	10,100	12,271	15,333	14,383	17,297	17,155	16,437	16,426	8,938	7,124	9,219	9,810
Price, wholesale, U.S. No. 1 (New York).....dol. per 100 lb.	3.125	2.863	3.225	2.888	2.925	3.130	2.783	4.219	5.000	5.450	4.090	3.635	3.150	
<b>GRAIN AND GRAIN PRODUCTS</b>														
Exports (barley, corn, oats, rye, wheat).....thous. of bu.	60,046	63,597	61,601	69,439	73,190	58,932	64,140	62,830	72,163	70,769	82,792	65,228	63,717	
Barley:														
Production (crop estimate).....do.				1470,449										2408,442
Receipts, 4 principal markets.....do.	19,824	17,430	10,746	13,606	14,238	12,378	12,673	12,585	11,430	13,731	21,156	32,227	18,110	14,977
Stocks, domestic, end of month:														
Commercial.....do.	44,270	48,520	47,924	46,918	47,149	47,639	43,524	39,222	35,645	35,140	34,988	39,474	40,896	38,181
On farms.....do.	306,800			225,368			151,372			64,227			251,656	
Exports, including malts.....do.	10,678	9,622	7,135	12,912	11,492	5,994	7,715	6,918	4,474	12,077	14,368	14,782	11,821	
Prices, wholesale (Minneapolis):														
No. 2, malting.....dol. per bu.	1.182	1.182	1.172	1.190	1.169	1.214	1.180	1.228	1.235	1.207	1.165	1.167	1.174	1.172
No. 3, straight.....do.	1.137	1.145	1.132	1.163	1.139	1.175	1.139	1.183	1.197	1.155	1.160	1.120	1.094	1.108
Corn:														
Production (crop estimate).....mil. of bu.				13,800										24,402
Grindings, wet process.....thous. of bu.	12,333	13,802	11,531	11,539	11,742	11,759	12,547	12,751	12,724	13,545	12,685	13,863	13,575	13,452
Receipts, interior primary markets.....do.	27,006	33,229	47,306	29,600	28,388	33,166	36,402	42,520	28,388	34,702	24,226	21,592	21,592	26,830
Stocks, domestic, end of month:														
Commercial.....do.	88,563	90,153	109,234	100,026	97,973	105,231	109,792	120,285	121,421	116,813	104,622	101,876	102,718	107,236
On farms.....do.	344.2			2,696.0			1,815.9			1,115.4			320.6	
Exports, including meal and flour.....thous. of bu.	17,052	15,698	20,564	19,277	16,444	16,721	13,597	16,679	21,452	19,737	22,339	15,094	15,835	
Prices, wholesale:														
No. 3, yellow (Chicago).....dol. per bu.	1.266	1.149	1.117	1.167	1.171	1.179	1.207	1.283	1.290	1.289	1.265	1.272	1.163	1.097
Weighted average, 5 markets, all grades.....do.	1.115	1.068	1.074	1.096	1.098	1.101	1.130	1.218	1.225	1.246	1.222	1.203	1.116	1.071
Oats:														
Production (crop estimate).....mil. of bu.				11,422										21,075
Receipts, interior primary markets.....thous. of bu.	12,292	5,162	3,672	7,381	9,140	5,741	7,206	6,474	9,140	9,348	19,975	18,379	8,159	5,881
Stocks, domestic, end of month:														
Commercial.....do.	38,519	33,943	28,297	25,672	23,013	22,183	20,154	19,659	17,298	14,365	21,754	29,246	31,054	26,127
On farms.....do.	1,202,549			952,566			587,576			299,724			898,819	
Exports, including oatmeal.....do.	866	1,830	2,100	3,122	4,040	3,328	2,218	2,200	2,345	4,412	9,330	4,845	2,495	
Price, wholesale, No. 3, white (Chicago).....dol. per bu.	.621	.612	(5)	.698	.699	.676	.676	.700	.694	.700	.701	.704	.686	.740
Rice:														
Production (crop estimate).....thous. of bags				147,015										253,111
California:														
Receipts, domestic, rough.....thous. of lb.	125,914	168,809	92,469	92,062	133,123	90,282	115,677	110,076	96,452	93,618	127,557	48,000	29,510	
Shipments from mills, milled rice.....do.	105,497	57,019	45,755	54,010	60,326	92,837	77,788	68,975	50,709	62,920	74,501	42,687	37,521	
Stocks, rough and cleaned (cleaned basis), end of month.....thous. of lb.	28,329	73,452	78,735	74,871	93,683	55,408	53,447	51,417	57,281	53,396	55,578	45,664	26,875	
Southern States (Ark., La., Tenn., Tex.):														
Receipts, rough, at mills.....do.	641,449	1,075,108	312,735	196,864	135,098	68,465	98,036	29,009	36,041	61,418	34,322	250,976	1,168,507	
Shipments from mills, milled rice.....do.	120,794	163,518	120,766	113,685	131,856	141,994	119,870	170,607	156,838	209,588	140,284	150,912	219,857	
Stocks, domestic, rough and cleaned (cleaned basis), end of month.....mil. of lb.	535.1	1,115.2	1,172.1	1,182.3	1,137.1	1,038.0	867.0	723.8	617.1	488.9	592.2	365.8	891.1	
Exports.....thous. of lb.	133,979	135,699	69,316	55,606	69,613	55,341	131,368	91,533	137,551	175,264	142,268	204,780	90,401	
Price, wholesale, head, clean (N.O.).....dol. per lb.	.091	.093	.091	.093	.094	.093	.091	.089	.089	.093	.091	.089	.081	
Rye:														
Production (crop estimate).....thous. of bu.				32,485										220,996
Receipts, interior primary markets.....do.	1,095	843	408	420	1,042	830	1,001	557	1,042	594	2,758	4,017	1,441	821
Stocks, commercial, domestic, end of month.....do.	6,284	6,277	5,495	4,973	4,271	3,680	3,374	3,122	2,093	2,820	4,979	7,613	8,702	8,211
Price, wholesale, No. 2 (Minneapolis).....dol. per bu.	1.253	1.262	1.231	1.230	1.274	1.289	1.311	1.303	1.250	1.260	1.242	1.261	1.256	1.264
Wheat:														
Production (crop estimate), total.....mil. of bu.				11,462.2										21,117.4
Spring wheat.....do.				282.3										2208.1
Winter wheat.....do.				11,179.9										2909.3
Receipts, interior primary markets.....thous. of bu.	56,821	36,172	28,747	29,394	31,988	30,387	37,079	20,453	31,988	51,078	86,660	51,258	40,170	25,251
Disappearance (quarterly total).....do.	203,260			322,743			282,282			263,778			271,795	
Stocks, end of month:														
Canada (Canadian wheat).....do.	381,512	372,660	371,059	379,269	380,133	375,434	374,184	376,435	359,558	368,623	406,382	398,930	384,031	
United States, domestic, total.....mil. of bu.	2,141.1			1,820.2			1,540.7			1,278.6			2,124.8	
Commercial (at terminal cities).....thous. of bu.	472,590	475,989	456,812	422,047	429,989	433,776	419,579	432,427	418,706	391,378	539,068	556,360	526,717	540,146
Interior mills (incl. merchant), elevators, and warehouses.....thous. of bu.	940,838			854,305			761,126			691,241			1,073,809	
On farms.....do.	643,900			456,581			282,989			114,908			447,305	
Exports, total, including flour.....do.	30,489	36,152	31,092	34,038	40,911	31,727	40,391	36,968	43,607	34,408	36,322	29,917		33,099
Wheat only.....do.	26,387	29,587	25,927	28,744	35,427	28,410	36,851	31,521	36,826	26,762	33,439	25,634		27,627
Prices, wholesale:														
No. 1, dark northern spring (Minneapolis).....dol. per bu.	2.218	2.266	2.250	2.235	2.205	2.227	2.211	2.215	2.282	2.310	2.295	2.241	2.243	2.293
No. 2, hard winter (Kansas City).....do.	1.951	1.974	1.999	1.984	1.998	2.028	2.067	2.090	2.030	1.916	1.936	1.993	2.013	2.048
No. 2, red winter (St. Louis).....do.	1.819	1.923	1.930	1.948	2.037	2.041	2.018	1.904	1.885	1.773	1.801	1.867	1.881	1.858
Weighted avg., 6 markets, all grades.....do.	2.174	2.213	2.220	2.208	2.187	2.162	2.195	2.191	2.212	2.122	2.087	2.248	2.246	2.281

<sup>1</sup> Revised. <sup>2</sup> Preliminary. <sup>3</sup> December 1 estimate of 1958 crop. <sup>4</sup> November 1 estimate of 1959 crop.

<sup>5</sup> Old crop only; new grain not reported until beginning of new crop year (July for barley, oats, and wheat; October for corn). <sup>6</sup> Data beginning January 1959 are on standard 17-percent moisture basis; prior thereto, on basis of varying moisture content (from 12 to 25 percent). <sup>7</sup> January 1959 figure comparable with earlier data is 11,885,000 bushels. <sup>8</sup> No quotation.

<sup>9</sup> Excludes a small amount of pearl barley. <sup>10</sup> Bags of 100 lb.

<sup>11</sup> The total includes wheat owned by Commodity Credit Corporation and stored off farms in its own steel and wooden bins; such data are not included in the breakdown of stocks.

<sup>12</sup> Data for March, June, September, and December are not strictly comparable with those for other months, largely because of somewhat smaller coverage of the quarterly reports.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>FOOD AND KINDRED PRODUCTS; TOBACCO—Continued</b>														
<b>GRAIN AND GRAIN PRODUCTS—Continued</b>														
Wheat flour:														
Production:														
Flour.....thous. of sacks (100 lb.)...	21,504	23,385	20,191	21,072	21,584	18,861	20,595	19,454	20,272	20,187	19,944	20,514	21,371	-----
Operations, percent of capacity.....	93.2	92.5	96.7	87.0	93.3	85.6	84.8	80.0	87.4	82.7	78.1	88.1	91.5	-----
Offal.....thous. of short tons.....	402	435	375	390	400	351	382	360	375	376	374	390	409	-----
Grindings of wheat.....thous. of bu.....	48,875	53,084	45,825	47,950	48,959	42,884	46,720	44,113	45,953	46,056	45,445	46,869	48,945	-----
Stocks held by mills, end of quarter.....thous. of sacks (100 lb.)...	4,374	-----	-----	4,349	-----	-----	4,519	-----	-----	4,389	-----	4,757	-----	-----
Exports.....do.....	1,784	2,854	2,245	2,302	2,384	1,442	1,539	2,368	2,948	3,324	1,253	1,862	2,379	-----
Prices, wholesale:														
Spring, short patents (Minneapolis).....dol. per sack (100 lb.)...	5.870	5.830	5.760	5.580	5.430	5.450	5.450	5.420	5.630	5.690	5.730	5.550	5.495	-----
Winter, hard, short patents (Kansas City).....do.....	5.230	5.465	5.400	5.125	4.850	5.025	4.975	5.005	5.185	4.975	5.065	5.070	5.095	-----
<b>LIVESTOCK</b>														
Cattle and calves:														
Slaughter (federally inspected):														
Calves.....thous. of animals.....	471	541	441	474	424	377	423	406	358	366	382	359	415	471
Cattle.....do.....	1,561	1,647	1,302	1,437	1,441	1,219	1,334	1,433	1,412	1,473	1,557	1,450	1,539	1,586
Receipts, principal markets.....do.....	2,440	2,670	1,907	1,793	1,751	1,416	1,753	1,759	1,633	1,793	1,699	1,855	2,197	-----
Shipments, feeder, to 9 corn-belt States.....do.....	815	1,273	897	352	386	291	344	477	349	295	329	444	862	-----
Prices, wholesale:														
Beef steers (Chicago).....dol. per 100 lb.....	26.65	26.70	26.79	27.01	27.81	27.44	28.22	29.32	28.82	28.15	27.61	27.36	27.48	27.06
Steers, stocker and feeder (Kansas City).....do.....	25.47	25.80	26.46	25.81	26.10	25.97	27.78	28.63	28.69	27.24	26.47	25.96	25.38	24.41
Calves, vealers (Chicago).....do.....	32.00	32.00	33.50	32.50	36.50	36.00	33.00	35.00	35.00	30.50	28.50	30.00	29.50	-----
Hogs:														
Slaughter (federally inspected).....thous. of animals.....	5,219	5,911	5,258	5,814	5,885	5,686	5,733	5,652	4,970	4,902	5,184	4,977	5,767	6,646
Receipts, principal markets.....do.....	2,633	2,897	2,509	3,015	2,993	2,751	2,900	2,899	2,551	2,635	2,623	2,539	2,881	-----
Prices:														
Wholesale, average, all grades (Chicago).....dol. per 100 lb.....	20.04	18.76	18.06	17.42	16.25	15.32	15.72	15.77	15.59	14.94	13.02	13.56	13.20	12.60
Hog-corn price ratio.....	17.6	17.8	19.0	17.2	16.1	14.8	14.5	13.8	13.5	12.9	11.8	12.4	12.3	12.7
bu. of corn equal in value to 100 lb. of live hog.....	17.6	17.8	19.0	17.2	16.1	14.8	14.5	13.8	13.5	12.9	11.8	12.4	12.3	12.7
Sheep and lambs:														
Slaughter (federally inspected).....thous. of animals.....	1,045	1,131	883	1,061	1,322	1,080	1,143	1,101	1,017	1,056	1,107	1,010	1,177	1,200
Receipts, principal markets.....do.....	1,357	1,273	817	937	1,128	875	1,009	1,005	962	936	912	1,061	1,474	-----
Shipments, feeder, to 9 corn-belt States.....do.....	565	636	222	121	163	153	120	156	192	168	220	431	560	-----
Prices, wholesale:														
Lambs, average (Chicago).....dol. per 100 lb.....	22.00	22.25	21.88	19.75	18.62	18.62	21.25	21.50	24.75	25.25	22.50	22.00	20.62	19.75
Lambs, feeder, good and choice (Omaha).....do.....	22.78	23.03	22.56	20.88	19.75	19.71	19.55	19.88	20.28	20.62	19.46	19.50	19.08	18.80
<b>MEATS</b>														
Total meats:														
Production (carcass weight, leaf lard out), inspected slaughter.....mil. of lb.....	1,914	2,125	1,832	2,048	2,084	1,862	1,950	2,013	1,890	1,916	1,991	1,840	2,038	-----
Stocks (excluding lard), cold storage, end of month.....mil. of lb.....	317	346	419	462	499	582	602	660	647	582	513	432	408	421
Exports (including lard).....do.....	47	65	67	49	68	78	66	63	73	72	87	75	64	-----
Imports (excluding lard).....do.....	83	74	71	85	80	66	64	94	84	101	87	88	108	-----
Beef and veal:														
Production, inspected slaughter.....thous. of lb.....	948.8	1,019.2	816.4	919.7	929.7	783.1	855.4	912.3	898.2	926.9	975.7	902.7	962.3	-----
Stocks, cold storage, end of month.....thous. of lb.....	132,938	149,210	171,633	189,655	189,467	186,850	184,641	184,291	184,571	177,562	172,748	170,816	178,606	172,762
Exports.....do.....	2,514	3,027	2,161	2,619	1,919	1,470	1,850	2,039	2,283	1,759	2,124	2,190	2,729	-----
Imports.....do.....	46,679	41,019	38,181	43,764	42,574	38,945	28,767	52,579	43,688	56,785	58,401	70,218	88,618	-----
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (New York).....dol. per lb.....	.456	.455	.452	.462	.481	.482	.485	.494	.491	.480	.469	.461	.473	.461
Lamb and mutton:														
Production, inspected slaughter.....thous. of lb.....	47,691	51,785	41,780	51,927	66,846	55,104	57,520	54,888	48,144	48,010	50,008	45,719	54,344	-----
Stocks, cold storage, end of month.....do.....	9,927	9,913	9,280	9,189	10,118	11,053	10,991	13,478	15,730	16,614	17,374	14,605	-----	-----
Pork (including lard), production, inspected slaughter.....mil. of lb.....	917.4	1,054.4	973.7	1,076.2	1,087.0	1,023.5	1,036.6	1,046.2	944.0	941.3	965.4	892.0	1,021.6	-----
Pork (excluding lard):														
Production, inspected slaughter.....thous. of lb.....	698,914	793,024	730,133	800,301	812,884	771,769	775,119	781,917	698,326	701,039	713,515	670,330	773,253	-----
Stocks, cold storage, end of month.....do.....	127,088	134,361	184,438	206,414	240,489	319,951	337,120	380,997	365,360	313,141	248,352	183,745	163,447	184,366
Exports.....do.....	3,627	5,134	5,789	4,831	4,976	7,500	4,824	4,431	5,709	4,801	5,788	6,825	6,546	-----
Imports.....do.....	13,837	15,989	16,931	18,918	18,404	12,900	16,538	18,829	15,689	15,705	15,678	11,885	12,101	-----
Prices, wholesale:														
Hams, smoked, composite.....dol. per lb.....	.536	.521	.543	.571	.539	.500	.506	.496	.496	.490	.464	.450	.453	-----
Fresh loins, 8-12 lb. average (New York).....do.....	.548	.521	.497	.478	.480	.430	.422	.453	.463	.496	.457	.446	.480	.460
Lard:														
Production, inspected slaughter.....thous. of lb.....	159,979	190,814	177,557	201,269	200,784	183,679	191,489	193,530	179,111	175,734	183,991	161,921	181,780	-----
Stocks, dry and cold storage, end of month.....do.....	45,774	54,166	67,938	95,000	109,100	117,900	132,200	146,900	158,200	147,800	135,600	100,300	93,000	-----
Exports.....do.....	25,177	39,322	40,352	26,129	42,149	56,521	41,910	41,248	45,163	46,840	58,365	39,535	57,279	-----
Price, wholesale, refined (Chicago).....dol. per lb.....	.155	.158	.145	.128	.124	.121	.120	.123	.120	.120	.113	.108	.118	-----
<b>POULTRY AND EGGS</b>														
Poultry:														
Slaughter (commercial production).....mil. of lb.....	602	689	604	521	402	346	393	432	497	482	475	545	600	-----
Stocks, cold storage (frozen), end of month.....thous. of lb.....	278,649	408,089	377,235	346,603	331,835	293,562	250,298	215,310	199,037	196,847	196,438	226,474	277,086	378,003
Turkeys.....do.....	160,808	254,849	207,845	162,055	160,476	140,510	112,252	86,699	67,688	64,816	66,885	87,115	133,501	216,271
Price, in Georgia producing area, live broilers.....dol. per lb.....	.155	.152	.150	.141	.175	.165	.170	.155	.152	.150	.150	.145	.148	.142
Eggs:														
Production on farms.....mil. of cases.....	12.5	13.4	13.7	14.6	14.9	14.1	16.5	16.1	15.9	14.3	13.7	13.1	12.6	13.3
Stocks, cold storage, end of month:														
Shell.....thous. of cases.....	290	207	140	53	57	52	107	532	1,004	1,054	888	739	554	465
Frozen.....thous. of lb.....	116,645	93,687	73,403	57,082	47,085	45,701	55,015	85,119	119,273	149,175	152,105	149,086	134,786	119,910
Price, wholesale, extras, large (delivered; Chicago).....dol. per doz.....	.463	.423	.406	.365	.356	.343	.315	.263	.245	.275	.291	.312	.407	.342
<b>MISCELLANEOUS FOOD PRODUCTS</b>														
Cocoa (cacao) beans:														
Imports (incl. shells).....long tons.....	6,325	7,821	8,439	41,190	22,271	15,357	19,202	20,215	20,885	18,668	12,593	12,710	18,614	-----
Price, wholesale, Accra (New York).....dol. per lb.....	.427	.374	.438	.410	.368	.358	.378	.368	.378	.381	.358	.370	.382	-----

\* Revised. \* Preliminary. † Beginning January 1959, quotations are for 100 pounds of flour in bulk rather than in sacks as formerly. January 1959 prices comparable with earlier data: \$5.710 per 100-pound sack for spring wheat flour (Minneapolis) and \$5.100 for winter (Kansas City). ‡ Beginning January 1959, data reflect prices at National Stockyards, Ill.; not comparable with data through December 1958 (January 1959 price at Chicago, \$33.00). § Cases of 30 dozen.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
September	October	November	December	January	February	March	April	May	June	July	August	September	October

### FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

<b>MISCELLANEOUS FOOD PRODUCTS—Con.</b>													
Coffee (green):													
Inventories (roasters', importers', dealers'), end of quarter.....thous. of bags <sup>2</sup> .....	1,826			2,114									3,125
Roastings (green weight), quarterly total.....do.....	4,900			5,570									5,204
Imports.....do.....	1,478	2,052	1,886	2,030	1,588	2,279	2,252	1,781	1,840	1,508	1,253	2,159	3,044
From Brazil.....do.....	585	773	853	877	514	959	1,119	725	827	614	469	1,275	1,615
Price, wholesale, Santos, No. 4 (New York).....dol. per lb.....	.450	.441	.445	.423	.415	.410	.378	.378	.376	.365	.378	.365	.360
Confectionery, manufacturers' sales.....thous. of dol.....	125,901	126,797	114,362	102,278	108,520	104,287	96,185	88,415	74,019	72,139	66,868	73,003	130,725
Fish:													
Stocks, cold storage, end of month.....thous. of lb.....	199,656	210,531	217,556	214,516	187,786	153,778	141,027	142,584	161,252	176,594	200,907	230,052	
Sugar:													
Cuban stocks, raw, end of month.....thous. of Spanish tons.....	1,506	1,257	873	654	667	1,452	2,776	4,106	4,391	4,076	3,350	2,821	2,247
United States:													
Deliveries and supply (raw basis):													
Production and receipts:													
Production.....short tons.....	104,377	647,374	825,682	588,066	186,671	73,025	42,367	45,312	44,259	47,436	27,778	79,589	
Entries from off-shore, total <sup>2</sup> .....do.....	593,578	402,904	297,890	184,445	593,251	438,836	596,387	612,751	637,787	736,911	714,619	618,316	807,704
Hawaii and Puerto Rico.....do.....	229,523	135,314	120,859	68,761	77,556	141,154	152,535	171,633	136,094	240,470	197,555	181,940	243,097
Deliveries, total.....do.....	876,505	786,725	624,045	849,564	572,154	547,786	717,767	733,510	975,454	781,190	897,874	919,941	
For domestic consumption.....do.....	868,846	778,259			565,056	542,834	712,198	723,503	968,782	774,670	886,772	909,235	
For export.....do.....	7,659	8,466			7,098	4,952	5,569	10,007	6,672	6,520	11,102	10,706	
Stocks, raw and refined, end of month.....thous. of short tons.....	691	1,040	1,695	1,873	1,916	1,912	1,828	1,755	1,463	1,469	1,282	1,078	
Exports.....short tons.....	362	623	4,121	468	519	492	507	981	371	548	620	399	336
Imports:													
Raw sugar, total <sup>2</sup> .....do.....	349,935	260,611	258,853	291,391	292,962	297,859	387,484	383,165	416,193	404,287	425,156	414,243	440,431
From Cuba.....do.....	270,048	191,899	194,854	222,777	186,624	169,797	250,080	313,744	327,645	307,760	309,828	278,112	284,275
From Philippine Islands.....do.....	53,200	59,025	37,039	2,965	54,467	70,835	111,170	69,399	88,495	96,525	115,329	125,158	130,500
Refined sugar, total.....do.....	38,805	26,284	15,143	3,047	31,364	45,686	50,361	55,477	61,197	77,860	99,534	23,212	16,203
From Cuba.....do.....	29,135	18,884	3,936	1,050	23,049	37,552	42,586	44,502	51,487	68,113	88,733	5,099	4,839
Prices (New York):													
Raw, wholesale.....dol. per lb.....	.064	.065	.063	.065	.062	.060	.058	.057	.063	.063	.063	.063	.065
Refined:													
Retail.....dol. per 5 lb.....	.552	.553	.552	.553	.553	.539	.552	.551	.549	.553	.554	.550	.556
Wholesale (excl. excise tax).....dol. per lb.....	.086	.086	.086	.086	.086	.085	.085	.083	.083	.086	.086	.086	.086
Tea, imports.....thous. of lb.....	7,278	8,546	8,555	11,121	8,498	8,635	9,057	10,949	10,071	8,983	9,696	8,228	7,264
Baking or frying fats (incl. shortening):*													
Production.....mil. of lb.....				173.1	187.3	198.0	197.0	189.4	185.9	183.5	147.2	186.8	186.9
Stocks (producers' and warehouse), end of month.....mil. of lb.....				131.7	113.3	119.3	123.4	136.4	140.7	142.5	116.7	114.6	106.1
Salad or cooking oils:*													
Production.....do.....				153.5	140.9	137.7	157.3	158.5	164.3	186.0	155.2	147.6	128.8
Stocks (producers' and warehouse), end of month.....mil. of lb.....				55.6	60.5	74.0	68.1	66.6	58.5	51.6	48.7	40.3	40.9
Margarine:													
Production.....do.....	136.6	143.6	129.0	148.3	149.4	149.0	132.1	123.6	115.7	122.7	115.7	118.9	130.9
Stocks (producers' and warehouse), end of month.....mil. of lb.....	26.8	34.7	32.2	38.4	34.0	38.4	41.5	43.2	36.3	33.5	33.9	34.3	30.2
Price, wholesale (colored; delivered; eastern U.S.).....dol. per lb.....	.265	.262	.262	.262	.262	.262	.250	.250	.243	.250	.253	.253	.253
<b>FATS, OILS, AND RELATED PRODUCTS</b>													
Animal and fish fats: <sup>Δ</sup>													
Tallow, edible:													
Production (quantities rendered).....mil. of lb.....	27.2	31.7	29.1	27.8	29.5	30.5	25.3	26.2	29.7	25.3	25.9	27.0	22.6
Consumption (factory).....do.....	25.0	30.0	27.5	19.7	23.6	28.9	25.5	23.1	25.1	24.2	21.0	26.8	20.8
Stocks (factory and warehouse), end of month.....do.....				33.1	31.3	31.1	29.8	29.6	30.3	28.5	28.2	23.9	21.5
Tallow and grease (except wool), inedible:													
Production (quantities rendered).....do.....	208.7	244.4	235.1	224.1	240.0	229.6	221.6	236.5	236.6	226.8	240.0	235.5	241.1
Consumption (factory).....do.....	148.7	148.3	128.3	137.7	148.6	143.1	159.2	160.9	148.0	150.6	119.1	145.3	153.2
Stocks (factory and warehouse), end of month.....do.....				295.6	294.2	299.4	297.2	299.5	310.8	316.6	332.5	322.8	318.8
Fish and marine mammal oils:													
Production.....do.....	27.9	8.7	7.8	13.8	.6	.1	.3	3.1	18.5	36.1	34.0	32.4	17.5
Consumption (factory).....do.....	12.9	12.2	9.6	10.5	7.0	5.4	6.2	6.3	6.9	6.8	6.8	6.0	6.0
Stocks (factory and warehouse), end of month.....mil. of lb.....	113.3	120.0	106.3	99.8	110.2	133.7	117.6	103.4	117.2	125.9	129.7	125.6	136.2
Vegetable oils and related products:													
Vegetable oils (total crude and refined):													
Exports.....do.....	114.6	92.0	44.2	109.7	130.4	42.0	71.7	177.2	186.4	91.6	234.1	169.0	164.6
Imports.....do.....	51.2	46.7	39.8	43.6	37.0	37.7	50.0	50.7	50.4	44.0	49.1	39.1	47.9
Coconut oil:													
Production:													
Crude.....do.....	35.1	37.4	30.5	30.4	35.1	28.9	28.9	38.4	36.5	41.4	34.0	42.4	38.1
Refined <sup>⊕</sup> .....do.....	34.9	40.7	28.3	29.2	31.2	27.7	26.1	36.0	36.4	35.4	29.1	34.3	30.8
Consumption in end products.....do.....				39.3	42.1	43.2	42.8	50.1	51.5	51.0	39.5	53.6	46.4
Stocks, crude and refined (factory and warehouse), end of month.....mil. of lb.....				63.5	59.1	47.3	47.2	47.8	44.8	39.9	49.0	44.6	43.7
Imports.....do.....	21.5	20.8	15.5	15.6	14.5	8.9	17.4	22.9	21.3	15.1	17.8	14.1	17.1
Corn oil:*													
Production:													
Crude.....do.....	23.4	25.8	22.3	22.9	21.7	22.8	25.5	25.0	25.4	26.9	24.4	26.7	25.8
Refined <sup>⊕</sup> .....do.....	20.0	23.4	21.9	20.4	22.2	21.8	25.1	26.2	28.0	25.3	27.1	27.8	28.1
Consumption in end products.....do.....				17.8	17.0	21.9	26.0	28.0	24.9	26.7	26.7	29.4	29.8
Stocks, crude and refined (factory and warehouse), end of month.....mil. of lb.....				30.6	30.7	29.2	27.9	31.2	30.5	30.8	29.6	26.9	23.6

\* Revised. <sup>2</sup> Preliminary. <sup>Δ</sup> Beginning December 1958 includes amounts for hydrogenated fats (vegetable and animal) and other fats and oils "in process"; strictly comparable data for earlier months not available.

<sup>⊕</sup> Bags of 132.276 lb. <sup>⊖</sup> Includes data not shown separately. <sup>⊗</sup> Price for New York and northeastern New Jersey.

<sup>⊙</sup> New series; comparable data prior to December 1958 not available, except for corn oil which may be obtained from Census reports. <sup>Δ</sup> For data on lard see p. S-28.

<sup>⊙</sup> Consumption data exclude quantities used in refining (except data for inedible tallow prior to October 1958 which include such quantities). <sup>⊙</sup> Consumption figures exclude data for cod, cod-liver, and other liver oils, and stocks include only the quantities of these oils held by producing firms. <sup>⊕</sup> Production of refined oils covers once-refined oils (alkali refined).

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
Septem-ber	October	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	June	July	August	Septem-ber	October

### FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

#### FATS, OILS, AND RELATED PRODUCTS—Con.

##### Vegetable oils and related products—Con.

Cottonseed:													
Consumption (crushings).....thous. of short tons..	306.8	711.2	590.2	546.9	547.1	440.1	432.6	323.5	179.2	116.6	97.4	149.3	501.1
Stocks (at oil mills), end of month.....do.....	506.8	1,437.5	1,951.1	1,929.9	1,507.4	1,126.2	722.8	405.5	233.1	130.0	100.3	265.5	887.5
Cottonseed cake and meal:													
Production.....do.....	135.1	328.6	280.4	260.3	252.3	201.8	195.2	151.5	85.9	55.1	45.5	70.1	226.9
Stocks (at oil mills), end of month.....do.....	71.2	116.1	106.7	78.5	79.6	103.8	139.8	166.4	170.5	153.7	116.3	87.8	97.0
Cottonseed oil:													
Production:													
Crude.....mil. of lb.....	96.3	238.7	202.4	184.6	188.1	152.6	148.9	116.5	65.4	41.5	35.0	50.3	163.4
Refined.....do.....	70.4	144.0	142.4	150.1	143.1	113.9	116.8	106.3	69.9	60.8	40.6	51.2	103.7
Consumption in end products.....do.....				102.9	95.7	96.7	97.5	98.2	93.7	90.2	73.6	75.7	87.8
Stocks, crude and refined (factory and warehouse), end of month.....mil. of lb.....				385.6	422.2	433.3	477.2	410.0	344.3	273.5	214.2	166.1	203.4
Price, wholesale (refined; drums; N.Y.).....dol. per lb.....	.180	.173	.174	.174	.160	.160	.160	.160	.179	.179	P.179		
Flaxseed:													
Consumption (crushings).....thous. of short tons..	71.7	72.0	62.9	60.6	63.8	46.6	52.8	31.6	46.8	37.9	54.8	81.7	83.0
Stocks (at oil mills), end of month.....do.....	164.3	158.1	147.5	108.6	79.3	60.6	28.1	13.7	58.6	48.7	70.0	67.7	93.4
Price, wholesale (No. 1; Minneapolis).....dol. per bu.....	3.00	2.99	2.97	3.00	2.99	2.97	2.99	3.01	3.03	3.01	2.97	3.28	3.42
Linseed oil:													
Production, crude (raw).....mil. of lb.....	51.5	52.3	45.5	43.7	45.5	33.4	37.3	22.4	33.5	26.8	39.3	58.9	59.0
Consumption in end products.....do.....				24.7	26.9	29.9	32.6	37.8	40.8	39.0	36.1	38.8	33.0
Stocks, crude and refined (factory and warehouse), end of month.....mil. of lb.....				131.4	150.4	141.3	152.6	132.7	121.9	97.4	92.9	105.0	121.6
Price, wholesale (Minneapolis).....dol. per lb.....	.131	.132	.130	.129	.126	.128	.128	.126	.125	.125	.125	.127	P.133
Soybeans:													
Consumption (crushings).....thous. of short tons..	752.0	1,004.1	1,005.9	1,033.3	1,100.6	1,019.0	1,080.3	1,037.5	1,091.6	994.7	957.4	888.8	823.8
Stocks (at oil mills), end of month.....do.....	416.1	2,943.4	3,231.1	2,958.3	2,829.3	2,593.5	2,219.8	1,846.3	1,520.2	1,346.5	1,090.8	501.9	750.5
Soybean cake and meal:													
Production.....mil. of lb.....	1,182.6	1,570.1	1,577.9	1,636.4	1,745.2	1,575.4	1,677.4	1,596.2	1,685.0	1,540.4	1,491.4	1,395.4	1,270.6
Stocks (at oil mills), end of month.....do.....	96.1	130.1	162.6	110.6	136.4	169.4	186.6	200.4	299.2	306.4	232.8	193.0	108.2
Soybean oil:													
Production:													
Crude.....do.....	269.8	352.6	351.2	359.9	385.5	355.3	380.8	365.6	385.5	355.2	344.1	318.6	296.9
Refined.....do.....	281.4	274.8	294.0	312.9	308.8	301.9	303.8	321.7	272.9	307.9	257.7	283.1	236.8
Consumption in end products.....do.....				278.7	275.9	276.8	286.0	282.9	278.7	308.9	255.1	268.5	258.9
Stocks, crude and refined (factory and warehouse), end of month.....mil. of lb.....				324.0	380.4	455.2	476.0	512.6	512.6	472.9	464.4	386.6	298.3
Price, wholesale (refined; N.Y.).....dol. per lb.....	.155	.155	.157	.157	.150	.145	.145	.145	.145	.145	P.145		

#### TOBACCO

Leaf:													
Production (crop estimate).....mil. of lb.....				2,1736									3,1800
Stocks, dealers' and manufacturers', end of quarter, total.....mil. of lb.....	4,708			4,977			4,841		4,449			4,583	
Exports, including scrap and stems.....thous. of lb.....	58,767	83,620	54,713	48,889	27,470	17,019	33,219	24,180	24,951	25,777	23,562	38,865	93,654
Imports, including scrap and stems.....do.....	12,326	14,133	11,609	10,659	13,624	11,804	12,883	11,429	13,306	12,671	13,481	13,324	11,698
Manufactured products:													
Production, manufactured tobacco, total.....do.....	16,111	17,724	13,455	13,465	14,951	13,855	14,542	15,381	14,180	15,368	14,094	14,702	
Chewing, plug, and twist.....do.....	6,095	6,495	5,394	5,255	5,919	5,433	5,404	5,712	5,487	6,041	6,065	5,484	
Smoking.....do.....	6,894	7,748	5,481	5,274	6,083	5,647	6,143	6,758	6,003	6,442	5,896	6,255	
Snuff.....do.....	3,122	3,481	2,580	2,936	2,949	2,775	2,995	2,912	2,689	2,885	2,133	2,963	
Consumption (withdrawals):													
Cigarettes (small):													
Tax-free.....millions.....	2,995	3,291	2,657	2,711	2,636	2,674	2,783	3,216	2,974	3,240	3,514	3,003	
Tax-paid.....do.....	38,076	40,895	34,820	33,953	36,242	34,614	35,493	38,097	37,252	38,413	39,908	40,926	
Cigars (large), tax-paid.....thousands.....	546,698	591,711	618,107	402,108	441,969	453,367	511,721	525,850	618,105	650,072	514,704	529,145	
Manufactured tobacco and snuff, tax-paid.....thous. of lb.....	15,670	17,240	13,207	13,472	14,526	13,518	14,325	15,044	14,080	15,227	13,148	14,503	
Exports, cigarettes.....millions.....	1,532	1,813	1,525	1,297	1,350	1,428	1,478	1,600	1,621	1,598	1,938	2,042	2,253

### LEATHER AND PRODUCTS

HIDES AND SKINS													
Exports:													
Value, total.....thous. of dol.....	3,649	5,231	5,080	3,997	3,882	4,142	5,019	3,946	7,229	5,427	5,608	5,253	4,834
Calf and kip skins.....thous. of skins.....	201	241	224	146	165	119	177	150	225	174	137	141	126
Cattle hides.....thous. of hides.....	351	514	451	389	341	380	390	323	459	285	326	282	267
Imports:													
Value, total.....thous. of dol.....	3,486	4,470	4,036	5,186	6,381	5,468	9,690	8,872	7,916	9,034	7,352	5,604	9,235
Sheep and lamb skins.....thous. of pieces.....	1,749	2,371	1,442	1,433	1,905	2,332	6,364	4,364	3,325	3,943	2,397	1,336	4,591
Goat and kid skins.....do.....	1,318	1,580	1,474	2,150	2,576	1,958	2,243	2,217	2,338	2,027	2,295	1,938	2,017
Prices, wholesale (Chicago):													
Calfskins, packer, heavy, 9½/15 lb.....dol. per lb.....	.500	.525	.550	.650	.650	.675	.675	.750	.875	.700	.725	.725	P.6.50
Hides, steer, heavy, native, over 53 lb.....do.....	.118	.128	.133	.118	.123	.133	.183	.253	.203	.243	.243	.238	P.228
LEATHER													
Production:													
Calf and whole kip.....thous. of skins.....	600	699	644	727	689	626	597	665	561	532	416	515	
Cattle hide and side kip.....thous. of hides and kips.....	2,025	2,331	2,044	2,162	2,153	2,046	2,095	2,088	2,034	1,921	1,598	1,877	
Goat and kid.....thous. of skins.....	1,507	1,829	1,525	1,768	1,973	1,747	1,894	1,973	2,032	2,139	1,877	1,739	
Sheep and lamb.....do.....	2,353	2,581	2,419	2,379	2,400	2,396	2,396	2,524	2,865	2,601	2,262	3,123	
Exports:													
Glove and garment leather.....thous. of sq. ft.....	1,335	1,823	1,532	1,126	1,342	1,234	1,629	2,007	2,470	2,124	1,250	1,758	1,713
Upper and lining leather.....do.....	3,569	3,952	3,982	2,767	2,988	2,633	2,339	2,849	3,793	2,826	2,387	2,377	2,566
Prices, wholesale:													
Sole, bends, light, f.o.b. tannery.....dol. per lb.....	.635	.635	.640	.637	.657	.697	.710	1.010	.945	.947	.953	.943	P.943
Upper, chrome calf, B and C grades, f.o.b. tannery.....dol. per sq. ft.....	1.192	1.198	1.218	1.308	1.308	1.308	1.345	1.403	1.478	1.425	1.385	1.385	P.1.368

\* Revised. P Preliminary.

<sup>1</sup> Beginning December 1958 includes amounts for hydrogenated fats (vegetable and animal) and other fats and oils "in process." Strictly comparable data for earlier months are not available. <sup>2</sup> December 1 estimate of 1958 crop. <sup>3</sup> November 1 estimate of 1959 crop.

\* Production of refined oils covers only once-refined (alkali refined).

\* New series; data prior to August 1958 are available from reports of the compiling agency (Bureau of the Census).

† Includes data for items not shown separately.



Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>LEATHER AND PRODUCTS—Continued</b>														
<b>LEATHER MANUFACTURES</b>														
Shoes and slippers:														
Production, total.....thous. of pairs.....	50,131	53,270	45,015	48,216	53,333	54,258	57,547	56,048	51,444	53,428	51,354	54,672	53,437	.....
Shoes, sandals, and play shoes, except athletic, total.....thous. of pairs.....	41,594	43,615	37,153	43,272	49,472	48,948	51,476	49,044	44,737	46,375	44,344	46,059	43,947	.....
By kinds:														
Men's.....do.....	8,733	9,157	8,220	9,150	9,675	9,580	10,425	10,523	9,498	9,305	8,325	9,142	9,235	.....
Youths' and boys'.....do.....	2,198	2,023	1,703	1,990	2,187	2,233	2,318	2,195	2,110	2,158	2,451	2,284	2,213	.....
Women's.....do.....	22,012	22,759	18,846	22,269	26,229	26,269	27,797	26,875	24,161	25,535	24,655	25,264	23,394	.....
Misses' and children's.....do.....	5,835	6,484	5,500	6,420	7,670	7,321	7,398	6,239	5,902	6,395	6,367	6,370	6,092	.....
Infants' and babies'.....do.....	2,816	3,192	2,884	3,443	3,711	3,545	3,538	3,212	3,066	2,982	2,546	2,999	3,013	.....
Slippers for housewear.....do.....	7,619	8,593	6,898	3,957	3,073	4,397	4,925	5,786	5,519	5,796	5,889	7,341	8,278	.....
Athletic.....do.....	462	571	443	482	475	534	631	635	665	698	592	653	669	.....
Other footwear.....do.....	456	491	521	505	313	379	515	583	523	559	529	619	543	.....
Exports.....do.....	319	436	244	162	186	256	292	285	255	215	214	233	248	.....
Prices, wholesale, f.o.b. factory:														
Men's and boys' oxfords, dress, cattle hide upper, Goodyear welt.....1947-49=100.....	124.4	124.4	124.4	124.4	124.4	124.4	124.6	128.7	128.7	128.7	129.5	134.4	134.4	.....
Women's oxfords, elk side upper, Goodyear welt.....1947-49=100.....	133.9	135.1	134.8	134.8	134.8	134.8	134.8	138.8	142.7	142.7	142.7	150.6	146.7	.....
Women's pumps, low-medium quality.....do.....	118.7	119.5	119.5	120.2	120.2	120.2	120.2	130.4	132.0	132.0	132.0	132.0	132.0	.....

## LUMBER AND MANUFACTURES

<b>LUMBER—ALL TYPES</b>														
National Lumber Manufacturers Association:														
Production, total.....mil. bd. ft.....	3,143	3,272	2,731	2,716	2,650	2,642	2,964	3,121	3,163	3,216	3,136	3,171	3,324	.....
Hardwoods.....do.....	619	593	599	528	546	554	597	603	639	599	623	643	635	.....
Softwoods.....do.....	2,524	2,679	2,132	2,188	2,104	2,088	2,367	2,518	2,524	2,617	2,513	2,528	2,690	.....
Shipments, total.....do.....	3,195	3,266	2,660	2,668	2,662	2,682	3,111	3,271	3,221	3,217	3,146	3,137	3,119	.....
Hardwoods.....do.....	574	599	611	526	546	585	591	599	593	558	538	607	566	.....
Softwoods.....do.....	2,621	2,667	2,049	2,142	2,116	2,097	2,520	2,672	2,628	2,659	2,608	2,530	2,553	.....
Stocks (gross), mill, end of month, total.....do.....	9,018	9,025	9,096	9,144	9,132	9,091	8,945	8,846	8,779	8,778	8,782	8,816	9,022	.....
Hardwoods.....do.....	3,547	3,541	3,529	3,531	3,531	3,500	3,506	3,510	3,555	3,597	3,682	3,717	3,787	.....
Softwoods.....do.....	5,471	5,484	5,567	5,613	5,601	5,591	5,439	5,336	5,223	5,181	5,100	5,099	5,235	.....
Exports, total sawmill products.....M bd. ft.....	67,480	62,292	56,648	56,670	48,454	45,213	86,748	52,812	59,320	65,969	66,833	70,181	76,067	.....
Imports, total sawmill products.....do.....	390,936	339,377	312,828	309,872	257,384	258,344	333,370	337,937	357,910	490,723	447,255	373,098	315,658	.....
<b>SOFTWOODS</b>														
Douglas fir:														
Orders, new.....mil. bd. ft.....	693	636	570	742	696	603	709	779	791	636	775	671	654	.....
Orders, unfilled, end of month.....do.....	643	519	512	600	660	681	662	678	735	579	658	633	587	.....
Production.....do.....	727	778	619	631	641	588	706	729	717	760	671	667	739	.....
Shipments.....do.....	777	760	577	634	636	582	729	763	734	792	695	696	699	.....
Stocks (gross), mill, end of month.....do.....	839	858	900	877	882	887	865	882	857	826	812	786	826	.....
Exports, total sawmill products.....M bd. ft.....	21,260	16,152	17,152	21,673	20,731	16,574	23,724	21,723	20,377	28,196	20,361	24,146	30,415	.....
Sawed timber.....do.....	10,124	8,342	7,430	9,254	10,197	7,437	14,191	9,561	12,007	17,510	11,164	13,190	17,965	.....
Boards, planks, scantlings, etc.....do.....	11,136	7,810	9,722	12,419	10,534	9,137	9,533	12,162	8,370	10,686	9,197	10,956	12,450	.....
Prices, wholesale:														
Dimension, construction, dried, 2" x 4", R. L. dol. per M bd. ft.....	83.202	81.543	79.072	78.659	79.907	82.279	84.668	86.032	87.698	89.825	89.576	89.501	88.651	.....
Flooring, C and better, F. G., 1" x 4", R. L. dol. per M bd. ft.....	120.750	120.582	121.002	121.002	121.072	123.808	127.212	127.720	127.988	129.959	130.103	131.112	131.872	.....
Southern pine:														
Orders, new.....mil. bd. ft.....	655	660	570	506	566	577	702	715	702	680	695	669	655	.....
Orders, unfilled, end of month.....do.....	245	207	194	173	188	248	255	281	278	261	277	267	287	.....
Production.....do.....	596	675	587	582	584	554	636	661	646	642	675	614	667	.....
Shipments.....do.....	662	698	583	527	551	546	673	708	676	683	712	653	665	.....
Stocks (gross), mill and concentration yards, end of month.....mil. bd. ft.....	1,788	1,765	1,769	1,824	1,857	1,865	1,828	1,781	1,751	1,710	1,675	1,634	1,636	.....
Exports, total sawmill products.....M bd. ft.....	7,254	7,148	5,676	6,845	5,103	4,855	5,950	5,917	7,500	5,756	5,457	6,520	7,721	.....
Sawed timber.....do.....	1,654	1,605	1,211	974	1,129	1,002	1,241	1,033	1,932	739	1,639	1,074	1,301	.....
Boards, planks, scantlings, etc.....do.....	5,600	5,538	4,465	5,871	3,974	3,853	4,709	4,884	5,568	5,017	6,818	5,446	6,420	.....
Prices, wholesale, composite:														
Boards, No. 2 and better, 1" x 6", R. L. dol. per M bd. ft.....	76.726	77.482	78.574	78.181	78.239	78.184	78.688	79.806	80.296	80.768	81.074	81.626	82.312	.....
Flooring, B and better, F. G., 1" x 4", S. L. dol. per M bd. ft.....	136.782	137.656	137.656	136.752	137.128	136.902	137.279	138.486	137.928	138.009	138.254	139.512	140.098	.....
Western pine:														
Orders, new.....mil. bd. ft.....	772	716	546	747	657	651	775	776	805	748	817	762	812	.....
Orders, unfilled, end of month.....do.....	483	378	346	439	483	488	527	490	468	426	414	357	343	.....
Production.....do.....	836	844	612	653	555	617	658	752	787	825	825	886	907	.....
Shipments.....do.....	801	821	578	654	613	645	736	814	827	790	829	818	826	.....
Stocks (gross), mill, end of month.....do.....	1,953	1,976	2,010	2,009	1,951	1,923	1,845	1,783	1,743	1,778	1,774	1,842	1,923	.....
Price, wholesale, Ponderosa, boards, No. 3 common, 1" x 8".....dol. per M bd. ft.....	69.260	70.770	71.070	70.790	74.940	73.470	75.970	80.290	82.460	83.540	82.310	81,030	79,142	.....
<b>HARDWOOD FLOORING AND PLYWOOD</b>														
Flooring:														
Maple, beech, and birch:														
Orders, new.....M bd. ft.....	3,275	3,250	3,725	3,400	3,600	3,050	3,500	4,125	3,850	4,200	3,800	3,800	2,750	.....
Orders, unfilled, end of month.....do.....	11,125	11,025	11,675	13,100	12,725	12,800	13,325	13,150	13,275	12,900	12,950	12,350	11,700	.....
Production.....do.....	3,750	3,600	3,250	3,400	3,150	3,150	3,500	3,650	3,500	3,050	3,050	3,250	3,675	.....
Shipments.....do.....	3,375	3,200	3,175	2,500	2,750	3,000	3,175	3,950	3,425	4,300	3,750	3,850	3,350	.....
Stocks (gross), mill, end of month.....do.....	9,200	9,750	9,900	10,850	11,225	11,400	11,675	11,600	11,580	10,225	9,625	8,950	9,500	.....
Oak:														
Orders, new.....do.....	76,725	70,840	59,230	56,877	97,920	95,050	92,261	91,028	79,421	76,281	76,880	79,379	76,276	.....
Orders, unfilled, end of month.....do.....	53,875	41,084	35,596	33,271	54,134	72,518	77,913	80,928	74,152	62,506	55,819	51,417	45,977	.....
Production.....do.....	82,603	89,426	71,184	70,641	75,119	70,769	77,302	85,913	84,994	89,322	90,003	86,499	88,671	.....
Shipments.....do.....	82,947	86,594	66,745	61,194	74,853	76,666	82,964	89,343	86,197	89,274	85,582	85,586	87,220	.....
Stocks (gross), mill, end of month.....do.....	74,097	76,877	79,370	88,261	84,693	77,062	70,029	64,889	63,686	63,734	65,454	66,357	67,048	.....
Plywood (except container and packaging), qtrly. total:† Shipments (market).....M sq. ft., surface measure.....	215,615	.....	.....	228,249	.....	.....	235,882	.....	.....	229,196	.....	.....	.....	.....

† Revised. ‡ Preliminary. § Not entirely comparable with data prior to month noted. ¶ Not comparable with data through 1958; price is for boards, No. 3, 1" x 12", R. L. (6' and over).  
 † Revisions for 1st qtr. 1957-2d qtr. 1958, respectively (units as above): 205,637; 195,812; 198,706; 191,276; 178,241; 181,467.



Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>METALS AND MANUFACTURES</b>														
<b>IRON AND STEEL</b>														
Foreign trade:														
Iron and steel products (excluding advanced manufactures and ferroalloys):														
Exports, total.....thous. of short tons..	386	547	485	334	403	457	489	504	609	631	683	621	488	-----
Steel mill products*.....do.....	181	251	239	170	161	168	178	178	166	191	157	51	47	-----
Scrap.....do.....	182	254	224	140	219	266	286	300	419	408	497	552	427	-----
Imports, total.....do.....	229	297	248	296	254	268	320	423	506	519	570	449	449	-----
Steel mill products*.....do.....	180	201	175	230	229	241	287	360	385	411	430	323	366	-----
Scrap.....do.....	31	47	39	21	14	18	20	19	31	31	24	31	12	-----
<b>Iron and Steel Scrap</b>														
Production and receipts, total.....thous. of short tons..	5,113	5,700	5,669	5,867	5,752	6,176	7,539	7,476	7,349	7,053	p 1,144	-----	-----	-----
Home scrap produced.....do.....	2,945	3,313	3,151	3,382	3,517	3,640	4,334	4,390	4,393	4,330	p 1,517	-----	-----	-----
Purchased scrap received (net).....do.....	2,168	2,388	2,518	2,485	2,236	2,536	3,205	3,087	2,957	2,724	p 1,626	-----	-----	-----
Consumption, total.....do.....	5,009	5,702	5,380	5,571	6,020	6,337	7,479	7,442	7,440	7,081	p 1,127	-----	-----	-----
Stocks, consumers', end of month.....do.....	9,014	9,008	9,300	9,594	9,331	9,181	9,232	9,269	9,183	9,200	p 1,318	-----	-----	-----
<b>Ore</b>														
Iron ore (operations in all U.S. districts):														
Mine production.....thous. of long tons..	9,026	8,576	3,978	3,042	3,337	3,665	3,868	6,166	12,170	12,371	5,723	645	-----	-----
Shipments from mines.....do.....	9,944	10,108	5,550	1,474	1,552	1,493	1,690	4,687	13,743	14,301	7,118	762	-----	-----
Imports.....do.....	2,863	3,281	2,138	1,882	1,970	1,482	1,874	1,941	3,302	4,124	3,188	3,182	3,802	-----
U.S. and foreign ores and ore agglomerates:														
Receipts at iron and steel plants.....do.....	12,150	12,645	9,324	3,948	3,164	3,046	3,543	5,852	16,049	17,763	-----	-----	-----	-----
Consumption at iron and steel plants.....do.....	7,900	9,128	9,262	9,588	9,828	9,699	11,512	11,540	11,848	11,131	-----	-----	-----	-----
Exports, incl. reexports.....do.....	505	420	157	35	47	43	54	24	436	456	1,020	260	39	-----
Stocks, total, end of month.....do.....	76,962	79,217	77,151	73,347	68,134	63,621	56,800	51,580	54,685	59,535	-----	-----	-----	-----
At mines.....do.....	8,950	7,518	5,935	7,505	9,063	11,448	13,629	15,117	13,565	11,646	10,147	10,362	-----	-----
At furnace yards.....do.....	62,325	65,843	65,904	60,265	53,601	46,944	38,602	32,914	37,115	43,746	-----	-----	-----	-----
At U.S. docks.....do.....	5,687	5,856	5,312	5,577	5,470	5,229	4,569	3,549	4,005	4,143	-----	-----	-----	-----
Manganese (manganese content), general imports.....thous. of long tons..	97	65	90	72	107	73	80	129	94	100	82	37	87	-----
<b>Pig Iron and Iron Manufactures</b>														
Pig iron:														
Production (excl. blast furnace prod. of ferroalloys).....thous. of short tons..	5,041	5,836	5,907	6,025	6,212	6,147	7,462	7,338	7,684	7,232	3,550	4,948	-----	-----
Consumption.....do.....	5,068	5,868	5,813	5,958	6,283	6,303	7,614	7,451	7,692	7,376	p 1,390	-----	-----	-----
Stocks (consumers' and suppliers'), end of month.....thous. of short tons..	3,740	3,784	3,882	3,964	3,895	3,692	3,553	3,467	3,492	3,432	p 1,865	-----	-----	-----
Prices:														
Composite.....dol. per long ton.....	65.95	65.95	65.95	65.95	65.95	65.95	65.95	65.95	65.95	65.95	65.95	65.95	65.95	65.95
Basic (furnace).....do.....	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00
Foundry, No. 2, Northern.....do.....	66.50	66.50	66.50	66.50	66.50	66.50	66.50	66.50	66.50	66.50	66.50	66.50	66.50	66.50
Castings, gray iron:														
Orders, unfilled, for sale, end of month.....thous. of short tons..	645	620	602	608	687	767	847	892	885	837	898	873	-----	-----
Shipments, total.....do.....	917	993	958	998	1,002	1,037	1,206	1,246	1,236	1,252	943	744	-----	-----
For sale.....do.....	538	587	505	509	517	539	666	689	685	717	533	507	-----	-----
Castings, malleable iron:														
Orders, unfilled, for sale, end of month.....thous. of short tons..	58	63	67	66	77	90	96	103	100	95	75	86	-----	-----
Shipments, total.....do.....	57	61	63	68	73	75	84	91	83	85	69	65	-----	-----
For sale.....do.....	32	40	35	40	44	42	50	54	50	51	43	40	-----	-----
<b>Steel, Crude and Semimanufactures</b>														
Steel ingots and steel for castings:														
Production.....thous. of short tons..	7,632	8,840	8,569	8,711	9,317	9,603	11,568	11,282	11,601	10,908	5,227	1,439	1,535	p 1,685
Percent of capacity.....do.....	66	74	74	73	74	85	92	93	93	90	42	12	13	13
Index.....1947-49=100.....	110.9	124.3	124.5	122.4	131.0	149.5	162.6	163.9	163.1	158.4	73.5	20.2	22.3	23.7
Steel castings:														
Shipments, total.....thous. of short tons..	85	95	85	104	105	110	131	134	135	144	107	98	-----	-----
For sale, total.....do.....	65	73	66	81	83	86	104	105	106	112	84	79	-----	-----
Steel forgings (for sale):														
Orders, unfilled, end of month.....do.....	287.9	302.9	306.5	313.1	353.3	392.0	396.1	397.7	393.5	374.6	r 376.5	376.2	-----	-----
Shipments, total.....do.....	89.4	99.7	89.0	112.5	112.9	112.7	128.8	135.7	141.8	140.0	102.9	95.7	-----	-----
Drop and upset.....do.....	70.0	77.1	70.0	91.6	90.7	91.5	104.1	105.7	104.6	108.1	r 80.6	75.3	-----	-----
Prices:														
Composite, finished steel (carbon).....dol. per lb.....	.0697	.0697	.0698	.0698	.0698	.0698	.0698	.0698	.0698	.0698	.0698	.0698	.0698	.0698
Steel billets, rerolling, carbon, f.o.b. mill.....dol. per short ton.....	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	p 95.00	-----
Structural shapes (carbon), f.o.b. mill.....dol. per lb.....	.0617	.0617	.0617	.0617	.0617	.0617	.0617	.0617	.0617	.0617	.0617	.0617	p .0617	-----
Steel scrap, No. 1 heavy melting:														
Composite (5 markets).....dol. per long ton.....	41.77	41.48	41.67	39.81	40.31	41.86	41.33	35.16	33.41	35.67	38.48	r 37.63	p 39.15	-----
Pittsburgh district.....do.....	42.50	43.00	43.00	42.00	43.00	43.00	44.00	37.00	35.00	36.00	40.00	38.00	p 38.00	-----
<b>Steel, Manufactured Products</b>														
Barrels and drums, steel, heavy types (for sale):														
Orders, unfilled, end of month.....thousands.....	1,707	1,613	1,502	1,491	1,629	1,648	2,068	2,546	2,575	1,983	1,974	1,934	-----	-----
Shipments.....do.....	2,134	1,905	1,658	1,882	1,803	1,809	2,017	2,157	2,523	2,848	2,026	1,684	-----	-----
Cans, metal, shipments (in terms of steel consumed), total for sale and own use.....thous. of short tons..	556	449	316	289	314	304	341	389	400	445	502	615	642	-----
Food.....do.....	392	288	184	153	180	174	185	219	251	302	423	412	-----	-----
Shipments for sale.....do.....	481	391	273	244	263	256	287	330	346	385	451	546	577	-----
Closures (for glass containers), production.....millions.....	1,558	1,653	1,322	1,279	1,426	1,437	1,576	1,691	1,606	1,787	1,621	1,444	1,524	-----
Crowns, production.....thousand gross.....	23,298	24,142	22,354	18,294	24,026	24,633	26,612	28,987	30,369	34,263	31,160	29,899	29,088	-----
Steel products, net shipments:														
Total (all grades).....thous. of short tons..	5,386	6,225	5,187	5,512	6,186	6,524	8,118	8,603	8,754	9,700	4,131	-----	-----	-----
Semifinished products.....do.....	220	246	246	248	248	270	344	346	357	386	132	-----	-----	-----
Structural shapes (heavy), steel piling.....do.....	352	399	352	387	360	410	554	568	593	657	277	-----	-----	-----
Plates.....do.....	394	461	452	500	509	558	651	694	701	788	418	-----	-----	-----
Rails and accessories.....do.....	54	68	58	69	56	123	167	160	192	192	75	-----	-----	-----

r Revised. p Preliminary. 1 Independent iron and steel foundries only. 2 Not entirely comparable with composite through 1958; see note marked "§". 3 Nominal.

4 Including blast furnace production of ferroalloys.

\*New series (from Bureau of the Census); data for January-July 1958 are shown in October 1959 SURVEY (bottom p. S-32).

†Scattered revisions for January 1957-July 1958 are available upon request.

§For 1959, percent of capacity is calculated on annual capacity as of January 1, 1959, of 147,633,670 tons of steel; for 1958, as of January 1, 1958 (140,742,570 tons).

§ Represents the weighted average of consumers' buying prices (including brokerage), delivered, at following markets: Pittsburgh district, Chicago, Philadelphia, Birmingham, Los Angeles (through 1958 only), San Francisco (beginning 1959).

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
September	October	November	December	January	February	March	April	May	June	July	August	September	October

## METALS AND MANUFACTURES—Continued

IRON AND STEEL—Continued													
Steel, Manufactured Products—Continued													
Steel products, net shipments—Continued													
Bars and tool steel, total.....thous. of short tons..	810	887	821	839	888	938	1,211	1,282	1,337	1,518	606		
Bars: Hot rolled (incl. light shapes).....do.....	518	594	559	579	623	656	825	845	890	969	368		
Reinforcing.....do.....	193	184	152	143	134	141	217	254	256	346	142		
Cold finished.....do.....	94	102	102	110	123	133	159	172	181	191	88		
Pipe and tubing.....do.....	561	625	533	527	679	706	930	1,113	1,141	1,261	554		
Wire and wire products.....do.....	263	283	251	237	268	279	362	403	429	491	192		
Tin mill products.....do.....	633	917	157	200	498	526	714	821	830	818	314		
Sheets and strip (incl. electrical), total.....do.....	2,102	2,338	2,317	2,506	2,648	2,714	3,185	3,215	3,174	3,590	1,563		
Sheets: Hot rolled.....do.....	617	687	653	694	731	784	928	956	947	1,154	459		
Cold rolled.....do.....	965	1,074	1,132	1,253	1,339	1,330	1,557	1,524	1,496	1,607	718		
Fabricated structural steel:													
Orders, new (net).....thous. of short tons..	256	259	243	197	236	294	255	295	242	291	259	197	284
Shipments.....do.....	314	307	271	267	224	216	260	291	294	365	239	220	183
Backlog, end of month.....do.....	2,047	1,913	1,839	1,809	1,794	1,864	1,873	1,922	1,768	1,717	1,679	1,772	1,871
NONFERROUS METALS AND PRODUCTS													
Aluminum:													
Production, primary, domestic.....thous. of short tons..	125.9	139.8	141.0	152.3	156.7	142.1	157.2	155.2	163.9	167.3	179.2	172.8	168.2
Estimated recovery from scrap.....do.....	26.3	32.5	26.7	31.0	30.0	29.1	32.0	34.6	33.1	34.4	31.3		
Imports (general):													
Metal and alloys, crude.....do.....	46.4	22.1	18.8	25.3	12.7	9.7	14.2	14.0	22.8	30.5	30.8	31.6	14.8
Plates, sheets, etc.....do.....	2.4	2.9	2.9	3.5	3.5	3.6	4.4	3.7	4.3	4.5	5.0	4.6	4.2
Stocks, primary (at reduction plants), end of month.....thous. of short tons..	124.3	124.2	138.5	146.1	175.1	183.8	159.2	131.5	112.7	88.6	80.4	94.0	109.1
Price, primary ingot, 99.5%+.....dol. per lb..	.2680	.2680	.2680	.2680	.2680	.2680	.2680	.2680	.2680	.2680	.2680	.2680	.2680
Aluminum shipments:													
Mill products and pig and ingot (net).....mil. of lb..	374.7	347.7	302.5	333.0	359.8	331.6	385.9	423.2	452.1	523.1	509.4	534.2	329.8
Mill products, total.....do.....	231.2	254.3	216.3	235.4	236.3	231.8	271.6	294.9	320.8	341.4	373.1	247.5	262.7
Plate and sheet.....do.....	119.3	130.4	114.5	121.7	122.7	122.7	150.8	156.4	170.2	182.6	195.4	120.5	130.7
Castings.....do.....	52.8	55.7	55.8	59.5	68.9	68.4	73.4	73.0	68.3	66.5	56.9	55.8	
Copper:													
Production:													
Mine, recoverable copper.....thous. of short tons..	82.1	91.1	94.4	95.3	97.1	87.9	98.2	100.7	101.4	94.2	87.4	54.4	25.9
Refinery, primary.....do.....	114.7	121.1	126.8	138.6	128.0	120.6	131.8	130.2	124.6	128.7	125.7		28.1
From domestic ores.....do.....	82.6	88.6	99.6	108.3	102.0	95.7	101.4	102.9	98.9	101.4	94.2		12.9
From foreign ores.....do.....	32.1	32.5	27.2	30.2	26.0	24.9	30.4	27.3	25.8	27.3	31.5		15.2
Secondary, recovered as refined.....do.....	16.1	19.1	20.3	17.1	21.3	21.0	22.7	26.2	22.6	21.7	19.9		16.0
Imports (general):													
Refined, unrefined, scrap.....do.....	34.3	28.2	47.8	40.8	43.9	31.3	37.2	31.5	35.8	60.3	44.8	38.4	76.7
Refined.....do.....	5.2	2.9	11.1	4.5	2.9	3.5	3.8	5.0	11.8	19.3	10.7	12.9	40.3
Exports:													
Refined, scrap, brass and bronze ingots.....do.....	36.6	47.3	49.6	52.3	27.9	25.0	23.0	24.2	19.2	16.0	13.7	18.8	11.7
Refined.....do.....	32.2	43.1	44.5	45.6	22.2	20.8	19.4	20.6	15.3	12.6	11.4	16.6	9.0
Consumption, refined (by mills, etc.).....do.....	115.0	137.1	122.0	127.0	126.1	126.1	138.8	147.2	139.9	146.8	88.5	118.7	130.3
Stocks, refined, end of month, total.....do.....	268.7	207.2	189.1	181.8	181.8	183.5	181.4	169.2	187.8	181.7	230.2	192.1	150.1
Fabricators'.....do.....	110.9	101.0	118.2	126.7	126.7	124.6	123.2	120.2	125.3	139.7	178.3	158.9	129.0
Price, bars, electrolytic (N.Y.).....dol. per lb..	.2608	.2731	.2867	.2858	.2864	.2962	.3103	.3130	.3116	.3110	.3008	.2989	.3102
Copper-base mill and foundry products, shipments (quarterly):													
Brass mill products.....mil. of lb..	419			533			575			578			546
Copper wire mill products.....do.....	359			398			405			412			381
Brass and bronze foundry products.....do.....	190			225			240			262			230
Lead:													
Production:													
Mine, recoverable lead.....thous. of short tons..	19.6	21.2	21.4	22.7	23.4	21.4	21.0	21.2	20.1	21.4	19.5	21.6	20.3
Secondary, estimated recoverable.....do.....	28.7	33.3	30.2	32.3	33.8	31.8	29.4	31.7	31.3	30.5	30.5	31.0	
Imports (general), ore, metal.....do.....	53.8	36.7	34.8	51.1	34.7	24.3	54.9	33.6	40.7	38.4	35.3	25.1	33.1
Consumption, total.....do.....	90.2	92.6	84.4	84.6	88.4	84.2	85.1	91.3	90.2	95.8	89.6	90.0	
Stocks, end of month:													
Producers', ore, base bullion, and in process.....thous. of short tons..	107.8	93.5	94.0	101.6	104.8	96.9	103.6	97.8	88.2	89.9	89.6	83.9	100.0
Refiners' (primary), refined and antimonial.....thous. of short tons..	170.0	168.7	178.6	197.7	208.2	214.3	209.8	197.0	170.9	132.6	142.0	128.2	
Consumers'.....do.....	106.7	117.5	118.3	116.0	118.1	114.6	123.4	124.0	132.5	153.9	154.9	156.0	
Scrap (lead-base, purchased), all consumers.....do.....	31.7	37.0	46.4	54.7	49.2	40.3	37.4	34.8	37.1	41.8	45.5	46.1	
Price, pig, desilverized (N.Y.).....dol. per lb..	.1087	.1264	.1300	.1300	.1267	.1156	.1141	.1119	.1190	.1200	.1200	.1229	.1300
Tin:													
Imports (for consumption):													
Ore.....long tons..	0	115	74	94	3,416	48	54	18	37	3,783		61	2,454
Bars, pigs, etc.....do.....	3,655	4,232	3,001	4,227	2,989	4,374	4,662	4,214	3,845	4,984	2,547	2,399	3,876
Estimated recovery from scrap, total.....do.....	1,710	2,025	1,800	1,850	1,950	1,880	1,955	2,150	2,010	1,980	1,745		
As metal.....do.....	300	340	265	330	260	235	255	275	255	315	250		
Consumption, pig, total.....do.....	6,380	6,940	5,630	6,135	6,860	6,785	7,510	7,755	7,455	7,935	5,600	4,760	
Primary.....do.....	4,350	4,710	3,650	4,115	4,490	4,245	4,700	4,880	4,995	4,995	3,210	2,185	
Exports, incl. reexports (metal).....do.....	30	148	69	205	112	103	153	110	31	155	54	106	129
Stocks, pig (industrial), end of month.....do.....	20,690	20,560	20,065	21,444	21,160	22,425	21,755	21,700	20,950	22,645	22,995	22,675	
Price, pig, Straits (N.Y.), prompt.....dol. per lb..	.9401	.9647	.9896	.9897	.9935	1.0271	1.0303	1.0250	1.0304	1.0415	1.0231	1.0233	1.0243
Zinc:													
Mine production, recoverable zinc.....thous. of short tons..													
Imports (general):													
Ores and concentrates.....do.....	31.2	24.0	33.0	48.1	50.2	51.2	36.9	49.0	41.9	45.8	47.4	34.6	32.4
Metal (slab, blocks).....do.....	20.9	18.3	12.8	18.7	15.0	6.8	16.0	6.5	17.2	17.7	17.1	9.1	13.3
Consumption (recoverable zinc content):													
Ores.....do.....	9.0	8.0	8.0	8.8	8.2	7.4	8.3	8.2	8.8	8.4	8.7	7.9	
Scrap, all types.....do.....	17.4	18.4	20.4	19.4	17.9	17.6	21.5	22.8	22.1	22.0	15.3	16.8	
Slab zinc:													
Production (primary smelter), from domestic and foreign ores.....thous. of short tons..	59.0	61.0	61.1	71.1	71.3	65.9	74.8	71.0	71.9	70.5	68.5	65.9	
Secondary (redistilled) production, total.....do.....	4.7	4.3	4.1	4.4	5.1	5.3	5.2	5.4	5.6	5.0	4.6	3.9	
Consumption, fabricators', total.....do.....	75.0	82.8	75.2	79.0	79.5	77.0	87.4	90.1	88.1	96.0	65.4	60.5	
Exports.....do.....	(2)	.4	(2)	.3	.2	.2	.7	.4	.1	.2	.1	.2	3.0
Stocks, end of month:													
Producers', smelter (AZI).....do.....	238.1	210.2	191.7	190.2	195.8	200.5	206.1	203.9	196.0	169.4	182.0	192.0	193.0
Consumers'.....do.....	62.3	74.3	81.6	89.3	85.1	83.4	79.2	76.3	76.4	86.2	90.2	93.4	
Price, prime Western (St. Louis).....dol. per lb..	.1000	.1084	.1137	.1150	.1150	.1142	.1100	.1100	.1100	.1100	.1100	.1100	.1133
													.1213

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
September	October	November	December	January	February	March	April	May	June	July	August	September	October

### METALS AND MANUFACTURES—Continued

<b>HEATING APPARATUS, EXCEPT ELECTRIC</b>													
Radiators and convectors, cast iron:													
Shipments.....mil. of sq. ft. of radiation	2.6	2.8	1.8	1.3	1.4	1.4	1.7	1.8	1.1	1.4	1.6	1.7	2.3
Stocks, end of month.....do	4.1	3.4	3.2	3.2	3.8	4.2	4.6	4.7	5.3	5.4	4.8	4.6	3.9
Oil burners:Δ													
Shipments.....thousands	74.6	79.0	51.8	40.7	47.4	44.7	43.8	43.5	48.2	68.4	54.1	65.4	79.3
Stocks, end of month.....do	35.3	30.4	30.8	32.4	37.7	43.4	46.3	53.2	52.2	51.9	52.7	50.8	42.7
Stoves and ranges, domestic cooking, incl. built-ins:Δ,σ													
Shipments, total.....thousands	194.9	224.9	181.5	189.6	158.5	162.7	181.8	175.6	170.3	183.3	156.0	186.9	222.4
Coal and wood.....do	5.7	5.6	4.0	4.2	4.4	3.9	3.5	4.0	2.4	3.9	3.9	3.8	5.2
Gas (incl. bungalow and combination)σ	182.5	211.9	171.1	181.0	148.8	152.4	171.5	164.8	161.3	172.4	145.5	176.6	210.3
Kerosene, gasoline, and fuel oil.....do	6.7	7.4	6.4	4.4	5.3	6.3	6.8	6.8	6.5	7.0	6.7	6.5	6.9
Stoves, domestic heating, shipments, totalΔ†	344.9	379.6	208.2	137.1	99.5	100.7	132.1	131.1	122.1	200.7	232.5	303.8	344.5
Coal and wood.....do	58.1	61.2	29.5	16.4	9.8	9.5	12.7	18.6	20.9	27.3	32.5	42.2	55.5
Gas†	229.2	255.5	148.7	95.1	52.7	55.5	73.1	75.8	63.4	126.6	146.0	196.5	225.5
Kerosene, gasoline, and fuel oil.....do	57.6	62.9	30.0	25.6	37.0	35.7	46.3	36.7	37.8	46.9	54.0	65.0	63.5
Warm-air furnaces (forced-air and gravity air-flow), shipments, totalΔ†	161.4	153.1	120.8	95.8	89.1	86.3	95.0	97.6	100.6	119.3	126.5	151.2	170.7
Gas.....do	103.9	100.1	81.1	65.8	64.1	63.5	70.3	74.6	75.7	89.4	94.9	110.8	120.9
Oil.....do	43.8	40.1	30.2	22.9	22.8	21.0	22.9	21.1	23.2	26.9	28.3	35.4	43.9
Solid fuel.....do	5.6	5.1	3.5	2.2	2.1	1.9	1.8	1.9	1.7	3.0	3.3	4.9	6.0
Water heaters, gas, shipmentsΔ	224.7	254.7	193.1	204.0	252.9	246.7	252.6	248.1	227.6	236.7	234.7	241.2	231.5
<b>MACHINERY AND APPARATUS</b>													
Blowers, fans, and unit heaters, quarterly totals:													
Blowers and fans, new orders.....mil. of dol.	30.2			29.4			34.2			39.2			
Unit-heater group, new orders.....do	20.9			21.2			19.9			20.6			
Foundry equipment (new), new orders, net monthly average shipments, 1947-49=100	64.5	118.9	83.3	137.0	127.4	237.1	166.6	154.2	157.0	125.1	110.7	134.1	
Furnaces, industrial, new orders, net:													
Electric processing.....mil. of dol.	1.1	.9	.8	1.6	.9	.9	.9	1.2	1.0	1.5	2.2	1.6	1.8
Fuel-fired (except for hot rolling steel).....do	.8	.9	3.9	1.9	2.2	1.9	3.3	6.9	2.5	3.1	6.2	5.7	1.6
Industrial trucks (electric), shipments:													
Hand (motorized).....number	385	467	426	429	361	282	426	440	361	574	579	355	433
Rider-type.....do	294	295	238	385	270	206	266	295	292	384	400	273	386
Industrial trucks and tractors (gasoline-powered), shipments.....number	1,510	1,368	1,407	1,501	1,472	1,429	1,897	2,155	1,760	2,040	1,916	2,161	2,226
Machine tools (metal-cutting and metal-forming):													
New orders (net), total.....mil. of dol.	28.10	37.00	30.70	43.90	41.05	45.40	51.55	53.20	48.70	65.40	63.40	52.20	59.60
Domestic.....do	24.65	32.00	26.85	34.75	35.10	40.05	46.70	46.90	45.55	60.10	53.25	47.05	50.55
Shipments, total.....do	34.90	41.40	33.65	43.95	31.30	36.05	45.75	45.00	41.00	50.05	40.60	40.30	45.80
Domestic.....do	29.65	35.90	27.45	37.80	25.80	29.85	39.40	38.25	36.30	44.95	37.00	35.55	41.80
Estimated backlog.....months	2.9	3.0	3.0	3.1	3.4	3.8	3.9	3.9	3.9	4.1	4.6	4.8	5.0
Other machinery and equipment, quarterly shipments:													
Construction machinery (selected types), total‡	252.2			177.4			248.4			339.2			
Tractors, tracklaying (crawler), total.....do	79.5			46.0			71.8			74.1	127.4	129.9	132.8
Tractors, wheel (contractors' off-highway).....do	26.7			15.7			20.5			35.3			
Tractor shovel loaders, integral units only (wheel and tracklaying types).....mil. of dol.	40.8			37.4			49.6			70.2			
Farm machines and equipment (selected products), excluding tractors.....mil. of dol.	193.6			137.1			240.2			285.3			
Tractors, wheel (excl. garden and contractors' off-highway types).....mil. of dol.	108.6			116.5			148.8			182.6	149.1	126.6	141.4
Pumps (steam, power, centrifugal, and rotary), new orders.....mil. of dol.	5.9	5.4	4.4	5.2	5.0	5.5	5.6	6.7	7.0	7.3	5.7		
<b>ELECTRICAL EQUIPMENT</b>													
Batteries (automotive replacement only), shipments thousands.....	2,704	2,976	2,262	3,041	2,672	1,791	1,376	1,437	1,593	2,118	2,556	2,728	2,893
Household electrical appliances:													
Ranges (incl. built-ins), domestic and export sales thousands.....	121.8	135.5	129.4	143.9	120.8	134.6	172.6	136.1	133.4	151.4	129.2	116.6	157.2
Refrigeration, output (seas. adj.).....1947-49=100	155	173	184	180	150	173	164	171	178	170	181	199	183
Vacuum cleaners (standard type), sales billed thousands.....	299.6	339.1	293.6	317.0	242.5	271.4	346.6	317.4	257.3	276.0	221.2	268.5	305.1
Washers, sales billed (domestic and export)σ.....do	423.1	404.1	333.0	330.5	288.5	297.8	329.7	274.4	277.9	341.9	318.1	359.8	394.1
Radio sets, production§.....do	1,572.0	1,322.2	1,545.6	1,525.7	1,124.7	1,125.4	1,347.6	1,040.2	1,039.6	1,430.2	829.0	1,009.4	1,192.6
Television sets (incl. combination), prod.§.....do	2,621.7	495.6	437.8	2,414.9	437.0	459.5	2,494.0	389.3	431.9	2,571.0	350.4	547.4	2,808.3
Electronic tubes and semiconductors, factory sales mil. of dol.	72.3	78.6	69.6	66.0	63.2	65.8	77.9	68.0	69.4	77.5	70.0	74.0	86.8
Insulating materials and related products:													
Insulating materials, sales billed, index 1947-49=100.....	124	135	122	124	130	138	152	166	153	153	131	145	
Steel conduit (rigid), shipments.....thous. of ft.	40,987	34,318	30,196	27,468	34,764	26,789	25,856	31,654	35,037	46,100	39,126	29,926	20,192
Motors and generators, quarterly:													
New orders, index.....1947-49=100	144			155			164			190			
Polyphase induction motors, 1-200 hp:†													
New orders, gross.....thous. of dol.	36,988			37,637			41,089			47,367	113,554	112,660	
Billings.....do	33,580			35,742			38,188			46,848			
Direct current motors and generators, 1-200 hp:†													
New orders, gross.....thous. of dol.	5,338			5,657			8,271			7,781	12,903	11,959	
Billings.....do	4,916			6,294			5,169			6,641			

† Revised. ‡ Preliminary. § Data are for month shown. ¶ Represents 5-weeks' production.

Δ Beginning January 1959, industry estimates are based on revised inflating factors and are not strictly comparable with earlier data.

σ Includes data for built-in gas-fired oven-broiler units; shipments of cooking tops (for use with the ovens), not included in figures above, totaled 32,500 units (4-burner equivalent) in August 1959 and 35,500 units in September 1959.

† Revisions for gas heating stoves (January-June 1958) and warm-air furnaces (January 1957-June 1958) are available upon request.

‡ Includes data not shown separately.

σ Data exclude sales of combination washer-dryer machines; such sales (including exports) totaled 25,500 units in September 1959.

§ Radio production comprises home, portable battery, automobile, and clock models; television sets include combination models. Data for September and December 1958 and March, June, and September 1959 cover 5 weeks; all other months, 4 weeks. ¶ Data for induction motors cover from 25 to 30 companies; for d.c. motors and generators, from 14 to 19 companies.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>PETROLEUM, COAL, AND PRODUCTS</b>														
<b>COAL</b>														
Anthracite:														
Production.....thous. of short tons	2,050	1,966	1,559	1,959	2,194	1,557	1,508	1,503	1,388	1,683	1,142	1,515	1,726	1,709
Stocks in producers' storage yards, end of mo. do	501	527	580	406	329	298	281	329	372	395	411	442	467	
Exports.....do	235	252	198	192	181	166	108	79	158	106	119	108	217	
Prices:														
Retail, stove, composite.....dol. per short ton	27.80	27.95	28.13	28.14	28.26	28.81	28.80	28.75	27.44	27.34	27.48	27.49	27.40	
Wholesale, chestnut, f.o.b. car at mine.....do	13.951	14.343	14.413	14.413	14.413	14.966	14.763	13.391	13.391	13.391	13.811	13.811	14.233	
Bituminous:														
Production.....thous. of short tons	36,956	40,205	34,802	39,799	35,730	33,760	34,820	34,460	34,860	36,010	24,260	29,940	32,530	35,060
Industrial consumption and retail deliveries, total ?														
Electric power utilities.....thous. of short tons	29,468	32,454	32,325	36,484	35,683	33,312	34,752	30,925	30,253	29,921	26,217	24,982	24,744	
Railroads (class I).....do	12,087	13,094	13,265	15,715	15,907	14,002	14,400	12,632	12,718	13,249	13,391	13,806	12,987	
Manufacturing and mining industries, total.....do	215	281	282	363	339	304	286	241	189	152	133	131	137	
Coke plants (oven and beehive).....do	14,203	15,514	15,599	16,475	16,394	15,452	17,260	16,352	16,174	15,303	11,319	9,318	9,235	
Retail deliveries to other consumers.....do	6,439	7,310	7,509	7,885	7,864	7,784	8,861	8,613	8,830	8,561	5,136	3,009	2,849	
Stocks, industrial and retail dealers', end of month, total.....thous. of short tons	2,826	3,428	3,068	3,900	3,040	3,551	2,802	1,634	1,018	1,059	1,248	1,622	2,281	
Electric power utilities.....do	74,020	77,807	77,212	76,285	71,203	69,167	65,868	65,739	67,659	70,369	65,374	66,596	68,773	
Railroads (class I).....do	49,508	50,653	50,326	48,752	45,121	43,024	41,939	42,292	43,686	44,932	43,493	45,376	47,680	
Manufacturing and mining industries, total.....do	402	409	387	345	360	349	337	276	266	271	249	246	246	
Oven-coke plants.....do	23,093	25,683	25,410	26,242	24,969	25,139	23,073	22,686	23,077	24,369	20,700	19,912	19,774	
Retail dealers.....do	10,523	11,666	12,336	12,957	12,128	11,852	11,684	11,569	11,837	12,428	9,278	8,442	7,927	
Exports.....do	1,017	1,062	1,089	946	753	655	519	485	630	797	982	1,062	1,073	
Prices:														
Retail, composite.....dol. per short ton	4,626	4,510	4,086	2,920	3,142	2,288	2,824	3,148	3,303	2,894	3,677	4,001	3,509	
Wholesale:														
Screenings, indust. use, f.o.b. car at mine.....do	16.60	16.49	16.81	16.83	16.98	16.99	17.00	16.94	16.58	16.55	16.65	16.72	16.95	
Domestic, large sizes, f.o.b. car at mine.....do	5.326	5.329	5.291	5.280	5.332	5.334	5.341	5.206	5.174	5.173	5.175	5.171	5.185	
	7.659	7.784	7.822	7.841	8.013	8.013	7.775	7.359	7.313	7.459	7.585	7.724	7.818	
<b>COKE</b>														
Production:														
Beehive.....thous. of short tons	57	65	72	84	82	92	137	152	133	121	59	40	32	
Oven (byproduct).....do	4,458	5,053	5,183	5,437	5,533	5,437	6,262	6,074	6,244	5,923	2,310	1,543	1,532	
Petroleum coke \$.....do	604	665	647	687	683	636	736	617	693	724	663	670		
Stocks, end of month:														
Oven-coke plants, total.....do	3,993	3,896	3,882	3,813	3,793	3,709	3,587	3,423	3,154	2,900	2,195	2,299	2,850	
At furnace plants.....do	2,577	2,507	2,482	2,411	2,366	2,274	2,158	2,042	1,835	1,643	861	985	1,198	
At merchant plants.....do	1,416	1,389	1,400	1,402	1,427	1,435	1,429	1,381	1,320	1,257	1,335	1,314	1,652	
Petroleum coke.....do	845	882	931	964	995	1,041	1,094	1,094	1,131	1,178	1,203	1,185		
Exports.....do	28	42	42	33	29	31	33	35	61	41	41	29	32	
Price, oven foundry coke (merchant plants), f.o.b. Birmingham, Ala.....dol. per short ton	28.85	28.85	28.85	28.85	29.23	30.35	30.35	30.35	30.35	30.35	30.35	30.35	30.35	30.35
<b>PETROLEUM AND PRODUCTS</b>														
Crude petroleum:														
Oil wells completed.....number	2,112	2,388	2,383	2,338	2,427	1,853	1,995	2,209	2,149	2,368	2,447	2,114		
Price at wells (Oklahoma-Kansas).....dol. per bbl	3.07	3.07	3.07	3.07	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97		
Runs to stills.....thous. of bbl	232,884	238,695	233,279	246,781	255,124	227,562	254,422	235,982	244,789	239,607	244,316	250,508		
Refinery operating ratio.....percent of capacity	85	84	84	86	88	87	88	84	83	84	83	85		
All oils, supply, demand, and stocks:														
New supply, total.....thous. of bbl	286,355	295,812	287,512	315,389	315,524	292,471	318,918	286,201	296,418	295,505	280,418	282,365		
Production:														
Crude petroleum.....do	212,972	216,304	209,518	221,210	223,926	201,435	222,839	217,685	223,806	212,489	210,311	209,733		
Natural-gas liquids, benzol (blended), etc.....do	23,989	25,074	25,246	26,790	26,697	25,091	27,328	26,162	26,638	25,950	26,190	26,539		
Imports:														
Crude petroleum.....do	29,927	28,885	29,026	33,434	28,664	29,467	28,113	22,270	29,089	36,147	27,510	29,943		
Refined products.....do	19,467	25,549	23,722	33,955	36,237	36,478	40,638	20,084	16,885	20,919	16,407	16,150		
Change in stocks, all oils (decrease,—).....do	22,135	6,173	8,464	-42,509	-35,136	-2,628	7,295	6,766	33,433	17,313	2,610	13,291		
Demand, total.....do	264,220	289,639	279,048	357,898	350,660	295,099	311,623	279,435	262,985	278,192	277,808	269,074		
Exports:														
Crude petroleum.....do	170	330	275	74	352	97	178	230	267	192	174	237		
Refined products.....do	8,656	8,426	8,888	6,837	7,998	6,439	7,297	7,963	7,067	7,600	7,264	6,698		
Domestic demand, total ?	255,394	280,883	269,885	350,987	342,310	288,563	304,148	271,242	255,651	270,400	270,370	262,139		
Gasoline.....do	120,389	125,097	110,587	120,305	114,720	99,759	118,995	124,917	127,049	133,695	137,141	132,875		
Kerosene.....do	6,031	9,008	10,114	17,616	17,997	13,113	10,693	5,980	4,013	4,552	6,063	4,370		
Distillate fuel oil.....do	38,056	47,319	57,010	97,574	95,234	74,102	67,218	47,682	37,474	36,438	34,161	31,457		
Residual fuel oil.....do	37,070	45,049	44,642	62,799	62,940	57,436	59,281	45,130	37,776	40,442	36,068	34,705		
Jet fuel.....do	8,684	9,678	7,100	8,121	8,086	7,203	7,568	8,589	7,476	7,914	8,983	9,233		
Lubricants.....do	3,362	3,529	3,498	3,440	3,504	2,746	3,799	3,577	3,831	3,900	3,671	3,567		
Asphalt.....do	12,599	11,227	6,343	3,892	3,635	3,160	5,798	6,971	9,367	12,562	13,440	13,721		
Liquefied gases.....do	12,610	14,060	15,455	21,999	22,710	17,864	16,617	14,787	13,632	14,839	15,165	16,563		
Stocks, end of month, total.....do	816,668	822,841	831,305	788,796	754,390	751,762	759,057	765,823	799,256	816,569	819,179	832,470		
Crude petroleum.....do	251,701	255,345	257,546	262,730	258,108	260,040	257,564	264,525	272,505	264,994	264,994	253,081		
Natural-gas liquids.....do	27,437	27,894	27,349	22,752	18,008	17,651	19,524	22,589	27,210	29,976	31,296	31,820		
Refined products.....do	537,530	539,602	546,410	503,314	478,274	474,071	484,593	485,670	507,521	514,088	522,889	547,559		
Refined petroleum products:														
Gasoline (incl. aviation):														
Production.....do	120,010	121,539	120,877	128,537	127,508	111,523	126,219	118,105	123,879	124,580	127,991	130,366		
Exports.....do	2,524	2,389	2,649	2,160	1,575	1,682	1,262	2,243	2,002	1,814	2,056	1,398		
Stocks, end of month:														
Finished gasoline.....do	164,375	157,576	165,888	174,526	187,472	197,468	204,648	197,841	193,106	183,022	172,755	170,543		
Unfinished gasoline.....do	10,962	12,544	12,686	12,234	11,603	12,899	13,964	12,554	12,554	13,056	12,539	11,378		
Prices (excl. aviation):														
Wholesale, refinery (Okla., group 3).....dol. per gal.	.120	.120	.116	.116	.115	.115	.120	.120	.120	.115	.110	.120		
Retail (regular grade, excl. taxes), service stations, 55 cities (1st of following mo.).....dol. per gal.	.215	.211	.204	.206	.210	.211	.213	.211	.212	.213	.217	.218	.214	.207

\* Revised. \* Preliminary. ? Includes data not shown separately.

§ Includes nonmarketable catalyst coke.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>PETROLEUM, COAL, AND PRODUCTS—Continued</b>														
<b>PETROLEUM AND PRODUCTS—Continued</b>														
Refined petroleum products—Continued														
Aviation gasoline:														
Production.....thous. of bbl.	11,142	10,843	10,464	10,690	10,269	9,979	9,845	10,099	10,567	10,828	10,930	10,947		
Exports.....do.	1,633	1,470	1,722	1,507	823	1,117	746	1,518	1,408	1,180	1,356	736		
Stocks, end of month.....do.	10,564	10,778	11,476	12,300	13,186	14,437	14,884	14,408	14,325	14,623	12,887	12,793		
Kerosene:														
Production.....do.	8,544	9,777	10,500	11,593	12,978	11,686	9,484	8,269	7,574	7,314	6,967	7,264		
Stocks, end of month.....do.	31,259	31,878	32,120	26,400	21,090	19,725	18,688	21,003	24,597	27,364	28,328	31,221		
Price, wholesale, bulk lots (N.Y. Harbor).....dol. per gal.	.104	.104	.104	.109	.112	.117	.117	.112	.107	.101	.101	.098		
Distillate fuel oil:														
Production.....thous. of bbl.	53,506	56,372	54,364	60,595	66,124	60,458	61,610	52,181	54,295	53,745	53,279	55,921		
Imports.....do.	1,538	1,174	1,035	1,727	1,556	1,585	3,467	1,877	1,811	1,841	1,055	818		
Exports.....do.	1,570	1,102	2,025	987	1,261	856	1,427	951	812	1,182	886	1,673		
Stocks, end of month.....do.	155,412	164,686	161,192	125,101	96,849	84,071	80,662	86,222	102,863	120,962	140,388	164,134		
Price, wholesale (N.Y. Harbor, No. 2 fuel).....dol. per gal.	.099	.099	.099	.104	.107	.112	.112	.107	.102	.096	.096	.093		
Residual fuel oil:														
Production.....thous. of bbl.	29,197	29,738	29,361	34,246	34,622	31,493	32,569	28,104	27,874	27,448	25,514	27,393		
Imports.....do.	10,139	16,564	15,945	23,058	26,153	26,354	31,409	14,984	13,861	14,671	11,272	11,764		
Exports.....do.	2,782	2,488	1,997	1,814	3,234	2,345	2,703	2,572	1,950	2,499	2,145	1,554		
Stocks, end of month.....do.	67,670	67,045	66,223	59,508	55,214	54,178	57,210	53,327	55,821	55,479	54,509	57,855		
Price, wholesale (Okla., No. 6 fuel).....dol. per bbl.	1.30	1.40	1.50	1.60	1.70	1.90	1.90	1.80	1.80	1.60	1.60	1.60		
Jet fuel:														
Production.....thous. of bbl.	7,061	6,558	5,804	6,982	6,112	6,218	7,958	7,154	7,060	7,331	7,974	9,044		
Stocks, end of month.....do.	6,145	5,373	5,184	5,871	6,257	6,499	7,879	7,842	7,960	7,995	7,995	8,433		
Lubricants:														
Production.....do.	4,162	4,519	4,313	4,692	4,360	3,941	4,632	4,751	4,754	4,615	4,958	4,593		
Exports.....do.	978	1,262	1,168	977	1,051	961	1,174	1,411	1,181	1,231	1,281	1,154		
Stocks, end of month.....do.	10,037	9,765	9,412	9,877	9,494	9,728	9,407	9,170	8,912	8,396	8,402	8,274		
Price, wholesale, bright stock (midcontinent, f.o.b. Tulsa).....dol. per gal.	.230	.230	.230	.230	.230	.230	.230	.230	.230	.230	.230	.240		
Asphalt:														
Production.....thous. of bbl.	10,352	9,384	6,949	4,524	4,510	4,379	6,769	7,674	9,281	10,582	11,515	11,406		
Stocks, end of month.....do.	8,696	7,351	8,416	9,757	11,252	12,726	14,270	15,235	15,351	14,228	12,853	11,409		
Liquefied petroleum gases:														
Production.....do.	4,691	4,506	4,773	5,602	5,171	5,353	6,134	5,861	5,771	5,636	5,657	5,576		
Transfers from gasoline plants.....do.	8,312	9,708	11,033	16,338	17,383	12,784	10,813	9,314	8,251	9,504	9,875	11,236		
Stocks (at plants, terminals, underground, and at refineries).....thous. of bbl.	21,863	22,316	21,970	17,323	11,956	11,154	13,318	17,051	21,737	24,544	26,819	27,961		
Asphalt and tar products, shipments:														
Asphalt roofing, total.....thous. of squares.	6,096	5,880	3,864	2,391	2,698	3,365	6,950	3,985	4,749	5,563	6,163	5,916	6,508	
Roll roofing and cap sheet.....do.	2,486	2,377	1,472	851	1,029	1,221	2,524	1,379	1,568	1,820	2,079	2,112	2,430	
Shingles, all types.....do.	3,611	3,503	2,391	1,540	1,669	2,144	4,426	2,606	3,182	3,743	4,083	3,804	4,078	
Asphalt siding.....do.	114	132	97	59	54	67	110	53	62	69	88	87	109	
Insulated siding.....do.	197	188	113	68	76	69	107	143	159	156	176	168	165	
Asphalt board products.....thous. of sq. ft.	1,925	1,842	1,153	1,058	950	1,094	1,484	2,206	1,870	2,087	2,280	1,721	2,211	
Saturated felts.....short tons.	86,761	81,137	65,787	54,392	58,927	66,678	120,966	80,148	83,830	93,477	102,080	87,528	95,489	

**PULP, PAPER, AND PRINTING**

<b>PULPWOOD AND WASTE PAPER</b>														
Pulpwood:														
Receipts.....thous. of cords (128 cu. ft.)	3,043	3,407	2,841	2,839	3,174	2,962	3,040	2,805	2,950	3,117	3,215	* 3,536	3,336	
Consumption.....do.	2,934	3,388	3,047	2,813	3,165	2,942	3,255	3,314	3,285	3,286	3,075	* 3,424	3,215	
Stocks, end of month.....do.	6,120	6,103	5,932	5,942	5,931	5,932	5,740	5,205	4,835	4,670	4,822	* 4,920	5,048	
Waste paper:														
Consumption.....thous. of short tons.	* 785.2	805.4	719.2	692.5	712.9	745.9	794.4	786.8	783.6	793.6	695.9	796.2	784.5	
Stocks, end of month.....do.	429.4	436.9	439.9	469.8	465.4	449.5	455.8	471.5	489.0	491.7	542.9	513.9	524.5	
<b>WOOD PULP</b>														
Production:														
Total, all grades.....thous. of short tons.	1,822.6	2,081.6	1,908.2	1,754.3	1,961.0	1,836.1	2,039.6	2,060.1	2,090.0	2,055.0	1,912.5	* 2,129.6	2,001.8	
Dissolving and special alpha.....do.	72.1	88.4	84.7	77.7	93.8	90.2	94.4	90.0	86.6	94.2	76.0	85.0	98.0	
Sulfate.....do.	1,034.3	1,205.4	1,109.5	981.6	1,111.3	1,044.8	1,153.7	1,181.4	1,207.2	1,171.7	1,091.5	* 1,216.0	1,126.1	
Non-sulfate.....do.	189.1	223.5	197.7	194.0	207.1	184.3	213.0	210.9	207.6	199.5	182.1	* 209.3	195.2	
Groundwood.....do.	234.5	258.3	237.5	235.0	265.5	243.4	264.0	267.2	271.5	265.5	251.3	270.2	255.3	
Defibrated or exploded.....do.	102.8	104.8	93.8	93.1	98.0	91.8	109.0	105.9	106.7	111.8	107.7	116.2	112.0	
Soda, semichem., screenings, damaged, etc. do.	189.9	201.4	184.9	172.8	185.3	181.5	205.4	204.7	210.2	212.2	203.8	* 222.8	215.2	
Stocks, end of month:														
Total, all mills.....do.	873.3	888.8	886.8	878.4	906.6	900.4	924.1	916.4	950.9	932.9	914.2	* 900.1	868.4	
Pulp mills.....do.	258.9	272.0	273.9	248.8	271.1	272.5	298.2	317.9	306.4	317.9	288.4	* 284.1	263.7	
Paper and board mills.....do.	533.3	538.8	528.3	543.8	552.7	548.3	546.6	545.3	555.6	546.3	547.2	542.6	532.2	
Nonpaper mills.....do.	81.1	82.9	84.6	85.9	82.8	79.6	79.3	78.7	77.5	80.2	78.6	73.4	72.6	
Exports, all grades, total.....do.	38.8	41.1	46.9	40.3	53.1	43.0	47.9	52.7	37.2	55.7	57.2	57.1	76.0	
Dissolving and special alpha.....do.	14.2	22.0	17.0	18.8	22.1	22.1	27.0	20.5	21.8	24.0	24.2	23.3	36.4	
All other.....do.	24.6	19.1	30.0	21.5	30.9	20.8	20.9	32.3	15.4	31.7	32.9	33.8	39.6	
Imports, all grades, total.....do.	193.6	199.4	198.3	198.5	215.9	186.1	180.3	213.7	200.9	214.3	214.3	189.9	191.8	
Dissolving and special alpha.....do.	15.3	14.9	12.4	15.3	11.4	12.4	12.4	15.9	13.0	14.0	12.0	15.4	15.9	
All other.....do.	178.3	184.5	185.9	183.1	204.5	173.7	167.9	197.8	187.9	200.3	202.3	174.6	175.9	
<b>PAPER AND PAPER PRODUCTS</b>														
All paper and board mills, production:														
Paper and board, total.....thous. of short tons.	* 2,654	2,914	2,640	2,513	2,707	2,621	2,867	2,958	2,925	2,921	2,676	* 2,955	2,844	
Paper.....do.	* 1,121	1,253	1,149	1,125	1,213	1,145	1,239	1,294	1,277	1,258	1,166	* 1,268	1,215	
Paperboard.....do.	* 1,244	1,414	1,297	1,151	1,239	1,222	1,335	1,352	1,344	1,353	1,203	* 1,373	1,319	
Wet-machine board.....do.	12	14	10	11	12	11	12	13	13	13	13	* 15	12	
Construction paper and board.....do.	276	285	243	225	243	243	281	299	291	297	295	* 300	298	

\* Revised.    \* Preliminary.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
Septem-ber	October	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	June	July	August	Septem-ber	October

## PULP, PAPER, AND PRINTING—Continued

<b>PAPER AND PAPER PRODUCTS—Continued</b>													
Paper, except building paper, newsprint, and paper-board (American Paper and Pulp Association):													
Orders, new <sup>1</sup> .....thous. of short tons	805.9	906.2	852.4	819.5	923.2	900.0	975.0	1,009.2	934.5	* 939.3	* 900.4	<sup>2</sup> 853.0	-----
Orders, unfilled, end of month <sup>1</sup> .....do	657.4	686.5	697.4	640.3	601.6	669.6	704.6	761.3	722.4	* 741.3	* 786.3	<sup>2</sup> 672.0	-----
Production.....do	984.6	1,102.0	1,007.1	986.8	1,054.7	1,000.2	1,082.1	1,142.7	1,120.6	* 1,099.9	* 1,022.1	<sup>2</sup> 887.0	-----
Shipments <sup>1</sup> .....do	796.1	901.1	813.5	797.5	873.3	836.3	897.3	950.3	934.4	* 932.5	* 854.5	<sup>2</sup> 870.0	-----
Stocks, end of month <sup>1</sup> .....do	504.6	541.6	531.6	537.8	534.0	542.4	540.0	552.7	553.6	* 551.2	* 539.0	<sup>2</sup> 491.0	-----
Fine paper:													
Orders, new.....do	108.2	130.2	126.6	115.3	149.2	146.9	158.3	162.2	140.5	* 146.9	* 126.7	138.0	-----
Orders, unfilled, end of month.....do	65.5	70.1	73.0	66.6	78.6	89.7	101.6	109.7	102.0	* 103.4	* 101.2	93.0	-----
Production.....do	133.2	144.3	133.9	138.0	138.4	135.9	148.0	152.0	149.2	* 151.1	* 122.3	153.0	-----
Shipments.....do	111.0	128.7	125.4	118.7	141.9	137.5	148.5	150.3	148.9	* 151.2	* 121.4	147.0	-----
Stocks, end of month.....do	116.9	130.7	136.0	145.9	131.3	129.6	129.1	128.2	127.3	* 130.2	* 116.8	127.0	-----
Printing paper:													
Orders, new.....do	320.8	357.0	361.8	345.5	384.0	370.4	418.1	437.8	386.9	* 393.8	* 394.0	381.0	-----
Orders, unfilled, end of month.....do	398.7	414.4	441.2	394.8	329.3	360.8	391.2	430.5	407.8	* 435.3	* 475.2	419.0	-----
Production.....do	328.1	358.3	325.7	329.0	358.2	329.1	370.6	383.8	378.6	* 379.2	* 335.8	395.0	-----
Shipments.....do	324.3	356.0	326.4	329.3	353.2	326.8	362.5	382.6	376.4	* 381.4	* 358.0	390.0	-----
Stocks, end of month.....do	225.1	227.3	226.7	226.6	236.5	238.8	246.9	248.0	250.3	* 248.0	* 245.8	251.0	-----
Price, wholesale, book paper, "A" grade, English finish, white, f.o.b. mill.....dol. per 100 lb.	15.95	15.95	15.95	15.95	15.95	15.95	15.95	16.28	16.28	16.28	16.45	16.45	* 16.45
Coarse paper:													
Orders, new.....thous. of short tons	323.5	359.2	312.0	298.0	330.4	327.1	332.2	343.5	346.6	* 334.2	* 325.9	334.0	-----
Orders, unfilled, end of month.....do	139.6	152.8	143.1	131.0	147.5	168.1	159.5	164.8	161.4	* 153.3	* 164.8	160.0	-----
Production.....do	309.2	350.5	326.5	298.0	320.6	311.7	327.9	352.2	346.5	* 339.4	* 322.8	339.0	-----
Shipments.....do	307.2	354.8	309.0	294.9	319.8	316.2	324.9	353.8	343.2	* 335.9	* 320.6	333.0	-----
Stocks, end of month.....do	96.7	105.3	103.5	95.6	101.1	103.2	97.7	105.7	104.6	* 105.9	* 111.5	113.0	-----
Newsprint:													
Canada (incl. Newfoundland):													
Production.....do	490.8	544.1	518.1	476.2	491.1	466.0	511.9	534.6	551.3	534.2	535.8	541.5	532.8
Shipments from mills.....do	495.3	555.1	527.7	494.3	465.9	416.2	453.2	577.5	589.1	535.6	547.0	531.1	560.6
Stocks at mills, end of month.....do	223.3	212.3	202.7	184.7	209.9	259.6	318.3	275.4	237.5	236.1	224.9	235.2	207.5
United States:													
Production.....do	137.2	154.8	152.6	144.7	165.7	149.6	161.8	161.3	172.4	167.9	149.2	173.8	149.2
Shipments from mills.....do	139.7	158.7	150.6	148.8	155.1	155.0	159.2	168.6	166.8	161.4	156.5	167.7	155.6
Stocks at mills, end of month.....do	22.6	18.6	20.6	16.5	27.1	21.7	24.3	16.9	22.5	29.0	21.7	27.8	21.3
Consumption by publishers <sup>3</sup> .....do	413.0	470.0	465.2	394.3	394.9	384.5	457.7	466.5	484.2	428.9	400.1	423.0	449.0
Stocks at and in transit to publishers, end of month <sup>3</sup> .....thous. of short tons	697.2	655.3	632.8	651.7	651.8	636.3	578.5	567.9	562.4	579.8	625.8	642.8	660.4
Imports.....do	391.6	439.5	431.3	432.1	341.6	351.6	410.3	430.7	477.0	458.2	434.1	434.4	462.1
Price, rolls, contract, delivered to principal ports.....dol. per short ton	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	134.40	* 134.40
Paperboard (National Paperboard Association):													
Orders, new.....thous. of short tons	1,309.2	1,400.0	1,224.6	1,249.1	1,168.6	1,255.9	1,381.1	1,384.2	1,388.8	1,375.2	1,282.4	1,395.9	1,367.1
Orders, unfilled, end of month.....do	482.8	427.6	369.6	405.3	375.6	423.7	498.7	507.4	497.8	478.6	550.6	507.4	483.2
Production, total.....do	1,255.1	1,408.3	1,269.6	1,203.0	1,196.0	1,215.2	1,346.2	1,351.2	1,388.0	1,386.7	1,209.5	1,418.7	1,360.1
Percent of activity.....do	90	95	92	81	89	93	93	94	93	96	85	96	93
Paper products:													
Shipping containers, corrugated and solid fiber, shipments.....mil. sq. ft. surface area	9,032	9,876	8,107	7,967	8,391	8,118	8,982	9,208	9,121	9,121	8,908	9,486	10,034
Folding paper boxes, index of physical volume:													
Consumption of boxboard.....1947-49=100	135.6	139.7	117.5	122.7	133.1	139.4	146.7	138.5	132.2	137.1	134.6	137.2	135.9
Shipments of boxes.....do	133.1	139.1	118.3	129.1	117.5	117.9	134.7	124.6	123.4	129.8	121.4	127.7	133.1
<b>PRINTING</b>													
Book publication, total.....number of editions	<sup>1</sup> 1,023	1,217	1,307	<sup>1</sup> 1,728	469	1,073	<sup>1</sup> 1,574	1,299	1,280	<sup>1</sup> 1,500	1,048	<sup>1</sup> 1,189	864
New books.....do	<sup>1</sup> 871	1,007	1,092	<sup>1</sup> 1,411	368	873	<sup>1</sup> 1,334	1,022	968	<sup>1</sup> 1,120	822	<sup>1</sup> 946	684
New editions.....do	<sup>1</sup> 152	210	215	<sup>1</sup> 317	101	200	<sup>1</sup> 240	277	312	<sup>1</sup> 380	226	<sup>1</sup> 243	180

## RUBBER AND RUBBER PRODUCTS

<b>RUBBER</b>													
Natural rubber:													
Consumption.....long tons	44,743	48,875	43,031	46,891	49,913	47,345	51,991	41,483	38,777	47,786	47,545	46,914	49,252
Stocks, end of month.....do	82,622	77,859	74,969	77,807	82,487	79,657	78,871	78,157	82,983	84,727	80,059	80,106	78,208
Imports, including latex and guayule.....do	41,343	45,136	41,819	54,492	54,950	48,917	48,584	44,347	45,450	46,048	47,527	45,359	47,643
Price, wholesale, smoked sheets (New York).....dol. per lb.	.294	.313	.324	.299	.301	.301	.315	.340	.366	.346	.350	.370	<sup>3</sup> .400
Synthetic rubber:													
Production.....long tons	90,979	100,981	102,496	101,655	108,504	102,297	111,377	108,477	109,951	106,716	114,316	119,031	119,847
Consumption.....do	79,166	88,818	79,723	86,189	89,636	87,393	95,089	79,739	74,615	91,695	93,734	91,037	96,859
Stocks, end of month.....do	182,840	178,534	183,511	186,233	187,043	187,181	183,866	182,939	191,763	179,596	176,604	183,516	178,306
Exports.....do	13,100	17,151	17,078	17,177	17,762	16,143	22,150	25,990	27,941	28,193	26,261	23,729	30,634
Reclaimed rubber:													
Production.....do	22,596	26,523	22,396	24,800	25,790	25,290	29,310	21,671	19,401	26,119	27,863	25,276	28,123
Consumption.....do	21,899	23,708	21,401	23,379	25,002	24,471	27,869	22,380	20,496	24,998	23,942	22,914	25,137
Stocks, end of month.....do	26,676	27,340	27,680	29,063	27,157	27,504	27,582	25,131	23,554	23,448	25,949	26,165	27,384
<b>TIRES AND TUBES</b>													
Pneumatic casings:													
Production.....thousands	8,277	9,344	8,393	9,376	10,184	10,270	11,350	8,025	7,796	10,294	11,223	9,683	10,103
Shipments, total.....do	7,912	8,454	7,788	8,892	9,806	8,551	10,557	10,099	9,726	10,237	10,532	7,957	9,298
Original equipment.....do	1,442	1,838	3,369	4,057	2,960	2,805	3,336	3,594	3,291	3,392	3,588	1,249	2,345
Replacement equipment.....do	6,365	6,476	4,320	4,711	6,742	5,611	7,103	7,207	6,356	6,756	6,832	6,549	6,819
Export.....do	105	140	100	124	104	135	117	109	79	90	112	114	135
Stocks, end of month.....do	18,925	19,913	20,403	20,988	21,399	23,019	23,862	20,872	18,727	19,088	19,877	21,730	22,542
Exports (Bur. of Census).....do	109	86	118	113	101	75	92	103	96	73	79	91	91
Inner tubes:													
Production.....do	3,390	3,768	3,319	3,491	3,806	4,094	4,459	3,380	2,752	3,683	4,345	3,716	4,065
Shipments.....do	3,498	3,567	2,899	3,411	4,800	4,816	4,435	3,928	3,275	3,872	3,948	* 3,583	3,693
Stocks, end of month.....do	7,657	7,869	8,372	8,617	7,536	7,364	7,629	7,219	6,849	7,000	7,560	7,848	8,334
Exports (Bur. of Census).....do	69	77	71	89	123	69	75	77	80	63	54	67	77

\* Revised. \* Preliminary. <sup>1</sup> Data for months noted cover 5 weeks; other months, 4 weeks. <sup>2</sup> August data exclude estimates for tissue and miscellaneous papers. <sup>3</sup> September 14 quotation. \* Data exclude estimates for "tissue paper." \* As reported by publishers accounting for about 75.5 percent of total newsprint consumption in 1958.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>STONE, CLAY, AND GLASS PRODUCTS</b>														
<b>PORTLAND CEMENT</b>														
Production, finished cement.....thous. of bbl.	31,597	32,847	28,031	23,590	18,604	16,710	24,329	29,093	33,428	33,455	34,180	34,800	32,590	
Percent of capacity.....	98	98	86	70	55	54	72	88	96	100	99	100	97	
Shipments, finished cement.....thous. of bbl.	35,031	36,880	24,758	16,817	14,544	14,943	23,250	30,423	33,278	36,361	37,370	37,111	35,351	
Stocks, end of month:														
Finished.....do.....	24,445	20,415	23,686	30,800	34,838	36,680	37,711	36,378	36,527	33,605	30,415	28,102	25,341	
Clinker.....do.....	15,360	12,494	12,124	15,479	20,364	25,183	27,662	27,544	28,037	23,109	19,981	16,078	13,425	
<b>CLAY CONSTRUCTION PRODUCTS</b>														
Shipments:														
Brick, unglazed (common and face) mil. of standard brick.....	661.4	696.7	580.3	425.8	365.1	388.6	597.7	685.2	629.1	737.4	723.9	686.7		
Structural tile, except facing.....thous. of short tons.....	47.4	54.0	46.5	37.9	38.3	34.6	40.1	49.8	48.0	49.6	50.8	48.6		
Sewer pipe and fittings, vitrified.....do.....	186.1	190.0	152.5	118.1	101.4	99.8	153.4	185.7	182.0	194.9	195.9	199.1		
Facing tile (hollow), glazed and unglazed mil. brick equivalent.....	39.8	43.4	37.2	37.5	32.6	28.6	30.8	36.2	37.6	38.4	40.3	36.7		
Floor and wall tile and accessories, glazed and unglazed.....mil. of sq. ft.....	19.3	21.4	17.6	18.5	17.6	18.0	19.8	21.7	21.5	22.2	22.3	22.0		
Price index, brick (common), f.o.b. plant or N.Y. dock 1947-49=100.....	135.7	135.7	136.3	137.1	137.9	137.9	138.2	138.5	139.1	139.1	139.6	139.2	139.2	
<b>GLASS AND GLASS PRODUCTS</b>														
Flat glass, mfrs.' shipments (qtrly. total).....thous. of dol.	57,611			40,070			57,269			78,102				
Sheet (window) glass, shipments.....do.....	27,497			21,181			28,438			35,186				
Plate and other flat glass, shipments.....do.....	30,114			18,889			28,831			42,916				
Glass containers:														
Production.....thous. of gross.....	12,583	13,217	11,455	10,515	11,504	11,416	11,518	13,226	13,354	13,713	13,757	14,944	11,832	
Shipments, domestic, total.....do.....	13,314	12,683	10,487	10,505	11,036	10,347	11,929	12,384	13,242	13,585	13,109	19,712	12,282	
General-use food:														
Narrow-neck food.....do.....	2,369	1,407	927	977	1,124	1,065	1,208	1,240	1,305	1,316	1,466	2,850	1,659	
Wide-mouth food (incl. packers' tumblers, jelly glasses, and fruit jars).....thous. of gross.....	4,271	3,867	3,224	3,218	3,297	3,101	3,375	3,271	3,569	3,850	3,753	5,922	3,909	
Beverage.....do.....	462	664	593	804	573	549	961	1,119	1,378	1,558	1,272	1,054	598	
Beer bottles.....do.....	811	686	639	867	693	643	872	1,328	1,670	1,432	1,381	1,662	1,015	
Liquor and wine.....do.....	1,290	1,577	1,312	1,030	1,137	1,097	1,247	1,222	1,240	1,297	1,291	2,244	1,289	
Medicinal and toilet.....do.....	2,871	3,261	2,751	2,580	2,952	2,724	3,000	2,882	2,839	2,837	2,673	4,184	2,502	
Chemical, household and industrial.....do.....	1,048	1,045	882	823	1,107	1,025	1,130	1,178	1,101	1,148	1,114	1,519	1,107	
Dairy products.....do.....	192	176	159	206	153	143	136	144	140	147	159	277	203	
Stocks, end of month.....do.....	17,971	18,176	18,820	18,537	18,771	18,938	19,341	19,943	19,832	19,774	20,195	15,120	14,403	
<b>GYPSUM AND PRODUCTS</b>														
Crude gypsum, quarterly total:														
Imports.....thous. of short tons.....	1,067			1,196			841			1,780			1,890	
Production.....do.....	2,667			2,649			2,327			2,834				
Calcined, production, quarterly total.....do.....	2,310			2,102			2,033			2,459				
Gypsum products sold or used, quarterly total:														
Uncalcined uses.....thous. of short tons.....	915			1,060			774			1,061				
Industrial uses.....do.....	68			62			70			75				
Building uses:														
Plasters:														
Base-coat.....do.....	377			318			310			375				
All other (incl. Keene's cement).....do.....	341			292			257			333				
Lath.....mil. of sq. ft.....	620.7			542.9			496.6			637.7				
Wallboard.....do.....	1,399.6			1,393.0			1,342.0			1,603.6				
All other \$.....do.....	61.9			56.2			51.4			77.6				

**TEXTILE PRODUCTS**

<b>APPAREL</b>														
Hosiery, shipments.....thous. of dozen pairs.....	14,264	16,001	13,448	11,774	13,593	12,684	12,891	12,228	10,926	13,417	12,418	14,242	14,448	
Men's apparel, cuttings:†														
Tailored garments:														
Suits.....thous. of units.....	1,344	1,179	1,616	1,680	1,612	1,608	1,940	1,768	1,700	1,895	1,020	1,800	1,203	
Overcoats and topcoats.....do.....	444	470	320	240	200	248	345	488	524	645	452	608	630	
Coats (separate), dress and sport.....do.....	628	690	736	855	884	912	870	912	980	1,090	640	948	985	
Trousers (separate), dress and sport.....do.....	5,612	6,490	5,476	6,155	6,552	6,456	8,000	7,992	8,324	7,510	6,656	8,000	9,025	
Shirts (woven fabrics), dress and sport.....thous. of doz.....	1,700	2,035	1,684	1,705	1,752	1,740	1,860	1,812	1,768	1,795	1,520	1,804	2,045	
Work clothing:														
Dungarees and waistband overalls.....do.....	240	290	240	185	224	284	325	356	304	310	264	312	355	
Shirts.....do.....	328	395	304	310	360	336	350	376	340	345	304	344	390	
Women's, misses', juniors' outerwear, cuttings:†														
Coats.....thous. of units.....	2,363	2,700	2,023	1,490	2,307	2,273	2,099	1,117	1,143	1,966	2,346	2,223	2,223	
Dresses.....do.....	19,118	20,972	18,402	18,083	20,698	21,383	26,343	28,481	25,470	21,159	18,040	19,253	18,760	
Suits.....do.....	656	722	796	763	1,610	1,505	1,042	553	483	779	982	818	571	
Waists, blouses, and shirts.....thous. of doz.....	1,233	1,374	1,055	944	1,280	1,307	1,412	1,396	1,340	1,260	1,236	1,253	1,244	
Skirts.....do.....	652	743	561	498	723	755	730	761	914	890	912	873	804	

† Revised. ‡ Preliminary. 1 Data cover a 5-week period.

§ Comprises sheathing, formboard, and laminated board.

† Data for October and December 1958 and March, June and September 1959 cover 5-week periods and for other months, 4 weeks.

△ Revisions for January 1957-July 1958 are available upon request.



Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS

1958				1959									
September	October	November	December	January	February	March	April	May	June	July	August	September	October

## TEXTILE PRODUCTS—Continued

<b>COTTON</b>													
Cotton (exclusive of linters):													
Production:													
Ginnings§.....thous. of running bales	2,623	7,313	10,215	<sup>1</sup> 10,919	<sup>2</sup> 11,340						151	1,046	4,448
Crop estimate, equivalent 500-lb. bales													
thous. of bales						<sup>3</sup> 11,435							9,718
Consumption¶.....do	<sup>r</sup> 650	<sup>s</sup> 833	673	<sup>s</sup> 727	687	700	<sup>s</sup> 11,512				650	712	<sup>s</sup> 863
Stocks in the United States, end of month,							<sup>s</sup> 863	717	702	<sup>s</sup> 820			<sup>s</sup> 14,801
total¶.....do	<sup>r</sup> 18,384	17,420	16,453	15,473	14,582	13,673	12,550	11,610	10,683	9,686	8,900	22,587	21,615
Domestic cotton, total.....do	<sup>r</sup> 18,279	17,319	16,361	15,389	14,500	13,597	12,479	11,547	10,625	9,630	8,861	22,482	21,517
On farms and in transit.....do	<sup>r</sup> 9,658	5,808	3,114	1,182	699	494	544	481	434	391	220	14,112	11,111
Public storage and compresses.....do	<sup>r</sup> 7,256	10,205	11,861	12,706	12,275	11,541	10,342	9,513	8,738	7,966	7,556	7,568	9,706
Consuming establishments.....do	<sup>r</sup> 1,365	1,305	1,386	1,501	1,526	1,562	1,553	1,453	1,273	1,085	802	700	
Foreign cotton, total.....do	<sup>r</sup> 104	102	92	84	82	76	71	64	58	56	39	105	98
Exports†.....do	212	181	314	298	222	211	284	245	249	236	129	98	230
Imports.....do	23	12	( <sup>6</sup> )	1	1	2	3	3	4	2	1	98	24
Prices (farm), American upland.....cents per lb.	34.5	33.3	32.4	30.3	28.2	28.2	30.1	31.3	31.8	31.5	34.1	33.3	<sup>r</sup> 33.1
Prices, wholesale, middling 1", average 14 markets.....cents per lb.	34.7	34.8	34.8	34.4	34.3	34.3	34.4	34.6	34.6	34.5	33.6	32.0	31.8
Cotton linters:													
Consumption¶.....thous. of bales	<sup>r</sup> 89	<sup>s</sup> 104	90	<sup>s</sup> 107	101	101	<sup>s</sup> 121	103	102	<sup>s</sup> 114	93	<sup>r</sup> 109	<sup>s</sup> 140
Production¶.....do	94	217	175	162	162	131	128	96	52	38	29	46	160
Stocks, end of month¶.....do	<sup>r</sup> 676	782	827	857	864	868	846	797	732	630	548	465	392
<b>COTTON MANUFACTURES</b>													
Spindle activity (cotton system spindles)¶:													
Active spindles, last working day, total.....thous.	<sup>r</sup> 19,244	19,279	19,269	19,276	19,283	19,272	19,265	19,555	19,238	19,266	19,166	19,258	19,292
Consuming 100 percent cotton.....do	17,641	17,650	17,611	17,616	17,636	17,642	17,637	17,945	17,591	17,598	17,501	17,613	17,652
Spindle hours operated, all fibers, total.....millions	<sup>r</sup> 8,941	<sup>s</sup> 11,447	9,180	<sup>s</sup> 10,427	9,352	9,542	<sup>s</sup> 11,706	9,567	9,592	<sup>s</sup> 11,382	8,817	9,715	<sup>s</sup> 11,930
Average per working day.....do	<sup>r</sup> 447	458	459	417	468	477	468	478	480	455	441	486	477
Consuming 100 percent cotton.....do	8,190	<sup>s</sup> 10,496	8,389	<sup>s</sup> 9,453	8,552	8,743	<sup>s</sup> 10,743	8,776	8,781	<sup>s</sup> 10,392	8,020	8,817	<sup>s</sup> 10,946
Cotton yarn, natural stock, on cones or tubes:													
Prices, wholesale, f.o.b. mill:													
20/2, carded, weaving.....dol. per lb.	.661	.661	.661	.661	.661	.666	.676	.672	.672	.672	.676	.676	<sup>r</sup> .681
36/2, combed, knitting.....do	.933	.931	.931	.931	.931	.943	.946	.946	.946	.934	.936	.936	<sup>r</sup> .938
Cotton cloth:													
Cotton broadwoven goods over 12 inches in width, production, quarterly†.....mil. of linear yd.	2,099			<sup>r</sup> 2,329			2,382			2,389			
Exports.....thous. of sq. yd.	39,109	41,629	38,729	38,037	42,490	34,096	41,704	37,986	39,908	42,902	33,052	38,203	37,081
Imports†.....do	11,406	8,078	15,004	9,481	9,102	14,012	13,674	12,320	16,370	16,600	18,307	17,244	20,349
Prices, wholesale:													
Mill margins.....cents per lb.	22.24	22.16	23.36	25.06	25.01	25.97	26.91	27.18	27.67	28.20	28.75	30.36	31.41
Denim, white back, 28-inch, 8 oz./yd.....cents per yd.	36.4		36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	<sup>r</sup> 36.4
Print cloth, 39-inch, 68 x 72.....do	15.4	15.4	15.6	16.5	16.5	16.5	16.5	16.4	16.1	16.5	16.5	16.5	<sup>r</sup> 16.5
Sheeting, class B, 40-inch, 48 x 44-48.....do	15.8	15.8	16.0	16.3	16.5	17.0	17.3	17.3	17.3	17.3	17.3	17.3	<sup>r</sup> 17.3
<b>MANMADE FIBERS AND MANUFACTURES</b>													
Fiber production, quarterly total¶.....mil. of lb.													
Filament yarn (rayon and acetate).....do	162.0			167.4			175.0			190.4	<sup>s</sup> 65.0	<sup>r</sup> <sup>s</sup> 63.1	<sup>s</sup> 63.0
Staple, incl. tow (rayon).....do	81.3			97.7			96.1			93.8	<sup>s</sup> 29.6	<sup>r</sup> <sup>s</sup> 30.7	<sup>s</sup> 29.1
Noncellulosic (nylon, acrylic, protein, etc.).....do	121.9			147.2			154.3			166.2			
Exports: Yarns and monofilaments.....thous. of lb.	4,078	3,750	3,565	3,644	3,574	2,572	4,290	3,255	4,200	2,666	3,809	4,853	4,463
Staple, tow, and tops.....do	2,562	1,986	2,246	2,687	1,935	2,770	2,038	2,263	2,513	2,655	2,863	2,539	3,902
Imports: Yarns and monofilaments.....do	264	587	175	308	482	285	182	443	459	739	409	522	550
Staple, tow, and tops.....do	4,597	8,920	8,089	10,190	7,818	9,289	10,551	13,517	9,030	12,173	9,696	8,700	12,191
Stocks, producers', end of month:													
Filament yarn (rayon and acetate).....mil. of lb.	60.6	59.2	55.6	51.7	50.4	48.1	45.3	43.8	43.9	43.9	46.2	<sup>r</sup> 44.5	47.7
Staple, incl. tow (rayon).....do	48.3	45.1	42.3	44.7	47.7	50.9	49.3	49.5	45.4	42.9	45.1	<sup>r</sup> 51.8	54.7
Prices, rayon (viscose):													
Yarn, filament, 150 denier.....dol. per lb.	.76	.76	.76	.76	.76	.76	.78	.78	.79	.79	.82	.82	<sup>r</sup> .82
Staple, 1.5 denier.....do	.31	.31	.31	.31	.31	.31	.31	.32	.32	.33	.33	.33	<sup>r</sup> .33
Manmade-fiber broadwoven fabrics:													
Production, quarterly total¶.....thous. of linear yd.	584,192			<sup>r</sup> 625,203			618,820			618,315			
Rayon and acetate (excl. tire fabric).....do	416,385			<sup>r</sup> 431,335			414,501			407,961			
Nylon and chiefly nylon mixtures.....do	73,149			<sup>r</sup> 77,422			79,329			84,429			
Exports, piece goods.....thous. of sq. yd.	11,870	15,914	12,238	11,742	12,794	10,941	13,677	13,924	14,210	14,135	11,665	13,775	16,023
<b>SILK</b>													
Imports, raw.....thous. of lb.	259	522	848	993	569	574	502	248	954	627	317	736	1,097
Price, raw, A.A., 20-22 denier.....dol. per lb.	4.20	3.72	3.68	3.62	3.61	3.88	4.03	4.11	4.11	4.13	4.09	4.12	<sup>r</sup> 4.09
Production, fabric, qtrly. total†.....thous. of linear yd.	4,947			<sup>r</sup> 6,645			5,846			6,449			
<b>WOOL</b>													
Wool consumption, mill (clean basis):¶													
Apparel class.....thous. of lb.	18,077	<sup>s</sup> 21,173	17,313	<sup>s</sup> 20,055	19,809	20,265	<sup>s</sup> 25,415	23,069	22,699	<sup>s</sup> 27,020	20,892	21,682	<sup>s</sup> 25,547
Carpet class.....do	11,655	<sup>s</sup> 14,258	12,477	<sup>s</sup> 14,489	14,458	14,583	<sup>s</sup> 16,135	13,941	12,928	<sup>s</sup> 14,148	9,776	13,612	<sup>s</sup> 15,558
Wool imports, clean content†.....do	14,834	23,833	21,221	25,626	31,076	25,317	35,173	31,218	29,316	26,079	20,569	<sup>r</sup> 18,837	25,212
Apparel class (durable), clean content†.....do	5,032	5,206	7,811	10,568	11,006	11,230	13,167	11,028	11,270	7,801	7,191	7,367	7,742

<sup>r</sup> Revised. <sup>p</sup> Preliminary. <sup>1</sup> Ginnings to December 13. <sup>2</sup> Ginnings to January 16. <sup>3</sup> Total ginnings of 1958 crop. <sup>4</sup> November 1 estimate of 1959 crop. <sup>5</sup> Data cover a 5-week period. <sup>6</sup> Less than 500 bales. <sup>7</sup> Data cover 14 weeks; other periods, 13 weeks. <sup>8</sup> Data are for month shown.

† Data for October and December 1958 and March, June, and September 1959 cover 5-week periods and for other months, 4 weeks; cotton stocks and number of active spindles are for end of period covered.

¶ Data beginning October 1958 for production of linters and for that part of stocks "at oil mills" are in thousands of equivalent 600-pound bales (earlier data in thousands of running bales). October 1958 figures comparable with data shown through September (thous. of bales): Production, 208; total stocks, 777.

¶ Includes data not shown separately.

† Scattered revisions for January 1957-July 1958 are available upon request.

Unless otherwise stated, statistics through 1958 and descriptive notes are shown in the 1959 edition of BUSINESS STATISTICS	1958				1959									
	September	October	November	December	January	February	March	April	May	June	July	August	September	October
<b>TEXTILE PRODUCTS—Continued</b>														
<b>WOOL AND MANUFACTURES</b>														
Wool prices, raw, clean basis, Boston:														
Good French combing and staple:														
Graded territory, fine.....dol. per lb.	1.125	1.125	1.125	1.125	1.088	1.075	1.075	1.165	1.225	1.225	1.285	1.325	1.305	1.275
Graded fleece, 3/8 blood.....do.	.875	.843	.849	.915	.908	.870	.890	.962	1.025	1.025	1.085	1.115	1.098	1.072
Australian, 64s, 70s, good topmaking, in bond.....do.	1.175	1.075	1.025	1.025	1.025	.975	.975	1.035	1.075	1.075	1.115	1.125	1.135	1.125
Knitting yarn, worsted, 2/20s-50s/56s, Bradford system, wholesale price.....1947-49=100	93.5	91.0	88.5	90.5	90.5	89.3	90.5	94.8	99.8	102.2	102.2	106.0	107.2	---
Woolen and worsted woven goods, except woven felts:														
Production, quarterly total.....thous. of lin. yd.	69,174	---	---	166,291	---	---	72,466	---	---	83,586	---	---	---	---
Apparel fabrics, total.....do.	66,897	---	---	163,708	---	---	70,377	---	---	81,542	---	---	---	---
Other than Government orders, total.....do.	65,089	---	---	162,225	---	---	69,413	---	---	81,224	---	---	---	---
Men's and boys'.....do.	23,142	---	---	126,809	---	---	33,159	---	---	35,929	---	---	---	---
Women's and children's.....do.	41,947	---	---	135,416	---	---	36,254	---	---	45,295	---	---	---	---
Prices, wholesale, suiting, f.o.b. mill:														
Flannel, men's and boy's.....1947-49=100	106.7	106.7	104.5	104.5	104.5	105.6	103.7	103.7	105.4	105.4	105.4	105.4	108.1	---
Gabardine, women's and children's.....do.	90.8	89.1	89.1	89.1	89.1	90.8	90.8	90.8	90.8	90.8	92.4	92.4	92.4	---
<b>TRANSPORTATION EQUIPMENT</b>														
<b>AIRCRAFT</b>														
Manufacturers of complete types:														
Aircraft, engines, propellers, parts, etc.:														
Orders, new (net), quarterly total.....mil. of dol.	2,112	---	---	2,974	---	---	2,092	---	---	3,006	---	---	---	---
Sales (net), quarterly total.....do.	2,799	---	---	2,947	---	---	2,558	---	---	2,824	---	---	---	---
Backlog of orders, total, end of quarter.....do.	13,035	---	---	13,171	---	---	12,705	---	---	12,887	---	---	---	---
For U.S. military customers.....do.	7,130	---	---	6,933	---	---	6,575	---	---	6,364	---	---	---	---
Civilian aircraft:														
Shipments.....thous. of dol.	24,401	49,328	34,881	37,672	49,590	49,805	34,014	68,142	81,212	65,098	88,444	95,280	75,950	---
Airframe weight.....thous. of lb.	855.2	1,545.6	1,107.1	1,258.9	1,452.8	1,440.0	1,185.7	1,849.5	2,091.8	1,804.7	2,160.0	2,286.9	1,772.1	---
Exports (commercial and civilian).....thous. of dol.	13,279	8,064	9,767	9,951	12,991	4,213	4,168	8,576	2,778	5,162	20,467	14,414	13,897	---
<b>MOTOR VEHICLES</b>														
Factory sales, total.....number	149,256	342,324	605,334	709,078	635,664	577,093	686,612	702,952	660,278	674,689	663,444	316,060	309,117	<sup>2</sup> 601,500
Coaches, total.....do.	216	149	167	208	109	143	245	253	282	267	233	82	134	<sup>2</sup> 270
Domestic.....do.	212	149	124	165	112	141	200	251	235	242	209	58	134	---
Passenger cars, total.....do.	102,687	272,241	511,885	608,730	539,451	476,977	575,012	585,789	545,001	554,878	548,524	255,831	229,410	<sup>2</sup> 508,400
Domestic.....do.	98,009	263,491	497,218	594,188	527,588	466,504	563,849	575,268	535,195	545,660	541,458	252,556	220,621	---
Trucks, total.....do.	40,353	69,934	93,282	100,140	96,044	99,973	111,355	116,910	114,995	119,544	114,687	60,147	79,573	<sup>2</sup> 92,900
Domestic.....do.	34,232	55,865	79,618	82,688	81,599	83,775	93,000	98,906	95,561	100,462	92,186	47,959	64,568	---
Exports, total.....do.	15,267	14,755	18,873	35,641	24,248	21,319	31,452	26,586	26,211	27,078	22,154	16,929	16,860	---
Passenger cars (new and used).....do.	7,425	6,546	11,333	15,458	11,520	10,700	10,758	11,971	10,746	8,497	7,467	5,160	6,359	---
Trucks and buses.....do.	7,842	8,209	7,540	20,183	12,728	10,619	20,694	14,615	15,465	18,581	14,687	11,769	10,501	---
Imports (cars, trucks, buses), total.....do.	30,170	42,256	38,916	54,824	55,728	50,916	58,207	60,567	69,019	64,832	68,647	50,181	55,221	---
Passenger cars (new and used).....do.	34,592	41,245	37,569	53,218	54,075	49,167	56,474	57,898	66,765	62,860	66,516	49,120	53,331	---
Production, truck trailers: <sup>Δ</sup>														
Complete trailers, total.....do.	4,426	4,807	4,182	4,832	4,883	4,827	5,503	6,218	6,141	6,617	5,826	5,539	5,995	---
Vans.....do.	2,393	2,825	2,443	2,888	2,908	2,684	2,916	3,271	3,227	3,863	3,439	3,554	3,772	---
Trailer chassis, produced for sale separately.....do.	339	260	245	268	330	435	558	417	280	289	243	214	298	---
Registrations: <sup>⊙</sup>														
New passenger cars.....do.	<sup>3</sup> 317,070	<sup>3</sup> 321,285	<sup>3</sup> 334,876	<sup>3</sup> 511,284	419,512	423,793	496,717	573,777	582,266	584,816	564,985	532,279	457,285	---
New commercial cars.....do.	<sup>3</sup> 60,716	<sup>3</sup> 56,234	<sup>3</sup> 55,222	<sup>3</sup> 73,891	61,776	64,688	77,593	91,805	86,566	86,914	88,949	88,137	78,784	---
<b>RAILROAD EQUIPMENT</b>														
American Railway Car Institute:														
Freight cars:														
Shipments, total.....number	2,296	1,811	2,256	2,763	1,972	2,506	2,808	3,741	3,468	4,219	4,334	4,890	2,491	2,147
Equipment manufacturers, total.....do.	1,153	759	1,319	1,584	1,014	1,677	1,777	2,334	2,373	3,196	3,197	3,629	1,491	1,305
Domestic.....do.	1,055	606	905	1,442	982	1,657	1,766	2,334	2,263	3,027	3,136	3,629	1,481	1,305
Railroad and private-line shops, domestic.....do.	1,143	1,052	937	1,179	958	829	1,031	1,407	1,095	1,023	1,137	1,261	1,000	842
New orders, total.....do.	1,670	666	6,525	3,706	4,328	1,922	10,792	3,777	5,203	8,044	4,159	1,753	<sup>9</sup> 943	2,722
Equipment manufacturers, total.....do.	1,628	606	4,628	2,004	1,390	1,411	7,367	3,240	3,415	7,228	2,519	1,753	<sup>9</sup> 941	2,722
Domestic.....do.	1,543	606	4,398	2,004	1,069	1,292	7,367	3,199	3,415	7,228	2,519	1,753	<sup>9</sup> 941	2,722
Railroad and private-line shops, domestic.....do.	42	60	1,897	1,702	2,938	511	3,425	537	1,788	816	1,640	0	2	0
Unfilled orders, end of month, total.....do.	25,524	24,059	28,167	27,659	29,822	29,240	35,927	35,969	37,249	41,084	40,359	37,202	35,646	36,219
Equipment manufacturers, total.....do.	5,221	4,643	7,996	8,467	8,800	8,536	14,129	15,041	16,128	20,170	19,442	17,546	16,988	18,403
Domestic.....do.	4,679	4,259	7,791	8,404	8,448	8,085	13,689	14,551	15,748	20,059	19,392	17,516	16,968	18,383
Railroad and private-line shops, domestic.....do.	20,303	19,411	20,171	19,192	21,022	20,704	21,798	20,928	21,121	20,914	20,917	19,656	18,658	17,816
Passenger cars (equipment manufacturers)														
Shipments, total.....do.	3	10	4	8	0	0	0	0	0	0	0	4	5	11
Domestic.....do.	3	10	4	2	0	0	0	0	0	0	0	4	5	11
Unfilled orders, end of month, total.....do.	52	43	44	36	36	72	132	132	132	157	157	153	198	187
Domestic.....do.	46	37	38	36	36	72	132	132	132	157	157	153	198	187
Association of American Railroads:														
Freight cars (class I): <sup>§</sup>														
Number owned or leased, end of month.....thous.	1,737	1,733	1,729	1,726	1,724	1,722	1,717	1,707	1,703	1,702	1,701	1,702	1,695	---
Held for repairs, percent of total owned.....do.	8.4	8.2	8.4	8.6	8.9	9.2	8.8	8.3	8.1	7.9	8.1	8.4	8.5	---
Locomotives (class I):														
Diesel-electric and electric:														
Owned or leased, end of mo. No. of power units.....do.	28,181	---	---	28,303	---	---	28,395	---	---	28,615	---	---	25,706	---
Serviceable, end of month.....do.	26,729	---	---	26,838	---	---	26,822	---	---	27,211	---	---	27,019	---
Installed in service (new), quarterly total.....do.	27	---	---	96	---	---	204	---	---	298	---	---	206	---
Unfilled orders, end of month.....do.	403	---	---	561	---	---	589	---	---	413	---	---	229	---
Exports of locomotives, total (railroad-service and industrial types).....number	80	95	62	96	59	33	42	26	19	13	29	8	15	---

<sup>†</sup> Revised. <sup>‡</sup> Preliminary. <sup>1</sup> Data cover 14 weeks; for other periods, 13 weeks. <sup>2</sup> Preliminary estimate of production. <sup>3</sup> Excludes registrations for Oregon; data to be revised later.  
<sup>Δ</sup> Data cover complete units, chassis, and bodies.  
<sup>⊙</sup> Revisions for 1957 are available upon request.  
<sup>⊙</sup> Data beginning January 1959 include new registrations in Alaska.  
<sup>†</sup> Scattered revisions back to 1955 are available upon request.  
<sup>§</sup> Excludes railroad-owned private refrigerator cars.

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