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THE

Business SITUATION



By the Office of Business Economics

A SHARP step-up in defense spending plans, accompanied by heightened business activity and mounting prices, has dominated economic developments since the invasion of South Korea. The new military demands coincide with a general cyclical peak in business activity; they come at a time when aggregate demand had reached an all-time high and our economic resources including labor were already approaching full employment under nonwar conditions.

Rising consumer and investment demand had pushed production to a postwar peak just before the fighting began. In the intervening weeks, further advances have occurred in some sectors and civilian demand has been spurred by the prospect of accelerated defense production.

The effect of the Korean war upon prices and retail trade was prompt and vigorous, as illustrated in the accompanying chart. Prices of industrial raw materials and farm and food products moved up sharply, and a widening group of manufactured products joined in the advance. Heavy buying of household appliances, sheets and towels, hosiery, and certain foods reflected a fear both of shortages and of anticipated price advances.

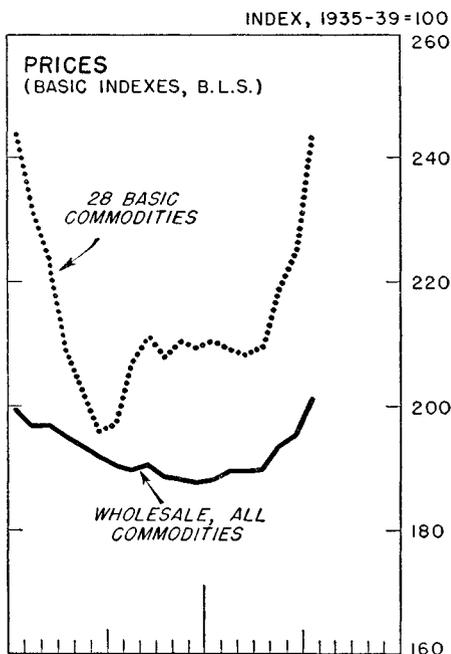
Legislative proposals affect economy

The outbreak of the Korean conflict was accompanied by increases in current and projected defense spending at a rate greater than that envisaged by the 1951 fiscal year estimate of \$13.5 billion made in January. To allow for this considerable expansion in defense outlays, the President's budget message in July initially requested an additional appropriation of \$10.5 billion. This was increased by early August to more than \$15 billion to provide for heavier expenditures under the Mutual Defense Assistance Act and for additional naval aircraft.

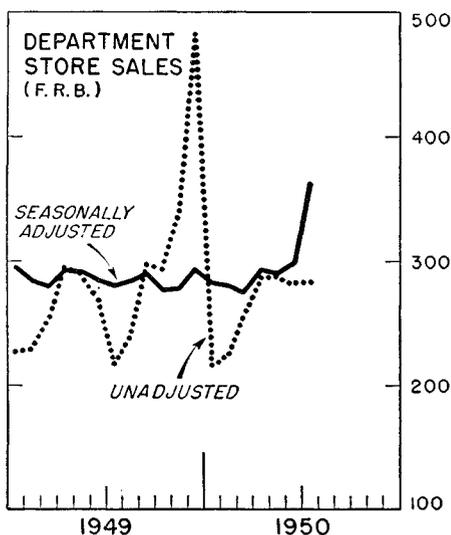
To help meet the cost of these outlays and restrain their inflationary effects, interim revenue legislation was requested pending the development of a basically revised tax program to be submitted next January. The interim program was designed to increase Federal tax receipts, computed on the basis of current income levels, by \$2.7 billion in the 1951 fiscal year, and by nearly \$5 billion on an annual basis. The expanded revenues, on a full-year basis, would include \$2.9 billion more from personal income taxes and \$1.5 billion from corporate income taxes—with the remainder to result from loophole-closing provisions, withholding on dividends, and the taxation of television sets and deep-freeze units. In addition, the excise-tax reductions previously in prospect were dropped.

The President also requested authority to control consumer and real-estate credit and to curb commodity speculation; to establish priorities and to allocate materials and facilities in order to expedite essential production; and to limit the use of materials for nonessential uses. Legislation was also asked to permit the requisitioning of supplies and the control of inventories.

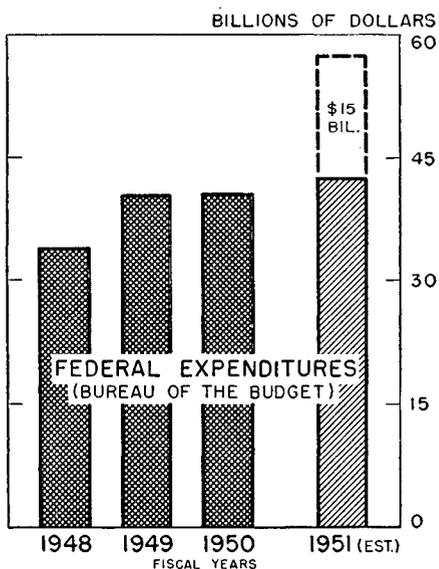
Since the Korean invasion, prices have advanced



retail buying at department stores has spurted



and proposed additional defense expenditures of \$15 billion have raised Government spending estimates for the current fiscal year.



Looking beyond immediate needs, the President asked for authority to provide for expansion in basic capacity to produce essential materials. This program involving loans and guarantees would provide reserve capacity against the possible future need for a rapid expansion in military activity. It would also include authority to make long-term contracts to encourage output of certain materials in short supply. As price rises continued and abnormal buying developed, consideration was given to the enactment of stand-by rationing, price and wage controls to be put into use if such measures prove necessary to stem inflationary forces.

In addition to the requests for authority to control various aspects of the civilian economy, existing authority was utilized to restrict demand for some products. Credit terms for the purchase of houses were tightened by requiring down-payments of 5 percent or its equivalent for veterans, and by providing similar increases for nonveteran F. H. A. financing.

Available supplies have been increased for some farm and food products—principally sugar and cotton. Following heavy and sustained buying of sugar, import quotas were first enlarged by about 5 percent and then the Commodity Credit Corporation contracted to purchase the remaining large supplies available in the principal exporting areas. This increased supply of sugar prevented any substantial advance in wholesale sugar prices despite the insistence of abnormal buying.

Table 1.—Commodity Credit Corporation Inventories, Including Contracts for Commodity Purchases Under Price Support Programs as of May 31, 1950

Commodity	Amount	Cost (millions of dollars)
Wheat.....mil. bu.	334.4	771.7
Cotton.....mil. bales	3.5	596.8
Corn.....mil. bu.	303.4	464.6
Linseed oil.....mil. lbs.	449.8	128.4
Eggs, dried.....mil. lbs.	87.9	104.1
Flaxseed.....mil. bu.	17.6	97.0
Grain sorghum.....cwt.	37.7	92.3
Beans, dry, edible.....mil. lbs.	9.5	76.9
Butter.....mil. lbs.	117.5	72.7
Barley.....mil. bu.	33.8	47.4
Milk, dried.....mil. lbs.	311.1	39.2
Cottonseed.....thous. tons	617	33.0
Rosin.....mil. lbs.	386.2	29.2
Wool.....mil. lbs.	12	11.5
Oats.....mil. bu.	12.6	11.0
Cheese.....mil. lbs.	29.5	9.8
Peas, dry, edible.....mil. bu.	0.9	2.8
Cottonseed oil, refined.....mil. lbs.	13.9	1.9
Turpentine.....mil. gal.	3.4	1.6
Total (all items).....		12,600.2

¹ Includes programs not listed above.

Source: U. S. Department of Agriculture, Commodity Credit Corporation.

As farm prices advanced, Government support buying automatically declined and Commodity Credit Corporation stocks of some commodities have become available for sale (see table 1). In the case of cotton, where prices advanced several cents above the legal minimum price for sales to domestic consumers, more convenient sales arrangements have been announced by the Commodity Credit Corporation.

Heavy retail buying

The rising tempo of demand in the period just before the start of the Korean war and the sudden spurt in the following weeks may be seen in the trend of retail sales. Total retail sales, adjusted for seasonal influences, reached a record rate in the first quarter of 1950, and then advanced to new highs in May and June. The June sales were 3 percent higher than in May and 10 percent above the corresponding month a year earlier. In this setting, the large sales increases indicated by the preliminary data available for July are especially striking.

The impact of the Korean developments was felt immediately on department-store sales. For the weeks ending July 1 and 8, sales rose about 9 percent above the corresponding 1949 period. After mid-July sales spurted upward at an accelerated pace. Gains for the last 3 weeks in the month were 25, 46, and 42 percent, respectively, over a year ago. The seasonally adjusted index for July reached the unprecedented level of 362 (1935-39=100). This is 21 percent above June and 29 percent above the previous July.

In the first week of August, however, there were indications of some let-up in the surge in consumer demand, which had been so pronounced in the last weeks in July. Department-store sales for the United States were 29 percent above a year ago for the week ending August 5—with year-to-year increases smaller in most regions.

The July buying wave at department stores gained its greatest momentum in the Southwest and Far West with year-to-year gains in the San Francisco and Dallas districts reaching 40 and 45 percent, respectively, for the 4 weeks ending July 29. July sales in the South and Midwest were more than 30 percent above 1949. The increase in buying in the Northeast was less pronounced, and gains in the Boston-New York-Philadelphia districts were limited to 20 percent. The Richmond district showed a 15 percent year-to-year increase for the 4 weeks ending July 29.

Sales and orders set new records

As in the case of retail trade, the impetus to manufacturers' business resulting from the Korean developments occurred at a time when sales and orders were already at unprecedented rates. Sales of manufacturers aggregated \$20.7 billion in June—representing, on a seasonally adjusted basis, a 3-percent increase over May.

The rapid industrial expansion in recent months raised durable-goods producers' sales in June 5 percent above the May rate. Sizable price rises for some durables were factors in the advance of the dollar sales total for the month. June increases were sharpest among the nonferrous metal and lumber groups, but gains reported by the electrical machinery and motor-vehicle groups were close to 10 percent.

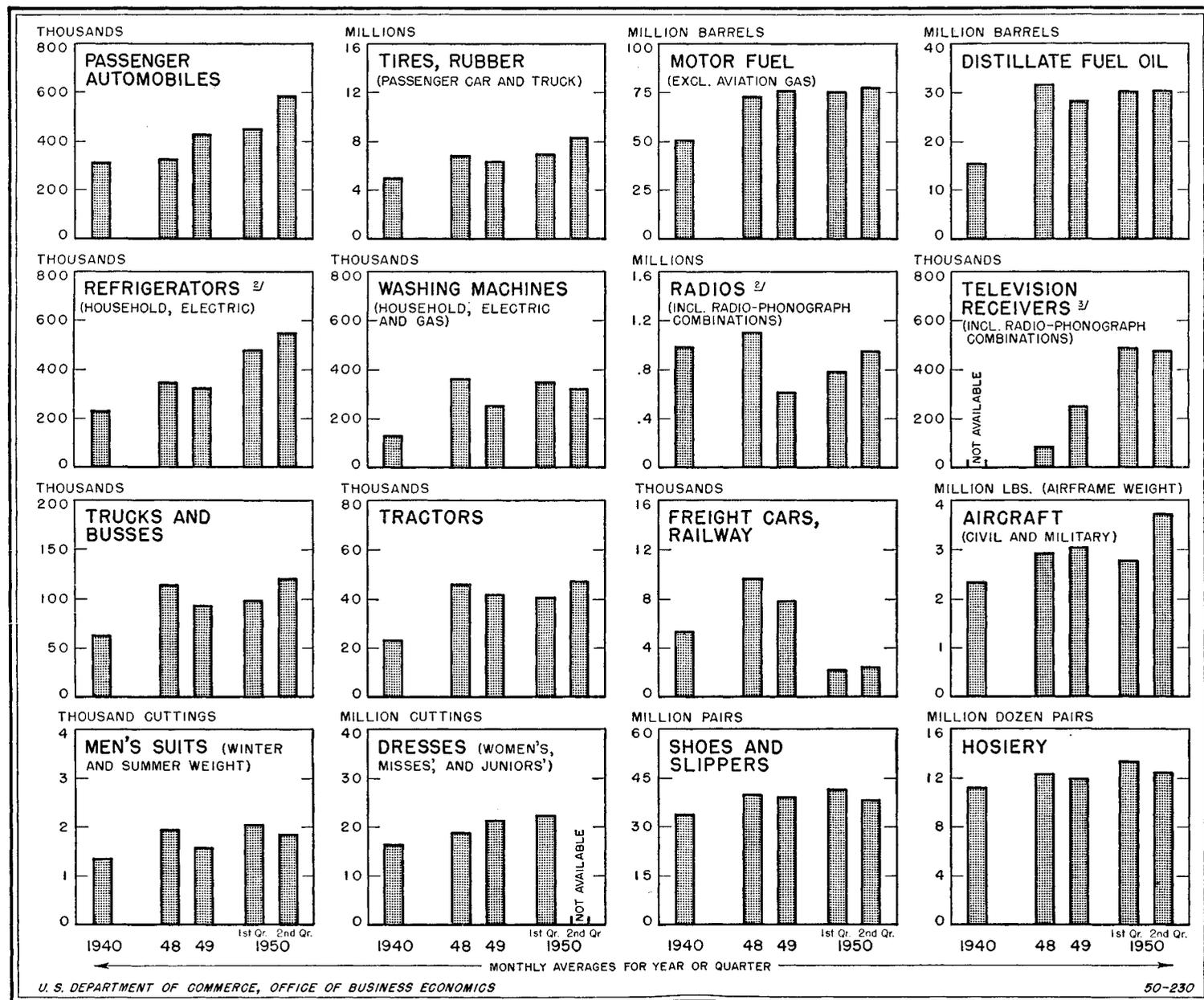
June sales for the nondurable-goods industries were \$11.2 billion. For most of the component industries within the group, sales were up slightly or unchanged from May, after allowance for seasonal influences. Apparel sales, however, declined a little.

The value of new business received by manufacturers during June totaled a record-breaking \$22.6 billion. Part of the increase of \$2.3 billion over May and \$2.4 billion over the previous high attained in March was a reflection of higher prices. Basically, the large total of June new orders stemmed from the rising demands of the civilian economy. The upward movement of prices as well as inventory building stimulated forward commitments. In addition, during the last few days of the month some order placement occurred which may be attributed directly to the turn of international events.

Orders for the durable-goods industries reached \$10.7 billion in June—an advance of \$1.8 billion over May. While new business for each of the industries in the group rose, the outstanding gains were reported by aircraft, iron and steel, and electrical machinery producers. The increases were sufficient to raise backlogs held by all durable-goods producers, at the end of June, to \$22.2 billion—a new high. This total of unfilled orders represented about 2.3 months of sales at the June rate.

Among those nondurable-goods industries where forward commitments are typical, backlogs rose \$800 million in June. The increase was due largely to a rather sharp advance in orders for textiles and for leather footwear.

Chart 2.—Production of Selected Durable and Nondurable Finished Products ¹



¹ Data represent production or shipments. Data for the second quarter of 1950 for motor fuel, distillate fuel oil, aircraft, suits, and shoes are averages of 2 months.

² Data reported only by members of the Association.
³ Data represent approximately 100 percent of the industry based upon production reported only by members of the Association.

Sources of data: Passenger cars and trucks, Automobile Manufacturers Association; tires, Rubber Manufacturers Association; motor fuel and distillate fuel oil, U. S. Department of the Interior, Bureau of Mines; refrigerators, National Electrical Manufacturers Association; washing machines, American Washer and Ironer Manufacturers Association; radios and television receivers, Radio Manufacturers' Association; tractors, *Implement and Tractor*; freight cars, American Railway Car Institute; aircraft, suits, dresses, and shoes, U. S. Department of Commerce, Bureau of the Census; hosiery, National Association of Hosiery Manufacturers.

Inventory book values increase half a billion in June

The swing toward inventory accumulation by manufacturers got under way in early spring and gained momentum in May and June. By midyear, the book value of manufacturers' inventories had risen to \$31.7 billion. After allowance for seasonal movements, inventories increased \$500 million during June bringing the rise to \$1.2 billion during the first half of the year. Little if any of the advance is traceable to the effects of the Korean situation.

The June inventory increment was about equally divided between the durable- and the nondurable-goods groups. By June 30 inventory book values for the heavy-goods industries totaled \$14.4 billion. All of the industries within the group reported increases—those for the iron and steel and machinery industries being the largest. Gains reported by most

of the industries in the nondurable-goods group were partly counterbalanced by slight declines reported by the food, beverage, tobacco, and paper industries.

About half of the rise in book values in June was in the goods-in-process category. The change in purchased materials was very small as an increase among the durable-goods industries was offset by a decline among the nondurables. The rise in the finished-goods category occurred largely among the nondurables.

Higher nonagricultural employment

Nonagricultural employment continued to rise in July, reaching 52.8 million, 340,000 higher than in June. The increase of 2,700,000 in this sector from a year ago reflects a striking change in the labor market since last summer. Total employment was a little lower in July than a month earlier,

reflecting a drop in farm work as wet weather limited farm operations. Unemployment at 3.2 million in July was a little lower than in June and 900,000 lower than in July of 1949.

In earlier months of this year, the increase in employment was accompanied by an extension in hours worked per week in manufacturing plants, and the rise in overtime work has been reflected in higher average hourly earnings per employee. In June, this contributed to a rise in total wage and salary payments of \$1.3 billion on an annual rate basis, from May. With proprietors' income also higher, total personal income for June was at an annual rate of \$216 billion, above any earlier month except March when payment of National Service Life Insurance dividends was at its peak rate.

Output continues at high rate

Total industrial production was about as high in July as in June despite seasonal declines in a number of industries arising from the July 4 holiday and employee vacations. On the basis of preliminary indications, output in such major manufacturing industries as machinery and transportation equipment other than automobiles advanced, offsetting seasonal declines elsewhere in the industrial economy. Output of steel and automobiles dipped somewhat below their recent peaks. Toward the end of July, a few automobile assembly plants reduced overtime production schedules as a result of a shortage of steel.

The impact of developing defense programs on the economy has had but little influence on production for the civilian economy so far. Work on new orders for war material has not yet been undertaken in sufficient volume to disrupt appreciably the flow of key materials for the production of civilian goods.

As indicated in last month's review of the business situation, supplies of raw materials have been produced in record volume this year and were adequate to support the gradual expansion in production that has occurred thus far. The basic steel industry has been operating at practical capacity since last March. Since the end of 1949 more than 1 million tons have been added to the industry's steel-making facilities, bringing total capacity as of July 1 to 100.6 million tons, or 5 million tons above the wartime peak and 19 million tons higher than in 1940. On the basis of the new capacity, steel mill operations in early August were at 99.9 percent of capacity, which in terms of tonnage is equal to the record May rate.

Minerals production expanded further in July, owing to increased output of crude petroleum and metals. These gains more than offset the seasonal decline in activity in coal mines, most of which closed down for regular summer vacations. Further increases in output occurred for lumber and other building materials.

Expansion centered in durables

Chart 2 shows the trends in production of 16 finished products over the past 2½ years, as well as comparable data for 1940. The increases from the first to the second quarter of 1950 were particularly striking for the durable finished goods shown in the chart. In most cases the rates of output represented new peaks, which generally ranged from 60 to well over 100 percent above the prewar volume.

The largest second quarter gains were in aircraft, a reflection of the substantial orders placed for military account, and in passenger cars, for which consumer demand continued exceptionally strong. Sizable percentage gains also occurred in the output of trucks and busses, radios, and tires. Exceptions to the general upward trend include washing machines and television receivers.

A substantial pickup in freight-car building activity has occurred since the low point was reached in April. Deliveries of freight cars to domestic carriers rose 14 percent between the first and second quarters while shipments in June alone nearly doubled the monthly rate of the first quarter. New orders increased to a monthly average of about 7,000 cars in the first half of 1950, from less than 600 in the last half of 1949.

In July, domestic freight car orders totaled 30,000, the largest monthly figure since 1924. As a result, unfilled orders on the books of car builders and railroad shops increased from 12,000 at the beginning of the year to 67,000 at the end of July, but they were still substantially below the postwar peak of 135,000 reached in April 1948.

Mixed trends in the nondurables

Among the nondurable goods shown in the chart, production trends were mixed. Output of refined petroleum products has been edging upward in line with the gradually expanding car population and the increasing demand for fuel oil arising in part from the completion of a record number of new dwelling units. On the other hand, output of apparel has on the whole changed but little from the first quarter, lagging somewhat behind sales at apparel stores, which have shown a moderate pickup.

Price developments

Since the last week in June a general inflationary movement has gripped the economy. Expectations that sharply expanded defense spending would bring higher prices and shortages for some commodities—led to immediate heavy forward buying by consumers and producers alike. As a result, prices were quickly pushed back toward the postwar highs of 1948, although actual new Government buying had not as

Table 2.—Changes in Wholesale Prices

Item	1941	Postwar peak	Trough after postwar peak	June 1949	December 1949	June 1950	Percent change to June 1950 from—			
							June 1949	December 1949	Trough after postwar peak	Postwar peak
All commodities	87.3	169.8 (Aug. 1948)...	151.2 (Dec. 1949)...	154.5	151.2	157.3	+1.8	+4.0	+4.0	-7.4
Farm products.....	82.4	199.2 (Jan. 1948)...	154.7 (Jan. 1950)...	168.8	154.9	165.9	-1.7	+7.1	+7.2	-16.7
Foods.....	82.7	189.8 (Aug. 1948)...	154.8 (Jan. 1950)...	162.4	155.7	162.1	-2	+4.1	+4.7	-14.6
Other than farm products and foods.....	89.0	153.6 (Sept. 1948)...	145.0 (Aug. 1949)...	145.5	145.4	148.8	+2.3	+2.3	+2.6	-3.1
Building materials.....	103.2	204.1 (Sept. 1948)...	188.3 (Aug. 1949)...	191.4	190.4	202.2	+5.6	+6.2	+7.4	-9
Chemicals and allied products.....	84.4	139.9 (Jan. 1948)...	114.5 (June 1950)...	116.7	115.2	114.5	-1.9	-6	0	-18.2
Fuel and lighting materials.....	76.2	137.6 (Nov. 1948)...	129.6 (Aug. 1949)...	130.0	130.4	132.7	+2.1	+1.8	+2.4	-3.6
Hides and leather products.....	108.3	203.4 (Dec. 1947)...	177.8 (July 1949)...	178.8	179.9	182.6	+2.1	+1.5	+2.7	-10.2
Housefurnishing goods.....	94.3	148.5 (Feb. 1949)...	142.9 (Aug. 1949)...	145.3	144.2	147.0	+1.2	+1.9	+2.9	-1.0
Metals and metal products.....	99.4	176.3 (Feb. 1949)...	167.1 (June 1949)...	167.1	167.8	171.8	+2.8	+2.4	+2.8	-2.6
Textile products.....	84.8	152.1 (May 1948)...	136.1 (May 1950)...	139.1	138.4	136.8	-1.7	-1.2	+5	-10.1
Miscellaneous.....	82.0	123.6 (Jan. 1948)...	109.0 (Oct. 1949)...	111.0	110.7	114.8	+3.4	+3.7	+5.3	-7.1

Source: U. S. Department of Commerce, Office of Business Economics, based on data from U. S. Department of Labor, Bureau of Labor Statistics.

yet begun on an important scale. Price rises were especially large for the traditionally sensitive industrial raw materials, farm products, and foods, which had already risen substantially during the second quarter.

Although primary markets reacted first and most sharply to increased demand, retail prices were also affected rather promptly in some lines, particularly foods. The Labor Department estimated a rise in retail food prices in July of 3 percent, bringing the advance to 7 percent in a 3-month period.

For wholesale prices as a group, advances during the 6 weeks after the Korean invasion exceeded those of the entire first half of 1950. As indicated in table 2, December 1949 marked the trough after the postwar peak for all wholesale prices. From this point, the index rose 4 percent by June to 157 (1926=100), whereas the increase between the weeks ending June 27 and August 8 amounted to 5 percent.

Price changes in response to expanding demand had been relatively moderate during the early months of this year. For industrial commodities most of the rise in demand was met by expansion of output and prices began to creep up only in May and June as production approached record rates. (See the bottom panel of chart 3.) The chief exception was building materials. These prices had started to rise in the latter part of 1949, as the building boom developed, and advanced 6 percent in the first 6 months of this year.

Food and agricultural commodities provided the greatest impetus to the increase in the wholesale price index since June, with livestock and meat prices both showing large advances, as indicated in table 3. Farm products as a whole increased 8 percent between the weeks ending June 27 and August 8 while foods moved up almost as much, 7 percent.

Smaller crops in 1950

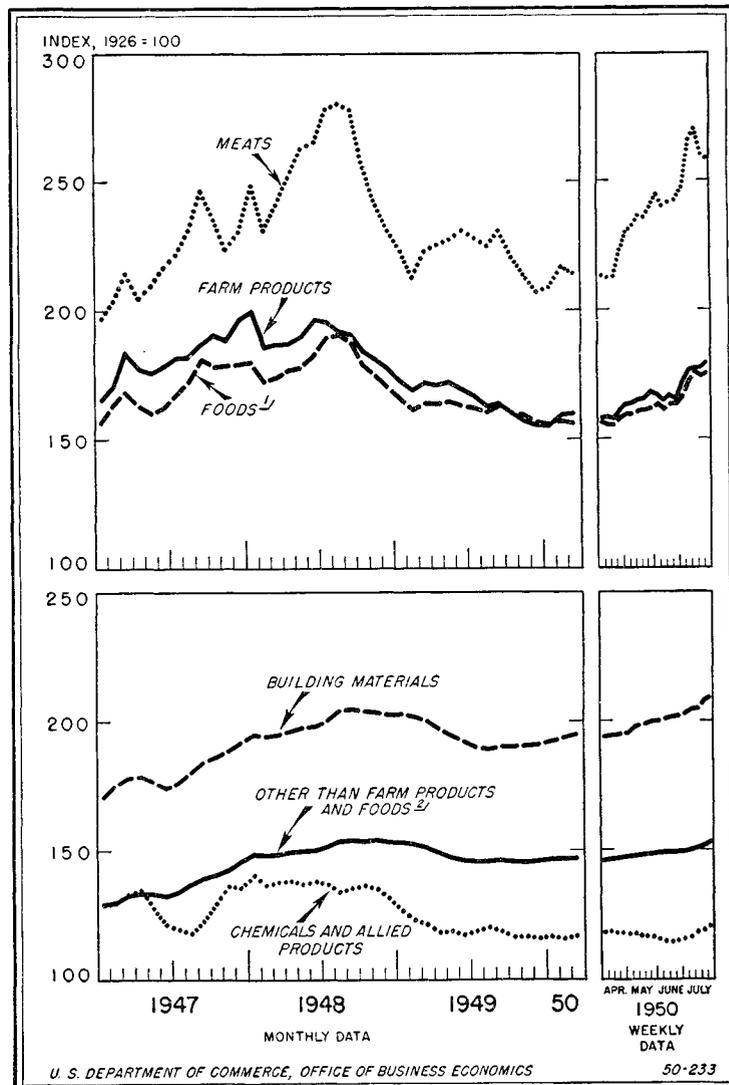
For farm products, rising demand in the first half of 1950 was not accompanied by corresponding increases in supplies—either available or in prospect. Crop marketings in the first half of 1950 were below the first half of 1949. Although livestock marketings were higher, the seasonal decline in the second quarter coincided with expanding demand, resulting in more than seasonal price rises. Farm production as a whole is now estimated by the Department of Agriculture to be about 2 percent lower than in 1949. The principal declines are in nonfood products, cotton being the most important. The August 1 estimate of cotton production is 10.3 million bales, or about 5½ million bales smaller than in 1949.

Table 3.—Changes in Weekly Wholesale Price Index Between Week Ending June 27 and Aug. 8, 1950

	June 27, 1950	Aug. 8, 1950	Percent change
All commodities	157.1	165.5	+5.3
Farm products.....	165.0	177.5	+7.6
Grains.....	169.3	168.6	-.4
Livestock.....	217.5	241.6	+11.1
Foods.....	162.7	174.7	+7.4
Meats.....	241.5	255.3	+5.7
All commodities other than farm and food.....	148.7	154.4	+3.8
Textile products.....	136.7	147.5	+7.9
Fuel and lighting materials.....	133.1	134.1	+.8
Metals and metal products.....	173.1	173.9	+.5
Building materials.....	201.4	212.7	+5.6
Chemicals and allied products.....	114.3	120.8	+5.7

Source: U. S. Department of Labor, Bureau of Labor Statistic.

Chart 3.—Wholesale Prices



¹ Data also include meats shown separately.
² Data also include the two groups shown separately in this panel.
 Source of data: U. S. Department of Labor, Bureau of Labor Statistics.

Food production for 1950 is estimated to be about the same on a per capita basis as in the past 2 years. Increases in the important meat animal, dairy and poultry product groups are partly offset by lower food grains and vegetable crops. Although the general increase in farm prices has reduced purchases for price-support purposes, part of the increased dairy and poultry output in 1950 is being bought by the Commodity Credit Corporation in order to support prices of these foods, which are still below support levels.

One aspect of the rise in food prices is of special interest—the prompt rise in retail prices which had accompanied the advance in wholesale prices during the 3 months ending in July. An analysis of the lag between the wholesale and retail monthly price series of the Bureau of Labor Statistics during the interwar and postwar period indicates that the usual lag has been 1 month or less.

Industrial prices at 1948 high

Price advances at wholesale in commodities other than farm and food products have been substantial, especially in relation to the small extent of the reduction which had taken place in the two preceding years of general price adjustment. The index of prices of all commodities other than farm products and foods at 154 (1926=100) during the first week of

August was 4 percent above the last week of June, topping the previous high in September 1948.

The major industrial price groups are now all showing increases, even in those segments which had declined during the preceding 6 months. Building materials rose 6 percent in the 6 weeks ending August 8, making a total rise of 12 percent since the beginning of the year; they are now at a new postwar high.

In the chemicals and allied products group, as shown in chart 3, prices were easing during the weeks immediately preceding the Korean invasion and at that time were about as low as at any time since the end of the war. Since then the index has advanced 6 percent with marked rises in specific raw materials, including copra and coconut oil—whose main source of origin is in eastern Asia—tallow and benzene. The latter is an important component of such materials as synthetic rubber, dyes, plastics, and nylon.

A gradual downdrift in textile prices was halted in June, and since then the index has risen 8 percent. The largest rises have been in cotton and cotton products, and much of this is attributable to the small cotton crop as estimated by the Department of Agriculture. (This was also instrumental in the advances in cottonseed oil prices.) Substantial further increases have also occurred in wool and woolen fabric prices during recent weeks.

Basic commodities higher

The daily spot price index of the Bureau of Labor Statistics for sensitive commodities increased 16 percent between June 23 and August 10. Over half of the items in this group rose 10 percent, or more, while rubber and tallow increased 70 percent.

Price quotations for some items which have displayed only slight price changes in this period—such as copper and steel scrap—were already high in May and June as a result of strong domestic demand. In the case of steel scrap, present prices are stimulating imports from Europe, and large commitments for the rest of the year have helped to stabilize the price situation in recent weeks. It is clear, however, that potential demand for these products remains high in view of their importance in expanding defense production.

Although the prices of these metals, as well as that of zinc, have not increased markedly since the Korean outbreak, the price of tin, for which Asia is an important source, was over 30 percent higher on August 10 than on June 23.

Grain prices were somewhat higher during July, but improved crop prospects together with large carry-over supplies brought price declines in the latter part of the month and early August.

National Income and Product in the Second Quarter of 1950

GROSS national product—the Nation's total output of goods and services, valued at current market prices—rose to a rate of nearly \$270 billion annually in the second quarter of 1950, as compared with \$262½ billion in the first quarter (chart 4). The advance was an extension of the upswing in economic activity already under way, and contrasted markedly with developments during the corresponding period a year ago.

National income, which measures aggregate earnings arising from current production, obviously followed a similar course, although it cannot be specified precisely at this time, owing to lack of adequate corporate profits data for the second quarter. The other distributive shares of national income were \$5 billion higher, at annual rates, than in the March quarter.

Total personal income—the income receipts of persons from all sources—was at an annual rate of \$215 billion, down \$1½ billion from the first quarter. This apparently contradictory movement reflected simply a much greater concentration in the first quarter than in the second of nonrecurrent transfers from the Federal Government to veterans holding National Service Life Insurance policies.

Second-quarter economic developments did not, of course, reflect the new pressures introduced by our action to put down the aggression in Korea. The invasion began only a few days before the close of the period, too late to affect the data under review. This quarter, therefore, is of particular interest as the last, for the foreseeable future, in which the economy could operate without the influences activated by the Korean hostilities.

A study of the record for the second quarter shows that these new forces are being superimposed upon an economy in an expanding phase, with private domestic demand rising in all major segments, and with production being stepped up to meet it.

During the initial quarter of 1950, which followed a period of stability after the business downturn in the first half of 1949, factors tending toward recovery came to the fore. Chief among these was the restoration of business buying—and with it, of production—to a level commensurate with the

flow of goods and services to final users of the Nation's output. This restoration was reflected primarily in a shift from substantial liquidation of business inventories, to moderate accumulation. At the same time, the 1949 downtrend in fixed business investment was arrested, and the home-building boom progressed. Consumer demand, which had continued high throughout 1949, was bolstered by the veterans' insurance dividends.

During the second quarter, the expansion of earned income generated by the sharp recovery of business investment reinforced the spending stream. Private domestic demand continued to rise, and the economy forged ahead on a broad front.

Industrial production and employment increased rapidly, and the volume of new business placed with manufacturers continued strong. Unfilled orders rose despite the steady advance of manufacturers' sales.

Production gains, although spreading increasingly to non-durable lines, were centered primarily, as in the first quarter, in the durable-goods manufacturing industries. This concentration reflected the fundamental influence upon the upswing of renewed plant and equipment outlays, as well as sustained high consumer demand for durables.

In addition to the larger total flow of durable goods, there was a further advance in residential construction during the quarter, as well as a rise in consumer purchases of nondurables and services. Government and foreign demand held steady.

Nevertheless, the expansion of output was sufficient not only to meet the rising volume of final purchases, but also to support a moderate accumulation of inventories. These were increased at a somewhat greater rate than in the March quarter.

The intensification of business and consumer buying exerted upward pressure on prices as the second quarter progressed. In May and June after an extended period of general stability, wholesale prices, especially of raw materials, rose appreciably. Retail prices—notably for food—also showed fairly marked increases in the same months.

The expansion of production during the quarter required additional employment sufficient both to absorb a consid-

erable growth in the labor force and to cut back the numbers of unemployed by a substantial margin. This increase in employment was the principal factor underlying the second-quarter advance in earned personal income, although somewhat longer hours and higher wage rates, as well as larger nonfarm proprietors' incomes, also contributed.

The developments summarized above are discussed more fully in the following review of the product and income flows.

DEMAND FOR GROSS NATIONAL PRODUCT

Consumer purchases continue to rise

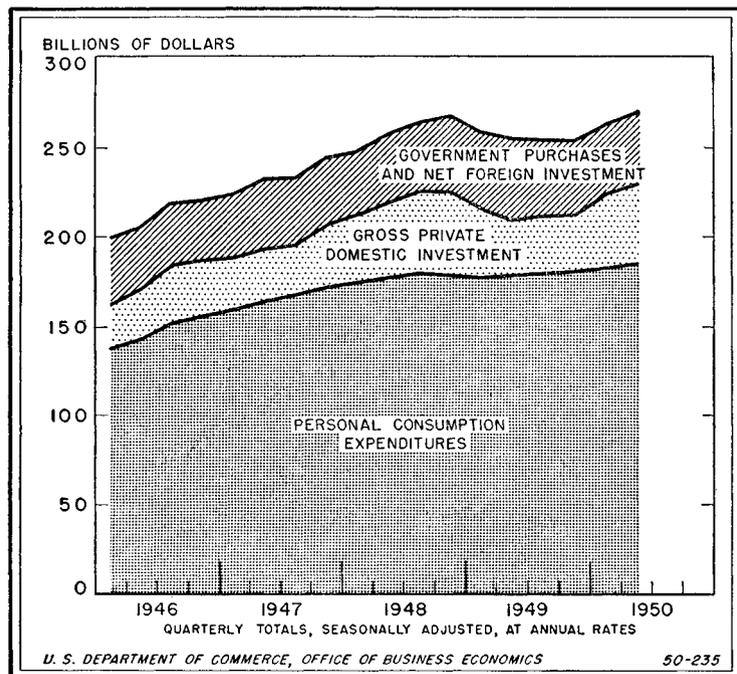
Personal consumption expenditures rose in the second quarter of 1950 to \$184½ billion, at seasonally adjusted annual rates. This advance, from \$182½ billion in the first quarter, continued the expansion of consumer outlays which began late in 1949 after a year of relative stability.

Unlike the immediately preceding quarters, when consumer prices were drifting downward, the most recent rise in consumption expenditures was accompanied by price increases, and must be adjudged smaller in real terms than in dollar value. This reversal of the trend of consumer prices was attributable to existing pressures of growing consumer demand, along with the influence upon food prices of shifts in the agricultural outlook, and occurred several months prior to the outbreak of fighting in Korea.

Factors stimulating consumption

The principal factors underlying advances in consumer buying this year have been the higher incomes generated by expanding economic activity and the receipt by veterans of \$2.6 billion in National Service Life Insurance dividends. In addition, however, retail purchases have been stimulated by liberal extension of consumer credit.

Chart 4.—Gross National Product



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

Effects of the N. S. L. I. payments cannot be ascertained precisely, but it is evident that amounts entering the spending stream through the second quarter were by no means commensurate with the volume of Treasury disbursements.

In line with experience in connection with previous large veterans' payments, a considerable proportion of the divi-

dends appears to have been saved, at least temporarily. Nevertheless, their influence upon consumer demand reinforced that of rising earned incomes.

The contribution of expanding consumer credit is suggested by the contrast between an \$800 million growth in the total outstanding, from December 1949 through June 1950, and a contraction of about \$200 million during the corresponding period a year earlier. Expansion of installment credit—associated with the exceptional volume of consumer durable goods purchases in recent quarters—has been particularly marked. Although total outstanding consumer debt remains lower relative to disposable personal income than in immediate prewar years, this is no longer true of the installment credit component.

While the over-all increase in consumption expenditures during the second quarter differed little in magnitude from that of the preceding period, its composition diverged in some respects. Outlays for durables, which had predominated in the first quarter advance, levelled off at an annual rate of slightly less than \$27 billion. Purchases of nondurables, however, after remaining steady from the third quarter of last year through the early months of 1950, picked up appreciably in the June quarter, when they reached \$99 billion at annual rates. Consumer expenditures for services, at about \$59 billion, showed a further gain of roughly the same size as in each of the two preceding quarters.

Increased outlays for nondurables

Clothing and food shared about equally, dollar-wise, in the recent \$1½ billion advance of nondurables, and together accounted for practically all of it. With respect to clothing, the increase reflected a larger flow of merchandise to consumers, as retail prices were virtually unchanged from January through June. This firming of apparel prices, it may be noted, was in significant contrast to the steady declines registered throughout 1949. In the case of food, on the other hand, prices appear to have been almost entirely responsible for the increment in consumer purchases, as the early 1950 turn in farm prices was quickly reflected in retail markets. For nondurable lines other than apparel and food, second-quarter changes were of little consequence.

Durable goods continued to absorb an extraordinary portion of the consumer's expenditure dollar—more than 14½ cents in the first half of 1950, as compared with about 13 in each of the 3 preceding years and less than 12 in prosperous prewar years. As a result of mixed trends among major components, however, total consumer purchases of durables in the second quarter were fractionally below those of the first. Persistent high demand for passenger cars, coupled with record motor vehicle production, brought further advances in outlays for automobiles and accessories, but these were offset by some slackening in consumer expenditures for furniture and household equipment. The latter, despite a drop of nearly \$½ billion from the first-quarter rate, remained far above 1949 levels, thus continuing to reflect the influence of the sustained residential building boom. Other durable-goods purchases were substantially unchanged in the June quarter.

Housing (including the imputed rental value of owner-occupied homes) and household operation accounted for about half of the second-quarter increase in consumer outlays for services. The remainder was distributed among a wide variety of items, with no single category predominating.

Domestic investment higher

Gross private domestic investment moved forward by more than \$5 billion in the second quarter to an annual rate of \$46 billion. The recovery of investment expenditures evidenced in the first quarter thus continued, bringing this

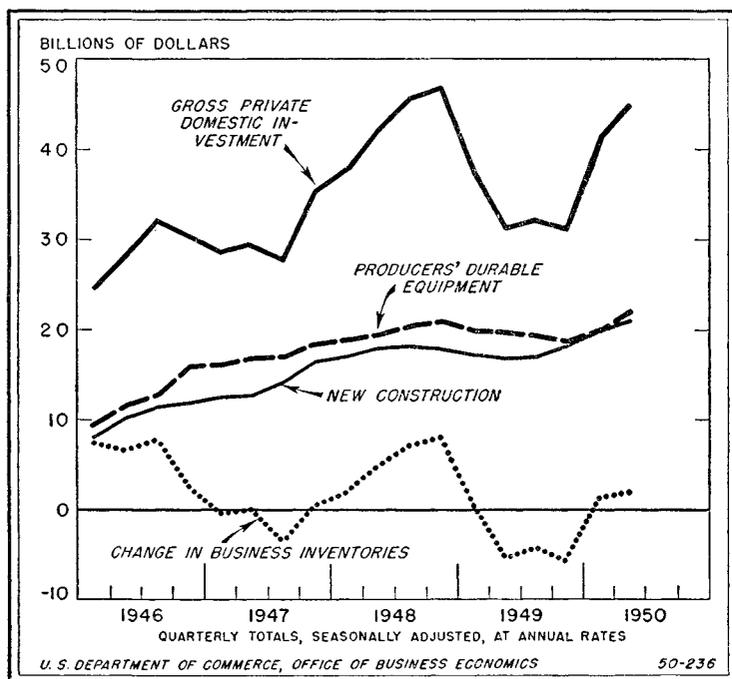
component of the Nation's output above any previous period except the last quarter of 1948 (see chart 5).

The rate of fixed investment—new construction plus business purchases of durable equipment—substantially exceeded even that of late 1948, owing chiefly to the intensity of residential building activity. Inventory accumulation, while quite moderate in comparison with 1948, was somewhat greater than in the first quarter, and contrasted sharply with the liquidation of stocks which characterized 1949.

Residential construction still rising

The advance of residential construction continued to be an expansionary force in the economy during the April-June period, as during the three preceding quarters. The rate of increase slackened moderately from the accelerating pace witnessed earlier, but nevertheless sufficed to carry the value of new housing put in place in the second quarter nearly \$1 billion, at annual rates, above that of the first quarter.

Chart 5.—Gross Private Domestic Investment



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

In addition to the complex of psychological and financial factors already underlying the housing boom, further Government support was given by provisions of the Housing Act of 1950, which became effective on April 20. This legislation liberalized the veterans' home loan program in several ways, including an increase in the percentage of each loan which may be guaranteed by the Veterans' Administration and a raising of the dollar limit on the guarantee, as well as an extension of the maximum period of amortization. In general, the act's modifications of existing programs to aid nonveteran home purchasers were also in the direction of liberalization, although certain provisions for assistance in financing rental housing were not renewed.

With nonfarm housing starts mounting to unprecedented rates during the second quarter, there was no prospect of an immediate tapering off in homebuilding activity, although the increased minimum down-payment requirements instituted in July for V. A.-guaranteed and F. H. A.-insured loans are intended to exert a degree of restraining influence.

Sharp expansion of plant and equipment purchases

The sustained upsurge in residential construction was reinforced early this year by a firming of business demand for

plant and equipment. In the second quarter, this reinforcement became much more pronounced, as sharp upward alterations of business investment programs materialized. These alterations stemmed from the more optimistic anticipations induced earlier by improvement of general business conditions in the latter part of 1949.

Nonresidential construction shared only modestly in the second-quarter plant and equipment expansion, with industrial building making a somewhat more favorable showing than other elements. Although the gains in this category were small, they represented a significant shift from the contractions of such activity observable throughout most of last year.

It was in the equipment field, however, that the second-quarter growth of fixed business investment was primarily concentrated. Purchases of producers' durable equipment rose from \$19½ billion, at annual rates, in the first quarter to \$21½ billion in the second. This advance, following the first quarter recovery from the low mark late last year, brought the rate of business equipment purchases above that prevailing at the crest of the 1948 boom.

The renewed strength of demand for industrial machinery which was already apparent in the first quarter, complemented by increased production of such goods, was responsible for the largest share of the advance. All other major categories of producers' durable equipment, however, shared in it. The recovery of outlays for railroad and transit equipment, which had shown weakness earlier, was perhaps especially noteworthy.

Inventory accumulation continued

Business inventories accumulated in the second quarter at a rate of \$3½ billion annually, as compared with \$1½ billion in the previous 3 months. As in the first quarter, nonfarm inventories increased somewhat more than the net total, which also reflected some drawing down of farm stocks.

Unlike the first quarter, however, the more recent accumulation did not represent a major alteration of the inventory situation. The shift embodied in the earlier increase of stocks, following extended liquidations last year, has constituted the largest single element of advance in gross national product in the first quarter; further enlargement of inventories through June was at an only moderately accelerated pace, and the resultant change in the rate of inventory accumulation absorbed a much smaller share of the second-quarter increase in output.

The bulk of the rise in nonfarm inventories occurred in manufacturers' holdings, which has increased relatively little in the first quarter. The influence of accelerating industrial production was evident in an appreciable shift within manufacturers' stocks, in each quarter of this year, from purchased materials to goods in process. Replenishment of reserves of raw materials apparently lagged behind their diversion into the channels of fabrication.

Wholesale inventories were also built up more rapidly in the second quarter than in the first. In retail trade, where the first quarter accumulation had been concentrated, further additions to stocks were more moderate.

Net foreign demand stable

Net foreign acquisitions of United States output showed little change from the first to the second quarter of this year. The negative balance of net foreign investment—arising from the substantial excess of Government grants over the current export surplus—remained at approximately \$2 billion, at an annual rate. Foreign countries as a whole were thus enabled to effect a further material improvement of their financial position in relationship to this country. Their need to replenish gold and dollar reserves continues, but its intensity has been somewhat mitigated during the past 9 months.

United States merchandise exports in the second quarter increased, but only to an extent roughly commensurate with the concomitant rise in government grants under the European Recovery Program. Since such grants are included in the Government purchases component of gross national product, equivalent amounts of exports are excluded from the international balance as measured by net foreign investment. The change in nongovernment financed exports in the June quarter was negligible.

Merchandise imports, after recovering from the mid-1949 low in response to expanding domestic industrial activity and other factors, levelled off in the second quarter at a dollar volume not far below that prevailing prior to the 1949 downturn. Changes in receipts and payments on service transactions were largely seasonal in character, and in combination had little net effect upon the foreign balance.

Government purchases maintained

The share of the Nation's output bought by the Federal and State and local governments held steady in the June quarter at an annual rate of \$41½ billion. This figure was moderately below the corresponding total a year earlier, but remained larger than in any postwar quarter prior to 1949.

Declines in Government purchases of goods and services since the middle of last year have been concentrated in a few major Federal programs—notably foreign aid (including civilian relief in occupied areas), military and stockpiling activities, and farm price support. Trends in these programs during the second quarter were mixed, but resulted, on balance, in an arrest of the previous downdrift.

A slight further drop in military expenditures of the Defense Department was offset only to a minor extent by a small pickup in outlays for strategic and critical materials. The outlook for these programs subsequent to the second quarter, however, has of course been altered radically upward by the United States response to the Korean hostilities. Both procurement and military payrolls, as well as a wide variety of supporting outlays, will mount rapidly as the announced expansion of our military strength gets under way.

Farm price support expenditures also moved downward in the second quarter, as the continuing recovery of agricultural prices diminished dependence upon government support. Difficulties of seasonal adjustment impair the precision of quarterly data on this component of Federal purchases, but the general declining trend is clear.

Offsetting the diminution of military and price-support disbursements in the April-June period was an upswing in expenditures for foreign aid, mainly under the European Recovery Program. This rise was temporary, reflecting chiefly the make-up of earlier lags behind original schedules for fiscal 1950, and the rate of ERP payments is expected to subside in coming months. Expenditures from the Mutual Defense Assistance appropriation, on the other hand, first appeared in more than nominal volume in the second quarter, and will be a growing factor as the year progresses. This rise will be very sharply reinforced, of course, if the President's recommendation of an additional \$4 billion for this purpose is adopted.

The steady advance of State and local government purchases, which has persisted throughout the entire postwar period, began to taper off somewhat last year. This tapering off appeared to be confirmed in the second quarter, when State and local outlays for goods and services showed no further increase.

THE FLOW OF INCOME

Basic personal income flow higher

Personal income in the second quarter—other than the special insurance dividend payments to veterans—was at an annual rate of \$213 billion, \$5 billion above the March quarter.

Table 4.—National Income and Product, Fourth Quarter 1949 and First two Quarters 1950¹

[Billions of dollars]

Item	Unadjusted			Seasonally adjusted at annual rates		
	1949	1950		1949	1950	
	IV	I	II	IV	I	II
NATIONAL INCOME BY DISTRIBUTIVE SHARES						
National income	54.1	53.8	(?)	214.2	217.2	(?)
Compensation of employees.....	35.6	35.0	36.9	140.2	142.3	147.6
Wages and salaries.....	34.0	33.2	35.0	133.6	135.2	140.2
Private.....	28.6	27.9	29.6	112.7	114.3	119.2
Military.....	1.2	1.1	1.1	4.6	4.5	4.5
Government civilian.....	4.3	4.2	4.3	16.4	16.4	16.5
Supplements to wages and salaries.....	1.6	1.8	1.9	6.6	7.1	7.4
Proprietors' and rental income ²	10.2	10.4	10.3	40.7	41.5	41.3
Business and professional.....	5.1	5.4	5.6	20.6	21.4	22.3
Farm.....	3.2	3.2	3.0	12.8	12.8	11.8
Rental income of persons.....	1.8	1.8	1.8	7.3	7.3	7.2
Corporate profits and inventory valuation adjustment.....	7.1	7.2	(?)	28.4	28.4	(?)
Corporate profits before tax.....	6.9	7.3	(?)	27.6	29.2	(?)
Corporate profits tax liability.....	2.7	2.9	(?)	10.6	11.4	(?)
Corporate profits after tax.....	4.2	4.5	(?)	16.9	17.8	(?)
Inventory valuation adjustment.....	.2	-.2	-.6	.8	-.7	-2.3
Net interest.....	1.2	1.2	1.3	4.8	5.0	5.0
Addendum: Compensation of general government employees.....	5.1	5.1	5.1	20.0	19.7	19.8
GROSS NATIONAL PRODUCT OR EXPENDITURE						
Gross national product	67.2	63.1	65.7	253.8	262.5	269.9
Personal consumption expenditures.....	48.9	43.2	45.7	180.6	182.4	184.5
Durable goods.....	7.2	6.0	6.5	25.3	26.9	26.7
Nondurable goods.....	27.4	22.6	24.4	97.9	97.5	99.0
Services.....	14.3	14.6	14.8	57.4	58.0	58.8
Gross private domestic investment.....	7.7	10.4	10.0	31.2	40.5	45.9
New construction.....	4.7	4.1	5.2	18.2	19.9	20.9
Producers' durable equipment.....	4.7	4.8	5.6	18.7	19.3	21.6
Change in business inventories, total.....	-1.7	1.4	-.8	-5.7	1.3	3.4
Nonfarm only.....	-1.5	1.5	-.7	-4.7	2.1	4.0
Net foreign investment.....	-.1	-.5	-.5	-.7	-1.9	-2.0
Government purchases of goods and services.....	10.8	10.1	10.5	42.8	41.4	41.4
Federal.....	6.1	5.7	5.7	24.6	22.8	22.8
Less: Government sales.....	.1	.1	.1	.3	.3	.2
State and local.....	4.7	4.4	4.9	18.5	18.9	18.8
DISPOSITION OF PERSONAL INCOME						
Personal income	52.6	53.4	53.6	205.4	216.4	214.7
Less: Personal tax and nontax payments.....	3.7	6.8	3.8	18.7	18.7	19.2
Federal.....	3.1	6.0	3.2	16.1	16.1	16.6
State and local.....	.5	.8	.6	2.5	2.6	2.6
Equals: Disposable personal income.....	49.0	46.6	49.7	186.8	197.7	195.5
Less: Personal consumption expenditures.....	48.9	43.2	45.7	180.6	182.4	184.5
Equals: Personal saving.....	.1	3.4	4.0	6.2	15.3	11.0
RELATION OF GROSS NATIONAL PRODUCT, NATIONAL INCOME, AND PERSONAL INCOME						
Gross national product	67.2	63.1	65.7	253.8	262.5	269.9
Less: Capital consumption allowances.....	4.8	4.9	5.1	19.3	19.7	20.4
Indirect business tax and nontax liability.....	5.5	5.3	5.6	21.5	21.7	22.7
Business transfer payments.....	.2	.2	.2	.7	.7	.7
Statistical discrepancy.....	2.6	-1.0	(?)	-1.9	3.4	(?)
Plus: Subsidies less current surplus of government enterprises.....	.0	.1	.1	.0	.2	.5
Equals: National income.....	54.1	53.8	(?)	214.2	217.2	(?)
Less: Corporate profits and inventory valuation adjustment.....	7.1	7.2	(?)	28.4	28.4	(?)
Contributions for social insurance.....	1.3	1.8	1.8	5.7	6.7	6.9
Excess of wage accruals over disbursements.....	.0	.0	.0	.0	.0	.0
Plus: Government transfer payments.....	3.0	5.3	3.5	11.8	20.9	14.2
Net interest paid by government.....	1.3	1.1	1.4	4.7	4.7	4.7
Dividends.....	2.5	1.9	1.8	8.2	8.1	8.1
Business transfer payments.....	.2	.2	.2	.7	.7	.7
Equals: Personal income.....	52.6	53.4	53.6	205.4	216.4	214.7

¹ Detail will not necessarily add to totals because of rounding.

² Not available.

³ Includes noncorporate inventory valuation adjustment.

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

This latest quarterly advance was nearly double that witnessed in the preceding period, when the rising tempo of production was first reflected on a material scale.

Total personal income, inclusive of the National Service Life Insurance dividends, declined from \$216½ billion in the first quarter to \$215 billion in the second. The former figure includes N. S. L. I. payments amounting, at annual rates, to \$8½ billion, while the latter embraces corresponding payments of only \$2 billion. These nonrecurrent disbursements to veterans were very nearly completed by the end of June.

Payrolls advance

Wages and salaries advanced strongly during the second quarter to add approximately \$5 billion to the personal income flow. In May and June, they surpassed the peak months of 1948, making the quarter's total, at an annual rate of \$140 billion, the highest on record. Increased employment, a lengthened average workweek, and slightly higher hourly wage rates all contributed to the gain in payrolls, with the first-named factor the most important.

The payroll gains in the second quarter were again concentrated primarily in the commodity-producing industries, where they were not only much larger than in the first quarter but also much more widely distributed. In the earlier period, durable-goods manufacturing wages were almost entirely responsible for payroll expansion in these industries. They continued to increase in the second quarter—by almost twice as much as in the first—and remained the most important single advancing element. Other components, however, also participated on a substantial scale in the second-quarter increase. Chief among these were wages and salaries in contract construction, which reflected the swelling volume of building activity, and in mining, where work stoppages in the bituminous coal pits had depressed the first-quarter total. As the step-up in manufacturing production became more widespread, factory wages in the nondurable-goods industries also shared in the advance, though to a much lesser extent than in the durable segment.

Distributive industry payrolls rose in the second quarter by about the same amount—\$½ billion—as in the first. Railroad wages, reflecting expanding freight operations, were the most important single element in this movement, although the continued expansion of retail trade was also a bolstering factor. A further moderate increment in wages and salaries came from service establishments, while Government payrolls showed little change from the first quarter.

To place these wage and salary trends in proper perspective, it should be observed that the sectors showing the greatest expansion this year have been, in general, those which were most sharply affected in the 1949 downturn. Thus, despite the recent advances, manufacturing, mining, and railroad payrolls for the second quarter remained somewhat lower than in the latter half of 1948, although in manufacturing the June figure again approximated peak months of that year. In the trade and service industries, on the other hand, where activity was much better sustained in 1949, this year's gains have carried payrolls to new highs, as have those in contract construction.

Effects of private pension plans

Apart from higher wage payments, compensation of employees in the second quarter was bolstered to the extent of about \$¼ billion (at annual rates) by new or increased employer contributions to private pension funds. Such contributions, which are included as other labor income in supplements to wages and salaries, were significantly reinforced during the first half of 1950 by the rapid spread of pension plans. Establishment of new company-financed plans in the automobile industry was especially noteworthy, as was the negotiation of a 50 percent increase in the operators' contributions to the Mine Workers' Welfare fund.

Proprietors' income steady

Total proprietors' and rental income, at a rate of just under \$41½ billion annually in the June quarter, was fractionally below that of the preceding quarter. A relatively poor showing of farm proprietors' and rental income held down the total, as nonfarm business and professional earnings continued to rise at about the first-quarter rate.

Increases in the nonagricultural sector pervaded all major components of the series, reflecting the broadly based character of the continued upswing in economic activity. Effects of the larger dollar volume of retail trade upon incomes of entrepreneurs in that field were responsible for largest absolute gains, but more impressive proportionate advances were recorded in manufacturing and construction. Proprietors in wholesale trade and in the service industries also shared in the generally favorable trend.

The decline in farmers' earnings stemmed primarily from a considerably more than seasonal drop in the volume of crops marketed during the second quarter, when such marketings fell below the quantities reported for the corresponding quarter of any recent year. The factors responsible for this development are not clear, and caution in interpretation is dictated by the uncertainty of seasonal adjustments in this area. The physical volume of farmers' livestock sales was also less, on a seasonally adjusted basis, than in the first quarter, but much of this decline was offset by higher livestock prices.

Other elements of personal income

The flow of personal interest income and dividends remained substantially unaltered in the second quarter. Dividends were considerably larger than a year ago, but the rising trend of distributions to stockholders appears to have flattened out recently.

The unusual decline in transfer payments from the first to the second quarter reflected the concentration during the former period of the National Service Life Insurance refunds. The tapering off and approaching completion of these disbursements during the June quarter have been described above.

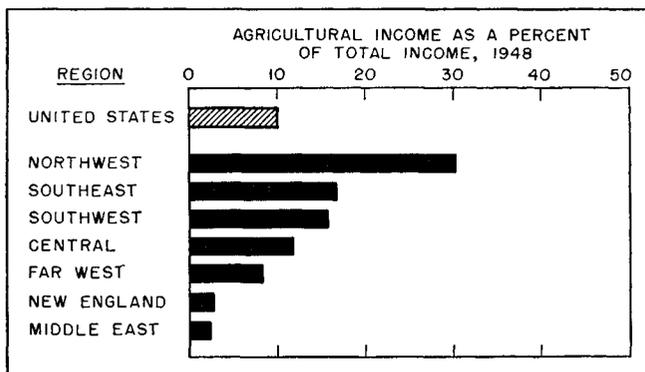
Among the other components of Government transfer payments, two movements of opposite direction and roughly equal size tended to cancel out in the total. Unemployment compensation benefits, mirroring the effects of expanding economic activity upon employment, receded by more than \$½ billion from the first-quarter annual rate. On the other hand, State veterans' bonus payments, led by a large program initiated in Pennsylvania in March, rose by a similar amount.

Disposition of personal income

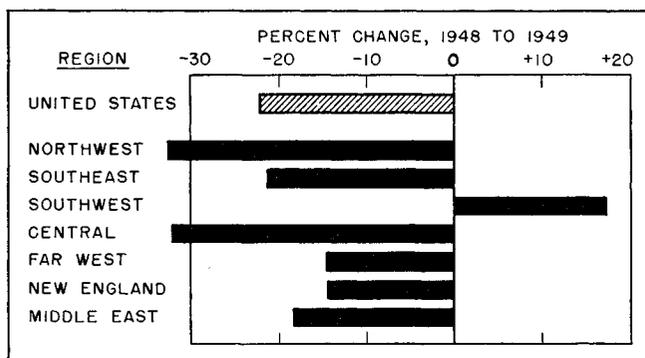
Federal withholding taxes, being closely linked to wage and salary disbursements, moved upward with payrolls in the second quarter, adding about \$½ billion, at annual rates, to personal tax payments. Disposable income, accordingly, dropped somewhat more than total personal income as the bulge created by the N. S. L. I. dividends was reduced in the June quarter. If the veterans' insurance payments are excluded from the series in both quarters of this year, there remains an increase of \$4½ billion, at annual rates, in disposable income from more permanent sources.

The fact that consumption expenditures did not rise commensurately suggests that there has been some recovery from the low rate of personal saving prevalent in the latter half of 1949, apart from the special influence of the veterans' insurance dividends. Total personal saving, including that made possible by receipt of N. S. L. I. checks, was at an annual rate of \$11 billion in the second quarter, as compared with \$15½ billion in the first and \$6 billion in the final quarter of last year.

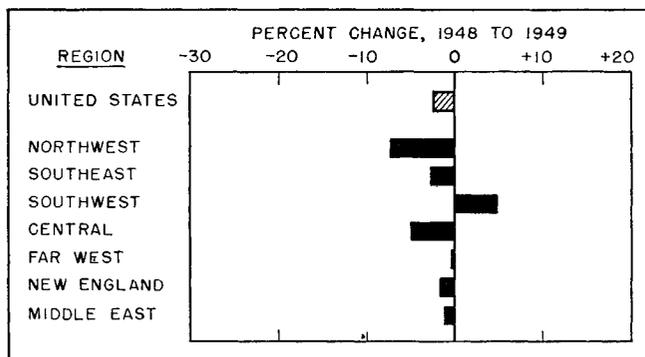
Because of wide regional differences in the relative importance of agriculture



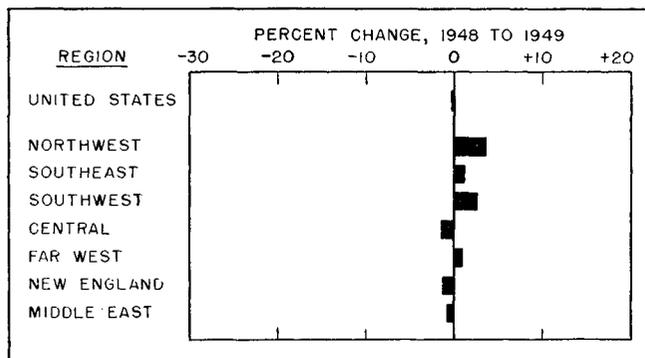
and because of large regional fluctuations in AGRICULTURAL INCOME



last year's regional movements in TOTAL INCOME



were significantly different from those in NONAGRICULTURAL INCOME.



U. S. DEPARTMENT OF COMMERCE, OFFICE OF BUSINESS ECONOMICS 50-240

State Income Payments in 1949

INCOME payments to individuals declined in 34 States in 1949—a year marking a moderate downward adjustment in postwar economic activity and an abatement of inflationary pressures. In seven States the flow of income to individuals was stable from 1948 to 1949, and in only eight were there further upward movements from the record highs established in 1948.

In the continental United States as a whole, the total income received by individuals declined 2 percent from 1948 to 1949—from \$202 billion to \$198 billion. By far the best regional showing was made by the Southwest, where income payments increased 5 percent. Aggregate income was maintained at the 1948 level in the Far West, but declined in the other five regions of the country.

In the Middle East total income was down 1 percent in 1949, and in New England the decline was 2 percent, about the same as that occurring nationally. Income payments in 1949 were 3 percent less than in 1948 in the Southeast. The largest declines—5 and 7 percent, respectively—occurred in the Central and Northwest regions.

Among the individual States, the largest gains were made by New Mexico (8 percent) and Texas (6 percent). In Delaware, the District of Columbia, Florida, and Louisiana income payments rose 5 percent from 1948 to 1949. At the other end of the scale, aggregate income declines ranging from 11 to 22 percent were sustained by the important farm States of Nebraska, Montana, Iowa, Mississippi, North Dakota, and South Dakota.

Despite the considerable divergence that characterized the 1948-49 State income changes, regional patterns are clearly evidenced. In seven of the eight States of the Far West and Southwest, total income either declined less than the national average or actually increased. (See table 1.) The same was true with respect to six of the seven Middle Eastern States. And in 13 of the 17 States comprising the Central and Northwestern areas, income payments declined by a larger percentage than in the country at large.

For the United States as a whole, per capita income payments (total income divided by total population) were \$1,330 in 1949—a decrease of 4 percent from the \$1,387 average for 1948, but higher than in any other year. On a regional basis, per capita income payments declined from 1948 to 1949 in all parts of the Nation except the Southwest. There, average incomes increased 5 percent. In the Southeast, Far West, Middle East, and New England, the declines paralleled the national movement. In the Central and Northwest regions they were as much as 6 and 10 percent, respectively.

This article continues the series of reports on State income payments which have been published annually in the SURVEY OF CURRENT BUSINESS. It presents estimates for each State and the District of Columbia of total and per capita income

NOTE.—MR. SCHWARTZ AND MR. GRAHAM ARE MEMBERS OF THE NATIONAL INCOME DIVISION, OFFICE OF BUSINESS ECONOMICS.

payments for 1949. Also included in the report are revised estimates of total income payments for 1946-48 and of per capita income payments for 1940-48. For convenience, the estimates of both total income and per capita income are published here for all years of the 1929-49 period. They are shown in tables 7 and 8, respectively.

The revisions of total income represent adjustments to revised national totals and incorporate better and more complete State data that became available in the past year. The revisions of per capita income stem, additionally, from the use of revised State population estimates. Unofficial population estimates furnished by the Bureau of the Census, taking into account the preliminary counts from the 1950 Census of Population, were used in the preparation of these improved per capita income estimates for the period since 1940.

Developments on National Scale

Prior to a further discussion of State income payments in 1949 as compared with those in previous years, a summary picture of developments on a national scale should prove useful. These developments strongly influenced the 1949 geographic income distribution, although regional differences in economic structure and pace of activity considerably modified the impact of national economic forces.

The gradual unfolding of last year's business recession was watched with great apprehension. But, in retrospect, it is evident that moderateness was its outstanding feature. Over the course of the downward adjustment, confined largely to the first half of the year, the gross national product dropped by an annual rate of \$12 billion, or 4 percent; but for the year as a whole the market value of national output, at \$256 billion, was only \$3.5 billion below the record annual total for 1948.

The decline in value of total production from 1948 to 1949 reflected a substantial drop in inventory investment demand, with aggregate sales in the economy showing a moderate increase. In 1948, when business stocks were still rising to meet postwar requirements, there was a high rate of inventory accumulation. Last year, when backlog needs largely had been filled and the passage of postwar inflation made advisable more cautious inventory policies on the part of businessmen, there was an appreciable liquidation of inventories. The over-all stability of aggregate sales within 1949—highlighted by the remarkable firmness of consumer purchases of goods and services—mitigated the impact of the inventory recession and led to a stabilization of activity in the second half of the year.

The character of last year's downturn in business activity was such that it struck rather hard at certain segments of the economy, notably manufacturing and agriculture, but left others largely untouched. Total income originating in manufacturing declined \$4½ billion, or 7 percent, from 1948 to 1949. This industry produces the bulk of inventory goods held in the economy and is in a particularly sensitive position with respect to business inventory policies. A decline of similar dollar magnitude—and amounting in relative terms to more than one-fifth—occurred in agriculture. This was mainly a consequence of sharply lower farm prices, which were affected adversely by accumulating supplies and some lessening of foreign demand. The total physical volume of farm production in 1949 was of near-record proportions.

In the trade, distribution, services, and construction sectors of the economy, however, activity was maintained or increased in 1949. This was a broad reflection of the combined strength of consumer purchases and of business investment demand other than for inventories. Further, the total

income paid out to individuals by Federal, State, and local governments increased 10 percent in 1949 over 1948. Expansions in government payrolls and transfers to individuals were elements of the generally supportive influence of governmental operations and policies on the economy in 1949.

State Income Changes from 1948 to 1949

Of the foregoing and other national economic developments in 1949, the sharp decline in farm income had the largest effect on the State distribution of income payments. This can be traced, at least in summary fashion, from the chart on the opposite page and from the data shown in tables 2 and 5.

A major fact in this regard is the strong influence of farm income declines on the general income stream throughout the Nation in 1949. In 44 States and in 6 of 7 regions, agricultural income moved downward from 1948 to 1949. In three-fourths of the States and all 6 regions of decline, the drop was 15 percent or more. Only in Florida and the Southwestern States of Texas, New Mexico, and Arizona were there counter, rising movements of agricultural income.

Although the Nation-wide drop in farm income is imprinted clearly on the 1948-49 geographic income changes, its impact in the various States and regions was far from uniform. As depicted regionally in the chart, this stemmed from two facts: (1) The role of agriculture in the State and regional economies is very unequal, and (2) geographic rates of change in farm income from 1948 to 1949—though mainly declines of sizable magnitude—were markedly divergent.¹

These varying rates were the net composite of a myriad of factors, national and local, affecting farm production, prices, and expenses but reflected in broad outline the differing regional impact of sharp declines in the value of wheat, corn, and oats production, the comparative maintenance of income from livestock production, stability in value of cotton production, and a moderate increase in the value of output of citrus fruits. Even this qualified generalization, however, suggests an undue degree of uniformity, as witnessed by declines in the value of cotton production in Mississippi and other Southeastern States and sharp increases in Texas, Arizona, New Mexico, and California.

In the New England and Middle Eastern States farm income amounts, on the average, to only 2 percent of total income, so the 1949 drop in agricultural income had little effect on the movement of aggregate income payments. But in a number of Northwestern, Central, and Southeastern States, where the direct proportion of income payments in 1948 accounted for by agriculture varied between 25 and 50 percent, farm income was reduced by one-third to one-half and materially depressed the general income stream. These States are North Dakota, South Dakota, Nebraska, Montana, Minnesota, Iowa, Mississippi, and Arkansas. In the Southwestern States, the role of agriculture was unique in that it contributed to total-income expansion from 1948 to 1949.

The foregoing summary is intended simply as part explanation and documentation of the most important aspect of the 1948-49 changes in State income payments: the marked differences between movements in total income and nonfarm income. As shown in the chart, these movements were significantly different in all regions except New England and the Middle East.

¹ Net income of farm proprietors (the major component of total agricultural income) is derived by deducting farmers' production expenses from their gross income. Since a measure of current income, not net receipts, is desired, gross income includes an adjustment (plus or minus) to cash income for the value of change in farmers' inventories of crops and livestock. Geographic movements in gross income from current production (the measure obtained by including the value of inventory change) have tended to differ markedly from those in gross cash income, and this was particularly true in recent years. It may be noted that the inventory adjustment in farm income has a general counterpart in nonfarm proprietors' income, the definition of which calls for cost of goods sold—not simply purchases—to be deducted from total receipts to arrive at net income.

In contrast to the general pattern of decline in total income payments, total income from nonfarm sources in 1949 held up on a Nation-wide basis, actually increased in four regions, and declined only 1 percent in the three other regions. The broad maintenance of the flow of nonfarm income throughout the Nation last year is further attested by the fact that in 43 States the 1949 total was within 2 percent of, or actually exceeded, the 1948 record highs.

This important generalization concerning the over-all performance of the nonfarm economy is based on national, region-wide, and State-wide data summarizing the varied movements of income payments from many different sources. It will be recognized that the data consequently do not reveal the severe effect of last year's business downturn in specific local areas and on certain income groups.

Changes in private nonagricultural income

The major part of geographic differences in income movements from 1948 to 1949 stemmed from agriculture, but there was considerable irregularity also in the flow of government income payments (the total of wages and salaries, interest, social insurance benefits, and other types of income disbursements to individuals by Federal, State, and local agencies). Particular reference should be made to the irregularity stemming from disbursements in a number of States in either 1948 or 1949 of State government bonuses to veterans of World War II. Such disbursements account for the large increases in government income payments shown for Delaware, Louisiana, Iowa, North Dakota, and South Dakota and the decline, or smallness of increase, in New York, Illinois, and Ohio.

Because of the considerable irregularity characterizing geographic movements in farm income and government income payments, private nonagricultural income is one of the most significant available measures of changes in regional economic activity. It eliminates from total income the direct effects of such random, short-run influences as weather, sharp variations in farm prices, and disbursements of veterans' bonuses. These tend to obscure developments occurring in the private nonfarm economies of the States and regions.

As shown in table 2, total income from private nonagricultural sources increased 1 percent from 1948 to 1949 in the Northwest and was stable in the Southwest, but went down in the other five regions. Declines were as much as 3 percent in the Central States and 4 percent in New England.

These differences, together with the wider variations obtaining on a State basis, reflect chiefly the uneven geographic impact in 1949 of reduced manufacturing activity. In New England, where private nonfarm income declined in all six States more than nationally, manufacturing payrolls constituted 32 percent of all income in 1948 and dropped 11 percent last year. These percentages were the largest of any region. In the Central region, the decline in factory payrolls, 6 percent, was no larger than average but, again, manufacturing is relatively large as a source of income. In the Northwest and Southwest factory payrolls actually increased from 1948 to 1949. Even had they declined, however, in conformity with the national pattern, the effect would have been relatively small since manufacturing is only two-fifths as important a source of income in these areas as in the country at large.

PER CAPITA INCOME PAYMENTS TO INDIVIDUALS, 1949

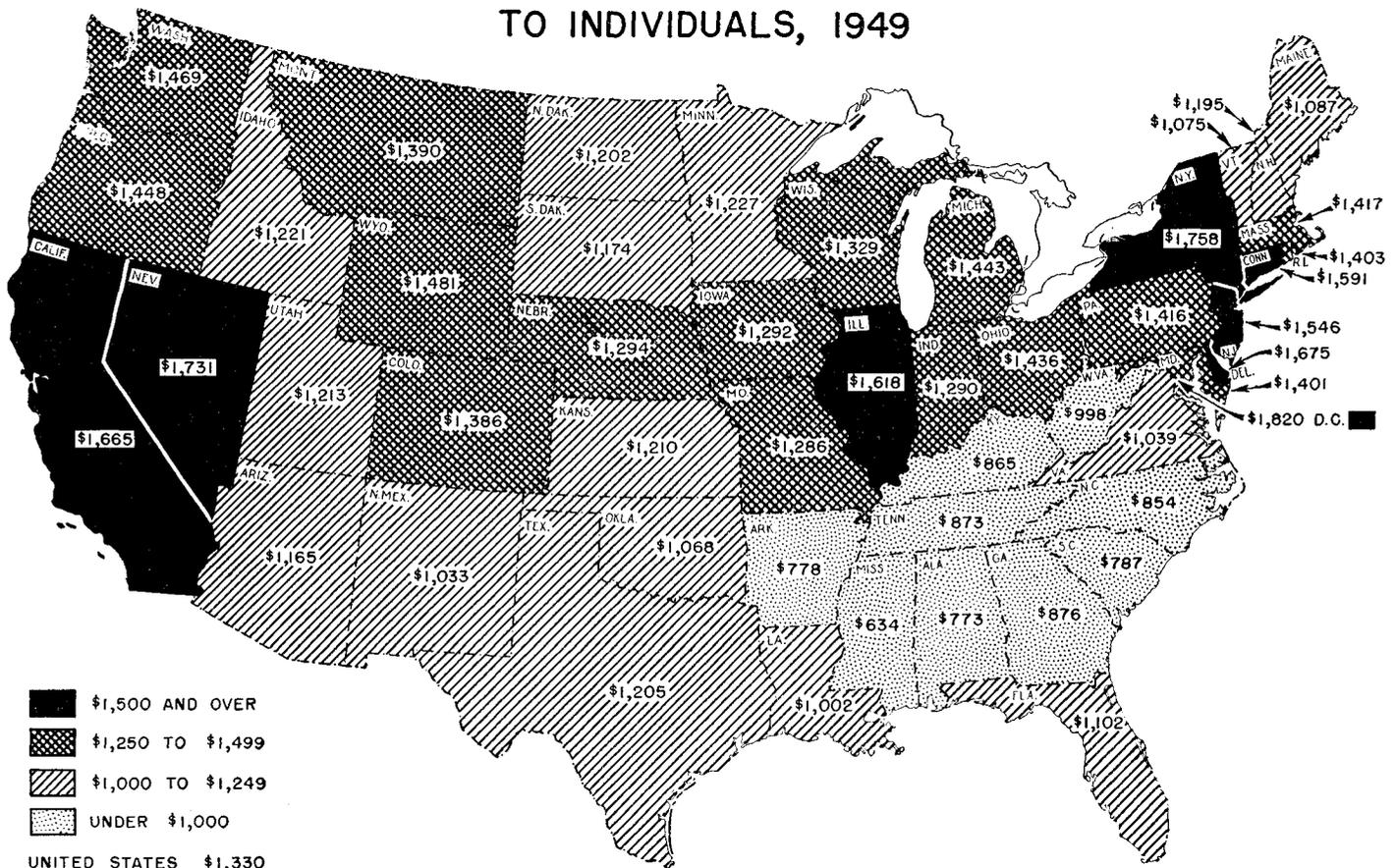


Table 1.—Percent Distribution of, and Relative Changes in, Total Income Payments, by States and Regions, Selected years, 1929-49¹

State and region	Percent distribution								Percent change					
	1929	1940	1944	1945	1946	1947	1948	1949	1929 to 1949	1940 to 1949	1944 to 1949	1946 to 1949	1947 to 1948	1948 to 1949
Continental United States	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	+139	+160	+29	+16	+9	-2
New England	8.22	8.07	6.99	6.90	6.92	6.82	6.65	+6.71	+95	+116	+24	+12	+6	-2
Connecticut.....	1.77	1.87	1.76	1.66	1.64	1.69	1.63	1.63	+120	+127	+19	+14	+5	-3
Maine.....	.54	.57	.57	.55	.54	.53	.52	.51	+124	+133	+14	+9	+8	-5
Massachusetts.....	4.58	4.36	3.55	3.57	3.62	3.48	3.41	3.49	+82	+108	+27	+11	+7	0
New Hampshire.....	.37	.35	.28	.30	.32	.32	.31	.31	+106	+131	+45	+14	+6	-2
Rhode Island.....	.70	.67	.63	.61	.58	.58	.57	.57	+93	+119	+16	+12	+6	-2
Vermont.....	.26	.25	.20	.21	.22	.22	.21	.20	+85	+114	+32	+8	+4	-5
Middle East	33.70	32.06	27.68	27.96	28.31	27.90	27.65	27.99	+99	+127	+30	+14	+8	-1
Delaware.....	.26	.31	.26	.25	.25	.25	.25	.27	+148	+126	+34	+25	+9	+5
District of Columbia.....	.77	1.19	.99	1.03	1.01	.94	.90	.97	+201	+112	+26	+11	+5	+5
Maryland.....	1.34	1.61	1.68	1.61	1.59	1.54	1.52	1.56	+179	+152	+20	+13	+8	0
New Jersey.....	3.96	4.14	3.81	3.69	3.62	3.53	3.48	3.55	+115	+124	+20	+13	+8	0
New York.....	17.53	15.60	12.73	13.13	13.51	13.23	13.16	13.33	+82	+123	+35	+14	+9	-1
Pennsylvania.....	8.88	8.21	7.31	7.30	7.37	7.39	7.31	7.33	+97	+132	+29	+15	+8	-2
West Virginia.....	.96	1.00	.90	.95	.96	1.02	1.03	.98	+143	+154	+40	+17	+11	-8
Southeast	10.51	11.93	14.29	14.41	13.90	13.75	13.76	13.71	+212	+200	+24	+14	+9	-3
Alabama.....	.97	1.01	1.29	1.31	1.22	1.24	1.23	1.17	+188	+203	+17	+11	+8	-7
Arkansas.....	.68	.65	.76	.79	.79	.74	.79	.73	+157	+193	+24	+7	+16	-9
Florida.....	.84	1.19	1.59	1.60	1.49	1.43	1.39	1.49	+324	+228	+21	+15	+6	+5
Georgia.....	1.16	1.30	1.58	1.58	1.52	1.52	1.48	1.48	+206	+197	+21	+13	+6	-2
Kentucky.....	1.17	1.16	1.20	1.25	1.25	1.24	1.27	1.25	+157	+181	+35	+15	+12	-4
Louisiana.....	1.04	1.12	1.33	1.28	1.19	1.20	1.25	1.34	+207	+213	+29	+30	+13	+5
Mississippi.....	.66	.58	.80	.78	.70	.74	.76	.67	+142	+197	+8	+10	+11	-14
North Carolina.....	1.17	1.49	1.65	1.69	1.76	1.74	1.70	1.70	+247	+196	+32	+11	+7	-3
South Carolina.....	.53	.72	.84	.84	.83	.81	.83	.80	+262	+191	+23	+12	+11	-6
Tennessee.....	1.10	1.22	1.52	1.59	1.49	1.48	1.46	1.45	+216	+208	+23	+12	+7	-3
Virginia.....	1.19	1.49	1.73	1.70	1.66	1.61	1.60	1.63	+226	+186	+22	+14	+9	-1
Southwest	5.03	5.15	6.21	6.09	5.93	6.22	6.16	6.61	+215	+234	+37	+29	+8	+5
Arizona.....	.30	.31	.39	.38	.38	.39	.41	.42	+242	+254	+42	+30	+15	0
New Mexico.....	.19	.25	.28	.29	.29	.30	.30	.34	+313	+250	+56	+36	+10	+8
Oklahoma.....	1.31	1.09	1.21	1.17	1.13	1.15	1.14	1.16	+113	+177	+24	+19	+8	0
Texas.....	3.23	3.60	4.33	4.25	4.13	4.38	4.31	4.69	+247	+249	+39	+31	+7	+6
Central	29.32	28.56	27.55	27.65	28.09	28.35	29.20	28.40	+132	+159	+33	+17	+12	-5
Illinois.....	8.52	7.57	6.72	6.90	7.11	7.18	7.41	7.14	+100	+146	+37	+16	+13	-6
Indiana.....	2.27	2.45	2.58	2.62	2.53	2.58	2.66	2.58	+172	+174	+29	+18	+13	-5
Iowa.....	1.63	1.63	1.51	1.56	1.74	1.56	1.87	1.67	+145	+168	+42	+11	+31	-13
Michigan.....	4.29	4.51	4.73	4.39	4.38	4.61	4.52	4.56	+154	+163	+24	+20	+7	-2
Minnesota.....	1.75	1.88	1.60	1.72	1.84	1.85	1.92	1.82	+150	+153	+47	+14	+13	-7
Missouri.....	2.67	2.52	2.39	2.44	2.56	2.48	2.58	2.56	+129	+164	+38	+16	+14	-3
Ohio.....	5.95	5.86	5.85	5.80	5.69	5.80	5.95	5.79	+133	+157	+28	+18	+12	-5
Wisconsin.....	2.24	2.14	2.17	2.22	2.24	2.29	2.29	2.28	+143	+177	+35	+18	+9	-3
Northwest	4.75	4.44	4.98	4.99	4.95	5.30	5.23	4.98	+150	+192	+29	+16	+8	-7
Colorado.....	.77	.78	.75	.81	.81	.88	.85	.86	+169	+189	+47	+23	+6	-2
Idaho.....	.28	.31	.35	.34	.36	.36	.36	.36	+207	+205	+32	+16	+10	-4
Kansas.....	1.20	1.00	1.30	1.23	1.17	1.29	1.17	1.16	+130	+203	+15	+15	-1	-3
Montana.....	.39	.42	.36	.37	.39	.43	.44	.40	+142	+145	+41	+18	+13	-12
Nebraska.....	.92	.75	.88	.87	.86	.84	.91	.84	+116	+191	+23	+12	+19	-11
North Dakota.....	.32	.31	.37	.37	.36	.47	.43	.36	+166	+197	+25	+14	-1	-18
South Dakota.....	.35	.32	.37	.40	.40	.42	.46	.37	+155	+203	+28	+9	+22	-22
Utah.....	.33	.35	.42	.42	.41	.41	.40	.42	+203	+211	+28	+19	+8	+1
Wyoming.....	.19	.20	.18	.18	.19	.20	.21	.21	+172	+177	+54	+27	+11	+1
Far West	8.47	9.79	12.30	12.00	11.90	11.66	11.35	11.60	+227	+208	+21	+13	+6	0
California.....	6.31	7.39	8.96	8.83	8.88	8.66	8.40	8.61	+226	+203	+24	+12	+6	0
Nevada.....	.09	.12	.14	.14	.14	.14	.14	.14	+274	+201	+30	+16	+9	-1
Oregon.....	.73	.83	1.09	1.06	1.04	1.08	1.06	1.06	+247	+231	+25	+18	+7	-2
Washington.....	1.34	1.45	2.11	1.97	1.84	1.78	1.75	1.79	+220	+221	+9	+12	+7	0

¹ Computed from data shown in table 7.

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

A striking feature of the geographic flow of income payments in 1949 was that in all States and regions income from trade and service activities was maintained near the record 1948 levels. This is further evidence that regionally, as well as nationally, reduced economic activity in 1949 was confined to a few industrial sectors.

Shifts in the regional income distribution

Data shown in tables 1 and 3 afford comparisons of State and regional income payments in 1949 with those in earlier periods. Three years which provide particularly significant bases for comparison are 1929, 1940, and 1946.

Long-term trends, 1929-49

Changes in the geographic distribution of income from 1929 to 1949—two prosperous, peacetime years spanning a two-decade period—provide measures of the long-term tendency for income payments in the various States and regions to grow or decline in relation to the Nation. Table 6 contains formal trend measures of this sort. It is intended for use in conjunction with the September 1948 SURVEY OF CURRENT

BUSINESS article on Regional Trends in Income Payments, which presented and analyzed trend measures based on a comparison of estimates for 1929 and 1947.²

From 1929 to 1949 there was a pronounced relative shift of income from the New England and Middle Eastern States to the South and West. The share of the Nation's total income payments to individuals received by the New England and Middle Eastern regions declined from 42 percent in 1929 to 35 percent in 1949. The proportion of all income received by the Southeast, Southwest, Northwest, and Far West increased from 29 to 37 percent. The share of the populous Central region changed little, from 29 to 28 percent.

As compared with the Nation-wide increase of 139 percent in the dollar volume of individual incomes from 1929 to 1949, there were expansions of 227 percent in the Far West, 215 percent in the Southwest, 212 percent in the Southeast, and 150 percent in the Northwest. The combined rate for

² The trend picture is not significantly changed through use of the 1949 data, but probably is somewhat improved for a number of the predominantly agricultural States. As noted in the September 1948 article, the measurement of income trends for farm States by the method proposed is subject to considerable qualification. The volatility of farm income stemming from large short-term fluctuations in prices and output renders the use of two single-year reference points an uncertain procedure. However, 1949 probably was a better year for this purpose than 1947, when there was a short corn crop and bumper wheat crop and farm prices generally were exceptionally high.

Table 2.—Percent Changes, 1948 to 1949, in Total Income Payments and Selected Components, by States and Regions

State and region	Total income payments	Agricultural income ¹	Non-agricultural income	Government income payments ²	Private non-agricultural income ³	Trade and service income ⁴	Manufacturing pay-rolls
Continental United States	-2	-22	0	+10	-2	-1	-6
New England	-2	-15	-1	+15	-4	0	-11
Connecticut.....	-3	-5	-3	+7	-5	0	-14
Maine.....	-5	-19	-4	+7	-6	-3	-10
Massachusetts.....	0	-13	0	+16	-3	0	-8
New Hampshire.....	-2	-8	-2	+14	-4	-2	-11
Rhode Island.....	-2	-13	-2	+16	-6	-2	-12
Vermont.....	-5	-27	-2	+12	-4	-2	-12
Middle East	-1	-18	-1	+7	-2	0	-6
Delaware.....	+5	-9	+6	+24	+5	+2	+7
Dist. of Columbia.....	+5	-9	+5	+7	+4	+3	+5
Maryland.....	0	-9	+1	+17	-2	-1	-6
New Jersey.....	0	-14	0	+12	-2	+1	-6
New York.....	-1	-24	-1	+2	-1	0	-5
Pennsylvania.....	-2	-17	-2	+12	-4	0	-7
West Virginia.....	-8	-18	-7	+14	-10	-2	-7
Southeast	-3	-21	+1	+13	-2	-1	-5
Alabama.....	-7	-29	-3	+8	-5	-2	-9
Arkansas.....	-9	-31	+1	+11	-2	-1	-5
Florida.....	+5	+37	+2	+11	0	0	-6
Georgia.....	-2	-20	+1	+14	-2	-2	-4
Kentucky.....	-4	-18	-1	+11	-4	-1	-2
Louisiana.....	+5	-16	+8	+35	+2	+2	-7
Mississippi.....	-14	-41	+1	+10	-2	-2	-12
North Carolina.....	-3	-16	+1	+14	-2	0	-6
South Carolina.....	-6	-28	-1	+5	-3	-1	-5
Tennessee.....	-3	-19	0	+10	-3	0	-5
Virginia.....	-1	-21	+2	+10	-1	-1	-2
Southwest	+5	+17	+3	+12	0	0	+1
Arizona.....	0	+8	-1	+10	-4	-4	-4
New Mexico.....	+8	+12	+8	+14	+6	0	+9
Oklahoma.....	0	-12	+3	+10	+1	-2	-2
Texas.....	+6	+28	+2	+13	0	+1	+2
Central	-5	-32	-1	+6	-3	-2	-6
Illinois.....	-6	-38	-3	-2	-3	-2	-8
Indiana.....	-5	-33	-1	+15	-3	-2	-5
Iowa.....	-13	-39	+4	+25	0	-1	0
Michigan.....	-2	-19	-1	+11	-2	-3	-3
Minnesota.....	-7	-35	+1	+12	-1	-2	-2
Missouri.....	-3	-28	+1	+8	0	-1	-1
Ohio.....	-5	-28	-3	0	-4	-1	-9
Wisconsin.....	-3	-20	0	+12	-2	-1	-7
Northwest	-7	-33	+4	+12	+1	-1	+3
Colorado.....	-2	-17	+2	+9	0	-2	-2
Idaho.....	-4	-19	+4	+11	+3	-2	+2
Kansas.....	-3	-24	+4	+12	+2	+1	+7
Montana.....	-12	-44	+5	+12	+4	+2	+2
Nebraska.....	-11	-34	+2	+6	-1	-2	+1
North Dakota.....	-18	-45	+10	+31	+4	0	+1
South Dakota.....	-22	-49	+6	+24	+2	0	-1
Utah.....	+1	-8	+2	+6	+1	+1	+5
Wyoming.....	+1	-9	+4	+14	+2	+2	+2
Far West	0	-15	+1	+15	-2	-2	-2
California.....	0	-11	+1	+14	-2	-2	-2
Nevada.....	-1	-13	+1	+16	-1	-1	-9
Oregon.....	-2	-22	0	+16	-2	-2	-8
Washington.....	0	-24	+2	+18	-2	-1	-2

¹ Consists of net income of farm proprietors (including value of change in inventories of crops and livestock), farm wages, and net rents to landlords living on farms.
² Consist of pay of State and local and of Federal civilian employees, net pay of the armed forces, family-allowance payments to dependents of enlisted military personnel, voluntary allotments of military pay to individuals, mustering-out payments to discharged servicemen, veterans' benefit payments (consisting of pensions and disability compensation, readjustment allowances, self-employment allowances, cash subsistence allowances, State government bonuses to veterans of World War II, cash terminal-leave payments and redemptions of terminal leave bonds, adjusted compensation benefits, military retirement payments, and interest payments by Government on veterans' loans), interest payments to individuals, public assistance and other direct relief, and benefit payments from social insurance funds.
³ Consists of total income payments minus agricultural income and Government income payments.
⁴ Consists of wages and salaries and proprietors' income.

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

these four regions of the South and West, 207 percent, was twice as large as the increases recorded for the Middle East and New England—99 and 95 percent, respectively.

In dollar volume, income payments in the 2 Northeastern regions increased from 35 billions in 1929 to 69 billions in 1949. For the 4 Southern and Western regions the increase over this period was from 24 billions to 73 billions.

Despite the long-term relative downtrends of income payments in the Middle East and New England, these two populous, high average-income areas still accounted for more than one-third of the Nation's total income in 1949. The relative income declines of these two areas, it should be

noted, reflect in large measure the industrial, commercial, and population growth of the newer and less developed parts of the country. A tapering in this rate of growth would make the forces underlying the relative shift of income to the South and West less strong in the future than they were in the past.

Three characteristics of the regional income trends furnish evidences of their underlying strength and pattern.

(1) The regional trends exhibit pervasiveness, in the sense that there has been a strong tendency for the direction of trends in individual States to correspond with that for the particular region in which they are located. The regional trends are not merely a conglomerate averaging of differing State trends.

(2) The regional trends observed by comparing the 1929 and 1949 income distributions developed and prevailed over the two periods 1929-40 and 1940-49. Continuity of pattern between these two fundamentally different periods is clearly evidenced.

(3) Analysis of the main industrial sources of the relative gains or declines in regional incomes shows that manufac-

Table 3.—Percent Changes, 1946 to 1949, in Total Income Payments and Selected Components, by States and Regions

State and region	Total income payments	Agricultural income ¹	Non-agricultural income	Government income payments ¹	Private non-agricultural income ¹	Trade and service income ¹	Manufacturing pay-rolls
Continental United States	+16	-5	+18	+10	+20	+16	+20
New England	+12	-5	+12	+11	+13	+16	+7
Connecticut.....	+14	+9	+15	+23	+13	+18	+4
Maine.....	+9	+5	+9	+5	+10	+11	+11
Massachusetts.....	+11	-12	+12	+7	+13	+16	+9
New Hampshire.....	+14	-4	+15	+20	+14	+18	+8
Rhode Island.....	+12	-7	+12	+16	+11	+14	+5
Vermont.....	+8	-23	+13	+20	+11	+16	+3
Middle East	+14	-17	+15	+6	+17	+17	+15
Delaware.....	+25	-1	+27	+13	+29	+19	+36
District of Columbia.....	+11	-	+11	+2	+20	+19	+29
Maryland.....	+13	-12	+14	+5	+17	+14	+10
New Jersey.....	+13	-14	+14	-3	+18	+20	+13
New York.....	+14	-24	+15	+14	+15	+16	+11
Pennsylvania.....	+15	-13	+16	-1	+19	+17	+24
West Virginia.....	+17	-15	+20	+2	+23	+22	+26
Southeast	+14	-6	+18	+8	+21	+16	+26
Alabama.....	+11	-4	+13	0	+17	+13	+25
Arkansas.....	+7	-2	+10	-1	+14	+8	+33
Florida.....	+15	-1	+18	+7	+21	+17	+14
Georgia.....	+13	-5	+16	+7	+18	+14	+23
Kentucky.....	+15	-6	+20	+7	+24	+19	+34
Louisiana.....	+30	+23	+31	+37	+29	+17	+30
Mississippi.....	+10	+17	+7	0	+11	+7	0
North Carolina.....	+11	-18	+20	+8	+23	+19	+27
South Carolina.....	+12	-27	+21	+7	+27	+17	+38
Tennessee.....	+12	-8	+16	+10	+18	+16	+18
Virginia.....	+14	-11	+17	+4	+22	+17	+32
Southwest	+29	+56	+25	+10	+29	+18	+41
Arizona.....	+30	+57	+25	+24	+26	+17	+46
New Mexico.....	+36	+51	+33	+21	+38	+25	+14
Oklahoma.....	+19	+11	+21	+10	+25	+11	+34
Texas.....	+31	+71	+25	+8	+29	+19	+43
Central	+17	-11	+20	+12	+22	+17	+25
Illinois.....	+16	-11	+18	+9	+20	+18	+19
Indiana.....	+18	-8	+21	+8	+24	+15	+32
Iowa.....	+11	-17	+26	+31	+25	+20	+41
Michigan.....	+20	-10	+22	+9	+24	+16	+31
Minnesota.....	+14	-11	+21	+14	+23	+17	+25
Missouri.....	+16	-6	+19	+3	+23	+15	+30
Ohio.....	+18	-10	+19	+14	+20	+18	+20
Wisconsin.....	+18	-12	+23	+18	+24	+17	+27
Northwest	+16	-7	+25	+15	+28	+19	+40
Colorado.....	+23	+22	+24	+18	+25	+21	+30
Idaho.....	+16	-1	+25	+11	+29	+14	+49
Kansas.....	+15	-7	+21	+8	+25	+16	+41
Montana.....	+18	-14	+32	+21	+35	+27	+44
Nebraska.....	+12	-6	+20	+8	+23	+15	+31
North Dakota.....	+14	-16	+40	+45	+38	+26	+42
South Dakota.....	+9	-21	+34	+33	+34	+25	+45
Utah.....	+19	+5	+21	-3	+30	+16	+68
Wyoming.....	+27	-5	+39	+42	+38	+28	+45
Far West	+13	-22	+17	+18	+16	+9	+21
California.....	+12	-22	+16	+20	+15	+8	+19
Nevada.....	+16	+36	+16	+12	+16	+14	+26
Oregon.....	+18	-16	+23	+26	+22	+16	+30
Washington.....	+12	-28	+18	+8	+21	+10	+27

¹ For definition see footnotes to table 2.

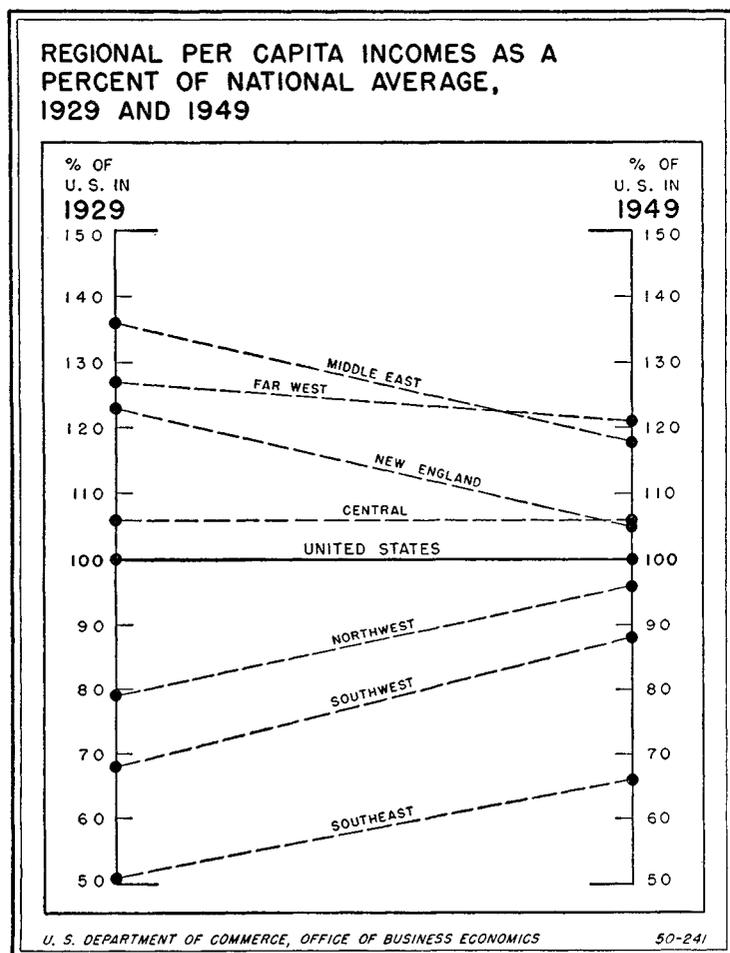
Source: U. S. Department of Commerce, Office of Business Economics.

turing, agriculture, trade and service, and government have each contributed materially to the regional shifts in total income since 1929. The broad regional income trends thus stem both from governmental flows and from developments in the major industrial segments of the private economy.

Shifts since prewar 1940

As mentioned in the preceding section, the pattern of shifts in the geographic distribution of income from 1940 to 1949 was in general conformity with that over the longer span since 1929.

From 1940 to 1949 total income payments in the continental United States increased 160 percent, from \$76 billion to \$198 billion. The largest relative expansions among the regions occurred in the Southwest (234 percent), Far West (208 percent), Southeast (200 percent), and Northwest (192 percent). The smallest increases were in the Middle East (127 percent) and New England (116 percent). The 159 percent rise recorded for the Central States was in line with the tendency for the longer-run course of income payments in this region to follow national movements closely.



State income changes from 1940 to 1949 were strikingly similar to the pattern of regional changes. Of the 28 States in the 4 Southern and Western regions, all but Montana in the Northwest scored percentage increases in total income payments from 1940 to 1949 exceeding the national average. Similarly, in all New England and Middle Eastern States the income rise was of less-than-average proportions (though by only a small margin in Maryland and West Virginia). And most Central States experienced 1940-49 income gains (ranging from 177 percent in Wisconsin to 146 percent in Illinois) roughly similar to the Nation-wide rise of 160 percent.

Regional Incomes in the Postwar Period

Geographic income changes in the postwar period assume added interest when viewed against the summary background of the pronounced shifts which have occurred since 1929 and 1940. This is true even though the postwar changes cannot qualify as measures of trend and have limited significance in that connection. The income data over the short period from 1946 to 1949 are too affected by random, temporary influences to furnish much of a gauge as to the long-run trends of State and regional income payments.

Data for the comparative analysis of State income payments in 1946 and 1949 are given in table 3. Examination of these data discloses rather distinct regional patterns, particularly when attention is focused on the major components of total income. In general, as outlined below, it would appear that the below-average rise of income payments in the Far West was the major divergence of regional postwar income movements from long-run trends.

New England

In all three major income aggregates—total income payments, nonagricultural income, and private nonagricultural income—every New England State experienced a below-average rate of increase over the postwar period from 1946 to 1949. Chiefly responsible was the region's relative lag in manufacturing. It characterized all six States during the boom years 1947 and 1948 but was particularly pronounced in 1949.

Factory payrolls were reduced 8 percent last year in Massachusetts, as compared with 6 percent on a national basis. The 10-14 percent reductions in factory payrolls sustained by the other New England States were the largest in the country except for Mississippi's decline of 12 percent.

In only 5 of 20 principal types of manufactures did New England better the national record from 1948 to 1949 (as measured by comparative percentage changes in factory payrolls). Payrolls in the area's largest industry, textiles, dropped 17 percent last year. This industry contributed 19 percent of all factory payrolls in the area in 1948, with the percentage running as high as 30 in New Hampshire and 44 in Rhode Island. In Connecticut, which places the least dependence of any New England State on textiles, payrolls in the 4 industry groups manufacturing machinery and metal products—constituting half the total—fell by percentages ranging from 11 to 19.

Since the summer of 1949 the manufacturing situation in New England has improved appreciably. In June of the current year total factory employment in the region, though still 10 percent below the fall 1948 peak, was up 5 percent over June 1949. This increase was about the same as that for the Nation.

Middle East

Over the course of the 1946-49 period, total income payments in the Middle Eastern region rose 14 percent, as compared with the Nation-wide advance of 16 percent. The region's increases in nonagricultural income and private nonagricultural income also were somewhat below average. The Middle East's performance in the postwar period, therefore, was in general conformity with the longer run tendency for the area not to share proportionately in Nation-wide income growth.

Numerous factors underlay the postwar over-all record of this large and heterogeneous area. The most important would appear to be its comparatively small expansion in manufactures. This, however, was confined to New York, New Jersey, and Maryland.

Warranting special note is the fact that in Delaware, the

District of Columbia, and West Virginia income experience in 1947 and 1948 differed markedly from that in 1949.

1. Delaware's 20-percent income rise in the earlier postwar period closely paralleled that for the Nation. In 1949, however, income payments in the State moved up 5 percent, in contrast to the small decline nationally. This differential movement stemmed largely from a 10-percent rise in Delaware of payrolls in the chemicals industry, which makes up half of the State's manufacturing total.

2. From 1946 to 1948 income payments in the District of Columbia went up by 8 percent—the smallest increase in the country. Government payrolls, which account directly for two-fifths of the District's total income, were stable over this period. In 1949 government payrolls in the District advanced 7 percent, and total income 5 percent.

3. In West Virginia, income payments increased 31 percent from 1946 to 1948 but declined 8 percent in 1949. These larger-than-average movements stemmed mainly from fluctuations of payrolls in the State's important coal-mining industry.

Table 4.—Differentials and Relative Changes in Per Capita Income Payments, by States and Regions, Selected Years, 1929-49¹

State and region	Percent of national per capita income								Percent change		
	1929	1940	1944	1945	1946	1947	1948	1949	1940 to 1949	1946 to 1949	1948 to 1949
Continental United States...	100	100	100	100	100	100	100	100	+131	+10	-4
New England	123	126	112	110	108	106	105	105	+92	+6	-4
Connecticut.....	135	144	132	125	121	123	121	120	+92	+8	-5
Maine.....	83	87	90	87	86	85	84	82	+118	+4	-6
Massachusetts.....	132	134	112	112	111	108	106	107	+55	+5	-3
New Hampshire.....	96	98	90	92	92	89	90	90	+112	+7	-5
Rhode Island.....	125	125	114	108	106	106	103	105	+95	+9	-2
Vermont.....	88	90	82	85	86	84	83	81	+107	+3	-7
Middle East	136	131	117	118	118	116	116	118	+108	+9	-3
Delaware.....	135	154	121	117	120	118	117	126	+89	+16	+4
District of Columbia.....	175	190	111	115	128	125	124	137	+67	+17	+6
Maryland.....	103	123	116	112	109	108	107	105	+97	+6	-6
New Jersey.....	139	140	124	122	119	118	115	116	+92	+7	-3
New York.....	165	150	132	135	134	130	130	132	+103	+8	-2
Pennsylvania.....	113	109	104	104	105	104	105	106	+126	+11	-3
West Virginia.....	68	69	69	74	73	77	78	75	+151	+13	-8
Southeast	51	56	66	68	67	67	67	66	+174	+9	-4
Alabama.....	45	47	61	62	59	61	60	58	+186	+8	-7
Arkansas.....	45	44	55	59	60	58	62	58	+208	+7	-10
Florida.....	71	82	87	89	90	85	81	83	+134	+2	-2
Georgia.....	48	55	66	68	66	67	66	66	+176	+10	-5
Kentucky.....	55	54	60	65	64	64	66	65	+181	+12	-5
Louisiana.....	61	62	71	70	65	67	69	75	+180	+27	+4
Mississippi.....	40	35	49	50	49	52	54	48	+212	+8	-16
North Carolina.....	45	55	61	64	66	66	64	64	+170	+7	-4
South Carolina.....	37	50	58	59	61	59	61	59	+173	+7	-7
Tennessee.....	51	55	70	73	68	67	65	66	+176	+6	-4
Virginia.....	62	77	83	82	79	79	78	78	+133	+8	-5
Southwest	68	69	82	80	78	83	80	88	+192	+23	+5
Arizona.....	84	81	85	89	87	87	85	88	+149	+10	-1
New Mexico.....	56	62	69	71	70	73	72	78	+192	+21	+4
Oklahoma.....	67	62	78	72	70	74	75	80	+199	+25	+3
Texas.....	68	72	84	83	80	86	82	91	+192	+24	+6
Central	106	105	105	105	105	105	109	106	+134	+11	-6
Illinois.....	137	126	116	119	121	118	124	122	+123	+11	-6
Indiana.....	86	94	101	102	96	98	100	97	+138	+11	-7
Iowa.....	80	84	88	90	90	89	109	97	+166	+7	-14
Michigan.....	110	113	115	107	105	110	108	108	+122	+13	-3
Minnesota.....	83	89	84	89	93	93	97	92	+141	+8	-8
Missouri.....	90	88	88	91	94	91	97	97	+155	+13	-4
Ohio.....	110	112	111	109	107	108	111	108	+123	+11	-6
Wisconsin.....	93	90	97	100	99	100	101	100	+158	+10	-5
Northwest	79	79	94	96	95	103	102	96	+181	+10	-10
Colorado.....	91	90	88	98	98	110	105	104	+168	+17	-5
Idaho.....	76	76	88	93	98	101	93	92	+178	+3	-5
Kansas.....	78	73	97	93	89	98	92	91	+187	+13	-5
Montana.....	89	100	104	107	111	122	122	105	+143	+3	-18
Nebraska.....	82	75	96	96	96	95	106	97	+199	+11	-12
North Dakota.....	57	65	93	94	93	123	110	90	+224	+6	-21
South Dakota.....	61	66	90	97	99	102	115	88	+210	-2	-26
Utah.....	79	83	91	91	88	91	88	91	+154	+14	-1
Wyoming.....	101	103	92	99	105	111	108	111	+150	+17	-1
Far West	127	130	132	125	130	127	120	121	+116	+3	-4
California.....	139	140	135	127	136	133	126	125	+107	+1	-4
Nevada.....	120	143	123	131	143	140	115	130	+111	0	+7
Oregon.....	94	100	118	117	117	117	113	109	+182	+2	-9
Washington.....	105	109	131	118	109	108	104	110	+134	+11	+2

¹ Computed from data shown in table 8.

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

Table 5.—Major Sources of Income Payments in Each State and Region: Selected Components as a Percent of Total Income, 1949

State and region	Agricultural income ¹	Government income payments ¹	Manufacturing payrolls	Trade and service income ¹	All other income
Continental United States...	8.0	15.6	22.1	26.7	27.6
New England	2.4	15.8	29.6	25.4	26.8
Connecticut.....	2.3	11.9	33.8	23.3	28.7
Maine.....	8.4	17.1	26.2	24.5	23.8
Massachusetts.....	1.2	17.0	28.2	26.9	26.7
New Hampshire.....	3.9	15.8	29.9	24.9	25.5
Rhode Island.....	.7	18.3	32.6	23.9	24.5
Vermont.....	10.4	15.6	21.8	25.5	26.7
Middle East	2.0	14.9	24.5	28.6	30.0
Delaware.....	5.0	10.4	31.5	20.1	33.0
District of Columbia.....		45.2	3.2	28.8	22.8
Maryland.....	3.6	18.3	20.8	27.3	30.0
New Jersey.....	2.1	13.4	32.9	25.0	26.6
New York.....	1.4	13.8	22.0	32.2	30.6
Pennsylvania.....	2.5	13.2	29.1	25.2	30.0
West Virginia.....	4.6	13.6	19.5	21.6	40.7
Southeast	13.5	19.6	16.9	25.6	24.4
Alabama.....	12.6	19.5	20.0	24.6	23.3
Arkansas.....	25.5	18.3	9.9	25.1	21.2
Florida.....	10.0	19.4	7.2	32.4	31.0
Georgia.....	11.6	18.7	18.9	27.6	23.2
Kentucky.....	15.6	17.5	14.0	24.5	28.4
Louisiana.....	10.0	21.2	13.3	25.2	30.3
Mississippi.....	24.4	21.8	10.5	24.7	18.6
North Carolina.....	16.4	16.7	24.9	22.7	19.3
South Carolina.....	13.4	19.6	27.3	22.6	17.1
Tennessee.....	11.8	18.3	20.1	26.0	23.8
Virginia.....	9.1	24.4	16.6	24.3	25.6
Southwest	17.5	16.7	9.5	25.0	31.3
Arizona.....	18.8	19.7	5.2	25.0	31.3
New Mexico.....	16.5	21.5	3.8	23.9	34.3
Oklahoma.....	16.1	19.9	8.2	24.3	31.5
Texas.....	17.8	15.3	10.6	25.2	31.1
Central	8.4	12.9	28.4	25.2	25.1
Illinois.....	5.7	12.3	26.6	26.8	28.6
Indiana.....	9.3	12.3	32.7	24.0	21.7
Iowa.....	26.9	14.5	13.3	23.2	22.1
Michigan.....	4.3	12.7	39.3	22.9	20.8
Minnesota.....	16.4	14.7	15.5	26.0	27.4
Missouri.....	11.4	14.0	19.1	28.4	27.1
Ohio.....	4.4	12.8	32.5	24.7	25.6
Wisconsin.....	11.6	12.0	28.5	24.3	23.6
Northwest	22.1	16.6	8.5	25.0	27.8
Colorado.....	15.0	19.3	9.5	26.9	29.3
Idaho.....	27.4	14.4	9.0	22.6	26.6
Kansas.....	19.6	15.5	11.5	23.7	29.7
Montana.....	22.4	15.5	7.0	20.2	30.2
Nebraska.....	26.3	14.5	8.2	26.2	24.8
North Dakota.....	34.5	17.3	2.2	25.6	20.4
South Dakota.....	33.3	16.8	4.3	25.3	20.3
Utah.....	10.6	20.7	9.9	25.2	33.6
Wyoming.....	20.0	16.3	5.5	22.8	35.4
Far West	7.1	18.4	15.2	29.8	29.5
California.....	6.7	18.4	14.4	30.5	30.0
Nevada.....	10.6	15.3	3.5	30.8	39.8
Oregon.....	9.3	15.2	20.1	28.3	27.1
Washington.....	7.3	20.7	17.0	27.2	27.8

¹ For definition see footnotes to table 2.

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

Southeast

In the Southeast, a region of relative uptrend in income payments, the increase in total income from 1946 to 1949 was of somewhat below-average proportion. This is attributable to a reduction in farm income, traceable in large measure to tobacco and cotton. The region's record with respect to incomes flowing from nonfarm sources matched that for the country as a whole.

Particularly noteworthy, however, are the comparatively small increases in nonagricultural income that occurred over the 1946-49 period in Mississippi, Arkansas, and Alabama. The lag in Alabama was the product of developments in 1949, but in Mississippi and Arkansas it covered the entire postwar period. In these three States, postwar increases in income from trade and service activities have fallen far short of those in most other States.

The 1946-49 expansion of factory payrolls in the Southeast markedly exceeded the national rate, with 8 of the 11 States contributing to the region's relative gain. This accorded with the long-term upward trend of manufacturing in this area. Though the Southeast is still not relatively

industrialized, its percentage share of the Nation's factory payrolls was one-third larger in 1949 than in 1929.

Southwest

The several comprehensive measures of regional economic activity provided in table 3 reveal a postwar record for the Southwest substantially better than that of any other region. The singularly large—29 percent—rise in total income payments in the Southwest from 1946 to 1949 was derived in

Table 6.—Trend Measures of Income Payments, by States and Regions

State and region	Total income payments		Per capita income payments	
	1949 as percent of 1929	Percent change in relative position, 1929 to 1949 ¹	1949 as percent of 1929	Percent change in relative position, 1929 to 1949 ²
Continental United States	239		196	
New England	195	-18	166	-15
Connecticut.....	220	-8	173	-11
Maine.....	224	-6	192	-1
Massachusetts.....	182	-24	158	-19
New Hampshire.....	206	-14	183	-6
Rhode Island.....	193	-19	165	-16
Vermont.....	185	-23	179	-8
Middle East	199	-17	169	-13
Delaware.....	248	+4	132	-7
District of Columbia.....	301	+26	153	-22
Maryland.....	279	+17	199	+2
New Jersey.....	215	-10	163	-17
New York.....	182	-24	156	-20
Pennsylvania.....	197	-18	185	-6
West Virginia.....	243	+2	215	+10
Southeast	312	+30	256	+29
Alabama.....	288	+21	253	+29
Arkansas.....	257	+8	255	+29
Florida.....	424	+77	228	+17
Georgia.....	306	+28	266	+38
Kentucky.....	257	+7	233	+18
Louisiana.....	307	+28	241	+23
Mississippi.....	242	+1	232	+20
North Carolina.....	347	+45	276	+12
South Carolina.....	362	+51	312	+59
Tennessee.....	316	+32	250	+29
Virginia.....	326	+36	246	+26
Southwest	315	+32	251	+29
Arizona.....	342	+43	203	+5
New Mexico.....	413	+73	270	+39
Oklahoma.....	213	-11	235	+19
Texas.....	347	+45	259	+34
Central	232	-3	196	0
Illinois.....	200	-16	174	-11
Indiana.....	272	+14	221	+13
Iowa.....	245	+2	237	+21
Michigan.....	254	+6	194	-2
Minnesota.....	250	+4	217	+11
Missouri.....	229	-4	210	+8
Ohio.....	233	-3	192	-2
Wisconsin.....	243	+2	210	+8
Northwest	250	+5	238	+22
Colorado.....	269	+13	225	+14
Idaho.....	307	+29	236	+21
Kansas.....	230	-4	227	+17
Montana.....	242	+1	231	+18
Nebraska.....	216	-10	232	+18
North Dakota.....	266	+11	309	+58
South Dakota.....	255	+7	282	+44
Utah.....	303	+27	226	+15
Wyoming.....	272	+14	216	+10
Far West	327	+37	186	-5
California.....	326	+36	176	-10
Nevada.....	374	+56	212	+8
Oregon.....	347	+45	226	+16
Washington.....	320	+34	206	+5

¹ Obtained by computing the percent increase or decrease from 1929 to 1949 in the percentage of total income payments in the United States received by each State and region. To avoid appreciable rounding errors for the smallest States, the computations were based on percentages carried to three places beyond the decimal, rather than on the figures shown in table 1. Alternatively, this measure can be computed from the column of data in this table showing total income payments in 1949 as percent of 1929. The percentage for each State and region should be divided by the United States' percentage and 100 subtracted from each of the resulting indexes.

² Obtained by computing the percent increase or decrease from 1949 to 1949 in the percentage that each State's and region's per capita income is of the national per capita income (see table 4). Alternatively, this measure can be computed from the column of data in this table showing per capita income in 1949 as percent of 1929. The percentage for each State and region should be divided by the United States' percentage and 100 subtracted from each of the resulting indexes.

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

part from an improvement in the cotton situation in the area over the small 1946 crop. However, the flow of income from the nonfarm segment of the Southwest's economy also expanded at distinctly above-average rates in the postwar period.

All four Southwestern States have experienced relatively large postwar advances in income payments. The gain for Oklahoma is of particular interest as marking a continuation of the State's improved showing since 1940. The percentage share of the Nation's income received by Oklahoma declined sharply in the prewar period from 1929 to 1940, was maintained over the 1940-46 period, and increased moderately in the postwar years.

Growth of manufactures in the Southwest—the least industrialized of any region except the Northwest—is probably the key factor underlying its postwar progress. The region's 41-percent increase in factory payrolls from 1946 to 1949 was double the national rate. This gain represented an extension of a top-ranking relative growth in manufactures over the period from 1940 to 1946. According to available factory employment data, the favorable showing by the region has continued into the current year.

Central States

The 17-percent expansion of total income payments in the Central region from 1946 to 1949 was slightly larger than the Nation-wide average. It was materially dampened, however, by declines in farm income throughout the 8-State area. The 1946-49 increase in nonfarm income in the Central States was relatively large. Particularly to be noted is the 25-percent rise in factory payrolls. This compares with 7 percent for New England and 15 percent for the Middle East, the Nation's 2 other large industrial areas.

In the Central region, which includes both highly industrialized and primarily agricultural States, income payments advanced at above-average rates in both 1947 and 1948. In general, the relatively large rise was derived from manufacturing in 1947 and from agriculture in 1948. Declines in income from these two important sources were responsible for the region's comparatively large (5 percent) downturn in total income payments in 1949.

The effect of last year's decline in income payments in the Central States was thus largely to cancel the relative gains made by the region in the two preceding years. On balance, therefore, income developments in the Central States over the postwar years have been in general accord with the long-term tendency for the region to receive an approximately constant share of the Nation's income.

Northwest

As pointed out in previous State income reports, the Northwest is the most agricultural of the regions and the one in which farm income is most volatile and movements of total income are most irregular and least subject to pattern.

The region's record in the postwar period supports this generalization. Agricultural income in the Northwest rose 36 percent in 1947 and 2 percent in 1948, and then dropped 33 percent in 1949. Reflecting the dominance of agriculture, total income payments in the region increased 16 percent in 1947 and 8 percent in 1948 but decreased 7 percent last year. Despite the declines, total income and farm income in 1949 were still at comparatively high levels.

The regional data, it should be added, are an averaging of very divergent movements among the individual Northwestern States. These reflect the differing emphasis within the area placed upon wheat, meat animals, and corn as sources of income.

Table 7.—Total Income Payments to Individuals, by States and Regions, 1929-49

[Millions of dollars]

State and region	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Continental United States	82,617	73,325	61,971	47,432	46,273	53,038	58,558	68,000	72,211	66,045	70,601	75,852	92,269	117,196	141,831	153,396	157,190	170,962	185,339	202,385	197,531
New England	6,792	6,282	5,623	4,481	4,264	4,678	5,031	5,673	5,909	5,372	5,729	6,124	7,367	8,965	10,248	19,707	10,828	11,831	12,650	13,463	13,247
Connecticut	1,459	1,337	1,178	911	888	1,006	1,096	1,267	1,356	1,199	1,301	1,417	1,837	2,334	2,639	2,697	2,604	2,808	3,129	3,301	3,213
Maine	449	432	381	298	297	323	353	398	408	377	400	431	505	680	872	881	867	921	984	1,058	1,004
Massachusetts	3,787	3,512	3,156	2,555	2,386	2,593	2,757	3,093	3,193	2,928	3,106	3,309	3,846	4,520	5,136	5,438	5,606	6,186	6,455	6,904	6,892
New Hampshire	302	279	259	199	200	228	241	262	272	258	268	269	309	355	388	427	467	546	596	634	621
Rhode Island	570	527	477	385	366	391	429	472	494	447	480	511	651	822	923	961	952	999	1,083	1,134	1,117
Vermont	216	195	172	133	127	143	158	180	177	163	174	187	219	254	290	303	332	371	403	421	409
Middle East	27,840	25,609	22,031	17,045	16,337	18,299	19,577	22,448	23,481	21,593	22,783	24,319	28,203	33,449	38,401	42,431	43,965	48,401	51,712	55,965	55,295
Delaware	218	182	167	128	127	147	161	192	205	178	203	239	278	328	384	402	399	432	469	513	511
District of Columbia	638	644	619	549	495	556	631	763	792	781	813	905	1,040	1,260	1,456	1,518	1,617	1,727	1,743	1,825	1,919
Maryland	1,106	1,036	927	743	720	815	871	1,000	1,067	1,000	1,074	1,222	1,516	2,033	2,449	2,577	2,539	2,722	2,851	3,069	3,081
New Jersey	3,268	3,081	2,713	2,151	1,985	2,197	2,361	2,690	2,835	2,658	2,859	3,138	3,676	4,572	5,420	5,838	5,797	6,188	6,545	7,038	7,018
New York	14,479	13,346	11,435	8,840	8,509	9,369	9,941	11,246	11,635	10,759	11,301	11,830	13,384	15,340	17,762	19,506	20,647	23,066	24,513	26,633	26,340
Pennsylvania	7,338	6,638	5,580	4,172	4,027	4,627	4,989	5,818	6,174	5,438	5,819	6,225	7,404	8,822	10,377	11,208	11,469	12,503	13,701	14,797	14,938
West Virginia	793	682	590	462	474	588	623	739	773	689	714	760	905	1,094	1,253	1,381	1,497	1,642	1,890	2,090	1,928
Southeast	8,681	7,127	6,064	4,979	5,136	6,354	6,976	8,132	8,457	7,904	8,414	9,043	11,580	15,594	19,722	21,907	22,662	23,786	25,494	27,829	27,984
Alabama	202	617	512	419	419	537	585	699	711	652	681	743	1,037	1,437	1,812	1,980	2,056	2,093	2,300	2,486	2,313
Arkansas	562	393	332	287	288	342	389	470	479	456	478	495	658	908	1,005	1,161	1,248	1,353	1,373	1,593	1,443
Florida	695	635	546	439	425	516	584	711	773	751	819	900	1,062	1,469	2,148	2,433	2,521	2,554	2,649	2,817	2,948
Georgia	956	798	667	560	596	755	800	907	920	863	901	986	1,241	1,648	2,176	2,426	2,484	2,597	2,817	2,990	2,928
Kentucky	964	794	679	530	534	636	713	847	902	793	839	880	1,042	1,336	1,695	1,839	1,967	2,145	2,298	2,580	2,476
Louisiana	862	725	640	499	487	595	641	748	792	789	828	847	1,066	1,419	1,898	2,045	2,018	2,033	2,230	2,522	2,647
Mississippi	544	385	292	256	256	359	373	463	442	399	436	444	630	886	1,105	1,221	1,224	1,201	1,374	1,531	1,317
North Carolina	966	812	690	576	677	845	915	1,006	1,077	1,011	1,090	1,131	1,436	1,872	2,270	2,536	2,651	3,012	3,223	3,430	3,349
South Carolina	438	365	314	261	299	378	406	468	485	451	493	545	703	956	1,153	1,201	1,319	1,420	1,598	1,681	1,584
Tennessee	905	743	622	498	516	661	721	846	880	801	853	927	1,221	1,530	2,003	2,329	2,495	2,544	2,742	2,946	2,858
Virginia	987	860	770	654	639	770	849	967	996	938	966	1,127	1,484	2,133	2,457	2,646	2,679	2,834	2,980	3,244	3,221
Southwest	4,153	3,428	2,788	2,199	2,299	2,623	2,924	3,402	3,804	3,583	3,756	3,968	4,734	6,608	8,741	9,514	9,575	10,125	11,526	12,464	13,066
Arizona	245	208	170	122	120	149	167	202	232	213	227	237	287	449	601	591	604	644	725	835	839
New Mexico	161	137	116	86	90	113	131	162	177	165	179	190	222	300	380	425	456	490	558	614	665
Oklahoma	1,079	844	659	507	537	583	663	753	841	767	796	829	956	1,335	1,639	1,853	1,839	1,926	2,130	2,299	2,297
Texas	2,668	2,239	1,843	1,484	1,552	1,778	1,960	2,285	2,554	2,438	2,554	2,652	3,269	4,524	6,121	6,845	6,676	7,065	8,113	8,716	9,265
Central	24,226	20,833	17,185	12,630	12,193	14,139	16,220	18,986	20,620	18,378	20,090	21,660	26,800	33,520	39,704	42,252	43,455	48,030	52,529	59,085	56,111
Illinois	7,036	5,993	4,813	3,517	3,335	3,787	4,222	4,900	5,395	4,833	5,285	5,740	6,889	8,267	9,476	10,297	10,849	12,160	13,305	15,002	11,097
Indiana	1,877	1,595	1,325	974	978	1,167	1,312	1,571	1,713	1,522	1,688	1,858	2,437	3,112	3,766	3,959	4,113	4,327	4,784	5,387	5,097
Iowa	1,848	1,248	965	619	644	606	896	982	1,092	1,068	1,185	1,233	1,527	2,015	2,389	2,318	2,451	2,982	2,894	3,788	3,301
Michigan	3,543	2,940	2,413	1,816	1,641	2,121	2,469	2,926	3,257	2,705	3,054	3,425	4,271	5,526	6,924	7,259	6,902	7,495	8,550	9,155	9,013
Minnesota	1,443	1,325	1,125	839	812	921	1,083	1,281	1,362	1,304	1,378	1,424	1,626	2,060	2,316	2,456	2,699	3,153	3,421	3,875	3,603
Missouri	2,210	1,981	1,685	1,284	1,244	1,380	1,533	1,763	1,824	1,709	1,832	1,914	2,263	2,942	3,301	3,662	3,831	4,371	4,587	5,213	5,052
Ohio	4,920	4,261	3,564	2,610	2,601	3,066	3,447	4,072	4,406	3,794	4,154	4,458	5,646	7,022	8,417	8,967	9,122	9,719	10,763	12,032	11,443
Wisconsin	1,849	1,587	1,292	971	938	1,081	1,258	1,482	1,671	1,443	1,514	1,622	2,041	2,576	3,025	3,334	3,488	3,823	4,235	4,633	4,495
Northwest	3,927	3,592	2,824	1,931	1,953	2,250	2,627	3,029	3,238	2,973	3,099	3,363	4,109	6,087	7,135	7,842	8,454	8,454	9,824	10,609	9,822
Colorado	633	580	478	362	358	404	446	538	584	523	563	589	695	900	1,144	1,137	1,274	1,380	1,626	1,729	1,703
Idaho	230	204	153	112	115	146	165	201	223	207	213	232	278	423	487	537	540	608	671	735	707
Kansas	997	928	730	487	474	549	622	724	781	690	692	757	974	1,500	1,824	1,987	1,929	2,000	2,399	2,368	2,291
Montana	325	264	213	158	158	212	250	283	299	271	288	321	372	472	531	558	578	669	797	897	787
Nebraska	764	749	578	344	374	476	534	549	509	523	569	655	1,047	1,220	1,343	1,370	1,478	1,554	1,848	1,653	
North Dakota	264	224	160	122	126	136	178	197	217	196											

country and the concentration of low-income States in the South. Per capita incomes in 1949 varied from \$634 in Mississippi to \$1,820 in the District of Columbia. Others in the top rank include New York (\$1,758), Nevada (\$1,731), Delaware (\$1,675), California (\$1,665), Illinois (\$1,618), Connecticut (\$1,591), and New Jersey (\$1,546).

Against this background of striking disparity, however, it is significant that over the past two decades there has been an appreciable narrowing of the relative differences in income levels among the States and regions. The chart shows clearly the convergence of regional differentials which has taken place since 1929.

The percentage by which per capita income exceeded the national average dropped in New England from 23 in 1929 to 5 in 1949, and in the Middle East from 36 to 18. The margin of per capita incomes in the Far West above the national average also was reduced appreciably, from 27 to 21 percent.

On the other hand, the three regions with relatively low average-income levels have considerably improved their per capita incomes in relation to the national average over the period 1929-49. In the Southeast, average income rose from 51 to 66 percent of that for the country as a whole. The Southwest raised its per capita income from 68 percent of the national average in 1929 to 88 percent of it in 1949, and

the per capita income of the Northwest improved from a point 21 percent below the national average in 1929 to a point only 4 percent below it in 1949.

In both 1929 and 1949 the per capita income of the large Central region was 6 percent above the United States average.

There was some tendency for the relative differences in State and regional per capita incomes to narrow in the prewar period. But, as shown by the data in table 4, most of the reduction in geographic inequality in the past two decades has occurred in the period since 1940.

On a State basis, the lessening of relative differences in average income levels is evident to a striking degree. Of the 33 States that in 1929 had per capita incomes below the national average, 30 scored relative advances from 1929 to 1949 exceeding that for the country as a whole. Conversely, of the 16 States that in 1929 had per capita incomes higher than the national average, 12 registered gains in the past two decades falling short of the Nation-wide average.

The net effect of these counter-movements was that from 1929 to 1949 the over-all per capita income of the 33 low-income States advanced from approximately one-half to two-thirds of the comparable average for the high-income States. The 137 percent expansion of per capita income in

Table 8.—Per Capita Income Payments, by States and Regions

[Dollars]

State and region	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Continental United States	680	596	590	380	368	420	460	531	561	509	539	575	693	876	1,059	1,161	1,192	1,212	1,294	1,387	1,330
New England	838	768	684	542	514	561	602	678	704	640	680	727	872	1,059	1,232	1,299	1,309	1,312	13,71	1,456	1,395
Connecticut.....	918	830	725	558	540	605	659	758	808	710	764	830	1,069	1,312	1,496	1,538	1,495	1,468	1,594	1,680	1,591
Maine.....	566	540	473	367	364	394	428	480	490	450	474	499	575	777	1,021	1,040	1,040	1,043	1,096	1,162	1,087
Massachusetts.....	897	825	738	594	553	597	634	713	737	677	719	768	888	1,050	1,217	1,297	1,332	1,345	1,376	1,468	1,417
New Hampshire.....	652	599	551	422	420	478	502	544	562	531	548	563	670	803	948	1,048	1,093	1,115	1,151	1,254	1,195
Rhode Island.....	851	767	695	562	533	573	626	691	714	639	678	719	917	1,143	1,246	1,322	1,288	1,282	1,373	1,435	1,403
Vermont.....	601	542	476	369	351	397	439	501	493	454	483	519	620	738	884	956	1,018	1,048	1,092	1,153	1,075
Middle East	926	841	717	552	526	586	623	711	740	674	709	752	872	1,041	1,241	1,362	1,412	1,433	1,502	1,608	1,565
Delaware.....	919	762	687	522	513	586	634	750	795	682	771	888	1,007	1,184	1,367	1,409	1,400	1,450	1,523	1,618	1,675
District of Columbia.....	1,191	1,179	1,088	926	806	876	955	1,124	1,107	1,044	1,031	1,091	1,076	1,194	1,270	1,283	1,373	1,557	1,623	1,713	1,820
Maryland.....	703	651	577	460	441	493	523	597	635	594	634	710	845	1,087	1,297	1,348	1,340	1,316	1,392	1,485	1,401
New Jersey.....	947	869	751	586	535	589	630	712	750	699	746	805	924	1,130	1,336	1,439	1,451	1,448	1,524	1,594	1,546
New York.....	1,125	1,023	871	671	644	705	743	837	861	791	825	864	992	1,158	1,376	1,434	1,614	1,622	1,676	1,803	1,758
Pennsylvania.....	767	688	576	429	414	474	510	594	629	553	589	627	752	909	1,101	1,208	1,237	1,277	1,352	1,454	1,416
West Virginia.....	464	393	336	261	265	326	342	402	417	369	378	397	473	581	703	799	878	884	954	1,085	998
Southeast	344	279	235	191	195	239	260	301	310	287	303	322	403	537	674	767	811	806	863	923	882
Alabama.....	305	252	191	155	154	197	213	253	256	233	242	270	365	504	633	706	745	718	787	834	773
Arkansas.....	305	211	177	153	152	180	204	246	249	236	246	270	338	476	542	639	702	730	745	863	778
Florida.....	484	431	363	287	272	325	360	423	445	418	442	470	521	684	899	1,015	1,062	1,085	1,103	1,129	1,102
Georgia.....	329	274	227	189	200	245	264	298	301	280	290	317	387	510	673	762	805	794	873	919	876
Kentucky.....	371	303	256	198	199	234	260	307	325	283	297	308	371	482	621	701	769	772	830	910	865
Louisiana.....	415	344	299	230	222	269	286	330	346	341	354	358	432	565	741	822	837	790	864	961	1,002
Mississippi.....	273	191	143	125	123	162	177	218	207	185	201	203	278	392	479	572	596	589	676	753	634
North Carolina.....	369	255	214	176	205	253	270	294	312	289	308	316	392	513	619	709	759	796	857	887	854
South Carolina.....	252	209	178	147	167	209	222	254	262	241	261	288	358	478	589	671	699	735	768	844	787
Tennessee.....	349	283	234	185	190	241	260	302	311	280	295	316	410	521	674	808	876	827	869	906	873
Virginia.....	422	367	326	276	266	316	347	393	405	380	402	445	567	753	880	960	974	958	1,025	1,088	1,039
Southwest	464	376	303	237	247	279	309	357	397	371	386	399	486	666	833	956	946	1,058	1,112	1,166	1,166
Arizona.....	573	475	382	271	263	322	355	425	482	436	466	498	537	748	839	985	1,063	1,059	1,121	1,179	1,165
New Mexico.....	383	322	265	192	196	240	272	330	353	322	341	354	410	552	691	797	851	947	995	1,033	1,033
Oklahoma.....	455	352	275	212	226	246	281	319	358	327	340	357	462	645	728	906	862	852	958	1,035	1,068
Texas.....	465	383	312	248	257	292	319	369	409	387	401	413	495	674	877	971	985	973	1,107	1,137	1,205
Central	720	612	503	369	355	411	469	546	589	521	565	605	748	939	1,132	1,217	1,249	1,275	1,358	1,508	1,414
Illinois.....	932	772	626	456	441	488	543	630	691	616	671	727	871	1,042	1,226	1,341	1,417	1,463	1,527	1,722	1,618
Indiana.....	583	491	405	296	296	351	392	468	508	449	495	541	706	897	1,092	1,177	1,217	1,167	1,264	1,389	1,290
Iowa.....	546	504	388	248	258	242	357	391	434	423	468	485	611	827	1,019	1,017	1,067	1,202	1,158	1,567	1,292
Michigan.....	745	608	503	382	348	455	524	606	659	535	591	649	799	1,032	1,276	1,338	1,273	1,274	1,410	1,493	1,443
Minnesota.....	566	515	433	320	307	346	403	473	500	474	497	509	587	764	896	972	1,062	1,133	1,205	1,310	1,227
Missouri.....	612	546	461	349	337	373	413	473	488	455	486	504	619	733	910	1,026	1,085	1,141	1,179	1,339	1,286
Ohio.....	748	628	532	388	386	453	507	598	646	554	603	644	816	1,015	1,234	1,292	1,297	1,296	1,401	1,534	1,436
Wisconsin.....	634	539	435	325	312	357	413	484	510	466	485	516	654	847	1,007	1,131	1,189	1,203	1,299	1,400	1,329
Northwest	534	487	384	262	265	304	354	409	438	402	418	453	559	837	982	1,088	1,141	1,154	1,336	1,412	1,273
Colorado.....	616	558	455	342	336	376	412	463	532	475	505	518	602	892	963	1,025	1,172	1,185	1,420	1,459	1,386
Idaho.....	518	455	336	241	242	304	338	406	444	406	411	439	539	823	935	1,025	1,107	1,185	1,303	1,283	1,221
Kansas.....	532	498	402	267	258	298	337	395	430	382	383	421	546	839	1,025	1,129	1,111	1,075	1,268	1,270	1,210
Montana.....	602	490	393	290	290	387	455	514	541	488	515	573	670	889	1,075	1,208	1,270	1,349	1,578	1,696	1,390
Nebraska.....	557	544	421	251	275	279	353	399	412	384	397	433	514	844	977	1,110	1,142	1,167	1,231	1,468	1,294
North Dakota.....	389	329	236	181	190	205	269	300	323	302	325	371	536	742	938	1,079	1,120	1,130	1,588	1,528	1,202
South Dakota.....	417	382	289	171	172	232	273	294	306	318	351	379	491	823	890	1,050	1,156	1,203	1,315	1,592	1,174
Utah.....	537	470	379	276	275	3															

Table 9.—State Income Payments, by Type of Payment, 1942-49¹

[Millions of dollars]

State	1942	1943	1944	1945	1946	1947	1948	1949	State	1942	1943	1944	1945	1946	1947	1948	1949
United States, total	117,196	141,831	153,306	157,190	170,962	185,339	202,385	197,531	Maine, total ²	680	872	881	867	921	984	1,058	1,004
Wages and salaries	77,945	96,394	101,548	99,158	105,190	118,715	131,087	130,822	Wages and salaries	483	610	604	550	564	630	684	651
Proprietors' income	22,162	25,939	28,091	30,034	35,594	35,391	38,796	32,319	Proprietors' income	107	155	142	155	176	179	198	163
Property income	12,898	13,697	14,390	15,125	17,456	19,199	21,043	21,873	Property income	67	74	80	86	102	102	112	117
Other income	4,191	5,801	9,277	12,873	12,722	12,034	11,459	12,517	Other income	23	33	55	76	79	73	64	73
Alabama, total	1,437	1,812	1,980	2,056	2,093	2,300	2,486	2,313	Maryland, total ²	2,033	2,449	2,577	2,539	2,723	2,851	3,069	3,081
Wages and salaries	963	1,179	1,216	1,177	1,146	1,320	1,464	1,416	Wages and salaries	1,481	1,802	1,829	1,704	1,751	1,912	2,098	2,116
Proprietors' income	333	427	465	493	567	611	653	515	Proprietors' income	275	320	371	396	489	460	477	430
Property income	93	106	115	124	143	154	168	167	Property income	228	237	246	254	289	328	360	375
Other income	48	100	184	262	237	215	198	215	Other income	49	80	131	185	194	151	134	160
Arizona, total	449	601	591	604	644	725	835	839	Massachusetts, total	4,520	5,136	5,438	5,606	6,186	6,455	6,904	6,892
Wages and salaries	287	410	380	368	370	430	487	486	Wages and salaries	3,279	3,798	3,927	3,898	4,172	4,541	4,944	4,889
Proprietors' income	107	125	122	129	162	175	218	212	Proprietors' income	468	510	550	597	695	640	657	584
Property income	35	40	45	47	59	64	75	79	Property income	591	602	623	638	723	784	856	896
Other income	20	26	44	60	53	56	55	62	Other income	182	226	338	473	596	490	447	523
Arkansas, total	908	1,005	1,161	1,248	1,353	1,373	1,593	1,443	Michigan, total	5,526	6,924	7,259	6,902	7,495	8,550	9,155	9,013
Wages and salaries	456	513	534	571	545	624	707	721	Wages and salaries	4,163	5,400	5,448	4,788	5,111	6,025	6,696	6,648
Proprietors' income	352	351	421	419	528	512	652	479	Proprietors' income	737	820	971	947	1,021	1,199	1,242	1,054
Property income	60	66	74	80	98	89	98	98	Property income	445	490	528	550	563	726	800	836
Other income	40	75	132	178	162	148	138	145	Other income	181	207	336	533	532	632	417	475
California, total	9,348	12,444	13,739	13,882	15,180	16,043	17,003	17,005	Minnesota, total	2,060	2,316	2,456	2,699	3,153	3,421	3,875	3,603
Wages and salaries	6,282	8,575	9,204	8,919	9,353	10,238	11,011	11,061	Wages and salaries	1,090	1,266	1,361	1,419	1,604	1,870	2,084	2,120
Proprietors' income	1,564	2,190	2,568	2,707	3,267	3,011	3,010	2,654	Proprietors' income	679	727	698	806	1,066	1,012	1,237	885
Property income	1,168	1,250	1,329	1,391	1,623	1,798	2,029	2,114	Property income	194	211	229	248	292	319	347	360
Other income	334	429	638	865	937	1,006	962	1,176	Other income	97	112	168	226	251	220	207	238
Colorado, total	990	1,144	1,157	1,274	1,380	1,626	1,729	1,703	Mississippi, total	886	1,105	1,221	1,224	1,201	1,374	1,531	1,317
Wages and salaries	582	679	692	702	772	879	985	1,014	Wages and salaries	440	588	592	518	531	580	624	638
Proprietors' income	233	299	265	315	336	447	425	358	Proprietors' income	351	381	454	444	435	562	682	451
Property income	122	130	135	139	159	172	191	167	Property income	59	63	68	70	76	83	96	88
Other income	53	66	95	118	113	128	128	134	Other income	36	73	137	192	159	146	120	140
Connecticut, total	2,334	2,639	2,697	2,604	2,808	3,129	3,301	3,213	Missouri, total	2,942	3,391	3,662	3,831	4,371	4,587	5,213	5,052
Wages and salaries	1,743	1,987	1,966	1,796	1,912	2,186	2,351	2,229	Wages and salaries	2,315	2,138	2,247	2,300	2,483	2,808	3,116	3,190
Proprietors' income	192	227	255	271	329	322	332	304	Proprietors' income	716	770	813	824	1,199	969	1,272	1,000
Property income	352	355	361	362	406	435	479	504	Property income	299	317	335	348	403	469	514	529
Other income	47	70	115	175	161	186	139	176	Other income	112	166	267	359	373	341	311	333
Delaware, total	328	384	403	399	432	469	513	541	Montana, total	472	531	558	579	669	797	897	787
Wages and salaries	208	255	267	251	269	315	345	367	Wages and salaries	239	265	272	274	316	372	422	419
Proprietors' income	48	53	53	59	66	58	65	58	Proprietors' income	176	204	210	213	253	319	365	221
Property income	66	66	66	65	72	76	86	90	Property income	36	40	43	47	56	64	71	75
Other income	6	10	17	24	25	20	17	26	Other income	21	22	33	45	44	42	39	42
Dist. of Columbia, total ²	1,260	1,453	1,518	1,617	1,727	1,743	1,825	1,919	Nebraska, total	1,047	1,220	1,343	1,370	1,473	1,554	1,848	1,633
Wages and salaries	996	1,174	1,195	1,255	1,309	1,332	1,403	1,494	Wages and salaries	460	593	653	645	641	723	810	814
Proprietors' income	97	93	99	107	122	116	120	113	Proprietors' income	458	476	506	509	602	586	794	574
Property income	131	139	146	152	171	182	199	205	Property income	94	105	112	119	142	150	170	170
Other income	36	50	78	103	125	113	100	107	Other income	35	46	72	97	93	86	74	75
Florida, total	1,469	2,148	2,433	2,521	2,554	2,649	2,817	2,948	Nevada, total	206	215	213	215	259	255	279	277
Wages and salaries	972	1,455	1,593	1,533	1,448	1,539	1,718	1,761	Wages and salaries	146	146	140	133	144	152	163	162
Proprietors' income	254	393	446	515	590	495	508	559	Proprietors' income	43	42	42	45	53	56	61	55
Property income	180	208	236	263	324	345	392	415	Property income	18	21	22	24	30	35	44	48
Other income	63	92	155	210	192	210	199	213	Other income	5	6	9	13	12	11	11	12
Georgia, total	1,648	2,176	2,426	2,484	2,597	2,817	2,990	2,928	New Hampshire, total ²	355	388	427	467	546	596	634	621
Wages and salaries	1,093	1,440	1,555	1,477	1,519	1,676	1,876	1,902	Wages and salaries	243	255	274	290	348	394	432	414
Proprietors' income	367	472	503	556	626	681	660	553	Proprietors' income	49	61	66	73	87	89	88	79
Property income	128	148	164	170	218	235	254	256	Property income	49	52	55	58	68	71	76	81
Other income	60	116	204	282	234	225	200	217	Other income	14	20	32	46	43	42	38	47
Idaho, total	423	487	537	540	608	671	735	707	New Jersey, total ²	4,572	5,420	5,838	5,797	6,188	6,545	7,038	7,018
Wages and salaries	224	290	282	264	294	343	379	397	Wages and salaries	3,467	4,182	4,403	4,162	4,317	4,730	5,143	5,115
Proprietors' income	154	176	188	196	229	258	261	212	Proprietors' income	512	574	642	690	848	781	839	762
Property income	30	33	37	39	45	50	57	58	Property income	450	468	485	500	570	647	722	730
Other income	15	18	30	41	40	40	38	40	Other income	143	196	308	445	453	380	331	381
Illinois, total	8,267	9,476	10,297	10,849	12,160	13,305	15,002	14,107	New Mexico, total	309	380	425	456	490	558	614	665
Wages and salaries	5,525	6,526	7,136	7,125	7,918	9,046	10,003	9,786	Wages and salaries	173	235	254	261	272	311	361	401
Proprietors' income	1,449	1,516	1,587	1,800	2,172	1,996	2,574	1,990	Proprietors' income	84	93	102	110	129	155	158	165
Property income	992	1,061	1,011	1,153	1,334	1,513	1,625	1,667	Property income	28	31	33	36	42	47	52	55
Other income	301	373	563	770	736	709	694	624	Other income	15	21	36	49	47	45	42	44
Indiana, total	3,112	3,766	3,959	4,113	4,327	4,784	5,387	5,097	New York, total ²	15,340	17,762	19,506	20,647	23,096	24,513	26,633	26,340
Wages and salaries	2,060	2,572	2,675	2,547	2,627	3,110	3,498	3,456	Wages and salaries	10,329	12,300	13,286	13,69				

Table 9.—State Income Payments, by Type of Payment, 1942-49¹—Continued

State	[Millions of dollars]								
	1942	1943	1944	1945	1946	1947	1948	1949	
Oregon, total.....	1,201	1,599	1,672	1,671	1,777	1,999	2,143	2,095	
Wages and salaries.....	821	1,109	1,121	1,032	1,069	1,279	1,388	1,386	
Proprietors' income.....	257	339	358	404	444	441	465	387	
Property income.....	86	97	108	120	143	161	182	195	
Other income.....	37	54	85	115	121	118	108	127	
Pennsylvania, total.....	8,822	10,377	11,208	11,469	12,593	13,701	14,797	14,468	
Wages and salaries.....	6,422	7,501	7,870	7,715	8,278	9,537	10,510	10,214	
Proprietors' income.....	1,045	1,374	1,543	1,655	2,006	1,881	1,975	1,725	
Property income.....	1,052	1,089	1,131	1,164	1,310	1,429	1,558	1,627	
Other income.....	303	413	664	935	1,005	854	754	902	
Rhode Island, total.....	822	923	961	952	999	1,083	1,145	1,117	
Wages and salaries.....	612	700	704	667	683	744	812	772	
Proprietors' income.....	81	83	94	97	110	102	105	91	
Property income.....	102	104	107	108	121	133	146	151	
Other income.....	27	36	56	80	85	104	82	103	
South Carolina, total.....	956	1,153	1,291	1,319	1,420	1,508	1,681	1,584	
Wages and salaries.....	699	793	817	794	833	942	1,094	1,066	
Proprietors' income.....	191	226	277	278	364	333	354	269	
Property income.....	60	68	77	83	100	106	115	116	
Other income.....	36	66	120	164	123	127	118	133	
South Dakota, total.....	480	478	572	624	676	769	939	734	
Wages and salaries.....	162	191	199	213	224	265	318	327	
Proprietors' income.....	272	236	307	330	363	414	533	304	
Property income.....	30	32	36	40	48	54	58	58	
Other income.....	16	19	30	41	41	36	30	45	
Tennessee, total.....	1,530	2,003	2,329	2,495	2,544	2,742	2,946	2,858	
Wages and salaries.....	947	1,262	1,397	1,428	1,428	1,616	1,782	1,775	
Proprietors' income.....	375	469	567	617	651	656	697	586	
Property income.....	145	157	165	173	201	225	244	250	
Other income.....	63	115	200	277	256	245	223	247	
Texas, total.....	4,524	6,121	6,645	6,676	7,065	8,113	8,716	9,265	
Wages and salaries.....	2,755	3,863	4,078	3,944	3,988	4,501	5,200	5,442	
Proprietors' income.....	1,166	1,474	1,543	1,485	1,769	2,240	2,130	2,373	
Property income.....	436	499	547	585	702	786	856	901	
Other income.....	167	285	477	662	606	586	530	549	
Utah, total.....	524	693	644	658	694	759	816	825	
Wages and salaries.....	352	467	417	412	419	468	521	539	
Proprietors' income.....	119	163	145	146	162	180	181	166	
Property income.....	33	37	40	44	51	55	61	64	
Other income.....	20	26	42	56	62	56	53	56	
Vermont, total.....	254	290	303	332	371	403	421	400	
Wages and salaries.....	155	175	180	184	213	242	262	255	
Proprietors' income.....	56	67	67	81	90	93	90	69	
Property income.....	35	36	37	38	41	42	45	48	
Other income.....	8	12	19	29	27	26	24	28	
Virginia, total ²	2,133	2,457	2,646	2,679	2,834	2,980	3,244	3,221	
Wages and salaries.....	1,555	1,774	1,804	1,746	1,806	1,972	2,183	2,234	
Proprietors' income.....	353	400	472	489	582	564	617	516	
Property income.....	174	187	201	212	247	262	286	297	
Other income.....	51	96	169	232	199	182	158	174	
Washington, total.....	2,218	2,922	3,240	3,695	3,139	3,307	3,545	3,529	
Wages and salaries.....	1,544	2,097	2,268	2,058	1,934	2,090	2,317	2,353	
Proprietors' income.....	417	527	612	608	697	691	688	579	
Property income.....	178	197	214	229	266	295	329	342	
Other income.....	79	101	146	200	242	231	211	255	
West Virginia, total.....	1,094	1,253	1,381	1,497	1,642	1,890	2,090	1,928	
Wages and salaries.....	796	900	965	999	1,092	1,340	1,531	1,391	
Proprietors' income.....	165	193	199	229	275	285	306	259	
Property income.....	78	84	90	94	110	126	138	144	
Other income.....	55	76	127	175	165	139	115	134	
Wisconsin, total.....	2,576	3,025	3,334	3,488	3,823	4,235	4,633	4,495	
Wages and salaries.....	1,592	1,902	2,089	2,053	2,216	2,609	2,942	2,925	
Proprietors' income.....	611	714	764	874	1,003	1,008	1,047	880	
Property income.....	285	302	320	335	384	411	454	474	
Other income.....	88	107	161	226	220	207	190	216	
Wyoming, total.....	216	248	272	289	330	374	415	419	
Wages and salaries.....	128	145	163	165	178	214	259	268	
Proprietors' income.....	65	76	75	81	108	113	105	99	
Property income.....	16	18	20	22	26	29	34	34	
Other income.....	7	9	14	21	18	18	17	18	

the low-income group, from \$457 to \$1,081, exceeded by a substantial margin the 74 percent rise in the high-income group. In the latter, the 1929-49 per capita increase was from \$897 to \$1,562. It will be observed that the absolute increase in this group was larger—though only moderately—than that recorded for the States with below-average per capita incomes.

Despite the relative narrowing of geographic variations in per capita income over the past two decades, these variations were so broad in 1929 that the general ranking of the States was not substantially changed by 1949. In 1929, eight of the States had substantially higher per capita incomes than the others. By 1949, seven were still in the top rank. And of the 13 States clustered at the lower end of the per capita income array in 1929, 11 (all Southern States) were among the 13 States receiving the lowest average incomes last year.

The District of Columbia and New York furnish interesting examples of the narrowing of relative differentials but comparative stability of rankings. In 1929 their per capita incomes were the highest in the Nation—75 and 65 percent, respectively, above the national average. From 1929 to 1949 the percentages by which per capita incomes in the District and New York exceeded the national average were cut approximately in half. Nevertheless, in 1949 the District of Columbia and New York again ranked first and second in size of per capita income.

There are two main differences between the long-term regional trends in per capita income and the regional trends in total income discussed in an earlier section. These relate to the Northwest and Far West. The Northwest—where total population increased 5 percent from 1929 to 1949, as compared with the national increase of 22 percent—experienced a substantially larger relative improvement in per capita income than in total income. (See table 6.) The Far West, where population expanded three-fourths from 1929 to 1949, scored the largest relative gain in total income of any region; but its increase in per capita income was less than the national average.

Technical Notes

1. *Scope of State income work.*—The work of the Office of Business Economics in the field of geographic income measurement is limited to the preparation of estimates of income payments to individuals by States. Largely because of the lack of requisite data, State estimates have not been prepared of national income or of gross national product. Regional estimates of disposable income were published for selected years in the August 1947 SURVEY OF CURRENT BUSINESS, but it has not been possible to develop reliable measures of disposable income by States because of several statistical incomparabilities between the State data on income payments and the available State data on taxes.

2. *Revision of State income payments.*—Latest detailed statistics of the national income, national product, and related series are available for the period 1929-41 from the special National Income Supplement to the July 1947 SURVEY OF CURRENT BUSINESS and for the years 1942-49 from the July 1950 issue of the SURVEY. (These publications are available from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C., or from any Department of Commerce Field Office. The price of the Supplement is 25 cents and that of the July 1950 SURVEY is 30 cents.) The estimates published in the National Income Supplement, as extended in the July 1950 SURVEY, represented a basic revision of the official national income and product statistics. As part of this revision a number of changes were made in the definition of income payments to individuals and the series was renamed "personal income."

Now in preparation is a complete revision of the estimates of State income payments back to 1929. This revised (really "new") State income series will conform with the conceptual and statistical changes introduced into the national estimates of personal income. No completion date has been set for this comprehensive project, progress on which has been slowed by the necessary diversion from time to time of regional income staff members to more current projects.

3. *Definition of State income payments.*—"Income payments to individuals" is a measure of the income received from all sources during the calendar year by the residents of each State. It comprises income received by individuals in the forms of (1) wages and salaries after deduction of employees' contributions to social security, railroad

¹ Comparable estimates for the years 1929, 1933, and 1939-41 were published in the August 1945 issue of the SURVEY OF CURRENT BUSINESS.

² The totals shown here and in table 7 for the States footnoted are not strictly measures of the income received by residents. The totals for the District of Columbia, New York, and Maine are too high—and those for Maryland, Virginia, New Jersey, and New Hampshire too low—in terms of measures of total income received by residents. The estimates shown here for the District of Columbia include income paid out to residents of Maryland and Virginia employed in the District, but they exclude the income of District residents employed in these two States. Estimates for New York include income paid to residents of New Jersey employed in New York, but do not include the income of New York residents employed in New Jersey. Similarly, estimates for Maine include income paid to residents of New Hampshire employed in Maine. In the computation of per capita income for these 7 States, the income totals shown here and in table 7 were first adjusted to a residence basis before division by population. Following are the amounts (in millions) of the adjustments for 1949: District of Columbia, -445; Maryland, +225; Virginia, +220; New York, -480; New Jersey +480; Maine, -16; New Hampshire, +16. (The adjustments for Maine and New Hampshire were of more sizable magnitude in the war period.) Because of lack of data which would permit a breakdown of the amounts of adjustment according to their type-of-payment and industrial sources, it has not yet been feasible to publish on a residence-adjusted basis the estimates of total income and its sources for these States.

retirement, cash sickness compensation, and government retirement programs; (2) proprietors' incomes, representing the net income of unincorporated establishments (including farms) before owners' withdrawals; (3) property income, consisting of dividends, interest, and net rents and royalties; and (4) "other" income, which includes public assistance and other direct relief; labor income items such as work relief, government retirement payments, veterans' pensions and benefits, workmen's compensation, social insurance benefits, and pay of military reservists; mustering-out payments to discharged servicemen; family allowance payments and voluntary allotments of pay to dependents of military personnel; enlisted men's cash terminal leave payments and redemptions of terminal leave bonds; and State government bonuses to veterans of World War II. Income payments are distributed among the States on a where received basis (with the exception of wages and salaries, as noted below). Only payments made to residents are included in the estimates for the continental United States and individual States.

4. *Per capita income*—Per capita income payments are derived by division of total income payments by total population excluding Federal civilian and military personnel stationed outside the continental United States. In seven instances, however, income (included in "total income payments to individuals," table 7) was transferred from the place of recipients' employment to place of residence before computation of per capita income. These are New York and New Jersey; the District of Columbia, Maryland, and Virginia; and Maine and New Hampshire. In this connection, it should be noted that the wage-and-salary component of total income payments is allocated by States on the basis of data reflecting State of employment, rather than of residence. For all States except the seven listed above, it is assumed that State of employment is identical with State of residence.

The data used in the derivation of per capita income are midyear estimates of the Bureau of the Census of the Department of Commerce for the years 1929-39. With the exception noted in the next paragraph, unofficial midyear estimates furnished by the Census Bureau, taking into account the 1950 Census of Population preliminary counts, were used for the years 1940-49. State population estimates for 1940-49 adjusted to the 1950 census final counts and based on a more refined methodology will not be prepared and released by the Bureau until next year.

For the years 1944-46, population totals used in deriving per capita income are the sum of the unofficial estimates of civilian population received from the Bureau of the Census and data on military personnel, as compiled from monthly or quarterly information, from the Departments of the Army and Navy.

5. *Regional classifications*.—The regional classifications used in the presentation of income payments by States are adapted from those proposed by Howard W. Odum in *Southern Regions of the United States* (University of North Carolina Press, Chapel Hill, 1936).

6. *Principal sources of data*.—Estimates of total income payments to individuals for each State are derived as the summation of a very large number of separately estimated components. The following statement, which necessarily omits considerable detail, affords a brief description of the principal sources of data used in the derivation of State estimates for each of the four broad types of income payments defined above. Uniform sources and methods are utilized for all States.

Wages and salaries, which for the Nation are two-thirds of all income, are among the types of income for which data are most complete and reliable. They are estimated by States in considerable industrial detail. For most industries they are derived from reports of the Bureau of the Census, the Bureau of Employment Security of the Department of Labor, and the Bureau of Old Age and Survivors Insurance of the Social Security Administration. In the preparation of estimates for 1939 and subsequent years, heavy reliance was placed on wage data compiled by the Bureau of Employment Security from tabulations by the State unemployment insurance agencies of reports received from all covered employers. For each State these tabulations include a summary of the total amount of wages (classified by detailed industry groups) actually paid out by establishments located in the State. The unemployment insurance wage data were supplemented by special tabulations of the Bureau of Old Age and Survivors Insurance furnishing data on wages in the very small-sized firms excluded from unemployment insurance coverage by the varying size-of-firm provisions of the State laws. These tabulations were compiled from wage data filed by employers under the old age and survivors insurance program, which includes all-sized establishments within "covered" employment. Supplementation of the unemployment insurance wage data by the old age and survivors insurance wage data yields a complete measure of wages and salaries paid out by all establishments in "covered" industries. On a Nation-wide basis, wages and salaries in covered industries in 1949 constituted three-fourths of all wages and salaries and one-half of all income payments to individuals.

State estimates of wages and salaries are prepared for each of the several industries, or types of employment, not covered by Social Security laws. These include agriculture; Federal, State, and local government agencies; railroads; domestic service; and nonprofit

religious, charitable, scientific, and educational agencies. Data used in the formulation of estimates for these categories are obtained, for the most part, from Federal agencies. For example, estimates of wages paid to hired farm laborers are secured from the Bureau of Agricultural Economics of the Department of Agriculture. Estimates of wages in the railroad industry were derived from data obtained from the Bureau of Employment Security (unemployment insurance data for 1938), the Interstate Commerce Commission, and the Association of American Railroads. Wage-and-salary payments by governmental agencies are based on data supplied by the Civil Service Commission, Bureau of Labor Statistics of the Department of Labor, Bureau of the Census, Office of Education of the Federal Security Agency, and the Departments of the Army, Navy, and Air Force.

Estimates of government wages and salaries are made separately for the executive, judicial, legislative, and military branches of the Federal Government, and for the school and nonschool groups of employees of State and local governments. Pay of the armed forces, net of their contributions to allowances and allotments going to their dependents, is allocated by States in terms of their State of duty. This allocation is made separately for each of the four military services and is based on monthly or quarterly data by States on numbers of officers and of enlisted personnel stationed in each State and on average rates of pay for the two groups of personnel.

Proprietors' income may be divided for purposes of this discussion into net income of farm operators and net income of nonfarm proprietors. State estimates of the net income of farm operators are derived by deducting from farmers' gross income during the calendar year their total expenses of production. Gross income includes cash income from marketings of crops and livestock, Government payments, the value of products consumed on the farm, and the value (positive or negative) of the change in inventories of crops and livestock. The total of production expenses is a summation of 34 separately estimated items. Data on which the income and expenditures estimates are based are those of the Bureau of Agricultural Economics. The value of change in inventories, it should be noted, is included in farm proprietors' net income because a measure of current income, not net receipts, is desired. Also to be noted is that products consumed on farms are valued at farm prices. For some purposes, particularly those related to "welfare" comparisons, valuation at retail prices might be preferable.

The total net income of proprietors in nonagricultural industries is estimated by States for each major industry division. The general procedure is to prepare State distributions, or allocations, of national totals of nonfarm proprietors' income separately for each industry. The distributions are based mainly, for "benchmark" years (1939 or 1940), on reports of the Bureau of the Census, including reports of both the industrial and population censuses. The data useful for estimation furnished in these reports relate to such items as number of proprietors, sales, withdrawals, value added, payrolls, and employment. Pending the availability of more complete information from Census enumerations, year-to-year alterations of the State distributions derived for the census years 1939 and 1940 were based for each industry on a relevant measure such as volume of sales or wage-and-salary payments. However, limited use was made of preliminary results of the 1948 Census of Business in preparing the estimates for 1946-49 included in the present report.

National estimates of dividends, interest, and net rents and royalties are distributed by States largely on the basis of tabulations by the Bureau of Internal Revenue of the amounts of these items reported by individuals on Federal income-tax returns. There are, however, several important exceptions to this general procedure. Estimated as separate components are Federal interest payments to individuals (for recent years from State data on Series E individuals' bond holdings, furnished by the Treasury Department) and the imputed interest paid to individuals by financial intermediaries (based for life insurance companies on life insurance-in-force statistics published in the *Spectator Insurance Yearbook*, and for banks on banking payrolls). Agricultural net rents received by farmer landlords are also estimated as a separate component, from data furnished by the Bureau of Agricultural Economics.

For most of the numerous individual components of the category of "other" income payments, State and national data represent actual disbursements, as reported by Federal agencies. Types of income for which data on disbursements by States are available from official reports include public assistance and other relief, retirement and unemployment insurance benefits under the Social Security and Railroad Retirement and Railroad Unemployment Insurance programs, benefit payments from State cash sickness compensation funds, and veterans' pensions and benefits. For two other items of this category—workmen's compensation and retirement payments by State and local governments—estimates are supplied by the Social Security Administration as a product of its studies of social insurance and related payments. Data on State bonus payments to veterans of World War II were furnished by the individual State governments. State data on veterans' redemptions of terminal-leave bonds were obtained from the Treasury Department.

The Departments of the Army, Navy, and Air Force report dis-

bursements for the country as a whole for mustering-out payments, military allowances, and enlisted men's cash terminal-leave payments. Additionally, they supply requisite data for estimating the amounts of these disbursements received by residents of the various States. Such data include a tabulation by the War Department of the actual

amount of family allowance payments received in each State during June 1944 and annual information on military separations by State of residence. In addition, the Office of Selective Service Records made available special tabulations of the number of military personnel according to State of residence.

New or Revised STATISTICAL SERIES

Manufactured Dairy Products: Revisions for Page S-27¹

[Thousands of pounds]

Month	Production (factory)											Stocks				
	Butter		Cheese					Condensed milk (sweetened)				Evapo- rated milk (unsweet- ened)	Dry milk			
			Total		American (whole milk)			Bulk goods		Case goods			Dry whole milk	Nonfat dry milk solids (human food)		
	1947	1948	1946	1947	1948	1947	1948	1947	1948	1948	1948	1948		1946	1947	1948
January.....	98,237	80,055	62,882	74,291	63,592	55,217	44,814	37,766	13,831	9,613	176,981	12,071	38,053	47,070	15,080	
February.....	94,568	77,895	63,418	78,316	65,042	59,790	46,822	40,915	13,000	9,501	193,800	12,174	40,118	62,514	18,482	
March.....	111,724	90,154	80,071	100,230	80,076	76,369	57,991	61,928	17,125	10,858	271,340	12,433	55,683	80,698	32,453	
April.....	117,203	100,810	98,095	114,131	93,744	90,610	71,821	90,125	26,538	13,804	332,363	14,897	69,196	77,306	39,560	
May.....	148,318	133,101	127,243	140,588	129,359	115,463	103,548	114,626	49,012	12,942	447,501	20,348	95,089	161,532	62,948	
June.....	156,345	134,372	131,345	148,142	131,459	123,026	106,902	111,351	47,571	11,718	440,864	19,827	94,890	111,155	80,513	
July.....	148,007	125,144	117,793	133,268	114,219	111,021	95,132	70,899	36,432	10,605	380,308	19,345	69,502	91,604	90,742	
August.....	116,553	115,878	105,957	103,964	108,047	84,648	88,712	30,573	28,661	11,819	349,280	17,175	52,977	74,689	97,976	
September.....	100,238	95,581	92,845	87,746	88,999	69,685	71,077	21,504	18,668	9,688	273,973	12,929	39,892	48,943	85,446	
October.....	91,717	91,858	85,379	80,897	81,203	61,929	61,914	16,868	13,300	8,329	221,710	11,773	38,779	34,872	73,114	
November.....	69,622	80,306	71,682	60,898	67,072	43,315	48,833	13,673	11,085	7,847	151,414	7,962	37,173	20,537	51,057	
December.....	76,562	84,888	69,637	60,445	71,613	41,615	52,142	14,138	11,767	9,933	143,359	9,153	50,180	14,871	44,375	
Total.....	1,329,094	1,210,042	1,106,347	1,182,946	1,094,425	932,718	850,708	624,366	286,990	126,657	3,382,893	170,087	681,532			
Monthly average.....	110,758	100,837	92,196	98,579	91,202	77,727	70,892	52,031	23,916	10,555	281,908	14,174	56,794	63,766	57,646	

¹ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data represent final revisions.

Wholesale Price of Kerosene, New York Harbor, Bulk Lots: Revised Series for Page S-35¹

[Dollars per gallon]

Month	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
January.....	0.062	0.052	0.056	0.061	0.048	0.056	0.054	0.053	0.068	0.071	0.071	0.061	0.070	0.100
February.....	.061	.052	.057	.060	.047	.056	.049	.053	.068	.071	.071	.061	.068	.103
March.....	.056	.050	.053	.057	.045	.057	.046	.054	.069	.071	.071	.061	.072	.103
April.....	.052	.048	.053	.055	.043	.059	.049	.057	.071	.071	.071	.061	.078	.103
May.....	.051	.046	.054	.051	.044	.058	.052	.057	.071	.071	.071	.061	.078	.103
June.....	.050	.046	.058	.049	.043	.054	.052	.059	.071	.071	.071	.061	.078	.103
July.....	.050	.045	.063	.046	.042	.051	.052	.077	.071	.071	.071	.061	.078	.103
August.....	.050	.044	.063	.048	.042	.050	.052	.069	.071	.071	.071	.067	.078	.103
September.....	.048	.042	.063	.048	.046	.048	.053	.068	.071	.071	.056	.067	.078	.103
October.....	.048	.045	.063	.048	.050	.048	.053	.068	.071	.071	.056	.067	.078	.103
November.....	.050	.046	.062	.046	.051	.051	.053	.068	.071	.071	.056	.067	.085	.103
December.....	.052	.050	.062	.048	.053	.054	.053	.068	.071	.071	.058	.070	.088	.103
Monthly average.....	.052	.047	.059	.051	.046	.054	.052	.062	.070	.071	.066	.064	.078	.103

¹ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. The series for kerosene, New York Harbor, No. 1 fuel, bulk lots, f. o. b. refineries or terminals, excluding all fees and taxes, has been substituted for the prices for kerosene, water white, Pennsylvania, formerly shown. For data beginning 1949, see p. S-35 of the April 1950 SURVEY and subsequent issues.

Monthly BUSINESS STATISTICS



THE DATA here are a continuation of the statistics published in the 1949 Statistical Supplement to the SURVEY OF CURRENT BUSINESS. That volume (price \$1.25) contains monthly data for the years 1945 to 1948, and monthly averages for earlier years back to 1935 insofar as available; it also provides a description of each series and references to sources of monthly figures prior to 1945. Series added or revised since publication of the 1949 Supplement are indicated by an asterisk (*) and a dagger (†), respectively, the accompanying footnote indicating where historical data and a descriptive note may be found. The terms "unadjusted" and "adjusted" used to designate index numbers and dollar values refer to adjustment of monthly figures for seasonal variation.

Monthly averages for 1949 are shown in the March 1950 issue of the Survey of Current Business. Data subsequent to June 1950 for selected series will be found in the Weekly Supplement to the Survey.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949						1950						
	June	July	August	September	October	November	December	January	February	March	April	May	June
GENERAL BUSINESS INDICATORS													
NATIONAL INCOME AND PRODUCT †													
Seasonally adjusted quarterly totals at annual rates:													
National income, total..... bil. of dol.	217.8			216.7			214.2			217.2			
Compensation of employees, total..... do	140.5			140.0			140.2			142.3			147.6
Wages and salaries, total..... do	134.2			133.6			133.6			135.2			140.2
Private..... do	114.0			113.0			112.7			114.3			119.2
Military..... do	4.2			4.3			4.6			4.5			4.5
Government civilian..... do	16.1			16.3			16.4			16.4			16.5
Supplements to wages and salaries..... do	6.3			6.4			6.6			7.1			7.4
Proprietors' and rental income, total ‡..... do	42.2			40.1			40.7			41.5			41.3
Business and professional..... do	21.1			20.7			20.6			21.4			22.3
Farm..... do	13.7			12.2			12.8			12.8			11.8
Rental income of persons..... do	7.4			7.2			7.3			7.3			7.2
Corporate profits and inventory valuation adjustment, total..... bil. of dol.	30.4			31.8			28.4			28.4			
Corporate profits before tax, total..... do	26.4			28.2			27.6			29.2			
Corporate profits tax liability..... do	10.0			10.8			10.6			11.4			
Corporate profits after tax..... do	16.4			17.3			16.9			17.8			
Inventory valuation adjustment..... do	3.9			3.7			.8			-.7			-2.3
Net interest..... do	4.7			4.8			4.8			5.0			5.0
Gross national product, total..... do	255.2			254.4			253.8			262.5			269.9
Personal consumption expenditures, total..... do	178.4			179.0			180.6			182.4			184.5
Durable goods..... do	23.0			24.7			25.3			26.9			26.7
Nondurable goods..... do	99.2			97.6			97.9			97.5			99.0
Services..... do	56.2			56.6			57.4			58.0			58.8
Gross private domestic investment..... do	31.3			32.1			31.2			40.5			45.9
New construction..... do	16.8			16.9			18.2			19.9			20.9
Producers' durable equipment..... do	19.8			19.4			18.7			19.3			21.6
Change in business inventories..... do	-5.3			-4.2			-5.7			1.3			3.4
Net foreign investment..... do	1.3			.1			-.7			-1.9			-2.0
Government purchases of goods and services, total..... bil. of dol.	44.3			43.2			42.8			41.4			41.4
Federal (less Government sales)..... do	26.6			25.1			24.3			22.6			22.6
State and local..... do	17.7			18.2			18.5			18.9			18.8
Personal income, total..... do	206.8			203.8			205.4			216.4			214.7
Less: Personal tax and nontax payments..... do	18.7			18.7			18.7			18.7			19.2
Equals: Disposable personal income..... do	188.2			185.1			186.8			197.7			195.5
Personal savings..... do	9.8			6.2			6.2			15.3			11.0
PERSONAL INCOME, BY SOURCE †													
Seasonally adjusted, at annual rates:													
Total personal income..... bil. of dol.	205.9	* 203.5	* 204.3	203.4	202.4	205.7	208.4	214.6	215.4	219.3	213.8	* 214.5	215.8
Wage and salary receipts, total..... do	131.6	131.4	131.3	131.6	130.3	131.3	132.9	132.2	131.5	133.6	135.3	* 137.7	138.9
Employer disbursements, total..... do	133.9	133.5	133.5	133.8	132.5	133.4	135.1	135.0	134.2	136.4	138.1	* 140.5	141.8
Commodity-producing industries..... do	56.4	56.0	56.3	56.4	54.8	55.5	57.0	56.7	55.8	57.7	59.1	* 60.9	62.3
Distributive industries..... do	39.6	39.4	39.4	39.4	39.0	39.0	39.3	39.5	39.3	39.6	39.7	* 40.1	40.1
Service industries..... do	17.5	17.4	17.3	17.4	17.8	17.8	17.8	17.9	18.1	18.1	18.2	* 18.5	18.5
Government..... do	20.4	20.7	20.5	20.6	20.9	21.1	21.0	20.9	21.0	21.0	21.1	* 21.0	20.9
Less employee contributions for social insurance..... bil. of dol.	2.3	2.1	2.2	2.2	2.2	2.1	2.2	2.8	2.7	2.8	2.8	2.8	2.9
Other labor income..... do	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.0	3.0	3.3	3.3	3.4	3.4
Proprietors' and rental income..... do	42.2	40.2	40.7	39.2	39.8	41.7	40.6	43.5	41.0	40.2	39.8	41.5	42.7
Personal interest income and dividends..... do	16.8	16.6	16.8	17.0	17.2	17.2	18.9	17.5	17.7	18.0	18.2	* 17.8	17.4
Total transfer payments..... do	12.4	12.4	12.6	12.6	12.1	12.4	12.9	18.4	22.2	24.2	17.2	14.1	13.4
Total nonagricultural income..... do	187.4	186.8	187.3	187.8	186.0	187.6	191.1	195.2	199.0	203.7	198.7	* 198.4	199.1
NEW PLANT AND EQUIPMENT EXPENDITURES													
All industries, quarterly total..... mil. of dol.													
Manufacturing..... do	4,660			4,370			4,630			3,700			4,530
Mining..... do	1,880			1,690			1,830			1,520			1,970
Railroad..... do	190			180			180			150			160
Other transportation..... do	380			310			300			230			1,300
Electric and gas utilities..... do	140			140			120			80			190
Commercial and miscellaneous..... do	780			790			890			650			1,850
	1,290			1,260			1,320			1,060			1,170

* Revised. † Estimates based on anticipated capital expenditures of business; estimates for July-September 1950 are shown on p. 2 of the June 1950 SURVEY.
 ‡ Revised series. Quarterly estimates of national income, gross national product, and personal income and monthly estimates of personal income have been revised beginning 1946; see pp. 28-35 of the July 1950 SURVEY for the revised figures.
 §Includes inventory valuation adjustment.
 ¶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 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949						1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

GENERAL BUSINESS INDICATORS—Continued

FARM INCOME AND MARKETINGS													
Cash receipts from farming, including Government payments, total †..... mil. of dol.	2,044	2,177	2,417	2,608	3,139	3,050	2,326	2,254	1,614	1,674	1,594	1,809	1,849
Farm marketings and CCC loans, total..... do.	2,027	2,168	2,411	2,601	3,127	3,038	2,317	2,238	1,596	1,642	1,544	1,768	1,815
Crops..... do.	730	972	1,162	1,327	1,773	1,722	1,175	1,099	581	478	436	434	547
Livestock and products, total..... do.	1,297	1,196	1,249	1,274	1,354	1,316	1,142	1,139	1,015	1,164	1,108	1,334	1,268
Dairy products..... do.	376	347	328	304	298	266	267	290	276	315	313	358	368
Meat animals..... do.	645	592	661	705	737	735	603	676	574	639	579	744	667
Poultry and eggs..... do.	248	233	245	250	255	303	262	165	156	200	202	208	203
Indexes of cash receipts from marketings and CCC loans, unadjusted: ‡													
All commodities..... 1935-39=100..... do.	305	326	363	392	471	457	349	337	240	247	232	266	281
Crops..... do.	257	340	407	465	621	603	411	385	203	167	153	152	211
Livestock and products..... do.	342	316	330	336	357	347	301	268	307	293	293	352	334
Indexes of volume of farm marketings, unadjusted: ‡													
All commodities..... 1935-39=100..... do.	134	141	162	168	202	193	155	154	109	112	104	117	119
Crops..... do.	112	145	190	209	270	246	170	168	92	72	59	61	74
Livestock and products..... do.	150	138	140	138	150	153	144	143	123	142	139	159	153
INDUSTRIAL PRODUCTION													
Federal Reserve Index													
Unadjusted, combined index..... 1935-39=100..... do.	170	163	174	178	169	174	178	179	177	183	188	195	201
Manufactures..... do.	176	169	181	188	179	180	186	189	188	191	197	203	209
Durable manufactures..... do.	195	186	194	200	176	181	201	206	204	210	221	232	238
Iron and steel..... do.	177	156	178	179	102	145	201	203	201	205	222	226	229
Lumber and products..... do.	129	121	134	141	138	144	145	130	138	147	158	162	165
Furniture..... do.	139	136	148	158	165	163	170	166	173	176	175	175	175
Lumber..... do.	124	113	126	132	125	134	132	111	119	133	150	155	160
Machinery..... do.	225	217	216	224	226	217	227	229	236	243	251	259	264
Nonferrous metals and products..... do.	133	127	141	157	164	164	167	180	190	201	198	197	204
Fabricating..... do.	108	105	128	150	162	161	163	176	184	197	194	192	198
Smelting and refining..... do.	192	179	174	175	167	170	175	191	202	208	207	208	218
Stone, clay, and glass products..... do.	188	187	190	191	193	188	181	179	179	180	198	209	214
Cement..... do.	209	209	207	210	211	206	187	168	160	157	207	221	229
Clay products..... do.	151	140	149	151	154	153	154	147	150	151	155	161	164
Glass containers..... do.	204	214	212	199	210	195	177	202	201	201	222	238	232
Transportation equipment..... do.	240	249	246	252	238	206	211	242	210	214	226	261	279
Automobiles (incl. parts)..... do.	211	225	225	231	216	175	181	224	182	189	205	248	271
Nondurable manufactures..... do.	161	156	170	178	181	178	175	175	176	177	178	180	184
Alcoholic beverages..... do.	190	188	179	179	180	171	151	143	143	162	168	177	202
Chemicals products..... do.	230	225	226	238	245	247	249	249	250	250	253	255	259
Industrial chemicals..... do.	404	392	388	405	414	417	422	419	424	428	434	444	455
Leather and products..... do.	104	94	110	114	108	98	101	108	118	115	110	102	102
Leather tanning..... do.	95	80	90	98	99	95	99	96	109	97	101	94	94
Shoes..... do.	110	104	123	125	115	101	103	116	124	128	115	106	106
Manufactured food products..... do.	165	172	189	190	177	162	156	149	146	148	150	157	164
Dairy products..... do.	223	222	197	159	121	97	96	95	107	128	159	199	226
Meat packing..... do.	139	140	134	145	155	172	186	183	144	148	145	144	146
Processed fruits and vegetables..... do.	133	181	287	267	193	123	103	92	86	83	91	98	124
Paper and products..... do.	143	128	155	169	176	177	167	178	179	179	182	181	185
Paper and pulp..... do.	138	125	148	160	168	168	160	171	172	173	175	173	178
Petroleum and coal products..... do.	202	198	203	208	198	205	219	211	205	207	206	216	220
Coke..... do.	159	139	146	145	49	102	158	154	124	146	174	175	176
Printing and publishing..... do.	148	133	143	169	169	167	162	157	166	172	174	169	169
Rubber products..... do.	178	175	178	174	192	187	193	194	195	197	202	213	220
Textiles and products..... do.	126	120	140	155	169	175	173	178	179	173	174	175	173
Cotton consumption..... do.	105	87	111	127	134	138	134	144	144	138	139	140	132
Rayon deliveries..... do.	217	238	259	294	313	340	350	355	357	350	348	347	349
Wool textiles..... do.	120	109	134	139	161	158	151	154	159	152	154	157	157
Tobacco products..... do.	179	152	184	185	171	172	138	162	154	167	152	168	176
Minerals..... do.	137	128	134	123	112	141	128	125	113	139	138	147	155
Fuels..... do.	135	126	134	122	120	152	136	123	118	148	147	148	154
Anthracite..... do.	78	93	82	50	118	117	63	69	65	108	83	97	94
Bituminous coal..... do.	104	80	108	60	31	133	103	96	38	149	143	131	136
Crude petroleum..... do.	153	147	149	154	156	163	157	154	155	152	155	160	167
Metals..... do.	150	140	135	128	63	76	81	80	81	83	86	139	162
Adjusted, combined index..... do.	169	161	170	174	166	173	179	183	180	187	190	195	199
Manufactures..... do.	175	168	178	184	176	179	188	192	192	194	199	204	208
Durable manufactures..... do.	194	185	193	199	175	181	203	209	207	211	222	231	237
Lumber and products..... do.	123	115	126	132	133	147	159	144	150	156	159	158	154
Lumber..... do.	114	104	115	119	116	139	153	132	138	145	150	149	144
Nonferrous metals..... do.	133	127	141	157	164	163	166	180	190	200	198	197	204
Smelting and refining..... do.	193	180	174	175	167	169	174	191	202	208	207	208	219
Stone, clay, and glass products..... do.	186	185	183	183	184	183	187	190	192	188	201	203	212
Cement..... do.	195	190	183	189	182	191	206	207	211	192	218	210	214
Clay products..... do.	152	140	145	146	146	147	150	158	157	158	160	162	165
Glass containers..... do.	206	223	204	195	204	193	190	206	207	201	222	223	234
Nondurable manufactures..... do.	161	154	165	172	177	177	176	179	180	181	180	181	184
Alcoholic beverages..... do.	169	165	172	174	167	187	173	169	159	175	169	172	184
Chemicals products..... do.	233	228	229	236	240	243	245	247	247	247	252	256	261
Leather and products..... do.	105	96	110	115	108	97	101	108	115	116	110	101	101
Leather tanning..... do.	97	84	91	100	98	92	99	95	102	98	101	95	95
Manufactured food products..... do.	165	161	166	167	165	160	160	161	161	165	164	164	164
Dairy products..... do.	151	151	152	151	146	147	148	148	149	154	153	150	153
Meat packing..... do.	141	150	153	158	155	154	157	154	151	160	157	144	147
Processed fruits and vegetables..... do.	173	139	151	137	149	134	132	142	136	132	148	151	161
Paper and products..... do.	143	129	155	169	176	177	167	179	178	179	181	180	184
Paper and pulp..... do.	138	126	148	160	168	168	160	171	171	172	174	173	177

† Revised. ‡ Preliminary.
 † Data for 1947-48 were revised to incorporate revisions in reports on production and sales of farm products; revised figures for January 1947-July 1948 appear on p. 23 of the April 1950 SURVEY; revisions beginning August 1948 are shown on p. S-2 of the October 1949 SURVEY and later issues. ‡ Seasonal factors for a number of industries were fixed at 100 during 1939-42; data for these industries are shown only in the unadjusted series.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

GENERAL BUSINESS INDICATORS—Continued

INDUSTRIAL PRODUCTION—Continued													
Adjusted σ^7 —Continued													
Manufactures—Continued													
Nondurable manufactures—Continued													
Petroleum and coal products... 1935-39=100...	202	198	203	208	198	205	219	211	205	207	206	r 216	p 220
Printing and publishing.....do.....	149	144	151	159	165	160	159	163	168	169	170	r 166	170
Tobacco products.....do.....	172	146	178	175	165	169	149	162	162	176	161	168	170
Minerals.....do.....	133	123	129	119	112	141	132	130	118	144	140	r 145	p 151
Metals.....do.....	124	105	102	98	59	76	106	117	118	119	97	r 124	p 136
BUSINESS SALES AND INVENTORIES*													
Business sales (adjusted), total\$..... bil. of dol..													
Manufacturing, total.....do.....	36.4	34.8	37.1	37.2	34.6	35.5	34.7	35.7	36.5	37.9	r 36.9	r 40.0	41.2
Durable-goods industries.....do.....	18.0	17.1	18.9	18.9	16.8	17.3	16.9	17.7	18.0	19.1	18.5	r 20.7	21.2
Nondurable-goods industries.....do.....	7.7	7.2	8.0	7.9	6.5	7.0	7.0	7.5	7.5	8.1	8.0	r 9.1	9.6
Wholesale trade, total.....do.....	10.2	9.9	11.0	11.0	10.3	10.3	9.9	10.2	10.6	11.0	10.5	r 11.6	11.7
Durable-goods establishments.....do.....	7.7	7.2	7.5	7.5	7.1	7.6	7.3	7.2	7.3	7.7	r 7.4	r 8.0	8.3
Nondurable-goods establishments.....do.....	1.8	1.6	1.8	1.9	1.7	1.8	1.7	1.6	1.7	1.9	1.8	2.1	2.3
Retail trade, total.....do.....	5.9	5.5	5.7	5.6	5.4	5.8	5.6	5.6	5.6	5.8	r 5.6	r 5.9	6.0
Durable-goods stores.....do.....	10.7	10.5	10.7	10.9	10.7	10.6	10.5	10.9	11.1	11.1	11.1	11.3	11.7
Nondurable-goods stores.....do.....	3.3	3.3	3.5	3.5	3.6	3.3	3.1	3.6	3.7	3.7	3.7	3.9	4.2
Business inventories, book value, end of month (adjusted), total\$..... bil. of dol..	7.3	7.2	7.2	7.4	7.1	7.3	7.4	7.3	7.4	7.4	7.4	7.4	7.5
Manufacturing, total.....do.....	56.4	55.3	54.6	54.6	54.4	54.0	53.6	54.1	53.9	54.5	54.8	r 55.4	56.3
Durable-goods industries.....do.....	33.3	32.4	31.6	31.1	30.7	30.5	30.9	31.1	31.1	31.1	31.2	31.5	32.1
Nondurable-goods industries.....do.....	15.7	15.2	14.7	14.3	13.9	13.6	13.9	13.9	13.9	13.9	14.0	r 14.1	14.4
Wholesale, total.....do.....	17.5	17.1	16.9	16.8	16.9	16.9	17.0	17.3	17.2	17.2	17.2	r 17.4	17.7
Durable-goods establishments.....do.....	9.0	9.1	9.1	9.2	9.1	9.1	9.0	9.0	9.0	9.1	9.4	9.5	9.5
Nondurable-goods establishments.....do.....	3.2	3.1	3.0	3.0	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.2	3.3
Retail trade, total.....do.....	5.8	6.0	6.0	6.2	6.2	6.2	6.1	6.0	6.0	6.1	6.3	6.3	6.2
Durable-goods stores.....do.....	14.2	13.9	13.9	14.4	14.5	14.3	13.7	14.0	13.8	14.3	14.1	r 14.4	14.8
Nondurable-goods stores.....do.....	5.4	5.3	5.3	5.6	5.7	5.5	5.1	5.4	5.2	5.3	5.3	r 5.4	5.6
Manufacturing inventories (unadjusted), by stage of fabrication, total..... bil. of dol..	8.8	8.6	8.6	8.8	8.8	8.8	8.6	8.6	8.6	9.0	8.9	r 9.0	9.2
Purchased materials.....do.....	32.9	32.3	31.7	31.0	30.7	30.6	31.1	31.3	31.2	31.1	31.0	31.3	31.7
Goods in process.....do.....	12.4	12.2	12.0	11.8	11.8	12.0	12.3	12.2	12.1	12.0	11.8	r 11.8	11.8
Finished goods.....do.....	8.1	8.0	7.7	7.5	7.2	6.9	6.9	7.2	7.3	7.4	7.5	r 7.6	7.8
MANUFACTURERS' SALES AND INVENTORIES—VALUE (ADJUSTED)*													
Sales, total.....mil. of dol..													
Durable-goods industries, total.....do.....	17,990	17,114	18,945	18,865	16,805	17,313	16,857	17,650	18,035	19,144	18,459	r 20,695	21,239
Iron, steel, and products.....do.....	7,745	7,207	7,982	7,877	6,542	7,041	6,960	7,471	7,461	8,127	7,956	r 9,089	9,550
Nonferrous metals and products.....do.....	1,811	1,703	1,850	1,894	1,088	1,457	1,796	1,860	1,937	1,989	2,015	r 2,261	2,324
Electrical machinery and equipment.....do.....	512	418	546	579	500	512	524	549	554	572	542	r 648	746
Machinery, except electrical.....do.....	730	699	749	802	756	767	737	784	789	885	833	r 918	994
Motor vehicles and equipment.....do.....	1,195	1,063	1,130	1,130	1,053	1,081	1,006	1,072	1,124	1,272	r 1,218	r 1,350	1,352
Transportation equip., except autos.....do.....	1,553	1,558	1,739	1,579	1,371	1,258	1,108	1,491	1,294	1,456	1,486	r 1,756	1,906
Lumber and timber basic products.....do.....	454	487	492	365	359	410	440	398	363	395	384	r 418	386
Furniture and finished lumber products.....do.....	417	362	410	456	409	454	426	350	395	460	450	r 529	605
Stone, clay, and glass products.....do.....	339	288	336	346	324	345	305	288	308	366	352	r 394	410
Other durable-goods industries.....do.....	369	349	395	388	354	393	340	366	377	389	360	r 459	455
Nondurable-goods industries, total.....do.....	366	310	335	358	327	363	307	314	319	344	315	r 356	371
Food and kindred products.....do.....	10,244	9,907	10,964	10,988	10,263	10,272	9,897	10,178	10,574	11,017	10,502	r 11,606	11,689
Beverages.....do.....	3,006	2,774	2,969	2,989	2,890	2,834	2,899	2,878	3,010	3,010	3,023	r 3,460	3,449
Tobacco manufactures.....do.....	701	674	740	589	528	522	532	501	607	604	577	r 658	739
Textile-mill products.....do.....	279	271	298	285	256	280	256	281	273	286	254	285	291
Apparel and related products.....do.....	984	998	1,111	1,164	1,089	1,133	1,044	1,054	1,087	1,091	1,027	r 1,166	1,182
Leather and products.....do.....	685	770	995	964	791	688	700	670	698	724	620	r 616	547
Paper and allied products.....do.....	303	282	316	294	274	254	244	249	280	290	264	r 233	319
Printing and publishing.....do.....	461	497	583	644	623	618	583	600	610	636	574	r 640	666
Chemicals and allied products.....do.....	592	555	573	596	509	512	612	613	709	722	648	r 674	679
Petroleum and coal products.....do.....	1,143	1,106	1,239	1,274	1,174	1,182	1,085	1,175	1,192	1,311	1,221	r 1,374	1,409
Rubber products.....do.....	1,525	1,511	1,598	1,618	1,575	1,654	1,580	1,536	1,565	1,632	1,662	r 1,716	1,740
Other nondurable-goods industries.....do.....	266	271	295	277	262	262	286	276	286	306	303	r 337	337
Inventories, book value, end of month, total.....do.....	300	227	245	294	291	333	275	343	356	406	330	r 387	303
Durable-goods industries, total.....do.....	33,250	32,367	31,638	31,076	30,744	30,547	30,899	31,136	31,098	31,103	31,219	31,509	32,059
Iron, steel, and products.....do.....	15,727	15,225	14,741	14,282	13,876	13,646	13,869	13,880	13,923	13,873	14,011	r 14,140	14,397
Nonferrous metals and products.....do.....	3,564	3,459	3,337	3,202	3,062	3,048	3,129	3,123	3,101	3,109	3,171	r 3,228	3,300
Electrical machinery and equipment.....do.....	1,136	1,115	1,064	1,035	1,023	1,028	1,022	982	982	977	996	r 991	1,015
Machinery, except electrical.....do.....	1,888	1,806	1,737	1,648	1,603	1,568	1,600	1,594	1,605	1,593	1,606	r 1,600	1,700
Motor vehicles and equipment.....do.....	3,484	3,386	3,329	3,259	3,152	3,082	3,090	3,064	3,098	3,117	3,116	r 3,119	3,163
Transportation equip., except autos.....do.....	1,877	1,904	1,824	1,769	1,678	1,626	1,767	1,803	1,810	1,806	1,840	r 1,829	1,832
Lumber and timber basic products.....do.....	917	903	860	869	839	809	764	740	708	677	648	r 636	650
Furniture and finished lumber products.....do.....	652	617	586	558	598	602	591	642	646	615	619	r 641	643
Stone, clay, and glass products.....do.....	786	757	754	744	717	723	723	745	787	794	807	r 829	853
Other durable-goods industries.....do.....	563	548	527	506	492	474	484	498	493	495	506	r 503	518
Nondurable-goods industries, total.....do.....	762	731	724	712	712	687	698	700	693	702	702	r 714	723
Food and kindred products.....do.....	17,524	17,142	16,898	16,794	16,867	16,900	17,030	17,256	17,175	17,225	17,208	r 17,369	17,661
Beverages.....do.....	3,026	2,842	2,884	2,806	2,955	2,983	3,066	3,166	3,168	3,220	3,194	r 3,217	3,183
Tobacco manufactures.....do.....	1,095	1,102	1,062	1,124	1,099	1,082	1,088	1,106	1,124	1,159	1,162	r 1,143	1,102
Textile-mill products.....do.....	1,633	1,611	1,668	1,728	1,715	1,697	1,706	1,699	1,673	1,687	1,687	r 1,698	1,684
Apparel and related products.....do.....	2,361	2,316	2,219	2,198	2,218	2,254	2,283	2,306	2,314	2,338	2,339	r 2,466	2,591
Leather and products.....do.....	1,412	1,421	1,359	1,332	1,332	1,357	1,377	1,467	1,480	1,524	1,496	r 1,470	1,594
Paper and allied products.....do.....	624	590	598	614	611	616	618	636	610	610	644	r 665	691
Printing and publishing.....do.....	872	832	793	756	739	737	759	782	778	775	778	r 759	751
Chemicals and allied products.....do.....	609	580	568	561	559	589	585	600	588	606	617	r 615	642
Petroleum and coal products.....do.....	2,278	2,264	2,247	2,228	2,222	2,223	2,194	2,164	2,154	2,112	2,128	r 2,149	2,169
Rubber products.....do.....	2,544	2,546	2,513	2,497	2,507	2,472	2,412	2,358	2,322	2,240	2,204	r 2,213	2,240
Other nondurable-goods industries.....do.....	644	625	586	562	537	587	584	588	594	595	598	r 609	609
	427	415	400	390	373	302	360	383	375	361	363	r 366	396

* Revised. p Preliminary. σ^7 See note marked "σ" on p. S-2.<

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
GENERAL BUSINESS INDICATORS—Continued													
MANUFACTURERS' NEW ORDERS, NET*													
Value (unadjusted), total.....mil. of dol.	16,300	15,496	18,697	19,441	18,359	18,138	16,775	18,646	17,983	20,228	18,594	20,345	22,626
Durable-goods industries, total.....do.	6,544	6,195	7,407	7,634	7,432	7,402	7,019	8,377	7,513	9,075	8,531	8,900	10,665
Iron, steel, and products.....do.	1,504	1,284	1,776	1,513	1,837	1,771	1,915	2,067	1,995	2,382	2,028	2,343	2,661
Nonferrous metals and their products.....do.	418	365	615	583	566	525	508	586	578	638	587	648	692
Electrical machinery and equipment.....do.	702	561	687	810	841	724	788	841	754	1,006	835	891	1,060
Machinery, except electrical.....do.	1,017	858	938	996	970	953	1,001	1,184	1,196	1,396	1,328	1,420	1,545
Transportation equipment, except autos.....do.	217	263	244	377	246	711	243	513	353	311	545	261	848
Other durable-goods industries.....do.	2,686	2,865	3,146	3,355	2,972	2,718	2,564	3,186	2,638	3,341	3,208	3,346	3,859
Nondurable-goods industries.....do.	9,756	9,301	11,290	11,807	10,926	10,736	9,756	10,269	10,470	11,153	10,063	11,436	11,962

BUSINESS POPULATION

OPERATING BUSINESSES AND BUSINESS TURN-OVER													
Operating businesses, total, end of quarter†, thous.	3,948.8			3,941.5			3,941.6						
Contract construction.....do.	332.2			331.5			332.4						
Manufacturing.....do.	305.8			298.7			293.4						
Service industries.....do.	849.7			849.4			851.0						
Retail trade.....do.	1,689.5			1,690.1			1,690.4						
Wholesale trade.....do.	203.3			203.5			204.2						
All other.....do.	568.3			568.3			570.0						
New businesses, quarterly total.....do.	99.0			84.5			79.8						
Contract construction.....do.	16.9			12.9			12.7						
Manufacturing.....do.	9.0			7.1			7.0						
Service industries.....do.	20.0			16.6			16.4						
Retail trade.....do.	37.9			34.5			29.8						
Wholesale trade.....do.	4.2			3.8			3.8						
All other.....do.	11.0			9.6			10.1						
Discontinued businesses, quarterly total†, do.	109.9			91.8			79.8						
Contract construction.....do.	11.5			13.6			11.8						
Manufacturing.....do.	17.0			14.1			12.3						
Service industries.....do.	22.0			16.9			14.7						
Retail trade.....do.	43.4			33.9			29.4						
Wholesale trade.....do.	4.0			3.6			3.1						
All other.....do.	12.0			9.7			8.4						
Business transfers, quarterly total.....do.	83.6			83.5			71.0						
BUSINESS INCORPORATIONS													
New incorporations (48 States)*.....number..	7,260	6,424	6,828	6,867	6,877	6,755	7,857	9,070	7,736	9,180	8,375	9,216	8,861
INDUSTRIAL AND COMMERCIAL FAILURES													
Failures, total‡.....number..	828	719	810	732	802	835	770	864	811	884	806	874	725
Commercial service‡.....do.	75	49	53	67	58	63	50	61	69	74	44	62	67
Construction.....do.	74	61	55	71	90	83	80	65	73	86	76	80	61
Manufacturing and mining.....do.	215	188	221	183	181	197	201	225	170	206	195	197	167
Retail trade.....do.	372	344	385	329	364	395	349	403	399	402	398	426	363
Wholesale trade.....do.	92	77	96	82	109	97	90	110	100	116	93	109	67
Liabilities, total‡.....thous. of dol.	28,161	21,894	31,175	20,598	23,894	22,769	19,251	26,436	22,156	27,900	21,250	22,672	18,072
Commercial service‡.....do.	1,862	1,393	1,187	1,289	1,248	1,281	668	1,829	1,875	1,706	819	1,474	1,572
Construction.....do.	2,476	1,845	2,272	2,148	1,989	4,562	1,814	1,884	2,777	2,777	1,465	2,129	1,533
Manufacturing and mining.....do.	13,500	10,183	16,008	9,379	11,897	8,419	7,465	10,928	7,905	12,241	7,980	7,470	7,244
Retail trade.....do.	6,234	5,629	6,424	4,929	5,833	5,929	6,284	7,355	6,386	7,859	7,179	8,650	5,154
Wholesale trade.....do.	4,089	2,754	5,284	2,853	2,927	2,898	3,020	4,440	4,166	3,317	3,807	2,949	2,569

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS													
Prices received, all farm products †\$...1910-14=100	249	246	244	247	242	237	233	235	237	237	241	247	247
Crops.....do.	225	221	214	212	210	210	210	219	215	215	225	223	225
Food grain.....do.	213	209	205	211	213	215	219	218	219	224	227	230	218
Feed grain and hay.....do.	168	171	165	166	161	157	168	170	171	174	181	190	190
Tobacco.....do.	404	434	400	363	396	369	394	382	389	389	389	387	388
Cotton.....do.	253	253	246	250	241	233	223	222	231	236	242	246	251
Fruit.....do.	235	217	181	160	180	172	174	185	186	193	206	195	207
Truck crops.....do.	155	168	170	188	174	213	196	261	203	168	205	178	182
Oil-bearing crops.....do.	232	219	241	227	221	220	225	228	228	230	239	248	254
Livestock and products.....do.	271	269	271	279	271	262	255	249	257	258	256	269	268
Meat animals.....do.	323	316	310	319	301	286	280	286	306	308	312	342	342
Dairy products.....do.	233	237	244	251	258	261	261	254	250	243	235	230	227
Poultry and eggs.....do.	212	213	225	236	230	216	194	158	155	165	161	154	156
Prices paid:†.....do.													
All commodities.....1910-14=100	242	240	238	238	237	236	237	238	237	239	240	244	245
Commodities used in living.....do.	245	244	242	240	239	238	239	238	238	239	239	242	243
Commodities used in production.....do.	239	235	234	234	235	234	235	237	237	239	241	246	247
All commodities, interest, taxes, and wage rates 1910-14=100	252	250	249	248	246	245	246	249	248	250	251	254	255
Parity ratio†.....do.	99	98	98	100	98	97	95	94	96	95	96	97	97

† Revised.

*New series. Beginning with the December 1949 SURVEY, dollar values of manufacturers' new orders have been substituted for the indexes shown prior to the October 1948 issue; figures back to January 1946 and details regarding the new series are given on pp. 18-24 of the December 1949 SURVEY. Data on new incorporations are compiled by Dun and Bradstreet, Inc.; they are available for the 48 States beginning 1946, and for 47 States (excluding Louisiana) beginning July 1945; figures through 1948 are shown on p. 21 of the May 1950 issue of the SURVEY.

†Revisions in previously published data on operating and discontinued businesses for the final quarter of 1948 and the first quarter of 1949 will be shown later.

‡For comparability with data prior to 1945, figures for certain subsequent months have been revised to exclude railroad failures. Revisions are shown in the February 1950 SURVEY. §July 1950 indexes: All farm products, 263; crops, 236; food grain, 226; feed grain and hay, 195; tobacco, 387; cotton, 278; fruit, 211; truck crops, 200; oil-bearing crops, 267; livestock and products, 287; meat animals, 371; dairy products, 232; poultry and eggs, 173.

¶Revised series. Beginning with the February 1950 issue of the SURVEY, data have been revised (effective back to 1910) to reflect changes prescribed in the Agricultural Acts of 1943 and 1949; revisions for 1910-48 are shown on p. 36 of July 1950 SURVEY.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
COMMODITY PRICES—Continued													
RETAIL PRICES													
All commodities (U. S. Department of Commerce index).....1935-39=100	188.3	186.8	186.6	187.2	185.6	185.7	184.4	183.8	183.3	183.8	184.1	185.7	187.5
Coal (U. S. Department of Labor indexes):													
Anthracite.....Oct. 1922-Sept. 1925=100	142.3	143.0	143.4	145.4	147.4	148.3	148.4	148.5	148.5	149.3	154.2	147.2	147.4
Bituminous.....do	154.8	154.8	154.9	156.4	158.5	160.5	162.7	164.1	164.5	166.2	165.6	160.9	160.2
Consumers' price index (U. S. Dept. of Labor):													
All items.....1935-39=100	169.6	168.5	168.8	169.6	168.5	168.6	167.5	166.9	166.5	167.0	167.3	168.6	170.2
Apparel.....do	190.3	188.5	187.4	187.2	186.8	186.3	185.8	185.0	184.8	185.0	185.1	185.1	185.0
Food.....do	204.3	201.7	202.6	204.2	200.6	200.8	197.3	196.0	194.8	196.0	196.6	200.3	204.6
Cereals and bakery products.....do	169.7	169.5	169.4	169.7	169.1	169.2	169.2	169.0	169.0	169.0	169.3	169.6	169.6
Dairy products.....do	182.0	182.2	184.9	185.3	186.7	186.4	186.2	184.2	183.6	182.4	179.3	177.8	177.1
Fruits and vegetables.....do	217.9	210.2	201.9	199.8	194.5	202.0	198.2	204.8	199.1	195.2	200.5	206.5	217.2
Meats, poultry, and fish.....do	240.6	236.0	239.5	243.6	235.1	229.1	223.2	219.4	221.6	227.3	227.9	239.5	246.7
Fuel, electricity, and refrigeration.....do	135.6	135.6	135.8	137.0	138.4	139.1	139.7	140.0	140.3	140.9	141.4	138.8	138.9
Gas and electricity.....do	96.9	96.9	97.1	97.1	97.0	97.0	97.2	96.7	97.1	97.1	97.2	97.1	97.0
Other fuels.....do	183.0	183.1	183.1	185.9	188.3	190.0	191.6	193.1	193.2	194.4	195.6	189.1	189.4
Housefurnishings.....do	187.3	186.8	184.8	185.6	185.2	185.4	185.4	184.7	185.3	185.4	185.6	185.4	185.2
Rent.....do	120.6	120.7	120.8	121.2	121.5	122.0	122.2	122.6	122.8	122.9	123.1	123.5	123.9
Miscellaneous.....do	154.2	154.3	154.8	155.2	155.2	154.9	155.5	155.1	155.1	155.0	154.8	155.3	155.3
WHOLESALE PRICES													
U. S. Department of Labor indexes:†													
All commodities.....1926=100	154.5	153.6	152.9	153.5	152.2	151.6	151.2	151.5	152.7	152.7	152.9	155.9	157.3
Economic classes:													
Manufactured products.....do	150.6	149.8	149.4	150.1	149.1	148.2	147.9	148.2	149.1	148.9	149.4	152.2	153.5
Raw materials.....do	164.5	163.2	161.3	162.0	160.4	160.4	159.5	159.8	162.4	162.8	162.5	166.3	167.7
Semimanufactured articles.....do	146.5	146.0	147.9	147.8	145.3	145.1	144.7	144.8	144.3	144.1	143.9	145.6	148.1
Farm products.....do	168.8	166.2	162.3	163.1	159.6	156.8	154.9	154.7	159.1	159.4	159.3	164.7	165.9
Grains.....do	154.9	154.1	150.4	156.4	155.3	156.4	160.9	160.2	161.3	165.4	169.6	172.3	169.3
Livestock and poultry.....do	193.3	188.5	186.3	186.6	177.7	169.6	167.0	170.5	179.9	180.3	178.0	194.6	197.5
Commodities other than farm products.....do	151.1	150.6	150.6	151.2	150.3	150.3	150.1	150.5	151.1	151.0	151.2	153.7	155.2
Foods.....do	162.4	161.3	160.6	162.0	159.6	158.9	155.7	154.8	156.7	155.5	155.3	159.9	162.1
Cereal products.....do	145.6	146.1	142.8	143.7	144.6	144.6	144.3	144.8	144.8	145.6	145.9	146.0	145.6
Dairy products.....do	145.5	149.2	152.7	153.5	154.6	154.7	154.4	148.8	147.5	144.8	141.1	138.0	135.9
Fruits and vegetables.....do	157.5	145.4	130.3	126.9	128.0	130.7	132.4	134.3	138.2	134.9	137.6	139.2	140.5
Meats, poultry, and fish.....do	215.5	212.2	210.7	215.1	205.0	198.9	193.5	194.5	201.6	200.0	200.6	217.1	223.7
Commodities other than farm products and foods.....1926=100	145.5	145.1	145.0	145.3	145.0	145.0	145.4	145.8	145.9	146.1	146.4	147.6	148.8
Building materials.....do	191.4	189.0	188.3	189.4	189.3	189.6	190.4	191.6	192.8	194.2	194.8	197.1	202.2
Brick and tile.....do	160.8	161.5	161.5	161.8	161.8	161.9	161.9	163.5	163.2	163.3	163.4	163.9	164.3
Cement.....do	133.7	133.1	133.0	133.0	134.5	134.5	134.5	134.8	134.9	134.9	134.9	134.9	134.9
Lumber.....do	280.7	277.4	277.4	279.8	282.0	283.5	285.2	287.5	292.1	295.9	299.4	310.8	322.7
Paint and paint materials.....do	153.8	145.4	144.0	144.1	141.4	141.0	139.6	139.0	139.0	138.2	136.7	136.8	137.7
Chemicals and allied products.....do	116.7	118.0	119.6	117.6	115.9	115.8	115.2	115.7	115.2	116.3	117.1	116.4	114.5
Chemicals.....do	116.7	117.9	117.8	117.2	115.3	115.0	114.3	114.7	114.4	115.4	116.4	116.5	117.3
Drug and pharmaceutical materials.....do	124.3	124.7	125.0	125.0	123.1	123.0	121.6	121.5	121.7	121.9	122.0	122.3	122.7
Fertilizer materials.....do	117.5	120.7	121.8	120.4	120.2	118.3	117.9	117.4	116.9	117.3	117.4	116.8	108.4
Oils and fats.....do	116.9	118.5	130.3	118.4	115.6	118.3	118.2	122.7	120.9	125.6	127.5	122.2	111.9
Fuel and lighting materials.....do	130.0	130.1	129.6	129.9	130.6	130.2	130.4	131.4	131.3	131.5	131.2	132.1	132.7
Electricity.....do	68.9	70.0	68.5	68.9	70.1	70.3	69.6	68.9	69.6	67.9	67.8	68.8	67.8
Gas.....do	90.1	89.5	88.9	89.3	87.8	88.3	87.2	85.0	87.4	88.3	86.8	87.2	87.2
Petroleum and products.....do	110.4	110.2	109.7	109.1	109.9	108.5	108.5	109.4	109.4	108.6	109.5	112.6	113.9
Hides and leather products.....do	178.8	177.8	178.9	181.1	181.3	180.8	179.9	179.3	179.0	179.6	179.4	181.0	182.6
Hides and skins.....do	186.0	184.7	194.5	204.8	205.6	199.5	192.8	189.0	188.2	190.4	187.2	194.4	202.1
Leather.....do	177.1	175.4	173.7	175.5	176.5	177.0	178.1	177.6	176.6	177.9	179.1	179.3	180.6
Shoes.....do	184.1	183.8	183.8	183.8	183.4	184.3	184.3	184.3	184.3	184.3	184.3	185.0	184.8
Housefurnishing goods.....do	145.3	143.0	142.9	142.9	143.0	143.4	144.2	144.7	145.2	145.5	145.8	146.6	147.0
Furnishings.....do	151.1	149.1	149.1	149.1	149.2	149.9	151.2	151.5	151.8	152.2	152.6	154.1	154.4
Furniture.....do	139.3	136.8	136.6	136.6	136.7	136.8	137.0	137.8	138.4	138.6	138.8	138.9	139.3
Metals and metal products.....do	167.1	167.9	168.2	168.2	167.3	167.3	167.8	168.4	168.6	168.5	168.7	169.8	171.8
Iron and steel.....do	164.6	164.2	163.8	164.0	163.3	163.4	165.4	167.3	168.8	169.0	168.9	168.6	169.2
Nonferrous metals.....do	128.8	132.1	135.9	135.7	131.5	131.7	129.2	128.6	128.1	127.2	128.9	136.3	148.4
Plumbing and heating.....do	154.7	154.7	154.7	154.6	154.6	154.6	154.6	151.7	148.7	151.9	154.7	156.4	156.3
Textile products.....do	139.1	138.0	138.1	139.0	138.0	138.0	138.4	138.5	138.2	137.3	136.4	136.1	136.8
Clothing.....do	145.6	144.8	144.8	144.8	144.6	144.2	144.0	143.9	143.1	143.5	144.2	143.8	143.8
Cotton goods.....do	169.3	167.3	170.2	174.8	176.5	177.9	178.4	178.7	178.4	176.5	172.8	172.0	173.8
Hosiery and underwear.....do	99.5	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.6	98.0	97.7	97.7	97.7
Rayon and nylon.....do	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.9	39.9	39.9	39.9	39.9
Silk.....do	49.2	49.2	49.2	49.2	49.2	49.5	49.9	50.1	49.1	49.1	49.1	49.3	49.3
Woolen and worsted goods.....do	159.7	157.6	152.6	150.4	145.1	146.0	146.9	147.0	147.2	146.3	146.1	146.2	148.3
Miscellaneous.....do	111.0	110.3	109.8	109.6	109.0	109.7	110.7	110.0	110.0	110.7	112.6	114.7	114.8
Automobile tires and tubes.....do	62.1	60.6	60.6	60.6	60.7	62.5	64.3	64.3	64.3	64.3	65.0	65.8	67.0
Paper and pulp.....do	159.6	156.8	156.8	156.5	156.5	156.5	156.0	155.9	155.6	155.5	155.4	155.4	155.4
PURCHASING POWER OF THE DOLLAR													
As measured by—													
Wholesale prices.....1935-39=100	52.0	52.4	52.6	52.4	52.8	53.1	53.2	53.1	52.7	52.7	52.6	51.6	51.2
Consumers' prices.....do	59.0	59.3	59.2	59.0	59.3	59.3	59.7	59.9	60.1	59.9	59.8	59.3	58.8
Retail food prices.....do	48.9	49.6	49.4	49.0	49.9	49.8	50.6	50.9	51.2	50.9	50.8	49.9	48.9

* Revised. † For actual wholesale prices of individual commodities, see respective commodities.

‡ Indexes for the latest 2 months are preliminary and are currently revised to incorporate corrections received in the 2 months following. Any additional corrections received are incorporated in final annual summaries issued in the middle of the year. Corrected indexes for June-December 1949 are shown in this SURVEY, and for June-December 1948 in the August 1949 issue. Corrected indexes for January-May 1948 and 1949 are available upon request.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
CONSTRUCTION AND REAL ESTATE													
CONSTRUCTION ACTIVITY													
New construction, total†.....mil. of dol.	2,039	2,119	2,195	2,214	2,177	2,044	1,852	1,712	1,618	1,750	1,959	* 2,250	2,500
Private, total.....do.	1,428	1,481	1,514	1,513	1,506	1,484	1,401	1,298	1,262	1,313	1,453	* 1,665	1,846
Residential (nonfarm).....do.	712	757	782	809	832	837	806	742	717	741	852	* 1,010	1,134
Nonresidential building, except farm and public utility, total.....mil. of dol.	272	273	271	262	264	270	267	257	252	249	249	275	306
Industrial.....do.	76	72	71	69	68	68	68	69	70	69	70	73	78
Commercial.....do.	94	93	89	83	84	88	86	79	77	77	76	92	110
Farm construction.....do.	131	138	140	127	104	87	75	74	75	79	88	100	108
Public utility.....do.	305	305	313	308	299	283	246	216	209	235	253	267	285
Public, total.....do.	611	638	681	701	671	560	451	414	356	437	506	585	654
Residential.....do.	33	32	37	40	41	36	34	35	26	28	28	28	28
Nonresidential building.....do.	172	176	187	218	215	179	158	155	154	170	178	187	193
Military and naval.....do.	11	12	15	15	16	14	12	9	9	8	9	9	10
Highway.....do.	236	256	275	255	233	184	117	90	55	100	145	200	250
Conservation and development.....do.	80	78	80	81	80	71	60	56	49	62	74	85	94
Other types.....do.	79	84	87	92	86	76	70	69	63	69	72	76	79
CONTRACT AWARDS													
Construction contracts awarded in 37 States (F. W. Dodge Corp.):													
Total projects.....number	37,203	32,579	37,662	46,925	43,782	40,132	34,704	30,989	35,715	53,494	59,616	65,305	60,658
Total valuation.....thous. of dol.	945,676	943,560	905,748	1,093,724	1,061,751	957,761	929,030	730,855	779,530	1,300,201	1,350,496	1,347,603	1,345,463
Public ownership.....do.	375,431	410,352	316,409	288,754	331,892	315,683	298,714	200,541	284,925	480,972	354,115	388,643	428,264
Private ownership.....do.	570,245	533,208	589,339	804,970	729,859	642,078	630,316	530,314	494,605	819,229	996,381	958,960	917,199
Nonresidential buildings:													
Projects.....number	4,578	4,384	4,318	4,186	4,528	3,518	3,293	2,882	3,017	4,373	4,998	5,204	5,090
Floor area.....thous. of sq. ft.	32,961	33,283	25,746	32,448	32,004	25,495	28,345	22,297	24,790	37,539	43,071	40,482	45,254
Valuation.....thous. of dol.	335,961	350,282	278,031	345,023	357,085	266,103	303,205	235,294	265,567	500,658	448,619	408,543	443,996
Residential buildings:													
Projects.....number	29,949	25,570	31,079	40,342	37,289	35,224	29,918	27,229	31,650	47,547	52,568	57,843	52,989
Floor area.....thous. of sq. ft.	45,804	42,950	48,146	65,715	60,801	53,262	49,481	42,078	46,235	71,543	84,964	84,937	77,850
Valuation.....thous. of dol.	370,752	340,893	393,434	525,572	506,702	435,235	419,051	343,501	361,452	574,681	674,836	674,604	628,051
Public works:													
Projects.....number	2,197	2,142	1,892	1,947	1,566	1,032	1,185	643	805	1,202	1,608	1,807	2,156
Valuation.....thous. of dol.	175,861	207,130	173,714	171,576	128,860	125,891	134,384	86,300	120,178	184,081	177,334	199,239	221,654
Utilities:													
Projects.....number	479	483	373	450	399	358	308	235	243	372	442	451	423
Valuation.....thous. of dol.	63,102	45,555	60,569	51,553	75,104	130,532	72,390	65,760	32,333	40,781	49,707	65,217	51,762
Value of contract awards (F. R. indexes):													
Total, unadjusted.....1923-25=100	226	228	238	247	251	240	213	198	228	279	325	* 329	331
Residential, unadjusted.....do.	194	202	226	254	200	245	217	203	232	292	348	* 358	349
Total, adjusted.....do.	195	209	229	246	203	265	262	242	263	275	284	* 274	287
Residential, adjusted.....do.	176	200	228	254	209	256	255	245	260	278	298	* 303	317
Engineering construction:													
Contract awards (E. N. R.)§.....thous. of dol.	896,128	619,442	781,416	810,309	553,482	589,224	863,561	915,475	686,221	993,453	885,044	981,153	1,253,720
Highway concrete pavement contract awards:¶													
Total.....thous. of sq. yd.	7,966	5,035	5,224	3,927	2,648	3,329	13,040	3,396	2,322	5,369	5,032	7,094	8,351
Airports.....do.	787	95	89	208	487	498	1,55	310	81	51	425	460	580
Roads.....do.	4,792	2,950	2,854	2,154	1,037	939	11,907	1,952	1,369	2,684	2,126	3,457	4,604
Streets and alleys.....do.	2,387	1,990	2,281	1,565	1,124	1,891	11,078	1,134	872	2,635	2,481	3,177	3,167
NEW DWELLING UNITS AND URBAN BUILDING													
New permanent nonfarm dwelling units started (U. S. Department of Labor).....number	95,500	96,100	99,000	102,900	104,300	95,500	78,300	78,700	82,900	117,300	125,000	140,000	142,000
Urban building authorized (U. S. Dept. of Labor):													
New urban dwelling units, total.....number	58,899	51,655	58,636	64,580	59,574	54,394	44,736	* 50,444	* 53,318	80,543	* 82,973	* 91,839	83,676
Privately financed, total.....do.	55,454	48,501	57,093	62,434	57,320	52,357	43,365	* 49,576	* 53,141	79,408	* 81,207	* 88,567	83,146
Units in 1-family structures.....do.	36,985	34,324	40,382	43,982	41,794	41,562	31,327	* 36,026	* 40,234	59,785	* 63,478	* 69,530	66,792
Units in 2-family structures.....do.	2,131	1,765	2,282	2,196	2,747	2,095	1,996	2,286	2,375	4,209	* 3,203	* 3,853	2,946
Units in multifamily structures.....do.	16,338	12,412	14,429	16,256	12,779	8,700	10,042	11,264	10,532	15,414	* 14,526	* 15,364	13,408
Publicly financed, total.....do.	3,445	3,154	1,543	2,146	2,254	2,037	1,371	863	1,177	1,135	1,769	* 3,272	530
Indexes of urban building authorized:													
Number of new dwelling units.....1935-39=100	338.5	295.3	337.7	377.3	343.5	313.7	257.5	288.3	305.6	464.5	477.7	529.6	-----
Valuation of building, total.....do.	427.5	342.3	390.8	412.6	387.8	354.2	319.7	319.1	327.1	488.9	526.3	602.8	-----
New residential building.....do.	578.3	495.9	570.4	637.5	592.8	556.0	433.4	484.9	529.8	837.4	885.2	1,045.3	-----
New nonresidential building.....do.	334.8	234.0	287.5	278.2	253.0	233.7	273.8	214.5	201.4	285.4	306.3	325.5	-----
Additions, alterations, and repairs.....do.	329.0	277.7	306.9	279.0	276.5	213.8	184.2	217.8	198.1	285.6	290.4	332.5	-----
CONSTRUCTION COST INDEXES													
Aberthaw (industrial building).....1914=100	313	-----	-----	307	-----	-----	307	-----	-----	305	-----	-----	311
American Appraisal Company:													
Average, 30 cities.....1913=100	489	488	486	485	484	484	483	486	486	486	488	490	496
Atlanta.....do.	510	509	506	503	505	503	503	506	506	508	511	511	518
New York.....do.	501	497	495	493	492	493	493	495	495	495	497	497	504
San Francisco.....do.	445	445	446	443	442	442	442	444	443	444	447	452	459
St. Louis.....do.	477	477	474	471	471	471	471	474	474	474	476	476	485
Associated General Contractors (all types).....do.	343	343	342	343	345	345	345	345	346	346	346	346	349
E. H. Boehk and Associates, Inc.:													
Average, 20 cities:													
Apartments, hotels, and office buildings:													
Brick and concrete.....U. S. avg. cost 1926-29=100	208.2	206.5	207.1	207.4	207.9	208.3	208.6	209.1	210.1	210.7	211.3	214.4	215.6
Brick and steel.....do.	208.1	206.2	206.1	207.3	207.2	207.5	207.9	208.6	210.1	210.8	211.3	214.5	215.8
Brick and wood.....do.	214.6	210.8	210.0	211.1	212.9	213.7	213.4	213.9	215.8	217.3	218.1	224.4	227.2
Commercial and factory buildings:													
Brick and concrete.....do.	211.1	210.2	210.6	210.7	211.1	211.4	211.6	212.0	212.7	213.3	214.0	217.1	218.3
Brick and steel.....do.	208.3	207.1	207.3	207.6	208.4	208.7	208.9	210.0	210.9	211.6	212.1	215.7	216.9
Brick and wood.....do.	211.3	208.6	208.2	208.9	210.1	210.9	210.9	211.1	212.6	213.7	214.4	219.8	222.4
Frame.....do.	218.2	212.6	211.3	212.7	215.2	216.3	215.6	215.9	218.6	220.7	221.7	229.1	232.5
Steel.....do.	195.1	194.1	194.4	194.4	194.4	194.6	194.9	197.7	198.5	198.8	199.2	201.7	202.3
Residences:													
Brick.....do.	215.4	211.4	210.6	211.7	213.4	214.0	213.8	214.2	216.1	217.6	218.5	224.9	227.7
Frame.....do.	213.6	208.7	207.6	208.9	210.8	211.6	211.2	211.6	214.0	215.8	216.7	223.7	226.7

* Revised. † Data include some contracts awarded in prior months but not reported.

‡ Revised series. Data cover items not previously included; annual data beginning 1915 and monthly data beginning 1939 are available in the "Statistical Supplement" to the May 1950 Construction and Construction Materials Report.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
CONSTRUCTION AND REAL ESTATE—Continued													
CONSTRUCTION COST INDEXES—Con.													
Engineering News-Record: ♂													
Building..... 1913=100	349.4	350.9	352.0	353.0	352.9	353.2	356.2	356.5	360.0	362.8	364.3	373.0	376.9
Construction..... do	477.5	478.2	479.8	480.5	480.0	480.3	484.7	484.9	488.4	491.9	496.6	506.5	511.9
Bu. of Public Roads—Highway construction:													
Composite, standard mile..... 1925-29=100	155.5			148.7			145.3			140.7			140.0
CONSTRUCTION MATERIALS													
Production of selected construction materials, index:													
Unadjusted..... 1939=100	135.3	123.8	146.8	148.9	140.8	142.8	135.9	120.8	117.3	140.1	147.8	p 167.0	
Adjusted..... do	126.4	116.4	129.7	138.5	127.1	144.1	153.7	141.5	142.2	148.3	148.7	p 157.8	
REAL ESTATE													
Home mortgages insured by Fed. Hous. Admin.:													
New premium paying mortgages..... thous. of dol.	168,527	154,576	186,312	173,970	198,235	199,841	211,758	232,950	206,681	210,919	172,453	178,000	182,568
Loans outstanding of agencies under the Home Loan Bank Board:													
Federal Home Loan Banks, outstanding advances to member institutions..... mil. of dol.	358	332	331	333	347	371	427	360	331	315	331	360	437
Home Owners' Loan Corporation, balance of loans outstanding..... mil. of dol.	319			291			231			148			
New mortgage loans of all savings and loan associations, estimated total..... thous. of dol.	326,637	304,343	348,276	354,194	353,909	343,260	342,028	300,906	325,224	414,783	422,553	490,324	527,967
By purpose of loan:													
Home construction..... do	97,963	90,397	101,022	108,280	102,151	105,784	112,463	94,916	107,335	143,950	151,627	180,762	189,363
Home purchase..... do	141,674	128,657	149,867	155,915	159,050	150,877	141,059	124,265	128,398	161,952	168,381	197,761	223,617
Refinancing..... do	31,838	29,026	34,443	33,188	31,814	33,441	33,358	32,041	32,573	39,717	35,683	39,517	42,092
Repairs and reconditioning..... do	17,714	16,732	19,510	18,362	17,796	15,735	14,384	11,584	13,766	17,895	26,014	22,890	22,461
All other purposes..... do	37,445	39,531	43,434	38,449	43,098	37,423	40,764	38,100	43,212	51,269	46,848	49,394	50,433
New nonfarm mortgages recorded (\$20,000 and under), estimated total..... thous. of dol.	1,018,427	967,440	1,068,813	1,065,431	1,117,212	1,114,041	1,125,200	1,024,000	1,003,090	1,221,644	1,171,148	1,377,918	1,465,469
Nonfarm foreclosures, adjusted index..... 1935-39=100	10.9	11.8	12.8	11.9	12.8	11.8	13.8	14.1	14.5	15.3			
Fire losses..... thous. of dol.	51,737	49,592	50,150	49,678	48,914	53,116	67,279	58,823	58,340	72,468	61,605	58,765	57,116

DOMESTIC TRADE

ADVERTISING													
Advertising indexes, adjusted:													
Printers' Ink, combined index..... 1935-39=100	302	276	270	292	306	305	294	329	315	319	323	331	353
Magazines..... do	314	284	297	301	294	308	291	326	330	328	327	324	321
Newspapers..... do	286	264	252	286	305	291	286	330	297	307	317	325	320
Outdoor..... do	296	274	284	299	323	320	292	334	328	318	296	290	328
Radio..... do	305	252	256	278	289	287	287	300	288	291	288	294	294
Tide advertising index..... do	283.2	257.6	272.2	293.2	284.5	274.1	256.2	288.3	310.3	314.3	309.5	311.7	309.9
Radio advertising:													
Cost of facilities, total..... thous. of dol.	15,425	12,085	12,160	14,083	16,423	15,855	16,409	17,092	15,391	16,851	r 15,918	16,584	
Apparel and accessories..... do	75	89	71	96	117	101	118	109	101	120	169	171	
Automotive, incl. accessories..... do	663	332	335	404	486	463	447	720	498	407	614	411	
Drugs and toiletries..... do	4,285	3,473	3,544	3,829	4,494	4,381	4,400	4,544	4,091	4,564	r 4,116	4,437	
Electric household equipment..... do	644	222	208	247	189	198	218	198	181	180	145	167	
Financial..... do	336	318	287	298	282	278	296	284	260	256	216	238	
Foods, soft drinks, confectionery..... do	4,127	2,994	3,073	4,006	4,597	4,463	4,741	4,735	4,326	4,848	4,347	4,755	
Gasoline and oil..... do	408	379	376	377	416	407	463	452	409	454	370	409	
Household furnishings, etc..... do	158	148	103	112	128	139	152	114	102	102	124	196	
Soap, cleansers, etc..... do	1,698	1,148	1,255	1,467	1,547	1,583	1,615	1,754	1,639	1,864	1,813	1,949	
Smoking materials..... do	1,966	1,844	1,743	1,782	2,126	2,089	2,215	2,165	1,969	2,215	2,068	2,101	
All other..... do	1,067	1,139	1,165	1,465	2,041	1,753	1,744	2,016	1,785	1,842	1,936	1,750	
Magazine advertising: †													
Cost, total..... do	40,642	28,582	31,495	41,729	51,213	45,882	36,921	29,184	39,689	47,081	52,148	50,310	
Apparel and accessories..... do	3,185	771	3,456	5,273	4,919	3,813	2,632	1,517	2,706	4,857	4,457	4,237	
Automotive, incl. accessories..... do	3,856	3,481	3,330	3,400	4,216	3,438	2,684	2,610	3,347	3,934	4,054	4,226	
Building materials§..... do	1,774	956	917	1,789	2,001	1,346	539	739	1,177	1,958	2,675	2,499	
Drugs and toiletries..... do	5,162	4,538	4,284	5,093	6,397	6,020	4,690	4,470	5,863	6,277	6,485	5,693	
Foods, soft drinks, confectionery..... do	5,678	4,938	4,812	5,665	7,568	6,693	5,271	4,951	6,891	6,338	7,149	6,582	
Beer, wine, liquors§..... do	2,215	1,755	1,614	2,002	2,815	2,790	3,469	1,738	2,139	2,381	2,416	2,364	
Household equipment and supplies§..... do	2,970	1,318	1,025	2,129	3,326	2,866	2,502	739	1,732	3,252	4,337	4,515	
Household furnishings§..... do	1,712	489	956	2,633	3,389	2,827	1,360	782	1,358	2,359	3,361	3,282	
Industrial materials§..... do	1,996	1,456	1,286	1,822	2,133	1,829	1,490	1,259	1,672	2,184	2,341	2,320	
Soaps, cleansers, etc..... do	1,098	833	1,040	1,441	1,606	1,295	698	673	1,081	1,189	1,232	1,238	
Smoking materials..... do	1,345	1,191	1,348	1,252	1,634	1,416	1,456	1,201	1,129	1,206	1,336	1,327	
All other..... do	9,651	6,858	7,447	9,139	11,208	11,549	10,130	8,505	10,594	11,147	12,304	12,028	
Linage, total..... thous. of lines	2,814	2,854	3,494	3,921	4,464	3,645	2,838	3,261	3,868	4,270	4,482	3,853	2,974
Newspaper advertising:													
Linage, total (52 cities)..... do	193,287	164,040	170,504	197,858	214,935	207,909	207,865	168,921	170,738	213,488	215,753	220,211	209,093
Classified..... do	41,476	40,082	40,713	40,050	42,295	38,306	36,061	37,157	35,362	41,139	43,326	45,576	44,776
Display, total..... do	151,811	123,959	129,791	157,808	172,640	169,603	171,805	131,764	135,376	172,350	172,427	174,636	164,317
Automotive..... do	9,265	8,115	8,887	8,224	10,033	9,891	7,300	10,014	7,668	9,240	11,290	12,441	11,410
Financial..... do	2,039	2,252	1,609	1,752	2,140	2,337	2,139	3,237	1,911	2,355	2,316	2,469	2,237
General..... do	31,045	24,534	21,879	29,796	38,417	33,689	26,337	23,730	29,473	35,691	35,645	36,560	33,876
Retail..... do	109,462	89,057	97,416	118,066	122,051	123,686	135,999	94,783	96,324	125,064	123,176	123,166	116,795

♂ Revised. † Preliminary.
 ♂ Data, reported at the beginning of each month, are shown here for the previous month. † Revisions for 1944–November 1948 are shown on p. 21 of the May 1950 SURVEY.
 § Comparable data on magazine advertising cost (Publishers' Information Bureau, Inc.) are available back to January 1948 only. Beginning with the October 1949 SURVEY, five new components are shown (marked with "§"); the total of the two components "household equipment, etc." and "household furnishings" covers all items formerly included in "electric household equipment" and "household furnishings, etc." Data for January–July 1948 for the new components are available upon request.
 ¶ See note marked "†" above.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
DOMESTIC TRADE—Continued													
POSTAL BUSINESS													
Money orders:													
Domestic, issued (50 cities):													
Number.....thousands.....	4,743	4,041	3,967	4,175	4,557	4,409	4,844	4,531	4,961	5,237	4,932	4,543	4,258
Value.....thous. of dol.....	84,583	81,320	85,093	83,785	88,798	83,938	90,046	89,403	88,510	107,778	92,858	90,363	84,983
Domestic, paid (50 cities):													
Number.....thousands.....	14,711	12,822	13,749	13,592	14,005	14,397	15,096	14,463	12,694	15,973	13,354	14,055	13,960
Value.....thous. of dol.....	207,673	185,481	203,946	201,534	207,377	205,209	209,721	190,987	181,523	225,619	197,478	205,818	202,790
PERSONAL CONSUMPTION EXPENDITURES													
Seasonally adjusted quarterly totals at annual rates:†													
Goods and services, total.....bil. of dol.....	178.4			179.0				180.6			182.4		184.5
Durable goods, total.....do.....	23.0			24.7				25.3			26.9		26.7
Automobiles and parts.....do.....	9.1			10.2				10.4			10.8		11.0
Furniture and household equipment.....do.....	10.1			11.0				11.3			12.5		12.1
Other durable goods.....do.....	3.7			3.6				3.7			3.6		3.6
Nondurable goods, total.....do.....	99.2			97.6				97.9			97.5		99.0
Clothing and shoes.....do.....	19.1			18.0				18.1			17.7		18.4
Food and alcoholic beverages.....do.....	58.7			58.4				58.3			58.3		59.0
Gasoline and oil.....do.....	4.7			4.7				4.8			4.9		4.8
Semidurable housefurnishings.....do.....	1.9			1.8				1.8			1.9		1.8
Tobacco.....do.....	4.3			4.3				4.3			4.3		4.2
Other nondurable goods.....do.....	10.6			10.4				10.5			10.5		10.6
Services.....do.....	56.2			56.6				57.4			58.0		58.8
Household operation.....do.....	8.2			8.3				8.5			8.8		9.0
Housing.....do.....	17.1			17.3				17.6			17.9		18.1
Personal service.....do.....	3.8			3.7				3.7			3.7		3.7
Recreation.....do.....	3.9			4.0				3.9			3.8		3.9
Transportation.....do.....	5.1			5.1				5.1			5.1		5.0
Other services.....do.....	18.2			18.3				18.6			18.8		19.1
RETAIL TRADE													
All types of retail stores: †													
Estimated sales (unadjusted), total ¢.....mil. of dol.....	10,809	10,210	10,630	10,998	11,125	10,872	12,846	9,522	9,281	11,062	11,072	11,654	11,960
Durable-goods stores †.....do.....	3,601	3,370	3,631	3,526	3,596	3,348	3,378	3,061	3,054	3,736	3,758	4,200	4,516
Automotive group †.....do.....	2,093	2,026	2,165	2,006	2,011	1,794	1,588	1,907	1,889	2,316	2,250	2,461	2,698
Motor-vehicle dealers †.....do.....	1,945	1,880	2,019	1,872	1,868	1,650	1,419	1,799	1,783	2,180	2,110	2,284	2,521
Parts and accessories †.....do.....	148	146	145	134	143	144	170	108	107	136	140	167	177
Building materials and hardware group †.....do.....	874	788	851	880	898	835	780	619	605	779	881	1,061	1,134
Building materials †.....do.....	544	486	563	591	606	569	475	414	400	509	569	715	770
Farm implements.....do.....	139	128	121	114	116	100	85	78	79	118	141	145	159
Hardware †.....do.....	192	173	167	174	176	167	220	127	125	152	171	201	205
Homefurnishings group †.....do.....	543	490	541	564	603	621	776	472	466	574	554	597	595
Furniture and housefurnishings †.....do.....	320	274	307	316	333	350	424	259	267	316	311	354	345
Household appliances and radios †.....do.....	223	216	234	247	270	271	352	212	229	258	243	244	251
Jewelry stores †.....do.....	91	66	75	77	84	97	233	64	65	66	72	81	89
Nondurable-goods stores †.....do.....	7,208	6,839	6,998	7,472	7,529	7,524	9,468	6,462	6,227	7,326	7,314	7,454	7,444
Apparel group †.....do.....	736	530	563	788	806	835	1,208	606	536	762	812	756	748
Men's clothing and furnishings †.....do.....	192	132	118	171	186	209	345	165	131	169	179	173	195
Women's apparel and accessories.....do.....	315	226	268	373	385	390	507	261	242	361	374	349	317
Family and other apparel †.....do.....	97	73	78	107	112	121	187	86	75	104	110	104	101
Shoes.....do.....	132	98	99	136	122	115	168	94	88	128	149	130	134
Drug stores.....do.....	297	296	293	288	295	286	384	286	272	298	291	296	299
Eating and drinking places †.....do.....	932	945	972	958	961	895	954	875	798	894	893	928	936
Food group †.....do.....	2,491	2,574	2,518	2,566	2,563	2,484	2,823	2,336	2,300	2,575	2,529	2,561	2,592
Grocery and combination †.....do.....	1,973	2,056	1,997	2,036	2,040	1,978	2,272	1,855	1,851	2,074	2,047	2,054	2,091
Other food †.....do.....	518	518	521	529	522	506	551	480	449	501	482	507	501
Filling stations.....do.....	552	573	563	551	567	533	540	487	453	512	523	573	581
General-merchandise group †.....do.....	1,270	1,058	1,190	1,347	1,377	1,504	2,264	986	980	1,241	1,297	1,338	1,320
Department, including mail-order †.....do.....	836	656	783	913	929	1,040	1,500	654	647	844	857	893	875
General, including general merchandise with food.....mil. of dol.....	154	149	144	146	145	143	178	112	109	128	141	155	155
Dry goods and other general merchandise †.....mil. of dol.....	123	103	107	125	130	136	209	92	89	113	124	129	128
Variety.....do.....	157	151	156	162	173	184	377	128	135	156	175	162	162
Other retail stores †.....do.....	930	863	899	974	960	988	1,206	885	888	1,044	968	1,001	968
Liquor †.....do.....	130	130	126	138	148	157	258	125	123	139	135	134	131
Other †.....do.....	800	733	774	836	812	832	1,037	760	766	905	833	867	837
Estimated sales (adjusted), total.....do.....	10,684	10,549	10,669	10,856	10,678	10,630	10,503	10,855	11,101	11,125	11,080	11,327	11,700
Durable-goods stores.....do.....	3,346	3,333	3,480	3,504	3,551	3,334	3,145	3,558	3,742	3,734	3,679	3,886	4,181
Automotive group.....do.....	1,933	1,949	2,081	2,074	2,094	1,867	1,675	2,077	2,206	2,187	2,130	2,262	2,485
Motor-vehicle dealers.....do.....	1,798	1,813	1,947	1,942	1,955	1,729	1,534	1,941	2,061	2,038	1,982	2,105	2,325
Parts and accessories.....do.....	135	136	134	132	139	138	141	136	144	149	148	157	160
Building materials and hardware group.....mil. of dol.....	792	766	783	796	781	798	798	800	828	851	880	969	1,027
Building materials.....do.....	496	473	501	515	507	532	524	531	553	572	592	666	703
Hardware.....do.....	177	177	165	168	166	165	173	167	168	164	166	176	189
Homefurnishings group.....do.....	528	533	529	546	583	579	589	592	616	608	576	569	577
Furniture and housefurnishings.....do.....	306	306	299	302	318	318	334	336	337	337	317	323	330
Household appliances and radios.....do.....	222	227	230	244	265	261	255	255	278	271	259	247	248
Jewelry stores.....do.....	93	85	87	88	93	90	83	89	93	89	93	87	92

† Revised.

‡ Revised series. Estimates of personal consumption expenditures have been revised beginning 1946; revised figures for the grand total and for total durable and nondurable goods and services are shown as a component of gross national product on p. 31 of the July 1950 SURVEY; revised figures through the first quarter of 1949 for the subgroups will be shown later.

Dollar estimates of sales for all types of retail stores and for chain stores and mail-order houses have been revised for various periods back to 1943 and revisions from August 1948 forward are shown beginning with the October 1949 SURVEY; specific periods for which the series have been revised are as stated in the notes below. Also in the October 1949 SURVEY, adjusted dollar values for sales and inventories of all types of retail stores were substituted for the index numbers formerly shown; monthly data for 1946-48 for both the unadjusted and adjusted series appear on pp. 21-23 of that issue. Unpublished revisions are available upon request.

‡ Revised beginning 1943. § Revised beginning 1948. ¶ Revised beginning 1947. ○ Revised beginning 1945.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
DOMESTIC TRADE—Continued													
RETAIL TRADE—Continued													
All types of retail stores†—Continued													
Estimated sales (adjusted), total—Continued													
Nondurable-goods stores.....mil. of dol.	7,338	7,216	7,189	7,352	7,127	7,296	7,358	7,297	7,359	7,391	7,401	* 7,440	7,519
Apparel group.....do.	772	708	695	738	709	762	747	756	735	740	753	* 765	771
Men's clothing and furnishings.....do.	188	179	167	173	165	179	182	194	186	178	173	183	186
Women's apparel and accessories.....do.	355	315	314	337	334	360	342	331	319	328	350	349	351
Family and other apparel.....do.	107	99	97	104	99	104	104	107	104	105	107	108	109
Shoes.....do.	124	115	117	124	111	119	119	124	125	130	124	* 124	126
Drug stores.....do.	303	299	296	293	295	296	290	305	304	305	304	* 296	303
Eating and drinking places.....do.	923	926	915	916	904	900	937	917	930	912	915	* 906	929
Food group.....do.	2,527	2,500	2,502	2,540	2,465	2,539	2,519	2,511	2,563	2,599	2,551	2,578	2,604
Grocery and combination.....do.	2,009	1,989	1,989	2,032	1,964	2,027	2,024	1,994	2,052	2,092	2,058	2,071	2,107
Other food.....do.	518	511	513	508	501	512	495	517	511	506	492	* 507	496
Filling stations.....do.	526	526	528	534	535	536	538	541	548	540	534	* 546	553
General-merchandise group.....do.	1,336	1,304	1,317	1,342	1,274	1,297	1,356	1,304	1,298	1,282	1,330	* 1,344	1,376
Department, including mail-order.....do.	885	868	881	897	851	859	911	867	862	848	892	* 892	919
Other retail stores.....do.	951	936	936	989	945	966	971	965	982	1,012	1,014	* 1,006	984
Estimated inventories (adjusted), total.....do.	14,182	13,862	13,932	14,355	14,475	14,336	13,698	13,998	13,800	14,282	14,138	* 14,416	14,784
Durable-goods stores.....do.	5,357	5,289	5,333	5,580	5,725	5,548	5,112	5,352	5,163	5,259	5,258	* 5,437	5,615
Automotive group.....do.	1,914	1,917	2,051	2,222	2,317	2,116	1,740	1,973	1,776	1,696	1,622	* 1,763	1,958
Building materials and hardware group.....mil. of dol.	1,904	1,882	1,840	1,869	1,870	1,865	1,798	1,849	1,808	1,889	1,939	* 1,993	2,010
Homefurnishings group.....do.	1,086	1,039	993	1,047	1,112	1,130	1,117	1,071	1,124	1,197	1,232	* 1,217	1,183
Jewelry stores.....do.	453	451	449	442	426	437	447	459	455	477	465	* 464	464
Nondurable-goods stores.....do.	8,825	8,573	8,599	8,775	8,750	8,788	8,586	8,646	8,637	9,023	8,880	* 8,979	9,169
Apparel group.....do.	1,810	1,716	1,752	1,806	1,809	1,780	1,768	1,746	1,776	1,856	1,835	* 1,842	1,917
Drug stores.....do.	596	571	583	596	563	555	541	567	579	582	560	* 599	620
Eating and drinking places.....do.	423	402	398	411	396	411	416	392	399	420	396	* 393	391
Food group.....do.	1,630	1,543	1,529	1,552	1,550	1,496	1,444	1,489	1,504	1,595	1,515	* 1,568	1,622
Filling stations.....do.	347	347	324	327	301	287	277	270	285	315	310	* 332	397
General-merchandise group.....do.	2,733	2,646	2,675	2,767	2,843	2,943	2,893	2,943	2,955	3,015	2,956	* 2,916	2,856
Other retail stores.....do.	1,386	1,348	1,338	1,316	1,288	1,316	1,247	1,239	1,139	1,240	1,308	* 1,329	1,366
Chain stores and mail-order houses:†													
Sales, estimated, total.....do.	2,226	2,095	2,144	2,307	2,358	2,339	3,068	1,872	1,887	2,267	2,331	* 2,359	2,371
Apparel group.....do.	235	176	180	249	239	236	358	162	159	243	263	* 238	234
Men's wear.....do.	38	22	21	40	38	43	65	30	25	39	38	* 34	38
Women's wear.....do.	108	88	93	117	119	113	168	73	76	119	124	* 116	108
Shoes.....do.	70	52	52	71	62	59	96	45	45	65	79	* 68	70
Automotive parts and accessories.....do.	47	49	47	41	44	43	64	31	32	42	42	* 53	54
Building materials.....do.	99	87	102	112	113	99	78	70	63	75	88	* 109	122
Drug.....do.	66	69	66	64	67	63	94	63	61	66	65	* 64	65
Eating and drinking places.....do.	51	52	53	60	51	49	52	50	45	50	50	* 52	50
Furniture and housefurnishings.....do.	25	23	26	26	29	29	40	20	21	25	24	* 28	27
General-merchandise group.....do.	573	501	562	622	637	669	1,041	415	431	546	598	* 610	613
Department, dry goods, and general merchandise.....mil. of dol.	347	300	330	369	381	378	570	223	235	311	360	* 377	380
Mail-order (catalog sales).....do.	82	62	90	105	100	126	140	71	73	94	80	* 86	85
Variety.....do.	132	127	132	137	145	155	317	108	114	131	147	* 136	137
Grocery and combination.....do.	773	797	754	778	812	789	906	737	755	849	845	* 833	827
Indexes of sales:†													
Unadjusted, combined index 1935-39=100.....do.	300.5	274.7	281.0	314.9	306.0	321.5	389.7	258.9	272.0	295.3	311.6	* 314.1	317.7
Adjusted, combined index.....do.	300.9	296.7	300.5	306.9	294.0	301.0	302.5	299.8	306.1	308.1	309.4	* 313.0	316.2
Apparel group.....do.	304.3	284.9	291.0	313.0	283.7	297.8	301.0	299.8	293.6	301.4	305.1	* 304.1	301.4
Men's wear.....do.	271.3	250.1	245.1	291.9	228.5	264.7	282.3	280.8	251.1	250.7	252.0	* 263.6	266.4
Women's wear.....do.	392.5	368.8	374.9	396.6	387.8	390.5	383.0	377.4	371.3	389.7	400.9	* 390.6	390.1
Shoes.....do.	235.7	220.9	232.5	240.6	210.6	224.8	231.1	236.5	241.8	244.0	240.2	* 239.8	237.0
Automotive parts and accessories.....do.	235.2	248.0	238.2	222.5	244.0	223.9	258.8	257.6	266.7	264.0	256.0	* 264.6	271.7
Building materials.....do.	325.6	306.6	321.8	340.5	336.3	351.8	345.5	340.1	336.0	331.1	330.8	* 365.2	400.0
Drug.....do.	225.3	233.8	233.9	222.4	220.0	215.7	218.1	220.9	220.7	221.3	224.6	* 215.9	215.4
Eating and drinking places.....do.	231.8	221.2	224.9	214.5	211.8	210.7	209.0	214.8	212.4	209.3	217.5	* 222.4	220.9
Furniture and housefurnishings.....do.	231.8	244.2	242.5	220.4	248.7	229.3	244.9	256.5	251.5	236.9	240.6	* 244.4	248.5
General-merchandise group.....do.	293.1	285.6	294.5	299.3	272.5	286.9	295.4	290.3	297.0	291.8	293.0	* 300.5	306.6
Department, dry goods, and general merchandise.....1935-39=100.....do.	356.3	344.0	358.4	363.8	328.5	342.2	346.7	350.1	363.8	354.5	361.9	* 370.4	380.0
Mail-order.....do.	258.7	256.7	262.9	261.8	232.3	255.8	269.4	245.2	248.4	251.9	237.9	* 252.5	265.9
Variety.....do.	218.0	215.0	217.9	225.6	212.1	223.1	235.4	228.1	226.4	222.3	222.4	* 224.3	224.0
Grocery and combination.....do.	358.4	358.0	360.8	368.1	358.8	365.6	361.9	356.0	368.3	377.3	378.8	* 379.1	379.2
Department stores:													
Accounts, collections, and sales by type of payment:													
Accounts receivable, end of month:													
Charge accounts.....1941 average=100.....do.	187	163	161	182	191	213	285	222	191	185	190	* 194	194
Instalment accounts.....do.	152	151	155	165	175	189	214	209	207	209	212	* 217	218
Ratio of collections to accounts receivable:													
Charge accounts.....percent.....do.	53	49	51	52	53	54	52	49	47	53	50	* 52	51
Instalment accounts.....do.	21	19	21	20	20	20	20	18	17	19	17	* 18	17
Sales by type of payment:													
Cash sales.....percent of total sales.....do.	51	52	50	49	48	48	50	49	48	48	49	* 48	48
Charge account sales.....do.	42	39	40	42	42	43	42	42	42	42	42	* 43	43
Instalment sales.....do.	7	9	10	9	10	9	8	9	10	10	9	* 9	9
Sales, unadjusted, total U. S.....1935-39=100.....do.	268	218	238	299	293	339	481	216	224	257	285	* 286	281
Atlanta.....do.	323	294	324	381	395	425	642	285	322	359	389	* 378	345
Boston.....do.	232	155	173	248	234	292	418	185	177	207	241	* 228	230
Chicago.....do.	262	212	229	296	271	324	438	205	204	241	269	* 280	278
Cleveland.....do.	265	214	234	282	274	332	465	215	217	256	290	* 296	281
Dallas.....do.	* 330	310	333	404	414	442	662	313	327	362	393	* 391	353
Kansas City.....do.	284	249	275	328	325	347	505	228	244	277	* 304	* 296	276
Minneapolis.....do.	255	211	242	307	314	310	438	188	210	229	278	* 273	276
New York.....do.	* 228	155	171	243	243	293	401	183	183	208	225	* 221	230
Philadelphia.....do.	256	188	201	280	279	355	472	207	207	255	276	* 275	271
Richmond.....do.	* 289	236	243	328	314	378	541	218	234	283	313	* 315	

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
DOMESTIC TRADE—Continued													
RETAIL TRADE—Continued													
Department stores—Continued													
Sales, adjusted, total U. S. †	285	280	283	289	276	277	293	282	280	274	292	290	298
Atlanta †	368	377	360	367	376	367	382	376	383	374	397	390	392
Boston	242	227	234	241	211	234	239	244	229	216	244	231	240
Chicago †	262	258	276	282	258	262	281	274	262	265	269	277	278
Cleveland †	281	274	269	279	259	266	283	290	271	270	299	299	299
Dallas †	384	387	374	374	387	371	404	396	409	389	401	403	410
Kansas City †	309	304	299	312	301	299	322	300	301	298	307	309	322
Minneapolis †	266	261	269	276	278	267	293	246	284	250	277	268	287
New York †	240	222	234	238	223	227	237	229	230	217	235	226	242
Philadelphia †	269	261	268	277	260	267	276	262	276	262	281	270	285
Richmond †	313	326	304	306	295	305	311	300	299	288	323	320	332
St. Louis	314	325	326	332	309	300	330	282	300	297	319	330	326
San Francisco †	335	329	333	326	337	319	339	316	323	321	333	336	342
Stocks, total U. S., end of month: †													
Unadjusted	256	245	254	274	297	305	244	244	267	290	294	289	267
Adjusted	266	256	253	263	270	273	271	272	279	285	286	285	276
Mail-order and store sales:													
Total sales, 2 companies	284,289	240,126	280,233	316,387	315,329	327,785	434,472	202,617	206,104	268,483	291,580	311,492	317,043
Montgomery Ward & Co.	90,678	77,005	95,517	106,735	112,398	115,727	150,420	61,458	63,805	85,639	94,751	97,705	96,389
Sears, Roebuck & Co.	193,611	163,121	184,716	209,652	202,931	212,058	284,053	141,160	142,299	182,845	196,829	213,787	220,654
Rural sales of general merchandise:													
Total U. S., unadjusted	260.1	209.1	263.5	317.3	318.4	369.4	442.1	212.7	229.0	258.7	264.8	257.6	271.1
East	244.1	183.1	235.9	285.3	278.7	371.7	408.2	191.8	207.9	246.5	249.0	239.8	259.6
South	273.1	228.2	289.4	354.6	384.0	445.2	484.4	241.6	270.7	290.2	287.0	273.8	283.4
Middle West	251.5	202.9	250.3	305.1	297.6	345.5	417.1	203.0	208.4	247.9	248.4	247.5	261.7
Far West	300.0	249.9	305.4	338.4	352.1	363.6	509.9	231.1	237.5	269.2	290.9	278.4	315.9
Total U. S., adjusted	293.2	283.7	287.4	286.9	266.2	285.0	312.2	281.0	273.6	273.2	276.7	287.2	305.6
East	281.2	274.1	269.0	275.1	232.2	266.1	282.5	253.0	242.3	246.5	250.5	267.0	299.1
South	333.5	326.5	322.3	311.6	300.5	325.4	350.3	302.0	294.2	305.5	312.6	330.3	346.0
Middle West	274.6	271.6	270.3	283.6	253.3	262.9	281.1	270.7	260.5	260.9	279.3	285.7	346.0
Far West	331.5	306.2	313.2	295.8	313.3	290.0	325.2	314.0	317.9	299.1	311.1	310.7	349.1
WHOLESALE TRADE													
Service and limited-function wholesalers: †													
Sales, estimated (unadj.), total	5,247	4,856	5,551	5,851	5,769	5,904	5,685	5,165	5,035	5,715	5,113	5,599	5,751
Durable-goods establishments	1,735	1,525	1,737	1,843	1,842	1,762	1,688	1,457	1,583	1,882	1,816	2,052	2,149
Nondurable-goods establishments	3,512	3,331	3,814	4,008	3,927	4,142	3,997	3,708	3,452	3,833	3,297	3,547	3,602
Inventories, estimated (unadj.), total	6,854	6,839	6,873	7,002	7,007	7,019	6,888	6,983	7,054	7,216	7,258	7,267	7,414
Durable-goods establishments	3,092	2,970	2,848	2,820	2,736	2,733	2,757	2,849	2,908	3,022	3,094	3,153	3,171
Nondurable-goods establishments	3,762	3,869	4,025	4,182	4,271	4,286	4,131	4,134	4,146	4,194	4,164	4,114	4,243

EMPLOYMENT AND POPULATION

POPULATION													
Population, continental United States: †													
Total, including armed forces	149,014	149,215	149,452	149,703	149,947	150,183	150,397	150,604	150,808	150,998	151,188	151,358	151,543
Civilian population	147,546	147,752	147,983	148,244	148,502	148,747	148,966	149,196	149,442	149,653	149,859	150,037	150,232
EMPLOYMENT													
Employment status of noninstitutional population:													
Estimated number 14 years of age and over, total	109,547	109,664	109,760	109,860	109,975	110,063	110,169	110,256	110,344	110,442	110,536	110,608	110,703
Male	53,837	53,898	53,939	53,984	54,036	54,075	54,121	54,160	54,196	54,238	54,279	54,308	54,350
Female	55,710	55,766	55,821	55,876	55,939	55,988	56,045	56,096	56,148	56,204	56,257	56,300	56,353
Total labor force, including armed forces	64,866	65,278	65,105	64,222	64,021	64,363	63,475	62,835	63,003	63,021	63,513	64,108	66,177
Armed forces	1,468	1,463	1,468	1,459	1,445	1,436	1,430	1,408	1,366	1,346	1,330	1,320	1,311
Civilian labor force, total	63,398	63,815	63,637	62,763	62,576	62,927	62,045	61,427	61,637	61,675	62,183	62,788	64,866
Male	44,832	45,267	45,163	44,319	43,988	44,099	43,765	43,715	43,769	43,879	44,120	44,316	45,429
Female	18,566	18,548	18,474	18,444	18,588	18,828	18,280	17,712	17,868	17,796	18,063	18,472	19,437
Employed	59,619	59,720	59,947	59,911	59,001	59,518	58,556	56,947	56,953	57,551	58,668	59,731	61,482
Male	42,233	42,422	42,644	42,085	41,426	41,783	41,293	40,453	40,343	40,877	41,492	42,186	43,229
Female	17,386	17,298	17,303	17,326	17,575	17,735	17,263	16,494	16,610	16,674	17,176	17,545	18,253
Agricultural employment	9,696	9,647	8,507	8,158	7,710	7,878	6,773	6,198	6,223	6,675	7,195	8,062	9,046
Nonagricultural employment	49,924	50,073	51,441	51,254	51,290	51,640	51,783	50,749	50,730	50,877	51,473	51,669	52,436
Unemployed	3,778	4,095	3,689	3,351	3,576	3,409	3,489	4,480	4,684	4,123	3,515	3,057	3,384
Not in labor force	44,683	44,385	44,655	45,638	45,953	45,701	46,694	47,420	47,342	47,422	47,024	46,500	44,526
Employees in nonagricultural establishments: †													
Total, unadjusted (U. S. Dept. of Labor)	42,835	42,573	42,994	43,466	42,601	42,784	43,694	42,125	41,661	42,295	42,913	43,312	43,865
Manufacturing	13,884	13,757	14,114	14,312	13,892	13,807	14,033	13,980	13,997	14,103	14,167	14,416	14,645
Durable-goods industries	7,392	7,255	7,302	7,409	6,986	7,050	7,303	7,342	7,324	7,418	7,554	7,811	7,961
Nondurable-goods industries	6,492	6,502	6,812	6,903	6,906	6,757	6,728	6,638	6,673	6,685	6,613	6,605	6,684
Mining, total	968	943	956	948	937	917	930	861	895	938	938	938	941
Metal	100	95	94	92	65	83	92	91	91	92	92	94	95
Anthracite	77	76	76	76	76	77	76	76	76	77	77	76	76
Bituminous coal	431	410	425	421	100	407	425	354	89	430	425	419	417
Crude-petroleum and natural-gas production	262	264	263	261	256	255	253	251	250	249	252	252	252
Nonmetallic mining and quarrying	98	99	99	99	96	96	94	89	89	90	95	97	100
Contract construction	2,205	2,277	2,341	2,341	2,313	2,244	2,058	1,919	1,861	1,907	2,068	2,234	2,397
Transportation and public utilities	4,031	4,007	3,992	3,959	3,871	3,892	3,930	3,869	3,841	3,873	3,827	3,887	4,000
Interstate railroads	1,410	1,381	1,375	1,339	1,257	1,281	1,333	1,316	1,290	1,315	1,356	1,299	1,449
Local railroads and bus lines	159	158	157	157	155	155	154	153	152	151	150	149	149
Telephone	637	638	633	625	619	616	612	608	607	607	607	609	611
Telegraph	53	52	52	50	49	48	48	47	46	46	47	47	47
Gas and electric utilities	515	520	521	519	514	514	513	512	511	512	512	515	515

† Revised. † Preliminary.

† The following revisions in the adjusted indexes of department-store sales appear on p. 24 of the April 1950 Survey: Atlanta, 1944–April 1948; Chicago, 1945–April 1948; Cleveland and Minneapolis, 1946–March 1948; Kansas City, 1945–March 1948; Philadelphia, 1944–March 1948. Revised data for San Francisco for 1919–48 are shown on p. 21 of the May 1950 Survey. Revisions for New York and Richmond for 1946–January 1949 are available upon request. Current revisions for Dallas are tentative, pending completion of the revision for earlier periods. Department-store sales indexes for the United States reflect all revisions in the districts and, therefore, are subject to further adjustment. Recent revisions of data on department-store stocks, by districts, are reflected in the U. S. total which is also subject to further revision. The series on wholesale trade have been revised back to 1939; monthly figures for 1946–48 and annual data beginning 1939 are shown on pp. 18–20 of the October 1949 Survey; unpublished revisions are available upon request.

† Data for 1947 and 1948 (shown in the 1949 Statistical Supplement) have been revised; revisions prior to August 1948 are available upon request.

† Revised series. See note marked "†" on p. S-11.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949						1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

EMPLOYMENT AND POPULATION—Continued

EMPLOYMENT—Continued													
Employees in nonagricultural establishments†—Continued													
Unadjusted (U. S. Dept. of Labor)—Continued													
Trade..... thousands	9,336	9,220	9,213	9,409	9,505	9,607	10,156	9,246	9,152	* 9,206	* 9,338	* 9,333	* 9,396
Wholesale trade..... do	2,491	2,472	2,515	2,538	2,554	2,538	2,542	2,511	2,495	* 2,484	* 2,474	* 2,474	* 2,495
Retail trade..... do	6,845	6,748	6,698	6,871	6,951	7,067	7,614	6,735	6,657	* 6,722	* 6,864	* 6,859	* 6,901
General-merchandise stores..... do	1,401	1,356	1,337	1,432	1,489	1,588	1,987	1,392	1,360	* 1,392	* 1,462	* 1,428	* 1,424
Food and liquor..... do	1,208	1,201	1,181	1,192	1,200	1,208	1,217	1,187	1,185	* 1,192	* 1,198	* 1,203	* 1,199
Automotive and accessories dealers..... do	670	679	688	692	696	704	717	701	700	* 699	* 706	* 715	* 732
Finance..... do	1,774	1,780	1,780	1,771	1,767	1,766	1,770	1,772	1,777	* 1,791	* 1,803	* 1,812	* 1,825
Service..... do	4,834	4,851	4,836	4,833	4,794	4,768	4,738	4,701	4,696	* 4,708	* 4,757	* 4,792	* 4,829
Hotels and lodging places..... do	487	511	504	475	451	445	443	428	430	* 431	* 442	* 454	.....
Laundries..... do	381	364	358	356	350	348	347	347	345	* 346	* 347	* 353	.....
Cleaning and dyeing plants..... do	154	151	144	147	147	145	143	141	140	* 141	* 146	* 150	.....
Government..... do	5,803	5,738	5,763	5,893	5,866	5,783	6,041	5,777	5,742	* 5,769	* 5,915	* 5,900	* 5,832
Total, adjusted (Federal Reserve)..... do	42,896	42,711	42,864	43,068	42,163	42,385	42,710	42,544	42,246	* 42,764	* 43,258	* 43,608	* 43,920
Manufacturing..... do	14,007	13,917	13,979	14,108	13,706	13,695	13,922	14,016	14,021	* 14,130	* 14,302	* 14,638	* 14,771
Mining..... do	965	939	949	943	901	917	940	867	604	* 944	* 941	* 939	* 937
Contract construction..... do	2,100	2,128	2,167	2,188	2,203	2,200	2,131	2,109	2,091	* 2,096	* 2,154	* 2,212	* 2,283
Transportation and public utilities..... do	4,003	3,968	3,947	3,939	3,877	3,895	3,930	3,901	3,874	* 3,906	* 3,947	* 3,890	* 3,972
Trade..... do	9,456	9,368	9,420	9,453	9,386	9,303	9,426	9,367	9,323	* 9,341	* 9,424	* 9,465	* 9,517
Finance..... do	1,756	1,762	1,780	1,785	1,784	1,784	1,781	1,781	1,786	* 1,791	* 1,794	* 1,803	* 1,807
Service..... do	4,786	4,777	4,788	4,785	4,770	4,768	4,762	4,748	4,768	* 4,780	* 4,781	* 4,792	* 4,781
Government..... do	5,823	5,846	5,852	5,872	5,845	5,820	5,811	5,784	5,779	* 5,776	* 5,915	* 5,869	* 5,852
Production workers in manufacturing industries:†													
Total (U. S. Dept. of Labor)..... thousands	11,337	11,211	11,561	11,775	11,368	11,289	11,504	11,449	11,460	* 11,549	* 11,596	* 11,837	* 12,039
Durable-goods industries..... do	6,022	5,894	5,947	6,060	5,651	5,719	5,961	5,904	5,982	* 6,070	* 6,196	* 6,450	* 6,585
Ordinance and accessories..... do	21	19	18	18	18	17	17	17	17	* 18	* 18	* 19	* 19
Lumber and wood products (except furniture)..... thousands	686	676	686	684	689	692	682	642	652	* 677	* 693	* 724	* 751
Sawmills and planing mills..... do	410	407	414	416	414	413	404	381	386	* 399	* 411	* 432	.....
Furniture and fixtures..... do	257	253	263	277	284	283	289	289	297	* 301	* 303	* 303	* 300
Stone, clay and glass products..... do	409	400	412	414	411	411	412	403	408	* 410	* 419	* 433	* 443
Glass and glass products..... do	105	101	107	107	108	108	107	106	108	* 109	* 113	* 116	.....
Primary metal industries..... do	971	934	932	938	959	743	955	963	978	* 982	* 1,007	* 1,025	* 1,039
Blast furnaces, steel works, and rolling mills..... thousands	523	506	498	499	131	325	507	511	512	* 507	* 523	* 530	.....
Primary smelting and refining of nonferrous metals..... thousands	45	42	41	42	39	38	41	43	45	* 45	* 45	* 46	.....
Fabricated metal prod. (except ordnance, machinery, transportation equipment) thous	679	671	688	708	677	666	688	693	698	* 709	* 721	* 741	* 764
Heating apparatus (except electrical) and plumbers' supplies..... thousands	94	92	100	110	116	113	111	107	112	* 114	* 118	* 119	.....
Machinery (except electrical)..... do	977	939	927	935	922	908	929	937	960	* 981	* 1,003	* 1,021	* 1,032
Electrical machinery..... do	518	505	507	531	548	546	559	561	573	* 580	* 596	* 606	* 622
Transportation equipment..... do	995	1,014	998	1,017	986	898	896	978	872	* 879	* 900	* 1,041	* 1,073
Automobiles..... do	646	670	678	686	666	582	585	675	567	* 576	* 596	* 731	.....
Aircraft and parts..... do	187	192	185	191	188	184	184	184	184	* 184	* 185	* 186	.....
Ship and boat building and repairs..... do	88	86	80	74	69	71	69	66	68	* 67	* 67	* 67	.....
Railroad equipment..... do	66	59	47	56	53	51	50	46	45	* 44	* 44	* 44	.....
Instruments and related products..... do	176	170	169	172	174	174	172	172	171	* 172	* 174	* 176	* 179
Miscellaneous mfg. industries..... do	333	313	347	366	383	381	361	345	356	* 361	* 362	* 361	* 363
Nondurable-goods industries..... do	5,315	5,317	5,614	5,715	5,717	5,570	5,543	5,449	5,478	* 5,479	* 5,400	* 5,387	* 5,454
Food and kindred products..... do	1,153	1,224	1,350	1,340	1,273	1,185	1,139	1,078	1,055	* 1,060	* 1,065	* 1,090	* 1,132
Meat products..... do	226	227	229	230	236	242	251	244	232	* 228	* 223	* 227	.....
Dairy products..... do	110	122	116	110	104	99	96	95	97	* 99	* 103	* 108	.....
Canning and preserving..... do	169	220	339	322	232	160	136	117	110	* 109	* 120	* 127	.....
Bakery products..... do	192	191	194	196	199	195	190	186	188	* 190	* 191	* 193	.....
Beverages..... do	152	169	165	157	149	146	141	135	134	* 139	* 141	* 146	.....
Tobacco manufactures..... do	84	82	91	94	92	89	87	85	81	* 78	* 76	* 76	* 75
Textile-mill products..... do	1,083	1,057	1,092	1,132	1,168	1,184	1,187	1,177	1,183	* 1,183	* 1,172	* 1,163	* 1,172
Broad-woven fabric mills..... do	525	518	530	547	565	572	574	568	571	* 574	* 573	* 573	.....
Knitting mills..... do	203	200	211	219	227	230	227	223	223	* 221	* 218	* 213	.....
Apparel and other finished textile products..... thousands	959	942	1,040	1,082	1,083	1,028	1,040	1,032	1,065	* 1,058	* 1,003	* 977	* 978
Men's and boys' suits and coats..... do	122	116	131	133	129	118	127	130	135	* 136	* 132	* 129	.....
Men's and boys' furnishings and work clothing..... thousands	236	221	235	246	252	251	247	241	244	* 245	* 241	* 238	.....
Women's outerwear..... do	258	263	306	319	308	280	296	302	315	* 305	* 271	* 254	.....
Paper and allied products..... do	369	365	371	384	392	393	390	385	386	* 389	* 391	* 392	* 397
Pulp, paper, and paperboard mills..... do	192	188	191	197	200	201	200	199	200	* 200	* 201	* 202	.....
Printing, publishing, and allied industries..... thousands	494	485	486	495	500	500	501	493	495	* 496	* 496	* 497	* 499
Newspapers..... do	142	141	141	144	144	145	145	142	145	* 146	* 147	* 149	.....
Commercial printing..... do	163	162	161	163	166	165	168	167	165	* 165	* 165	* 164	.....
Chemicals and allied products..... do	464	453	458	478	488	485	484	480	485	* 487	* 490	* 485	* 480
Industrial organic chemicals..... do	139	136	135	140	141	143	144	144	144	* 145	* 146	* 148	.....
Drugs and medicines..... do	60	59	60	61	62	62	62	62	59	* 58	* 61	* 61	.....
Paints, pigments, and fillers..... do	43	41	42	42	44	44	44	44	45	* 45	* 45	* 46	.....
Products of petroleum and coal..... do	189	189	190	189	185	188	185	184	183	* 182	* 176	* 177	* 182
Petroleum refining..... do	150	150	150	149	148	148	146	145	144	* 143	* 136	* 136	.....
Rubber products..... do	181	177	180	167	187	186	187	187	188	* 189	* 190	* 194	* 197
Tires and inner tubes..... do	86	82	81	64	81	81	82	83	83	* 83	* 84	* 86	.....
Leather and leather products..... do	339	342	356	354	349	332	343	348	357	* 357	* 341	* 336	* 342
Footwear (except rubber)..... do	223	226	234	230	224	208	224	231	235	* 235	* 222	* 218	.....
Manufacturing production-worker employment index, unadjusted (U. S. Dept. of Labor)†	138.4	136.9	141.1	143.7	138.8	137.8	140.4	139.8	139.9	* 141.0	* 141.6	* 144.5	* 147.0
Manufacturing production-worker employment index, adjusted (Federal Reserve)†..... 1939=100	139.9	138.9	139.6	141.3	136.6	136.5	139.0	140.2	140.2	* 141.2	* 143.1	* 147.1	* 148.5

* Revised. * Preliminary.
 † Revised series. Beginning with the October 1949 SURVEY, the indicated series on employment, payrolls, and hours and earnings have been revised to incorporate three major changes: (1) adoption of the current Standard Industrial Classification for manufacturing industries; (2) reclassification of reporting establishments on the basis of major postwar product or activity; (3) adjustment to 1947 bench-mark levels and a revision in estimating production-worker employment. Revised data on employees in nonagricultural establishments (unadjusted) by major groups are shown on p. 24 of the November 1949 SURVEY; revisions for the adjusted series on employees in nonagricultural establishments, by major groups, appear on p. 22 of the May 1950 SURVEY. All unpublished revisions are available upon request.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949						1950						
	June	July	August	September	October	November	December	January	February	March	April	May	June
EMPLOYMENT AND POPULATION—Continued													
EMPLOYMENT—Continued													
Miscellaneous employment data:													
Federal and State highways, total ¹.....number.....	295,071	314,414	327,536	323,842	310,606	278,309	240,059	220,000	213,821	228,932	250,272	275,779	
Construction (Federal and State).....do.....	124,025	137,965	146,144	143,585	137,971	107,399	72,406	54,603	48,854	63,347	82,362	102,310	
Maintenance (State).....do.....	120,469	124,931	128,631	125,032	122,022	120,798	117,596	115,154	114,714	114,891	116,980	121,802	
Federal civilian employees:													
United States.....thousands.....	1,929	1,923	1,915	1,886	1,846	1,835	1,829	1,801	1,801	2,194	2,193	2,185	2,182
District of Columbia.....do.....	217	217	214	213	211	211	213	213	213	214	214	213	214
Railway employees (class I steam railways):													
Total.....thousands.....	1,261	1,238	1,231	1,196	1,116	1,141	1,183	1,180	1,154	1,177	1,221	1,164	1,271
Indexes:													
Unadjusted.....1935-39=100.....	120.6	118.4	117.8	114.2	106.9	109.2	112.7	112.8	110.3	112.5	116.7	111.2	121.5
Adjusted.....do.....	119.0	116.0	115.4	111.5	103.4	108.2	114.5	117.3	113.0	115.3	118.6	111.7	119.8
PAYROLLS													
Manufacturing production-worker payroll index, unadjusted (U. S. Dept. of Labor)†.....1939=100.....	315.7	312.8	323.0	335.1	320.9	313.9	329.3	329.2	330.0	333.5	337.2	349.0	
LABOR CONDITIONS													
Average weekly hours per worker (U. S. Dept. of Labor)†:													
All manufacturing industries.....hours.....	38.8	38.8	39.1	39.6	39.7	39.1	39.8	39.7	39.7	39.7	39.7	40.0	40.5
Durable-goods industries.....do.....	39.2	38.8	39.3	39.6	39.9	39.0	40.1	40.0	40.1	40.2	40.7	40.9	41.4
Ordnance and accessories.....do.....	39.7	40.3	39.7	40.3	40.3	40.2	40.7	40.2	40.4	40.6	40.6	40.7	40.5
Lumber and wood products (except furniture).....hours.....	40.7	39.4	40.7	40.7	41.7	41.0	41.3	39.2	39.8	40.4	40.7	40.8	40.8
Sawmills and planing mills.....do.....	40.7	39.3	40.8	40.6	41.6	41.0	40.8	38.3	39.4	40.1	40.4	40.6	40.6
Furniture and fixtures.....do.....	39.0	38.6	40.5	41.0	41.7	41.2	42.2	41.1	41.7	41.7	41.3	41.4	41.4
Stone, clay, and glass products.....do.....	39.4	38.7	39.6	39.6	40.4	40.0	40.3	39.8	40.0	40.1	40.4	40.8	41.3
Glass and glass products.....do.....	38.9	37.9	39.0	38.2	39.5	39.2	39.7	39.7	40.0	40.1	40.2	40.4	40.4
Primary metal industries.....do.....	37.6	36.9	37.6	37.6	37.5	36.4	39.4	39.5	39.6	38.9	40.4	40.5	41.2
Blast furnaces, steel works, and rolling mills.....hours.....	37.7	36.4	37.6	37.1	34.0	34.4	39.3	39.3	39.3	37.5	39.9	39.7	39.7
Primary smelting and refining of nonferrous metals.....do.....	40.5	39.1	39.4	39.6	40.7	39.4	40.5	41.3	40.4	40.7	40.8	40.8	40.8
Fabricated metal prod. (except ordnance, machinery, transportation equipment).....hours.....	39.2	39.3	39.6	40.2	40.1	39.2	40.5	40.3	40.3	40.3	40.7	40.7	41.4
Heating apparatus (except electrical) and plumbers' supplies.....do.....	37.3	37.7	39.5	40.3	41.4	40.0	40.5	39.7	39.7	40.0	39.9	40.2	40.2
Machinery (except electrical).....do.....	39.2	39.0	39.1	39.3	39.2	38.5	39.7	39.8	40.3	40.6	41.0	41.3	41.8
Electrical machinery.....do.....	39.0	38.7	39.1	40.0	40.4	40.0	40.6	40.5	40.4	40.5	40.7	40.9	40.4
Transportation equipment.....do.....	39.5	39.9	39.7	40.1	39.1	37.3	38.9	40.5	39.7	40.2	41.3	41.1	42.5
Automobiles.....do.....	39.4	40.3	39.8	40.4	39.0	36.2	38.2	40.9	39.6	40.4	42.2	41.5	41.5
Aircraft and parts.....do.....	40.5	39.9	40.2	40.6	40.5	41.5	41.2	40.7	40.7	40.5	40.2	40.8	40.8
Ship and boat building and repairs.....do.....	38.4	38.4	37.3	37.7	36.4	34.8	38.4	37.8	37.5	38.2	37.6	38.0	38.0
Railroad equipment.....do.....	39.0	37.7	38.4	38.1	38.5	38.3	38.0	39.4	39.2	39.2	39.2	39.7	39.7
Instruments and related products.....do.....	39.2	39.0	39.0	39.5	39.8	40.0	40.0	39.7	39.9	40.0	39.9	40.3	40.5
Miscellaneous mfg. industries.....do.....	39.4	39.0	38.9	40.2	40.7	40.9	40.9	40.2	40.2	40.2	40.2	40.4	40.2
Non-durable-goods industries.....do.....	38.5	38.7	38.9	39.6	39.6	39.3	39.5	39.4	39.3	39.2	38.5	38.9	39.4
Food and kindred products.....do.....	41.6	42.2	41.7	41.8	41.7	41.6	41.4	41.4	40.7	40.7	40.4	41.9	41.9
Meat products.....do.....	40.4	41.8	41.6	41.6	41.1	42.9	43.4	42.9	40.4	40.3	39.8	40.7	40.7
Dairy products.....do.....	45.8	45.7	45.0	44.4	44.2	43.9	44.1	44.5	43.8	43.7	44.0	44.3	44.3
Canning and preserving.....do.....	38.3	39.7	40.8	40.1	40.0	37.1	36.6	38.2	37.7	36.8	36.3	37.3	37.3
Bakery products.....do.....	42.2	42.2	41.5	42.1	41.6	41.4	41.3	41.1	41.6	41.5	41.1	41.6	41.6
Beverages.....do.....	42.1	42.7	41.4	40.7	40.5	40.1	39.7	39.7	40.0	40.1	40.7	41.2	41.2
Tobacco manufactures.....do.....	38.0	37.4	38.7	38.9	38.2	38.0	38.0	38.0	36.2	36.7	35.5	36.6	38.0
Textile-mill products.....do.....	36.3	36.6	37.6	38.6	39.4	39.5	39.8	39.4	39.6	39.2	37.8	37.9	38.6
Broad-woven fabric mills.....do.....	35.7	36.3	37.6	38.5	39.6	39.8	40.3	40.0	40.1	39.8	38.4	38.5	38.5
Knitting mills.....do.....	36.2	36.3	37.0	37.8	38.9	38.4	37.6	36.8	37.2	37.0	35.0	35.0	35.0
Apparel and other finished textile products.....hours.....	35.4	35.4	35.7	36.8	36.5	35.7	35.9	36.0	36.7	36.4	35.2	35.7	35.8
Men's and boys' suits and coats.....do.....	33.3	33.4	33.5	35.4	34.3	32.9	34.7	35.4	37.0	37.5	35.2	36.4	36.4
Men's and boys' furnishings and work clothing.....do.....	35.8	36.1	36.4	36.9	37.5	36.8	36.8	36.2	36.4	36.2	35.4	35.9	35.9
Women's outerwear.....do.....	34.6	33.9	34.2	35.8	34.2	33.6	34.5	35.0	35.9	35.4	34.5	34.5	34.5
Paper and allied products.....do.....	40.7	41.1	41.8	42.6	43.1	43.0	42.9	42.2	42.5	42.6	42.3	42.3	43.0
Pulp, paper, and paperboard mills.....do.....	41.1	41.8	42.6	43.0	43.7	43.6	43.6	43.0	43.4	43.4	43.2	43.2	43.2
Printing, publishing, and allied industries.....hours.....	38.7	38.6	38.5	39.1	38.6	38.6	39.3	38.5	38.2	38.6	38.6	38.7	38.7
Newspapers.....do.....	37.4	37.1	36.8	37.5	37.5	37.2	38.1	36.5	36.3	36.8	37.1	37.3	37.3
Commercial printing.....do.....	40.0	39.8	39.6	39.9	39.5	39.3	40.3	40.0	39.3	39.6	39.4	39.8	39.8
Chemicals and allied products.....do.....	40.8	40.6	40.5	41.4	41.7	41.5	41.6	41.3	41.1	41.1	41.2	41.2	41.5
Industrial organic chemicals.....do.....	39.2	39.3	39.2	39.8	39.9	40.0	40.2	40.3	40.0	40.0	40.1	40.5	40.5
Drugs and medicines.....do.....	40.2	40.0	40.4	40.4	40.6	40.7	40.6	40.6	40.7	40.9	40.8	40.8	40.8
Paints, pigments, and fillers.....do.....	41.2	40.9	41.1	41.5	41.4	41.0	41.0	41.0	41.4	41.7	41.8	42.2	42.2
Products of petroleum and coal.....do.....	40.2	40.7	40.3	41.1	41.0	40.0	39.9	40.7	39.8	39.7	40.8	40.6	41.2
Petroleum refining.....do.....	39.9	40.4	39.8	40.5	40.3	40.0	39.7	40.7	39.6	39.6	40.5	39.9	39.9
Rubber products.....do.....	38.2	38.4	38.3	40.3	39.4	38.4	39.2	39.4	39.2	39.3	40.0	41.1	41.1
Tires and inner tubes.....do.....	36.6	36.6	36.0	39.1	37.3	36.9	37.3	38.4	38.3	37.4	39.0	41.1	41.1
Leather and leather products.....do.....	36.5	37.0	37.2	36.8	36.5	35.1	37.1	37.7	38.1	37.9	35.9	35.5	37.6
Footwear (except rubber).....do.....	36.0	36.8	36.7	36.0	35.1	33.3	36.2	37.4	37.8	37.4	34.8	34.3	34.3
Nonmanufacturing industries:													
Mining:													
Metal.....do.....	40.6	39.4	39.5	39.6	40.1	35.7	41.6	42.0	41.9	41.1	41.5	41.2	41.2
Anthracite.....do.....	23.4	35.0	23.4	31.8	39.2	35.7	22.0	23.9	20.6	41.5	29.0	34.5	34.5
Bituminous coal.....do.....	30.7	25.1	26.1	27.0	31.9	34.1	25.4	24.5	25.4	39.2	36.0	34.9	34.9
Crude-petroleum and natural-gas production:													
Petroleum and natural-gas production.....hours.....	39.7	40.3	40.1	40.4	41.2	40.0	40.0	41.8	40.0	39.8	42.4	41.2	41.2
Nonmetallic mining and quarrying.....do.....	43.8	43.4	44.3	43.2	44.2	42.7	42.4	41.4	41.4	41.6	43.5	44.1	44.1
Contract construction.....do.....	38.5	38.6	38.7	37.7	38.3	37.1	36.4	35.2	34.3	35.1	36.5	37.5	37.5
Nonbuilding construction.....do.....	41.9	42.2	42.4	40.9	41.8	39.9	38.3	37.4	37.8	38.7	40.8	40.6	40.6
Building construction.....do.....	37.1	37.1	37.2	36.5	36.9	36.1	35.8	34.8	33.7	34.5	35.6	36.8	36.8

* Revised. † Preliminary. ‡ Data include all of Fairfax County, Virginia, and Montgomery and Prince Georges Counties, Maryland.
 § Data for the United States include 145,100 decennial census temporary employees for March, 130,900 for April, 48,500 for May, and 12,500 for June; the number of such employees is not available for the District of Columbia.
 ¶ Total includes State engineering, supervisory, and administrative employees not shown separately.
 †† Revised series. See note marked "††" on p. S-11.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey

	1949						1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

EMPLOYMENT AND POPULATION—Continued

LABOR CONDITIONS—Continued													
Average weekly hours per worker, etc.—Continued													
Nonmanufacturing industries—Continued													
Transportation and public utilities:													
Local railways and bus lines..... hours.....	46.0	45.1	44.7	44.3	44.2	44.1	44.5	44.2	44.4	* 44.4	* 44.7	44.9	-----
Telephone..... do.....	38.4	38.5	38.4	38.6	38.7	38.8	38.4	38.5	38.6	38.5	38.7	38.9	-----
Telegraph..... do.....	45.0	45.4	45.1	44.5	44.5	43.7	43.7	44.1	44.1	44.1	44.6	45.4	-----
Gas and electric utilities..... do.....	41.3	41.3	41.4	41.4	41.7	41.5	41.8	41.7	41.4	* 41.2	41.3	41.3	-----
Trade:													
Wholesale trade..... do.....	40.6	40.8	40.7	40.7	40.9	40.6	40.9	40.6	40.3	40.3	40.2	40.4	-----
Retail trade:													
General-merchandise stores..... do.....	36.8	37.2	37.2	36.6	36.4	36.3	38.1	36.9	40.4	* 40.0	* 40.1	40.0	-----
Food and liquor..... do.....	40.4	41.1	41.1	40.2	40.3	40.1	40.3	40.0	40.1	* 40.0	40.1	40.0	-----
Automotive and accessories dealers..... do.....	45.5	45.6	45.6	45.5	45.9	45.6	45.8	45.8	45.3	* 45.8	* 45.8	46.2	-----
Service:													
Hotels, year-round..... do.....	44.1	44.1	44.2	44.1	44.2	44.0	43.8	43.9	43.8	* 43.8	43.7	43.8	-----
Laundries..... do.....	41.6	41.5	40.8	41.2	41.1	40.9	41.2	41.5	40.8	41.0	* 41.1	41.8	-----
Cleaning and dyeing plants..... do.....	42.3	41.0	39.5	41.7	41.1	40.9	41.0	41.2	39.9	40.6	40.2	43.0	-----
Industrial disputes (strikes and lock-outs):													
Beginning in month:													
Work stoppages..... number.....	377	343	365	287	256	197	170	225	210	260	400	450	425
Workers involved..... thousands.....	572	110	134	507	570	57	46	185	75	80	160	325	260
In effect during month:													
Work stoppages..... number.....	632	603	643	536	475	388	323	340	325	400	550	650	650
Workers involved..... thousands.....	673	249	232	603	977	914	417	300	515	530	300	500	400
Man-days idle during month..... do.....	4,470	2,350	2,140	6,270	17,500	6,270	1,350	2,600	7,850	3,750	3,150	3,000	2,750
Percent of available working time..... do.....	.6	.4	.3	.9	2.7	1.0	.2	.4	1.3	.5	.5	.4	.4
U. S. Employment Service placement activities:													
Nonagricultural placements..... thousands.....	400	369	452	466	416	350	312	305	289	368	406	489	494
Unemployment compensation (Soc. Sec. Admin.):													
Initial claims..... thousands.....	1,522	1,383	1,252	1,013	1,363	1,545	1,630	1,725	1,240	1,294	1,543	1,367	1,104
Continued claims..... do.....	8,778	7,467	8,353	7,084	8,363	7,584	8,259	9,000	8,068	8,261	6,656	6,702	5,827
Benefit payments:													
Beneficiaries, weekly average..... do.....	1,809	1,717	1,952	1,744	1,528	1,698	1,889	2,078	2,027	2,098	1,559	1,567	1,388
Amount of payments..... thous. of dol.....	154,695	148,767	170,629	154,079	135,707	152,170	170,580	186,383	167,212	187,215	138,969	136,778	119,430
Veterans' unemployment allowances:													
Initial claims..... thousands.....	446	279	52	31	31	29	29	29	23	20	14	14	18
Continued claims..... do.....	2,486	2,569	936	385	265	268	280	289	258	275	187	160	128
Claims filed during last week of month..... do.....	586	582	113	83	62	60	61	66	63	58	43	33	27
Amount of payments..... thous. of dol.....	45,797	48,939	24,135	8,775	5,467	5,291	5,474	5,753	5,059	5,713	3,838	3,185	2,526
Labor turn-over in manufacturing establishments:													
Accession rate..... monthly rate per 100 employees.....	4.4	3.5	4.4	4.1	3.7	3.3	3.2	3.6	3.2	3.6	3.5	* 4.4	* 5.0
Separation rate, total..... thousands.....	4.3	3.8	4.0	4.2	4.1	4.0	3.2	3.1	3.0	2.9	2.8	* 3.1	* 3.1
Discharges..... do.....	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	* 3
Lay-offs..... do.....	2.5	2.1	1.8	1.8	2.3	2.5	1.9	1.7	1.7	1.4	1.2	* 1.1	* 1.9
Quits..... do.....	1.5	1.4	1.8	2.1	1.5	1.2	1.0	1.1	1.0	1.2	1.3	1.6	* 1.8
Military and miscellaneous..... do.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	* 1
WAGES													
Average weekly earnings (U. S. Department of Labor): †													
All manufacturing industries..... dollars.....													
Durable-goods industries..... do.....	54.51	54.63	54.70	55.72	55.26	54.43	56.04	56.29	56.37	* 56.53	56.93	* 57.72	* 58.89
Non-durable-goods industries..... do.....	57.82	57.31	57.89	58.69	58.17	56.82	59.19	59.40	59.47	* 59.74	* 60.07	* 61.72	* 63.14
Ordnance and accessories..... do.....	58.72	59.04	58.44	59.76	59.97	57.82	60.85	60.70	60.88	61.31	61.43	* 61.54	* 61.92
Lumber and wood products (except furniture)..... dollars.....													
Sawmills and planing mills..... do.....	52.91	50.75	52.87	52.83	54.17	52.48	52.66	48.02	50.55	* 52.24	53.36	* 54.51	-----
Furniture and fixtures..... do.....	53.56	51.25	53.53	53.35	54.54	52.89	52.31	47.38	50.59	* 51.85	53.00	54.44	-----
Stone, clay, and glass products..... do.....	48.36	47.86	49.69	50.72	51.42	50.72	52.50	51.13	52.29	* 52.17	51.67	* 51.42	* 52.08
Glass and glass products..... do.....	53.58	52.94	54.17	54.73	55.51	55.28	55.65	55.56	55.56	* 55.70	56.56	* 57.32	* 58.40
Primary metal industries..... do.....	55.98	55.22	56.08	55.89	57.04	57.19	58.16	59.31	59.36	* 59.35	59.66	59.79	-----
Blast furnaces, steel works, and rolling mills..... dollars.....	59.82	58.63	59.45	60.42	58.35	57.48	62.92	63.79	63.48	* 62.40	65.04	* 65.61	* 67.44
Primary smelting and refining of nonferrous metals..... dollars.....	62.21	59.88	61.33	62.07	55.90	56.48	64.65	65.83	64.81	* 61.84	65.95	65.86	-----
Fabricated metal prod. (except ordnance, machinery, transportation equipment)..... dollars.....	60.71	59.00	58.39	59.24	59.87	58.43	59.60	62.07	60.24	* 61.13	61.65	61.98	-----
Heating apparatus (except electrical) and plumbers' supplies..... dollars.....	57.39	57.61	58.13	59.25	58.51	56.88	59.66	59.93	59.68	* 59.64	60.52	* 60.77	* 62.14
Machinery (except electrical)..... do.....	54.72	54.85	57.63	59.56	55.58	59.32	60.39	59.23	59.59	* 60.20	60.33	60.78	-----
Electrical machinery..... do.....	59.94	59.67	59.86	60.44	60.21	59.21	61.30	61.57	62.55	63.34	64.33	* 65.13	* 66.13
Transportation equipment..... do.....	56.16	56.00	56.73	57.88	57.97	57.36	58.63	58.44	58.26	* 58.44	58.85	* 59.43	* 58.62
Automobiles..... do.....	65.49	66.27	65.90	67.13	64.75	61.92	65.31	68.12	66.58	* 67.46	70.38	* 69.79	* 72.97
Aircraft and parts..... do.....	66.94	68.67	67.78	69.33	65.87	61.03	65.44	70.14	67.64	* 69.08	73.64	71.84	-----
Ship and boat building and repairs..... do.....	62.94	62.08	62.07	63.58	63.67	66.69	66.41	65.20	65.69	65.29	64.80	65.77	-----
Railroad equipment..... do.....	62.82	61.94	60.05	61.00	59.11	56.97	62.86	61.46	61.16	62.53	61.66	63.00	-----
Instruments and related products..... do.....	62.71	60.32	62.05	61.84	62.49	63.16	63.39	61.60	64.89	* 64.21	64.52	64.87	-----
Miscellaneous mfg. industries..... do.....	54.61	54.37	54.25	55.26	56.08	56.52	56.84	56.49	56.86	* 57.40	57.26	* 57.99	* 58.56
Non-durable-goods industries..... do.....	49.72	48.75	48.51	50.57	51.44	51.70	52.23	51.78	51.62	* 51.82	* 51.86	* 52.64	* 52.14
Food and kindred products..... do.....													
Meat products..... do.....	50.97	51.55	51.31	52.59	52.47	52.07	52.69	52.91	53.06	53.04	* 52.21	* 52.87	* 53.74
Dairy products..... do.....	53.62	54.69	53.00	53.63	53.83	54.16	54.57	54.94	54.05	* 54.42	* 54.18	* 55.02	* 56.27
Canning and preserving..... do.....	55.87	58.02	56.87	57.78	56.51	60.23	60.98	60.19	55.99	* 56.14	55.68	57.10	-----
Bakery products..... do.....	55.23	55.71	54.72	55.28	54.76	53.95	54.29	55.67	54.88	* 54.03	54.87	54.98	-----
Beverages..... do.....	42.63	43.59	44.27	44.79	45.92	41.29	43.26	45.15	44.94	* 44.79	44.29	45.06	-----
Tobacco manufactures..... do.....	52.29	52.62	51.83	52.88	52.29	52.12	52.16	52.07	52.96	* 52.75	52.44	53.50	-----
Textile-mill products..... do.....	65.59	68.79	66.24	64.92	64.40	63.60	63.12	63.52	64.52	* 65.16	66.71	67.36	-----
Broad-woven fabric mills..... do.....	38.57	38.19	38.58	38.39	37.86	38.46	38.76	39.25	38.48	* 39.49	* 38.59	39.56	* 41.42
Knitting mills..... do.....	42.98	43.26	44.37	45.82	47.04	47.20	47.64	47.36	47.88	* 47.39	45.51	* 45.63	* 46.59
-----	42.09	42.87	44.41	45.74	47.62	47.76	48.40	48.16	48.16	* 47.72	45.81	45.85	-----
-----	40.73	40.44	41.11	42.22	43.68	43.28	42.34	41.73	43.38	* 43.55	* 40.60	40.60	-----

* Revised. † Preliminary. ‡ Revised series. See note marked "†" on p. S-11.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

EMPLOYMENT AND POPULATION—Continued

WAGES—Continued														
Average weekly earnings, etc.—Continued														
All manufacturing industries—Continued														
Nondurable-goods industries—Continued														
Apparel and other finished textile products														
Apparel and other finished textile products	dollars	40.11	41.03	41.95	44.01	42.63	40.38	41.82	42.70	44.48	* 43.50	* 40.87	* 41.30	P 41.81
Men's and boys' suits and coats	do	43.86	44.93	44.96	47.93	46.20	44.48	46.64	47.72	49.88	* 50.81	* 47.06	48.67	
Men's and boys' furnishings and work clothing	dollars	32.76	33.33	32.80	33.87	34.35	33.82	33.82	33.63	35.64	* 35.62	* 34.94	35.33	
Women's outerwear	do	46.33	48.51	50.40	53.13	49.49	45.80	49.13	50.86	52.63	* 49.67	* 46.20	45.61	
Paper and allied products	do	54.54	55.37	56.26	57.64	58.36	58.31	58.09	57.56	57.80	* 58.06	* 58.25	* 58.08	P 59.94
Pulp, paper, and paperboard mills	do	57.95	59.65	60.32	61.06	62.10	62.09	62.09	61.62	61.71	* 61.89	* 62.51	* 61.86	
Printing, publishing, and allied industries	dollars	70.47	70.45	70.69	72.02	71.22	70.91	72.27	70.49	70.75	* 72.14	* 72.18	* 72.68	P 72.38
Newspapers	do	78.73	78.02	77.80	80.14	80.06	79.05	81.50	76.43	76.38	* 78.42	* 79.77	81.02	
Commercial printing	do	70.80	70.05	69.66	70.22	69.84	69.36	71.17	70.80	70.70	* 71.56	* 70.84	71.72	
Chemicals and allied products	do	59.08	59.44	58.77	59.66	59.51	59.43	59.78	60.05	59.96	* 60.09	* 60.52	* 61.22	P 62.71
Industrial organic chemicals	do	60.56	61.50	60.68	62.33	62.20	62.44	62.75	63.63	62.64	* 62.56	* 63.12	63.95	
Drugs and medicines	do	56.28	56.40	56.32	56.96	57.16	57.51	57.21	57.37	58.04	* 58.53	* 58.67	58.87	
Paints, pigments, and fillers	do	59.90	59.31	59.51	60.88	60.90	60.43	60.80	61.21	61.98	* 62.38	* 62.83	63.51	
Products of petroleum and coal	do	71.84	73.59	72.38	74.47	74.09	72.12	71.74	73.79	71.64	* 71.54	* 73.73	* 73.32	P 74.86
Petroleum refining	do	74.73	76.60	75.10	77.11	76.13	75.44	74.83	77.41	74.84	* 74.88	* 76.99	75.77	
Rubber products	do	58.29	58.37	57.72	61.01	59.57	57.91	59.04	60.52	59.90	* 59.70	* 61.80	* 64.40	
Tires and inner tubes	do	64.09	64.45	62.32	69.95	64.83	63.91	64.79	67.70	67.22	* 65.26	* 69.23	74.68	
Leather and leather products	do	41.46	41.74	42.00	41.99	41.72	40.08	42.03	42.90	44.08	* 44.15	* 42.07	* 41.68	P 43.92
Footwear (except rubber)	do	39.24	39.93	40.04	39.74	38.61	36.40	39.20	40.77	42.22	* 42.15	* 39.92	38.62	
Nonmanufacturing industries:														
Mining:														
Metal	do	60.53	58.75	58.18	58.96	59.63	52.73	62.32	64.17	62.81	* 61.81	* 63.29	62.38	
Anthracite	do	45.28	66.08	42.80	50.24	75.81	67.94	42.22	44.60	40.23	* 80.01	* 57.25	68.48	
Bituminous coal	do	59.90	47.94	49.51	52.46	63.10	68.17	48.74	47.36	49.83	* 78.75	* 72.86	70.01	
Crude-petroleum and natural-gas production:														
Petroleum and natural-gas production	dollars	70.59	72.54	70.74	72.40	73.87	71.20	71.52	76.24	71.88	* 70.88	* 76.36	72.84	
Nonmetallic mining and quarrying	do	57.82	56.77	57.86	56.68	57.77	55.77	55.08	53.36	54.36	* 55.37	* 57.94	59.18	
Contract construction	do	71.41	71.55	72.13	70.73	72.06	70.12	69.75	68.01	66.89	* 68.59	* 70.70	73.13	
Nonbuilding construction	do	71.34	72.20	72.56	70.82	72.71	69.90	68.15	65.56	66.94	* 68.34	* 70.75	71.09	
Building construction	do	71.44	71.28	71.95	70.69	71.80	70.21	70.26	68.76	67.00	* 68.83	* 70.70	73.60	
Transportation and public utilities:														
Local railways and bus lines	do	66.01	65.21	64.46	64.55	64.31	64.17	65.10	65.11	65.22	* 65.53	* 66.11	66.63	
Telephone	do	51.46	51.90	51.57	52.61	53.29	54.40	52.49	53.13	53.69	* 52.98	* 53.44	53.76	
Telegraph	do	62.96	63.97	63.64	62.83	62.97	62.05	62.23	62.84	62.97	* 62.93	* 64.13	65.38	
Gas and electric utilities	do	63.64	64.02	63.92	64.75	65.72	65.03	66.04	66.09	65.08	* 64.81	* 65.09	65.01	
Trade:														
Wholesale trade	do	57.49	58.18	57.10	57.35	58.36	57.86	58.20	58.14	58.27	58.56	* 58.69	* 58.74	
Retail trade:														
General-merchandise stores	do	35.62	35.86	35.75	35.17	34.64	34.30	36.12	35.68	35.44	* 35.04	* 34.56	35.24	
Food and liquor	do	50.26	51.13	51.00	50.57	50.25	50.37	50.54	50.68	50.85	* 50.76	* 50.85	50.80	
Automotive and accessories dealers	do	59.70	59.83	59.55	59.51	59.39	58.78	58.26	58.72	57.76	* 59.22	* 60.50	60.94	
Finance:														
Banks and trust companies	do	43.10	43.80	43.10	43.62	43.94	43.96	43.95	45.29	45.52	* 45.37	* 45.81	45.66	
Service:														
Hotels, year-round	do	32.85	32.90	32.93	32.90	32.84	33.13	33.24	33.06	33.51	* 33.07	* 33.12	33.29	
Laundries	do	35.32	35.03	34.27	34.69	34.57	34.23	34.77	35.15	34.39	* 34.56	* 35.55	36.32	
Cleaning and dyeing plants	do	42.17	40.43	38.63	41.28	40.15	39.96	40.47	40.75	39.26	* 40.40	* 40.16	43.43	
Average hourly earnings (U. S. Department of Labor):†														
All manufacturing industries	dollars	1.405	1.408	1.399	1.407	1.392	1.392	1.408	1.418	1.420	* 1.424	1.434	* 1.443	P 1.454
Durable-goods industries	do	1.475	1.477	1.473	1.482	1.458	1.457	1.476	1.485	1.483	* 1.486	1.498	* 1.509	P 1.525
Ordinance and accessories	do	1.479	1.480	1.472	1.483	1.488	1.488	1.495	1.510	1.507	1.510	1.513	* 1.512	P 1.529
Lumber and wood products (except furniture)	dollars	1.300	1.288	1.299	1.298	1.299	1.280	1.275	1.225	1.270	* 1.293	* 1.311	* 1.336	
Sawmills and planing mills	do	1.316	1.304	1.312	1.314	1.311	1.290	1.282	1.237	1.284	* 1.293	* 1.312	1.341	
Furniture and fixtures	do	1.240	1.240	1.230	1.237	1.233	1.231	1.244	1.244	1.254	* 1.251	* 1.251	* 1.248	P 1.258
Stone, clay, and glass products	do	1.360	1.368	1.368	1.382	1.374	1.382	1.381	1.390	1.389	* 1.389	* 1.400	* 1.405	P 1.414
Glass and glass products	do	1.439	1.457	1.438	1.463	1.444	1.459	1.466	1.494	1.484	* 1.480	* 1.484	1.480	
Primary metal industries	do	1.591	1.589	1.581	1.607	1.556	1.579	1.597	1.615	1.603	* 1.604	* 1.610	* 1.620	P 1.637
Blast furnaces, steel works, and rolling mills	dollars	1.650	1.645	1.631	1.673	1.644	1.642	1.645	1.675	1.649	* 1.649	1.653	1.569	
Primary smelting and refining of nonferrous metals	dollars	1.499	1.489	1.482	1.496	1.471	1.483	1.479	1.503	1.491	* 1.502	* 1.511	1.519	
Fabricated metal prod. (except ordinance machinery, transportation equipment)	dollars	1.464	1.466	1.468	1.474	1.459	1.451	1.473	1.487	1.481	* 1.480	* 1.487	* 1.493	P 1.501
Heating apparatus (except electrical) and plumbers' supplies	dollars	1.467	1.455	1.459	1.478	1.479	1.483	1.491	1.492	1.501	* 1.505	* 1.512	1.512	
Machinery (except electrical)	do	1.529	1.530	1.531	1.538	1.536	1.538	1.544	1.547	1.552	* 1.560	* 1.569	* 1.577	P 1.582
Electrical machinery	do	1.440	1.447	1.451	1.447	1.435	1.434	1.444	1.443	1.442	* 1.443	* 1.446	* 1.453	P 1.451
Transportation equipment	do	1.658	1.661	1.660	1.674	1.656	1.660	1.679	1.682	1.677	* 1.678	* 1.704	* 1.698	P 1.717
Automobiles	do	1.704	1.707	1.708	1.716	1.689	1.686	1.713	1.715	1.708	* 1.710	* 1.745	1.731	
Aircraft and parts	do	1.554	1.607	1.544	1.566	1.572	1.607	1.612	1.602	1.614	* 1.612	* 1.612	1.612	
Ship and boat building and repairs	do	1.636	1.613	1.610	1.618	1.624	1.637	1.637	1.626	1.631	* 1.637	* 1.640	1.645	
Railroad equipment	do	1.608	1.600	1.616	1.623	1.623	1.649	1.638	1.621	1.647	* 1.638	* 1.646	1.634	
Instruments and related products	do	1.393	1.394	1.391	1.399	1.409	1.413	1.421	1.423	1.425	* 1.435	* 1.435	* 1.439	P 1.446
Miscellaneous mfg. industries	do	1.262	1.250	1.247	1.258	1.264	1.264	1.277	1.288	1.284	* 1.289	* 1.290	* 1.303	P 1.297
Nondurable-goods industries	do	1.324	1.332	1.319	1.328	1.325	1.325	1.334	1.343	1.350	* 1.353	* 1.356	* 1.359	P 1.364
Food and kindred products	do	1.289	1.296	1.271	1.283	1.291	1.302	1.318	1.327	1.328	* 1.337	* 1.341	1.342	
Meat products	do	1.383	1.388	1.387	1.389	1.375	1.407	1.406	1.403	1.386	* 1.393	* 1.399	1.403	
Dairy products	do	1.206	1.219	1.216	1.245	1.239	1.229	1.231	1.251	1.253	* 1.250	* 1.247	1.241	
Canning and preserving	do	1.113	1.098	1.085	1.117	1.148	1.113	1.182	1.182	1.192	* 1.217	* 1.220	1.208	
Bakery products	do	1.239	1.247	1.249	1.256	1.257	1.259							

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

EMPLOYMENT AND POPULATION—Continued

WAGES—Continued													
Average hourly earnings, etc.—Continued													
All manufacturing industries—Continued													
Nondurable-goods industries—Continued													
Apparel and other finished textile products													
Men's and boys' suits and coats.....dollars.....	1.133	1.159	1.175	1.196	1.168	1.131	1.165	1.186	1.212	* 1.195	* 1.161	* 1.157	* 1.168
Men's and boys' furnishings and work clothing.....dollars.....	1.317	1.306	1.342	1.355	1.347	1.352	1.344	1.348	1.348	* 1.355	* 1.337	1.337	-----
Women's outerwear.....do.....	.915	.915	.901	.918	.916	.919	.919	.929	* .979	* .984	.987	.984	-----
Paper and allied products.....do.....	1.339	1.431	1.465	1.484	1.447	1.363	1.424	1.453	1.466	* 1.403	1.339	1.322	-----
Pulp, paper, and paperboard mills.....do.....	1.340	1.352	1.346	1.353	1.354	1.356	1.354	1.364	1.360	* 1.363	* 1.377	1.373	* 1.394
Printing, publishing, and allied industries.....dollars.....	1.410	1.427	1.416	1.420	1.421	1.424	1.424	1.433	1.422	* 1.426	* 1.447	1.432	-----
Newspapers.....do.....	1.821	1.825	1.836	1.842	1.845	1.837	1.839	1.831	1.852	* 1.869	* 1.870	* 1.878	* 1.875
Commercial printing.....do.....	2.105	2.103	2.114	2.137	2.135	2.125	2.139	2.094	2.104	2.151	2.150	2.172	-----
Chemicals and allied products.....do.....	1.770	1.760	1.759	1.760	1.768	1.765	1.766	1.770	1.799	1.807	1.798	1.802	-----
Industrial organic chemicals.....do.....	1.448	1.464	1.451	1.441	1.427	1.432	1.437	1.454	1.459	* 1.462	* 1.469	* 1.486	-----
Drugs and medicines.....do.....	1.545	1.565	1.548	1.566	1.559	1.561	1.561	1.579	1.566	* 1.564	* 1.574	1.579	* 1.511
Paints, pigments, and fillers.....do.....	1.400	1.410	1.408	1.410	1.408	1.413	1.409	1.413	1.426	* 1.431	* 1.438	1.443	-----
Products of petroleum and coal.....do.....	1.454	1.450	1.448	1.467	1.471	1.474	1.483	1.493	1.497	* 1.496	* 1.503	1.505	-----
Petroleum refining.....do.....	1.787	1.808	1.796	1.812	1.807	1.803	1.798	1.813	1.800	* 1.802	* 1.807	* 1.806	* 1.817
Rubber products.....do.....	1.873	1.896	1.887	1.904	1.889	1.886	1.885	1.902	1.896	* 1.891	* 1.901	1.899	-----
Tires and inner tubes.....do.....	1.526	1.520	1.507	1.514	1.512	1.508	1.506	1.536	1.528	* 1.519	* 1.545	* 1.567	-----
Leather and leather products.....do.....	1.751	1.761	1.731	1.789	1.738	1.732	1.737	1.703	1.755	* 1.745	* 1.775	1.817	-----
Footwear (except rubber).....do.....	1.136	1.128	1.129	1.141	1.143	1.142	1.133	1.138	1.157	* 1.165	* 1.172	* 1.174	* 1.168
Nonmanufacturing industries:	1.090	1.085	1.091	1.104	1.100	1.093	1.083	1.090	1.117	* 1.127	* 1.130	1.126	-----
Mining:													
Metal.....do.....	1.491	1.491	1.473	1.489	1.487	1.477	1.498	1.517	1.499	1.504	* 1.525	1.514	-----
Anthracite.....do.....	1.935	1.888	1.829	1.863	1.934	1.903	1.919	1.866	1.953	1.928	* 1.974	1.985	-----
Bituminous coal.....do.....	1.951	1.910	1.897	1.943	1.978	1.999	1.919	1.933	1.962	* 2.009	* 2.024	2.006	-----
Crude-petroleum and natural-gas production:													
Petroleum and natural-gas production.....dollars.....	1.778	1.800	1.764	1.792	1.793	1.780	1.788	1.824	1.797	* 1.781	* 1.801	1.768	-----
Nonmetallic mining and quarrying.....do.....	1.320	1.308	1.306	1.312	1.307	1.306	1.299	1.313	1.313	* 1.331	* 1.332	1.342	-----
Contract construction.....do.....	1.856	1.856	1.862	1.874	1.881	1.891	1.917	1.932	1.950	* 1.954	* 1.937	1.950	-----
Nonbuilding construction.....do.....	1.704	1.712	1.712	1.730	1.741	1.754	1.777	1.753	1.771	* 1.766	* 1.734	1.751	-----
Building construction.....do.....	1.924	1.922	1.932	1.938	1.944	1.947	1.964	1.976	1.988	* 1.995	* 1.986	2.000	-----
Transportation and public utilities:													
Local railways and bus lines.....do.....	1.435	1.446	1.442	1.457	1.455	1.455	1.463	1.473	1.469	* 1.476	* 1.479	1.484	-----
Telephone.....do.....	1.340	1.348	1.343	1.363	1.377	1.402	1.367	1.380	1.391	* 1.376	1.381	1.382	-----
Telegraph.....do.....	1.399	1.409	1.411	1.412	1.415	1.420	1.424	1.425	1.428	1.427	1.438	1.440	-----
Gas and electric utilities.....do.....	1.541	1.550	1.544	1.564	1.576	1.567	1.580	1.585	1.572	1.573	1.576	1.574	-----
Trade:													
Wholesale trade.....do.....	1.416	1.426	1.403	1.409	1.427	1.425	1.423	1.432	1.446	1.453	* 1.460	1.454	-----
Retail trade:													
General-merchandise stores.....do.....	.968	.964	.961	.961	.952	.945	.948	.967	.963	.960	.952	.968	-----
Food and liquor.....do.....	1.244	1.244	1.244	1.258	1.247	1.256	1.254	1.267	1.268	* 1.269	* 1.268	1.270	-----
Automotive and accessories dealers.....do.....	1.312	1.312	1.306	1.308	1.294	1.289	1.272	1.282	1.275	* 1.293	* 1.321	1.319	-----
Service:													
Hotels, year-round.....do.....	.745	.746	.745	.746	.743	.753	.759	.753	.765	.755	.758	.760	-----
Laundries.....do.....	.849	.844	.840	.842	.841	.837	.844	.847	.843	* 843	* 805	.869	-----
Cleaning and dyeing plants.....do.....	.997	.986	.978	.990	.977	.977	.987	.989	.984	* .995	* .999	1.010	-----
Miscellaneous wage data:													
Construction wage rates (E. N. R.):\$													
Common labor.....dol. per hr.....	1.441	1.465	1.470	1.478	1.478	1.478	1.478	1.485	1.485	1.486	1.493	1.511	1.528
Skilled labor.....do.....	2.394	* 2.413	2.434	2.453	2.458	2.462	2.462	2.462	2.466	2.469	2.478	2.485	2.517
Farm wage rates, without board or room (quarterly)*.....dol. per hr.....		.74		.64				.75			.70		* .73
Railway wages (average, class I).....do.....	1.375	1.392	1.373	1.365	1.362	1.369	1.372	1.374	1.374	1.374	1.374	1.374	-----
Road-building wages, common labor.....do.....		1.16			1.17			1.17			1.15		-----

FINANCE

BANKING													
Acceptances and commercial paper outstanding:													
Bankers' acceptances.....mil. of dol.....	198	194	189	207	215	251	272	280	256	237	231	279	
Commercial paper.....do.....	199	211	230	265	278	278	257	258	257	245	250	240	
Agricultural loans outstanding of agencies supervised by the Farm Credit Administration:													
Total.....mil. of dol.....	1,786	()	()	1,791	()	()	1,712	()	()	1,744	()	1,816	
Farm mortgage loans, total.....do.....	946	()	()	951	()	()	956	()	()	969	()	980	
Federal land banks.....do.....	880	()	()	890	()	()	899	()	()	916	()	931	
Land Bank Commissioner.....do.....	65	()	()	62	()	()	57	()	()	53	()	49	
Loans to cooperatives.....do.....	250	258	261	281	306	313	306	294	279	265	255	247	
Short-term credit.....do.....	591	600	590	559	506	471	450	453	476	510	540	589	
Bank debits, total (141 centers).....do.....	98,276	88,353	88,536	90,257	90,747	88,888	106,274	95,336	86,273	104,027	91,714	100,281	107,102
New York City.....do.....	42,890	36,467	36,070	37,191	36,334	35,249	45,781	38,962	35,727	43,112	37,025	41,463	43,781
Outside New York City.....do.....	55,386	51,886	52,466	53,066	54,413	53,339	60,493	56,374	50,546	60,915	54,689	58,818	63,321
Federal Reserve banks, condition, end of month:													
Assets, total.....mil. of dol.....	45,502	44,937	44,192	44,323	43,513	44,272	45,643	44,194	44,097	43,568	43,895	43,525	44,284
Reserve bank credit outstanding, total.....do.....	19,696	19,239	18,225	18,415	17,860	18,267	19,499	18,326	18,226	18,070	18,301	17,983	18,703
Discounts and advances.....do.....	103	317	531	109	283	322	78	145	130	225	113	306	43
United States Government securities.....do.....	19,343	18,529	17,524	18,010	17,316	17,682	18,885	17,827	17,746	17,592	17,706	17,389	18,331
Gold certificate reserves.....do.....	23,245	23,285	23,362	23,350	23,320	23,232	23,176	23,168	23,120	23,020	23,035	22,998	22,982
Liabilities, total.....do.....	45,502	44,937	44,192	44,323	43,513	44,272	45,643	44,194	44,097	43,568	43,895	43,525	44,284
Deposits, total.....do.....	19,246	18,968	18,036	18,173	17,632	17,793	18,906	18,348	18,064	17,796	18,083	17,655	18,316
Member-bank reserve balances.....do.....	17,867	17,437	16,512	15,947	15,850	16,038	16,568	16,211	15,973	15,657	15,878	15,814	15,934
Excess reserves (estimated).....do.....	948	752	1,175	771	589	671	1,018	698	583	507	676	752	* 427
Federal Reserve notes in circulation.....do.....	23,373	23,305	23,273	23,278	23,247	23,373	23,483	22,926	22,911	22,911	22,880	22,836	22,921
Reserve ratio.....percent.....	54.5	55.1	56.6	56.3	57.0	56.4	54.7	56.1	56.3	56.6	56.2	56.8	55.7

* Revised. * Preliminary. * Rate as of July 1, 1950.
 † Beginning July 1, 1948, farm mortgage loan data are reported quarterly.
 ‡ Revised series. See note marked "†" on p. S-11.
 § Rates as of July 1, 1950: Common labor, \$1.638; skilled labor, \$2.524.
 * New series. Comparable data prior to January 1948 are not available.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950				
	June	July	August	September	October	November	December	January	February	March	April	May	June

FINANCE—Continued

BANKING—Continued													
Federal Reserve weekly reporting member banks, condition, Wednesday nearest end of month:													
Deposits:													
Demand, adjusted..... mil. of dol.	46,093	46,282	46,737	46,457	46,848	47,648	48,253	47,767	46,926	46,162	46,928	47,533	47,972
Demand, except interbank:													
Individuals, partnerships, and corporations..... mil. of dol.	45,805	45,685	46,416	46,465	46,867	48,037	48,857	47,600	47,193	45,848	46,672	47,856	47,925
States and political subdivisions..... do.	3,361	3,432	3,367	3,165	3,299	3,255	3,296	3,456	3,454	3,431	3,601	3,571	3,611
United States Government..... do.	1,356	1,591	2,196	2,636	2,335	2,117	1,955	2,322	2,302	2,691	1,668	1,982	2,350
Time, except interbank, total..... do.	15,375	15,282	15,270	15,255	15,228	15,162	15,288	15,333	15,377	15,397	15,472	15,496	15,552
Individuals, partnerships, and corporations..... mil. of dol.	14,596	14,520	14,502	14,501	14,500	14,431	14,537	14,578	14,647	14,660	14,717	14,738	14,768
States and political subdivisions..... do.	664	641	647	632	605	608	621	627	609	617	633	636	652
Interbank (demand and time)..... do.	9,526	10,032	10,095	10,065	10,687	10,305	10,729	10,394	10,415	9,994	10,356	9,930	10,098
Investments, total..... do.	38,699	40,637	42,288	42,064	42,341	42,226	42,527	42,780	42,090	41,677	41,525	42,070	42,376
U. S. Government obligations, direct and guaranteed, total..... mil. of dol.	34,149	35,773	37,307	37,004	37,388	37,248	37,469	37,595	36,774	36,118	35,916	36,456	36,638
Bills..... do.	1,793	2,603	3,260	2,608	2,618	2,345	2,544	2,762	2,212	1,768	1,753	2,125	2,641
Certificates..... do.	5,274	5,716	6,392	7,181	7,273	7,257	6,856	6,152	5,071	4,638	4,307	4,420	2,916
Bonds and guaranteed obligations..... do.	26,132	26,394	26,536	26,091	26,347	26,470	24,637	24,796	24,862	24,016	24,080	24,193	24,433
Notes..... do.	950	1,060	1,119	1,124	1,150	1,176	3,432	3,885	4,629	5,696	5,776	5,718	6,648
Other securities..... do.	4,550	4,864	4,981	5,060	4,953	4,978	5,058	5,185	5,316	5,559	5,609	5,614	5,738
Loans, total..... do.	23,883	23,159	23,491	23,998	24,325	24,613	24,894	24,486	24,741	24,886	25,009	25,033	25,584
Commercial, industrial, and agricultural..... do.	13,181	12,826	12,965	13,384	13,694	13,775	13,904	13,918	13,834	13,790	13,420	13,359	13,602
To brokers and dealers in securities..... do.	1,955	1,520	1,609	1,668	1,618	1,623	1,608	1,364	1,529	1,670	1,813	1,801	1,717
Other loans for purchasing or carrying securities..... mil. of dol.	657	663	665	638	597	626	599	573	570	588	624	627	652
Real-estate loans..... do.	4,118	4,143	4,185	4,207	4,246	4,299	4,342	4,396	4,413	4,465	4,522	4,595	4,682
Loans of banks..... do.	292	264	273	233	207	214	319	154	302	212	368	235	405
Other loans..... do.	3,981	4,049	4,102	4,178	4,266	4,393	4,445	4,455	4,470	4,540	4,644	4,800	4,912
Money and interest rates: ¹													
Bank rates to customers: ²													
In New York City..... percent.	2.35			2.32			2.38		2.29			2.34	
In 7 other northern and eastern cities..... do.	2.86			2.64			2.67		2.55			2.67	
In 11 southern and western cities..... do.	3.17			3.07			3.03		3.12			3.22	
Discount rate (N. Y. F. R. Bank)..... do.	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Federal land bank loans..... do.	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08
Federal intermediate credit bank loans..... do.	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.00	2.00	2.00	2.00	2.00	2.00
Open market rates, New York City:													
Acceptances, prime, bankers', 90 days..... do.	1.19	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
Commercial paper, prime, 4-6 months..... do.	1.56	1.56	1.44	1.38	1.38	1.38	1.31	1.31	1.31	1.31	1.31	1.31	1.31
Time loans, 90 days (N. Y. S. E.)..... do.	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63
Call loans, renewal (N. Y. S. E.)..... do.	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63
Yield on U. S. Govt. securities:													
3-month bills..... do.	1.158	.990	1.027	1.062	1.044	1.073	1.097	1.100	1.130	1.140	1.164	1.167	1.175
3-5 year taxable issues..... do.	1.42	1.26	1.26	1.34	1.38	1.37	1.37	1.39	1.44	1.45	1.45	1.45	1.47
Savings deposits, balance to credit of depositors:													
New York State savings banks..... mil. of dol.	10,718	10,753	10,786	10,830	10,860	10,296	11,087	11,179	11,237	11,325	11,363	11,411	11,512
U. S. postal savings..... do.	3,277	3,266	3,248	3,230	3,215	3,199	3,182	3,183	3,177	3,168	3,151	3,125	3,097
CONSUMER CREDIT													
Total consumer credit, end of month..... mil. of dol.	16,124	16,198	16,453	16,803	17,223	17,815	18,779	18,344	18,126	18,302	18,620	19,077	19,627
Instalment credit, total..... do.	9,123	9,335	9,622	9,899	10,166	10,441	10,890	10,836	10,884	11,077	11,322	11,668	12,063
Sale credit, total..... do.	4,870	5,010	5,223	5,438	5,661	5,880	6,240	6,174	6,213	6,344	6,511	6,733	6,950
Automobile dealers..... do.	2,499	2,610	2,761	2,876	2,986	3,085	3,144	3,179	3,256	3,355	3,470	3,600	3,761
Department stores and mail-order houses..... mil. of dol.	774	766	781	784	855	906	1,010	975	958	950	979	1,011	1,028
Furniture stores..... do.	718	730	755	784	822	858	935	902	891	899	913	935	947
Household-appliance stores..... do.	382	405	417	435	454	464	500	491	492	502	508	518	552
Jewelry stores..... do.	124	121	121	121	123	127	163	163	163	163	163	163	163
All other retail stores..... do.	373	378	388	404	421	440	488	627	616	618	631	650	662
Cash loans, total..... do.	4,253	4,325	4,399	4,461	4,505	4,561	4,650	4,662	4,671	4,743	4,811	4,935	5,113
Commercial banks..... do.	1,836	1,866	1,897	1,922	1,936	1,944	1,951	1,957	1,973	2,026	2,066	2,134	2,233
Credit unions..... do.	346	357	369	379	385	394	402	404	408	421	431	450	474
Industrial banks..... do.	219	225	230	235	239	244	250	251	254	258	262	267	275
Industrial-loan companies..... do.	167	169	171	172	172	173	175	175	174	176	178	188	188
Insured repair and modernization loans..... mil. of dol.	726	732	747	763	780	794	801	802	792	783	785	798	818
Small-loan companies..... do.	827	843	851	855	858	875	929	931	928	956	945	959	978
Miscellaneous lenders..... do.	132	133	134	135	135	137	142	142	142	143	144	145	147
Charge accounts..... do.	3,274	3,123	3,064	3,123	3,197	3,454	3,909	3,506	3,233	3,211	3,241	3,290	3,399
Single-payment loans..... do.	2,752	2,768	2,799	2,808	2,866	2,927	2,988	3,003	3,001	3,009	3,018	3,114	3,140
Service credit..... do.	975	972	968	973	994	993	992	997	1,008	1,005	1,006	1,014	1,025
Consumer instalment loans made during the month, by principal lending institutions:													
Commercial banks..... mil. of dol.	303	282	294	278	272	269	280	269	268	336	307	348	379
Credit unions..... do.	68	59	66	65	59	64	69	59	61	78	70	83	93
Industrial banks..... do.	38	35	37	34	34	36	41	37	34	43	37	43	46
Industrial-loan companies..... do.	28	28	29	27	26	28	31	27	25	31	28	32	34
Small-loan companies..... do.	140	155	143	128	134	161	232	131	126	163	154	168	175
FEDERAL GOVERNMENT FINANCE													
Budget receipts and expenditures:													
Receipts, total..... mil. of dol.	4,928	2,061	2,917	4,885	1,993	2,727	4,255	3,480	3,607	5,622	2,092	2,895	4,776
Receipts, net..... do.	4,767	1,946	2,479	4,832	1,881	2,344	4,191	3,366	2,972	4,820	1,488	2,320	4,404
Customs..... do.	28	25	32	33	35	37	35	37	35	43	34	38	40
Income and profits taxes..... do.	3,819	1,209	1,568	3,893	1,060	1,489	3,214	2,545	2,342	4,429	1,267	1,721	3,526
Employment taxes..... do.	137	65	404	144	65	356	139	67	544	362	93	295	349
Miscellaneous internal revenue..... do.	704	653	749	714	753	722	720	645	599	701	629	704	714
All other receipts..... do.	240	110	165	101	79	124	147	186	88	88	69	138	146
Expenditures, total..... do.	4,656	3,434	3,585	3,995	3,111	3,127	3,722	3,323	2,496	3,269	2,847	2,962	4,296
Interest on public debt..... do.	1,570	322	125	544	255	2,306	1,008	2,463	2,636	2,184	2,136	2,136	2,611
Veterans Administration..... do.	525	494	522	859	502	547	489	516	502	588	509	504	998
National defense and related activities..... do.	1,210	1,033	1,165	1,024	1,002	1,095	1,095	1,046	1,036	1,051	964	1,007	465
All other expenditures..... do.	1,350	1,585	1,774	1,568	1,352	1,218	1,130	1,298	897	994	1,190	1,315	1,222

¹ Revised. ² Preliminary. ³ Series was changed on September 12 to two bond issues (2 percent December 1952-54 and 2½ percent March 1956-58) and on April 1 to 1½ percent Treasury notes of March 15, 1954 and 1½ percent Treasury notes of March 15, 1955. ⁴ Beginning November 1949, data re presents interest due and payable, previously, interest paid.

⁵ For bond yields see p. S-19. ⁶ Revised series. Bank rates to customers have been revised to reflect a change in the reporting form; for the series shown here no revisions were made prior to June 1948. ⁷ See note at bottom of p. S-17 of the May 1950 Survey for data on recent revisions. Further revisions have been made beginning with July 1949 by the transfer of certain items formerly under "national defense and related activities" to "all other expenditures."

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
FINANCE—Continued													
FEDERAL GOVERNMENT FINANCE—Con.													
Debt, gross:													
Public debt (direct), end of month, total mil. of dol.	252,770	253,877	255,852	256,680	256,778	256,982	257,130	256,865	256,368	255,724	225,718	256,350	257,357
Interest-bearing, total do.	250,762	251,880	253,921	254,756	254,876	255,124	255,019	254,860	254,406	253,506	253,516	254,183	255,209
Public issues do.	217,986	218,831	220,563	220,842	221,066	221,295	221,133	221,367	221,535	221,408	221,714	222,315	222,853
Special issues do.	32,776	33,049	33,358	33,914	33,810	33,829	33,896	33,502	32,871	32,098	31,802	31,868	32,356
Noninterest-bearing do.	2,009	1,996	1,931	1,923	1,901	1,858	2,111	1,907	1,962	2,218	2,202	2,167	2,148
Obligations guaranteed by U. S. Government, end of month, mil. of dol.	27	26	27	29	28	29	29	27	27	24	22	20	20
U. S. savings bonds:													
Amount outstanding, end of month do.	56,333	56,522	56,602	56,663	56,729	56,774	56,910	57,108	57,345	57,446	57,534	57,576	57,629
Sales, series E, F, and G do.	485	511	449	398	388	383	495	707	581	524	423	416	398
Redemptions do.	451	425	439	411	396	415	466	618	418	510	413	454	456
Government corporations and credit agencies:													
Assets, except interagency, total mil. of dol.	22,232			22,594			23,733			24,360			
Loans receivable, total (less reserves) do.	11,770			11,720			12,733			13,350			
To aid agriculture do.	3,847			3,617			4,362			4,851			
To aid home owners do.	9,800			1,123			1,251			1,324			
To aid railroads do.	120			120			114			113			
To aid other industries do.	364			407			462			496			
To aid banks do.	4			4			4			3			
To aid other financial institutions do.	368			347			442			328			
Foreign loans do.	6,108			6,090			6,090			6,101			
All other do.	488			494			484			492			
Commodities, supplies, and materials do.	1,140			1,596			1,549			1,567			
U. S. Government securities do.	2,004			2,069			2,047			2,221			
Other securities do.	3,508			3,501			3,492			3,488			
Land, structures, and equipment do.	2,946			2,933			2,962			2,932			
All other assets do.	865			775			950			801			
Liabilities, except interagency, total do.	2,377			1,957			2,520			2,801			
Bonds, notes, and debentures:													
Guaranteed by the United States do.	26			28			28			21			
Other do.	865			856			772			708			
Other liabilities do.	1,487			1,074			1,720			2,072			
Privately owned interest do.	172			177			183			100			
U. S. Government interest do.	19,682			20,460			21,030			21,368			
Reconstruction Finance Corporation, loans and securities (at cost) outstanding, end of month, total mil. of dol.	1,458	1,522	1,603	1,670	1,737	1,825	1,874	1,951	1,998	2,043	2,070	2,105	2,085
Industrial and commercial enterprises, including national defense mil. of dol.	384	399	416	434	443	472	481	500	507	516	524	542	518
Financial institutions do.	123	122	123	122	121	118	114	114	113	112	112	110	110
Railroads do.	117	117	117	117	117	117	112	111	110	110	111	111	110
States, territories, and political subdivisions do.	30	30	30	30	30	29	29	29	27	27	25	25	25
United Kingdom and Republic of the Philippines mil. of dol.	174	173	176	167	165	161	149	147	145	139	137	133	128
Mortgages purchased do.	592	643	703	762	824	891	951	1,012	1,060	1,102	1,125	1,147	1,156
Other loans do.	37	37	38	37	37	37	37	37	37	37	37	37	37
LIFE INSURANCE													
Assets, admitted:													
All companies (Institute of Life Insurance), estimated total mil. of dol.	57,233	57,503	57,768	58,082	58,407	58,699	59,280	59,781	60,080	60,382	60,660	60,973	61,307
Securities and mortgages do.	51,921	52,251	52,390	52,640	52,903	53,171	53,652	53,911	54,252	54,592	54,839	55,034	55,311
49 companies (Life Insurance Association of America), total mil. of dol.	51,143	51,364	51,589	51,858	52,134	52,389	52,879	53,184	53,445	53,697	53,936	54,196	54,476
Bonds and stocks, book value, total do.	36,809	36,951	36,911	36,984	37,064	37,162	37,397	37,411	37,588	37,687	37,716	37,674	37,679
Govt. (domestic and foreign) total do.	16,379	16,149	16,016	15,987	15,905	15,797	15,921	15,881	15,853	15,834	15,790	15,598	15,383
U. S. Government do.	14,337	14,106	13,974	13,883	13,781	13,682	13,779	13,743	13,716	13,684	13,640	13,453	13,256
Public utility do.	8,977	9,090	9,134	9,153	9,196	9,261	9,314	9,320	9,473	9,503	9,551	9,638	9,740
Railroad do.	2,865	2,861	2,855	2,857	2,859	2,864	2,866	2,866	2,877	2,878	2,906	2,914	2,949
Other do.	8,589	8,851	8,906	8,989	9,106	9,244	9,298	9,345	9,386	9,472	9,468	9,524	9,607
Cash do.	676	650	703	692	724	697	706	852	704	687	689	719	704
Mortgage loans, total do.	9,712	9,828	9,971	10,117	10,234	10,388	10,569	10,691	10,831	11,016	11,181	11,379	11,611
Farm do.	915	938	938	948	958	966	978	987	1,006	1,020	1,036	1,054	1,071
Other do.	8,797	8,900	9,033	9,170	9,276	9,422	9,591	9,704	9,824	9,996	10,144	10,325	10,540
Policy loans and premium notes do.	1,866	1,878	1,892	1,904	1,915	1,925	1,934	1,943	1,952	1,963	1,972	1,983	1,994
Real-estate holdings do.	1,028	1,042	1,045	1,059	1,077	1,090	1,102	1,113	1,124	1,134	1,144	1,159	1,176
Other admitted assets do.	1,052	1,015	1,066	1,101	1,120	1,127	1,171	1,173	1,246	1,210	1,234	1,283	1,222
Life Insurance Agency Management Association: Insurance written (new paid-for-insurance):													
Value, estimated total mil. of dol.	1,890	1,657	1,778	1,718	1,861	1,901	2,195	1,745	2,335	2,413	2,171	2,273	2,280
Group do.	242	179	250	249	267	308	504	212	706	443	382	341	431
Industrial do.	396	356	381	384	416	395	360	402	433	490	445	479	431
Ordinary, total do.	1,252	1,122	1,147	1,085	1,178	1,198	1,331	1,131	1,196	1,440	1,344	1,453	1,418
New England do.	81	73	69	67	77	83	86	85	82	96	88	98	96
Middle Atlantic do.	289	263	249	234	277	278	289	293	294	359	317	336	324
East North Central do.	263	235	243	231	251	256	280	239	253	307	277	293	292
West North Central do.	127	113	116	112	111	113	133	104	111	138	121	129	128
South Atlantic do.	135	124	132	123	137	140	156	124	136	166	159	179	168
East South Central do.	52	46	50	49	53	52	58	44	48	65	60	61	60
West South Central do.	114	99	108	101	99	102	117	95	105	135	120	132	134
Mountain do.	45	40	42	38	40	41	52	35	40	48	48	53	50
Pacific do.	145	130	138	128	134	133	160	111	127	165	154	172	165
Institute of Life Insurance: Payments to policyholders and beneficiaries, estimated total thous. of dol.	304,428	267,451	286,065	276,238	276,422	276,654	339,057	327,079	288,708	358,738	295,802	313,640	330,140
Death claim payments do.	124,888	115,810	130,188	115,711	121,365	120,828	132,673	132,259	124,549	152,034	128,731	137,941	133,973
Matured endowments do.	42,636	34,227	35,505	36,027	38,565	38,559	37,933	46,643	38,750	48,070	40,216	41,298	48,117
Disability payments do.	8,347	7,475	7,912	7,641	8,136	7,867	8,534	8,969	7,800	8,354	7,884	8,440	8,583
Annuity payments do.	20,868	19,976	18,739	19,856	20,078	19,689	17,097	25,323	19,434	21,704	19,888	21,466	21,568
Policy dividends do.	56,118	42,990	43,828	47,329	39,729	38,638	83,640	60,422	47,168	65,460	46,463	45,139	57,664
Surrender values do.	51,571	46,979	49,893	49,674	48,549	51,073	59,180	53,463	51,007	63,116	52,620	59,356	60,244

† Revised.
 ‡ See corresponding note on p. S-17 of the March 1950 SURVEY.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
FINANCE—Continued													
LIFE INSURANCE—Continued													
Life Insurance Association of America:													
Premium collections (39 cos.), total, thous. of dol.	499,255	372,943	434,472	465,995	414,068	435,499	653,742	483,248	469,517	558,510	420,371	474,305	539,268
Accident and health.....do.	33,054	28,171	32,927	29,964	31,116	31,627	42,178	32,284	32,145	39,696	33,123	39,823	38,584
Annuities.....do.	63,102	14,316	50,965	52,865	53,964	51,973	115,207	79,118	64,435	67,701	51,566	52,132	72,477
Group.....do.	34,591	30,362	37,535	30,485	32,973	31,606	40,929	51,213	34,444	42,886	31,553	38,311	39,351
Industrial.....do.	75,018	60,330	65,659	75,341	63,054	61,410	108,014	72,425	66,613	79,324	58,570	70,648	75,220
Ordinary.....do.	293,490	239,764	247,386	277,340	232,961	268,883	346,914	248,208	271,880	328,903	245,559	273,391	313,576
MONETARY STATISTICS													
Gold and silver:													
Gold:													
Monetary stock, U. S.....mil. of dol.	24,466	24,520	24,608	24,602	24,584	24,479	24,427	24,395	24,345	24,246	24,247	24,231	24,231
Net release from earmark\$.....thous. of dol.	121,632	-19,936	-208,540	-154,799	-89,117	-63,939	-59,399	-93,162	-50,411	-95,432	-59,175	-29,873	-17,627
Gold exports.....do.	5,483	6,890	11,563	15,857	2,397	2,908	10,111	7,223	4,119	4,358	2,130	1,553	2,246
Gold imports.....do.	12,389	137,986	268,936	114,002	58,527	10,629	8,697	46,201	4,350	2,706	55,419	14,628	12,274
Production, reported monthly total†:													
Africa.....do.	64,823	63,102	66,224	65,400	65,422	66,140	63,653						
Canada.....do.	39,307	39,965	40,380	39,366	39,012	38,509	38,492	38,780	36,456	39,661	37,615		
United States‡.....do.	12,015	11,421	12,569	12,735	12,804	12,659	13,058	12,399	12,247	13,417	12,941	13,082	
Silver:													
Exports.....do.	1,818	11,910	2,090	160	86	184	680	47	30	110	62	70	1,219
Imports.....do.	10,237	6,824	6,056	5,628	7,508	6,370	4,660	8,065	4,355	6,317	3,412	8,253	6,126
Price at New York.....dol. per fine oz.	.715	.715	.719	.732	.733	.733	.733	.733	.733	.731	.718	.726	.728
Production:													
Canada♁.....thous. of fine oz.	2,198	1,735	1,196	1,144	1,894	1,504	1,718	1,196	1,385	1,768	1,454		
Mexico.....do.	4,300	3,500	4,600	4,700	4,000	3,800	4,800	3,700	4,100	3,800	3,100	3,800	
United States.....do.	2,676	2,349	2,909	2,167	2,884	3,101	3,193	2,965	2,496	3,721	4,224	3,890	2,669
Money supply:													
Currency in circulation.....mil. of dol.	27,493	27,394	27,393	27,412	27,407	27,543	27,600	26,941	27,068	27,042	27,048	27,090	27,154
Deposits, adjusted, all banks, and currency outside banks, totalⓄ.....mil. of dol.	167,930	167,900	170,000	170,100	171,200	171,300	173,030	172,900	172,400	171,500	171,800	172,700	173,500
Currency outside banks.....do.	25,266	24,900	25,100	24,900	24,900	25,100	25,415	24,500	24,700	24,600	24,600	24,700	24,600
Deposits, adjusted, total, including U. S. depositsⓄ.....mil. of dol.	142,664	143,000	144,900	145,200	146,300	146,200	147,615	148,400	147,700	146,900	147,200	148,000	148,900
Demand deposits, adjusted, excl. U. S. do.	81,877	83,100	83,400	83,100	84,300	85,000	85,750	86,400	84,500	83,300	84,500	85,300	85,400
Time deposits, incl. postal savings.....do.	58,483	58,400	58,400	58,400	58,400	58,000	58,616	58,700	59,000	59,300	59,500	59,500	59,700
Turn-over of demand deposits, except interbank and U. S. Government, annual rate:													
New York City.....ratio of debits to deposits.....	29.8	28.7	25.5	28.0	27.3	27.2	32.5	28.6	29.3	29.4	29.7	29.7	30.7
Other leading cities.....do.	18.7	18.5	17.1	18.6	18.5	19.1	20.0	18.9	18.9	19.3	19.4	19.2	20.2
PROFITS AND DIVIDENDS (QUARTERLY)													
Manufacturing corporations (Federal Reserve):*													
Profits after taxes, total (200 cos.) ♀.....mil. of dol.	726			799			766			852			
Durable goods, total (106 cos.) ♀.....do.	470			508			424			529			
Primary metals and products (39 cos.) ♀.....do.	144			130			100			175			
Machinery (27 cos.) ♀.....do.	77			75			91			86			
Automobiles and equipment (15 cos.) ♀.....do.	218			267			200			234			
Nondurable goods, total (94 cos.) ♀.....do.	256			292			342			323			
Food and kindred products (28 cos.).....do.	54			63			64			51			
Chemicals and allied products (26 cos.) ♀.....do.	83			105			115			122			
Petroleum refining (14 cos.).....do.	92			86			109			91			
Dividends, total (200 cos.).....do.	354			331			629			387			
Durable goods (106 cos.).....do.	188			184			380			220			
Nondurable goods (94 cos.) ♀.....do.	166			147			249			166			
Electric utilities, profits after taxes (Fed. Res.) ♀.....mil. of dol.	180			173			195			230			
Railways and telephone cos. (see p. S-23).													
SECURITIES ISSUED													
Commercial and Financial Chronicle:													
Securities issued, by type of security, total (new capital and refunding).....mil. of dol.	1,649	765	617	707	823	489	731	1,185	809	1,060	700	1,061	1,285
New capital, total.....do.	1,555	685	309	519	675	379	613	817	711	769	540	771	954
Domestic, total.....do.	1,540	441	291	510	639	379	513	817	708	750	520	770	949
Corporate.....do.	1,201	432	117	127	405	150	315	553	146	365	327	427	598
Federal agencies.....do.	24	9	0	69	0	0	0	30	13	21	23	39	18
Municipal, State, etc.....do.	315	0	174	314	234	229	198	233	550	363	170	304	334
Foreign.....do.	15	244	18	10	36	0	0	0	3	19	20	1	5
Refunding, total.....do.	94	79	308	188	148	109	218	369	98	292	160	290	330
Domestic, total.....do.	94	78	204	188	148	109	218	269	83	229	160	282	330
Corporate.....do.	31	22	8	38	91	35	105	108	20	168	89	237	276
Federal agencies.....do.	62	56	195	146	53	52	56	159	57	58	65	31	35
Municipal, State, etc.....do.	1	0	1	4	4	22	57	1	6	3	6	14	20
Securities and Exchange Commission: †													
Estimated gross proceeds, total.....do.	2,701	2,385	2,105	1,700	1,633	1,293	1,842	2,098	1,631	1,866	1,300	1,678	2,311
By type of security:													
Bonds and notes, total.....do.	2,570	2,326	2,036	1,639	1,528	1,212	1,684	1,984	1,571	1,772	1,103	1,530	2,055
Corporate.....do.	1,154	474	152	210	308	251	416	500	200	452	293	520	813
Common stock.....do.	74	46	46	35	61	44	122	44	47	64	136	76	160
Preferred stock.....do.	57	13	22	27	44	36	36	70	13	30	61	72	96
By type of issuer:													
Corporate, total.....do.	1,286	533	220	272	413	332	574	614	259	547	490	669	1,069
Manufacturing*.....do.	170	204	45	26	84	36	64	32	64	50	36	189	174
Public utility†.....do.	530	118	97	94	196	136	305	212	118	210	239	317	566
Railroad.....do.	45	51	20	16	41	10	31	94	13	108	31	60	75
Communication*.....do.	388	27	12	4	13	17	4	206	13	108	23	13	64
Real estate and financial.....do.	91	40	6	59	11	92	85	20	24	132	87	32	129
Noncorporate, total.....do.	1,415	1,852	1,884	1,428	1,220	961	1,268	1,484	1,371	1,320	810	1,010	1,242
U. S. Government.....do.	1,099	1,606	1,608	894	978	707	1,011	1,118	810	886	634	680	852
State and municipal.....do.	316	245	175	318	238	251	255	235	546	366	176	319	359

† Revised. ‡ Preliminary. § Less than \$500,000.

Ⓞ Increase in earmarked gold (-). † Revisions for January-May 1948 for United States and total gold production are shown in the August 1949 SURVEY, p. S-18. Revisions for 1948-April 1949 for securities issued (SEC data) are available upon request.

♁ Revised data for January-August 1948 are shown in the November 1949 SURVEY, p. S-18. Ⓞ U. S. Government deposits at Federal Reserve banks are not included.

* New series. Data on profits and dividends cover large manufacturing corporations (total assets end of 1946, \$10,000,000 and over); quarterly averages for 1939-48, and quarterly data for 1946-March 1948 are shown on p. 23 of the June 1950 SURVEY. Data on securities issued for manufacturing and communication for January 1948-May 1949 are available upon request.

† Revised series. Data (covering electric, gas, and water companies) are available beginning January 1948.

‡ Profits and dividends revisions for manufacturing for first quarter of 1949 are shown in corresponding note in June 1950 SURVEY. Profits revisions for electric utilities for 1946-48 are available upon request.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949						1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

FINANCE—Continued

SECURITIES ISSUED—Continued													
Securities and Exchange Commission†—Continued													
New corporate security issues:													
Estimated net proceeds, total..... mil. of dol.	1,271	526	215	268	407	327	565	605	255	538	7480	7658	1,055
Proposed uses of proceeds:													
New money, total..... do.	1,087	461	164	163	260	270	331	453	190	371	7344	7306	625
Plant and equipment..... do.	971	427	133	109	214	159	223	405	130	242	7295	7212	451
Working capital..... do.	116	35	31	54	46	111	108	48	60	129	749	794	174
Retirement of debt and stock, total..... do.	175	55	46	61	98	41	151	104	46	150	7126	7341	381
Funded debt..... do.	54	18	17	19	58	17	111	39	30	138	736	7164	311
Other debt..... do.	117	36	29	22	37	24	37	53	13	11	776	7137	65
Preferred stock..... do.	4	1	1	20	3	0	2	12	3	1	14	40	5
Other purposes..... do.	10	9	5	43	49	16	83	48	18	17	79	11	49
Proposed uses by major groups:													
Manufacturing, total*..... do.	166	202	44	26	83	36	63	31	63	49	734	7185	169
New money..... do.	77	175	22	20	41	24	49	27	47	38	724	780	109
Retirement of debt and stock..... do.	89	26	19	6	19	8	10	3	14	11	7	7	52
Public utility, total..... do.	523	115	94	91	193	133	299	208	116	206	7234	7312	560
New money..... do.	464	111	90	58	102	109	136	148	84	130	7189	7111	370
Retirement of debt and stock..... do.	53	4	4	28	67	15	102	30	32	67	744	7199	175
Railroad, total..... do.	45	51	20	16	41	10	31	93	13	107	731	769	74
New money..... do.	45	51	13	16	41	10	27	27	13	85	727	739	15
Retirement of debt and stock..... do.	0	0	7	0	0	0	4	66	0	22	4	30	40
Communication, total*..... do.	386	26	11	4	13	16	4	205	(1)	18	23	713	64
New money..... do.	386	24	1	2	11	14	4	202	(1)	18	22	713	3
Retirement of debt and stock..... do.	1	3	10	2	(1)	2	(1)	2	0	0	0	0	60
Real estate and financial, total..... do.	91	39	6	58	11	92	85	20	23	132	786	731	127
New money..... do.	67	10	6	23	6	90	70	6	11	75	722	727	92
Retirement of debt and stock..... do.	23	22	0	0	5	0	0	(1)	(1)	50	61	71	35
State and municipal issues (Bond Buyer):													
Long-term..... thous. of dol.	324,825	244,173	218,662	332,957	230,822	265,519	255,707	248,176	568,839	361,726	184,192	7355,150	351,965
Short-term..... do.	120,040	67,450	196,516	105,586	46,514	119,155	126,144	178,972	167,048	100,279	114,088	7119,129	77,615
COMMODITY MARKETS													
Volume of trading in grain futures:													
Corn..... mil. of bu.	169	199	216	153	128	237	198	154	103	140	142	190	154
Wheat..... do.	552	660	420	371	244	294	284	237	230	364	342	387	370
SECURITY MARKETS													
Brokers' Balances (N. Y. S. E. Members Carrying Margin Accounts)													
Cash on hand and in banks..... mil. of dol.	280						306						314
Customers' debit balances (net)..... do.	681	690	699	740	783	813	881	901	953	1,018	1,084	1,175	1,256
Customers' free credit balances..... do.	528	530	548	580	586	596	633	669	669	666	678	657	673
Money borrowed..... do.	493	399	404	418	416	445	523	493	522	579	619	750	827
Bonds													
Prices:													
Average price of all listed bonds (N. Y. S. E.), total§..... dollars.	100.98	101.40	101.82	101.80	101.81	102.00	102.43	102.11	101.95	101.78	101.53	101.43	100.94
Domestic..... do.	101.45	101.86	102.28	102.27	102.27	102.45	102.89	102.56	102.38	102.20	101.94	101.84	101.37
Foreign..... do.	71.40	71.77	72.07	71.82	72.48	72.92	73.70	74.46	74.80	75.48	75.81	75.89	73.92
Standard and Poor's Corporation:													
Industrial, utility, and railroad (A1+ issues):													
Composite (17 bonds)*..... dol. per \$100 bond.	120.2	120.9	121.7	122.1	121.9	122.2	122.5	122.7	122.7	122.7	122.5	122.1	122.0
Domestic municipal (15 bonds)..... do.	127.5	127.9	129.1	128.6	128.8	129.6	130.3	131.3	131.7	131.5	131.2	131.5	131.0
U. S. Treasury bonds, taxable..... do.	101.72	103.29	103.63	103.86	103.90	104.22	104.36	104.16	103.62	103.24	102.87	102.73	102.42
Sales:													
Total, excluding U. S. Government bonds:													
All registered exchanges:													
Market value..... thous. of dol.	49,004	72,615	60,737	47,468	51,480	64,646	84,642	107,958	67,512	88,494	77,916	84,941	100,444
Face value..... do.	67,171	87,224	78,549	59,560	68,959	84,467	111,120	144,088	84,939	116,471	97,114	96,720	113,114
New York Stock Exchange:													
Market value..... do.	46,165	69,941	57,108	44,469	47,938	60,157	80,274	103,400	63,443	84,757	75,161	82,036	97,466
Face value..... do.	63,433	84,074	73,916	55,721	64,706	79,064	105,909	138,310	78,760	111,305	93,378	92,926	109,088
New York Stock Exchange, exclusive of stopped sales, face value, total§..... thous. of dol.													
U. S. Government..... do.	64,257	64,021	66,223	55,413	63,934	74,692	99,080	119,727	68,487	98,704	85,117	82,347	105,474
Other than U. S. Government, total§..... do.	79,29	31	52	61	12	0	25	72	1	24	14	14	10
Domestic..... do.	64,228	63,990	66,171	55,352	63,922	74,692	99,058	119,702	68,415	98,703	85,092	82,333	105,464
Foreign..... do.	58,133	58,779	59,388	47,169	56,494	67,065	91,063	108,323	59,215	87,246	76,453	75,038	97,132
Value, issues listed on N. Y. S. E.:	6,036	5,166	6,769	8,166	7,412	7,598	7,938	11,280	9,161	11,420	8,616	7,261	8,262
Market value, total, all issues♠..... mil. of dol.													
Domestic..... do.	131,686	132,813	133,643	132,211	132,221	132,445	128,464	128,021	127,777	125,846	125,497	125,353	124,633
Foreign..... do.	130,000	131,124	131,956	130,535	130,509	130,726	126,755	126,290	126,054	124,116	123,766	123,633	122,957
Face value, total, all issues♠..... do.	1,432	1,436	1,432	1,422	1,458	1,463	1,452	1,475	1,469	1,476	1,477	1,466	1,421
Domestic..... do.	130,402	130,975	131,254	129,874	129,870	129,854	125,410	125,373	125,332	123,645	123,610	123,581	123,471
Foreign..... do.	128,146	128,724	129,017	127,644	127,608	127,597	123,190	123,142	123,119	121,440	121,411	121,400	121,298
Yields:	2,006	2,001	1,988	1,981	2,012	2,007	1,970	1,981	1,963	1,955	1,949	1,931	1,923
Domestic corporate (Moody's)..... percent.													
By ratings:													
Aaa..... do.	2.71	2.67	2.62	2.60	2.61	2.60	2.58	2.57	2.58	2.58	2.60	2.61	2.62
Aa..... do.	2.78	2.75	2.71	2.69	2.70	2.68	2.67	2.65	2.65	2.66	2.66	2.69	2.69
A..... do.	3.04	3.03	2.96	2.95	2.94	2.93	2.89	2.85	2.86	2.86	2.86	2.88	2.90
Baa..... do.	3.47	3.46	3.40	3.37	3.36	3.35	3.31	3.24	3.24	3.24	3.23	3.25	3.28
By groups:													
Industrial..... do.	2.78	2.75	2.70	2.68	2.68	2.67	2.65	2.63	2.63	2.64	2.64	2.65	2.66
Public utility..... do.	2.93	2.89	2.86	2.84	2.83	2.81	2.79	2.79	2.78	2.78	2.79	2.81	2.81
Railroad..... do.	3.29	3.29	3.21	3.19	3.20	3.20	3.14	3.07	3.08	3.08	3.08	3.12	3.15
Domestic municipal:													
Bond Buyer (20 cities)..... do.	2.20	2.13	2.12	2.16	2.13	2.11	2.08	2.05	2.02	2.01	2.03	1.99	2.00
Standard and Poor's Corp. (15 bonds)..... do.	2.28	2.26	2.20	2.22	2.21	2.17	2.13	2.08	2.06	2.07	2.08	2.07	2.09
U. S. Treasury bonds, taxable..... do.	2.38	2.27	2.24	2.22	2.22	2.20	2.19	2.20	2.24	2.27	2.30	2.31	2.33

* Revised. † Less than \$500,000.
 ‡ Revisions for 1948-April 1949 are available upon request. *New series. For S. E. C. data, see corresponding note on p. S-18. Bond prices are averages of weekly data for high-grade corporate issues; monthly data beginning 1900 are available upon request. † Revised series. See corresponding note on p. S-18.
 § Sales figures include bonds of the International Bank for Reconstruction and Development not shown separately; these bonds are included also in computing average price of all listed bonds. ♠ Total includes bonds of the International Bank for Reconstruction and Development not shown separately.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
FINANCE—Continued													
SECURITY MARKETS—Continued													
Stocks													
Cash dividend payments publicly reported:													
Total dividend payments.....mil. of dol.	809.8	491.1	191.6	721.1	465.8	189.6	1,482.1	530.2	213.2	818.4	483.2	210.6	892.1
Finance.....do.	68.3	101.8	37.0	43.7	71.7	27.8	135.3	103.3	37.1	54.6	78.4	31.3	73.5
Manufacturing.....do.	491.9	225.6	94.3	448.6	207.4	103.1	1,015.5	232.1	103.2	569.9	216.0	120.1	549.5
Mining.....do.	68.5	5.1	1.5	61.3	6.4	1.4	95.4	4.6	1.5	69.5	5.6	3.0	64.6
Public utilities:													
Communications.....do.	25.3	58.5	.4	25.5	58.4	.4	29.6	60.7	.5	28.0	63.0	.6	30.5
Heat, light, and power.....do.	50.7	44.0	41.2	47.7	57.7	41.9	59.1	46.3	40.6	52.6	49.3	42.0	60.5
Railroad.....do.	39.2	13.5	5.9	27.5	15.5	3.6	51.2	11.7	11.4	34.3	19.4	3.0	42.4
Trade.....do.	44.9	33.6	8.6	46.7	40.5	7.9	62.5	58.4	16.7	48.1	41.8	7.6	48.4
Miscellaneous.....do.	21.0	9.0	2.7	20.1	8.2	3.5	33.5	13.1	2.2	21.4	9.7	3.0	22.7
Dividend rates, prices, yields, and earnings, 200 common stocks (Moody's):													
Dividends per share, annual rate (200 stocks)													
dollars.....	3.05	3.04	3.03	3.01	3.01	3.26	3.27	3.26	3.27	3.27	3.29	3.32	3.34
Industrial (125 stocks).....do.	3.14	3.12	3.10	3.08	3.09	3.42	3.44	3.42	3.43	3.44	3.47	3.51	3.53
Public utility (24 stocks)†.....do.	1.67	1.67	1.66	1.68	1.68	1.68	1.69	1.70	1.70	1.70	1.71	1.74	1.74
Railroad (25 stocks).....do.	2.46	2.46	2.46	2.45	2.36	2.30	2.24	2.25	2.16	2.11	2.11	2.04	2.01
Bank (15 stocks).....do.	2.33	2.33	2.33	2.33	2.37	2.39	2.47	2.47	2.47	2.47	2.47	2.47	2.48
Insurance (10 stocks).....do.	2.03	2.03	2.03	2.10	2.11	2.11	2.34	2.40	2.40	2.40	2.41	2.41	2.41
Price per share, end of month (200 stocks).....do.	43.58	45.76	46.64	47.72	49.25	49.27	51.39	51.94	52.38	53.07	55.05	57.32	54.09
Industrial (125 stocks).....do.	43.48	46.01	46.91	48.18	49.94	49.89	52.28	52.58	52.88	53.76	56.17	58.79	55.56
Public utility (24 stocks)†.....do.	27.02	28.03	28.76	29.58	29.82	29.81	30.57	31.60	31.91	32.08	32.47	33.51	31.07
Railroad (25 stocks).....do.	26.52	27.43	27.52	28.30	28.26	28.37	30.42	31.70	31.52	31.30	31.38	31.64	29.49
Yield (200 stocks).....percent.	7.00	6.64	6.50	6.31	6.11	6.62	6.36	6.28	6.24	6.16	5.98	5.79	6.17
Industrial (125 stocks).....do.	7.22	6.78	6.61	6.39	6.19	6.86	6.58	6.50	6.49	6.40	6.18	5.97	6.35
Public utility (24 stocks)†.....do.	6.18	5.96	5.77	5.68	5.63	5.64	5.50	5.35	5.33	5.30	5.27	5.19	5.60
Railroad (25 stocks).....do.	9.28	8.97	8.94	8.66	8.35	8.11	7.36	7.10	6.85	6.74	6.72	6.45	6.92
Bank (15 stocks).....do.	4.76	4.70	4.51	4.52	4.41	4.61	4.54	4.55	4.32	4.42	4.38	4.26	4.54
Insurance (10 stocks).....do.	3.52	3.35	3.26	3.21	3.10	3.00	3.18	3.37	3.28	3.30	3.44	3.29	3.41
Earnings per share (at annual rate), quarterly:													
Industrial (125 stocks).....dollars	6.00			6.75			7.05			P 6.60			
Public utility (24 stocks)†.....do.	2.28			2.37			2.36			P 2.52			
Railroad (25 stocks).....do.	4.04			3.45			5.47			P 1.37			
Dividend yields, preferred stocks, high-grade, 11 stocks (Standard and Poor's Corp.).....percent.	3.98	3.97	3.90	3.85	3.88	3.89	3.88	3.83	3.84	3.81	3.82	3.82	3.85
Prices:													
Average price of all listed shares (N. Y. S. E.)													
Dec. 31, 1924=100.....	67.0	70.1	71.3	73.1	75.9	76.2	79.1	72.53	73.64	74.52	75.86	77.68	77.37
Dow-Jones & Co., Inc. (65 stocks) dol. per share.....	59.25	61.61	63.79	64.68	66.66	67.98	70.35	72.53	73.64	74.52	75.86	77.68	77.37
Industrial (30 stocks).....do.	165.59	173.34	179.24	180.93	186.47	191.61	196.78	199.79	203.46	206.30	212.67	219.36	221.02
Public utility (15 stocks).....do.	34.31	35.31	36.54	37.65	38.25	39.22	40.55	41.52	42.62	43.16	42.86	43.61	43.04
Railroad (20 stocks).....do.	42.89	44.31	46.14	46.65	48.68	48.46	51.21	54.68	55.16	55.48	55.72	56.36	54.96
Standard and Poor's Corporation:													
Industrial, public utility, and railroad:§													
Combined index (416 stocks).....1935-30=100.....	112.0	117.8	121.8	123.8	127.3	129.1	132.7	135.1	136.7	138.8	141.8	146.9	147.7
Industrial, total (365 stocks).....do.	117.0	123.8	128.0	130.3	134.4	136.5	140.3	142.6	144.4	146.5	150.0	156.1	157.6
Capital goods (121 stocks).....do.	104.3	110.5	114.5	116.0	119.7	123.8	128.6	132.1	134.5	136.3	141.4	148.9	149.7
Consumers' goods (182 stocks).....do.	116.7	123.9	127.4	129.2	133.0	135.2	140.2	143.4	145.3	146.5	148.7	152.4	154.6
Public utility (31 stocks).....do.	93.0	95.4	98.5	100.0	101.2	102.6	104.1	105.8	107.4	109.6	111.0	112.8	111.5
Railroad (20 stocks).....do.	88.4	90.6	94.2	95.1	97.6	96.2	101.0	107.8	107.2	108.5	109.5	109.7	107.1
Banks, N. Y. C. (19 stocks).....do.	91.0	92.5	95.5	96.8	99.5	99.3	99.6	101.8	104.2	107.7	104.5	107.9	108.5
Fire and marine insurance (18 stocks).....do.	134.5	138.1	144.9	149.0	157.2	160.1	168.1	168.5	169.0	170.6	166.7	166.4	171.0
Sales (Securities and Exchange Commission):													
Total on all registered exchanges:													
Market value.....mil. of dol.	705	626	807	871	1,083	1,222	1,480	1,663	1,374	1,690	1,807	1,866	1,949
Shares sold.....thousands	39,437	37,950	39,057	40,457	51,455	55,245	68,535	73,807	59,210	67,872	86,339	81,089	73,396
On New York Stock Exchange:													
Market value.....mil. of dol.	587	526	672	729	906	1,035	1,252	1,409	1,164	1,422	1,532	1,605	1,680
Shares sold.....thousands	28,776	29,139	28,977	29,937	38,474	40,464	52,028	56,037	45,078	54,725	64,018	62,181	57,257
Exclusive of odd lot and stopped sales (N. Y. Times):													
thousands.....	17,767	18,752	21,785	23,837	28,891	27,244	39,293	42,576	33,406	40,411	48,245	41,604	45,647
Shares listed, New York Stock Exchange:													
Market value, all listed shares.....mil. of dol.	63,921	67,279	68,668	70,700	72,631	73,175	76,292	77,940	78,639	79,483	82,415	85,625	80,652
Number of shares listed.....millions	2,140	2,150	2,154	2,162	2,145	2,152	2,166	2,181	2,184	2,204	2,213	2,225	2,236

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES

BALANCE OF PAYMENTS (QUARTERLY)													
Goods and services:													
Receipts, total.....mil. of dol.	4,442			3,685			3,506			3,190			
For goods exported.....do.	3,455			2,770			2,664			2,424			
Income on investments abroad.....do.	351			315			359			284			
For other services rendered.....do.	636			600			483			482			
Payments, total.....do.	2,418			2,346			2,401			2,537			
For goods imported.....do.	1,761			1,593			1,830			1,968			
For foreign investments in U. S.....do.	71			68			92			82			
For other services received.....do.	586			685			479			487			
Unilateral transfers (net), total.....do.	-1,683			-1,403			-1,212			-1,120			
Private.....do.	-126			-112			-138			-112			
Government.....do.	-1,557			-1,291			-1,074			-1,008			
Long-term capital movements (net), total.....do.	-328			-57			-170			-179			
Private.....do.	-222			-23			-135			-107			
Government.....do.	-106			-34			-35			-72			
Gold and short-term capital movements (net), total.....mil. of dol.	-203			-375			+336			+458			
Gold and foreign short-term capital in U. S.....do.	-412			-269			+378			+326			
U. S. capital abroad.....do.	+119			-106			-42			+132			
Errors and omissions.....do.	+280			+496			-69			+188			

† Preliminary. * Revised.

‡ Revised series. Data for American Telephone and Telegraph stock (included in figures for 200 stocks) are excluded. Monthly data for 1929-48 are available upon request.

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

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—Continued													
FOREIGN TRADE:													
Indexes													
Exports of U. S. merchandise:													
Quantity.....1923-25=100.....	233	194	191	196	189	186	208	164	172	194	182	188	
Value.....do.....	294	239	234	241	227	223	251	197	204	230	214	218	
Unit value.....do.....	126	123	123	123	120	120	121	120	119	119	118	116	
Imports for consumption:													
Quantity.....do.....	134	117	132	135	144	154	153	158	148	164	141	162	
Value.....do.....	196	144	161	166	176	186	187	195	185	206	179	205	
Unit value.....do.....	124	123	122	123	123	121	122	123	125	126	127	127	
Agricultural products, quantity:													
Exports, domestic, total:													
Unadjusted.....1924-29=100.....	115	84	91	93	99	99	116	89	98	103	98	89	
Adjusted.....do.....	159	118	104	77	72	77	93	85	113	116	124	122	
Total, excluding cotton:													
Unadjusted.....do.....	154	133	154	152	136	133	136	100	103	110	126	102	
Adjusted.....do.....	181	164	155	124	106	117	122	104	124	125	150	120	
Imports for consumption:													
Unadjusted.....do.....	97	91	97	102	98	114	111	112	109	114	104	103	
Adjusted.....do.....	104	100	105	107	99	120	108	105	105	101	98	105	
Shipping Weight													
Water-borne trade:													
Exports, including reexports, thous. of long tons...	7,945	4,907	5,459	4,553	3,083	3,705	3,815	2,628	2,676	3,012	4,458		
General imports.....do.....	5,829	5,750	5,975	6,247	6,271	6,298	6,058	6,654	5,289	7,196	6,416		
Value													
Exports, including reexports, total.....mil. of dol..	1,104	899	880	906	850	836	943	746	773	868	810	825	876
By geographic regions:													
Africa.....thous. of dol..	76,554	54,945	37,710	49,814	42,535	33,878	47,657	24,315	31,606	28,220	29,665	29,591	
Asia and Oceania.....do.....	212,065	194,900	172,162	185,152	173,271	149,181	197,019	145,739	150,002	169,515	132,051	150,523	
Europe.....do.....	302,153	280,243	280,740	286,450	285,171	277,712	324,487	237,455	269,117	287,920	264,173	238,641	
Northern North America.....do.....	185,614	150,917	169,744	152,317	146,986	150,228	144,987	128,432	119,980	148,698	165,508	191,586	
Southern North America.....do.....	104,961	89,482	106,499	104,897	104,689	128,440	118,302	114,681	99,691	124,577	104,281	107,934	
South America.....do.....	132,584	128,403	112,752	127,058	97,665	96,633	110,401	92,931	99,580	108,170	112,373	106,527	
Total exports by leading countries:													
Africa:													
Egypt.....do.....	4,501	4,287	3,636	3,589	2,991	3,546	2,758	2,338	2,160	1,714	2,764	3,416	
Union of South Africa.....do.....	29,136	23,416	17,525	18,076	20,411	13,952	18,729	6,876	8,592	9,198	11,832	12,189	
Asia and Oceania:													
Australia, including New Guinea.....do.....	12,599	12,936	7,937	10,606	11,419	8,064	13,333	10,179	8,065	10,361	10,193	6,906	
British Malaya.....do.....	2,938	2,965	2,816	2,616	2,167	1,839	2,037	1,275	1,706	1,408	1,424	1,586	
China.....do.....	2,090	2,433	965	820	280	714	3,250	3,400	8,199	4,186	838	599	
India and Pakistan.....do.....	36,303	22,930	16,580	14,177	14,986	9,977	17,328	16,818	20,521	36,552	18,384	31,458	
Japan.....do.....	41,471	41,042	34,333	42,586	32,147	24,479	39,237	34,238	33,895	30,429	28,030	36,239	
Indonesia.....do.....	9,740	8,434	7,944	6,605	5,813	4,243	12,032	9,616	6,382	6,842	7,591	6,989	
Republic of the Philippines.....do.....	31,847	36,335	28,954	32,821	38,966	35,190	41,425	19,601	17,343	24,011	23,945	22,238	
Europe:													
France.....do.....	62,063	25,423	22,868	26,853	29,279	32,175	30,717	36,960	39,011	33,272	20,331	25,654	
Germany.....do.....	59,186	64,137	63,412	63,379	59,107	64,177	60,807	33,968	32,267	41,891	36,662	37,178	
Italy.....do.....	51,872	23,370	19,139	20,420	28,407	23,873	37,627	27,523	32,343	31,846	40,326	34,347	
Union of Soviet Socialist Republics.....do.....	60	422	128	80	60	21	122	13	130	38	292	77	
United Kingdom.....do.....	78,274	50,294	53,203	52,346	55,905	42,496	54,934	28,997	55,966	54,683	49,931	29,284	
North and South America:													
Canada, incl. Newfoundland and Labrador.....do.....	185,596	150,844	169,739	152,314	146,983	150,188	144,982	128,430	119,976	148,693	165,498	191,519	
Latin-American Republics, total.....do.....	221,369	203,379	204,310	217,400	190,488	207,879	214,270	196,644	188,751	214,694	205,134	204,432	
Argentina.....do.....	8,307	13,689	13,731	11,530	10,322	9,419	8,730	10,751	15,624	11,551	10,344	11,818	
Brazil.....do.....	33,974	28,900	25,025	32,918	19,464	18,915	18,954	18,672	19,498	22,824	22,670	21,862	
Chile.....do.....	14,230	12,625	10,071	12,920	8,952	9,289	12,698	6,823	6,306	6,712	5,539	6,096	
Colombia.....do.....	14,115	13,335	9,662	11,738	11,644	12,456	16,403	14,261	13,955	17,303	22,755	23,612	
Cuba.....do.....	29,241	25,531	26,610	30,963	34,777	32,872	38,254	32,508	27,336	33,837	32,983	31,243	
Mexico.....do.....	36,078	32,993	31,456	30,796	35,888	35,671	37,676	39,244	34,323	38,419	36,083	35,533	
Venezuela.....do.....	44,278	43,347	38,438	41,799	34,287	33,014	36,763	30,965	32,076	36,237	38,748	30,286	
Exports of U. S. merchandise, total.....mil. of dol..	1,093	889	872	896	844	829	934	736	765	858	801	813	865
By economic classes:													
Crude materials.....thous. of dol..	179,646	97,875	108,346	122,821	133,784	130,476	171,884	121,899	141,365	165,638	146,027	167,516	
Crude foodstuffs.....do.....	111,521	98,529	124,509	102,400	83,982	94,245	91,834	66,600	68,476	64,465	65,536	55,047	
Manufactured foodstuffs and beverages.....do.....	86,958	71,411	49,726	52,437	63,495	59,198	63,826	49,109	44,053	48,203	54,399	49,202	
Semimanufactures.....do.....	125,859	104,652	100,590	104,389	80,786	83,640	101,143	77,509	86,874	91,319	87,205	89,691	
Finished manufactures.....do.....	580,324	516,581	488,892	514,449	475,791	461,128	505,362	419,460	420,680	488,168	445,575	451,786	
By principal commodities:													
Agricultural products, total.....do.....	320,158	235,438	244,509	245,842	260,071	258,919	299,853	224,510	246,013	260,705	234,389	233,593	
Cotton, unmanufactured.....do.....	90,191	38,607	28,381	36,126	69,358	71,704	106,050	84,414	105,389	111,492	78,875	90,245	
Fruits, vegetables, and preparations.....do.....	13,813	10,799	9,389	11,299	18,402	16,129	14,893	10,107	15,757	14,513	13,929	14,448	
Grains and preparations.....do.....	118,565	110,907	125,374	105,949	93,117	99,324	104,866	80,343	70,179	66,517	68,441	54,025	
Packing-house products.....do.....	21,716	14,140	12,938	12,321	10,213	12,599	14,177	10,366	13,815	15,095	10,463	10,036	
Nonagricultural products, total.....do.....	773,149	653,610	627,554	650,653	583,768	569,767	634,197	510,067	515,434	597,089	564,354	579,650	
Aircraft, parts, and accessories.....do.....	17,449	17,891	16,776	17,224	15,257	17,702	110,954	11,386	14,653	12,457	17,957	9,150	
Automobiles, parts, and accessories.....do.....	61,374	59,525	53,421	56,633	53,359	44,441	41,434	44,015	46,937	48,610	46,278	53,903	
Chemicals and related products.....do.....	64,378	58,801	58,549	58,190	58,397	62,175	67,047	50,259	53,398	62,161	60,220	61,295	
Copper and manufactures.....do.....	7,832	4,243	3,539	5,514	3,727	5,053	9,390	4,717	8,130	7,215	6,580	5,525	
Iron and steel-mill products.....do.....	78,761	67,795	64,125	67,699	37,768	26,227	48,866	41,436	40,375	39,879	38,893	40,500	
Machinery, total.....do.....	223,165	202,673	179,053	191,715	175,995	169,082	202,808	161,646	159,524	193,745	174,251	173,933	
Agricultural.....do.....	13,041	11,332	10,108	8,892	7,897	6,838	6,527	7,808	7,923	10,669	10,883	10,759	
Tractors, parts, and accessories.....do.....	126,644	124,372	120,978	124,192	120,700	119,540	123,412	122,580	121,328	124,224	121,926	122,773	
Electrical.....do.....	136,701	133,712	135,290	131,050	133,977	131,824	137,746	127,457	130,517	136,905	130,631	129,695	
Metal working.....do.....	17,109	19,194	14,836	15,792	16,046	16,238	17,008	13,837	15,741	20,750	17,374	17,037	
Other industrial.....do.....	107,957	89,520	79,794	91,584	76,145	74,943	90,580	70,522	67,200	81,197	74,084	75,370	
Petroleum and products.....do.....	47,193	39,965	48,708	40,397	42,694	4							

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949						1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—Continued

FOREIGN TRADE—Continued													
Value—Continued													
General imports, total.....thous. of dol.	525,964	456,413	490,747	530,794	559,106	593,694	605,068	622,698	600,300	664,400	583,304	658,900	685,600
By geographic regions:													
Africa.....do	27,632	23,491	20,014	29,182	27,105	27,214	34,342	26,394	48,705	46,997	28,599	37,635	-----
Asia and Oceania.....do	106,298	94,060	101,604	97,722	110,047	118,257	106,957	127,565	114,435	125,648	139,692	137,613	-----
Europe.....do	69,156	58,355	64,297	78,947	79,954	89,611	81,030	89,337	79,550	97,037	83,073	94,419	-----
Northern North America.....do	131,306	108,068	120,960	119,571	139,352	157,379	145,348	127,895	125,701	149,985	132,203	167,734	-----
Southern North America.....do	81,608	68,441	68,610	68,631	69,770	69,022	69,716	88,458	89,413	111,774	81,569	95,852	-----
South America.....do	109,963	103,997	115,263	136,742	132,878	132,210	167,676	163,049	140,924	131,842	118,167	125,902	-----
By leading countries:													
Africa:													
Egypt.....do	76	189	62	6,907	170	295	404	3,290	9,701	10,998	593	262	-----
Union of South Africa.....do	7,097	9,339	8,119	9,658	12,439	14,010	12,288	6,540	9,010	11,841	8,252	11,189	-----
Asia and Oceania:													
Australia, including New Guinea.....do	11,812	2,727	5,183	4,647	5,153	6,587	11,638	18,006	13,111	7,535	11,008	13,148	-----
British Malaya.....do	9,901	10,822	17,082	15,496	15,475	18,589	12,702	19,121	19,003	16,472	17,507	21,750	-----
China.....do	5,805	7,749	8,846	6,470	9,430	13,304	6,729	8,639	6,940	10,081	9,055	11,070	-----
India and Pakistan.....do	21,833	14,140	17,252	18,573	20,545	22,670	23,131	21,362	19,233	26,380	26,644	20,355	-----
Japan.....do	6,637	5,574	5,771	6,792	6,275	8,035	7,013	9,553	9,552	11,828	10,068	17,152	-----
Indonesia.....do	11,368	8,979	8,970	10,086	12,090	10,628	9,289	8,958	5,608	7,007	19,357	7,107	-----
Republic of the Philippines.....do	20,442	21,813	20,569	16,166	17,043	14,962	10,175	15,045	14,181	16,268	19,362	21,589	-----
Europe:													
France.....do	3,672	3,872	4,998	4,844	4,996	6,580	5,456	5,466	6,776	8,092	5,994	6,542	-----
Germany.....do	2,896	1,499	2,836	2,484	2,588	4,054	4,333	4,563	4,069	5,367	6,001	4,897	-----
Italy.....do	6,326	5,430	6,817	4,406	7,518	6,634	5,778	5,121	5,552	9,550	7,350	5,798	-----
Union of Soviet Socialist Republics.....do	4,637	3,531	2,961	7,090	2,765	1,766	1,700	2,437	4,575	3,464	2,827	3,558	-----
United Kingdom.....do	14,707	15,106	16,102	20,623	18,919	22,718	21,210	18,168	17,767	20,961	18,303	23,901	-----
North and South America:													
Canada, incl. Newfoundland and Labrador.....thous. of dol.	131,108	108,067	120,552	119,571	139,201	157,177	144,996	127,895	125,701	149,985	132,057	167,589	-----
Latin-American Republics, total.....do	181,044	162,131	174,557	193,458	188,702	189,204	221,507	235,282	219,452	226,967	185,203	207,159	-----
Argentina.....do	7,532	5,637	5,044	6,716	8,767	6,079	16,247	19,007	18,544	18,337	17,686	15,881	-----
Brazil.....do	36,943	34,000	39,866	53,784	48,851	61,518	80,747	55,243	41,908	42,999	43,720	45,149	-----
Chile.....do	14,367	7,648	11,955	10,046	6,519	7,547	8,933	9,912	12,083	10,022	8,713	16,248	-----
Colombia.....do	18,324	22,609	21,844	20,604	23,754	22,716	21,345	30,004	28,283	18,736	15,663	13,357	-----
Cuba.....do	35,080	30,363	33,349	32,670	32,014	27,586	12,553	18,625	30,808	47,824	29,650	36,598	-----
Mexico.....do	23,761	13,356	15,081	15,670	16,772	19,562	23,478	27,261	22,517	23,708	21,277	26,598	-----
Venezuela.....do	21,022	23,620	21,680	23,357	27,004	22,624	27,565	32,232	21,823	28,471	26,499	23,423	-----
Imports for consumption, total.....do	529,489	458,938	513,086	528,887	561,906	592,542	595,065	621,755	590,200	659,800	571,728	653,800	679,100
By economic classes:													
Crude materials.....do	149,220	126,178	137,883	160,163	160,669	154,772	162,817	183,716	169,177	184,071	161,918	167,979	-----
Crude foodstuffs.....do	102,098	92,462	91,746	103,233	110,520	139,790	152,994	154,319	139,523	128,459	109,378	117,124	-----
Manufactured foodstuffs and beverages.....do	68,118	65,124	69,227	59,467	64,824	61,783	41,386	46,582	58,090	60,124	61,864	75,971	-----
Semimanufactures.....do	110,598	84,856	114,424	106,284	121,122	129,863	133,963	137,663	129,635	145,694	130,383	169,049	-----
Finished manufactures.....do	99,456	90,318	99,806	99,740	104,770	106,334	103,904	99,475	92,228	120,312	108,184	123,879	-----
By principal commodities:													
Agricultural products, total.....do	233,310	205,067	225,334	239,533	242,027	271,078	272,295	292,284	294,704	306,496	262,724	278,788	-----
Coffee.....do	56,038	58,542	55,294	65,992	65,812	77,582	105,684	104,945	84,391	73,089	64,126	58,679	-----
Hides and skins.....do	6,173	6,168	7,044	6,661	6,045	5,646	6,470	7,539	7,175	7,973	7,653	8,506	-----
Rubber, crude, including guayule.....do	19,198	16,649	17,171	15,165	15,892	22,339	22,631	19,837	19,218	22,947	29,659	23,786	-----
Silk, unmanufactured.....do	86	23	45	71	156	115	301	1,238	1,270	1,192	1,588	1,215	-----
Sugar.....do	38,186	36,525	37,683	27,741	29,276	23,758	6,827	15,782	27,614	43,344	30,393	37,067	-----
Wool and mohair, unmanufactured.....do	15,605	11,671	20,734	22,553	22,472	22,138	26,053	37,061	35,081	31,863	27,925	31,055	-----
Nonagricultural products, total.....do	296,179	253,871	287,753	289,354	319,879	321,464	322,770	329,471	293,949	352,164	309,003	375,213	-----
Furs and manufactures.....do	8,100	9,270	8,270	11,002	13,651	4,542	7,828	11,368	6,599	9,318	5,792	8,030	-----
Nonferrous ores, metals, and manufactures, total.....thous. of dol.	66,374	39,486	59,252	51,021	59,711	56,411	53,588	63,082	59,510	54,018	43,866	71,606	-----
Copper, incl. ore and manufactures.....do	17,763	11,007	15,196	13,179	13,024	14,377	19,213	19,253	20,026	14,862	11,789	23,283	-----
Tin, including ore.....do	13,495	11,685	18,892	21,370	26,707	17,850	8,691	17,360	15,340	10,593	6,955	17,456	-----
Paper base stocks.....do	17,619	14,253	16,495	13,677	19,132	24,318	20,868	22,623	19,747	21,696	15,898	21,438	-----
Newspprint.....do	37,261	35,942	38,192	33,636	37,498	35,735	38,921	34,576	31,708	35,606	33,703	44,927	-----
Petroleum and products.....do	37,473	36,490	35,546	38,191	46,281	43,429	48,576	54,332	38,186	51,305	47,675	45,509	-----

TRANSPORTATION AND COMMUNICATIONS

TRANSPORTATION													
Airlines													
Operations on scheduled airlines:													
Miles flown, revenue.....thousands	28,089	29,257	29,370	28,084	28,116	28,037	26,014	24,946	23,696	26,001	27,206	28,868	-----
Express and freight carried.....short tons	14,350	13,082	15,734	18,161	19,014	18,709	22,007	15,784	14,529	17,329	18,121	19,287	-----
Express and freight ton-miles flown.....thousands	8,977	8,177	10,177	11,281	11,791	11,425	13,460	9,714	9,276	11,443	11,166	12,418	-----
Mail ton-miles flown.....do	3,233	2,915	3,116	3,094	3,248	3,310	4,952	3,302	3,217	3,685	3,493	3,741	-----
Passengers carried, revenue.....do	1,389	1,342	1,326	1,339	1,286	1,080	941	915	1,109	1,259	1,419	1,419	-----
Passenger-miles flown, revenue.....do	659,605	621,449	607,332	616,559	593,402	490,167	464,170	468,709	466,757	552,098	617,914	605,511	-----
Express Operations													
Operating revenues.....thous. of dol.	20,877	19,736	19,324	20,487	19,808	20,077	23,190	19,566	18,655	19,372	18,304	18,501	-----
Operating income.....do	1	485	446	51	41	18	19	54	56	67	42	67	-----
Local Transit Lines													
Fares, average cash rate.....cents	9.3114	9.3869	9.4501	9.4793	9.5158	9.5523	9.6399	9.8029	9.8029	9.8428	9.8516	9.9051	9.9343
Passengers carried, revenue.....millions	1,268	1,169	1,193	1,220	1,265	1,226	1,293	1,236	1,135	1,274	1,191	1,227	1,152
Operating revenues.....thous. of dol.	122,000	116,400	121,600	116,800	125,100	124,200	135,100	121,100	114,000	123,700	121,300	124,400	-----
Class I Steam Railways													
Freight carloadings (A. A. R.): ²													
Total cars.....thousands	3,603	2,762	2,923	3,391	2,339	2,638	3,121	2,393	2,288	3,446	2,875	2,980	3,905
Coal.....do	560	393	459	410	205	559	626						

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey

TRANSPORTATION AND COMMUNICATIONS—Continued

	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
TRANSPORTATION—Continued													
Class I Steam Railways—Continued													
Freight carloadings (Federal Reserve indexes):													
Total, unadjusted..... 1935-39=100.....	119	115	120	114	99	120	107	107	96	120	122	125	131
Coal.....do.....	98	79	103	60	42	131	97	97	46	139	123	119	116
Coke.....do.....	147	115	119	128	53	96	155	158	130	144	177	179	188
Forest products.....do.....	127	117	131	130	131	135	119	106	115	123	129	139	150
Grain and grain products.....do.....	159	212	149	140	153	149	123	119	111	116	115	112	133
Livestock.....do.....	54	60	73	104	131	95	69	68	52	53	61	59	51
Ore.....do.....	282	284	240	218	35	51	45	42	39	39	63	217	277
Merchandise, l. c. l.....do.....	57	55	57	55	56	55	50	49	51	54	54	51	52
Miscellaneous.....do.....	126	121	128	135	121	124	120	122	122	127	135	135	142
Total, adjusted.....do.....	115	110	117	105	92	117	115	117	104	127	126	122	127
Coal.....do.....	98	79	103	60	42	131	97	97	46	139	123	119	116
Coke.....do.....	150	118	123	130	54	96	148	151	122	143	181	181	192
Forest products.....do.....	122	117	125	121	124	137	134	118	119	123	129	134	144
Grain and grain products.....do.....	156	177	138	153	152	131	119	113	126	131	127	130	130
Livestock.....do.....	70	70	77	79	85	75	72	70	65	67	68	66	67
Ore.....do.....	182	177	160	145	28	42	146	169	156	134	121	121	179
Merchandise, l. c. l.....do.....	58	55	57	52	54	52	52	52	52	53	53	51	52
Miscellaneous.....do.....	122	120	122	125	111	119	127	133	130	134	137	133	138
Freight-car surplus and shortage, daily average:													
Car surplus, total.....number.....	60,083	86,418	63,827	74,745	190,978	100,208	44,382	110,945	165,541	76,055	18,362	12,178	6,625
Box cars.....do.....	35,263	17,839	11,103	7,697	3,451	2,368	8,303	17,425	11,701	4,867	5,103	3,189	1,949
Coal cars.....do.....	14,786	59,834	43,570	62,109	183,594	92,938	25,833	77,385	139,311	58,377	4,589	1,957	513
Car shortage, total.....do.....	388	1,741	2,451	3,582	10,924	5,964	1,021	224	509	5,012	4,906	6,603	11,491
Box cars.....do.....	184	1,632	2,254	3,173	10,346	3,918	448	111	414	2,749	2,795	2,986	5,845
Coal cars.....do.....	32	5	113	104	132	1,909	517	37	16	2,121	1,810	3,080	4,748
Financial operations (unadjusted):													
Operating revenues, total.....thous. of dol.....	* 735,451	700,648	742,877	694,969	648,924	704,806	710,830	657,044	584,928	743,326	713,820	745,406	779,182
Freight.....do.....	* 592,518	562,811	606,201	560,491	534,885	587,060	575,664	537,338	481,965	630,542	601,801	634,747	649,228
Passenger.....do.....	77,076	82,594	78,606	69,833	60,993	63,776	74,379	69,725	57,845	59,555	60,555	56,801	71,660
Operating expenses.....do.....	* 588,192	569,818	587,116	540,988	520,920	537,354	568,292	546,665	501,113	574,408	592,625	580,507	588,763
Tax accruals, joint facility and equipment rents.....thous. of dol.....	* 86,147	80,493	90,034	90,444	81,219	91,869	73,229	77,622	68,574	93,211	88,978	97,808	100,372
Net railway operating income.....do.....	* 61,112	50,337	65,727	63,538	46,786	75,582	69,309	32,758	15,236	75,706	62,217	67,032	90,947
Net income.....do.....	42,476	26,801	39,061	38,131	23,592	54,425	82,455	11,016	* 9,501	49,437	37,530	45,221	.....
Financial operations, adjusted:													
Operating revenues, total.....mil. of dol.....	748.3	700.9	697.3	685.2	622.9	708.5	712.1	688.6	638.4	722.5	729.8	715.2	.....
Freight.....do.....	614.5	570.1	569.0	560.2	511.0	588.8	584.0	565.0	522.9	607.4	613.8	604.6	.....
Passenger.....do.....	74.4	75.7	70.1	70.1	66.7	73.0	73.0	64.1	60.2	60.2	62.7	67.4	.....
Railway expenses.....do.....	677.0	649.8	659.1	633.1	591.9	636.4	631.5	628.9	606.3	655.1	666.6	660.9	.....
Net railway operating income.....do.....	71.3	51.1	38.2	52.1	31.0	72.0	80.6	59.8	32.1	67.4	63.2	54.3	.....
Net income.....do.....	37.8	19.0	5.2	18.9	0	39.3	49.1	29.1	1.3	* 35.8	* 31.6	* 22.7	.....
Operating results:													
Freight carried 1 mile.....mil. of ton-miles.....	47,964	44,991	47,107	44,219	40,554	46,036	45,190	41,793	36,383	50,937	49,687	51,155	.....
Revenue per ton-mile.....cents.....	1,332	1,345	1,338	1,363	1,400	1,356	1,343	1,370	1,407	1,318	1,289	1,314	.....
Passengers carried 1 mile, revenue.....millions.....	3,111	3,385	3,256	2,910	2,533	2,488	2,912	2,730	2,215	2,304	2,362	2,215	.....
Waterway Traffic													
Clearances, vessels in foreign trade:													
Total U. S. ports.....thous. of net tons.....	8,401	7,300	7,486	7,285	6,494	6,367	6,458	5,619	5,429	6,465	7,091	7,638	.....
Foreign.....do.....	4,586	4,008	4,098	3,888	3,396	3,433	3,479	3,095	2,933	3,665	3,928	4,503	.....
United States.....do.....	3,816	3,292	3,390	3,396	3,099	2,934	2,979	2,523	2,496	2,800	3,163	3,135	.....
Panama Canal:													
Total.....thous. of long tons.....	2,330	2,387	1,979	2,125	2,297	2,079	2,638	2,508	2,565	2,762	2,365	2,606	2,562
In United States vessels.....do.....	1,116	1,047	928	1,166	1,313	1,079	1,576	1,412	1,588	1,551	1,359	1,447	1,460
Travel													
Hotels:													
Average sale per occupied room.....dollars.....	5.48	5.27	5.84	5.50	5.71	5.81	5.25	5.41	5.43	5.25	5.73	5.26	.....
Rooms occupied.....percent of total.....	84	78	81	86	86	80	67	80	83	81	83	83	.....
Restaurant sales index.....same month 1929=100.....	233	211	222	223	213	218	194	211	215	208	230	239	.....
Foreign travel:													
U. S. citizens, arrivals.....number.....	51,062	64,588	79,459	73,171	54,039	39,205	40,723	40,553	51,656	59,457	53,434	50,283	.....
U. S. citizens, departures.....do.....	177,695	177,419	153,058	141,927	137,141	131,601	137,182	142,388	154,884	165,541	162,417	160,090	.....
Emigrants.....do.....	2,568	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Immigrants.....do.....	20,809	* 24,134	* 25,554	* 26,006	* 27,243	* 21,918	* 23,972	* 14,000	* 15,000	* 16,000	* 16,000	* 19,500	* 18,000
Passports issued.....do.....	32,294	19,688	19,847	15,501	13,592	13,608	13,932	22,069	30,156	39,187	36,607	41,453	41,233
National parks, visitors.....thousands.....	1,732	3,333	3,126	1,446	678	298	188	187	237	304	560	886	1,930
Pullman Co.: Revenue passenger-miles.....millions.....	887	841	825	833	807	785	830	1,026	845	865	808	664	.....
Passenger revenues.....thous. of dol.....	8,135	7,731	7,587	7,732	7,512	7,260	7,750	9,577	7,881	8,069	7,555	6,229	.....
COMMUNICATIONS													
Telephone carriers:													
Operating revenues.....thous. of dol.....	253,432	249,852	258,353	257,096	262,534	262,745	271,879	271,019	262,131	280,803	275,806	.....	.....
Station revenues.....do.....	146,744	144,576	146,891	149,629	154,018	156,367	159,895	161,650	159,375	164,709	163,935	.....	.....
Tolls, message.....do.....	88,828	87,490	93,449	89,507	90,258	88,159	93,536	90,417	84,093	97,096	92,636	.....	.....
Operating expenses, before taxes.....do.....	196,856	195,617	199,772	196,780	195,137	196,809	205,535	200,786	191,542	204,642	196,628	.....	.....
Net operating income.....do.....	26,458	24,671	27,433	28,827	33,119	32,277	32,729	32,603	33,198	36,448	37,873	.....	.....
Phones in service, end of month.....thousands.....	34,635	34,766	34,902	35,059	35,231	35,408	35,635	36,426	36,605	36,813	36,999	.....	.....
Telegraph, cable, and radiotelegraph carriers:													
Wire-telegraph:													
Operating revenues.....thous. of dol.....	15,098	13,582	14,870	14,523	13,944	13,413	14,584	13,241	12,636	14,565	13,755	15,192	.....
Operating expenses, incl. depreciation.....do.....	13,901	13,939	13,964	13,420	12,984	12,673	13,363	12,756	11,887	12,798	12,467	13,262	.....
Net operating revenues.....do.....	360	* 1,123	156	314	253	62	62	485	* 85	907	474	1,090	.....
Ocean-cable:													
Operating revenues.....do.....	2,019	1,826	1,892	1,948	1,817	1,788	1,882	1,762	1,620	1,901	1,646	1,902	.....
Operating expenses, incl. depreciation.....do.....	1,822	1,764	1,733	1,617	1,506	1,548	1,660	1,548	1,584	1,703	1,568	1,612	.....
Net operating revenues.....do.....	* 1	* 127	* 159	* 149	* 145	* 74	* 38	* 31	* 113	* 13	* 105	* 116	.....
Radiotelegraph:													
Operating revenues.....do.....	1,950	1,793	1,925	1,957	1,938	1,938	2,262	1,883	1,784	2,017	1,774	1,967	.....
Operating expenses, incl. depreciation.....do.....	1,845	1,809	1,800	1,696	1,741	1,827	1,973	1,790	1,700	1,835	1,742	1,803	.....
Net operating revenues.....do.....	16	* 89	46	185	126	46	205	* 80	* 13	83	* 71	64	.....

* Revised. * Preliminary. * Deficit. † Revised data for May 1949, \$32,086,000.

† Beginning July 1949, data exclude departures via international land borders; land-border departures during the 12 months ended June 1949 amounted to less than 1 percent of total departures.

‡ Revised series. The coverage has been reduced from 100-120 to 56 carriers (prior to January 1950, data covered 53 carriers); however, the comparability of the series, based on annual operating revenues, has been affected by less than 3.0 percent. Also, data are now shown after elimination of intercompany duplications for the Bell System; figures prior to August 1948 on the revised basis will be available later. Data relate to continental United States.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS	June	July	August	September	October	November	December	January	February	March	April	May	June
Inorganic chemicals, production:													
Ammonia, synthetic anhydrous (commercial) short tons	103,217	109,505	113,894	105,443	108,604	115,667	124,900	124,079	115,976	123,996	134,452	133,842	127,295
Calcium arsenate (commercial) [♂] thous. of lb.	1,871	3,070	2,969	(1)	(1)	1,151	1,548	(1)	(1)	1,206	2,848	4,898	9,334
Calcium carbide (commercial) short tons	47,424	44,227	42,009	40,286	47,274	55,212	55,836	56,849	51,317	59,336	54,837	59,107	56,482
Carbon dioxide, liquid, gas, and solid [†] thous. of lb.	120,031	135,474	136,147	98,712	84,768	69,157	60,671	63,180	59,120	77,086	92,408	114,286	131,322
Chlorine [♂] short tons	134,572	139,163	147,825	147,214	151,128	155,943	168,282	158,202	151,513	167,091	168,878	177,269	167,721
Hydrochloric acid (100% HCl) [†] short tons	36,022	36,813	40,599	42,010	44,094	45,420	45,983	47,871	43,315	50,708	51,319	52,157	50,635
Lead arsenate (acid and basic) [♂] thous. of lb.	784	(1)	(1)	(1)	(1)	676	890	3,217	3,756	5,568	4,694	4,406	2,326
Nitric acid (100% HNO ₃) short tons	97,476	90,382	93,308	95,721	85,208	91,832	90,925	105,575	101,386	98,906	114,629	111,511	104,604
Oxygen [†] mil. of cu. ft.	1,074	1,063	1,205	1,156	1,662	1,011	1,329	1,369	1,253	1,427	1,432	1,447	1,404
Phosphoric acid (50% H ₃ PO ₄) [†] short tons	102,883	109,669	119,683	119,689	135,018	127,680	120,815	132,745	129,191	128,987	135,319	146,673	135,468
Soda ash, ammonia-soda process (98-100% Na ₂ CO ₃) short tons	309,379	289,943	305,469	317,406	328,899	360,971	354,412	338,552	319,578	368,746	361,328	388,169	291,681
Sodium bichromate and chromate do	4,644	4,029	5,875	5,552	5,938	5,781	6,726	7,350	6,771	7,835	7,452	7,907	8,135
Sodium hydroxide (100% NaOH) [♂] do	170,283	163,678	175,933	182,143	189,367	196,575	201,012	187,201	180,945	205,354	210,344	219,641	200,836
Sodium silicate, soluble silicate glass (anhydrous) short tons	37,658	26,446	28,284	37,159	49,912	46,073	41,794	36,410	31,416	38,693	41,300	45,588	40,899
Sodium sulfate, Glauber's salt and crude salt cake [†] short tons	48,706	42,489	59,107	49,690	56,479	59,325	56,158	60,069	54,820	60,773	59,096	54,377	49,567
Sulphuric acid (100% H ₂ SO ₄):													
Production [†] do	901,132	871,042	916,133	884,658	936,109	985,589	1,051,165	1,019,803	967,335	1,071,299	1,057,073	1,104,335	1,041,288
Price, wholesale, 66 ⁺ , tanks, at works dol. per short ton	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.75	17.75
Organic chemicals:													
Acetic acid (synthetic and natural), production thous. of lb.	25,420	29,698	31,638	34,788	39,667	39,923	39,824	36,765	31,147	37,441	37,506	41,012	
Acetic anhydride, production do	35,334	40,528	50,785	62,927	68,704	70,853	72,458	69,140	67,356	73,287	65,734	75,183	
Acetyl salicylic acid (aspirin), production do	1,009	250	908	813	927	843	873	829	824	934	796	867	
Alcohol, denatured:													
Production [†] thous. of wine gal.	16,575	10,097	12,313	13,947	14,845	14,612	13,618	14,903	13,293	16,743	15,402	15,989	19,146
Consumption (withdrawals) do	14,430	10,556	12,444	15,341	15,259	15,574	15,077	15,335	13,215	17,087	15,924	16,846	18,387
Stocks do	8,746	8,266	8,126	6,732	6,313	5,358	3,899	3,404	3,429	2,873	2,346	1,487	2,230
Alcohol, ethyl:													
Production [†] thous. of proof gal.	31,796	23,760	26,690	22,770	22,680	23,151	22,549	24,688	24,254	27,304	31,184	33,410	31,108
Stocks, total do	51,015	53,788	56,588	52,426	43,133	37,192	33,949	31,346	28,397	24,050	25,729	28,486	23,229
In industrial alcohol bonded warehouses do	50,544	53,273	53,527	50,652	41,919	36,223	33,204	30,450	27,713	23,513	24,820	27,614	22,254
In denaturing plants do	471	515	3,061	1,775	1,214	969	745	896	685	537	901	872	964
Withdrawn for denaturing do	30,593	18,683	25,176	24,362	27,117	26,838	24,907	27,411	24,044	30,321	28,829	29,418	34,597
Withdrawn tax-paid do	3,040	2,684	3,572	3,672	3,936	4,289	2,288	2,750	2,547	3,846	3,552	3,257	4,188
Creosote oil, production [†] thous. of gal.	13,215	10,542	10,005	10,492	6,254	6,508	10,314	10,597	10,063	11,424	12,360	12,869	9,746
Ethyl acetate (85%), production [†] thous. of lb.	5,479	5,798	6,424	5,339	6,852	6,469	6,450	6,449	6,917	6,899	6,159	6,159	
Glycerin, refined (100% basis):													
Production [†] thous. of lb.	7,907	4,692	6,781	7,528	7,550	7,879	6,834	6,927	6,159	8,499	6,876	8,420	8,079
Consumption do	6,668	5,700	7,068	7,397	6,913	6,545	6,214	5,971	6,082	7,794	7,668	8,633	7,961
Stocks do	13,596	11,316	11,580	11,790	12,123	13,103	13,591	14,347	13,564	14,468	13,717	14,302	15,132
Chemically pure:													
Production [†] do	8,617	6,258	11,591	11,165	11,655	12,426	12,335	12,840	12,228	12,553	10,880	10,865	9,932
Consumption do	6,947	6,286	8,181	7,729	8,054	7,916	7,209	9,174	7,224	8,158	7,619	8,364	8,011
Stocks do	18,211	14,926	15,074	15,479	17,214	17,838	20,071	22,411	24,645	25,972	26,406	23,678	22,537
Methanol, production:													
Natural (100%) [†] thous. of gal.	146	136	157	146	165	165	169	171	145	197	166	175	173
Synthetic (100%) do	7,023	7,609	8,059	9,323	11,143	9,789	10,628	11,655	8,767	9,371	9,357	10,063	10,633
Phthalic anhydride, production [†] thous. of lb.	8,018	7,104	10,103	12,602	16,284	16,340	18,075	18,174	17,090	18,722	15,436	15,675	
FERTILIZERS													
Consumption (14 States) [†] thous. of short tons	375	308	279	511	520	489	557	992	1,468	1,859	1,538	1,118	
Exports, total short tons	258,996	264,575	351,947	289,754	310,303	391,164	300,251	262,125	311,746	368,792	446,192	573,572	
Nitrogenous materials do	58,420	79,592	87,853	98,064	124,806	150,907	159,502	61,925	120,224	148,988	91,136	129,204	
Phosphate materials do	161,062	172,841	229,784	162,598	155,912	186,581	110,806	181,362	161,543	182,652	311,684	425,779	
Potash materials do	9,824	8,410	8,103	15,392	9,985	11,540	5,631	3,406	4,562	9,389	11,819	10,325	
Imports, total do	110,049	69,454	120,479	118,252	97,230	87,735	100,359	142,225	173,103	223,714	272,080	214,918	
Nitrogenous materials, total do	93,061	54,254	100,639	107,241	86,961	70,828	88,773	98,717	113,283	139,197	128,400	168,523	
Nitrate of soda do	66,791	32,681	52,377	52,516	47,695	26,454	39,133	55,563	56,171	68,259	76,408	103,322	
Potash materials do	4,430	8,130	13,570	5,066	4,737	8,389	5,135	6,433	13,606	7,824	7,623	13,659	
Potash materials do	2,198	1	0	0	2	20	4,738	26,159	33,548	37,024	115,775	10,744	
Price, wholesale, nitrate of soda, crude, f. o. b. cars, port warehouses dol. per short ton	54.50	54.50	54.50	54.50	52.25	51.50	51.50	51.50	51.50	51.50	51.50	51.50	51.50
Potash deliveries, short tons	114,025	77,015	103,936	92,825	105,678	72,787	45,485	27,896	91,803	116,035	113,107	83,446	134,624
Superphosphate (bulk):													
Production [†] do	810,775	833,631	889,083	820,111	816,724	850,563	836,137	802,943	854,292	1,082,523	1,039,177	986,684	835,403
Stocks, end of month do	960,752	1,165,762	1,264,676	1,268,682	1,259,932	1,311,085	1,420,577	1,495,731	1,308,555	1,006,718	778,270	897,919	1,170,043
NAVAL STORES													
Rosin (gum and wood):													
Production, quarterly total, drums (520 lb.) do	525,250			574,840			552,940			370,480			
Stocks, end of quarter do	719,140			840,920			929,960			894,280			
Price, gum, wholesale, "WG" grade (Sav.), bulk* dol. per 100 lb.	6.42	6.49	6.53	6.70	6.60	6.58	6.66	6.66	6.40	6.29	5.71	5.29	4.93
Turpentine (gum and wood):													
Production, quarterly total, bbl. (50 gal.) do	183,160			194,110			170,700			125,320			
Stocks, end of quarter do	218,490			225,070			238,660			205,960			
Price, gum, wholesale (Savannah) dol. per gal.	.37	.36	.38	.39	.39	.39	.40	.41	.43	.43	.41	.40	.40
MISCELLANEOUS													
Explosives (industrial), shipments:													
Black blasting powder, thous. of lb.	1,081	1,068	1,509	1,606	1,595	2,436	2,212	1,999	1,803	2,213	1,464	1,407	1,148
High explosives do	50,982	45,443	53,158	48,548	40,130	47,608	47,585	40,468	37,389	53,418	55,794	59,843	59,805
Sulfur:													
Production [†] long tons	399,025	388,811	397,024	389,682	392,805	400,564	392,655	401,23					

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

CHEMICALS AND ALLIED PRODUCTS—Continued

FATS, OILS, OILSEEDS, AND BYPRODUCTS													
Animal fats, greases, and oils:													
Animal fats:													
Production.....thous. of lb.	275,069	254,842	264,304	248,888	288,318	338,009	378,469	363,933	288,055	317,265	287,983	298,594	290,189
Consumption, factory.....do.	105,502	61,981	120,143	119,516	117,519	106,627	96,214	111,714	103,724	122,437	104,256	101,937	96,559
Stocks, end of month.....do.	319,521	322,974	292,421	265,758	240,962	251,195	316,248	360,842	344,466	350,904	375,930	394,479	388,296
Greases:													
Production.....do.	50,505	45,702	46,753	44,706	48,110	54,861	55,935	53,954	48,962	53,289	50,510	52,369	53,266
Consumption, factory.....do.	41,590	32,951	41,895	46,031	42,016	42,911	43,794	42,005	40,593	42,437	38,742	43,595	40,163
Stocks, end of month.....do.	124,927	129,265	124,518	117,852	116,477	112,412	111,379	113,763	111,321	113,951	123,683	122,910	122,920
Fish oils:													
Production.....do.	13,599	12,735	18,362	21,962	24,908	8,438	10,076	4,833	493	524	481	3,640	17,506
Consumption, factory.....do.	12,377	11,126	12,823	17,667	20,865	15,364	14,777	15,236	15,438	19,543	15,280	14,682	13,990
Stocks, end of month.....do.	78,442	69,511	79,062	92,245	102,849	94,776	106,261	103,076	87,502	90,827	82,478	69,944	48,093
Vegetable oils, oilseeds, and byproducts:													
Vegetable oils, total:													
Production, crude.....mil. of lb.	379	338	361	464	601	601	553	541	471	478	423	388	353
Consumption, crude, factory.....do.	368	307	380	417	480	496	456	475	450	454	406	398	375
Stocks, end of month:													
Crude.....do.	739	732	718	776	856	963	1,042	1,074	1,058	1,051	1,069	1,020	1,758
Refined.....do.	319	266	188	171	231	288	338	386	404	398	423	392	363
Exports.....thous. of lb.	60,173	71,885	31,179	29,982	36,630	71,986	48,924	60,199	62,747	77,755	54,832	67,995	-----
Imports, total.....do.	24,378	32,589	31,096	38,516	28,785	35,654	22,024	22,100	25,344	26,146	15,375	43,682	-----
Paint oils.....do.	1,609	2,811	4,505	4,925	10,616	11,689	5,535	1,726	3,869	6,456	11,698	8,883	-----
All other vegetable oils.....do.	22,769	29,778	26,592	33,591	18,169	23,966	16,489	20,374	21,475	19,690	21,491	34,799	-----
Copra:													
Production, factory.....short tons.	36,773	26,914	34,932	38,306	46,206	43,723	33,180	36,640	25,515	24,724	28,099	28,757	27,134
Stocks, end of month.....do.	15,034	12,769	10,010	8,333	18,710	21,998	22,328	23,784	17,725	21,074	18,042	13,194	10,342
Imports.....do.	40,940	27,909	38,594	51,251	60,027	52,913	32,798	44,905	27,160	27,903	29,092	31,976	-----
Coconut or copra oil:													
Production:													
Crude.....thous. of lb.	47,231	34,368	44,961	48,892	58,979	55,482	42,726	46,743	32,381	31,179	36,169	36,654	34,211
Refined.....do.	25,022	23,139	29,168	30,374	29,169	25,363	24,304	22,515	21,358	23,268	23,393	26,247	22,009
Consumption, factory:													
Crude.....do.	44,905	36,014	53,219	54,538	55,248	48,532	45,222	43,763	40,787	46,571	43,234	47,923	39,642
Refined.....do.	24,483	19,689	28,147	26,248	25,914	23,287	22,344	20,617	20,708	22,592	21,394	21,420	21,673
Stocks, end of month:													
Crude.....do.	71,318	82,365	83,124	101,042	112,977	134,570	141,073	167,154	167,888	165,462	167,106	170,014	(1)
Refined.....do.	8,477	8,728	6,723	7,945	8,283	8,676	9,016	9,893	8,446	7,899	6,889	8,997	7,756
Imports.....do.	8,442	14,512	14,485	17,020	8,442	11,158	6,015	11,847	10,729	7,152	7,787	12,260	-----
Cottonseed:													
Receipts at mills.....thous. of short tons.	15	117	353	1,248	1,382	1,322	450	179	262	213	183	95	47
Consumption (crush).....do.	197	147	207	586	748	785	677	654	533	492	365	276	208
Stocks at mills, end of month.....do.	162	132	278	941	1,575	2,112	1,884	1,409	1,137	858	676	495	334
Cottonseed cake and meal:													
Production.....short tons.	85,660	66,340	94,081	253,763	334,030	355,146	309,772	289,039	235,130	220,201	162,005	124,140	93,264
Stocks at mills, end of month.....do.	88,354	65,949	52,759	98,076	116,912	123,518	142,801	175,724	196,406	186,446	182,209	179,112	163,300
Cottonseed oil, crude:													
Production.....thous. of lb.	65,569	48,656	64,805	184,291	242,687	252,640	217,619	210,781	173,826	162,217	120,814	90,610	68,051
Stocks, end of month.....do.	76,240	52,233	40,908	88,766	123,462	162,355	181,587	171,922	146,885	99,469	82,539	65,083	50,748
Cottonseed oil, refined:													
Production.....do.	97,996	61,255	71,976	113,309	178,666	188,938	172,940	175,927	174,054	160,817	116,520	98,983	80,792
Consumption, factory.....do.	138,639	110,959	142,409	115,282	129,424	144,799	133,850	145,547	158,713	174,461	118,392	130,694	114,983
In oleomargarine.....do.	32,728	28,882	37,530	32,076	35,728	36,049	41,205	47,649	46,604	52,837	26,754	27,086	-----
Stocks, end of month.....do.	186,268	132,766	72,590	69,708	125,176	174,981	218,210	255,630	273,525	271,007	285,761	251,672	225,034
Price, wholesale, summer, yellow, prime (N. Y.).....dol. per lb.	.122	.125	.158	.140	.129	.118	.123	.130	.138	.153	.160	.170	.162
Flaxseed:													
Production (crop estimate).....thous. of bu.	-----	-----	-----	-----	-----	-----	43,664	-----	-----	-----	-----	-----	29,338
Oil mills:													
Consumption.....do.	3,528	3,505	3,985	3,886	3,468	3,254	3,194	2,937	2,752	2,576	2,360	2,209	3,270
Stocks, end of month.....do.	1,613	2,227	4,932	8,139	7,553	6,982	5,412	5,058	3,928	2,554	1,055	1,384	2,255
Imports.....do.	1	0	0	0	0	0	0	0	2	(2)	0	0	-----
Price, wholesale, No. 1 (Minn.).....dol. per bu.	(4)	3.86	3.91	3.94	3.85	3.93	3.92	3.95	3.88	3.93	4.00	4.05	4.03
Linsed oil:													
Production.....thous. of lb.	70,927	69,949	77,071	72,923	67,803	62,856	61,681	57,066	53,469	50,939	47,154	43,697	63,490
Consumption, factory.....do.	26,402	35,262	42,723	49,584	44,411	36,376	30,518	32,292	33,619	39,850	38,194	42,119	44,990
Stocks at factory, end of month.....do.	363,431	378,788	407,230	421,115	433,921	462,934	485,112	515,697	531,932	548,907	564,035	539,931	551,263
Price, wholesale (N. Y.).....dol. per lb.	.276	.256	.216	.208	.192	.186	.185	.184	.185	.180	.180	.182	.189
Soybeans:													
Production (crop estimate).....thous. of bu.	-----	-----	-----	-----	-----	-----	222,305	-----	-----	-----	-----	-----	-----
Consumption, factory.....do.	15,264	15,302	13,551	11,996	17,522	17,139	17,290	16,909	15,466	18,112	17,198	16,880	13,913
Stocks, end of month.....do.	18,333	12,477	6,549	10,606	63,581	70,914	66,508	59,398	54,214	47,991	41,674	34,735	28,478
Soybean oil:													
Production:													
Crude.....thous. of lb.	150,583	155,148	136,015	120,756	172,491	165,473	166,855	165,088	153,046	177,518	170,251	169,001	141,705
Refined.....do.	124,209	110,190	135,106	127,703	125,902	133,442	119,251	130,317	118,749	146,063	131,913	131,848	132,235
Consumption, factory, refined.....do.	120,798	97,345	141,462	136,190	119,778	129,801	104,727	117,599	111,398	139,881	116,186	125,688	120,525
Stocks, end of month:													
Crude.....do.	82,793	90,881	71,925	56,223	67,314	69,405	90,116	82,877	78,911	87,228	101,386	91,462	88,338
Refined.....do.	93,229	92,807	76,384	56,790	55,410	57,976	59,985	66,650	66,791	64,118	71,651	74,809	77,528
Price, wholesale, edible (N. Y.).....dol. per lb.	.141	.142	.175	.157	.145	.142	.148	.150	.153	.168	.171	.177	.171

Revised. 1 Data for crude palm, coconut, castor, and sperm oil are excluded from the pertinent items. 2 December 1 estimate. 3 July 1 estimate. 4 No sales. 5 Less than 500 bushels. Revised series. Beginning in the September 1949 SURVEY, data include oleomargarine of vegetable or animal origin.

NOTE FOR INDICATED INORGANIC CHEMICAL SERIES, p. S-24.—Revised production data are as follows: Calcium arsenate (thous. of lb.), 1948—April, 3,970; May, 3,910; June, 5,957; October, 721; carbon dioxide (thous. of lb.), January 1948—May 1949—61,437; 63,617; 74,902; 87,573; 100,529; 108,162; 123,100; 125,197; 105,671; 75,437; 65,047; 63,979; 64,055; 61,467; 76,475; 79,688; 107,904; chlorine (short tons), January 1948—April 1949—129,654; 122,529; 132,855; 127,179; 131,952; 135,139; 131,485; 142,599; 136,569; 147,780; 147,638; 154,656; 152,956; 130,551; 148,831; 140,846 hydrochloric acid (short tons), January 1948—May 1949—40,296; 35,290; 37,670; 37,655; 39,588; 35,907; 33,942; 36,913; 38,990; 41,062; 40,354; 40,596; 40,760; 39,424; 43,016; 41,081; 38,767; oxygen (mil. of cu. ft.), January 1948—May 1949—1,293; 1,280; 1,385; 1,384; 1,393; 1,310; 1,225; 1,351; 1,301; 1,455; 1,411; 1,433; 1,426; 1,385; 1,495; 1,389; 1,307; phosphoric acid (short tons), January 1948—May 1949—93,664; 89,130; 103,140; 95,766; 96,725; 93,768; 94,905; 101,152; 104,371; 111,731; 102,580; 106,901; 111,278; 106,400; 116,276; 111,110; 114,043; sodium hydroxide (short tons), January 1948—May 1949—189,772; 180,897; 198,784; 186,425; 186,481; 192,400; 196,034; 203,400; 196,289; 211,962; 212,620; 221,605; 209,974; 188,436; 193,034; 175,880; sodium sulfate (short tons), January 1948—May 1949—73,509; 65,187; 70,369; 72,061; 74,258; 66,345; 65,237; 68,496; 73,135; 76,935; 74,813; 72,645; 72,790; 67,852; 65,936; 61,147; 54,798; sulfuric acid (short tons), January—December 1948—976,191; 934,515; 1,001,378; 948,269; 977,490; 882,261; 883,537; 943,009; 907,227; 985,052; 983,206; 1,033,813. Revisions for sulfuric acid for 1949 are shown on p. S-24 of the July 1950 SURVEY.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
CHEMICALS AND ALLIED PRODUCTS—Continued													
FATS, OILS, ETC.—Continued													
Vegetable oils, oilseeds, etc.—Continued													
Oleomargarine:													
Production.....thous. of lb...	63,610	56,118	79,106	74,408	75,471	71,278	76,948	84,237	81,299	95,315	53,817	56,357	-----
Consumption (tax-paid withdrawals).....do...	61,970	55,366	79,346	71,172	73,938	73,072	76,854	83,942	81,218	89,834	54,803	56,024	-----
Price, wholesale, vegetable, delivered (Chicago) dol. per lb...	.224	.224	.248	.249	.224	.224	.224	.224	.224	.236	.244	.244	.244
Shortening and compounds:													
Production.....thous. of lb...	122,213	83,355	156,696	133,849	123,178	139,965	125,783	135,591	145,489	161,722	126,516	144,761	115,440
Stocks, end of month.....do.....	85,821	64,438	52,851	59,315	62,860	61,889	81,722	71,190	66,407	71,708	83,553	103,734	117,648
PAINT SALES													
Paint, varnish, lacquer, and filler, total													
thous. of dol...	88,506	73,997	87,685	84,217	75,960	67,022	57,340	75,936	70,873	87,169	87,605	103,246	108,817
Classified, total.....do.....	79,587	67,394	79,148	75,293	68,757	60,613	51,957	68,887	64,640	79,098	79,348	93,434	98,541
Industrial.....do.....	29,052	25,723	30,800	30,218	28,597	25,226	23,481	27,684	27,145	32,250	30,935	35,175	36,708
Trade.....do.....	50,535	41,671	48,348	45,076	40,159	35,387	28,476	41,203	37,495	46,847	48,413	58,259	61,833
Unclassified.....do.....	8,919	6,602	8,537	8,923	7,203	6,409	5,383	7,049	6,233	8,071	8,257	9,812	10,276
SYNTHETIC PLASTICS AND RESIN MATERIALS													
Production:													
Cellulose acetate and mixed ester plastics:													
Sheets, rods, and tubes.....thous. of lb...	1,242	1,332	1,405	1,530	2,138	1,962	1,674	1,938	1,875	1,883	2,144	1,920	-----
Molding and extrusion materials.....do...	4,303	3,431	4,626	5,798	6,904	5,183	4,638	5,387	5,399	6,405	6,301	6,518	-----
Nitrocellulose, sheets, rods, and tubes.....do...	626	372	517	431	453	440	485	546	546	650	587	690	-----
Other cellulose plastics.....do.....	176	433	113	712	749	950	972	825	1,168	1,198	926	858	-----
Phenolic and other tar acid resins.....do...	14,952	11,232	17,834	22,569	25,056	28,684	25,811	27,499	27,453	32,334	29,978	31,476	-----
Polystyrene.....do.....	15,029	15,905	19,749	20,723	22,156	20,901	20,137	20,332	20,242	27,032	24,555	25,441	-----
Urea and melamine resins.....do.....	7,931	6,273	9,569	10,299	13,239	13,568	13,389	12,989	12,522	13,205	11,434	14,576	-----
Vinyl resins.....do.....	20,636	18,853	23,663	29,098	31,786	33,503	33,036	33,111	31,429	37,662	35,946	35,992	-----
Alkyd resins.....do.....	19,149	17,304	19,258	21,114	20,787	20,619	17,902	18,825	21,223	25,224	21,864	25,841	-----
Rosin modifications.....do.....	7,584	6,631	8,103	9,912	10,728	9,777	8,086	8,486	8,479	10,156	9,138	9,786	-----
Miscellaneous resins.....do.....	14,825	14,877	16,646	19,399	18,896	18,709	18,861	21,096	20,009	20,759	19,642	22,327	-----

ELECTRIC POWER AND GAS

ELECTRIC POWER													
Production (utility and industrial), total													
mil. of kw.-hr...	28,025	27,946	29,492	28,358	28,110	28,539	31,096	31,677	28,789	31,864	30,191	31,486	31,608
Electric utilities, total.....do.....	23,617	23,684	25,021	23,922	24,288	24,328	26,321	26,871	24,270	26,997	25,437	26,525	26,685
By fuels.....do.....	16,393	16,355	17,672	16,946	17,353	17,467	18,705	18,537	16,528	18,268	17,140	18,048	18,701
By water power.....do.....	7,224	7,330	7,349	6,976	6,936	6,861	7,616	8,334	7,741	8,729	8,297	8,477	7,984
Privately and municipally owned utilities													
mil. of kw.-hr...	20,034	19,973	20,965	19,934	20,430	20,781	22,456	22,893	20,637	23,022	21,838	22,739	22,952
Other producers.....do.....	3,583	3,711	4,055	3,987	3,858	3,548	3,865	3,979	3,632	3,975	3,599	3,786	3,734
Industrial establishments, total.....do...	4,407	4,262	4,471	4,436	3,822	4,211	4,775	4,805	4,519	4,867	4,754	4,902	4,923
By fuels.....do.....	4,012	3,881	4,067	4,055	3,465	3,837	4,310	4,362	4,082	4,383	4,318	4,503	4,484
By water power.....do.....	395	381	404	382	357	374	465	443	437	483	436	459	439
Sales to ultimate customers, total (Edison Electric Institute).....mil. of kw.-hr...	19,905	19,949	20,758	20,878	20,309	20,655	22,020	22,943	22,203	22,565	22,397	22,394	-----
Commercial and industrial:													
Small light and power.....do.....	3,760	3,974	4,033	4,044	3,876	3,890	4,047	4,181	4,076	4,002	3,986	3,919	-----
Large light and power.....do.....	9,889	9,524	10,120	10,142	9,709	9,799	10,384	10,602	10,297	10,830	10,930	11,300	-----
Railways and railroads.....do.....	473	462	470	452	470	499	555	536	507	555	497	468	-----
Residential or domestic.....do.....	4,374	4,417	4,422	4,619	4,749	5,032	5,604	6,276	6,017	5,782	5,521	5,235	-----
Rural (distinct rural rates).....do...	664	825	873	809	626	541	506	409	405	493	605	634	-----
Street and highway lighting.....do...	178	184	202	224	251	272	291	257	251	250	221	206	-----
Other public authorities.....do.....	522	516	502	541	581	572	580	602	597	596	581	581	-----
Interdepartmental.....do.....	46	46	46	46	46	49	52	49	52	57	55	52	-----
Revenue from sales to ultimate customers (Edison Electric Institute).....thous. of dol...	371,462	375,372	382,149	387,522	383,236	391,007	409,942	425,325	416,130	414,263	410,076	407,411	-----
GAS													
Manufactured and mixed gas (quarterly):													
Customers, end of quarter, total.....thousands...	10,541			10,262			10,182			9,763			
Residential (incl. house-heating).....do...	9,842			9,582			9,497			9,092			
Industrial and commercial.....do.....	691			672			677			664			
Sales to consumers, total.....mil. of cu. ft.	139,231			101,790			142,774			184,390			
Residential.....do.....	90,229			60,288			94,652			128,143			
Industrial and commercial.....do.....	47,875			40,077			46,573			54,506			
Revenue from sales to consumers, total													
thous. of dol...	144,513			113,390			145,570			174,188			
Residential (incl. house-heating).....do...	107,058			82,863			108,202			129,500			
Industrial and commercial.....do.....	36,725			29,641			36,818			43,505			
Natural gas (quarterly):													
Customers, end of quarter, total.....thousands...	12,328			12,663			13,310			13,733			
Residential (incl. house-heating).....do...	11,293			11,649			12,194			12,562			
Industrial and commercial.....do.....	1,026			1,004			1,107			1,161			
Sales to consumers, total.....mil. of cu. ft.	715,282			615,338			820,431			1,080,316			
Residential (incl. house-heating).....do...	192,659			91,452			238,854			447,450			
Industrial and commercial.....do.....	501,154			492,683			550,395			606,702			
Revenue from sales to consumers, total													
thous. of dol...	246,490			183,487			289,605			439,632			
Residential (incl. house-heating).....do...	127,776			74,471			158,967			278,828			
Industrial and commercial.....do.....	118,064			103,978			125,493			156,322			

* Revised.

*New series. The data for production, compiled by the U. S. Tariff Commission beginning July 1948, are essentially comparable with the series for shipments and consumption (reported by the Bureau of the Census) previously shown here, except for inventory changes (which tend to balance out over a short period) and the inclusion of reports from a few additional companies. Data for alkyd resins and rosin modifications are not available prior to 1949.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949						1950						
	June	July	August	September	October	November	December	January	February	March	April	May	June
FOODSTUFFS AND TOBACCO													
ALCOHOLIC BEVERAGES													
Fermented malt liquors:													
Production.....thous. of bbl.	9,258	9,382	9,182	7,392	6,122	5,774	6,312	6,146	5,842	7,554	7,351	8,317	9,368
Tax-paid withdrawals.....do.	8,629	8,722	8,901	7,285	6,438	6,095	6,246	5,597	5,523	5,938	6,359	7,615	8,696
Stocks, end of month.....do.	9,879	10,147	10,033	9,836	9,252	8,686	8,484	8,775	8,849	10,073	10,579	10,841	10,982
Distilled spirits:													
Production.....thous. of tax gal.	13,732	8,818	11,581	16,704	26,093	19,770	19,057	16,577	14,137	15,994	17,305	20,486	21,233
Consumption, apparent, for beverage purposes.....thous. of wine gal.	13,064	12,323	12,336	14,120	15,213	17,673	20,031	11,519	11,592	14,333	13,276	13,783	-----
Tax-paid withdrawals.....thous. of tax gal.	7,632	8,067	8,072	9,471	11,438	12,070	8,351	7,209	6,205	9,215	7,317	7,929	8,067
Stocks, end of month.....do.	677,344	676,337	675,217	673,701	671,309	609,884	676,016	680,898	684,576	686,640	692,455	700,420	708,560
Imports.....thous. of proof gal.	1,111	878	985	1,329	1,529	1,607	1,410	890	857	1,076	864	1,161	-----
Whisky:													
Production.....thous. of tax gal.	7,852	5,099	5,959	8,703	9,246	9,705	10,672	11,069	10,115	11,045	11,922	12,727	12,396
Tax-paid withdrawals.....do.	3,537	4,048	4,383	5,311	6,101	6,965	5,197	4,684	4,043	5,558	4,357	4,607	5,251
Stocks, end of month.....do.	602,926	602,865	603,231	604,768	606,210	606,015	610,365	615,384	620,133	624,182	630,693	637,410	643,378
Imports.....thous. of proof gal.	1,027	803	914	1,226	1,413	1,461	1,262	790	778	967	772	1,076	-----
Rectified spirits and wines, production, total													
Whisky.....thous. of proof gal.	9,069	8,008	9,043	10,225	12,400	12,601	7,916	6,622	6,092	9,377	7,888	8,127	9,090
Wines and distilling materials.....do.	7,889	6,864	7,681	9,258	11,247	11,473	7,101	5,870	5,458	8,357	6,775	6,931	7,609
Sparkling wines:													
Production.....thous. of wine gal.	163	54	128	47	47	54	86	124	38	108	190	86	-----
Tax-paid withdrawals.....do.	77	49	62	99	175	154	159	64	41	60	61	78	-----
Stocks, end of month.....do.	1,743	1,742	1,808	1,734	1,633	1,771	1,426	1,474	1,456	1,494	1,614	1,614	-----
Imports.....do.	28	13	14	35	43	86	86	24	17	29	28	38	-----
Still wines:													
Production.....do.	584	435	1,335	19,085	58,451	14,556	3,534	1,076	745	1,144	842	790	-----
Tax-paid withdrawals.....do.	8,815	7,763	8,788	11,303	13,112	13,540	12,865	11,974	10,071	13,057	12,360	10,550	-----
Stocks, end of month.....do.	162,586	155,034	145,702	154,365	203,831	205,095	192,024	179,526	168,923	156,823	145,001	134,936	-----
Imports.....do.	177	148	145	188	286	342	335	240	243	279	286	263	-----
Distilling materials produced at wineries.....do.	613	713	4,900	37,979	105,382	35,142	4,808	1,394	1,397	1,280	734	1,300	-----
DAIRY PRODUCTS													
Butter, creamery:													
Production (factory).....thous. of lb.	157,325	136,390	128,440	113,770	102,800	90,480	96,000	101,515	97,875	121,970	128,610	156,195	166,275
Stocks, cold storage, end of month.....do.	102,701	136,786	153,855	154,455	144,819	130,452	113,993	103,657	92,886	93,489	109,020	136,867	182,479
Price, wholesale, 92-score (New York), dol. per lb.	.590	.599	.618	.622	.625	.625	.631	.624	.635	.607	.599	.600	.599
Cheese:													
Production (factory), total.....thous. of lb.	137,125	118,735	108,410	94,150	82,155	71,875	74,175	77,365	75,685	97,135	110,595	132,305	142,865
American, whole milk.....do.	112,545	96,760	87,370	74,135	62,355	51,395	52,535	54,565	53,775	71,040	84,305	104,535	114,705
Stocks, cold storage, end of month, total.....do.	162,256	185,517	210,411	213,433	209,515	196,125	188,653	176,821	163,922	158,134	171,553	208,986	253,979
American, whole milk.....do.	140,859	162,346	183,208	188,259	185,839	175,764	168,670	159,906	149,004	141,946	153,135	186,062	228,574
Imports.....do.	2,794	2,138	1,804	2,442	4,003	3,946	5,102	3,085	6,845	3,540	2,806	2,518	-----
Price, wholesale, American, single daisies (Chicago), dol. per lb.	.343	.330	.352	.358	.356	.356	.353	.349	.354	.351	.346	.343	.347
Condensed and evaporated milk:													
Production:†													
Condensed (sweetened):													
Bulk goods.....thous. of lb.	34,275	22,490	26,139	22,320	16,300	11,550	11,675	14,700	13,200	16,550	20,450	29,550	30,200
Case goods.....do.	9,800	8,200	8,800	5,750	4,675	3,200	6,300	4,450	5,900	6,500	7,350	5,375	5,300
Evaporated (unsweetened), case goods.....do.	350,850	306,750	273,650	212,750	167,750	134,000	151,000	168,750	183,000	241,000	258,000	346,850	348,800
Stocks, manufacturers', case goods, end of month:													
Condensed (sweetened).....thous. of lb.	10,027	8,309	8,559	6,758	6,925	5,795	7,386	5,249	5,951	6,757	7,596	7,650	9,733
Evaporated (unsweetened).....do.	379,000	454,210	477,812	484,246	426,836	333,264	243,491	151,401	101,470	86,216	116,999	222,300	343,988
Exports:													
Condensed (sweetened).....do.	8,903	6,205	4,500	5,692	1,846	1,618	2,221	2,858	2,869	2,514	3,918	2,735	-----
Evaporated (unsweetened).....do.	24,391	22,967	11,209	12,368	18,257	14,862	15,351	13,120	14,306	8,694	16,275	18,965	-----
Prices, wholesale, U. S. average:													
Condensed (sweetened).....dol. per case	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10
Evaporated (unsweetened).....do.	5.09	5.12	5.11	5.08	5.08	5.09	5.09	5.10	5.10	5.10	5.10	5.10	5.09
Fluid milk:													
Production.....mil. of lb.	12,372	11,559	10,574	9,427	9,056	8,451	8,622	9,046	8,671	9,996	10,612	11,981	12,636
Utilization in mfd. dairy products.....do.	5,482	4,828	4,475	3,862	3,395	2,943	3,144	3,321	3,263	4,116	4,431	5,416	5,744
Price, dealers', standard grade.....dol. per 100 lb.	4.56	4.61	4.66	4.71	4.74	4.75	4.75	4.66	4.63	4.58	4.37	4.31	4.29
Dry milk:													
Production:†													
Dry whole milk.....thous. of lb.	12,225	12,620	10,890	10,725	9,150	7,410	10,300	9,091	8,135	11,425	10,550	11,410	13,200
Nonfat dry milk solids (human food).....do.	112,200	88,360	76,750	63,050	54,150	49,000	58,700	64,850	65,500	85,100	97,150	113,000	118,750
Stocks, manufacturers', end of month:													
Dry whole milk.....do.	17,377	19,059	17,788	18,271	16,666	14,180	11,105	9,710	9,187	9,719	9,799	10,307	13,219
Nonfat dry milk solids (human food).....do.	105,446	98,129	97,201	80,448	57,026	47,791	48,722	43,821	42,213	51,619	70,091	81,934	92,873
Exports:													
Dry whole milk.....do.	5,873	5,587	7,336	5,449	5,909	4,383	5,906	5,408	3,654	5,978	5,088	4,300	-----
Nonfat dry milk solids (human food).....do.	14,042	2,857	20,579	44,267	28,897	2,814	7,326	7,653	6,775	16,998	23,177	11,341	-----
Price wholesale, nonfat dry milk solids (human food), U. S. average.....dol. per 100 lb.	.116	.117	.118	.121	.123	.122	.121	.117	.118	.117	.118	.116	.117
FRUITS AND VEGETABLES													
Apples:													
Production (crop estimate).....thous. of bu.	768	560	509	2,602	6,635	4,849	1,333,181	4,061	3,832	4,231	3,326	2,598	1,521
Shipments, carlot.....no. of carloads	343	175	412	14,777	35,224	33,405	25,667	19,573	12,502	7,074	3,645	1,289	554
Stocks, cold storage, end of month.....thous. of bu.	8,992	7,921	6,444	4,858	5,720	7,599	11,369	9,760	8,613	9,911	8,966	10,579	9,422
Citrus fruits, carlot shipments.....no. of carloads	255,787	327,090	339,588	355,552	342,565	326,934	300,409	279,255	265,204	251,119	243,861	287,445	334,208
Frozen fruits, stocks, cold storage, end of month.....thous. of lb.	219,515	237,847	315,788	368,552	387,681	383,658	371,003	330,316	305,316	269,980	241,992	221,119	235,665
Potatoes, white:													
Production (crop estimate).....thous. of bu.	24,263	11,695	14,718	20,093	18,934	17,572	1401,962	16,598	19,900	20,750	27,144	25,291	24,174
Shipments, carlot.....no. of carloads	3,546	3,287	3,498	3,236	2,873	3,001	4,134	3,719	3,632	4,473	4,789	4,221	3,242
Price, wholesale, U. S. No. 1 (New York).....dol. per 100 lbs.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

* Revised. † December 1 estimate. ‡ July 1 estimate. § Revisions for earlier years are shown on p. 24 of this issue of the SURVEY.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

FOODSTUFFS AND TOBACCO—Continued

GRAINS AND GRAIN PRODUCTS													
Exports, principal grains, including flour and meal thous. of bu.	47,295	44,958	59,048	46,153	37,905	49,150	42,726	33,835	32,632	31,684	33,997	27,526	
Barley:													
Production (crop estimate).....do.							1,238,104						2,264,726
Receipts, principal markets.....do.	19,312	24,843	24,940	14,954	11,003	9,015	6,820	4,349	5,806	6,738	5,627	7,696	7,217
Stocks, domestic, end of month:													
Commercial.....do.	14,922	24,659	33,056	33,978	35,942	34,109	32,630	30,282	30,454	28,072	27,657	26,228	25,924
On farms.....do.	59,308			148,973			107,532			70,692			31,305
Exports, including malt.....do.	2,111	4,199	6,410	3,382	1,888	1,468	2,263	811	550	1,677	252	736	
Prices, wholesale (Minneapolis):													
No. 2, malting.....dol. per bu.	1.253	1.290	1.327	1.523	1.556	1.560	1.509	1.546	1.547	1.578	1.622	1.643	1.687
No. 3, straight.....do.	1.163	1.236	1.299	1.455	1.502	1.451	1.413	1.444	1.484	1.518	1.538	1.593	1.601
Corn:													
Production (crop estimate).....mil. of bu.							1,337,813						2,317,616
Grindings, wet process.....thous. of bu.	8,910	8,658	10,637	10,501	11,206	10,047	9,554	9,454	9,446	10,743	10,371	10,723	10,682
Receipts, principal markets.....do.	21,977	19,683	22,064	23,967	43,947	58,975	33,364	24,678	17,006	23,470	19,624	24,065	26,726
Stocks, domestic, end of month:													
Commercial.....do.	10,888	4,744	5,711	9,614	20,020	46,400	51,688	47,521	45,319	47,400	43,910	43,177	42,874
On farms.....mil. of bu.	1,255.2			708.4			2,401.3			1,634.2			1,058.5
Exports, including meal.....thous. of bu.	4,611	7,826	8,369	7,116	7,513	20,238	13,470	10,082	8,628	6,161	5,909	7,393	
Prices, wholesale:													
No. 3, white (Chicago).....dol. per bu.	(3)	1.451	1.340	1.262	1.390	1.308	1.450	1.440	1.441	1.487	(3)	(3)	(3)
No. 3, yellow (Chicago).....do.	1.353	1.402	1.307	1.312	1.152	1.157	1.296	1.291	1.297	1.337	1.426	1.481	1.489
Weighted average, 5 markets, all grades.....do.	1.276	1.327	1.256	1.238	1.134	1.142	1.248	1.249	1.261	1.305	1.419	1.480	1.462
Oats:													
Production (crop estimate).....mil. of bu.							1,132,323						2,139,513
Receipts, principal markets.....thous. of bu.	13,988	33,804	24,804	9,338	5,953	5,460	7,163	6,862	4,670	7,660	8,041	8,343	7,313
Stocks, domestic, end of month:													
Commercial.....do.	6,167	17,745	30,095	26,706	25,254	21,218	19,029	16,050	13,130	12,099	11,295	11,517	11,268
On farms.....do.	270,501			1,053,296			819,701			481,216			190,855
Exports, including oatmeal.....do.	3,182	562	6,719	1,765	1,045	2,460	578	268	659	171	450	388	
Price, wholesale, No. 3, white (Chicago).....dol. per bu.	.673	.638	.637	.678	.687	.759	.762	.749	.769	.783	.841	.912	.947
Rice:													
Production (crop estimate).....thous. of bu.							1,89,141						2,78,224
California:													
Receipts, domestic, rough.....thous. of lb.	45,785	46,994	68,741	48,951	236,472	39,427	65,207	32,953	45,493	83,503	50,081	83,677	111,988
Shipments from mills, milled rice.....do.	26,728	31,908	64,909	26,998	48,435	22,610	81,654	31,183	33,990	34,770	29,175	37,907	110,244
Stocks, rough and cleaned (cleaned basis), end of month.....thous. of lb.	39,358	35,752	13,806	16,508	114,029	115,691	81,914	72,043	62,804	77,368	74,409	82,574	50,417
Southern States (Ark., La., Tenn., Tex.):													
Receipts, rough, at mills, thous. of bbl. (162 lb.)	377	183	781	4,315	4,188	3,703	1,596	658	480	493	466	462	346
Shipments from mills, milled rice.....thous. of lb.	132,777	78,233	81,631	194,961	265,382	226,358	262,745	196,778	92,216	105,130	89,488	103,973	152,513
Stocks, domestic, rough and cleaned (cleaned basis), end of month.....thous. of lb.	113,173	57,291	65,554	316,540	489,341	650,284	566,941	452,037	417,203	373,464	342,278	298,604	185,197
Exports.....do.	60,952	88,768	40,375	63,013	136,069	109,077	200,905	187,151	41,146	24,694	29,925	22,113	
Imports.....do.	772	909	606	423	310	252	716	272	206	512	304	316	
Price, wholesale, head, clean (N. O.).....dol. per lb.	.089	.087	.084	.071	.070	.077	.082	.082	.081	.080	.081	.081	.081
Rye:													
Production (crop estimate).....thous. of bu.							1,18,697						2,21,891
Receipts, principal markets.....do.	748	1,772	3,131	1,043	2,194	5,071	569	300	263	323	303	1,121	722
Stocks, commercial, domestic, end of month.....do.	2,993	4,091	6,170	5,435	5,401	10,005	9,338	8,250	7,643	7,321	6,278	5,977	5,900
Price, wholesale, No. 2 (Minn.).....dol. per bu.	1.346	1.454	1.384	1.428	1.465	1.418	1.457	1.430	1.343	1.393	1.395	1.443	1.418
Wheat:													
Production (crop estimate), total.....mil. of bu.							1,146,511						2,956,612
Spring wheat.....do.							1,244,810						2,236,010
Winter wheat.....do.							901,701						720,501
Receipts, principal markets.....thous. of bu.	64,749	130,305	76,031	50,170	27,586	24,296	18,492	18,385	17,347	19,584	17,856	22,154	38,820
Disappearance, domestic.....do.	279,024			295,168			249,992			244,422			249,227
Stocks, end of month:													
Canada (Canadian wheat).....do.	70,146	55,199	86,400	162,524	176,459	165,267	165,657	152,065	146,506	136,625	126,762	108,447	100,743
United States, domestic, total.....do.	307,767			1,159,159			909,226			665,030			416,803
Commercial.....do.	128,158	234,493	260,412	261,109	244,664	227,502	219,038	199,613	189,447	180,659	173,136	169,293	168,497
Interior mills, elevators, and warehouses.....thous. of bu.	76,239			282,881			237,304			190,923			122,754
Merchant mills.....do.	32,401			133,688			117,849			88,731			55,992
On farms.....do.	67,172			472,209			327,230			199,169			64,660
Exports, total, including flour.....do.	36,668	31,796	37,369	33,495	26,589	24,067	26,094	21,996	22,601	23,315	26,768	18,480	
Wheat only.....do.	30,313	24,789	34,230	30,082	22,693	20,482	21,655	18,055	19,240	18,838	21,559	15,432	
Prices, wholesale:													
No. 1, dark northern spring (Minneapolis).....dol. per bu.	2.367	2.379	2.285	2.374	2.431	2.395	2.375	2.366	2.328	2.358	2.373	2.453	2.446
No. 2, hard winter (Kansas City).....do.	1.951	2.004	2.060	2.152	2.188	2.202	2.221	2.223	2.224	2.272	2.306	2.300	2.170
No. 2, red winter (St. Louis).....do.	1.828	1.872	1.865	2.013	2.083	2.161	2.200	2.218	2.158	2.290	2.329	2.333	2.160
Weighted avg., 6 markets, all grades.....do.	2.160	2.096	2.185	2.253	2.282	2.274	2.269	2.259	2.253	2.300	2.322	2.365	2.297
Wheat flour:													
Production:†													
Flour.....thous. of sacks (100 lb.)	20,116	18,994	19,957	20,357	20,895	19,221	18,679	19,165	17,705	20,043	16,864	18,360	17,675
Operations, percent of capacity.....%	78.2	81.6	74.6	83.6	85.5	78.7	76.5	78.4	75.9	74.7	72.2	71.3	68.9
Offal.....short tons.	390,721	380,597	405,071	413,639	424,907	389,304	378,385	384,792	355,951	402,001	337,484	369,090	353,333
Grindings of wheat.....thous. of bu.	46,344	44,222	46,561	47,541	48,740	44,852	43,542	44,576	41,172	46,596	39,178	42,690	41,065
Stocks held by mills, end of month.....thous. of sacks (100 lb.)	4,506			4,757			4,948			4,911			4,635
Exports.....do.	2,727	3,007	1,347	1,465	1,672	1,539	1,905	1,692	1,442	1,922	2,235	1,308	
Prices, wholesale:													
Standard patents (Minneapolis).....dol. per sack (100 lb.)	5.512	5.575	5.340	5.600	5.715	5.744	5.669	5.605	5.619	5.600	5.656	5.690	5.688
Winter, straights (Kansas City).....do.	4.869	4.915	4.869	5.069	5.165	5.119	5.115	5.138	5.188	5.269	5.283	5.158	5.002

* Revised. † December 1 estimate. ‡ July 1 estimate. § No quotation.
 ¶ The total includes wheat owned by the Commodity Credit Corporation and stored off farms in its own steel and wooden bins; such data are not included in the break-down of stocks.
 † Revised series. ‡ Data for rough rice, included in rice exports, have been revised using a new conversion factor supplied by the U. S. Department of Agriculture, which takes into account changes in milling practices; unpublished revisions (1933-July 1948) are available upon request. Revised data for January 1947 to July 1948 for wheat-flour production and grindings of wheat will be published later.
 § Based on a 5-day week (formerly on a 6-day week); data prior to June 1949 will be shown later.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
FOODSTUFFS AND TOBACCO—Continued													
LIVESTOCK													
Cattle and calves:													
Slaughter (Federally inspected):													
Calves.....thous. of animals..	533	501	549	552	568	585	511	465	443	586	494	496	485
Cattle.....do.....	1,095	1,090	1,232	1,224	1,156	1,116	1,064	1,103	939	1,082	959	1,075	1,066
Receipts, principal markets.....do.....	† 1,899	1,833	2,470	2,528	3,061	2,280	1,676	1,839	1,537	1,715	1,590	1,871	1,704
Shipments, feeder, to 8 corn-belt States.....do.....	140	164	384	586	869	432	198	133	112	141	128	130	160
Prices, wholesale:													
Beef steers (Chicago).....dol. per 100 lb..	26.47	25.86	26.28	28.11	28.93	28.21	26.47	25.98	25.58	25.90	26.94	29.02	30.13
Steers, stocker and feeder (Kansas City).....do.....	22.53	20.62	20.06	19.74	20.57	21.45	21.44	22.94	24.13	25.32	25.79	27.19	27.44
Calves, vealers (Chicago).....do.....	25.94	24.88	25.70	27.25	27.15	26.75	27.25	30.40	30.88	29.06	29.19	30.35	29.00
Hogs:													
Slaughter (Federally inspected)													
.....thous. of animals..	3,745	3,165	3,417	3,879	4,959	6,003	6,477	5,844	4,191	5,020	4,316	4,338	4,154
Receipts, principal markets.....do.....	† 2,411	2,072	2,314	2,395	3,055	3,618	3,813	3,712	2,691	3,058	2,593	2,836	2,586
Prices:													
Wholesale, average, all grades (Chicago).....dol. per 100 lb..	19.08	18.23	19.09	19.74	17.87	15.87	15.05	15.23	16.55	16.13	16.02	18.41	18.18
Hog-corn ratio.....bu. of corn equal in value to 100 lb. of live hog..	15.5	15.4	16.4	17.2	16.1	15.3	13.1	13.1	14.3	13.5	12.4	13.8	13.1
Sheep and lambs:													
Slaughter (Federally inspected)													
.....thous. of animals..	898	976	1,126	1,180	1,172	1,060	1,058	1,077	863	939	834	941	1,019
Receipts, principal markets.....do.....	† 1,166	1,202	1,650	1,932	2,054	1,296	1,139	1,206	931	979	1,013	1,455	1,206
Shipments, feeder, to 8 corn-belt States.....do.....	138	144	355	534	872	212	71	115	112	101	98	157	166
Prices, wholesale:													
Lambs, average (Chicago).....dol. per 100 lb..	27.12	24.50	23.62	23.00	23.75	23.38	22.38	24.00	26.12	27.62	26.75	27.12	27.75
Lambs, feeder, good and choice (Omaha).....do.....	(1)	(1)	22.66	23.21	23.28	23.25	22.88	23.64	25.12	26.59	(1)	(1)	(1)
MEATS													
Total meats (including lard):													
Production (inspected slaughter).....mil. of lb..	1,438	1,358	1,441	1,436	1,564	1,763	1,864	1,793	1,356	1,585	1,397	1,488	1,501
Stocks, cold storage, end of month.....do.....	716	643	520	411	409	532	799	943	897	866	857	† 802	767
Exports.....do.....	97	65	46	45	41	58	69	55	78	85	46	43	-----
Beef and veal:													
Production (inspected slaughter).....thous. of lb..	645,249	638,252	716,737	698,993	660,890	640,589	616,302	642,167	554,425	644,109	575,795	638,652	628,277
Stocks, cold storage, end of month.....do.....	81,148	75,627	72,053	71,475	78,763	103,582	136,903	143,599	123,281	110,022	98,839	† 78,844	68,649
Exports.....do.....	1,227	1,482	2,511	2,260	1,070	1,167	2,569	1,118	1,078	1,021	1,433	1,588	-----
Price, wholesale, beef, fresh, steer carcasses, good (600-700 lbs.) (New York).....dol. per lb..	.433	.431	.438	.464	.476	.476	.445	.438	.430	.433	.447	.474	.488
Lamb and mutton:													
Production (inspected slaughter).....thous. of lb..	37,427	40,975	48,257	50,414	51,338	47,893	48,992	51,344	42,392	45,917	39,949	43,184	43,597
Stocks, cold storage, end of month.....do.....	6,761	6,651	6,869	7,268	8,222	10,534	13,811	14,332	13,062	10,689	8,440	† 7,099	7,136
Pork, including lard, production (inspected slaughter).....thous. of lb..	754,870	678,466	675,735	686,365	851,970	1,074,324	1,198,884	1,099,016	759,390	894,965	780,940	806,047	829,338
Pork, excluding lard:													
Production (inspected slaughter).....do.....	556,838	495,142	500,186	518,143	634,343	801,460	880,945	804,033	558,664	664,439	573,780	592,792	605,008
Stocks, cold storage, end of month.....do.....	419,390	367,043	283,178	204,678	209,687	297,205	473,741	582,737	573,108	548,640	541,955	† 492,194	466,292
Exports.....do.....	11,925	6,102	6,749	4,342	2,479	2,711	6,576	4,017	4,179	5,584	5,145	4,812	-----
Prices, wholesale:													
Hams, smoked (Chicago).....dol. per lb..	.556	.586	.613	.569	.489	.468	.469	.489	.495	.485	.478	.528	.548
Fresh loins, 8-10 lb. average (New York).....do.....	.533	.546	.558	.551	.453	.386	.351	.368	.430	.409	.412	.485	.480
Miscellaneous meats and meat products, stocks, cold storage, end of month:													
Edible offal.....thous. of lb..	55,322	56,671	54,958	51,245	47,642	51,174	62,163	63,173	56,670	54,246	48,699	† 46,631	44,788
Canned meats and sausage and sausage-room products.....thous. of lb..	49,570	41,209	34,310	27,374	26,094	30,014	38,186	45,984	49,467	54,818	51,381	† 49,190	45,842
Lard:													
Production (inspected slaughter).....do.....	144,798	134,178	128,257	122,743	158,861	199,237	232,483	215,492	146,905	170,946	151,151	155,971	163,743
Stocks, cold storage, end of month.....do.....	103,890	96,255	68,819	48,768	38,320	39,808	73,995	92,949	81,174	87,306	108,105	† 128,467	134,708
Exports.....do.....	76,508	52,293	29,407	32,682	31,503	49,467	54,311	45,770	68,583	74,019	34,873	† 31,629	-----
Price, wholesale, refined (Chicago).....dol. per lb..	.136	.132	.166	.152	.158	.130	.128	.129	.129	.132	.132	.147	.142
POULTRY AND EGGS													
Poultry:													
Receipts, 5 markets.....thous. of lb..	38,054	34,769	38,991	49,399	58,185	82,866	73,034	34,859	28,604	27,462	30,985	36,928	36,707
Stocks, cold storage, end of month.....do.....	74,733	71,261	83,466	132,380	211,517	267,508	292,513	295,736	260,523	212,053	167,000	† 136,548	122,701
Price, wholesale, live fowls (Chicago).....dol. per lb..	.268	.241	.260	.238	.236	.217	.213	.204	.223	.239	.226	.211	.208
Eggs:													
Production, farm.....millions.....	† 4,912	4,334	3,853	3,576	3,749	3,851	4,499	5,147	5,217	6,429	6,386	6,142	5,168
Dried egg production.....thous. of lb..	† 7,788	6,118	3,963	1,778	933	1,207	8,579	3,239	6,257	10,082	12,987	19,051	16,316
Stocks, cold storage, end of month:													
Shell.....thous. of cases..	2,290	1,936	1,426	810	501	250	110	380	735	1,296	2,147	† 3,412	3,696
Frozen.....thous. of lb..	166,582	168,394	146,868	121,476	96,382	72,556	53,902	55,052	73,159	116,546	155,108	† 179,732	187,744
Price, wholesale, extras, large (Chicago)†.....dol. per doz..	.493	.533	.559	.628	.564	.527	.381	.323	.327	.358	.344	.317	.342
MISCELLANEOUS FOOD PRODUCTS													
Candy, sales by manufacturers.....thous. of dol..	36,028	25,580	40,928	66,713	69,382	65,913	52,730	51,675	49,091	53,018	42,945	40,368	37,542
Cocoa:													
Imports.....long tons..	32,103	21,845	22,119	11,253	9,936	21,019	30,461	23,512	42,469	24,918	20,053	32,893	-----
Price, wholesale, Accra (New York).....dol. per lb..	.187	.211	.226	.200	.205	.246	.259	.272	.251	.228	.240	.286	.308
Coffee:													
Clearances from Brazil, total.....thous. of bags..	1,326	1,672	1,868	2,332	1,945	2,185	1,439	1,093	779	1,286	728	855	1,198
To United States.....do.....	906	933	1,129	1,403	1,280	1,507	874	699	519	727	596	506	803
Visible supply, United States.....do.....	808	859	796	798	763	850	992	868	928	949	731	609	609
Imports.....do.....	1,685	1,688	1,604	1,932	1,853	2,016	2,247	2,070	1,574	1,321	1,131	1,050	-----
Price, wholesale, Santos, No. 4 (New York).....dol. per lb..	.272	.277	.284	.302	.355	.496	.490	.496	.485	.471	.473	.462	.478
Fish:													
Landings, fresh fish, 5 ports.....thous. of lb..	71,117	66,145	77,219	64,091	55,030	42,129	31,246	27,205	32,953	39,329	-----	-----	-----
Stocks, cold storage, end of month.....do.....	114,031	127,217	146,344	150,608	156,077	158,719	146,813	125,516	105,818	87,133	† 79,027	† 97,773	116,897

† Revised. 1 No quotation.

† Revised series. U. S. Department of Agriculture data replace the series for U. S. standards published prior to the October 1949 issue of the SURVEY. Data for September 1944 to December 1948 are shown on p. 24 of the June 1950 issue of the SURVEY.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
FOODSTUFFS AND TOBACCO—Continued													
MISCELLANEOUS FOOD PRODUCTS—Con.													
Sugar:													
Cuban stocks, raw, end of month thous. of Spanish tons..	* 3,223	2,599	2,022	1,668	1,021	707	397	423	1,423	2,878	3,438	3,818	3,246
United States:													
Deliveries and supply (raw basis):													
Production and receipts:													
Production.....short tons..	(1)	(1)	43,899	116,207	548,576	766,441	418,627	72,870	31,605	24,382	17,572	28,821	45,324
Entries from off-shore.....do.	509,595	471,237	642,038	391,859	402,253	252,307	306,744	404,682	379,389	584,423	572,778	593,854	550,711
Hawaii and Puerto Rico.....do.	123,322	84,350	132,227	165,441	133,168	99,018	309,803	174,121	119,554	148,180	243,296	241,671	210,870
Deliveries, total.....do.	* 793,193	747,453	924,533	733,977	523,702	539,902	527,904	511,962	503,096	620,674	565,982	738,558	848,052
For domestic consumption.....do.	* 790,135	743,698	921,391	* 729,920	519,358	537,257	525,835	508,537	501,508	618,495	565,226	735,153	845,996
For export.....do.	3,058	3,755	3,242	4,057	4,344	2,645	2,069	3,425	1,588	2,179	756	3,705	2,086
Stocks, raw and refined, end of month thous. of short tons..	1,252	956	617	404	879	1,446	1,708	1,625	1,525	1,564	1,573	1,489	1,178
Exports, refined sugar.....short tons..	1,997	1,879	2,379	2,403	1,475	1,133	977	1,695	693	5,976	64,433	82,827	-----
Imports:													
Raw sugar, total.....do.	346,792	342,089	342,392	243,822	250,846	197,959	66,038	139,962	233,873	387,367	260,725	309,350	-----
From Cuba.....do.	253,348	232,097	272,690	225,129	242,278	190,878	66,011	125,411	201,313	337,769	203,875	235,773	-----
From Philippine Islands ².....do.	88,409	104,072	61,901	5,581	1,416	7,076	0	6,238	32,505	49,504	65,850	71,760	-----
Refined sugar, total.....do.	38,430	23,401	28,259	28,272	27,763	24,521	50	* 18,555	37,980	49,421	37,933	55,147	-----
From Cuba.....do.	36,555	23,398	23,684	28,259	26,639	24,511	0	* 18,544	37,789	49,111	37,307	54,244	-----
Price (New York):													
Raw, wholesale.....dol. per lb.	.059	.058	.059	.060	.060	.059	.057	.058	.056	.055	.055	.057	.058
Refined:													
Retail.....do.	.093	.093	.093	.093	.093	.093	.093	1.462	1.461	1.456	1.455	1.454	.454
Wholesale.....do.	.078	.077	.077	.078	.079	.079	.079	.079	.076	.076	.076	.076	.076
Tea, imports.....thous. of lb.	8,485	6,129	7,877	8,443	7,702	9,327	6,289	7,628	7,943	* 13,773	9,550	10,131	-----
TOBACCO													
Leaf:													
Production (crop estimate).....mil. of lb.	-----	-----	-----	-----	-----	-----	-----	* 1,970	-----	-----	-----	-----	* 1,932
Stock, dealers' and manufacturers', end of quarter, total.....mil. of lb.	3,509	-----	-----	3,690	-----	-----	-----	3,880	-----	3,944	-----	-----	-----
Domestic:													
Cigar leaf.....do.	367	-----	-----	330	-----	-----	-----	316	-----	402	-----	-----	-----
Air-cured, fire-cured, flue-cured, and miscel- laneous domestic.....mil. of lb.	2,970	-----	-----	3,206	-----	-----	-----	3,404	-----	3,371	-----	-----	-----
Foreign grown:													
Cigar leaf.....do.	23	-----	-----	20	-----	-----	-----	19	-----	19	-----	-----	-----
Cigarette tobacco.....do.	149	-----	-----	134	-----	-----	-----	141	-----	152	-----	-----	-----
Exports, including scrap and stems.....thous. of lb.	33,402	30,563	61,963	76,768	56,720	37,675	50,151	16,052	19,049	28,203	44,167	36,823	-----
Imports, including scrap and stems.....do.	8,218	6,006	9,088	7,483	7,261	6,903	4,758	8,355	6,368	7,930	6,530	8,121	-----
Manufactured products:													
Production, manufactured tobacco, total.....do.	21,740	16,625	22,986	22,565	22,434	19,675	17,119	18,982	17,867	22,031	18,099	19,159	-----
Chewing, plug, and twist.....do.	8,558	6,918	8,839	8,345	7,774	7,072	6,643	7,566	7,023	8,085	6,354	6,568	-----
Smoking.....do.	9,747	7,311	10,308	10,579	10,997	9,055	6,971	8,483	7,919	10,199	8,391	9,189	-----
Snuff.....do.	3,435	2,396	3,838	3,641	3,664	3,547	3,505	2,933	2,925	3,747	3,353	3,402	-----
Consumption (withdrawals):													
Cigarettes (small):													
Tax-free.....millions..	3,236	2,155	3,041	2,680	2,777	2,215	2,432	1,973	2,178	2,146	1,974	2,395	2,594
Tax-paid.....do.	32,849	25,806	35,347	31,743	29,194	29,657	24,776	29,290	25,645	32,036	25,829	32,674	32,815
Cigars (large), tax-paid.....thousands.	519,509	422,496	516,208	532,446	534,274	508,626	386,169	424,088	415,318	453,631	383,345	424,870	471,152
Manufactured tobacco and snuff, tax-paid thous. of lb.	20,583	16,625	22,869	* 23,674	21,975	19,324	16,556	19,286	17,354	21,941	18,176	18,998	20,095
Exports, cigarettes.....millions.	1,611	1,449	1,476	1,720	1,523	1,341	1,893	903	969	1,464	1,157	1,017	-----
Price, wholesale (composite), cigarettes, f. o. b., destination.....dol. per thous.	6.862	6.862	6.862	6.862	6.862	6.862	6.862	6.862	6.862	6.862	6.862	6.862	6.862

LEATHER AND PRODUCTS

HIDES AND SKINS													
Imports, total hides and skins.....thous. of lb.	11,942	14,082	16,951	15,569	16,028	16,499	18,503	23,838	20,421	22,115	18,683	20,781	-----
Calf and kip skins.....thous. of pieces..	44	23	118	145	120	116	110	276	251	170	154	177	-----
Cattle hides.....do.	103	27	35	41	47	77	172	356	162	184	122	160	-----
Goatskins.....do.	4,005	3,319	2,637	2,312	2,771	2,688	3,041	2,924	3,752	3,743	3,052	4,269	-----
Sheep and lamb skins.....do.	965	2,726	4,076	3,276	2,571	2,723	1,811	2,335	1,351	2,040	3,013	2,348	-----
Prices, wholesale (Chicago):													
Calfskins, packers', 8 to 15 lb.....dol. per lb.	.398	.385	.410	.421	.425	.425	.445	.450	.425	.440	.431	.450	.484
Hides, steer, packers', heavy, native.....do.	.214	.209	.238	.246	.244	.245	.232	(6)	.207	.213	.208	.220	.245
LEATHER													
Production:													
Calf and kip.....thous. of skins..	877	671	867	831	886	861	941	925	885	902	* 814	829	-----
Cattle hide.....thous. of hides..	1,974	1,565	1,985	1,964	1,874	1,869	1,974	1,880	1,949	2,115	1,853	1,949	-----
Goat and kid.....thous. of skins..	3,034	2,371	2,743	3,008	2,956	2,743	2,794	3,016	2,960	3,514	2,821	3,194	-----
Sheep and lamb.....do.	2,399	1,818	2,599	2,509	2,677	2,687	2,128	2,193	2,675	2,566	2,625	2,706	-----
Exports:													
Sole leather:													
Bends, backs, and sides.....thous. of lb.	93	87	70	92	60	9	25	5	57	82	52	13	-----
Offal, including belting offal.....do.	116	106	73	49	41	6	31	10	21	39	27	19	-----
Upper leather.....thous. of sq. ft.	3,203	2,906	3,462	2,886	3,938	2,882	4,016	3,246	2,802	2,990	2,594	2,471	-----
Prices, wholesale:													
Sole, bends, steer, f. o. b. tannery.....dol. per lb.	.568	.564	.555	.559	.559	.549	.549	.549	.539	.539	.539	.539	.539
Chrome calf, black, B grade, composite dol. per sq. ft.	1.024	1.016	.975	.977	.975	.975	.988	.991	.991	1.017	1.027	1.034	1.037

* Revised.

1 Corrected monthly figures are not available; January-July 1949 total (including revisions for January and February) is 218,055 short tons.

2 Price for 5 pounds; quotations prior to 1950 are for 1-pound package.

3 December 1 estimate. 4 July 1 estimate. 5 No quotation.

6 See corresponding note on p. S-30 of the October 1949 SURVEY.

NOTE FOR LUMBER SERIES, p. S. 31.—Exports of sawmill products for 1948 have been adjusted to exclude box shooks, in accordance with the revised commodity classification effective January 1949. Revisions for January-July 1948 are shown in a footnote on p. S-38 of the October 1949 SURVEY.

Minor monthly revisions for total lumber (production, shipments, and stocks) and West Coast woods (orders, production, shipments, and stocks) for 1946-48—since publication of the 1949 STATISTICAL SUPPLEMENT—are available upon request. Revised data for Western pine for January 1947-March 1948 are shown in the above-mentioned note.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey

	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
LEATHER AND PRODUCTS—Continued													
LEATHER MANUFACTURES													
Shoes and slippers: \$													
Production, total..... thous. of pairs.....	* 39,978	* 34,456	* 46,438	* 43,007	* 39,677	* 34,959	* 35,593	38,696	39,259	46,496	* 38,058	38,368	-----
Shoes, sandals, and play shoes, except athletic, total..... thous. of pairs.....	* 35,242	* 29,924	* 40,033	* 35,981	* 32,345	* 27,956	* 31,220	35,822	36,209	* 42,861	* 34,320	34,242	-----
By types of uppers: ♂													
All leather..... do.....								33,170	33,264	38,629	29,814	-----	-----
Part leather and nonleather..... do.....								2,651	3,023	3,940	3,477	-----	-----
By kinds:													
Men's..... do.....	* 8,482	* 6,434	* 8,753	* 8,460	* 8,300	* 7,256	* 8,076	8,148	7,982	9,421	* 7,842	8,289	-----
Youths' and boys'..... do.....	* 1,654	* 1,474	* 1,808	* 1,725	* 1,627	* 1,147	* 1,289	1,207	1,203	1,378	* 1,105	1,283	-----
Women's..... do.....	* 17,424	* 15,910	* 21,467	* 18,728	* 15,495	* 12,887	* 14,050	17,974	18,709	22,577	* 17,468	16,955	-----
Misses' and children's..... do.....	* 4,489	* 3,764	* 5,005	* 4,377	* 4,163	* 3,957	* 4,538	5,134	5,109	5,762	* 4,670	4,542	-----
Infants' and babies'..... do.....	* 3,193	* 2,342	* 3,000	* 2,691	* 2,760	* 2,709	* 3,267	3,359	3,206	* 3,723	* 3,235	3,173	-----
Slippers for housewear..... do.....	* 4,240	* 4,077	* 5,821	* 6,399	* 6,718	* 6,497	* 3,925	2,425	2,569	3,198	* 3,237	3,506	-----
Athletic..... do.....	* 267	* 233	* 319	* 314	* 318	* 279	* 232	220	247	277	* 277	317	-----
Other footwear..... do.....	* 229	* 222	* 265	* 313	* 296	* 227	* 216	229	234	275	* 224	243	-----
Exports..... do.....	287	334	527	406	409	365	348	229	319	337	307	257	-----
Prices, wholesale, factory, Goodyear welt, leather sole:													
Men's black calf oxford, plain toe..... dol. per pair.....	9.653	9.653	9.653	9.653	9.604	9.555	9.555	9.555	9.555	9.555	9.555	9.555	9.555
Men's black calf oxford, tip toe..... do.....	6.600	6.600	6.600	6.600	6.600	6.600	6.600	6.600	6.600	6.600	6.600	6.750	6.750
Women's black kid blucher oxford..... do.....	5.150	5.150	5.150	5.150	5.150	5.150	5.150	5.150	5.150	5.150	5.150	5.150	5.150

LUMBER AND MANUFACTURES

LUMBER—ALL TYPES													
Exports, total sawmill products†..... M bd. ft.....	60,234	44,549	61,796	74,533	52,514	62,046	44,529	33,746	34,469	34,383	38,682	38,178	-----
Imports, total sawmill products..... do.....	121,115	100,173	123,729	146,878	170,493	200,847	173,518	167,262	166,228	255,642	* 262,114	275,382	-----
National Lumber Manufacturers Association:													
Production, total..... mil. bd. ft.....	3,027	2,664	3,201	3,126	3,049	3,087	2,953	2,387	2,463	3,091	3,227	3,576	3,579
Hardwoods†..... do.....	514	497	566	564	604	649	656	633	601	669	688	752	754
Softwoods†..... do.....	2,513	2,167	2,635	2,562	2,445	2,438	2,297	1,754	1,862	2,422	2,539	2,824	2,825
Shipments, total..... do.....	2,963	2,608	3,146	3,216	3,225	3,364	2,983	2,633	2,865	3,343	3,220	3,683	3,600
Hardwoods..... do.....	444	460	544	578	606	732	662	697	689	739	683	776	703
Softwoods..... do.....	2,519	2,148	2,602	2,632	2,619	2,632	2,321	1,936	2,176	2,604	2,537	2,907	2,897
Stocks, gross (mill and concentration yards), end of month, total†..... mil. bd. ft.....	7,298	7,354	7,409	7,324	7,207	6,881	6,851	7,028	6,976	6,277	6,350	6,117	6,096
Hardwoods..... do.....	2,227	2,264	2,286	2,272	2,270	2,187	2,478	2,478	2,390	1,960	1,966	1,941	1,992
Softwoods..... do.....	5,071	5,090	5,123	5,052	4,937	4,694	4,373	4,550	4,586	4,317	4,384	4,176	4,104
SOFTWOODS													
Douglas fir:													
Exports, total sawmill products..... M bd. ft.....	27,606	20,594	31,062	42,275	24,305	30,784	18,685	10,916	11,965	14,600	15,425	9,331	-----
Sawed timber..... do.....	9,681	4,852	5,474	9,054	5,008	7,884	3,882	4,437	5,379	3,977	5,145	2,125	-----
Boards, planks, scantlings, etc..... do.....	17,925	15,742	25,588	33,221	19,297	22,900	14,803	6,479	6,586	10,623	10,280	7,206	-----
Prices, wholesale:													
Dimension, No. 1 common, 2" x 4" x 16'..... dol. per M bd. ft.....	67.568	64.680	63.896	62.720	62.720	62.720	63.210	64.484	66.640	67.620	69.090	72.324	(1)
Flooring, B and better, F. G., 1" x 4", R. L. L..... dol. per M bd. ft.....	118.058	114.660	114.660	114.660	108.780	105.448	104.860	102.900	103.635	105.840	105.840	109.368	(1)
Southern pine:													
Orders, new..... mil. bd. ft.....	690	697	913	842	765	711	627	714	802	749	770	982	840
Orders, unfilled, end of month..... do.....	228	247	340	372	374	304	253	291	397	361	385	488	469
Production..... do.....	703	670	744	782	701	760	756	703	667	766	758	798	797
Shipments..... do.....	723	678	820	810	763	781	678	676	696	785	746	879	859
Stocks, gross (mill and concentration yards), end of month..... mil. bd. ft.....	1,740	1,732	1,656	1,628	1,566	1,545	1,623	1,650	1,621	1,602	1,614	1,533	1,471
Exports, total sawmill products..... M bd. ft.....	9,934	9,028	9,218	8,869	8,468	9,226	7,925	9,104	8,269	6,813	8,602	8,866	-----
Sawed timber..... do.....	3,457	3,016	2,737	2,488	2,376	3,298	2,791	2,688	2,178	1,584	2,562	1,926	-----
Boards, planks, scantlings, etc..... do.....	6,477	6,012	6,481	6,381	6,092	5,928	5,134	6,416	6,091	5,229	6,040	6,940	-----
Prices, wholesale, composite:													
Boards, No. 2 common, 1" x 6" or 8" x 12'..... dol. per M bd. ft.....	59.033	59.479	61.173	63.326	64.311	65.008	65.467	65.765	65.618	65.986	66.176	69.342	72.128
Flooring, B and better, F. G., 1" x 4" x 12-14'..... dol. per M bd. ft.....	139.374	139.200	136.484	138.542	139.583	140.256	140.256	141.114	139.472	139.410	139.165	141.892	142.770
Western pine:													
Orders, new..... mil. bd. ft.....	684	643	673	693	643	630	624	461	467	584	619	721	828
Orders, unfilled, end of month..... do.....	539	607	629	699	734	759	767	757	755	763	783	719	758
Production..... do.....	712	628	721	627	617	563	477	264	326	477	586	729	837
Shipments..... do.....	643	678	655	626	669	627	569	405	439	582	597	697	789
Stocks, gross, mill, end of month..... do.....	1,713	1,763	1,829	1,840	1,847	1,724	1,632	1,491	1,377	1,272	1,261	1,293	1,341
Prices, wholesale, boards, No. 3 common, 1" x 8"..... dol. per M bd. ft.....	65.20	62.54	59.21	57.02	57.56	58.00	59.18	60.37	61.26	62.72	64.13	66.22	68.53
West Coast woods:													
Orders, new†..... mil. bd. ft.....	772	743	931	954	926	884	788	919	748	995	1,044	917	905
Orders, unfilled, end of month..... do.....	307	469	555	595	620	575	520	800	848	807	902	878	844
Production..... do.....	821	638	873	855	852	838	830	575	644	921	927	994	886
Shipments..... do.....	887	671	846	913	902	929	842	636	796	968	929	1,027	938
Stocks, gross, mill, end of month..... do.....	876	843	870	811	761	671	659	567	766	727	790	631	579
SOFTWOOD PLYWOOD													
Production..... thous. of sq. ft., 3/8" equivalent.....	160,820	109,213	182,204	181,644	189,159	189,244	192,454	175,484	177,577	235,291	207,431	228,278	-----
Shipments..... do.....	170,171	115,035	185,191	182,512	191,511	193,447	198,390	168,635	177,905	237,000	206,840	223,917	-----
Stocks, end of month..... do.....	71,285	65,774	62,868	62,278	59,664	55,304	49,189	55,268	55,322	53,878	53,638	56,727	-----
HARDWOOD FLOORING													
Maple, beech, and birch:													
Orders, new..... M bd. ft.....	4,299	4,275	4,200	4,300	4,800	4,525	4,325	5,400	5,275	7,150	5,800	7,525	5,425
Orders, unfilled, end of month..... do.....	6,872	6,875	6,300	6,606	6,850	7,125	5,900	7,225	8,250	9,850	11,050	12,675	12,475
Production..... do.....	5,246	4,650	4,900	4,325	4,175	4,375	4,450	4,225	4,125	4,850	4,025	5,225	5,425
Shipments..... do.....	4,651	4,000	4,550	3,950	4,575	4,200	4,250	4,225	4,450	5,450	4,625	5,325	6,550
Stocks, mill, end of month..... do.....	8,843	9,300	9,700	10,150	9,650	10,000	10,025	9,925	9,650	9,050	8,275	8,150	7,000

* Revised. † No quotation.
 ‡ Data beginning 1949 have been revised to include reports from additional companies (accounting for about 4 percent of total production in 1949) and, therefore, are not comparable with earlier figures; revisions for January-May 1949 will be shown later.
 § The figures include a comparatively small number of "other footwear" which is not shown separately from shoes, sandals, etc., in the distribution by types of uppers; there are further small differences between the sum of the figures and the totals for shoes, sandals, and play shoes, because the latter, and also the distribution by kinds, include small revisions not available by types of uppers. Data through 1949, shown prior to this issue of the SURVEY, covered fewer reporting companies (see note "§" above).
 ¶ See note at the bottom of p. S-30 of this issue regarding revised lumber series.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949						1950						
	June	July	August	September	October	November	December	January	February	March	April	May	June
LUMBER AND MANUFACTURES—Continued													
HARDWOOD FLOORING—Continued													
Oak:													
Orders, new..... M bd. ft.	56,876	62,722	78,066	87,382	85,525	74,615	71,891	85,965	91,090	93,988	78,601	92,625	84,121
Orders, unfilled, end of month..... do.	31,908	30,229	35,029	47,846	55,918	55,715	61,488	75,816	95,627	102,330	102,115	106,689	95,723
Production..... do.	66,584	58,250	70,606	71,309	72,162	72,953	69,066	71,038	68,334	81,049	75,243	86,791	91,649
Shipments..... do.	62,825	61,691	73,266	74,565	77,453	74,818	66,118	71,637	71,297	87,255	78,816	83,051	95,087
Stocks, mill, end of month..... do.	66,232	62,791	57,135	53,879	47,202	44,201	47,149	45,612	41,201	34,965	31,392	28,134	24,696

METALS AND MANUFACTURES

IRON AND STEEL													
Foreign trade:													
Iron and steel products (excl. advanced mfrs.):													
Exports, total..... short tons..	599,093	507,212	509,644	521,543	255,787	187,451	372,573	298,605	279,565	273,036	256,602	289,000	-----
Scrap..... do.	50,866	23,210	27,342	22,423	20,319	17,557	18,189	13,552	14,603	14,481	18,151	18,575	-----
Imports, total..... do.	109,133	55,745	50,667	19,327	25,247	62,358	62,501	69,136	51,136	97,848	102,857	136,730	-----
Scrap..... do.	91,838	52,359	43,207	5,618	17,086	11,924	18,930	33,468	3,606	15,832	18,408	21,090	-----
Iron and Steel Scrap													
Consumption, total..... thous. of short tons..	4,398	3,800	4,756	4,631	1,664	3,401	5,320	5,495	5,084	5,714	5,733	5,973	-----
Home scrap..... do.	2,500	2,241	2,747	2,658	765	1,795	2,824	2,956	2,677	2,992	2,988	3,115	-----
Purchased scrap..... do.	1,898	1,559	2,009	1,973	899	1,606	2,496	2,539	2,407	2,722	2,745	2,858	-----
Stocks, consumers', end of month, total..... do.	5,824	5,748	5,351	4,824	5,340	5,497	5,718	5,400	5,154	4,740	4,511	4,646	-----
Home scrap..... do.	1,751	1,820	1,789	1,531	1,737	1,693	1,642	1,548	1,468	1,343	1,315	1,371	-----
Purchased scrap..... do.	4,073	3,928	3,563	3,293	3,603	3,804	4,076	3,852	3,686	3,397	3,196	3,275	-----
Ore													
Iron ore:													
All districts:													
Production..... thous. of long tons..	12,923	12,757	11,986	10,164	709	2,049	2,816	2,777	2,492	2,496	2,909	10,740	-----
Shipments..... do.	13,750	13,696	12,582	10,421	1,591	2,079	1,649	1,524	1,245	1,150	2,087	10,770	-----
Stocks, end of month..... do.	7,112	6,172	5,576	5,319	4,456	4,407	5,575	6,831	8,077	9,424	10,337	10,306	-----
Lake Superior district:													
Shipments from upper lake ports..... do.	12,141	12,768	11,315	9,461	1,575	1,103	171	0	0	0	349	9,496	11,738
Consumption by furnaces..... do.	6,249	5,258	5,711	5,541	877	3,520	6,760	6,740	5,329	5,948	7,109	7,267	7,227
Stocks, end of month, total..... do.	27,696	35,064	40,811	45,356	47,017	44,786	38,629	32,004	26,745	20,865	14,099	14,384	19,189
At furnaces..... do.	24,957	31,493	36,084	39,346	39,585	37,848	32,544	26,710	22,103	16,829	11,033	11,544	15,997
On Lake Erie docks..... do.	2,739	3,571	4,728	6,010	7,432	6,939	6,085	5,294	4,642	4,035	3,066	2,840	3,192
Imports..... do.	642	946	1,025	968	461	654	348	601	509	579	334	678	-----
Manganese ore, imports (manganese content)..... thous. of long tons..	60	42	46	50	44	60	80	47	55	61	68	64	-----
Pig Iron and Iron Manufactures													
Castings, gray iron:													
Unfilled orders for sale..... thous. of short tons..	1,087	1,032	1,048	980	955	939	892	914	873	922	922	978	1,040
Shipments, total..... do.	906	697	872	881	716	719	862	913	864	996	981	1,095	1,136
For sale..... do.	455	342	446	459	398	395	440	450	417	500	484	573	613
Castings, malleable iron:													
Orders, new, for sale..... short tons..	23,560	24,147	20,861	26,828	25,392	26,723	34,719	34,390	35,991	41,456	42,663	43,256	56,322
Orders, unfilled, for sale..... do.	69,865	70,796	61,330	57,512	54,322	55,795	60,835	62,307	67,049	69,866	76,250	77,074	86,783
Shipments, total..... do.	59,597	44,360	58,121	60,488	57,150	49,439	57,379	62,874	60,386	66,259	69,822	76,161	82,345
For sale..... do.	32,639	23,216	30,327	30,646	28,582	25,250	29,679	32,918	31,249	38,639	36,279	42,432	46,613
Pig iron:													
Production..... thous. of short tons..	4,819	4,173	4,477	4,350	612	2,722	5,231	5,294	4,173	4,601	5,577	5,855	5,633
Consumption..... do.	4,573	4,054	4,604	4,495	753	2,773	5,215	5,285	4,357	4,779	5,548	5,827	-----
Stocks (consumers' and suppliers'), end of month..... thous. of short tons..	1,942	2,013	1,847	2,230	1,016	1,446	1,499	1,441	1,299	1,138	1,144	1,168	-----
Prices, wholesale:													
Composite..... dol. per long ton..	46.62	46.62	46.62	46.68	46.68	46.68	46.68	46.68	46.85	47.28	47.28	47.28	47.28
Basic (furnace)..... do.	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00
Foundry, No. 2, f. o. b. Neville Island..... do.	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50
Steel, Crude and Semimanufactures													
Steel castings:													
Shipments, total..... short tons..	116,052	78,710	89,964	86,502	70,690	76,437	84,508	88,821	91,827	111,772	106,964	117,944	130,491
For sale, total..... do.	84,112	50,124	59,412	55,853	48,263	50,685	53,079	57,996	62,045	77,588	75,133	83,845	94,637
Railway specialties..... do.	26,940	14,625	13,348	11,823	8,964	7,270	9,258	9,298	10,920	15,281	17,406	20,552	27,065
Steel forgings, for sale:													
Orders, unfilled, total..... do.	376,761	348,239	311,923	294,240	280,291	286,897	307,656	327,035	340,955	350,358	357,238	372,804	408,345
Drop and upset..... do.	310,182	293,206	257,259	250,239	231,849	240,715	263,816	280,023	294,251	287,874	297,032	311,811	342,535
Press and open hammer..... do.	66,579	55,033	54,664	44,001	48,442	46,182	43,840	47,012	46,704	62,484	60,206	60,993	65,810
Shipments, total..... do.	100,756	70,129	95,794	88,417	81,278	72,859	78,266	92,994	92,547	108,677	99,193	113,657	117,333
Drop and upset..... do.	77,877	55,072	73,630	71,781	65,651	56,455	61,765	73,458	73,440	87,745	80,950	93,459	96,061
Press and open hammer..... do.	22,879	15,057	22,164	16,636	15,627	16,404	16,501	19,536	19,107	20,932	18,243	20,198	21,272
Steel ingots and steel for castings:													
Production..... thous. of short tons..	6,505	5,785	6,723	6,598	928	4,223	7,728	7,930	6,793	7,487	8,213	8,552	8,131
Percent of capacity..... do.	82	71	82	84	11	53	95	94	89	89	100	101	99
Prices, wholesale:													
Composite, finished steel..... dol. per lb.	.0420	.0420	.0420	.0420	.0420	.0420	.0427	.0438	.0438	.0438	.0438	.0438	.0438
Steel billets, rerolling (producing point)..... dol. per long ton..	58.24	58.24	58.24	58.24	58.24	58.24	58.80	59.36	59.36	59.36	59.36	59.36	59.36
Structural steel (Pittsburgh)..... dol. per lb.	.0350	.0350	.0350	.0350	.0350	.0350	.0363	.0375	.0375	.0375	.0375	.0375	.0375
Steel scrap, heavy melting (Pittsburgh)..... dol. per long ton..	23.00	21.00	21.00	27.75	29.38	31.38	31.00	30.00	31.63	31.60	32.88	37.00	43.90
Steel, Manufactured Products													
Barrels and drums, steel, heavy types:													
Orders, unfilled, end of month..... thousands..	5,197	5,815	5,645	5,401	5,361	5,298	4,592	4,863	4,937	4,745	4,659	4,410	4,856
Shipments..... do.	2,087	1,833	1,990	2,419	1,694	1,682	1,956	1,635	1,758	2,095	1,721	1,967	2,089
Stocks, end of month..... do.	29	30	33	28	31	26	49	61	42	28	35	36	-----

♠ Revised.

♠ Revised data for January-May 1949 are as follows: *Production* (thous. of short tons)—8,197; 7,494; 8,402; 7,796; 7,599; *percent of capacity*—100; 102; 103; 99; 93.

♠ For 1950, percent of capacity is calculated on annual capacity as of January 1, 1950 of 99,392,800 tons of steel; 1949 data are based on capacity as of January 1, 1949, 96,120,930 tons.

NOTE FOR NONFERROUS MINE PRODUCTION, p. S-33.—Revised data for January-May 1949 are as follows (short tons): *Copper*—50,002; 56,410; 77,912; 72,843; 67,412; *lead*—33,203; 32,667; 39,916; 37,215; 37,006; *zinc*—51,966; 53,235; 62,395; 59,571; 56,304.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949						1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

METALS AND MANUFACTURES—Continued

IRON AND STEEL—Continued													
Steel, Manufactured Products—Continued													
Cans, metal, shipments (in terms of steel consumed), total..... short tons.....	303,921	314,372	489,794	416,974	285,644	227,359	219,119	209,187	198,279	236,413	224,203	282,923	
Food..... do.....	208,633	219,067	383,603	312,538	188,092	150,987	146,653	136,899	121,128	138,019	130,753	164,147	
Nonfood..... do.....	95,288	95,305	106,191	104,436	97,552	76,372	72,466	72,288	77,151	98,394	93,450	118,776	
Shipments for sale..... do.....	250,026	282,977	444,976	371,691	252,522	198,034	184,918	176,582	163,010	192,930	187,986	241,985	
Commercial closures, production..... millions.....	779	746	920	910	874	811	831	951	908	1,061	956	1,087	1,104
Crowns, production..... thousand gross.....	27,559	26,984	29,709	25,511	19,936	19,554	16,767	21,365	22,066	26,281	25,353	30,531	33,036
Steel products, net shipments:													
Total..... thous. of short tons.....	5,177	4,535	4,918	5,236	935	3,297	5,411	5,483	5,135	5,723	5,780	6,253	
Bars, hot rolled—Carbon and alloy..... do.....	564	432	465	524	89	325	606	620	602	652	646	702	
Reinforcing..... do.....	141	125	156	162	31	125	138	122	101	116	122	138	
Semimanufactures..... do.....	139	125	136	125	18	104	220	228	220	230	225	241	
Pipe and tubes..... do.....	623	550	648	655	121	400	653	671	633	658	743	803	
Plates..... do.....	517	464	481	467	51	290	519	456	346	441	438	467	
Rails..... do.....	211	182	196	162	1	31	141	151	125	125	164	189	
Sheets..... do.....	1,355	1,290	1,377	1,497	316	990	1,506	1,572	1,502	1,719	1,686	1,768	
Strip—Cold rolled..... do.....	121	76	106	122	64	78	137	141	141	151	146	154	
Hot rolled..... do.....	150	125	153	179	38	90	164	176	167	182	179	200	
Structural shapes, heavy..... do.....	327	290	300	309	8	215	341	325	309	331	333	364	
Tin plate and terneplate..... do.....	387	418	322	394	81	246	326	348	329	363	366	432	
Wire and wire products..... do.....	347	241	334	386	71	268	419	424	408	464	429	456	
NONFERROUS METALS AND PRODUCTS													
Aluminum:													
Production, primary..... short tons.....	54,184	55,777	52,001	49,742	45,790	35,865	41,161	52,023	50,668	58,747	58,024	61,929	60,400
Imports, bauxite..... long tons.....	262,247	182,171	276,727	245,978	252,431	243,748	259,203	232,796	142,324	253,181	248,354	225,388	
Price, wholesale, scrap castings (N. Y.)..... dol. per lb.....	.0605	.0575	.0651	.0725	.0737	.0775	.0775	.0775	.0775	.0746	.0725	.0757	.0864
Aluminum fabricated products, shipments, total..... mil. of lbs.....	103.9	90.4	104.2	123.4	135.3	107.1	119.8	129.5	140.2	184.9	162.7	163.6	175.1
Castings..... do.....	23.3	18.6	24.0	27.6	29.1	26.3	26.8	28.8	28.9	35.8	33.4	36.0	37.6
Wrought products, total..... do.....	80.7	71.7	80.2	95.8	106.2	80.7	93.1	100.7	111.3	149.0	129.4	127.5	137.5
Plate, sheet, and strip..... do.....	48.1	42.8	49.3	65.3	75.9	54.1	61.2	68.5	77.0	107.4	89.4	85.7	92.7
Brass sheets, wholesale price, mill..... dol. per lb.....	.276	.277	.282	.282	.282	.286	.287	.287	.287	.287	.292	.312	.336
Copper:													
Production:													
Mine production, recoverable copper..... short tons.....	61,254	56,615	55,898	58,111	60,515	66,044	69,734	71,464	67,296	76,083	73,351	74,522	75,168
Crude (mine or smelter, including custom intake)..... short tons.....	72,051	62,449	62,279	64,870	69,052	80,598	80,390	85,626	80,756	90,335	83,782	83,262	96,334
Refined..... do.....	92,118	85,638	85,577	79,949	86,882	92,602	94,947	95,229	94,036	113,440	103,293	112,388	113,961
Deliveries, refined, domestic..... do.....	45,653	45,316	90,739	103,115	108,192	117,133	107,662	111,668	112,773	123,030	101,729	113,837	126,047
Stocks, refined, end of month..... do.....	166,925	212,817	217,167	193,590	164,464	139,169	116,027	101,070	77,472	60,276	57,028	51,020	50,327
Exports, refined and manufactures..... do.....	17,066	10,349	8,695	14,214	9,388	13,075	25,049	12,165	20,748	19,021	17,120	14,064	
Imports, total..... do.....	46,570	33,829	45,372	38,177	37,231	41,786	59,117	56,114	61,382	45,304	34,520	66,114	
Unrefined, including scrap..... do.....	20,221	14,414	24,372	15,745	25,102	21,811	39,274	25,647	39,763	26,501	15,658	27,083	
Refined..... do.....	26,349	19,415	21,000	22,432	12,129	19,975	19,843	30,467	21,619	18,803	18,862	39,031	
Price, wholesale, electrolytic (N. Y.)..... dol. per lb.....	.1634	.1706	.1733	.1733	.1733	.1806	.1820	.1820	.1820	.1820	.1804	.1961	.2200
Lead:													
Ore (lead content):													
Mine production..... short tons.....	36,278	29,836	34,021	30,607	29,887	33,225	36,047	36,007	34,794	38,678	35,612	37,837	36,246
Receipts by smelters, domestic ore..... do.....	36,654	32,126	32,255	30,161	29,497	36,329	37,888	35,031	36,452	38,457	35,513	39,099	35,811
Refined (primary refineries):													
Production..... do.....	45,455	38,332	37,754	34,928	46,246	48,500	48,896	47,512	41,670	49,104	48,196	48,989	44,490
Shipments (domestic)..... do.....	29,132	32,562	33,581	28,298	22,695	36,799	22,738	25,683	21,855	22,358	33,751	45,702	35,774
Stocks, end of month..... do.....	96,367	91,834	75,285	60,208	64,859	65,065	70,424	76,529	79,143	88,581	86,300	76,236	69,025
Price, wholesale, pig, desilverized (New York)..... dol. per lb.....	.1200	.1356	.1503	.1505	.1342	.1252	.1200	.1200	.1200	.1096	.1063	.1172	.1181
Imports, total, except mfrs. (lead content)..... short tons.....	71,661	9,300	30,856	19,240	28,159	25,951	27,356	31,286	33,924	26,197	32,787	54,917	
Tin:													
Production, pig..... long tons.....	3,346	3,129	3,307	3,171	3,246	3,313	3,081	2,987	2,652	3,137	2,743	3,185	
Consumption, pig..... do.....	4,161	3,990	5,045	4,852	2,411	3,925	4,605	4,941	5,131	5,799	5,488	6,120	
Stocks, pig, end of month, total..... do.....	43,431	40,679	31,416	30,287	32,070	35,165	35,777	39,827	43,875	43,875	42,270	43,417	
Government..... do.....	33,704	31,146	21,703	20,873	22,403	23,129	22,452	25,991	25,816	23,396	23,488	23,482	
Industrial..... do.....	9,727	9,533	9,713	9,414	9,667	12,036	13,325	13,145	17,104	19,673	18,427	19,230	
Imports:													
Ore (tin content)..... do.....	2,108	2,210	2,332	3,284	4,899	4,122	1,793	2,549	1,383	1,755	1,392	374	
Bars, blocks, pigs, etc..... do.....	4,049	3,318	6,434	6,458	7,558	4,881	2,915	7,409	8,184	4,972	2,941	10,434	
Price, wholesale, (Straits N. Y.)..... dol. per lb.....	1.0300	1.0300	1.0300	1.0209	.9572	.9119	.7904	.7593	.7435	.7569	.7643	.7750	.7769
Zinc:													
Mine production of recoverable zinc..... short tons.....	54,557	39,933	45,289	42,268	39,219	42,447	46,019	43,793	46,187	51,212	49,113	51,785	49,490
Slab zinc:													
Production..... do.....	73,989	74,569	73,819	70,368	64,399	65,055	71,327	69,948	69,639	77,946	75,877	79,645	75,766
Shipments, total..... do.....	66,900	72,080	74,339	70,228	51,761	73,702	66,125	82,132	84,257	85,589	83,133	90,346	90,920
Domestic..... do.....	44,820	62,443	68,659	60,371	43,998	63,859	57,801	69,020	72,843	74,500	73,389	71,101	68,214
Stocks, end of month..... do.....	82,919	85,408	84,888	85,028	97,666	89,019	94,221	82,037	67,419	59,776	52,520	41,819	26,665
Price, wholesale, prime Western (St. Louis)..... dol. per lb.....	.0955	.0936	.1000	.1001	.0932	.0975	.0975	.0976	.0975	.0994	.1066	.1197	.1465
Imports, total (zinc content)..... short tons.....	30,534	21,113	24,756	23,198	20,507	28,454	21,294	23,157	30,999	25,530	20,593	27,202	
For smelting, refining, and export..... do.....	6,873	5,669	3,839	1,692	1,109	935	207	60	434	983	178	0	
For domestic consumption:													
Ore (zinc content)..... do.....	15,093	5,747	9,941	8,265	4,931	9,931	7,106	12,691	15,625	13,382	7,044	13,309	
Blocks, pigs, etc..... do.....	8,568	9,697	10,976	13,241	14,467	17,588	13,981	10,606	14,940	11,165	13,371	13,893	
HEATING APPARATUS, EXCEPT ELECTRIC													
Boilers, radiators and convectors, cast iron:													
Boilers (round and square):													
Shipments..... thous. of lb.....	13,155	14,265	27,270	33,839	36,989	25,185	15,025	10,595	10,534	11,144	12,573	15,349	
Stocks, end of month..... do.....	109,624	101,842	89,724	74,863	61,511	56,796	60,117	70,978	79,029	90,786	96,634	99,986	
Radiation:													
Shipments..... thous. of sq. ft.....	2,221	2,747	4,130	5,363	5,970	4,190	2,813	2,678	2,966	3,015	2,440	2,025	
Stocks, end of month..... do.....	13,706	12,068	10,485	8,548									

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
METALS AND MANUFACTURES—Continued													
HEATING APPARATUS, ETC.—Continued													
Boilers, range, shipments.....number..	29,250	27,587	39,273	41,492	44,164	37,937	41,362	42,101	54,523	53,374	34,481	33,563	-----
Oil burners:													
Orders, unfiled, end of month.....do....	51,210	55,060	60,801	65,364	56,518	47,562	44,176	41,206	45,218	52,517	54,879	61,945	-----
Shipments.....do.....	46,862	41,589	74,116	94,805	96,963	60,342	40,906	36,650	36,808	51,985	46,208	64,001	-----
Stocks, end of month.....do.....	48,050	46,910	42,004	35,451	29,014	32,785	39,130	40,040	42,152	43,744	51,698	57,818	-----
Stoves and ranges, domestic cooking, exc. electric:													
Shipments, total.....number..	187,294	149,399	241,977	262,193	291,030	269,616	204,521	192,107	236,828	299,019	263,738	266,647	-----
Coal and wood.....do.....	10,477	11,780	17,144	18,926	16,718	15,012	9,436	10,581	11,933	14,527	12,170	8,663	-----
Gas (inc. bungalow and combination).....do....	163,115	126,619	207,521	223,244	257,506	238,780	181,112	167,221	209,156	265,829	239,706	244,080	-----
Kerosene, gasoline, and fuel oil.....do....	13,702	11,000	17,312	14,023	16,806	15,824	13,973	14,305	15,739	18,663	11,862	13,904	-----
Stoves, domestic heating, shipments, total.....do....	187,626	288,102	563,694	734,975	666,940	505,989	186,219	95,908	93,591	108,071	130,064	190,317	-----
Coal and wood.....do.....	42,249	75,257	146,962	213,955	206,025	140,391	45,669	12,088	6,366	16,597	21,376	34,975	-----
Gas.....do.....	62,692	104,603	220,861	263,859	263,134	243,369	99,041	48,215	42,419	59,334	69,721	101,258	-----
Kerosene, gasoline, and fuel oil.....do....	82,685	108,242	195,871	257,161	197,781	122,229	41,509	35,605	44,806	32,140	38,967	54,084	-----
Warm-air furnaces (forced-air and gravity-air flow), shipments, total.....number..	55,857	48,551	84,250	111,582	102,989	78,828	51,766	39,887	45,618	59,982	58,798	78,349	-----
Gas.....do.....	24,573	20,059	36,492	48,235	44,606	38,472	25,736	20,353	24,582	36,304	38,896	50,162	-----
Oil.....do.....	16,820	15,237	26,143	30,852	34,776	24,650	17,543	13,696	14,248	18,348	15,465	21,286	-----
Solid fuel.....do.....	14,464	13,255	21,615	32,495	23,607	15,706	8,487	5,838	6,788	5,330	4,437	6,901	-----
Water heaters, nonelectric, shipments.....do....	165,597	144,701	180,632	191,787	200,959	184,147	160,785	164,863	185,780	210,074	213,754	236,096	-----
MACHINERY AND APPARATUS													
Blowers, fans, and unit heaters, quarterly:													
Blowers and fans, new orders†.....thous. of dol..	17,930	-----	-----	17,710	-----	-----	15,905	-----	-----	18,569	-----	-----	-----
Unit heater group, new orders†.....do.....	6,101	-----	-----	11,432	-----	-----	12,341	-----	-----	7,740	-----	-----	-----
Foundry equipment (new), new orders, net.....1937-39=100.....	164.9	146.6	127.1	166.6	133.5	270.4	201.0	159.3	113.1	225.2	160.6	294.9	622.7
Furnaces, industrial, new orders:													
Electric.....thous. of dol..	196	329	210	318	565	293	281	473	697	753	415	982	1,328
Fuel-fired (except for hot rolling steel)*.....do....	257	594	706	589	269	516	719	1,914	616	1,300	837	1,392	1,166
Machine tools, shipments.....1945-47=100.....	79.0	60.7	67.3	67.6	62.3	67.6	75.7	52.8	56.1	75.3	61.6	82.5	90.4
Mechanical stokers, sales:													
Classes 1, 2, and 3.....number..	2,696	2,382	4,246	6,681	4,319	2,257	1,469	1,327	670	692	846	743	1,451
Classes 4 and 5:													
Number.....do.....	253	193	345	268	242	209	163	106	95	116	115	134	219
Horsepower.....do.....	58,142	31,992	66,018	50,693	41,318	52,631	46,854	29,700	28,564	38,845	35,453	34,960	62,280
Pumps, steam, power, centrifugal and rotary, new orders.....thous. of dol..	3,019	3,358	3,767	2,914	2,539	2,525	2,560	2,587	2,938	3,313	3,376	3,668	4,153
ELECTRICAL EQUIPMENT													
Batteries (automotive replacement only), shipments thousands.....	1,059	1,637	2,648	2,786	2,573	2,132	1,694	1,467	1,174	1,191	916	1,195	1,641
Domestic electrical appliances, sales billed:													
Refrigerators, index.....1936=100.....	197	210	205	206	168	137	181	226	280	356	330	328	-----
Vacuum cleaners, standard type.....number..	207,354	161,920	219,909	250,036	272,520	253,516	265,513	249,150	263,515	361,014	292,664	278,645	250,190
Washers.....do.....	260,700	200,900	323,789	357,281	333,700	298,700	237,591	275,600	343,000	423,800	333,100	304,600	325,200
Insulating materials and related products:													
Insulating materials, sales billed, index.....1936=100.....	282	240	273	318	330	345	338	345	356	406	381	446	-----
Fiber products:													
Laminated fiber products, shipments thousands of dol..	3,646	3,329	3,649	4,380	4,479	4,723	4,625	4,696	4,788	5,351	5,226	6,069	6,165
Vulcanized fiber:													
Consumption of fiber paper.....thous. of lb..	3,649	2,776	2,678	3,038	3,201	3,231	3,155	3,632	3,439	3,988	3,735	4,319	4,326
Shipments of vulcanized products thousands of dol..	982	810	947	1,013	1,063	1,112	1,097	1,217	1,269	1,566	1,307	1,534	1,523
Steel conduit (rigid) and fittings, shipments short tons.....	13,240	12,568	12,400	14,992	17,683	12,662	20,946	15,674	16,100	17,708	16,515	17,219	-----
Motors and generators, quarterly:													
New orders, index.....1936=100.....	240	-----	-----	224	-----	-----	236	-----	-----	338	-----	-----	-----
Polyphase induction motors, 1-200 hp.:♂													
New orders.....thous. of dol..	18,679	-----	-----	17,715	-----	-----	18,521	-----	-----	28,236	-----	-----	-----
Billings.....do.....	20,542	-----	-----	19,655	-----	-----	17,912	-----	-----	19,812	-----	-----	-----
Direct current motors and generators, 1-200 hp.:♂													
New orders.....thous. of dol..	4,997	-----	-----	2,890	-----	-----	3,747	-----	-----	4,692	-----	-----	-----
Billings.....do.....	4,833	-----	-----	3,248	-----	-----	3,472	-----	-----	3,525	-----	-----	-----

PETROLEUM, COAL, AND PRODUCTS

COAL													
Anthracite:													
Production.....thous. of short tons..	3,406	3,921	3,707	2,112	4,975	4,653	2,746	2,914	2,581	4,882	3,355	4,258	4,196
Stocks in producers' storage yards, end of month thousands of short tons.....	450	661	879	601	724	1,138	975	658	358	183	289	408	556
Exports.....do.....	610	358	382	399	510	421	277	149	201	364	261	364	-----
Prices, composite, chestnut:													
Retail.....dol. per short ton..	19.65	19.75	19.80	20.08	20.36	20.49	20.49	20.51	20.51	20.62	21.30	20.33	20.36
Wholesale.....do.....	15.615	15.759	15.814	16.102	16.165	16.185	16.190	16.190	16.190	16.577	16.692	16.207	16.356
Bituminous:													
Production.....thous. of short tons..	35,476	27,071	37,615	19,783	10,307	44,623	36,028	31,277	11,950	53,104	44,792	45,885	46,067
Industrial consumption and retail deliveries, total thousands of short tons.....	32,608	29,884	33,591	36,537	28,068	34,948	43,036	41,855	34,322	40,033	36,617	34,031	33,183
Industrial consumption, total.....do.....	26,891	25,842	28,005	27,292	21,569	26,343	31,436	30,719	25,458	30,008	30,041	29,651	28,698
Beehive coke ovens.....do.....	417	44	79	47	16	52	112	152	40	392	666	704	799
Byproduct coke ovens.....do.....	7,523	7,008	7,384	7,161	2,466	5,033	7,960	7,696	5,714	7,144	8,091	8,367	8,072
Cement mills.....do.....	633	629	641	625	654	675	725	659	579	565	631	649	636
Electric-power utilities.....do.....	6,338	6,168	6,732	6,341	6,279	6,416	7,206	7,306	6,397	6,900	6,538	6,645	6,779
Railways (class I).....do.....	5,274	4,974	5,133	4,709	4,584	5,080	5,665	5,320	4,119	5,522	5,341	4,926	4,727
Steel and rolling mills.....do.....	559	505	551	527	192	521	722	712	649	745	663	622	558
Other industrial.....do.....	6,147	6,514	7,485	7,852	7,378	8,566	9,046	8,874	7,960	8,740	8,111	7,738	7,127
Retail deliveries.....do.....	5,717	4,042	5,586	9,245	6,499	8,605	11,600	11,136	8,864	10,025	6,576	4,380	4,485

† Revised. ♂ Preliminary.

‡ See note marked "†" on p. 34 of the June 1950 SURVEY regarding revised data.

♂ The number of companies reporting is as follows: *Direct current*—last three quarters of 1949, 28; first quarter of 1950, 29; *polyphase induction*—(1949) second and third quarters, 32; fourth quarter, 33; first quarter of 1950, 31.

* New series. Compiled by the *Industrial Furnace Manufacturers Association*, representing orders (less cancellations) for metallurgical and other purposes as reported by 24 to 28 companies. Currently, the combined data for electric and fuel-fired furnaces account for about 80 percent of the industry total. Data prior to 1949 will be shown later.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950				
	June	July	August	September	October	November	December	January	February	March	April	May	June

PETROLEUM, COAL, AND PRODUCTS—Continued

COAL—Continued													
Bituminous—Continued													
Consumption on vessels (bunker fuel) thous. of short tons.....	114	87	85	78	54	71	39	14	12	19	45	85	-----
Stocks, industrial and retail dealers', end of month, total.....	74,161	69,119	68,621	62,064	47,165	45,804	45,111	37,119	24,583	28,054	37,590	44,795	51,295
Industrial, total.....	71,351	66,399	65,776	59,990	45,755	44,359	43,721	36,038	24,118	26,893	36,047	42,840	49,117
Byproduct coke ovens.....	15,747	13,896	13,004	11,903	9,946	10,060	9,893	7,087	3,449	4,848	7,491	9,572	11,199
Cement mills.....	1,614	1,469	1,454	1,422	1,018	1,001	1,063	877	528	553	668	771	902
Electric-power utilities.....	25,607	25,062	25,458	24,142	19,706	18,508	17,794	15,066	11,055	11,167	13,820	16,774	19,505
Railways (class I).....	9,818	8,669	8,196	6,680	4,170	4,094	3,849	3,010	2,093	2,755	2,902	3,113	3,802
Steel and rolling mills.....	1,376	1,214	1,152	1,029	916	907	912	748	453	500	695	841	951
Other industrial.....	17,189	16,089	15,912	14,814	9,999	9,789	10,210	9,250	6,540	7,070	10,471	11,769	12,758
Retail dealers.....	2,810	2,720	2,845	2,074	1,410	1,445	1,390	1,081	465	1,161	1,543	1,955	2,178
Exports.....	4,349	1,923	2,267	1,806	282	1,101	1,415	557	197	776	2,108	3,072	-----
Prices, composite:													
Retail.....dol. per short ton.....	15.52	15.53	15.54	15.69	15.89	16.10	16.32	16.47	16.51	16.67	16.63	16.16	16.09
Wholesale:													
Mine run.....	8.518	8.531	8.515	8.580	8.640	8.667	8.711	8.767	8.795	8.861	8.756	8.729	8.707
Prepared sizes.....	8.929	8.945	8.964	9.060	9.358	9.463	9.574	9.732	9.766	9.855	9.456	9.403	9.394
COKE													
Production:													
Beehive.....thous. of short tons.....	265	25	47	29	8	34	80	104	26	248	424	449	516
Byproduct.....	5,260	4,911	5,138	4,952	1,727	3,471	5,538	5,358	3,956	4,979	5,663	5,868	5,657
Petroleum coke.....	282	302	304	267	293	280	264	291	259	254	246	296	-----
Stocks, end of month:													
Byproduct plants, total.....	1,705	1,906	2,027	1,926	2,120	2,017	1,714	1,281	655	550	700	718	724
At furnace plants.....	1,077	1,077	1,054	973	1,227	1,200	991	807	448	448	581	611	612
At merchant plants.....	629	830	973	952	893	817	723	474	207	102	119	108	111
Petroleum coke.....	228	241	250	236	217	160	140	149	155	112	117	133	-----
Exports.....	79	63	38	43	59	30	36	29	24	22	29	32	-----
Price, beehive, Connellsville (furnace) dol. per short ton.....	13.812	13.250	13.250	13.250	13.250	13.250	13.250	13.250	13.250	13.850	14.250	14.250	14.250
PETROLEUM AND PRODUCTS													
Crude petroleum:													
Wells completed.....number.....	2,133	1,803	1,847	1,984	1,826	1,980	1,877	1,806	1,671	2,009	1,825	1,983	-----
Production.....thous. of bbl.....	147,098	145,818	148,192	148,206	154,908	156,285	155,754	152,590	139,073	151,213	149,052	159,441	-----
Refinery operations.....percent of capacity.....	84	85	85	86	86	84	88	86	84	85	82	90	-----
Consumption (runs to stills).....thous. of bbl.....	154,861	160,358	162,485	162,812	166,586	158,782	169,723	169,987	148,837	165,418	155,797	171,599	-----
Stocks, end of month: ¹													
Gasoline-bearing in U. S., total.....	274,691	267,586	260,585	251,689	250,809	256,010	253,356	246,610	243,750	241,230	244,605	239,877	-----
At refineries.....	64,040	62,793	60,760	58,244	58,653	59,835	60,405	61,195	59,965	60,647	62,647	62,944	-----
At tank farms and in pipe lines.....	194,685	188,383	183,849	177,571	175,984	180,086	177,049	169,217	167,916	164,663	165,373	160,751	-----
On leases.....	15,966	16,410	15,976	15,874	16,172	16,089	15,902	16,198	15,869	15,920	16,585	16,182	-----
Exports.....	3,071	2,866	3,403	2,619	2,916	3,010	2,722	2,130	2,196	2,153	2,968	2,946	-----
Imports.....	12,550	12,706	11,647	11,964	14,995	13,699	13,983	16,434	11,591	14,924	13,787	13,838	-----
Price (Oklahoma-Kansas) at wells†.....dol. per bbl.....	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570
Refined petroleum products:													
Fuel oil:													
Production:													
Distillate fuel oil.....thous. of bbl.....	23,134	25,870	27,972	30,047	31,024	28,871	32,000	32,489	28,729	29,070	29,301	30,920	-----
Residual fuel oil.....	31,218	32,250	33,414	33,299	35,361	35,411	37,283	37,491	32,818	35,768	31,426	32,954	-----
Domestic demand:													
Distillate fuel oil.....	16,504	18,790	22,858	22,478	23,141	30,772	44,759	43,406	39,484	42,604	28,806	25,123	-----
Residual fuel oil.....	34,877	35,682	38,281	39,639	41,130	45,535	51,362	51,334	47,281	52,085	42,906	41,955	-----
Consumption by type of consumer:													
Electric-power plants.....	4,996	5,478	5,432	5,810	6,656	7,316	7,938	7,804	7,462	7,868	5,319	5,673	5,275
Railways (class I).....	4,577	4,329	4,075	4,184	4,755	4,377	4,333	4,035	3,791	4,033	3,543	3,833	-----
Vessels (bunker oil).....	5,345	4,665	4,837	4,765	4,238	4,198	4,368	4,282	4,160	5,088	5,048	4,700	-----
Stocks, end of month:													
Distillate fuel oil.....	64,730	71,553	76,037	83,213	90,643	88,212	75,207	63,932	52,206	37,777	37,530	42,739	-----
Residual fuel oil.....	64,628	66,084	66,843	67,117	68,673	65,112	60,193	55,808	47,828	41,860	39,979	39,482	-----
Exports:													
Distillate fuel oil.....	656	453	769	627	750	666	430	649	1,036	1,001	863	714	-----
Residual fuel oil.....	608	730	599	514	817	852	751	843	644	1,193	958	861	-----
Price, wholesale, distillate (New York Harbor, No. 2 fuel)†.....dol. per gal.....	.075	.075	.076	.084	.085	.080	.082	.082	.078	.078	.077	.078	.081
Kerosene:													
Production.....thous. of bbl.....	6,715	6,974	7,175	8,093	9,339	9,273	10,755	11,140	9,469	10,100	8,848	9,790	-----
Domestic demand.....	4,531	5,676	6,315	6,799	8,269	11,454	14,978	13,906	11,413	12,939	8,371	5,700	-----
Stocks, end of month.....	23,648	24,826	25,490	26,650	27,609	25,267	20,888	18,260	16,126	13,001	13,383	17,304	-----
Exports.....	45	79	111	93	43	118	97	68	89	213	39	71	-----
Price, wholesale, bulk lots (New York Harbor) †.....dol. per gal.....	.084	.084	.084	.088	.090	.086	.088	.093	.090	.089	.089	.090	.092
Lubricants:													
Production.....thous. of bbl.....	3,804	3,554	3,510	3,729	4,116	3,984	4,100	3,932	3,587	4,086	3,645	4,039	-----
Domestic demand.....	3,023	2,699	3,111	3,026	2,927	2,982	2,647	2,846	2,368	3,271	2,544	3,346	-----
Stocks, refinery, end of month.....	9,922	9,731	8,962	8,734	8,894	9,109	9,219	9,323	9,341	8,989	8,787	8,280	-----
Exports.....	898	998	1,115	886	976	754	1,291	940	1,150	1,110	1,250	1,160	-----
Price, wholesale, bright stock (midcontinent, l. o. b. Tulsa)†.....dol. per gal.....	.170	.170	.170	.170	.170	.170	.170	.170	.170	.170	.170	.172	.181

¹ Revised.
² Comparability of data is slightly affected in October 1949 and April 1950 by substitutions in reporting companies. Prices on new basis for September 1949 are \$8.618 (mine run) and \$9.300 (prepared sizes); for March 1950, \$8.916 (mine run).
³ New basis. Beginning January 1950, coverage was increased to include one East Coast terminal not previously reporting; comparable December 1949 figure, 75,435,000 barrels.
⁴ Includes stocks of heavy crude in California.
⁵ Revised series. Beginning in the July 1950 SURVEY, the following price series have been substituted for those previously shown: Crude petroleum, 36°-36.9° gravity (former series, 33°-33.9°); distillate fuel oil, New York Harbor, No. 2 fuel, bulk lots, f. o. b. refineries or terminals, excl. all fees and taxes (former series, Pennsylvania, 36°-40° gravity); lubricating oil, bright stock, conventional, 150-160 viscosity D, 0-10 pour point, midcontinent, excl. all fees and taxes (former series, cylinder, Pennsylvania). Beginning in the April 1950 SURVEY, prices for kerosene (N. Y. Harbor, No. 1 fuel, f. o. b. refineries or terminals, excl. all fees and taxes) replace those for water white, Pennsylvania. Kerosene prices beginning 1935 are shown on p. 24 of this issue of the SURVEY; data beginning 1935 for all other series will be available later.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
PETROLEUM, COAL, AND PRODUCTS—Continued													
PETROLEUM AND PRODUCTS—Continued													
Refined petroleum products—Continued													
Motor fuel:													
All types:													
Production, total.....	thous. of bbl.	79,383	82,953	82,232	80,310	83,185	79,733	83,515	82,075	73,549	80,786	77,606	84,801
Gasoline and naphtha from crude petroleum.....	thous. of bbl.	70,603	73,740	73,069	71,046	73,626	70,369	74,286	72,556	64,685	71,350	68,254	74,958
Natural gasoline and allied products.....	do.	11,964	12,479	13,054	13,270	13,665	14,265	14,711	15,116	13,608	14,586	14,016	14,246
Sales of l. p. g. for fuel, etc., and transfers of cycle products.....	thous. of bbl.	3,184	3,266	3,891	4,006	4,406	4,901	5,482	5,597	4,744	5,150	4,664	4,403
Used at refineries.....	do.	7,296	7,269	7,319	7,470	8,301	7,449	7,325	7,279	6,773	7,352	6,984	7,113
Domestic demand.....	do.	83,338	82,118	84,632	80,760	79,253	76,270	75,553	66,908	63,366	78,739	80,348	89,033
Stocks, gasoline, end of month:													
Finished gasoline, total.....	do.	106,068	103,867	97,724	94,445	96,194	97,173	103,586	116,624	124,177	124,924	119,584	112,915
At refineries.....	do.	60,871	58,740	55,281	53,727	55,117	54,200	62,116	73,880	81,457	83,399	76,591	68,403
Unfinished gasoline.....	do.	7,973	7,350	7,155	7,354	7,093	7,534	7,857	8,674	8,619	8,842	8,473	8,120
Natural gasoline and allied products.....	do.	7,031	7,668	7,391	7,607	6,923	7,141	6,831	7,363	8,098	7,708	7,950	8,163
Exports.....	thous. of bbl.	3,205	1,913	3,277	2,271	2,476	1,809	1,611	1,201	1,443	1,229	1,921	1,852
Prices, gasoline:													
Wholesale, refinery (Oklahoma), group 3.....	dol. per gal.	.100	.100	.100	.100	.100	.098	.098	.097	.096	.095	.095	.098
Wholesale, tank wagon (N. Y.).....	do.	.196	.196	.196	.196	.196	.195	.192	.192	.192	.192	.193	.197
Retail, service stations, 50 cities.....	do.	.204	.204	.204	.203	.203	.201	.201	.200	.199	.197	.200	.202
Aviation gasoline:													
Production, total.....	thous. of bbl.	4,132	3,614	4,036	3,718	3,955	3,848	4,086	3,044	2,670	3,348	3,137	3,781
100-octane and above.....	do.	3,039	2,735	2,954	2,805	2,844	2,529	2,957	1,806	1,834	2,335	2,728	2,944
Stocks, total.....	do.	6,841	6,584	6,179	6,171	6,006	6,822	7,444	7,940	8,026	7,758	7,446	7,138
100-octane and above.....	do.	3,144	3,156	2,782	2,817	3,117	2,902	3,338	3,341	3,316	3,075	3,252	3,288
Asphalt:													
Production.....	short tons.	899,100	934,000	1,018,700	952,200	902,500	684,700	530,200	535,100	458,700	602,700	669,800	929,300
Stocks, refinery, end of month.....	do.	1,354,000	1,247,100	1,044,700	830,000	798,400	790,400	894,200	1,027,800	1,140,000	1,238,700	1,326,500	1,298,900
Wax:													
Production.....	thous. of lb.	73,080	64,120	66,640	72,800	99,680	71,960	92,400	87,920	101,360	79,800	102,200	104,720
Stocks, refinery, end of month.....	do.	148,680	148,400	139,720	125,160	130,200	126,000	132,440	133,840	144,760	137,760	140,000	151,700
Asphalt products, shipments:													
Asphalt roofing, total.....	thous. of squares.	4,620	4,289	5,512	5,964	6,158	5,206	3,064	3,538	3,255	3,816	4,447	5,832
Roll roofing and cap sheet:													
Smooth-surfaced.....	do.	989	997	1,282	1,434	1,545	1,284	767	936	821	883	979	1,107
Mineral-surfaced.....	do.	1,048	999	1,326	1,455	1,531	1,270	736	834	779	860	962	1,193
Shingles, all types.....	do.	2,583	2,294	2,904	3,075	3,081	2,652	1,562	1,768	1,655	2,072	2,506	3,532
Asphalt sidings.....	do.	192	184	229	276	293	261	175	189	169	158	121	141
Saturated felts.....	short tons.	41,963	40,148	50,801	51,281	56,550	55,413	39,259	41,485	35,168	43,746	45,880	58,543

PULP, PAPER, AND PRINTING

PULPWOOD AND WASTE PAPER													
Pulpwood:													
Receipts.....	thous. of cords (128 cu. ft.)	1,451	1,388	1,778	1,683	1,841	1,772	1,718	1,753	1,662	1,735	1,387	1,523
Consumption.....	do.	1,502	1,330	1,670	1,684	1,869	1,841	1,726	1,884	1,768	1,936	1,860	1,977
Stocks, end of month.....	do.	4,877	4,918	5,015	4,995	4,964	4,875	4,879	4,753	4,675	4,473	3,999	3,542
Waste paper:													
Receipts.....	short tons.	491,700	427,149	552,539	588,734	655,365	615,578	606,410	588,946	557,634	632,344	604,058	638,000
Consumption.....	do.	512,582	419,348	586,250	591,334	639,735	625,182	573,516	589,046	572,188	651,142	598,526	641,009
Stocks, end of month.....	do.	397,963	405,228	367,874	367,980	379,549	368,121	397,307	394,077	372,234	355,615	363,374	358,000
WOOD PULP													
Production:													
Total, all grades.....	thous. of short tons.	921	806	1,019	1,030	1,146	1,136	1,077	1,181	1,089	1,199	1,162	1,246
Bleached sulphate.....	short tons.	112,129	104,061	119,599	112,819	128,507	128,443	117,099	139,514	131,186	146,640	139,388	145,529
Unbleached sulphate.....	do.	347,366	307,177	408,055	400,941	445,225	436,025	404,018	465,558	422,223	453,072	450,022	489,143
Bleached sulphite.....	do.	135,817	117,955	149,967	149,496	165,553	160,313	162,468	173,759	160,266	183,146	172,614	180,213
Unbleached sulphite.....	do.	56,257	39,249	57,505	54,219	63,043	59,601	56,889	59,534	57,025	64,601	57,232	59,257
Soda.....	do.	33,256	32,128	40,634	38,844	42,506	43,341	42,232	45,120	42,179	46,096	44,575	48,300
Groundwood.....	do.	100,997	142,101	157,057	155,658	167,395	165,969	168,344	165,152	154,439	174,005	174,672	187,516
Defibrated, exploded, etc.....	do.	33,592	28,475	35,403	52,441	76,925	76,907	73,261	74,566	71,989	76,188	76,694	72,943
Stocks, own pulp at pulp mills, end of month:													
Total, all grades.....	short tons.	158,893	145,522	139,658	121,395	114,948	114,018	98,480	109,010	108,503	107,733	116,941	112,366
Bleached sulphate.....	do.	17,650	17,593	18,237	15,442	12,047	12,896	9,240	9,709	10,470	9,926	11,824	12,205
Unbleached sulphate.....	do.	12,043	10,190	9,634	9,650	8,445	8,355	7,331	8,770	8,206	8,463	8,587	7,367
Bleached sulphite.....	do.	39,823	37,288	38,045	33,351	33,351	32,412	25,621	29,644	26,937	25,808	28,125	26,042
Unbleached sulphite.....	do.	28,639	23,173	21,515	17,917	19,808	19,436	15,104	15,259	17,203	18,615	17,740	18,555
Soda.....	do.	5,116	4,488	4,698	3,883	3,364	2,992	2,099	1,771	1,456	1,414	1,735	1,483
Groundwood.....	do.	44,267	40,584	36,024	30,863	27,492	27,634	29,490	33,984	34,044	33,885	37,697	37,509
Exports, all grades, total.....	do.	21,154	6,266	6,068	4,989	4,510	3,937	5,628	4,344	5,629	5,528	5,926	7,331
Imports, all grades, total.....	do.	129,611	113,685	135,228	118,632	174,922	244,755	212,630	237,064	183,553	201,366	150,290	204,391
Bleached sulphate.....	do.	36,635	26,562	37,409	28,009	41,739	40,845	33,063	31,744	39,666	42,620	30,837	48,556
Unbleached sulphate.....	do.	14,309	16,331	13,549	7,848	18,433	54,014	40,359	64,496	28,325	33,829	22,365	30,980
Bleached sulphite.....	do.	33,686	35,027	35,311	35,491	46,125	66,644	59,233	50,423	51,531	58,375	48,353	56,115
Unbleached sulphite.....	do.	27,020	21,927	30,598	26,187	42,436	56,624	51,987	63,260	40,148	38,904	28,030	41,189
Soda.....	do.	1,695	1,907	2,351	2,357	2,774	2,763	2,805	2,566	2,683	2,983	2,333	2,833
Groundwood.....	do.	15,629	11,443	15,548	18,193	21,346	23,169	24,372	23,995	20,396	23,943	18,071	24,002
PAPER AND PAPER PRODUCTS													
All paper and paperboard mills:													
Paper and paperboard production, total													
	thous. of short tons.	1,555	1,348	1,749	1,793	1,953	1,920	1,807	1,881	1,796	2,032	1,900	2,047
Paper (incl. building paper).....	do.	801	717	862	881	960	943	896	936	898	1,029	959	1,021
Paperboard.....	do.	698	579	823	828	896	884	823	859	810	901	848	921
Building board.....	do.	56	53	64	85	98	92	85	86	87	101	94	106

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Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June

PULP, PAPER, AND PRINTING—Continued

PAPER AND PAPER PRODUCTS—Continued													
Paper, excl. building paper, newsprint, and paper-board (American Paper and Pulp Association):†													
Orders, new.....short tons.....	637,622	593,334	719,898	764,640	803,535	754,993	729,665	785,948	747,742	858,342	779,468	789,355	812,800
Orders, unfilled, end of month.....do.....	343,370	368,430	407,215	463,553	497,820	496,770	486,860	509,545	519,066	532,895	540,465	539,550	565,565
Production.....do.....	631,906	560,472	684,243	699,796	765,612	762,099	739,789	775,846	736,448	840,833	774,868	813,723	788,500
Shipments.....do.....	626,312	568,772	679,984	706,642	768,592	755,367	739,566	763,256	738,634	844,503	772,558	810,263	786,300
Stocks, end of month.....do.....	334,556	327,093	330,664	324,990	321,449	328,285	328,508	341,090	340,315	336,644	338,950	342,330	344,500
Fine paper:													
Orders, new.....do.....	84,135	71,205	87,529	87,252	100,173	91,985	86,355	96,268	100,628	113,260	95,020	108,130	113,000
Orders, unfilled, end of month.....do.....	37,168	41,740	41,355	40,500	45,270	43,270	39,300	41,525	50,200	56,890	55,640	57,450	59,450
Production.....do.....	85,363	66,603	87,847	86,983	93,235	93,248	91,908	93,734	92,899	104,613	95,161	105,650	110,000
Shipments.....do.....	85,563	66,483	87,887	87,870	96,342	92,987	90,322	94,033	92,368	106,569	96,270	106,320	111,000
Stocks, end of month.....do.....	86,336	86,583	85,969	85,805	82,864	83,125	84,710	84,411	86,350	84,395	83,285	82,615	81,615
Printing paper:													
Orders, new.....do.....	229,847	217,290	261,590	268,975	274,594	260,080	252,560	281,470	249,075	290,232	259,798	273,685	281,000
Orders, unfilled, end of month.....do.....	159,569	173,400	190,945	206,538	215,785	218,400	209,880	232,255	234,200	238,735	241,750	238,435	258,000
Production.....do.....	225,219	202,468	248,153	251,456	266,393	265,313	263,049	264,983	244,781	288,123	260,469	274,670	263,000
Shipments.....do.....	230,058	204,108	243,043	251,878	263,717	257,785	261,078	259,094	247,125	285,697	257,445	277,000	261,000
Stocks, end of month.....do.....	93,925	93,000	98,000	98,000	100,500	108,140	110,115	116,004	113,660	116,085	119,110	116,780	118,750
Price, wholesale, book paper, "B" grade, English finish, white, f. o. b. mill...dol. per 100 lb.	11.30	11.30	11.30	11.30	11.30	11.30	11.30	11.30	11.30	11.30	11.30	11.30	11.30
Coarse paper:													
Orders, new.....short tons.....	208,616	198,513	248,105	280,775	288,365	269,096	260,710	267,149	262,560	304,000	276,000	286,170	281,000
Orders, unfilled, end of month.....do.....	81,068	87,200	108,500	146,500	166,300	165,040	166,595	163,950	161,845	161,610	166,560	167,940	171,900
Production.....do.....	206,055	187,236	225,676	236,977	267,024	268,903	254,841	275,762	264,135	300,675	271,129	291,154	278,000
Shipments.....do.....	196,506	192,380	226,795	242,747	268,577	270,358	259,153	269,794	264,665	304,231	271,048	284,785	277,000
Stocks, end of month.....do.....	99,250	94,100	92,980	87,210	85,650	84,195	79,883	85,850	85,320	81,764	81,845	88,210	89,210
Newsprint:													
Canada (incl. Newfoundland):♠													
Production.....do.....	437,043	421,475	446,834	415,179	435,651	436,766	414,872	417,011	399,247	451,635	422,774	459,937	440,967
Shipments from mills.....do.....	447,961	412,127	435,007	437,658	433,039	460,977	434,652	403,013	376,834	426,960	425,660	470,560	440,777
Stocks, at mills, end of month.....do.....	163,873	173,221	185,048	162,569	165,181	140,970	121,190	135,188	157,601	182,276	179,390	159,767	159,957
United States:													
Consumption by publishers.....do.....	349,944	313,118	318,046	356,528	399,262	378,626	372,497	345,093	350,906	396,923	403,801	401,922	376,482
Production.....do.....	80,417	76,218	78,944	70,600	73,350	72,130	69,854	74,275	69,099	82,571	82,564	89,719	88,420
Shipments from mills.....do.....	78,460	77,133	76,941	69,614	75,013	72,417	72,255	76,080	70,756	79,027	85,340	86,257	89,928
Stocks, end of month:													
At mills.....do.....	13,091	12,176	14,179	15,165	13,502	13,215	10,814	9,009	7,352	8,896	6,120	9,582	8,074
At publishers.....do.....	384,872	416,595	446,964	444,335	412,805	378,578	371,131	355,599	328,881	318,036	284,010	288,684	303,524
In transit to publishers.....do.....	75,863	76,848	86,044	85,333	75,708	87,677	74,732	86,039	88,593	86,765	91,075	94,187	78,935
Imports.....do.....	397,741	377,409	404,129	356,129	399,910	386,639	418,966	376,819	347,950	382,399	369,560	487,435	440,777
Price, rolls (New York).....dol. per short ton	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Paperboard (National Paperboard Association):													
Orders, new.....short tons.....	692,000	618,100	890,200	873,000	945,000	887,000	801,200	860,300	802,800	952,600	847,100	964,000	945,000
Orders, unfilled, end of month.....do.....	243,300	268,500	365,600	360,900	400,600	429,800	359,300	337,800	314,600	371,800	343,700	395,500	394,100
Production, total.....do.....	696,800	583,800	821,600	833,800	888,500	882,800	827,400	858,800	817,000	908,600	858,300	934,600	907,600
Percent of activity.....do.....	75	64	86	87	94	93	83	88	92	91	92	91	94
Paper products:													
Shipping containers, corrugated and solid fiber, shipments.....mil. sq. ft. surface area.....	4,843	4,354	5,735	5,688	6,244	5,753	5,230	5,260	5,147	6,112	5,685	6,081	6,074
Folding paper boxes, value:													
New orders.....1936=100.....	412.6	355.6	450.7	516.6	478.5	452.2	412.9	441.7	435.2	529.5	443.0	502.6	536.0
Shipments.....do.....	436.4	332.1	449.5	470.8	507.5	492.8	449.3	449.0	432.7	521.6	456.1	495.5	526.3
PRINTING													
Book publication, total.....number of editions.....	760	863	704	763	1,129	1,019	1,498	673	829	846	1,107	892	774
New books.....do.....	570	669	554	597	944	758	1,114	524	619	671	872	695	566
New editions.....do.....	190	194	150	166	185	261	384	149	210	175	235	197	208

RUBBER AND RUBBER PRODUCTS

RUBBER													
Natural rubber:													
Consumption.....long tons.....	47,117	40,597	45,307	43,978	51,243	52,093	52,919	59,992	56,580	60,859	57,914	63,813	62,914
Stocks, end of month.....do.....	103,626	103,017	99,850	100,618	90,733	99,208	106,619	108,769	104,477	101,691	106,124	100,776	99,452
Imports, including latex and guayule.....do.....	51,217	46,187	49,579	45,620	47,285	67,152	67,934	58,261	53,905	61,481	76,989	60,187	62,914
Price, wholesale, smoked sheets (New York).....dol. per lb.	.163	.164	.167	.176	.163	.167	.177	.184	.195	.197	.238	.286	.309
Chemical (synthetic):													
Production.....long tons.....	31,953	34,270	33,885	30,878	28,015	28,619	27,234	27,808	29,336	33,003	34,821	37,320	38,569
Consumption.....do.....	37,211	30,094	34,419	32,443	33,687	31,684	31,771	33,966	31,860	37,647	38,075	46,398	48,098
Stocks, end of month.....do.....	106,813	113,955	111,333	110,848	103,955	101,430	98,042	92,284	88,381	86,824	83,440	74,524	65,557
Exports.....do.....	587	691	384	425	425	478	674	580	596	635	777	646	646
Reclaimed rubber:													
Production.....do.....	18,849	14,626	17,813	18,304	20,683	19,382	19,723	19,447	20,424	23,037	22,683	24,876	25,651
Consumption.....do.....	19,316	15,966	19,297	18,517	19,638	18,512	18,210	20,106	19,741	22,151	21,318	24,158	25,244
Stocks, end of month.....do.....	30,684	29,126	27,526	26,257	26,619	27,801	28,263	27,319	27,256	27,602	28,352	27,837	27,780
TIRES AND TUBES													
Pneumatic casings:													
Production.....thousands.....	7,392	6,264	6,228	5,623	6,489	6,037	6,272	6,827	6,691	7,314	7,583	8,629	8,480
Shipments, total.....do.....	7,534	7,695	7,769	6,756	6,782	5,262	5,229	5,913	6,216	6,794	7,526	8,521	10,202
Original equipment.....do.....	3,233	3,099	3,192	3,079	2,937	1,746	2,158	3,094	3,247	2,830	2,975	3,119	4,056
Replacement equipment.....do.....	4,185	4,488	4,463	3,564	3,689	3,417	2,940	2,703	2,870	3,858	4,438	5,296	6,032
Export.....do.....	116	108	114	113	156	99	131	116	100	106	112	106	114
Stocks, end of month.....do.....	13,135	11,717	9,970	8,930	8,698	9,542	10,638	11,366	11,797	12,355	12,341	12,367	10,762
Exports.....do.....	130	120	134	123	151	109	120	124	92	96	89	94	94
Inner tubes:													
Production.....do.....	6,343	5,230	5,165	4,891	5,261	5,141	5,325	5,629	5,803	6,223	6		

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
STONE, CLAY, AND GLASS PRODUCTS													
ABRASIVE PRODUCTS													
Coated abrasive paper and cloth, shipments, reams...	123,343	111,262	132,950	144,716	148,461	126,936	124,653	145,157	144,609	157,524	154,385	165,746	165,781
PORTLAND CEMENT													
Production.....thous. of bbl.	18,279	18,856	18,715	19,181	19,070	18,040	16,936	15,174	13,070	14,238	18,088	19,950	20,007
Percent of capacity.....	87	87	87	92	88	86	78	70	67	66	85	90	93
Shipments.....thous. of bbl.	20,667	19,321	23,633	22,763	21,278	17,269	11,606	9,593	9,775	14,613	18,375	22,834	24,749
Stocks, finished, end of month.....do.	19,785	19,313	14,381	10,797	8,569	9,341	14,686	20,267	23,579	23,205	22,928	20,044	15,302
Stocks, clinker, end of month.....do.	6,922	6,212	5,798	4,461	3,610	3,356	4,597	6,066	7,372	8,747	8,604	8,103	7,263
CLAY PRODUCTS													
Brick, unglazed:													
Production.....thous. of standard brick	488,860	449,182	506,890	492,123	511,501	491,254	454,704	377,675	345,731	397,905	448,513	550,420	-----
Shipments.....do.	464,536	444,523	507,886	500,344	526,164	499,371	400,418	345,485	322,320	433,816	512,242	592,472	-----
Price, wholesale, common, composite, f. o. b. plant dol. per thous.	24.000	23.964	24.045	24.043	24.010	24.075	24.053	24.035	24.103	24.152	24.225	24.475	24.724
Clay sewer pipe, vitrified:													
Production.....short tons	125,012	105,703	126,139	123,021	122,020	126,101	119,196	108,580	105,032	121,935	87,639	126,921	-----
Shipments.....do.	121,010	111,298	132,431	120,811	136,580	120,750	93,183	92,740	85,668	113,060	102,099	145,275	-----
Structural tile, unglazed:													
Production.....do.	111,533	120,780	121,209	109,675	111,161	107,355	100,676	97,456	91,124	100,988	98,995	117,313	-----
Shipments.....do.	111,846	105,648	118,388	115,559	107,601	101,739	84,221	79,119	83,238	104,774	111,465	126,632	-----
GLASS PRODUCTS													
Glass containers:													
Production.....thous. of gross	8,036	8,108	8,662	7,550	8,283	7,375	6,963	7,952	7,290	8,204	8,420	9,377	9,118
Shipments, domestic, total.....do.	7,928	7,746	8,933	7,981	7,737	6,963	6,321	7,379	6,748	8,129	7,649	9,371	9,045
General-use food:													
Narrow-neck food.....do.													
Wide-mouth food (incl. packers' tumblers) thous. of gross	701	748	1,108	1,164	760	632	521	640	689	775	876	1,274	819
Beverage (returnable and nonreturnable) thous. of gross	2,084	2,022	2,528	1,965	2,157	1,871	1,694	2,291	1,968	2,111	1,871	2,217	2,375
Beer bottles.....do.													
Liquor and wine.....do.	1,025	911	486	206	164	176	228	231	290	479	592	841	1,064
Medicinal and toilet.....do.	646	538	443	317	298	304	333	325	263	451	475	632	715
Chemical, household and industrial.....do.	837	874	942	1,121	1,359	1,227	975	826	785	1,140	964	993	908
Dairy products.....do.	1,584	1,526	1,992	1,975	2,024	1,887	1,823	2,127	1,809	2,062	1,856	2,158	1,849
Fruit jars and jelly glasses.....do.	553	561	728	687	652	611	444	669	667	771	633	730	724
Stocks, end of month.....do.	242	253	346	341	308	255	304	256	253	277	228	272	280
Other glassware, machine-made:													
Tumblers:													
Production.....thous. of dozens	255	311	359	205	115	(1)	(1)	114	133	64	154	253	312
Shipments.....do.	9,270	9,425	8,906	8,318	8,602	8,735	9,145	9,352	9,595	9,454	10,006	9,714	9,375
Table, kitchen, and householdware, shipments thous. of dozens	4,608	4,148	4,907	4,770	5,521	4,940	4,853	6,125	5,578	6,061	6,515	6,591	5,635
Stocks.....do.	4,993	4,197	5,157	4,734	5,436	4,901	3,756	4,931	5,552	6,251	6,168	6,223	5,699
Table, kitchen, and householdware, shipments thous. of dozens	8,154	7,689	7,715	7,618	7,676	7,615	8,584	9,825	9,820	9,642	9,938	10,237	8,719
GYPSUM AND PRODUCTS													
Crude gypsum:													
Imports.....thous. of short tons	511	-----	-----	991	-----	-----	734	-----	-----	414	-----	-----	-----
Production.....do.	1,589	-----	-----	1,615	-----	-----	1,821	-----	-----	1,642	-----	-----	-----
Calcined, production.....do.	1,313	-----	-----	1,418	-----	-----	1,552	-----	-----	1,574	-----	-----	-----
Gypsum products sold or used:													
Uncalcined.....short tons	488,923	-----	-----	472,804	-----	-----	500,302	-----	-----	424,291	-----	-----	-----
Calcined:													
For building uses:													
Base-coat plasters.....do.	446,069	-----	-----	514,531	-----	-----	464,022	-----	-----	459,766	-----	-----	-----
Keene's cement.....do.	11,341	-----	-----	12,659	-----	-----	10,902	-----	-----	13,066	-----	-----	-----
All other building plasters.....do.	105,400	-----	-----	118,814	-----	-----	122,092	-----	-----	112,638	-----	-----	-----
Lath.....thous. of sq. ft.	393,725	-----	-----	538,427	-----	-----	568,165	-----	-----	610,422	-----	-----	-----
Tile.....do.	6,991	-----	-----	7,341	-----	-----	8,134	-----	-----	8,807	-----	-----	-----
Wallboard.....do.	574,797	-----	-----	610,334	-----	-----	719,627	-----	-----	723,786	-----	-----	-----
Industrial plasters.....short tons	51,610	-----	-----	49,644	-----	-----	57,011	-----	-----	55,154	-----	-----	-----

TEXTILE PRODUCTS

CLOTHING													
Hosiery:													
Production.....thous. of dozen pairs	11,926	9,981	12,381	13,028	13,607	13,987	12,731	12,868	13,042	14,072	12,231	12,530	12,573
Shipments.....do.	11,303	9,752	12,844	13,950	14,580	14,504	11,593	12,408	12,950	14,126	11,480	11,125	11,926
Stocks, end of month.....do.	25,800	26,029	25,566	24,644	23,671	23,153	24,138	24,598	24,690	24,636	25,386	26,792	27,438
COTTON													
Cotton (exclusive of linters):													
Production:													
Ginnings.....thous. of running bales	-----	298	1,247	5,309	9,544	13,976	14,716	15,641	-----	15,908	-----	-----	283
Crop estimate, equivalent 500-lb. bales thous. of bales	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Consumption.....do.	600,651	454,426	664,133	709,958	725,602	771,833	734,013	734,186	739,438	898,228	711,511	728,827	841,227
Stocks in the United States, end of month:													
total.....thous. of bales	5,715	5,283	19,257	18,472	17,348	16,657	15,369	14,040	12,812	11,637	10,388	9,094	7,462
Domestic cotton, total.....do.	5,639	5,214	19,199	18,408	17,273	16,592	15,304	13,974	12,733	11,528	10,270	8,991	7,355
On farms and in transit.....do.	253	251	14,622	11,590	7,852	4,685	3,036	2,315	1,757	1,453	1,259	1,086	765
Public storage and compresses.....do.	4,388	4,128	3,942	6,120	8,344	10,501	10,664	9,951	9,204	8,271	7,332	6,354	5,231
Consuming establishments.....do.	998	834	635	698	1,077	1,405	1,604	1,708	1,771	1,805	1,679	1,551	1,359
Foreign cotton, total.....do.	76	69	58	64	75	65	65	66	79	108	118	103	108

* Revised. ¹ Data for wide-mouth food containers include jelly glasses in October, January, and February and both jelly glasses and fruit jars in November and December.

² Total ginnings of 1949 crop. ³ Ginnings to August 1. ⁴ August 1 estimate if 1950 crop.

† Includes laminated board, reported as component board. § Total ginnings to end of month indicated.

¶ Data for January, February, April, and May 1950 cover 4 weeks and for March, and June, 5 weeks; prior to 1950, calendar months are represented; stock data are for end of period covered.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
TEXTILE PRODUCTS—Continued													
COTTON—Continued													
Cotton (exclusive of linters)—Continued													
Exports.....bales.....	508,246	221,941	167,616	211,372	415,088	433,596	656,897	528,316	654,948	685,775	470,653	539,105	
Imports.....do.....	4,057	11,218	5,324	55,889	13,789	12,419	12,896	10,982	70,575	62,076	8,456	2,513	
Prices received by farmers.....dol. per lb.	.301	.301	.293	.297	.287	.278	.265	.265	.275	.281	.287	.292	.299
Prices, wholesale, middling, 1 ¹ / ₁₆ " average, 10 markets.....dol. per lb.	.328	.321	.310	.300	.296	.298	.303	.310	.320	.319	.325	.329	.338
Cotton linters:†													
Consumption.....thous. of bales.....	122	104	136	141	143	132	131	132	128	156	131	134	138
Production.....do.....	58	44	63	182	227	235	203	193	158	147	107	78	58
Stocks, end of month.....do.....	503	457	385	411	468	531	568	576	580	561	580	546	610
COTTON MANUFACTURES													
Cotton cloth:													
Cotton broad-woven goods over 12 inches in width, production, quarterly:‡ mil. of linear yards.....	1,971			1,896			2,313			2,444			
Exports.....thous. of sq. yd.....	81,115	65,886	60,051	66,384	60,383	52,811	55,918	36,503	34,970	49,266	52,690	48,689	
Imports.....do.....	649	822	1,057	1,198	2,167	2,310	2,290	2,845	4,283	7,481	4,952	5,042	
Prices, wholesale:													
Mill margins.....cents per lb.....	27.75	28.18	30.61	34.70	36.08	38.17	38.05	37.90	37.48	36.69	33.08	31.71	31.63
Denims, 28-inch.....dol. per yd.....	.303	.303	.303	.303	.303	.303	.303	.303	.303	.303	.303	.303	.318
Print cloth, 38 ¹ / ₂ -inch, 64 x 60.....do.....	.126	.128	.144	.163	.166	.170	.170	.166	.160	.152	.140	.142	.151
Sheeting, unbleached, 36-inch, 56 x 60.....do.....	.163	.161	.160	.165	.167	.169	.170	.170	.174	.172	.172	.172	.172
Cotton yarn, Southern, prices, wholesale, mill:													
22/1, carded, white, cones.....dol. per lb.....	.598	.600	.610	.620	.639	.647	.647	.647	.632	.627	.620	.602	.605
40/1, twisted, carded, skeins.....do.....	.764	.764	.772	.799	.823	.823	.823	.823	.823	.821	.799	.778	.786
Spindle activity (cotton system spindles):‡													
Active spindles, last working day, total.....thous.....	20,568	20,134	20,941	21,180	21,450	21,557	21,476	21,463	21,663	21,596	21,301	21,458	21,474
Consuming 100 percent cotton.....do.....	19,464	19,008	19,747	19,975	20,215	20,314	20,241	20,417	20,340	20,340	20,048	20,229	20,221
Spindle hours operated, all fibers, total, mil. of hr.....	7,975	5,984	8,827	9,287	9,540	10,021	9,781	9,663	9,765	11,808	9,299	9,467	11,076
Average per working day.....hours.....	363	299	384	432	460	466	466	466	496	472	473	473	452
Consuming 100 percent cotton.....mil. of hr.....	7,506	5,622	8,297	8,725	8,978	9,442	9,206	9,091	9,181	11,130	8,764	8,935	10,435
Operations as percent of capacity.....	95.8	79.6	102.5	115.2	123.3	124.8	124.7	133.0	133.4	127.3	127.8	128.1	123.0
RAYON AND MANUFACTURES AND SILK													
Rayon yarn and staple fiber:													
Consumption:													
Filament yarn.....mil. of lb.....	56.8	58.8	69.2	74.8	74.9	75.7	79.7	78.1	71.5	81.0	70.2	76.8	78.4
Staple fiber.....do.....	10.9	13.7	19.4	22.7	25.2	24.3	23.9	24.1	22.5	25.4	23.3	25.5	24.7
Stocks, producers', end of month:													
Filament yarn.....do.....	49.7	48.6	41.9	31.1	24.7	18.9	14.3	14.6	13.3	12.3	14.2	15.6	14.0
Staple fiber.....do.....	18.9	16.8	12.8	7.8	4.5	3.5	2.9	3.3	3.3	3.6	4.4	5.5	6.0
Imports.....thous. of lb.....	106	32	468	257	767	2,952	4,317	4,016	4,969	6,710	5,171	8,076	
Prices, wholesale:													
Yarn, viscose, 150 denier, first quality, minimum filament.....dol. per lb.....	.710	.710	.710	.710	.710	.710	.710	.710	.710	.710	.710	.710	.710
Staple fiber, viscose, 1 ¹ / ₂ denier.....do.....	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350
Rayon broad-woven goods, production, quarterly:‡ mil. of linear yards.....	431,820			463,054			544,104			588,257			
Silk, raw:													
Imports.....thous. of lb.....	460	90	27	25	164	133	370	539	583	628	669	705	
Price, wholesale, Japan, white, 13/15 (N. Y.).....dol. per lb.....	2.60	2.60	2.60	2.60	2.60	2.65	2.68	2.72	2.71	2.65	2.65	2.68	2.68
WOOL													
Consumption (scoured basis):‡													
Apparel class.....thous. of lb.....	28,785	22,634	29,245	36,158	33,513	29,043	35,679	31,352	34,684	41,730	31,108	32,460	
Carpet class.....do.....	11,416	6,521	10,589	13,348	13,031	13,200	17,371	15,716	15,724	19,765	16,652	16,204	
Imports.....do.....	29,878	23,082	38,046	39,252	46,456	46,158	57,517	77,890	74,652	66,630	56,964	54,879	
Prices, wholesale, Boston:													
Raw, territory, 64s, 70s, 80s, scoured.....dol. per lb.....	1.725	1.600	1.525	1.525	1.525	1.525	1.562	1.588	1.625	1.625	1.625	1.698	1.760
Raw, bright fleeces, 56s, greasy.....do.....	.545	.545	.545	.545	.545	.545	.552	.559	.570	.570	.564	.620	.678
Australian, 64s, 70s, good topmaking, scoured, in bond.....dol. per lb.....	2.1675	2.1675	2.1675	2.1675	2.1675	1.375	1.375	1.465	1.575	1.575	1.600	1.715	1.775
WOOL MANUFACTURES													
Machinery activity (weekly average):‡													
Looms:													
Woolen and worsted:													
Pile and Jacquard.....thous. of active hours.....	80	67	83	79	90	83	69	77	86	83	86	87	
Broad.....do.....	1,746	1,620	1,960	1,926	2,283	2,267	2,186	2,175	2,172	2,096	2,136	2,184	
Narrow.....do.....	25	25	30	26	36	30	25	29	27	27	28	27	
Carpet and rug:													
Broad.....do.....	120	70	124	125	141	138	141	154	166	169	170	158	
Narrow.....do.....	60	41	65	65	68	69	72	79	87	83	85	81	
Spinning spindles:													
Woolen.....do.....	76,257	72,030	88,831	82,778	91,983	85,798	76,653	77,597	79,834	77,269	79,582	85,061	
Worsted.....do.....	69,738	62,884	81,906	90,413	110,119	97,935	95,066	93,207	104,027	103,917	100,746	101,991	
Worsted combs.....do.....	123	122	145	151	176	166	172	185	209	207	186	191	
Wool yarn:													
Production, total,§.....thous. of lb.....	60,493	42,884	56,097	68,894	62,352	57,293	66,600	56,780	60,324	74,610	60,516	63,208	
Knitting.....do.....	6,650	4,917	6,542	8,631	7,621	6,675	7,550	6,628	6,664	7,835	6,468	6,988	
Weaving.....do.....	41,122	31,124	38,420	46,234	41,234	36,689	41,899	34,796	37,908	46,495	36,832	39,692	
Carpet and other§.....do.....	12,721	6,843	11,135	14,029	13,497	13,929	17,151	15,356	15,752	20,280	17,216	16,528	
Price, wholesale, worsted yarn (Bradford weaving system) 2/32s.....dol. per lb.....	3.375	3.375	3.375	3.244	2.850	2.912	2.975	2.975	2.975	2.975	2.975	2.975	2.975

† Revised. ‡ See note below marked "†". § Nominal price.
 ¶ Data for January, February, April, and May 1950 cover 4 weeks and for March and June, 5 weeks; prior to 1950, calendar months are represented; stock data and number of active spindles are for end of period covered.
 † Revised data for broad-woven goods for the first quarter of 1949 are as follows (units as above): Cotton, 2,226 and rayon, 518,127.
 ‡ Substituted series. See note marked "‡" at bottom of p. S-39 of the July 1950 Survey.
 § Data for June, September, December 1949, and March 1950 are for 5 weeks; other months, 4 weeks.

Unless otherwise stated, statistics through 1948 and descriptive notes are shown in the 1949 Statistical Supplement to the Survey	1949							1950					
	June	July	August	September	October	November	December	January	February	March	April	May	June
TEXTILE PRODUCTS—Continued													
WOOL MANUFACTURES—Continued													
Woolen and worsted woven goods, except woven felts:													
Production, quarterly, total.....thous. of lin. yd.	91,923			106,945			118,220			108,329			
Apparel fabrics, total.....do.	75,939			90,250			102,801			90,923			
Government orders.....do.	3,218			3,613			3,733			2,471			
Other than Government orders, total.....do.	72,721			86,637			99,068			88,452			
Men's and boys'.....do.	33,227			34,507			43,061			42,024			
Women's and children's.....do.	30,346			44,277			48,250			40,836			
Unclassified.....do.	9,148			7,853			7,757			5,592			
Blanketing.....do.	5,704			6,330			5,866			5,263			
Other nonapparel fabrics.....do.	10,280			10,365			9,553			12,143			
Prices, wholesale, f. o. b. mill:													
Suiting, unfinished worsted, 13 oz., dol. per yd.	3.589	3.459	3.069	3.069	3.069	3.069	3.069	3.069	3.069	2.995	2.970	2.970	3.094
Women's dress goods, flannel, 8 oz., 54-inch dol. per yd.	2.722	2.475	2.475	2.475	2.475	2.475	2.475	2.475	2.475	2.475	2.475	2.475	2.475
TRANSPORTATION EQUIPMENT													
AIRCRAFT													
Civil aircraft, shipments [♂]number..	439	301	272	284	228	158	116	167	225	326	329	377	369
Exports.....do.	189	156	188	143	170	161	129	139	152	152	156	168	
MOTOR VEHICLES													
Factory sales, total.....number..	593,640	579,048	657,664	626,180	572,917	455,008	358,471	581,366	475,465	580,660	559,311	696,893	856,626
Coaches, total.....do.	632	439	444	298	322	308	369	219	133	199	268	412	606
Domestic.....do.	522	399	420	274	275	279	353	194	128	170	234	323	372
Passenger cars, total.....do.	493,882	483,261	557,370	534,493	487,891	381,951	291,358	487,824	385,361	469,618	455,193	575,518	720,688
Domestic.....do.	480,009	471,752	544,630	521,524	476,461	373,838	284,097	475,495	377,185	461,119	446,524	563,119	702,935
Trucks, total.....do.	99,126	95,348	99,850	91,389	84,704	72,749	66,744	93,323	89,971	110,843	103,850	120,963	135,332
Domestic.....do.	89,174	85,427	89,939	82,487	76,584	66,090	60,784	84,378	80,939	99,809	93,294	108,997	120,236
Exports, total.....do.	22,648	124,397	120,234	121,389	120,063	17,105	12,545	115,531	118,113	117,464	116,334	119,285	
Passenger cars.....do.	12,028	13,035	10,853	12,326	11,197	9,145	6,957	8,914	8,489	7,959	6,610	8,339	
Trucks.....do.	10,620	111,362	19,381	19,063	18,866	7,960	5,588	16,617	19,624	19,505	19,724	110,946	
Truck trailers, production, total.....do.	2,854	2,236	2,648	2,692	3,256	2,951	3,043	3,083	3,493	4,395	4,385	4,867	
Complete trailers.....do.	2,724	2,148	2,552	2,584	3,087	2,816	2,865	2,969	3,348	4,183	4,192	4,650	
Vans.....do.	1,598	1,330	1,506	1,640	2,108	1,821	1,696	1,842	2,123	2,523	2,528	2,782	
All other.....do.	1,126	818	1,046	944	979	995	1,169	1,127	1,225	1,660	1,664	1,868	
Chassis shipped as such.....do.	130	88	96	108	169	135	178	114	145	212	193	217	
Registrations:													
New passenger cars.....do.	432,470	448,477	478,556	459,647	465,765	409,702	414,579	381,562	408,990	495,885	471,215	488,363	
New commercial cars.....do.	79,069	76,866	85,539	89,253	86,398	79,699	78,805	67,925	71,698	96,266	92,241	90,786	
RAILWAY EQUIPMENT													
American Railway Car Institute:													
Shipments:													
Freight cars, total.....number..	9,148	6,645	7,184	6,201	4,537	4,456	3,432	2,395	2,051	1,712	983	2,193	4,074
Equipment manufacturers, total.....do.	5,832	3,866	4,251	3,996	2,833	2,729	2,052	1,006	922	830	235	1,211	3,365
Domestic.....do.	5,805	3,655	4,245	3,936	2,825	2,649	1,950	1,006	917	830	223	1,211	3,165
Railroad shops, domestic.....do.	3,316	2,779	2,933	2,205	1,704	1,727	1,380	1,389	1,129	882	748	982	709
Passenger cars, total.....do.	98	68	70	93	90	85	80	61	64	87	82	113	106
Equipment manufacturers, total.....do.	98	68	70	93	90	85	80	61	64	87	82	113	106
Domestic.....do.	94	66	65	87	84	76	75	61	64	87	82	113	106
Railroad shops, domestic.....do.	0	0	0	0	0	0	0	0	0	0	0	0	0
Association of American Railroads:													
Freight cars (class D), end of month: [♂]													
Number owned.....thousands..	1,771	1,769	1,767	1,766	1,765	1,763	1,750	1,745	1,742	1,739	1,733	1,728	1,724
Undergoing or awaiting classified repairs.....thousands..	113	126	125	124	132	130	134	141	139	128	127	128	118
Percent of total on line.....	6.4	7.4	7.3	7.3	7.7	7.7	8.0	8.4	8.3	7.8	7.7	7.4	6.9
Orders, unfilled.....number..	36,331	31,746	26,599	20,609	16,183	12,661	12,861	17,766	25,647	27,011	30,170	40,405	39,360
Equipment manufacturers.....do.	19,368	16,474	13,473	9,419	6,442	4,122	2,447	4,550	8,455	10,715	13,766	24,338	21,936
Railroad shops.....do.	16,963	15,272	13,126	11,190	9,741	8,539	10,414	13,216	17,192	16,296	16,404	16,067	17,424
Locomotives (class D), end of month:													
Steam, undergoing or awaiting classified repairs.....number..	2,665	2,833	2,949	2,992	3,189	3,297	3,204	3,454	3,498	3,407	3,308	3,217	3,086
Percent of total on line.....	8.7	9.3	9.8	10.0	10.8	11.3	11.1	12.2	12.5	12.3	12.1	11.9	11.7
Orders, unfilled:													
Steam locomotives, total.....number..	29	25	23	21	17	15	13	12	12	11	10	9	23
Equipment manufacturers.....do.	10	7	6	5	2	1	0	0	0	0	0	0	0
Railroad shops.....do.	19	18	17	16	15	14	13	12	12	11	10	9	23
Other locomotives, total.....do.	1,098	984	873	775	816	954	885	1,130	1,099	1,088	1,101	1,000	977
Equipment manufacturers.....do.	1,098	984	873	775	816	954	885	1,130	1,099	1,088	1,101	1,000	977
Railroad shops.....do.	0	0	0	0	0	0	0	0	0	0	0	0	0
Exports of locomotives, total.....do.	123	73	65	80	62	65	107	102	48	107	54	78	
Steam.....do.	69	17	12	4	25	5	31	48	2	55	0	17	
Other.....do.	54	56	53	76	37	60	76	54	46	52	54	61	
INDUSTRIAL ELECTRIC TRUCKS AND TRACTORS													
Shipments, total.....number..	205	168	202	185	254	227	232	199	183	229	204	203	268
Domestic.....do.	175	133	183	168	235	197	186	180	146	196	172	183	238
Export.....do.	30	35	19	17	19	30	46	19	37	33	32	20	

[†] Revised.

¹ Excludes "special category" exports not shown separately in the interest of national security.

[♂] Publication of data for military shipments and the total, formerly shown here, has been discontinued by the *Civil Aeronautics Administration*.

[§] Not including railroad-owned private refrigerator cars.

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