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SURVEY OF

CURRENT BUSINESS



U. S. DEPARTMENT OF COMMERCE

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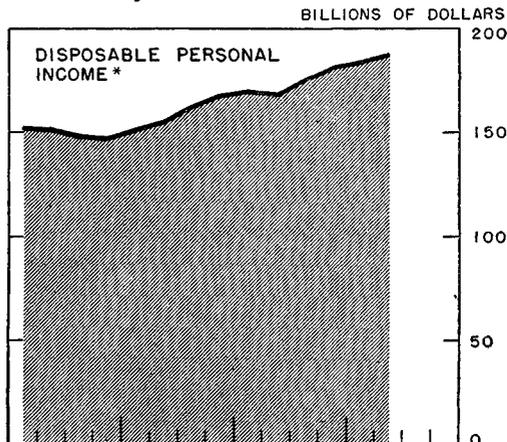
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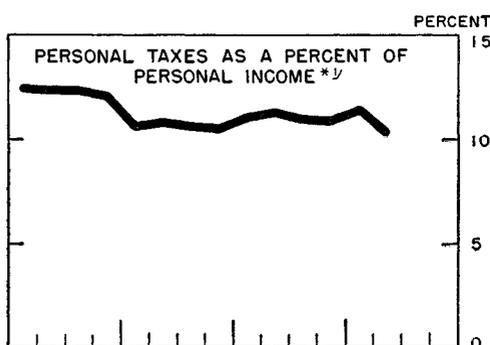
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CONSUMER INCOME, SPENDING, AND PRICES

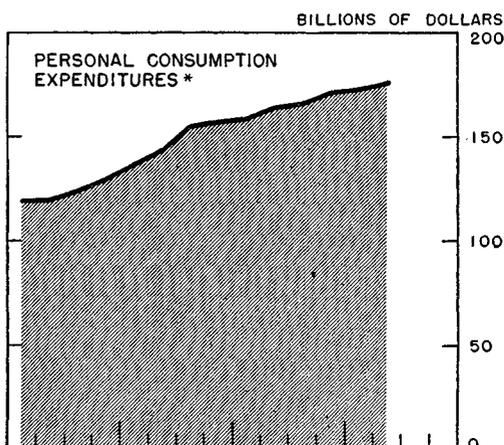
The latest increase in income available to consumers.....



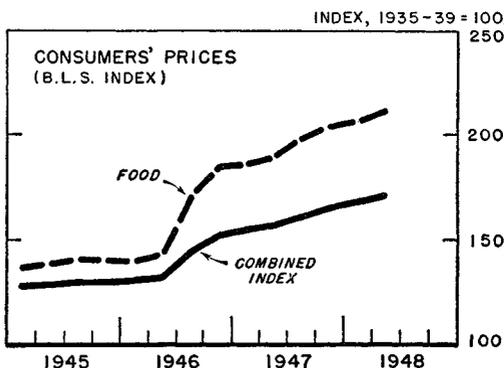
resulted, in part, from lower taxes.



The further rise in consumer spending....



has been accompanied by higher prices, especially for food.



* QUARTERLY TOTALS, SEASONALLY ADJUSTED, AT ANNUAL RATES.
^{1/2} TAXES INCLUDE PERSONAL TAX AND NONTAX PAYMENTS TO FEDERAL, STATE AND LOCAL GOVERNMENTS.
 U. S. DEPARTMENT OF COMMERCE, OFFICE OF BUSINESS ECONOMICS. 48-261

THE Business SITUATION



By the Office of Business Economics

ECONOMIC activity was sustained at a high rate in June and July. Rising costs and increasing demand relative to the flow of goods were reflected in a further advance in the price level.

In recent weeks, the area of rising prices has broadened and the pace of the advance has quickened. A diverse group of important industrial raw materials, coal, iron and steel together with fabricated metal products, and such major foods as meat, dairy, and poultry products all registered increases. Grain prices weakened, however, as crop prospects continued to improve both at home and abroad.

In view of the mounting pressure on prices, new legislation was enacted in early August by the special session of Congress authorizing the Board of Governors of the Federal Reserve System to raise reserve requirements of member banks, and to reestablish control of consumer installment credit which had lapsed at the end of October of last year. As a complementary measure, the Secretary of the Treasury raised interest rates on short-term Government borrowing. Provision for easier housing credit was made, however, by the liberalization of provisions of the National Housing Act.

Employment expanded more than seasonally in June and rose again in July. Industrial production, though at a high rate, was nevertheless moderately lower in June and July than the rate attained in the first quarter of the year, as operations continued to be handicapped by material shortages in basic industries (see table 1). For the first 6 months of the year total nonagricultural production of commodities averaged higher than in the latter half of 1947, but the gain was narrow and confined wholly to the first quarter of the year with some easing during the second quarter. The trend of manufacturing output is analyzed in some detail in a subsequent section.

In the agricultural sector, the output of goods for consumers is appreciably lower in the first half of 1947 than a year earlier. The curtailment in marketing extended to both crops and livestock and livestock products.

The progress of wage settlements in the "third round" adjustment in the basic industries was reflected in a rise in earnings data for June compiled by the Department of Labor. Hourly earnings in manufacturing rose about two cents an hour from May to June, and some major wage increases have been granted since that time. This rise coupled with the expansion in employment accounted for half of the 4.7 billion-dollar increase in total personal income from 207.2 billion dollars (annual rate) in May to 211.9 billion in June. Most of the additional gain for the month was in farm income.

Table 1.—Production

| | Industrial (adjusted) | Farm marketings (unadjusted) |
|---------------------|--------------------------|------------------------------------|
| | (Index 1935-39=100) | |
| 1947: | | |
| First quarter..... | 189 | 130 |
| Second quarter..... | 185 | 127 |
| Third quarter..... | 182 | 164 |
| Fourth quarter..... | 191 | 170 |
| 1948: | | |
| First quarter..... | 193 | 118 |
| Second quarter..... | 190 | 121 |
| June..... | 192 | 130 |

Sources: Industrial Production, Board of Governors, Federal Reserve System; Farm Marketings, U. S. Department of Agriculture, Bureau of Agricultural Economics.

The increase in personal disposable income from the first to the second quarter of the year was accompanied by increases in both consumer spending and consumer prices (see the chart on page 1). Part of the rise in disposable income, as is brought out in the second panel of the chart, was due to the reduction in personal taxes. Recent changes in the national income and product are discussed in detail in a later section.

The value of goods flowing through distribution channels was moderately higher at all levels, with the principal advance registered in durables. A 2-percent rise in the index of manufacturers' sales from May to June was principally due to a 6-percent advance in durables. New orders of manufacturers—always a sensitive measure of general business sentiment—had drifted lower during the first few months of the year, but in June they rose in a broad group of industries.

Second-quarter retail sales were from 2 to 3 percent higher than in the preceding quarter as June sales increased slightly over May almost to the high point reached in April of this year. After adjustment for seasonal variation and the number of trading days, the June index of retail sales stood at 334 (1935-39=100) compared with 328 in May. Important factors accounting for this rise were the improved supply position of automobile dealers and the larger sales of building materials and hardware dealers arising from the heavy volume of construction and home repairs. With apparel and general merchandise stores leading, most of the nondurable stores registered advances of 1 to 3 percent; food-store sales, however, edged downward for the second month despite continued rises in food prices.

A renewed rise took place in business inventories during June. Manufacturers' inventories rose 400 million dollars with most of the gain in the nondurable industries. Trade inventories were substantially unchanged at a time when a seasonal decline normally takes place.

Construction Higher

New construction activity rose to 1.7 billion dollars in July, one-third higher than the same month a year earlier. A portion of the rise is attributable to increasing costs during the 12-month period. Private residential construction continues to be the leading individual component, accounting for 700 million dollars of value put in place during the month. In June 93,500 new dwelling units were started, marking the fourth consecutive month in which the 90,000 figure was exceeded in this series and assuring a high volume of residential construction activity for several months to come. A total of 450,000 housing starts during the first 6 months of this year represents about half of the 950,000 starts projected for the year as a whole. Commercial-building construction and public-highway construction also showed substantial dollar advances over June.

Widespread Price Advances

Upward price pressures were featured in commodity markets in July (see table 2), with the latest increases pushing the monthly general wholesale price index above the post-World War I peak of May 1920. Numerous price advances were made affecting basic raw materials, which along with higher wage rates will affect the cost of production of manufactured products. Supplementing the June 1948 advances in such raw materials as aluminum and rubber, price increases in July and early August were announced for coal, finished steel, copper, lead, zinc, glass, and nickel. Aside from any effects resulting from the dropping of the basing-point price system, steel prices were advanced about 10 percent in July. Subsequently, rises have occurred in scrap steel and other materials entering into finished-steel production.

These higher prices of basic materials and higher wage rates have already been reflected in rising prices of various manufactured goods such as agricultural machinery, automobiles and rubber tires. To a considerable extent, however, adjustment of prices of fabricated products has not yet reflected the full impact of these cost increases.

Table 2.—Prices

| | Wholesale | | | Consumers' price index |
|---------------------|------------------|-------|--------------------------------|---------------------------|
| | All | Farm | Other than farm and food | |
| | (Index 1926=100) | | | (Index 1935-39=100) |
| 1947: | | | | |
| First quarter..... | 145.2 | 172.7 | 129.1 | 154.3 |
| Second quarter..... | 147.5 | 176.8 | 131.8 | 156.4 |
| Third quarter..... | 153.9 | 183.2 | 135.9 | 160.8 |
| Fourth quarter..... | 160.5 | 191.4 | 142.7 | 165.2 |
| 1948: | | | | |
| First quarter..... | 162.6 | 190.2 | 147.8 | 167.7 |
| Second quarter..... | 164.3 | 190.6 | 149.0 | 170.5 |
| June..... | 166.2 | 196.0 | 149.5 | 171.7 |

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

Effect of Agricultural Price Supports

The outstanding deviation from the general upward trend of prices was in agricultural crop prices where there is the prospect of bumper crops aggregating about 6 percent larger than the previous record harvest of 1946. Although the August 1948 crop report indicates a slight decline in wheat production from a year ago, a record corn output is expected—more than two-fifths above last year—while other grains such as barley, oats, and rye will also be considerably above 1947. The pressure of the prospective enlarged grain supply has reduced the average of wholesale grain prices about 15 percent in the past 3 months, a period when the usual seasonal movement is upward. Cotton prices have also declined in reaction to the forecast of the largest output in several years.

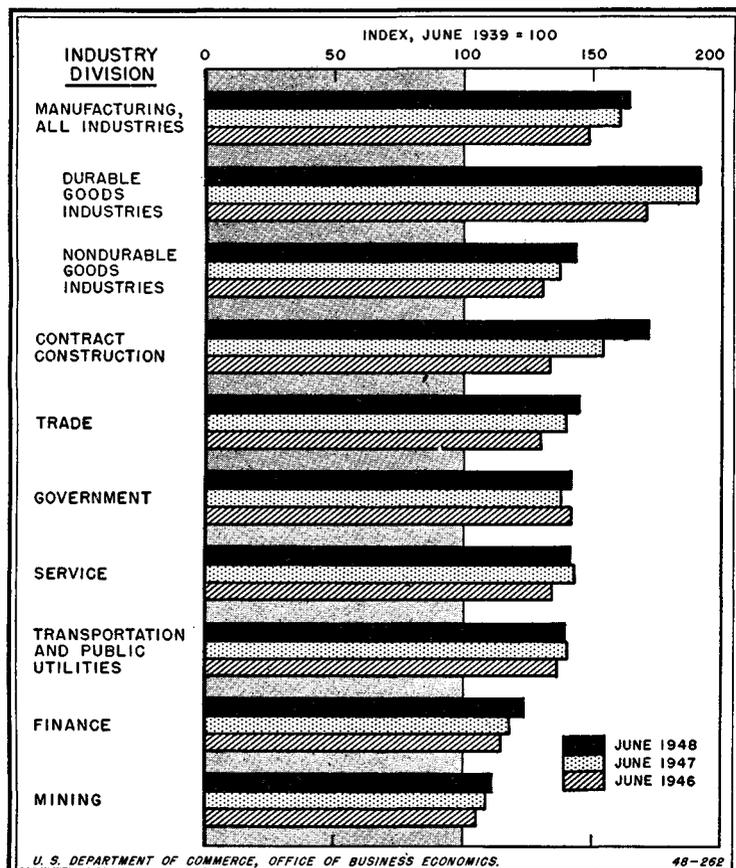
The Government price-support program has thus far played a minor role in impeding the downward movement of commodity cash prices, since most prices have been substantially above support levels. In the futures markets for some important crops such as corn, wheat, and cotton, however, supports have been a factor, these prices have tended to fluctuate in recent months close to the expected support-price level.

Of the major farm products for which price supports are required under existing legislation, extensive support operations this year have been applied only to potatoes, eggs, wool, peanuts, and some types of tobacco. The prospective extension of support operations to additional commodities reflects downward adjustment of crop prices which will affect farm

income directly. The effect of this adjustment upon products purchased by consumers, however, will for the most part be indirect, as in cotton, or delayed, as in the feed grains.

Meat, poultry, and dairy products—which enter most directly into the cost of living—have maintained or widened their margin over their support prices since last year. Hog prices, for example, in July 1948 were 54 percent above the support-price level, as compared with a similar percentage prevailing in 1947. Chicken prices both in 1947 and thus far in 1948 were sufficiently above mandatory support levels to make unnecessary any announcement of support operations, a situation which also characterized wholesale milk and but-terfat prices.

Chart 2.—Employees in Nonagricultural Establishments¹



¹ Includes all full- and part-time wage and salary workers who worked or received pay during the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Sources: Basic data, U. S. Department of Labor, Bureau of Labor Statistics; indexes computed by the U. S. Department of Commerce, Office of Business Economics.

Recent Labor-Market Developments

In response to expanding employment opportunities, the labor supply has increased during the past year somewhat more than might have been expected on the basis of changes in the working population. In June and July, for example, the labor force averaged about 1 million more than a year ago as compared with an expected normal growth of about a half million. Employment has been expanded also by drawing on the already low ranks of the unemployed which in July were down to 2.2 million, about 400 thousand less than a year ago. Total employment in July reached 61.6 million, a rise of 1.5 million or 2.5 percent over July a year ago.

An added factor, important because of its future bearing on the civilian supply of labor, was the recent enactment of selective service legislation which may be expected over the

coming year or so to absorb a considerable portion of the normal growth in the labor force. On the other hand, there is reason to believe that some of those veterans who have been kept out of the labor force by unusual schooling schedules may seek work. In general, in view of these considerations coupled with the already high employment rates, it would appear that labor supply in the months ahead will be only moderately increased.

The employment increase over the past year has been confined to nonfarm areas. According to Census Bureau estimates, total nonagricultural employment reached 52.5 million in July, a half million more than in June, and 2.5 million above a year ago.

The latest data on the industrial distribution of employment relate to the month of June. Indexes of employment by major nonfarm industry groups are shown in chart 2, using June 1939 as equal to 100. Compared with 1939, all nonfarm industries showed substantial increases in the number of persons at work. The larger relative rise over this period in durable manufactures and in construction reflects in part the fact that these industries were more affected by the underemployment conditions prevailing in 1939, but more important, perhaps, these increases indicate the large backlog of demand for heavy goods and construction built up during the war period.

Little Change in Durable-Goods Employment

The more recent changes in the general employment situation are interesting in several respects. For example, whereas most of the postwar gain in employment in durable-goods manufacturing has occurred by mid-1947, contract-construction employment has continued to move steadily ahead. Although the supply of materials has been a limiting factor in both areas, improvement in employment and output in recent months has been more feasible in the construction field where the supply of steel is not so important a factor as in the metal-fabricating industries. Only in the case of the "lumber and timber basic products" group was there any substantial employment gain in the hard-goods industries. This increase and scattered smaller increases in other major groups producing hard goods were largely offset by reductions in shipbuilding and in radio and electrical-equipment manufacturing employment.

Increase in Nondurable-Goods Employment

As is clear from the chart, the rise in manufacturing employment over the last 12 months centered in nondurable-goods industries, chiefly in textiles, apparel, and food manufacture. In part, this is a reflection of a substantial reduction in employment in the spring and summer months of 1947 in the textile and apparel groups, which represented not only a part of a major reversion to prewar seasonal patterns of production but also some softening of demand. This year the post-Easter employment decline was more moderate and apparently of shorter duration than last year.

Among the nonmanufacturing groups other than construction, the largest 12-month increase in employment was in the government sector, where an expansion of 230,000 at the State- and local-government level was greater than the drop of 80,000 in the number of Federal workers. The rise for the "State and local" group for the most part reflects continued expansion of public-works programs. Employment in trade, practically steady so far in 1948, was also well above last year's level.

Workweek Stable

The increase in nonagricultural employment in the last 12 months resulted in a corresponding gain in man-hours of work as the average number of hours worked remained

(Continued on p. 24)

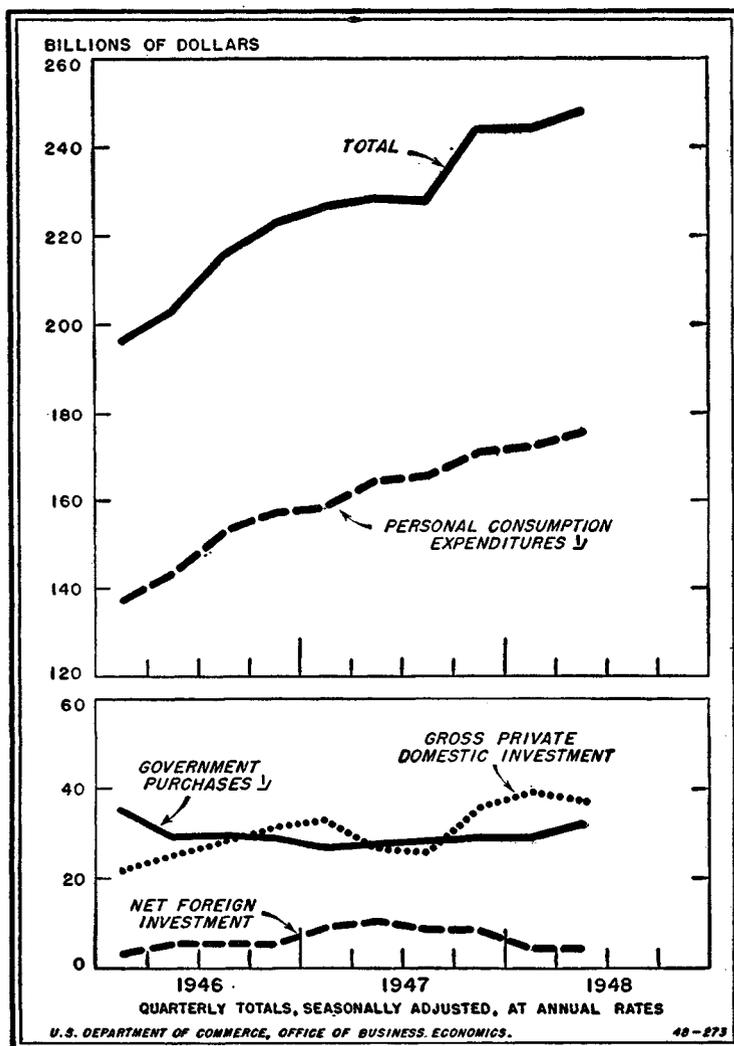
National Product and Income in the Second Quarter of 1948

GROSS national product, which measures the value of the nation's output of goods and services at market prices, reached a seasonally adjusted annual rate of 248 billion dollars in the second quarter of 1948. This total reflects an increase of about 3 billion dollars from the preceding quarter, when a temporary leveling-off had occurred after an extraordinarily pronounced spurt in the final months of 1947.

These movements may be placed in perspective by reference to chart 3, which shows the trend of gross national product and of its major components over the past 2½ years. Gross private domestic investment, perhaps the most dynamic of these components during the recent past, is further analyzed in chart 4, where the volatile movements of business inventories during 1947 and 1948 are highlighted.

The accelerated second-quarter growth of product represents a resumption of inflationary pressures temporarily abated earlier this year. Consumer and business expenditures are rising, influenced by the income-tax reduction, the further increase in wage rates, and the projected expansion of government expenditures for European aid and rearmament. None of these major factors was fully operative during the second quarter, but all of them have tended

Chart 3.—Gross National Product and Major Components



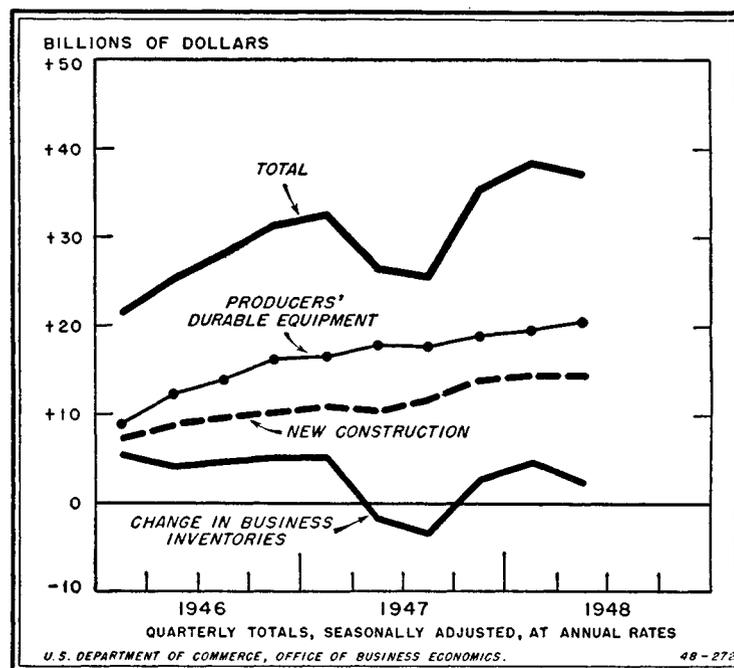
¹ Data are for goods and services.

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

to exert mounting force upon the economy during the current quarter.

The recent 4-billion-dollar increment in national product resulted from divergent changes in various sectors of demand. Consumers and government purchased considerably more goods and services than earlier in the year, but the increase in aggregate national product was dampened by a decline in gross private domestic investment, due solely to reduced accumulation of business inventories. Net foreign investment remained stable at the first-quarter level. These developments are described in some detail in the following paragraphs.

Chart 4.—Composition of Gross Private Domestic Investment



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

Consumer Expenditures Higher

After the hesitation apparent in the first quarter, when personal consumption expenditures showed their smallest increase since the end of the war, consumer spending accelerated moderately again. An advance of 3.1 billion dollars in the second quarter brought the seasonally adjusted annual rate to 175.1 billion dollars. The increase was spread fairly evenly, in absolute terms, among durable goods, nondurables, and services, with the first-named group experiencing the largest proportionate rise. This effort on the part of consumers to replenish depleted stocks of durable articles has characterized the entire postwar period. Sales of furniture and housefurnishings, which had slackened early this year, moved above the previous fourth-quarter peak and accounted for most of the increased expenditure for durables. Expansion of nondurable-goods sales in the second quarter was concentrated in clothing and food, and reflected price movements in the main, rather than a change in real terms.

Private Investment Strong

Gross private domestic investment absorbed a smaller fraction of the national output in the second quarter than during the earlier months of 1948. This was due entirely to

the reduced rate of nonfarm inventory accumulation noted below, as other components of private investment either remained constant or increased moderately.

After a rapid rise in the latter half of 1947, new private construction activity has continued at the high rate of the fourth quarter. A slight increase was registered in the first 3 months of this year, the resultant rate of 14.3 billion dollars being sustained in the second quarter. For three consecutive quarters, private construction has constituted a larger proportion of gross national product than in any year since 1930.

No significant shifts in the composition of new construction occurred during the second quarter. There were fractional declines in industrial and nonfarm residential building,

Table 3.—National Income and Product, First and Second Quarters of 1948¹

[Billions of dollars]

| Item | Unadjusted | | Seasonally adjusted, at annual rates | |
|---------------------------------------------------------------------------------|------------|------------------|--------------------------------------|------------------|
| | I | II | I | II |
| <i>National income by distributive shares</i> | | | | |
| National income..... | 53.2 | (²) | 215.1 | (³) |
| Compensation of employees..... | 32.9 | 33.5 | 133.7 | 133.9 |
| Wages and salaries..... | 31.6 | 32.3 | 128.8 | 129.1 |
| Private..... | 27.1 | 27.7 | 111.1 | 111.0 |
| Military..... | .9 | .9 | 3.5 | 3.6 |
| Government civilian..... | 3.6 | 3.7 | 14.2 | 14.5 |
| Supplements to wages and salaries..... | 1.3 | 1.2 | 4.9 | 4.9 |
| Proprietors' and rental income ² | 12.6 | 13.0 | 50.6 | 51.9 |
| Business and professional..... | 6.3 | 6.4 | 25.0 | 25.4 |
| Farm..... | 4.5 | 4.7 | 18.0 | 18.9 |
| Rental income of persons..... | 1.9 | 1.9 | 7.5 | 7.6 |
| Corporate profits and inventory valuation adjustment..... | 6.5 | (³) | 26.2 | (³) |
| Corporate profits before tax..... | 7.8 | (³) | 31.4 | (³) |
| Corporate-profits tax liability..... | 3.0 | (³) | 12.2 | (³) |
| Corporate profits after tax..... | 4.8 | (³) | 19.2 | (³) |
| Inventory valuation adjustment..... | -1.3 | -6 | -5.3 | -2.5 |
| Net interest..... | 1.2 | 1.2 | 4.6 | 4.7 |
| Addendum: Compensation of general government employees..... | 4.2 | 4.3 | 16.5 | 16.9 |
| <i>Gross national product or expenditure</i> | | | | |
| Gross national product..... | 59.3 | 60.5 | 243.8 | 248.2 |
| Personal consumption expenditures..... | 41.0 | 43.0 | 172.0 | 175.1 |
| Durable goods..... | 4.9 | 5.3 | 21.4 | 22.3 |
| Nondurable goods..... | 23.7 | 25.0 | 101.0 | 102.4 |
| Services..... | 12.5 | 12.6 | 49.6 | 50.4 |
| Gross private domestic investment..... | 10.0 | 8.4 | 38.5 | 37.2 |
| New construction..... | 2.9 | 3.6 | 14.3 | 14.3 |
| Residential nonfarm..... | 1.4 | 1.7 | 7.0 | 6.9 |
| Other..... | 1.5 | 1.8 | 7.3 | 7.4 |
| Producers' durable equipment..... | 4.9 | 5.1 | 19.6 | 20.6 |
| Change in business inventories, total..... | 2.2 | -3 | 4.6 | 2.3 |
| Nonfarm only..... | 2.3 | -4 | 5.1 | 1.8 |
| Net foreign investment..... | 1.0 | 1.0 | 3.9 | 3.9 |
| Government purchases of goods and services..... | 7.3 | 8.2 | 29.4 | 32.1 |
| Federal..... | 4.3 | 4.6 | 17.3 | 18.6 |
| Less: Government sales..... | .3 | .2 | 1.3 | .7 |
| State and local..... | 3.3 | 3.7 | 13.4 | 14.2 |
| <i>Disposition of personal income</i> | | | | |
| Personal income..... | 51.1 | 52.4 | 207.3 | 208.8 |
| Less: Personal tax and nontax payments..... | 9.3 | 3.9 | 23.6 | 21.6 |
| Federal..... | 8.6 | 3.3 | 21.5 | 19.4 |
| State and local..... | .6 | .6 | 2.1 | 2.1 |
| Equals: Disposable personal income..... | 41.8 | 48.5 | 183.7 | 187.3 |
| Less: Personal consumption expenditures..... | 41.0 | 43.0 | 172.0 | 175.1 |
| Equals: Personal saving..... | .7 | 5.5 | 11.7 | 12.2 |
| <i>Relation of gross national product, national income, and personal income</i> | | | | |
| Gross national product..... | 59.3 | 60.5 | 243.8 | 248.2 |
| Less: Capital consumption allowances..... | 3.5 | 3.6 | 14.0 | 14.2 |
| Indirect business tax and nontax liability..... | 4.6 | 4.8 | 18.9 | 19.4 |
| Business transfer payments..... | .2 | .2 | .6 | .6 |
| Statistical discrepancy..... | -2.2 | (³) | -5.2 | (³) |
| Plus: Subsidies less current surplus of government enterprises..... | -1 | -1 | -3 | -3 |
| Equals: National income..... | 53.2 | (³) | 215.1 | (³) |
| Less: Corporate profits and inventory valuation adjustment..... | 6.5 | (³) | 26.2 | (³) |
| Contributions for social insurance..... | 1.3 | 1.3 | 5.0 | 5.0 |
| Excess of wage accruals over disbursements..... | 0 | 0 | 0 | 0 |
| Plus: Government transfer payments..... | 2.7 | 2.7 | 10.9 | 10.6 |
| Net interest paid by government..... | 1.1 | 1.4 | 4.6 | 4.7 |
| Dividends..... | 1.7 | 1.7 | 7.3 | 7.3 |
| Business transfer payments..... | .2 | .2 | .6 | .6 |
| Equals: Personal income..... | 51.1 | 52.4 | 207.3 | 208.8 |

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

² Includes noncorporate inventory valuation adjustment.

³ Not available.

offset by minor gains in the public-utility group, but seasonal adjustment factors are not sufficiently precise to permit attachment of meaning to changes of such magnitudes. Residential building continued, as in the previous two quarters, to constitute an extraordinarily large portion—about half—of new private construction.

Business investment in producers' durable equipment advanced to an annual rate of 20.6 billion dollars, as compared with 19.6 billion dollars during the first quarter. Virtually all components, including machinery, commercial motor vehicles, and railroad equipment, shared in the advance. However, a considerable part of the increase was probably attributable to price factors rather than to an increase in the physical volume of production.

The accelerated accumulation of business inventories which took place in the first quarter of 1948 was curtailed in the second to a billion dollar annual rate. As noted in the May SURVEY, the increase in the early months of the year had been restricted to trade inventories and was concentrated at the retail level. Its association with a flattening of consumer expenditures suggested that the accumulation was, at least in part, involuntary. In the second quarter, however, with disposable personal income increasing, retail sales picked up again. In consequence, retailers' stocks were more readily moved, and these inventories, in real terms, remained very nearly constant. The less pronounced accumulation of wholesale trade inventories in the first quarter also virtually disappeared in the second.

In contrast with trade stocks, manufacturing inventories, which had remained stable (after valuation adjustment) in the early part of the year, rose moderately in the second quarter to account for the bulk of the nonfarm business inventory movement shown in table 3.

Shift in Financing Foreign Requirements

Net foreign investment, following the large decline in the first quarter, held steady at an annual rate of approximately 4 billion dollars. While merchandise imports fell off somewhat from the peak achieved earlier in the year, this was offset by an increase in Government unilateral transfers, which had the same statistical effect upon the net foreign investment figure as a rise in imports (or a reduction of exports). The drain on foreign gold and dollar reserves, which had slackened sharply in the first quarter, was temporarily renewed (although by no means to the 1947 level) pending full-scale operation of the European Recovery Program. This shift in foreign countries' means of financing imports from the United States was occasioned primarily by reduced disbursements of Government loans.

In interpreting changes in net foreign investment between 1947 and 1948, an important alteration in the form of U. S. Government assistance should be borne in mind. Last year, American aid consisted predominantly of loans, and expenditure of the proceeds of such loans by foreigners for our exports entered gross national product under the heading of net foreign investment. This year, on the other hand, direct assistance in the form of grants will predominate, and these are reflected in the gross national product as Government expenditures. In the computation of the balance of international payments, the recording of unilateral transfers representing such direct aid offsets a corresponding amount of exports, and thus eliminates that amount from net foreign investment. It is apparent, then, that a shift from foreign investment to Government expenditures may transpire without a significant change in the actual net international flow of goods and services. To a considerable degree, this has been, in fact, the nature of the decline in net foreign investment in 1948.

The aggregate Government component of gross national product accelerated its slow climb from the postwar low

reached in the initial quarter of 1947. The advance of 2.7 billion dollars recorded for the 3 months ending in June 1948 is the most marked in this series of increments, but the appearance is partially misleading. The real turn in Federal expenditures (on a gross basis) came in the first quarter, when the downward drift prevalent in 1947 was reversed, principally by a swelling of interim aid to Europe. This development was obscured in the Government total by a sharp temporary jump in the volume of foreign surplus-property sales netted out.

A similarly marked, but inverse, movement of Government sales abroad in the second quarter accounted for well over half a billion dollars of the increase in net Federal purchases. Even on a gross basis, however, the commencement of operations by the Economic Cooperation Administration, along with continuation of interim aid, brought an increment in excess of the first quarter's, and the amount may be expected to move further upward as European aid and the expanded rearmament program reach their scheduled volume in the latter half of 1948. As noted more fully in the commentary on net foreign investment, the expansion of Federal outlays for goods and services this year reflects in large measure the switch in financing of European aid from loans to grants, rather than a change in over-all foreign assistance.

State and Local Government Expenditures

State and local government purchases resumed the rise almost continuously evident since the end of the war. The expansion had been interrupted in the first quarter by a decline in public construction occasioned by adverse weather conditions and materials shortages. In the more recent period, however, state and local construction, especially of highways, accounted for the bulk of the advance in non-federal government expenditures.

Flow of Income Increasing

In the absence of data on corporate profits, no national-income estimate for the second quarter is yet available. Such developments as are noteworthy in its components, other than corporate profits, are touched upon below in the framework of the personal-income concept.

Total personal income increased slightly from the first to the second quarter of 1948. The increase was concentrated in farm income, which, as measured in the personal-income series, rose nearly 1 billion dollars at an annual rate. Absence of seasonally-adjusted quarterly data measuring inventories of crops and livestock held on farms prevents exact measurement of quarterly variations in farm income, but the general character of the upward movement is clear. Both the large volume of production and the recovery of prices after the February break contributed to high agricultural income.

Wage and salary receipts did not show any appreciable increase between the first and second quarters. This was primarily due to a continuous decline of some magnitude from January through April in the commodity-producing industries. During the early months of the year, slackening employment underlay this movement, but it was intensified by labor-management disputes and attendant fuel and material shortages in April and May. By June, however, settlement of these disputes with increased wage rates had lifted wages and salaries above the first-quarter average. Thus, in the absence of significant changes in employment or further major labor-management difficulties, the newly negotiated rates will be more fully reflected in higher wage and salary receipts in the second half of the year.

Dividends and rental income were stable in the second quarter, and interest remained very nearly so, showing only an insignificant rise. Nonfarm proprietors' income increased

less than half a billion dollars, while transfer payments exhibited a decline of little consequence.

Despite the relative stability of personal income, an important increase in disposable income occurred during the second quarter. This major development took place chiefly by virtue of the reduction in rates of Federal income-tax withholding in May. It is estimated that an annual rate of about 2 billion dollars was put at the disposition of consumers in the second quarter by the operation of the new tax law. Since, however, the results anticipated from a full year's operation under its provisions are by no means fully reflected in the second-quarter estimates, an examination of its expected impact in the near future may be of interest to many readers.

Effect of Reduced Taxes on Income

Throughout the following commentary, it should be remembered that in the disposition-of-income statistics, personal taxes are counted on a collections rather than a liability basis. As a result of this concept, the ultimate effects of the new Federal tax rates will be felt only in staggered fashion over a considerable period of time.

The first and most immediate reflection is in withholdings, which account for more than half of Federal income-tax collections. In this area the new rates became effective at once for wage and salary payments made after April 30. At the current level of personal income, the resultant reduction in withholding-tax collections at annual rates is estimated at approximately 3 billion dollars. Continuation of collections at the old rates during April, however, restricted the second-quarter decline by one-third. The full amount, of course, will be apparent in the third quarter.

Nonwithholding Federal income taxes fall into three broad groups, of which only one will be affected at all in 1948 by the recent rate change.

First, we may mention back taxes. This group, defined by the Treasury to include only taxes more than a year overdue, constitutes a relatively small portion of the total. These collections are at a fairly stable level determined by prior years' liabilities, and are completely unaffected by the new law.

Secondly, there is a large volume of end-of-year settlements, related to the previous year's income and computed at the old rates. In the calculation of seasonally-adjusted personal taxes, these are spread evenly through the calendar year of collection; hence the new law will not affect them until 1949.

Finally, there are the quarterly declaration payments, due in March, June, September, and January for the first, second, third, and fourth quarters, respectively. The January instalment may also include final settlement of the year's liability, and is subject to the considerations outlined above for end-of-year payments, i. e., that collections are governed by prior-year income and tax rates. Since, for 1948, the March declaration payment fell due before passage of the tax bill, only the June and September instalments are potentially subject to the influence of the recent rate reduction. If all taxpayers complied quite literally with the regulations regarding quarterly instalments, and if all were able and willing to estimate accurately their incomes for the year, a pronounced impact of the new legislation upon this tax category would be apparent in the estimated annual rates for the second quarter. The decline under these circumstances would have exceeded the effects of rate reduction, due to permissible credits for overpayment in March. As a matter of fact, however, taxpayers in the aggregate have consistently underestimated their liabilities in making quarterly declarations, as is attested by the very large volume of end-of-year settlements. Except on the unlikely hypothesis

that the systematically adjusted their underestimates in proportion to the rate change when filing June returns, no very material drop could be expected in this group for the remainder of 1948. Accordingly, only a modest allowance has been made in the second-quarter estimates for reduced nonwithholding income-tax collections. This condition will persist in the third and fourth quarters of this year, but the full reduction—an additional amount probably not far from 2 billion dollars—will be felt in 1949 when final settlements are being made at the lower rates.

Moreover, the volume of refunds netted out of personal taxes next year is expected to be particularly large, due to overwithholding in the first 4 months of 1948. The result will be to exaggerate the impact of reduced rates, the income-splitting privilege, and increased exemptions, beyond that contemplated for a normal full year's operation of the new law.

The staggered effects of Federal income-tax revision upon our personal-tax series, then, may be summarized as follows: (1) In the second quarter of this year, personal taxes reflected two-thirds of the estimated withholding reduction, but only a small fraction of the ultimate decline in nonwithholding collections. (2) The situation with respect to the latter

group will not change in the second half of 1948, but the full drop in withholding will then become apparent. (3) Beginning with the first quarter of 1949, the entire reduction in other-than-withholding payments will be reflected for the first time, as end-of-year settlements are made under the new law, and all the effects of a lower tax structure will be reinforced by abnormally large refunds.

Each of these declines in personal taxes must, of course, exercise an opposite influence upon disposable personal income. The increase in the latter measure thus induced in the second quarter of 1948 somewhat outweighed the concomitant increment resulting from the rise in personal income before taxes. It is expected that disposable income will be further bolstered by effects of the tax cut in the third quarter and again—more pronouncedly—at the beginning of 1949.

The second quarter pick-up in consumption expenditures was slightly more than offset by the swelling of funds at the disposition of consumers, with the result that personal saving edged up. The fact that saving has been maintained at a slightly higher ratio to disposable income for two quarters of 1948 than in the second half of last year seems to confirm the suggestion made in the May SURVEY that the postwar downdrift in this ratio has ceased.

Trend of Manufactures

MANUFACTURING production edged higher during the first half of 1948. The rate of advance, after full allowance for seasonal influences, was probably the slowest for any 6-month period since the postwar uptrend began; likewise, there were fewer industries reporting gains in output this year than in previous periods and more where downward adjustments were recorded. Nevertheless, the weight of evidence points to a net improvement in the flow of supplies to businesses and consumers. It is apparent that additional industries have been added to the list of those which have worked off demand backlogs, while at the same time some industries have staged a renewed upturn after experiencing an earlier setback.

Production alone, however, does not tell the full story. The quality of goods manufactured in the past 12 months has undoubtedly shown improvement. Moreover, the consumer is currently finding some previously scarce goods more readily available and with more choice in variety—both factors are real in terms of consumer desires but are not subject to quantitative measurement. Thus, while it appears that production gains have been small, comparison with previous periods should take into account the above and other intangible factors which are not directly measurable in any over-all production index.

The magnitude of the gain in manufacturing output is difficult to measure, although it is known to have been small in the recent period. For the past 18 months or more there has been virtually no slack in the use of the nation's productive capacity and in raw materials supplies. In general, the further additions to output may be traceable to the accumulated benefits resulting from the improvement in the flow of raw materials, the substantial investment in new plant and equipment, larger employment, and its more effective utilization.

Irregular Upward Movement

During the past year and a half, when industrial output was increasing at a considerably slower rate than in 1946, there have been periodic interruptions of the upward movement. For the most part these interruptions have been localized and associated with work stoppages and with instances where the consumption of raw materials has temporarily outdistanced the production of new supplies. The only period when there was any general hesitation in

activity was in the second quarter of 1947, when a faltering in the rate of buying by business concerns was translated into lower production in some manufacturing industries. After the summer shut-downs, the productive curve turned upward, reaching a high rate in late 1947 and since then it has held close to that level.

Relative Stability in Recent Months

The accompanying table shows the movement of manufacturing production since the final quarter of last year. On the whole, the results for the first quarter of 1948 were somewhat better than seasonal expectations; on the other hand, the second quarter turned in a less-than-seasonal performance largely because of the 4-week work stoppage at bituminous coal mines and the resultant curtailment in the rate of steel operations. Most of the increase in output from the second half of 1947 to the first half of 1948 is traceable to the third-to-fourth-quarter advance rather than to any important gain subsequent to the fourth quarter.

Contrasting Production Patterns

It is difficult to generalize about the pattern of production in individual industries during the 3 years since VJ-day because there has been considerable variation. The indexes of output assembled in chart 5 provide one method of illustrating this variation. In each case the production series has been converted to an index with the highest quarterly

Table 4.—Manufacturing Production

[Seasonally adjusted indexes, 1935-39=100]

| Period | Total manufactures | Durable manufactures | Nondurable manufactures |
|---------------------|--------------------|----------------------|-------------------------|
| 1946: | | | |
| First quarter..... | 163 | 162 | 165 |
| Second quarter..... | 173 | 186 | 162 |
| Third quarter..... | 182 | 207 | 162 |
| Fourth quarter..... | 190 | 213 | 172 |
| Year..... | 177 | 192 | 165 |
| 1947: | | | |
| First quarter..... | 197 | 223 | 176 |
| Second quarter..... | 192 | 220 | 170 |
| Third quarter..... | 188 | 211 | 168 |
| Fourth quarter..... | 198 | 225 | 176 |
| Year..... | 193 | 220 | 172 |
| 1948: | | | |
| First quarter..... | 200 | 228 | 178 |
| Second quarter..... | p 197 | p 220 | p 178 |

pPreliminary.

Source: Board of Governors of the Federal Reserve System.

production in the postwar period equal to 100. This method of presentation facilitates comparisons of the current position of various industries relative to their best postwar performance.

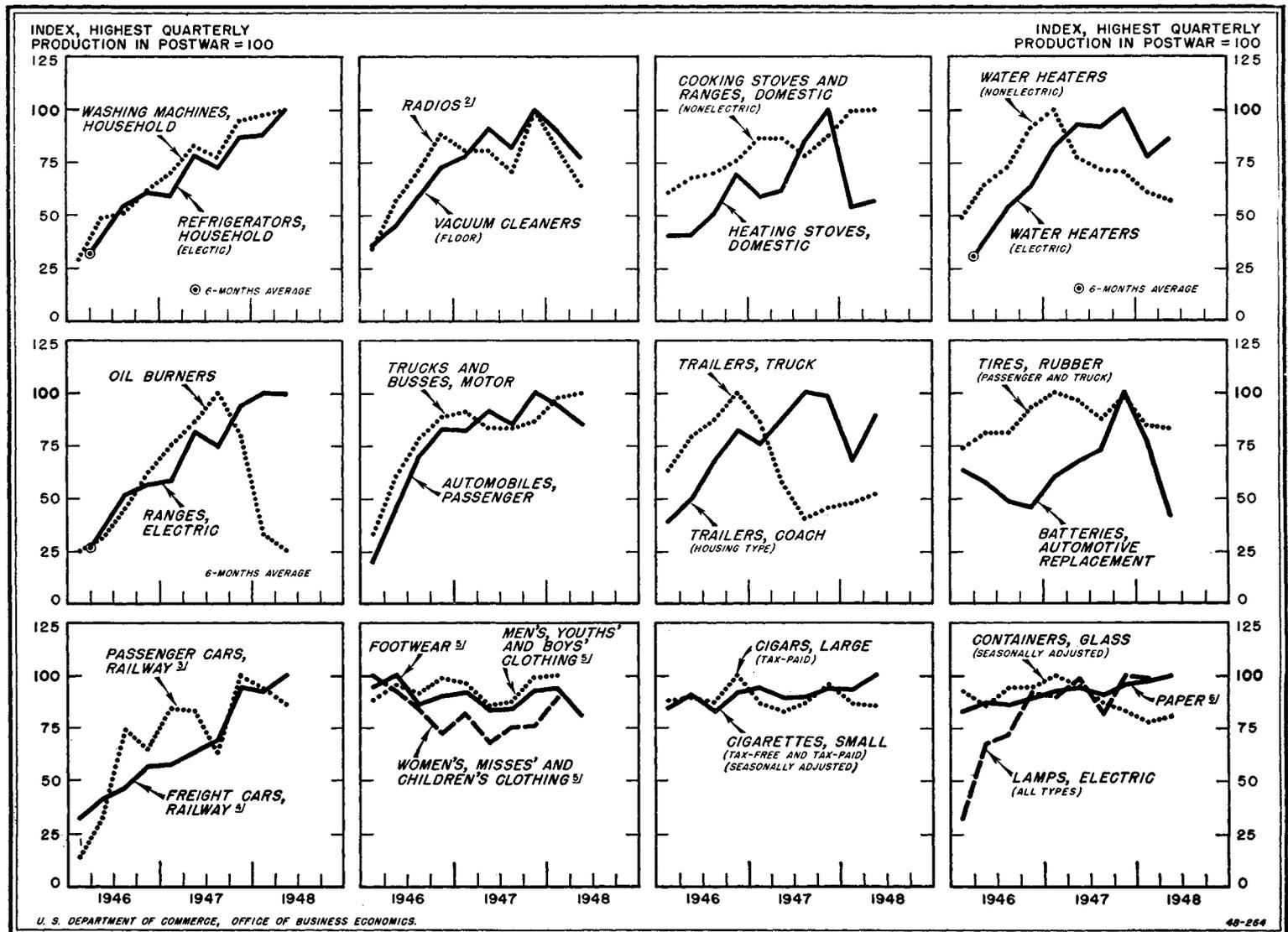
Once postwar reconversion had been achieved, industry after industry reached new production marks. Some have then receded to lower rates of output but, on the whole, the industries where manufacturing activity either has been sustained at or close to peak rates, or is still rising to the extent permitted by available materials, are far more important in terms of production than the industries which have shown appreciable declines. This accounts for the continued uptrend in production which has already been described.

Of the 26 manufactured products covered in the chart, the first to reach its postwar high mark was women's, misses',

and children's clothing. Output of this class of clothing was highest in the initial quarter of 1946—even after allowance for seasonal influences. Footwear was next to reach its postwar peak—which came in the June quarter of that year, normally a seasonally low period—and two additional products, truck trailers and cigars, turned in their highest output to date in the final quarter of 1946.

New postwar production records were successively made by other products—automobile tires, nonelectric water heaters, and glass containers in the first quarter of 1947, and oil burners and coach trailers in the third. A much larger group of commodities hit their best postwar marks in the final 1947 quarter when many industries were operating at seasonally high rates. It should be noted that some of the subsequent production declines were due to normal seasonal factors.

Chart 5.—Postwar Production Trends ¹



¹ Basic data represent production or shipments. Data for some products for the second quarter of 1948 include estimates for June by the U. S. Department of Commerce, Office of Business Economics.

² Include radio-phonograph combinations and television receivers.

³ Include a small number of cars delivered for export. Data do not include a large number of military cars which were produced in 1946.

⁴ Represents production of freight cars for domestic use and for export. The cars for export were converted to the equivalent domestic freight-car basis by assuming that two export cars were equal to one domestic car.

⁵ Data are weighted indexes. (See the SURVEY OF CURRENT BUSINESS, June 1947, p. 17.)

⁶ Excludes building board.

Sources: Indexes were computed by the U. S. Department of Commerce, Office of Business Economics; from basic data published by governmental and private agencies as follows: Washing machines, American Washer and Ironer Manufacturers' Association; refrigerators, electric ranges, and electric water heaters, National Electrical Manufacturers Association; radios, Radio Manufacturers Association; vacuum cleaners, Vacuum Cleaner Manufacturers Association; cooking stoves and ranges, heating stoves, nonelectric water heaters, oil burners, trailers, footwear, men's and women's clothing, paper, and electric lamps, U. S. Department of Commerce, Bureau of the Census; motor trucks and busses and passenger automobiles, Automobile Manufacturers Association; tires, Rubber Manufacturers Association; batteries, Association of American Battery Manufacturers, Inc.; railway cars, American Railway Car Institute; cigars and cigarettes, U. S. Treasury Department, Bureau of Internal Revenue; and glass containers, Glass Container Association.

For as many as nine of the products shown, however, the postwar uptrend in output has proceeded almost uninterruptedly through the first half of 1948. Included among these products are many of those produced in the reconversion industries where backlogs have been large—refrigerators, washing machines, electric ranges, nonelectric cooking stoves, railway freight cars, and trucks.

Passenger automobiles are in the position of having a large backlog of unsatisfied demand and of being unable, so far in 1948, to exceed the rate of output in the December quarter of last year when about 1 million cars rolled off the assembly lines. The availability of steel has been a chief factor in determining the rate of operations in the automobile industry and in other important metal-using industries such as railway-transportation equipment.

A few soft-goods industries also have been operating close to their postwar peaks in the most recent quarter. These included men's clothing, paper and products, and cigarettes. These products have been produced at a high rate throughout the postwar period.

Magnitude of Downward Adjustment

In some cases the adjustment of production schedules to a less intensive demand basis has involved a significant cut-back in the rate of operations. Oil burners provide an example of extreme change, since the output rate in the second quarter of 1948 was only one-fourth of the earlier peak rate. This reduction, however, reflects to a large extent the tightened fuel-oil supply situation. Declines in the neighborhood of 50 percent have been experienced in a few other durables such as truck trailers, heating stoves, and nonelectric water heaters.

The adjustment in rubber tires has been of much smaller magnitude. In the March and June quarters output was running at better than 80 percent of the peak quarterly volume of 25 million casings.

Similarly, shipments of glass containers have been tapering off since the first quarter of 1947 with output in the latest quarter representing 80 percent of its earlier high. To some extent, renewed competition from metal and paper containers and higher inventories in the hands of manufacturers account for the downturn in this industry.

The decline since late 1947 in the number of radio sets manufactured largely reflects, apart from seasonal factors, the drop in shipments of table models which has been in evidence for over a year and, more recently, in console models. At the same time, the number of television receivers produced has advanced sharply. In the third quarter of 1947 these receivers were being turned out at a rate of 18,000 units a month; in the quarter just ended, the monthly rate was up to about 60,000. When the various types of radio and television sets are combined into a weighted index of production, a considerably smaller decline is indicated.

Women's apparel is one of the lines where output has staged a moderate comeback. The latest production reports for this industry cover the first quarter of 1948 when operations were within 10 percent of the postwar peak. A year previous, production in terms of numbers of garments produced was running 20 percent below the peak quarter. These comparisons, however, are of numbers and do not allow for changes in the composition of the product or the amount of materials and workmanship involved.

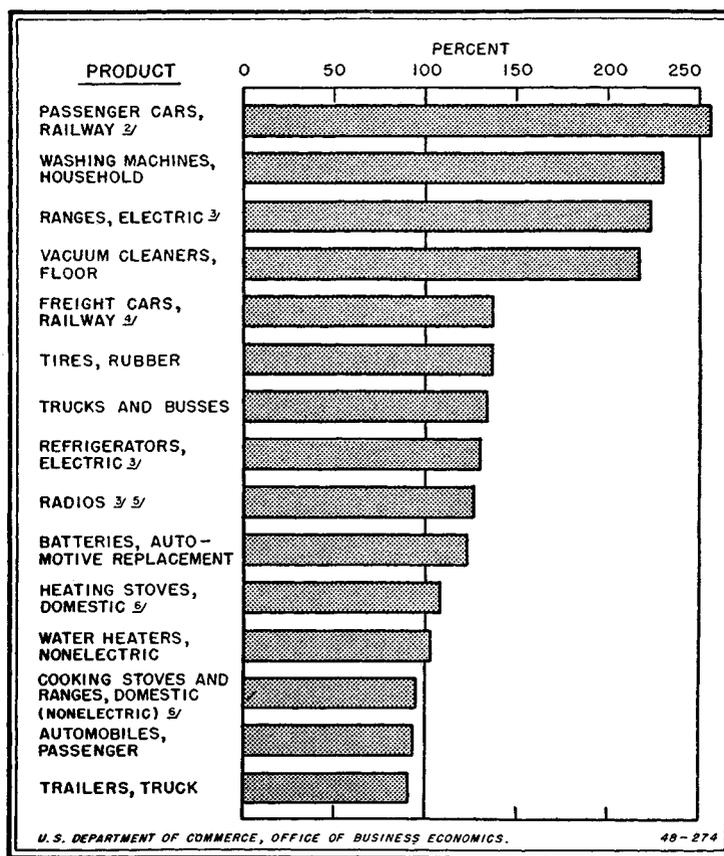
Comparison With Prewar Volume

Additional perspective on the present position of 15 important durable goods manufactured by the reconversion industries is provided by chart 6. This chart compares the rate of output in the first half of 1948 with the average monthly rate in 1941, which was generally the peak prewar year.

The recent rate of output for four of the products shown was more than double the prewar rate. For five others, the rate of increase ranged from 25 to 50 percent and for three others the increase was more moderate.

Output of passenger automobiles, truck trailers, and nonelectric cooking stoves in the first 6 months of the year was below the base period by a small margin. In the case of passenger cars it will be recalled that production was being curtailed in the latter part of 1941 to release resources for defense production.

Chart 6.—Production of Selected Manufactured Products: First Half of 1948 as a Percentage of 1941¹



¹ Percentages are based upon monthly averages of production or shipments for the periods. Basic data for some products for the first half of 1948 include estimates for June by the U. S. Department of Commerce, Office of Business Economics.

² Include a few cars delivered for export. Data do not include a small number of military cars which were produced in 1941.

³ Actual production figures were raised to represent 100 percent of the industry by the U. S. Department of Commerce on the basis of data furnished by the National Electrical Manufacturers Association and Radio Manufacturers Association.

⁴ Represents production of freight cars for domestic use and for export. The cars for export were converted to the equivalent domestic freight-car basis by assuming that two export cars were equal to one domestic car.

⁵ Include radio-phonograph combinations, but not television receivers.

⁶ Basic data for 1941 represent the fiscal year 1940-41.

Sources of basic data: The same as specified for the respective products shown in Chart 5.

State Income Payments in 1947

INCOME payments to individuals in 1947 were of record dollar volume in every State.

The total income received by individuals in the continental United States as a whole increased 11 percent from 1946 to 1947—from 171 billion dollars to 190 billions. In large measure this expansion reflected increases in rates of pay of wage-and-salary workers and in prices received by farm and nonfarm proprietors. These in turn stemmed from, and contributed to, the strong demand forces at work throughout the economy.

On a regional basis, the largest relative gains in total income payments from 1946 to 1947 occurred in the Northwest (20 percent), Southwest (15 percent), and Central States (12 percent). The 7-percent rise of individual incomes in the Far West was the smallest among the seven regions.

For the country as a whole, per capita income payments in 1947 were \$1,323. This was 9 percent above the 1946 average of \$1,213 and 16 percent higher than the average of \$1,145 for the peak war year 1944. In every region except the Far West per capita income in 1947 was appreciably higher than in 1946 and 1944. The 1947 average income of residents of the Far West was only 3 to 4 percent above these levels.

The accompanying map shows State estimates of per capita income payments for 1947. It reflects the high average incomes of the far West and Middle East. For each of these regions per capita income payments in 1947 are estimated at \$1,559, nearly one-fifth above the national average. Also clearly indicated by the map is the concentration of low-income States in the Southeast and Southwest. Although, as shown in table 5, the Southern States since 1929 have considerably improved their per capita incomes in relation to the national average, all 15 of them, along with West Virginia of the Middle Eastern region, are grouped at the lower end of the array of all States in respect to size of per capita income. The Southeast's 1947 per capita income was one-third below the national average and two-fifths below the composite average for the other six regions. The per capita income of the Southwest was one-fifth below the Nation-wide average.

A new feature revealed by the 1947 data is that for most Northwestern States per capita incomes approached or exceeded the national average. The 1946-47 gain of one-fifth scored by this primarily agricultural region raised its average income to a point 4 percent above the average for the country as a whole. The Northwest's per capita income was one-fifth below the national average in both 1929 and 1940. Among the Northwestern States, North Dakota's record is particularly noteworthy. There a remarkable 42 percent increase in per capita income payments from 1946 to 1947 advanced the State to third place in the per capita income array.

This article continues the series of reports on State income payments which have been published annually in the *SURVEY*. It presents State estimates of total and per capita income payments for 1947. Also included are revisions of the estimates of total income payments for 1946 which were published last year. The revisions represent the incorporation of better and more complete statistical data. To take account of recent revisions of the State estimates of population made by the Bureau of the Census, the estimates of per capita income have been revised back through 1941. For convenience, the estimates of both total income and per capita income are published here for all years of the 1929-47 period. They are shown in tables 6 and 7, respectively.

The text of this article is devoted principally to an analysis of the changes in State income payments that have occurred since the war. An article scheduled for publication in the September issue of the *SURVEY* will cover the long-term trends.

The subject matter of the present analysis is mainly threefold: (1) the factors underlying changes in the State distribution of income from 1946 to 1947; (2) the nature of developments indicated by a comparison of the State distributions of income payments in 1944 and 1947; and (3) the significance of these recent-period changes in State income payments. The discussion of these topics is restricted to brief compass, but a number of statistical tables are presented to facilitate more detailed analysis.

The appended section on Technical Notes contains a brief statement defining State income payments and outlining the general methodology and sources of data used in the preparation of the State income estimates. Particular attention is called to the explanation of the status of the State-income-payments series in relation to the new national-income-and-product series published in the special National Income Supplement to the July 1947 *SURVEY* and in the July 1948 *SURVEY*.

State Income Changes From 1946 to 1947

Data in table 1 reveal marked differences among the States and regions in respect to percentage change in total income payments from 1946 to 1947. Particularly to be noted, in relation to the Nation-wide income rise of 11 percent, are the strikingly large income gains (from 16 to 43 percent) scored by several of the Northwestern and Southwestern States.

Wide differences among the States in rate of change in agricultural income were the principal factor underlying changes in the State distribution of income from 1946 to 1947. In comparison with a 9-percent rise nationally, farm income increased by one-half in the Southwest and more than one-third in the Northwest. But in the Central States,

NOTE.—Mr. Schwartz and Mr. Graham are members of the National Income Division, Office of Business Economics.

far West, and Middle East, agricultural income declined from 1946 to 1947.

These regional data, moreover, conceal the extremely wide State-by-State differences in the 1946-47 relative changes in farm income. In the Northwest, for example, farm income expanded about two-thirds in North Dakota, Kansas, and Colorado but showed no increase in Nebraska. In the Southeast, the regional farm-income rise of 7 percent from 1946 to 1947 was a composite of such sharply differing changes as Mississippi's increase of one-half, Alabama's increase of one-fifth, and actual declines in Arkansas, Florida, and the Carolinas. In the important farm States of Iowa, Missouri, and California, farm income in 1947 was appreciably lower than in 1946.

Following are the main developments reflected by the wide geographic differences in rates of change in farm income from 1946 to 1947:

1. There was a sharp increase (nearly two-fifths) in cotton production over the small 1946 crop. Cotton production increased in most Southern States last year, with exceptionally large gains occurring in Texas and Mississippi. On the other hand, there were declines in Arkansas and South Carolina.

2. The value of wheat production in 1947 was nearly half again as large as in 1946. The volume of wheat produced substantially exceeded the previous record crop of 1946, while wheat prices received by farmers advanced sharply over the 1946 average. Expanded value of wheat production was the main factor swelling farmers' net incomes throughout the Northwestern region, particularly in Kansas,

North Dakota, South Dakota, and Colorado. But it was of considerable importance also in certain States outside the Northwest, notably the large wheat-producing States of Texas and Oklahoma.

3. Because of adverse weather conditions, the 1947 corn crop was one-fourth smaller than the record crop of 1946. With an increase of about one-half in average prices received by farmers, the value of the Nation's corn production in 1947 was 7 percent above the previous year. However, the value of last year's output was one-fifth smaller in Iowa, slightly smaller in Missouri and Nebraska, and no larger in South Dakota.

4. Farm production of meat animals in 1947 was little changed from 1946. Prices, however, moved up sharply after the removal of price controls in 1946 and for 1947 averaged one-third higher than in the previous year. The influence of higher meat-animal prices on farmers' aggregate net income was greatest, of course, in the Central and Northwestern States. In a number of them, but mainly Iowa and Missouri, expanded income from the production of meat animals served as a partial offset to the reduction in income stemming from sharply decreased corn production.

5. There were numerous developments having a more localized effect on net farm income in 1947 than those sketched above. Brief mention may be made of the large drop in fruit prices from 1946 to 1947, which substantially reduced agricultural income in California and Florida, and of the sizable declines in the value of tobacco production in North Carolina and South Carolina.

Per Capita Income Payments to Individuals, 1947

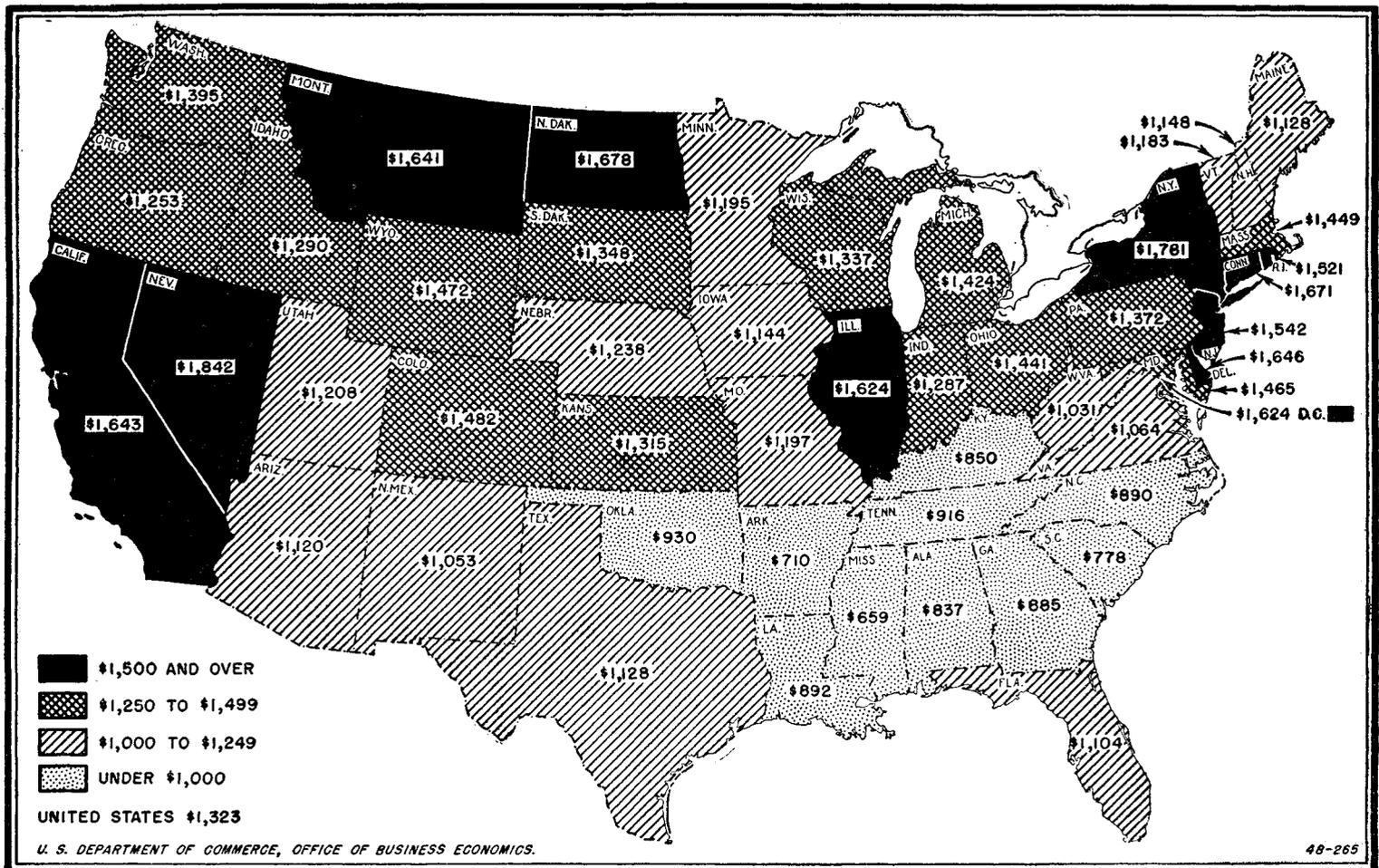


Table 1.—Percent Distribution of, and Relative Changes in, Total Income Payments, by States and Regions, Selected Years, 1929-47¹

| State and region | Percent distribution | | | | | Percent change | | | |
|--------------------------------|----------------------|--------|--------|--------|--------|----------------|--------------|--------------|--------------|
| | 1929 | 1940 | 1944 | 1946 | 1947 | 1940 to 1947 | 1944 to 1947 | 1944 to 1946 | 1946 to 1947 |
| Continental United States..... | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | +150 | +25 | +13 | +11 |
| New England..... | 8.22 | 8.07 | 7.08 | 7.05 | 6.95 | +115 | +23 | +13 | +9 |
| Connecticut..... | 1.77 | 1.87 | 1.79 | 1.69 | 1.74 | +133 | +22 | +6 | +14 |
| Maine..... | .54 | .57 | .57 | .54 | .53 | +132 | +16 | +6 | +9 |
| Massachusetts..... | 4.58 | 4.36 | 3.60 | 3.69 | 3.53 | +103 | +23 | +16 | +6 |
| New Hampshire..... | .37 | .35 | .28 | .32 | .32 | +128 | +46 | +31 | +12 |
| Rhode Island..... | .70 | .67 | .64 | .59 | .60 | +122 | +18 | +6 | +12 |
| Vermont..... | .26 | .25 | .20 | .22 | .23 | +132 | +42 | +26 | +12 |
| Middle East..... | 33.70 | 32.06 | 27.77 | 28.49 | 28.42 | +122 | +28 | +16 | +11 |
| Delaware..... | .26 | .31 | .27 | .25 | .25 | +100 | +19 | +8 | +10 |
| District of Columbia..... | .77 | 1.19 | 1.00 | 1.02 | .95 | +98 | +19 | +15 | +3 |
| Maryland..... | 1.34 | 1.61 | 1.68 | 1.59 | 1.55 | +140 | +16 | +8 | +8 |
| New Jersey..... | 3.96 | 4.14 | 3.83 | 3.64 | 3.55 | +115 | +16 | +7 | +8 |
| New York..... | 17.53 | 15.60 | 12.76 | 13.60 | 13.50 | +117 | +33 | +21 | +10 |
| Pennsylvania..... | 8.88 | 8.21 | 7.33 | 7.43 | 7.60 | +132 | +30 | +15 | +13 |
| West Virginia..... | .96 | 1.00 | .90 | .96 | 1.02 | +155 | +42 | +21 | +17 |
| Southeast..... | 10.51 | 11.92 | 14.20 | 13.79 | 13.56 | +184 | +20 | +10 | +9 |
| Alabama..... | .97 | 1.00 | 1.28 | 1.22 | 1.25 | +211 | +22 | +8 | +13 |
| Arkansas..... | .68 | .65 | .74 | .78 | .72 | +175 | +21 | +19 | +2 |
| Florida..... | .84 | 1.19 | 1.57 | 1.44 | 1.36 | +186 | +19 | +4 | +4 |
| Georgia..... | 1.16 | 1.30 | 1.55 | 1.48 | 1.46 | +182 | +17 | +7 | +10 |
| Kentucky..... | 1.17 | 1.16 | 1.21 | 1.27 | 1.25 | +169 | +30 | +19 | +9 |
| Louisiana..... | 1.04 | 1.12 | 1.32 | 1.19 | 1.20 | +168 | +13 | +2 | +11 |
| Mississippi..... | .66 | .58 | .79 | .70 | .73 | +211 | +16 | +1 | +15 |
| North Carolina..... | 1.17 | 1.49 | 1.66 | 1.77 | 1.72 | +191 | +31 | +20 | +9 |
| South Carolina..... | .53 | .72 | .84 | .82 | .80 | +178 | +20 | +11 | +8 |
| Tennessee..... | 1.10 | 1.22 | 1.51 | 1.49 | 1.49 | +205 | +24 | +12 | +11 |
| Virginia..... | 1.19 | 1.49 | 1.71 | 1.63 | 1.58 | +165 | +15 | +8 | +7 |
| Southwest..... | 5.03 | 5.15 | 6.11 | 5.80 | 6.03 | +193 | +24 | +7 | +15 |
| Arizona..... | .30 | .31 | .38 | .37 | .38 | +204 | +24 | +8 | +14 |
| New Mexico..... | .19 | .25 | .28 | .29 | .30 | +203 | +37 | +17 | +17 |
| Oklahoma..... | 1.31 | 1.09 | 1.20 | 1.11 | 1.12 | +156 | +17 | +5 | +12 |
| Texas..... | 3.23 | 3.50 | 4.25 | 4.03 | 4.23 | +202 | +25 | +7 | +16 |
| Central..... | 29.32 | 28.56 | 27.64 | 28.08 | 28.30 | +148 | +29 | +15 | +12 |
| Illinois..... | 8.52 | 7.57 | 6.79 | 7.08 | 7.19 | +138 | +33 | +18 | +13 |
| Indiana..... | 2.27 | 2.45 | 2.60 | 2.57 | 2.60 | +166 | +26 | +12 | +12 |
| Iowa..... | 1.63 | 1.63 | 1.45 | 1.72 | 1.56 | +140 | +35 | +35 | +1 |
| Michigan..... | 4.29 | 4.51 | 4.74 | 4.35 | 4.55 | +152 | +21 | +4 | +16 |
| Minnesota..... | 1.75 | 1.88 | 1.59 | 1.82 | 1.82 | +142 | +43 | +30 | +10 |
| Missouri..... | 2.67 | 2.52 | 2.39 | 2.55 | 2.46 | +144 | +29 | +21 | +7 |
| Ohio..... | 5.95 | 5.86 | 5.90 | 5.76 | 5.83 | +149 | +24 | +10 | +12 |
| Wisconsin..... | 2.24 | 2.14 | 2.18 | 2.23 | 2.29 | +168 | +32 | +16 | +14 |
| Northwest..... | 4.75 | 4.44 | 4.95 | 4.95 | 5.35 | +202 | +36 | +13 | +20 |
| Colorado..... | .77 | .78 | .76 | .82 | .89 | +188 | +48 | +22 | +21 |
| Idaho..... | .28 | .31 | .35 | .35 | .36 | +192 | +28 | +13 | +14 |
| Kansas..... | 1.20 | 1.00 | 1.30 | 1.16 | 1.33 | +234 | +28 | +2 | +26 |
| Montana..... | .39 | .42 | .35 | .39 | .42 | +150 | +52 | +27 | +20 |
| Nebraska..... | .92 | .75 | .86 | .86 | .84 | +179 | +22 | +14 | +8 |
| North Dakota..... | .32 | .31 | .37 | .37 | .48 | +283 | +63 | +14 | +43 |
| South Dakota..... | .35 | .32 | .36 | .39 | .41 | +222 | +42 | +21 | +17 |
| Utah..... | .33 | .35 | .42 | .41 | .41 | +192 | +22 | +10 | +11 |
| Wyoming..... | .19 | .20 | .18 | .20 | .21 | +158 | +46 | +25 | +16 |
| Far West..... | 8.47 | 9.80 | 12.25 | 11.84 | 11.39 | +191 | +17 | +10 | +7 |
| California..... | 6.31 | 7.39 | 8.91 | 8.86 | 8.51 | +188 | +20 | +13 | +6 |
| Nevada..... | .09 | .12 | .14 | .14 | .13 | +178 | +24 | +16 | +7 |
| Oregon..... | .73 | .84 | 1.08 | 1.02 | 1.02 | +206 | +18 | +7 | +10 |
| Washington..... | 1.34 | 1.45 | 2.12 | 1.82 | 1.73 | +199 | +3 | -3 | +5 |

¹ Computed from data shown in table 6.

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

Changes in Nonagricultural Income

In contrast to the varying geographic movements in farm income from 1946 to 1947, changes in nonagricultural income fell within relatively narrow scope. In all seven of the regions and in nearly three-fourths of the States, income payments from nonagricultural sources increased from 1946 to 1947 within the range of 8 to 14 percent.

It is thus clear (as summarized for the regions in chart 1) that a very substantial part of the irregularity of geographic income-shifts from 1946 to 1947 can be traced to farm income. An additional part of the irregularity stemmed from the differential effects of various types of government income payments on the State and regional income flows. For example, the further reduction in military payments from 1946 to 1947 (from 6 billion dollars to 2 billions on a national basis) quite significantly dampened the rise of income payments in the Southeastern and Southwestern States. Moreover, the Nation-wide decline in Federal civilian pay rolls last year had by no means a uniform effect when translated to a State basis—its substantially depressive influence on income payments in the District of Columbia furnishing a singular example. Also included among the more obvious of the "irregular" governmental income flows are the disbursements in a number of States in either 1946 or 1947 of State government bonuses to veterans of World War II.

These States are Massachusetts, Connecticut, Rhode Island, New Hampshire, Vermont, Michigan, and Illinois.

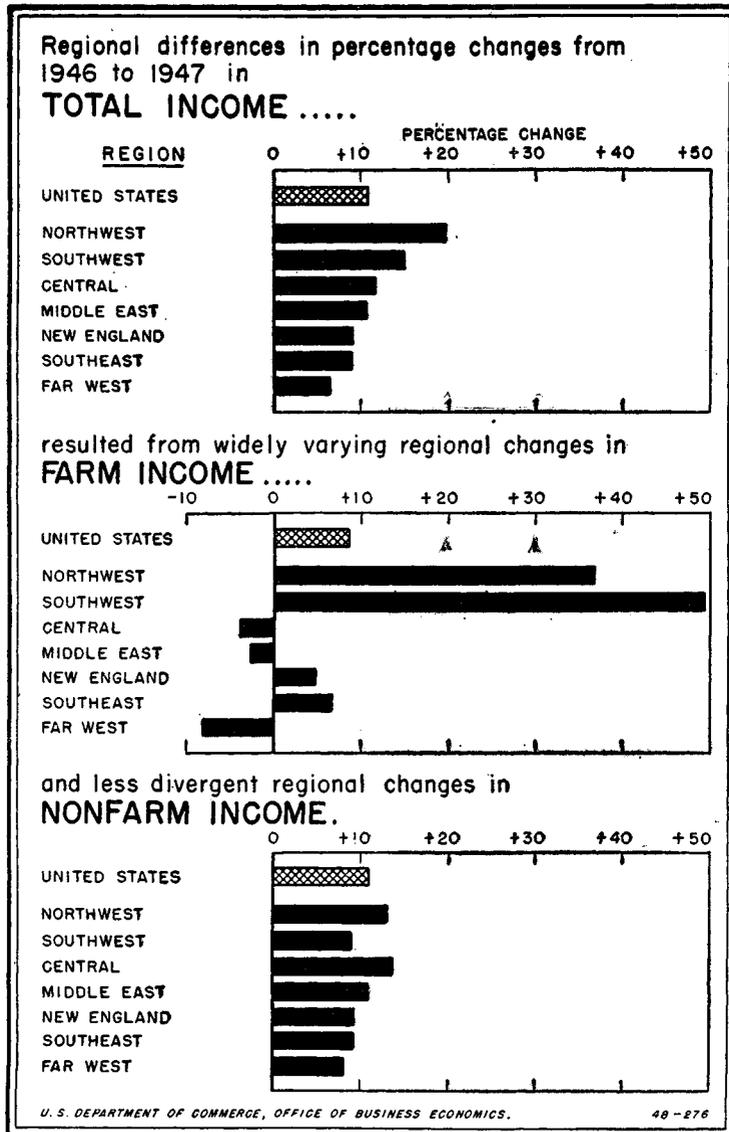
Because of the considerable measure of irregularity in governmental income flows, the analysis of factors which underlay changes in the State distribution of income payments from 1946 to 1947 is focused next on the significant category of private nonagricultural income payments. The percentage-change data in table 3 relating to this major segment of income payments eliminate from nonagricultural income the direct effects of all government income payments.

One of the facts revealed by these data is that in 10 of the 15 Southern States the 1946-47 rise in income flowing from private nonfarm sources matched or exceeded the Nation-wide increase. The less-than-average increases of these two regions in nonagricultural income are attributable to the curtailment of military payments.

The remaining columns of data in table 3 measure the percentage changes from 1946 to 1947 in income payments flowing from major industrial segments of the private nonfarm economies of each of the States. In general, these comprehensive measures of changes in regional economic activity reveal better-than-average performances by the Central, Northwestern, and Southern regions in 1947 and below-average performances by the far West and New England.

In view of the far West's long-term upward income trend, the region's less-than-average gain in 1947 is of particular interest. With Oregon furnishing a general exception to the regional pattern, the Far West sustained 1946-47 declines, relative to the national average, in respect to almost all major categories of income payments.

Chart 1.—Percentage Change in Income Payments, 1946 to 1947



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

War-to-Postwar Changes

Considerable interest and significance attach to a comparison of the war and postwar geographic distributions of income. As essential background for this comparison, table 2 summarizes for the country as a whole changes in the components primarily responsible for the marked fluctuations in total income payments since the war. The data presented in table 4 permit analysis by States and regions of the major changes in the levels and sources of income payments that occurred between 1944 and 1947. Included in the table, it will be noted, are data measuring the relative importance of "war" and "nonwar" manufacturing pay rolls in the 1944 income total and the rates at which they changed from 1944 to 1946. These data are requisite information to any

analysis of State and regional income changes during the period of transition from war to peace.

The sections immediately following summarize briefly for each region the principal economic developments since the war as reflected in the Department of Commerce estimates of income payments to individuals.

Table 2.—Income Payments to Individuals in Continental United States, 1944-47

[Billions of dollars]

| Item | 1944 | 1945 | 1946 | 1947 |
|-----------------------------------------------------|-------|-------|-------|-------|
| "War" manufacturing pay rolls ¹ | 28.2 | 22.8 | 17.8 | 21.2 |
| "Nonwar" manufacturing pay rolls ² | 14.0 | 14.7 | 17.9 | 20.9 |
| Military payments ³ | 11.4 | 12.8 | 6.1 | 2.3 |
| Agricultural income ⁴ | 13.4 | 14.0 | 16.8 | 18.2 |
| Trade and service income ⁵ | 31.5 | 35.1 | 45.5 | 50.6 |
| Veterans' pensions and benefits ⁶ | 7 | 1.4 | 4.7 | 6.7 |
| Federal civilian pay rolls ⁷ | 7.3 | 7.0 | 6.0 | 5.2 |
| All other income..... | 44.7 | 47.4 | 56.4 | 64.6 |
| Total income payments..... | 151.2 | 155.2 | 171.2 | 189.7 |
| Addenda: | | | | |
| Nonagricultural income..... | 137.8 | 141.2 | 154.4 | 171.5 |
| Government income payments ⁸ | 26.9 | 30.0 | 28.4 | 27.5 |
| Nonagricultural private income ⁹ | 110.9 | 111.2 | 126.0 | 144.0 |

¹ "War" manufacturing industries consist of chemicals and allied products, rubber products, iron and steel and their products, ordnance and accessories, transportation equipment (except automobiles), nonferrous metals and their products, electrical machinery, machinery (except electrical), and automobiles and automobile equipment.

² "Nonwar" manufacturing industries consist of food and kindred products, tobacco manufactures, textile-mill products, apparel and other finished fabric products, lumber and timber basic products, paper and allied products, printing and publishing, products of petroleum and coal, leather and leather products, stone, clay, and glass products, and miscellaneous manufacturing industries.

³ Include net pay of the armed forces stationed within the continental United States, mustering-out payments, family-allowance payments, and allotments of pay to individuals.

⁴ Includes net income of farm operators (including value of change in inventories of crops and livestock), farm wages, and net rents to landlords living on farms.

⁵ Includes wages and salaries (net of employee contributions to social insurance programs) and proprietors' income.

⁶ Include 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.

⁷ Include pay of civilian employees (net of their contributions to retirement funds) in the Federal service in the continental United States.

⁸ 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, interest payments to individuals, public assistance and other direct relief, veterans' pensions and benefits (see footnote 6 above), and benefit payments from social insurance funds.

⁹ Represents nonagricultural income minus Government income payments.

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

New England and Middle East

New England.—The 1944-47 expansion of total income in New England (23 percent) was slightly less than the Nation-wide advance (25 percent), but New England's 10 percent rise in per capita income, the smallest of any region except the Far West, was markedly less than the 16-percent increase recorded for the country as a whole.

Massachusetts' slightly below-average gain in total income from 1944 to 1947 stemmed chiefly from a lag behind the Nation-wide expansion in manufacturing from 1946 to 1947. The income advance in Massachusetts from 1944 to 1946 exceeded the national average. This was mainly because the State's large manufacturing industry, which had been less changed by the war than the manufacturing structures of most other industrial States, sustained only slight contraction in the transition period.

The less-than-average income advances from 1944 to 1947 in Maine, Connecticut, and Rhode Island are attributable primarily to the effects of contracted Federal war expenditures. These three States were among the 15 States in the Nation where income payments during the war were boosted most by Federal war expenditures—as measured by the increase from 1940 to 1944 in the percentage of all income received from war-industry pay rolls and military payments. The contraction of such spending had a considerably more-than-average effect on the postwar income flows of these States.

Table 3.—Percent Changes, 1946 to 1947, in Total Income Payments and Selected Components, by States and Regions

| State and region | Total income payments | Agricultural income ¹ | Non-agricultural income | Private non-agricultural income ² | Private non-agricultural pay rolls | Manufacturing pay rolls | Trade and service pay rolls |
|--------------------------------|-----------------------|----------------------------------|-------------------------|----------------------------------------------|------------------------------------|-------------------------|-----------------------------|
| Continental United States..... | +11 | +9 | +11 | +14 | +15 | +17 | +13 |
| New England..... | +9 | +5 | +9 | +12 | +11 | +12 | +12 |
| Connecticut..... | +14 | +5 | +14 | +14 | +14 | +16 | +13 |
| Maine..... | +9 | -3 | +10 | +13 | +13 | +12 | +13 |
| Massachusetts..... | +6 | +4 | +6 | +10 | +9 | +10 | +12 |
| New Hampshire..... | +12 | +17 | +12 | +13 | +13 | +13 | +15 |
| Rhode Island..... | +12 | +4 | +12 | +12 | +12 | +12 | +12 |
| Vermont..... | +12 | +15 | +12 | +14 | +13 | +10 | +18 |
| Middle East..... | +11 | -3 | +11 | +14 | +14 | +15 | +14 |
| Delaware..... | +10 | -4 | +11 | +14 | +14 | +15 | +16 |
| District of Columbia..... | +3 | ..... | +3 | +10 | +10 | +13 | +9 |
| Maryland..... | +8 | -4 | +8 | +13 | +13 | +10 | +15 |
| New Jersey..... | +8 | -5 | +9 | +12 | +12 | +12 | +15 |
| New York..... | +10 | -8 | +11 | +12 | +12 | +10 | +14 |
| Pennsylvania..... | +13 | +3 | +14 | +17 | +19 | +26 | +15 |
| West Virginia..... | +17 | +10 | +18 | +23 | +24 | +21 | +18 |
| Southeast..... | +9 | +7 | +9 | +15 | +16 | +18 | +14 |
| Alabama..... | +13 | +22 | +12 | +19 | +21 | +27 | +17 |
| Arkansas..... | +2 | -6 | +5 | +12 | +12 | +23 | +10 |
| Florida..... | +4 | -17 | +8 | +12 | +12 | +5 | +13 |
| Georgia..... | +10 | +21 | +8 | +13 | +14 | +14 | +14 |
| Kentucky..... | +9 | +2 | +10 | +16 | +18 | +21 | +16 |
| Louisiana..... | +11 | +26 | +10 | +16 | +18 | +23 | +12 |
| Mississippi..... | +15 | +51 | +4 | +10 | +11 | +10 | +11 |
| North Carolina..... | +9 | -1 | +12 | +17 | +17 | +19 | +17 |
| South Carolina..... | +8 | -8 | +12 | +17 | +19 | +25 | +13 |
| Tennessee..... | +11 | +9 | +11 | +15 | +14 | +12 | +19 |
| Virginia..... | +7 | +5 | +7 | +16 | +17 | +21 | +12 |
| Southwest..... | +15 | +50 | +9 | +14 | +15 | +19 | +11 |
| Arizona..... | +14 | +22 | +13 | +17 | +18 | +30 | +17 |
| New Mexico..... | +17 | +42 | +13 | +19 | +20 | +22 | +14 |
| Oklahoma..... | +12 | +30 | +8 | +12 | +13 | +16 | +10 |
| Texas..... | +16 | +60 | +9 | +14 | +14 | +19 | +11 |
| Central..... | +12 | -4 | +14 | +16 | +17 | +21 | +14 |
| Illinois..... | +13 | +4 | +13 | +15 | +16 | +19 | +14 |
| Indiana..... | +12 | +5 | +13 | +18 | +20 | +26 | +13 |
| Iowa..... | +1 | -24 | +15 | +18 | +19 | +25 | +18 |
| Michigan..... | +16 | +2 | +17 | +18 | +19 | +24 | +14 |
| Minnesota..... | +10 | +5 | +12 | +15 | +15 | +17 | +14 |
| Missouri..... | +7 | -13 | +10 | +13 | +14 | +17 | +13 |
| Ohio..... | +12 | -3 | +13 | +16 | +17 | +20 | +14 |
| Wisconsin..... | +14 | +7 | +15 | +17 | +19 | +22 | +15 |
| Northwest..... | +20 | +37 | +13 | +17 | +17 | +23 | +17 |
| Colorado..... | +21 | +64 | +14 | +17 | +18 | +23 | +19 |
| Idaho..... | +14 | +8 | +16 | +22 | +22 | +25 | +23 |
| Kansas..... | +26 | +69 | +12 | +14 | +14 | +19 | +15 |
| Montana..... | +20 | +32 | +15 | +18 | +19 | +26 | +19 |
| Nebraska..... | +8 | -1 | +11 | +14 | +15 | +22 | +16 |
| North Dakota..... | +43 | +72 | +16 | +19 | +19 | +21 | +21 |
| South Dakota..... | +17 | +19 | +16 | +20 | +20 | +24 | +20 |
| Utah..... | +11 | +21 | +10 | +18 | +20 | +38 | +14 |
| Wyoming..... | +16 | +18 | +16 | +19 | +18 | +26 | +17 |
| Far West..... | +7 | -8 | +8 | +11 | +11 | +14 | +9 |
| California..... | +6 | -12 | +8 | +11 | +11 | +11 | +8 |
| Nevada..... | +7 | +29 | +5 | +8 | +7 | +28 | +8 |
| Oregon..... | +10 | -4 | +13 | +15 | +15 | +24 | +14 |
| Washington..... | +5 | +1 | +6 | +11 | +12 | +16 | +11 |

¹ Includes net income of farm operators (including value of change in inventories of crops and livestock), farm wages, and net rents to landlords living on farms.

² Consists of total income payments minus agricultural income and government income payments (see footnote 8 to table 2 for definition of the latter).

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

Particularly noteworthy are the large postwar income advances of New Hampshire and Vermont. In the war period (from 1940 to 1944) income expansion in these two States was the smallest in the Nation, but after the war (from 1944 to 1947) their gains were among the seven largest. This sharply varying experience of New Hampshire and Vermont reflects the comparatively limited importance of war activities as a source of their war-period income growth. In New Hampshire, it may be noted, "nonwar" manufacturing pay rolls, which advanced sharply after the end of the war throughout the Nation, formed a very much larger proportion of 1944 total income than in any other State.

Middle East.—From 1944 to 1947 the Middle East's rise in total income exceeded the national average and its rise in per capita income equaled it. These movements were dominated by New York and Pennsylvania, which received about three-fourths of the region's 1947 total income of 54 billion dollars. These two States, together with West Virginia, increased their percentage shares of the Nation's income payments in the postwar period. In the other four States of the region, income expansion fell short of the national average.

The improvement in the relative income positions of New York, Pennsylvania, and West Virginia in the postwar period is due fundamentally to the less-than-average importance to them of direct war activities as a source of war-period income expansion. Although large in actual volume, factory pay rolls in New York and Pennsylvania expanded during the war at rates smaller than in any other large industrial State except Massachusetts.

The smallest 1944-47 income gains in the Middle Eastern region occurred in New Jersey and Maryland. During the war income payments in these two States were swelled to an unusual degree by war-industry pay rolls. New Jersey and Maryland are the only two States of the region in which total factory pay rolls in 1947 were of smaller volume than in 1944.

Southern and Central Regions

Southeast.—Aggregate individual incomes in the Southeast in 1947, amounting to 25.7 billions, were one-fifth larger than in 1944. That the postwar income rise of the Southeast was less than the one-fourth increase for the Nation as a whole can be traced to the decline of Government income payments in the region. In 1944, Government accounted for more than one-fourth of all income in the Southeast, with Federal civilian pay rolls and military payments bulking very large in the total. With the drastic curtailment of military payments and the significant, though lesser, contraction of Federal civilian pay rolls, total Government income payments in the region fell 21 percent from 1944 to 1947, in contrast with the 2-percent increase nationally. Over this period the expansion of private income payments in the Southeast was of markedly larger-than-average proportion.

Of considerable importance in the relatively large advance of private income payments in the Southeast from 1944 to 1947 was a 12-percent increase in factory pay rolls. This gain, in contrast with small increases or marked declines in other regions, reflects chiefly the lesser role of heavy industry in the Southeastern economy. Of the 11 Southeastern States, only in Florida and Louisiana, where the war-period expansion of manufacturing was largest, was the 1947 volume of factory pay rolls smaller than in 1944.

Southwest.—As in the country at large, the dollar total of income payments in the Southwest last year was one-fourth larger than in 1944. In this region, only Oklahoma experienced a war-to-postwar income rise significantly less than the national average.

The central fact about income movements in the Southwest since the war, relative to the national pattern, concerns the relatively severe effect on the area's income of the postwar drop in Federal civilian pay rolls and military payments. In this region, as in the Southeast, such Federal expenditures were a major element in the wartime rise of income payments. From 1944 to 1947, income from all sources other than government advanced by a markedly larger proportion in the Southwest than in the country as a whole.

Farm income contributed importantly to the comparatively sharp 1944-47 increase of private income payments in the region. It does not explain all of the increase, however, as income from private nonfarm sources advanced at a moderately higher rate in the Southwest than nationally. Nearly all of the region's three-fifths expansion in farm income from 1944 to 1947, it may be noted, occurred in the latter year. As pointed out earlier, farm income in the Southwest went up 50 percent from 1946 to 1947 chiefly by virtue of greatly expanded cotton production.

Most of the comprehensive measures of income change presented in table 4 indicate a distinctly different pattern between Oklahoma and the other States of the region. In most of these measures Oklahoma lagged appreciably. In

Table 4.—Selected Components of Total Income Payments, by States and Regions: Percent of Total Income in 1944 and Percent Change, 1944 to 1947

| State and region | Percent of total income payments in 1944 | | | | | | Percent change, 1944 to 1947 | | | | | | Percent change, 1944 to 1946 | | |
|--------------------------------|------------------------------------------|----------------------------------|---------------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|-----------------------------------------|--------------------------------------|----------------------------------|---------------------------------------------|---------------------------------------|------------------------------|-------------------------------------------|-----------------------------------------------|
| | Government income payments ¹ | Agricultural income ² | Trade and service income ³ | Manufacturing pay rolls | | | Total income payments | Government income payments ¹ | Private income payments ⁶ | Agricultural income ² | Private nonagricultural income ⁷ | Trade and service income ³ | Manufacturing payrolls | "War" manufacturing payrolls ⁴ | "Non-war" manufacturing payrolls ⁵ |
| | | | | Total | "War" industries ⁴ | "Non-war" industries ⁵ | | | | | | | | | |
| Continental United States..... | 17.8 | 8.9 | 21.0 | 28.2 | 18.8 | 9.4 | +25 | +2 | +30 | +36 | +30 | +61 | (⁸) | -37 | +28 |
| New England..... | 15.8 | 2.4 | 19.7 | 37.3 | 23.7 | 13.6 | +23 | +8 | +26 | +30 | +26 | +54 | +2 | -32 | +32 |
| Connecticut..... | 9.4 | 2.0 | 16.7 | 47.1 | 39.3 | 7.8 | +22 | +42 | +19 | +33 | +19 | +56 | -6 | -39 | +34 |
| Maine..... | 20.5 | 7.5 | 18.9 | 33.4 | 16.3 | 17.1 | +16 | -8 | +22 | +31 | +21 | +50 | -8 | -75 | +37 |
| Massachusetts..... | 17.6 | 1.4 | 21.3 | 34.0 | 19.6 | 14.4 | +23 | +1 | +28 | +36 | +28 | +54 | +6 | -29 | +31 |
| New Hampshire..... | 16.8 | 4.2 | 22.1 | 32.6 | 6.0 | 26.6 | +46 | +21 | +51 | +76 | +50 | +62 | +42 | +6 | +30 |
| Rhode Island..... | 20.5 | .8 | 18.4 | 37.4 | 21.1 | 16.3 | +18 | -4 | +23 | +29 | +23 | +46 | +8 | -33 | +34 |
| Vermont..... | 12.3 | 13.1 | 19.8 | 27.6 | 12.7 | 14.9 | +42 | +47 | +41 | +54 | +39 | +73 | +10 | -34 | +30 |
| Middle East..... | 16.4 | 2.2 | 22.6 | 30.5 | 18.8 | 11.7 | +28 | +10 | +32 | +35 | +32 | +60 | +6 | -32 | +30 |
| Delaware..... | 11.7 | 7.9 | 16.2 | 35.6 | 29.2 | 6.4 | +19 | -3 | +22 | +19 | +26 | +63 | +1 | -26 | +48 |
| District of Columbia..... | 54.2 | ..... | 23.2 | 2.3 | .1 | 2.2 | +19 | -1 | +40 | ..... | +40 | +45 | +42 | -19 | +30 |
| Maryland..... | 20.0 | 3.5 | 19.9 | 31.1 | 23.5 | 7.6 | +16 | -7 | +21 | +38 | +20 | +62 | -19 | -43 | +27 |
| New Jersey..... | 13.8 | 1.6 | 18.2 | 43.3 | 31.5 | 11.8 | +16 | +9 | +18 | +61 | +17 | +56 | -8 | -36 | +29 |
| New York..... | 14.9 | 1.9 | 26.4 | 27.3 | 13.2 | 14.1 | +33 | +13 | +36 | +23 | +36 | +60 | +9 | -31 | +28 |
| Pennsylvania..... | 14.7 | 2.6 | 19.6 | 34.0 | 23.5 | 10.5 | +30 | +13 | +33 | +38 | +33 | +63 | +13 | -28 | +32 |
| West Virginia..... | 14.7 | 4.8 | 16.9 | 20.7 | 13.0 | 7.7 | +42 | +25 | +45 | +67 | +44 | +72 | +29 | -9 | +32 |
| Southeast..... | 26.7 | 15.4 | 19.2 | 18.0 | 8.3 | 9.7 | +20 | -21 | +35 | +27 | +36 | +61 | +12 | -49 | +31 |
| Alabama..... | 23.9 | 13.4 | 18.6 | 23.5 | 15.2 | 8.3 | +22 | -9 | +32 | +40 | +30 | +59 | +3 | -46 | +30 |
| Arkansas..... | 25.3 | 26.3 | 20.4 | 10.0 | 3.0 | 7.0 | +21 | -17 | +34 | +18 | +43 | +59 | +18 | -72 | +26 |
| Florida..... | 33.2 | 11.5 | 22.2 | 12.7 | 8.2 | 4.5 | +19 | -35 | +30 | +11 | +34 | +55 | -35 | -78 | +34 |
| Georgia..... | 27.9 | 12.7 | 20.4 | 21.6 | 9.5 | 12.1 | +17 | -27 | +34 | +23 | +37 | +63 | (⁸) | -72 | +36 |
| Kentucky..... | 20.2 | 18.8 | 18.6 | 15.2 | 8.6 | 6.6 | +30 | +1 | +37 | +27 | +40 | +68 | +13 | -38 | +34 |
| Louisiana..... | 25.6 | 9.8 | 20.2 | 18.8 | 10.3 | 8.5 | +13 | -28 | +28 | +36 | +26 | +55 | -12 | -71 | +24 |
| Mississippi..... | 29.7 | 27.7 | 17.2 | 11.6 | 4.6 | 7.0 | +16 | -24 | +33 | +26 | +38 | +55 | +12 | -28 | +23 |
| North Carolina..... | 22.8 | 22.2 | 17.0 | 22.8 | 4.7 | 18.1 | +31 | -13 | +44 | +24 | +52 | +72 | +37 | -56 | +54 |
| South Carolina..... | 33.2 | 17.1 | 17.3 | 19.4 | 1.3 | 18.1 | +20 | -34 | +46 | +26 | +53 | +54 | +50 | -25 | +31 |
| Tennessee..... | 18.8 | 12.3 | 19.8 | 20.9 | 12.3 | 8.6 | +24 | +9 | +28 | +47 | +24 | +69 | +14 | -20 | +32 |
| Virginia..... | 34.0 | 10.2 | 18.7 | 15.3 | 7.8 | 7.5 | +15 | -27 | +37 | +30 | +38 | +53 | +24 | -23 | +28 |
| Southwest..... | 25.2 | 14.8 | 20.5 | 14.3 | 9.2 | 5.1 | +24 | -18 | +38 | +58 | +33 | +61 | -21 | -63 | +20 |
| Arizona..... | 29.6 | 14.0 | 21.1 | 10.1 | 6.9 | 3.2 | +24 | -20 | +43 | +44 | +42 | +71 | -32 | -76 | +13 |
| New Mexico..... | 34.9 | 19.9 | 18.7 | 2.9 | 1.2 | 1.7 | +37 | -23 | +69 | +54 | +75 | +86 | +126 | +126 | +55 |
| Oklahoma..... | 25.2 | 17.9 | 20.2 | 13.1 | 8.6 | 4.5 | +17 | -8 | +26 | +31 | +25 | +47 | -31 | -71 | +18 |
| Texas..... | 24.2 | 13.9 | 20.6 | 15.8 | 10.1 | 5.7 | +25 | -20 | +39 | +70 | +32 | +63 | -20 | -62 | +20 |
| Central..... | 12.8 | 9.0 | 20.1 | 36.1 | 27.4 | 8.7 | +29 | +26 | +29 | +35 | +28 | +62 | +2 | -28 | +25 |
| Illinois..... | 13.7 | 6.0 | 22.1 | 32.4 | 21.7 | 10.7 | +33 | +19 | +35 | +50 | +34 | +58 | +14 | -20 | +27 |
| Indiana..... | 12.2 | 9.2 | 18.2 | 40.9 | 32.7 | 8.2 | +26 | +7 | +28 | +56 | +25 | +67 | -1 | -32 | +21 |
| Iowa..... | 13.4 | 31.0 | 19.3 | 15.5 | 8.1 | 7.4 | +35 | +31 | +36 | +21 | +44 | +76 | +16 | -27 | +13 |
| Michigan..... | 10.9 | 4.7 | 18.2 | 50.1 | 44.5 | 5.6 | +21 | +56 | +16 | +28 | +16 | +45 | -7 | -32 | +30 |
| Minnesota..... | 13.6 | 19.7 | 22.0 | 20.8 | 11.4 | 9.4 | +43 | +48 | +42 | +45 | +42 | +69 | +5 | -38 | +24 |
| Missouri..... | 16.2 | 12.3 | 23.6 | 23.6 | 13.5 | 10.1 | +29 | +14 | +32 | +17 | +35 | +64 | +3 | -37 | +21 |
| Ohio..... | 12.3 | 4.4 | 18.8 | 41.6 | 34.1 | 7.5 | +24 | +16 | +25 | +36 | +25 | +62 | +1 | -26 | +28 |
| Wisconsin..... | 10.9 | 14.1 | 19.3 | 35.4 | 24.0 | 11.4 | +32 | +34 | +31 | +34 | +31 | +63 | +6 | -28 | +19 |
| Northwest..... | 19.8 | 27.7 | 18.6 | 10.7 | 6.3 | 4.4 | +36 | (⁸) | +44 | +56 | +38 | +71 | -9 | -58 | +20 |
| Colorado..... | 24.5 | 14.4 | 21.8 | 10.1 | 5.4 | 4.7 | +48 | +7 | +61 | +92 | +53 | +79 | +34 | -7 | +28 |
| Idaho..... | 22.8 | 32.7 | 17.4 | 6.3 | .5 | 5.8 | +28 | -24 | +44 | +22 | +60 | +81 | +57 | +46 | +24 |
| Kansas..... | 18.1 | 23.2 | 16.6 | 19.5 | 14.6 | 4.9 | +28 | -1 | +34 | +85 | +14 | +59 | -42 | -74 | +15 |
| Montana..... | 15.9 | 31.2 | 18.6 | 6.6 | 2.6 | 4.0 | +52 | +29 | +56 | +65 | +50 | +88 | +37 | -16 | +24 |
| Nebraska..... | 19.3 | 29.2 | 19.9 | 11.1 | 5.9 | 5.2 | +22 | -8 | +30 | +20 | +35 | +65 | -11 | -64 | +15 |
| North Dakota..... | 10.8 | 57.8 | 17.0 | 1.8 | .1 | 1.7 | +63 | +63 | +63 | +64 | +62 | +77 | +33 | +67 | +6 |
| South Dakota..... | 16.7 | 47.4 | 18.3 | 3.4 | .4 | 3.0 | +42 | +11 | +49 | +40 | +61 | +73 | +47 | +14 | +19 |
| Utah..... | 28.8 | 12.8 | 19.1 | 7.9 | 3.9 | 4.0 | +22 | -15 | +37 | +35 | +37 | +68 | +35 | -30 | +26 |
| Wyoming..... | 21.5 | 22.3 | 17.8 | 4.6 | .1 | 4.5 | +46 | -9 | +60 | +77 | +64 | +87 | +60 | +25 | +27 |
| Far West..... | 18.4 | 9.2 | 23.2 | 25.5 | 18.8 | 6.7 | +17 | +2 | +20 | +12 | +21 | +58 | -31 | -64 | +28 |
| California..... | 18.6 | 8.6 | 24.1 | 24.3 | 18.6 | 5.7 | +20 | +2 | +24 | +10 | +25 | +60 | -30 | -59 | +34 |
| Nevada..... | 28.1 | 8.2 | 21.2 | 8.4 | 7.1 | 1.3 | +24 | -39 | +49 | +88 | +44 | +91 | -42 | -75 | +52 |
| Oregon..... | 12.8 | 11.6 | 21.4 | 32.3 | 19.2 | 13.1 | +18 | +27 | +17 | +20 | +17 | +63 | -24 | -80 | +22 |
| Washington..... | 19.8 | 10.3 | 20.2 | 28.7 | 20.4 | 8.3 | +3 | -4 | +4 | +10 | +3 | +46 | -41 | -74 | +15 |

¹ Consists of all income payments to individuals by the Federal Government, State and local governments, and social insurance funds. For specific composition, see footnote 8, table 2.

² Includes net income of farm operators (including value of change in inventories of crops and livestock), farm wages, and net rents to landlords living on farms.

³ Includes wages and salaries and proprietors' income.

⁴ "War" manufacturing industries consist of chemicals and allied products, rubber products, iron and steel and their products, ordnance and accessories, transportation equipment (except automobiles), nonferrous metals and their products, electrical machinery, machinery (except electrical), and automobiles and automobile equipment.

⁵ "Nonwar" manufacturing industries consist of food and kindred products, tobacco manu-

factures, textile-mill products, apparel and other finished fabric products, lumber and timber basic products, paper and allied products, printing and publishing, products of petroleum and coal, leather and leather products, stone, clay, and glass products, and miscellaneous manufacturing industries.

⁶ Represents total income payments to individuals minus government income payments to individuals.

⁷ Represents total income payments to individuals minus government income payments to individuals and agricultural income.

⁸ Less than five-tenths of 1 percent.

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

New Mexico, where there is little heavy industry but where wartime military payments were large, the relative increase in private income from 1944 to 1947 was the largest of any State in the country.

Central States.—Total income payments in the Central region expanded from about 42 billion dollars in 1944 to nearly 54 billions in 1947. This increase was larger than that for the country as a whole—29 percent as compared with 25 percent. This difference can be explained in terms of government income payments. As shown in table 4, the 1944-47 increase of private income in the Central region was of slightly less-than-average proportion.

The more specific fact in this regard is that the region's income rise after the war was "depressed" relatively little by the contraction of military payments and Federal civilian pay rolls. During the war such Federal outlays had pro-

vided less impetus to income growth in this area than in any other, and they formed a comparatively small part of the region's wartime income total.

The wide differences among the individual Central States in rate of increase in income payments from 1944 to 1947 stemmed very largely from the basic differences in their economic structures. Gains were smallest in the important war-production States of Michigan, Ohio, and Indiana. But in Minnesota, Iowa, Wisconsin, and Missouri total income advanced at above-average rates after the war because of substantial increases in farm income and the comparatively lesser impact of war-industry contraction.

Northwest and Far West

Northwest.—From 1944 to 1947 total income payments advanced at a higher rate in the Northwest than in any other

region. Accompanying this top-ranking advance in total income was an increase in total population that was small relative to the Nation-wide rate. The region's relative gain in per capita income, therefore, was even larger than its gain in total income. The 29-percent increase in per capita income of the Northwest exceeded by a wide margin the 16-percent increase nationally. The six States in the Nation scoring the largest percentage increases in per capita income from 1944 to 1947 are all located in the Northwest—North Dakota, Wyoming, Colorado, Montana, Idaho, and South Dakota.

There were two main factors in these impressive 1944-47 gains of the Northwest. The first is the large expansion (56 percent) in farm income, which constitutes a far greater proportion of total income than in any other region. Most of this expansion occurred in 1947. Important, in this connection, is the fact that the Northwest's relative gain in total income from 1944 to 1947 was a product of developments in the latter year. From 1944 to 1946 income payments in the Northwest moved up at a rate equal to that for the Nation.

The second principal factor in the Northwest's substantial gains since 1944 is simply that the impact of war-industry contraction there was the lightest of any region. It was restricted, in fact, largely to Kansas, where war-industry pay rolls (mostly in aircraft production) expanded fivefold from 1940 to 1944 and then dropped to one-fourth the wartime volume by 1946.

Far West.—The increase from 1944 to 1947 of one-sixth in income payments in the far West, from 18.5 billions to 21.6 billions, was the smallest of any region. But an appraisal of this must center on the fact that the war had provided a greater stimulus to income growth in the far West than in any other section of the country. The effects of readjustments after the war on income payments were therefore unusually large in the far West. The contraction after VJ-day of manufacturing industries in the "war" classification was at a much larger rate in this area than nationally (see table 4). These generalizations apply with particular force to Washington, where a tremendous spurt of war production had generated a rate of total-income expansion from 1940 to 1944 exceeding that of any other State in the country.

Whereas on a national basis total factory pay rolls were approximately as large in 1947 as in 1944, they were one-third below the wartime level in the far West. But, it is important to note, the region's amount of such pay rolls last year was two and one-fourth times larger than the prewar 1940 total, as compared with an increase of one and three-fourths for the country as a whole.

Significance of Recent Income Changes

The recent-period changes in income payments summarized in the tables and text of this article are relevant for certain types of marketing analysis and for a variety of other purposes for which the State income-payments estimates are used. A principal fact to be emphasized is that these changes should not be viewed as measures of "trend" and have limited significance in that connection. By "trend," reference is made to the long-term, "basic" tendency of income in the various States and regions to grow or decline in relation to the Nation—the measurement of which is essential to any analysis of the probable general nature of future, longer-run changes in the geographic distribution of income.

The State changes in total and per capita income payments that have occurred since the war furnish, in themselves, little guide as to what may be expected for the future. This is because these changes resulted chiefly from such temporary, short-run factors as contraction of war industry, demobilization of the armed forces, and sharp year-to-year fluctuations

in the State distribution of farm income. Farm income is included in the category of short-run factors because its pronounced fluctuations since 1944, particularly on a geographic basis, reflect the special influences of weather and of differential price advances stemming from the removal of price controls and the critical demand for food.

These generalizations might be amplified in terms of the foregoing brief summaries of the main changes in State income payments that occurred from 1946 to 1947 and from 1944 to 1947.

It was observed first that variations in the State distribution of income from 1946 to 1947 resulted in large measure from widely different changes in farm income. These changes reflected such influences as a large increase in cotton production over the poor 1946 crop; the unprecedented need abroad for grain and the attainment, under generally favorable growing conditions, of a record crop of wheat; a drop in corn production because of adverse weather conditions; and the particularly marked advance in prices of food grains and meat animals. In addition to these short-run influences, the further decline in military payments was found to have had a significant effect on regional income movements from 1946 to 1947.

While it might, theoretically, be possible to develop some trend significance through a process of detailed analysis of the 1946-47 changes in the various sources of income payments, adequate analysis is not possible in the absence of requisite data on manufacturing pay rolls and employment. Such data are not available for individual types of manufacturing industries for 1947 on a basis comparable to that for 1946 and earlier years. For the compilation of the 1947 wage and employment data reported by employers to State unemployment compensation agencies, the Social Security Administration adopted the new Standard Industrial Classification for manufacturing industries. This classification destroys comparability with past statistics for a number of the important industry groups. Without detailed, comparable data for manufacturing, it is not possible to evaluate the importance of regional differences in respect to reconversion from war production as a factor in the 1946-47 changes in income payments. It cannot be ascertained, for example, to what extent the above-average rates of increase in all manufacturing pay rolls in industrial States such as Michigan, Indiana, and Ohio may represent simply an advance over 1946 reconversion lows in the heavy industries.

Evaluation of 1944 to 1947 Changes

With regard also to the changes in State income payments from 1944 to 1947, evaluation must start with the recognition that they are not significant as measures of trend. Rather they reflect the complex interplay of numerous short-run elements since the war which, throughout the Nation, have substantially changed the composition of income payments and which mask the effects of underlying trend elements. It is not particularly significant, therefore, that income payments rose at less-than-average rates from 1944 to 1947 in the far West, Southeast, and Southwest. Over the 1940-44 period, when the upsurge of total income in these regions far outpaced the national average, the stimulus to income growth provided by the war was greatest in these areas. Hence, the impact of readjustment from war to peace on the income flows of the far West, Southeast, and Southwest was comparatively severe.

What is significant, however, and of striking importance, is that income expanded in each of these three regions after the end of the war at a rate not far below that for the country as a whole. Since 1944 the far West, Southeast, and Southwest have retained and carried into the second full postwar year most of the substantial relative gains in total income which they achieved during the war. On the other

hand, New England has recouped none and the Middle East only a small part of their war-period relative losses. These developments are summarized in chart 2, which depicts also the large relative increase after the war in the percentage of the Nation's income received by the Northwest and the comparatively slight change in the share received by the Central region.

Table 5.—Differentials and Relative Changes in Per Capita Income Payments, by States and Regions, Selected Years, 1929-47¹

| State and region | Percent of national per capita income | | | | | Percent change | | | |
|--------------------------------|---------------------------------------|------|------|------|------|----------------|--------------|--------------|--------------|
| | 1929 | 1940 | 1944 | 1946 | 1947 | 1929 to 1940 | 1940 to 1947 | 1944 to 1947 | 1946 to 1947 |
| Continental United States..... | 100 | 100 | 100 | 100 | 100 | -15 | +130 | +16 | +9 |
| New England..... | 123 | 126 | 114 | 112 | 109 | -13 | +99 | +10 | +7 |
| Connecticut..... | 135 | 144 | 136 | 124 | 126 | -10 | +102 | +8 | +11 |
| Maine..... | 83 | 89 | 95 | 87 | 85 | -10 | +122 | +3 | +7 |
| Massachusetts..... | 132 | 133 | 114 | 115 | 110 | -15 | +89 | +11 | +4 |
| New Hampshire..... | 96 | 95 | 78 | 89 | 87 | -16 | +110 | +28 | +7 |
| Rhode Island..... | 125 | 124 | 117 | 113 | 115 | -16 | +113 | +13 | +11 |
| Vermont..... | 88 | 91 | 85 | 90 | 89 | -13 | +127 | +22 | +8 |
| Middle East..... | 136 | 131 | 117 | 118 | 118 | -19 | +107 | +16 | +9 |
| Delaware..... | 135 | 156 | 129 | 127 | 124 | -2 | +84 | +12 | +7 |
| District of Columbia..... | 175 | 188 | 113 | 127 | 123 | -9 | +50 | +25 | +5 |
| Maryland..... | 103 | 124 | 117 | 111 | 111 | +1 | +105 | +10 | +9 |
| New Jersey..... | 139 | 140 | 126 | 119 | 117 | -15 | +92 | +7 | +7 |
| New York..... | 165 | 150 | 131 | 136 | 135 | -23 | +106 | +19 | +8 |
| Pennsylvania..... | 113 | 109 | 103 | 103 | 104 | -18 | +118 | +16 | +10 |
| West Virginia..... | 68 | 69 | 69 | 74 | 78 | -14 | +159 | +30 | +14 |
| Southeast..... | 51 | 56 | 66 | 67 | 67 | -6 | +174 | +17 | +9 |
| Alabama..... | 45 | 47 | 62 | 61 | 63 | -12 | +212 | +18 | +13 |
| Arkansas..... | 45 | 44 | 53 | 58 | 54 | -12 | +182 | +17 | +1 |
| Florida..... | 71 | 82 | 90 | 89 | 83 | -3 | +134 | +8 | +2 |
| Georgia..... | 48 | 55 | 67 | 66 | 67 | -4 | +181 | +16 | +11 |
| Kentucky..... | 55 | 64 | 61 | 64 | 64 | -17 | +176 | +23 | +9 |
| Louisiana..... | 61 | 62 | 71 | 66 | 67 | -14 | +150 | +10 | +7 |
| Mississippi..... | 40 | 35 | 47 | 47 | 50 | -26 | +226 | +22 | +15 |
| North Carolina..... | 45 | 55 | 61 | 67 | 67 | +2 | +182 | +28 | +10 |
| South Carolina..... | 37 | 50 | 57 | 60 | 59 | +13 | +172 | +19 | +6 |
| Tennessee..... | 51 | 55 | 70 | 70 | 69 | -9 | +189 | +15 | +8 |
| Virginia..... | 62 | 78 | 83 | 80 | 80 | +7 | +136 | +13 | +10 |
| Southwest..... | 68 | 69 | 81 | 78 | 82 | -14 | +171 | +17 | +15 |
| Arizona..... | 84 | 82 | 85 | 86 | 85 | -17 | +137 | +15 | +7 |
| New Mexico..... | 56 | 62 | 71 | 76 | 80 | -8 | +196 | +30 | +14 |
| Oklahoma..... | 67 | 62 | 76 | 68 | 70 | -22 | +161 | +7 | +13 |
| Texas..... | 68 | 72 | 83 | 81 | 85 | -11 | +173 | +19 | +15 |
| Central..... | 106 | 105 | 105 | 105 | 105 | -16 | +130 | +16 | +8 |
| Illinois..... | 137 | 126 | 118 | 124 | 123 | -22 | +124 | +20 | +8 |
| Indiana..... | 6 | 94 | 99 | 96 | 97 | -7 | +138 | +14 | +10 |
| Iowa..... | 80 | 84 | 81 | 95 | 86 | -11 | +136 | +23 | +1 |
| Michigan..... | 110 | 113 | 117 | 104 | 108 | -13 | +119 | +7 | +12 |
| Minnesota..... | 83 | 89 | 81 | 91 | 90 | -10 | +135 | +29 | +8 |
| Missouri..... | 90 | 88 | 87 | 93 | 90 | -17 | +137 | +21 | +6 |
| Ohio..... | 110 | 112 | 114 | 108 | 109 | -14 | +124 | +11 | +10 |
| Wisconsin..... | 93 | 90 | 98 | 100 | 101 | -19 | +159 | +19 | +11 |
| Northwest..... | 79 | 79 | 93 | 95 | 104 | -15 | +202 | +29 | +19 |
| Colorado..... | 91 | 91 | 91 | 100 | 112 | -15 | +183 | +42 | +22 |
| Idaho..... | 76 | 77 | 85 | 93 | 98 | -15 | +193 | +33 | +14 |
| Kansas..... | 78 | 73 | 96 | 88 | 99 | -21 | +212 | +20 | +24 |
| Montana..... | 89 | 100 | 102 | 115 | 124 | -5 | +186 | +41 | +18 |
| Nebraska..... | 82 | 75 | 92 | 95 | 94 | -22 | +186 | +18 | +8 |
| North Dakota..... | 57 | 64 | 95 | 98 | 127 | -5 | +356 | +54 | +42 |
| South Dakota..... | 61 | 65 | 89 | 99 | 102 | -10 | +259 | +32 | +12 |
| Utah..... | 79 | 83 | 92 | 89 | 91 | -11 | +152 | +14 | +12 |
| Wyoming..... | 101 | 105 | 90 | 104 | 111 | -12 | +143 | +43 | +16 |
| Far West..... | 127 | 130 | 132 | 123 | 118 | -13 | +108 | +3 | +4 |
| California..... | 139 | 140 | 136 | 130 | 124 | -15 | +104 | +5 | +4 |
| Nevada..... | 120 | 145 | 122 | 146 | 139 | +2 | +120 | +31 | +4 |
| Oregon..... | 94 | 101 | 109 | 101 | 95 | -10 | +116 | (c) | +3 |
| Washington..... | 105 | 110 | 133 | 109 | 105 | -11 | +121 | -8 | +5 |

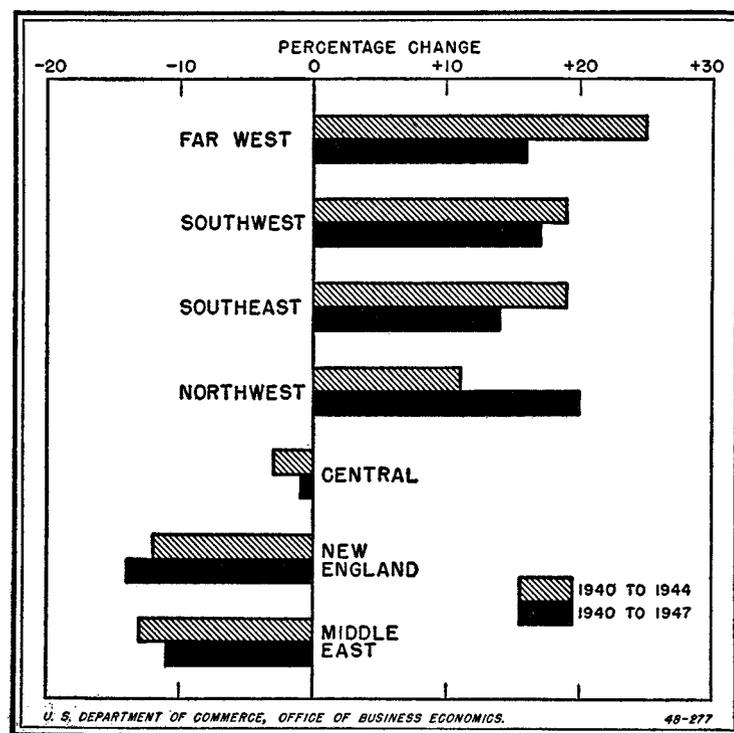
¹ Computed from data shown in table 7.
² Increase of less than five-tenths of 1 percent.

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

readjustment from war-inflated levels—might be suggested by the region's below-average income gains in 1947. In this area, particularly California, increases in income were considerably less than the national average for most components of private nonagricultural income payments.

This article has dealt largely with State and regional income changes, measured in percentage terms. For market analysis, however, the wide geographic variations in amounts of total income will not be overlooked. As shown in table 1, the Eastern States comprising the Middle East and New England regions received more than one-third of the Nation's income payments in 1947, and are principal centers of population and production. The large Central region accounted for 28 percent of all income last year, whereas the 13 States included in the Southwestern and Northwestern regions received only slightly more than one-tenth of total income payments.

Chart 2.—Percentage Change in the Proportion of Total U. S. Income Payments Received by Each Region, 1940 to 1944 and 1940 to 1947



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

Technical Notes

1. *Scope of State Income Work.*—The work of the Department of Commerce 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 on national income or gross national product. Regional estimates of disposable income were published for selected years in the August 1947 SURVEY, 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.

Official income estimates are not available for counties and other local areas. Apart from the fact that the estimation of income for local areas would be a large and expensive job, much of the information required does not exist or is not available in Washington.

The chart measures the percentage change in each region's percent of the Nation's total income from 1940 to 1944 and from 1940 to 1947. This is a convenient method of showing income changes, relative to the national average, for regions which differ widely in size, as shown in table 6. These wide absolute differences, however, should be borne in mind in interpreting the chart.

The fact that after the war the far West, Southeast, and Southwest retained most of their war-period relative income gains is evidence of considerable strength in their postwar income flows. This strength contributed materially to these regions' long-term upward income trends. However, for the far West, some possibility of developing weaknesses—as distinguished from short-run factors such as merely further

Table 6.—Total Income Payments to Individuals, by States and Regions, 1929-47¹

[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 |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| 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 | 116,433 | 140,021 | 151,217 | 155,201 | 171,200 | 189,734 |
| New England | 6,792 | 6,282 | 5,623 | 4,481 | 4,264 | 4,678 | 5,031 | 5,673 | 5,900 | 5,372 | 5,729 | 6,124 | 7,367 | 8,971 | 10,235 | 10,711 | 10,860 | 12,078 | 13,194 |
| Connecticut | 1,459 | 1,337 | 1,178 | 911 | 888 | 1,000 | 1,096 | 1,267 | 1,356 | 1,199 | 1,301 | 1,417 | 1,837 | 2,341 | 2,648 | 2,713 | 2,635 | 2,889 | 3,299 |
| Maine | 449 | 432 | 381 | 298 | 297 | 323 | 353 | 398 | 408 | 377 | 400 | 431 | 505 | 673 | 857 | 864 | 847 | 916 | 998 |
| 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 | 4,528 | 5,141 | 5,447 | 5,631 | 6,324 | 6,718 |
| New Hampshire | 302 | 279 | 259 | 199 | 200 | 228 | 241 | 262 | 272 | 258 | 268 | 269 | 309 | 350 | 378 | 419 | 460 | 548 | 613 |
| Rhode Island | 579 | 527 | 477 | 385 | 366 | 391 | 426 | 473 | 494 | 447 | 480 | 511 | 651 | 826 | 925 | 963 | 956 | 1,016 | 1,133 |
| Vermont | 216 | 195 | 172 | 133 | 127 | 143 | 158 | 180 | 177 | 163 | 174 | 187 | 219 | 253 | 286 | 305 | 331 | 385 | 433 |
| Middle East | 27,840 | 25,609 | 22,031 | 17,045 | 16,337 | 18,299 | 19,577 | 22,448 | 23,481 | 21,503 | 22,783 | 24,319 | 28,203 | 33,277 | 38,735 | 41,994 | 43,577 | 48,765 | 53,938 |
| Delaware | 218 | 182 | 167 | 128 | 127 | 147 | 161 | 192 | 205 | 178 | 203 | 239 | 278 | 315 | 374 | 402 | 393 | 435 | 479 |
| District of Columbia ² | 638 | 644 | 619 | 549 | 495 | 556 | 631 | 763 | 792 | 781 | 813 | 905 | 1,040 | 1,254 | 1,448 | 1,508 | 1,607 | 1,739 | 1,795 |
| Maryland ² | 1,106 | 1,036 | 927 | 743 | 720 | 815 | 871 | 1,000 | 1,067 | 1,000 | 1,074 | 1,222 | 1,516 | 2,008 | 2,409 | 2,536 | 2,501 | 2,728 | 2,934 |
| New Jersey ² | 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 | 4,552 | 5,381 | 5,794 | 5,774 | 6,228 | 6,740 |
| New York ² | 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 | 15,215 | 17,614 | 19,304 | 20,454 | 23,271 | 25,624 |
| Pennsylvania | 7,338 | 6,632 | 5,580 | 4,172 | 4,027 | 4,627 | 4,989 | 5,818 | 6,174 | 5,438 | 5,819 | 6,225 | 7,404 | 8,847 | 10,270 | 11,085 | 11,376 | 12,712 | 14,426 |
| West Virginia | 793 | 688 | 590 | 462 | 474 | 588 | 623 | 739 | 773 | 689 | 714 | 760 | 905 | 1,086 | 1,239 | 1,365 | 1,472 | 1,652 | 1,940 |
| 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 | 15,509 | 19,433 | 21,476 | 22,267 | 23,609 | 25,723 |
| Alabama | 802 | 617 | 512 | 419 | 419 | 537 | 585 | 699 | 711 | 652 | 681 | 763 | 1,037 | 1,428 | 1,780 | 1,943 | 2,021 | 2,089 | 2,371 |
| Arkansas | 562 | 393 | 332 | 287 | 288 | 342 | 389 | 470 | 479 | 456 | 478 | 493 | 658 | 896 | 977 | 1,122 | 1,218 | 1,334 | 1,358 |
| Florida | 695 | 635 | 546 | 439 | 425 | 516 | 584 | 711 | 773 | 751 | 819 | 900 | 1,062 | 1,452 | 2,105 | 2,369 | 2,420 | 2,462 | 2,571 |
| Georgia | 956 | 798 | 667 | 560 | 596 | 735 | 800 | 907 | 920 | 863 | 901 | 986 | 1,241 | 1,642 | 2,143 | 2,373 | 2,445 | 2,529 | 2,778 |
| Kentucky | 964 | 794 | 679 | 530 | 534 | 636 | 713 | 847 | 902 | 793 | 839 | 880 | 1,042 | 1,335 | 1,685 | 1,825 | 1,957 | 2,173 | 2,364 |
| Louisiana | 862 | 725 | 640 | 499 | 487 | 595 | 641 | 748 | 792 | 789 | 828 | 847 | 1,066 | 1,411 | 1,874 | 2,001 | 1,986 | 2,036 | 2,270 |
| Mississippi | 544 | 385 | 292 | 256 | 256 | 339 | 373 | 463 | 442 | 399 | 436 | 444 | 630 | 883 | 1,084 | 1,188 | 1,205 | 1,202 | 1,352 |
| North Carolina | 966 | 812 | 690 | 576 | 677 | 845 | 915 | 1,066 | 1,077 | 1,011 | 1,090 | 1,131 | 1,436 | 1,864 | 2,244 | 2,514 | 2,621 | 3,023 | 3,290 |
| South Carolina | 438 | 365 | 314 | 261 | 299 | 378 | 406 | 468 | 485 | 451 | 493 | 545 | 703 | 959 | 1,140 | 1,268 | 1,303 | 1,407 | 1,517 |
| Tennessee | 905 | 743 | 622 | 498 | 516 | 661 | 721 | 846 | 880 | 801 | 853 | 927 | 1,221 | 1,528 | 1,983 | 2,276 | 2,443 | 2,558 | 2,830 |
| Virginia ² | 987 | 860 | 770 | 654 | 639 | 770 | 849 | 967 | 996 | 938 | 996 | 1,127 | 1,484 | 2,111 | 2,418 | 2,597 | 2,648 | 2,796 | 2,982 |
| Southwest | 4,155 | 3,428 | 2,788 | 2,199 | 2,299 | 2,623 | 2,924 | 3,402 | 3,804 | 3,583 | 3,756 | 3,908 | 4,734 | 6,517 | 8,528 | 9,246 | 9,370 | 9,938 | 11,435 |
| Arizona | 245 | 208 | 170 | 122 | 120 | 149 | 167 | 202 | 232 | 213 | 227 | 237 | 287 | 445 | 598 | 582 | 594 | 631 | 721 |
| New Mexico | 161 | 137 | 116 | 86 | 90 | 113 | 131 | 162 | 177 | 165 | 179 | 190 | 222 | 299 | 375 | 420 | 448 | 492 | 576 |
| Oklahoma | 1,079 | 844 | 659 | 507 | 537 | 583 | 666 | 753 | 841 | 767 | 796 | 829 | 956 | 1,322 | 1,593 | 1,808 | 1,801 | 1,897 | 2,124 |
| 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 | 4,451 | 5,962 | 6,436 | 6,527 | 6,918 | 8,014 |
| Central | 24,226 | 20,833 | 17,185 | 12,630 | 12,193 | 14,139 | 16,220 | 18,986 | 20,620 | 18,378 | 20,090 | 21,664 | 26,800 | 33,147 | 39,165 | 41,789 | 42,893 | 48,055 | 53,699 |
| Illinois | 7,036 | 5,903 | 4,813 | 3,517 | 3,335 | 3,787 | 4,222 | 4,909 | 5,395 | 4,833 | 5,285 | 5,740 | 6,889 | 8,087 | 9,358 | 10,276 | 10,695 | 12,101 | 13,636 |
| 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 | 3,092 | 3,725 | 3,928 | 4,102 | 4,398 | 4,936 |
| Iowa | 1,348 | 1,248 | 965 | 619 | 644 | 606 | 696 | 882 | 1,092 | 1,068 | 1,185 | 1,233 | 1,527 | 1,994 | 2,260 | 2,188 | 2,375 | 2,948 | 2,963 |
| Michigan | 3,543 | 2,940 | 2,413 | 1,816 | 1,641 | 2,131 | 2,469 | 2,926 | 3,257 | 2,705 | 3,054 | 3,425 | 4,271 | 5,482 | 6,586 | 7,162 | 6,799 | 7,443 | 8,641 |
| Minnesota | 1,443 | 1,325 | 1,125 | 839 | 812 | 921 | 1,083 | 1,281 | 1,362 | 1,304 | 1,378 | 1,424 | 1,626 | 2,040 | 2,271 | 2,411 | 2,614 | 3,123 | 3,450 |
| Missouri | 2,210 | 1,984 | 1,688 | 1,282 | 1,244 | 1,380 | 1,533 | 1,763 | 1,824 | 1,708 | 1,832 | 1,914 | 2,363 | 2,920 | 3,356 | 3,612 | 3,776 | 4,374 | 4,671 |
| Ohio | 4,920 | 4,251 | 3,564 | 2,610 | 2,601 | 3,066 | 3,447 | 4,072 | 4,406 | 3,794 | 3,154 | 4,448 | 5,646 | 6,973 | 8,349 | 8,917 | 9,114 | 9,851 | 11,061 |
| Wisconsin | 1,849 | 1,587 | 1,292 | 971 | 938 | 1,081 | 1,258 | 1,482 | 1,571 | 1,443 | 1,514 | 1,622 | 2,041 | 2,559 | 2,990 | 3,295 | 3,418 | 3,817 | 4,341 |
| Northwest | 3,927 | 3,592 | 2,824 | 1,931 | 1,953 | 2,250 | 2,627 | 3,029 | 3,238 | 2,974 | 3,099 | 3,363 | 4,109 | 6,086 | 6,946 | 7,484 | 7,692 | 8,477 | 10,143 |
| Colorado | 633 | 580 | 478 | 362 | 358 | 404 | 446 | 538 | 584 | 526 | 563 | 589 | 695 | 990 | 1,137 | 1,146 | 1,271 | 1,398 | 1,695 |
| Idaho | 230 | 204 | 153 | 112 | 115 | 146 | 165 | 201 | 223 | 207 | 213 | 232 | 278 | 419 | 477 | 587 | 525 | 595 | 677 |
| Kansas | 997 | 928 | 730 | 487 | 474 | 549 | 622 | 724 | 781 | 690 | 692 | 757 | 974 | 1,508 | 1,768 | 1,979 | 1,908 | 2,009 | 2,531 |
| Montana | 325 | 264 | 213 | 158 | 158 | 212 | 250 | 283 | 299 | 271 | 288 | 321 | 372 | 479 | 517 | 528 | 555 | 668 | 801 |
| Nebraska | 764 | 749 | 578 | 344 | 374 | 378 | 476 | 534 | 549 | 509 | 523 | 569 | 655 | 1,039 | 1,162 | 1,298 | 1,333 | 1,478 | 1,589 |
| North Dakota | 264 | 224 | 160 | 122 | 126 | 136 | 178 | 197 | 217 | 196 | 209 | 237 | 331 | 440 | 505 | 556 | 566 | 634 | 908 |
| South Dakota | 288 | 264 | 199 | 177 | 118 | 157 | 184 | 196 | 202 | 208 | 227 | 242 | 301 | 472 | 448 | 547 | 598 | 664 | 779 |
| Utah | 272 | 239 | 195 | 143 | 143 | 165 | 192 | 224 | 247 | 235 | 243 | 265 | 329 | 527 | 687 | 635 | 649 | 696 | 773 |
| Wyoming | 154 | 140 | 118 | 86 | 87 | 103 | 114 | 132 | 136 | 132 | 141 | 151 | 174 | 216 | 245 | 268 | 287 | 335 | 390 |
| Far West | 6,998 | 6,454 | 5,456 | 4,167 | 4,091 | 4,695 | 5,203 | 6,330 | 6,711 | 6,331 | 6,730 | 7,431 | 9,476 | 12,926 | 16,979 | 18,517 | 18,542 | 20,278 | 21,602 |
| California | 5,217 | 4,878 | 4,151 | 3,182 | 3,113 | 3,530 | 3,904 | 4,730 | 5,047 | 4,772 | 5,047 | 5,606 | 7,044 | 9,315 | 12,302 | 13,472 | 13,649 | 15,164 | 16,121 |
| Nevada | 74 | 70 | 62 | 46 | 43 | 53 | 62 | 72 | 77 | 69 | 84 | 92 | 107 | 207 | 211 | 206 | 210 | 239 | 256 |
| Oregon | 603 | 524 | 443 | 338 | 337 | 404 | 459 | 560 | 580 | 540 | 587 | 633 | 824 | 1,193 | 1,572 | 1,636 | 1,631 | 1,753 | 1,936 |
| Washington | 1,104 | 982 | 800 | 601 | 598 | 708 | 778 | 968 | 1,007 | 950 | 1,012 | 1,100 | 1,501 | 2,211 | 2,894 | 3,203 | 3,052 | 3,122 | 3 |

Table 7.—Per Capita Income Payments by States and Regions, 1929-47¹

[Dollars]

| State and region | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 |
|---------------------------|-------|-------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Continental United States | 680 | 596 | 500 | 380 | 368 | 420 | 460 | 531 | 561 | 509 | 539 | 575 | 693 | 870 | 1,045 | 1,145 | 1,177 | 1,213 | 1,323 |
| New England | 838 | 768 | 684 | 542 | 514 | 561 | 602 | 678 | 704 | 640 | 680 | 725 | 873 | 1,064 | 1,235 | 1,307 | 1,317 | 1,354 | 1,444 |
| Connecticut | 918 | 830 | 725 | 558 | 540 | 605 | 659 | 758 | 808 | 710 | 764 | 827 | 1,070 | 1,321 | 1,508 | 1,554 | 1,507 | 1,510 | 1,671 |
| Maine | 566 | 540 | 473 | 367 | 364 | 394 | 428 | 480 | 490 | 450 | 474 | 509 | 598 | 814 | 1,067 | 1,090 | 1,060 | 1,059 | 1,128 |
| Massachusetts | 897 | 825 | 738 | 594 | 553 | 597 | 634 | 713 | 737 | 677 | 719 | 766 | 889 | 1,055 | 1,224 | 1,309 | 1,346 | 1,394 | 1,449 |
| New Hampshire | 652 | 589 | 551 | 422 | 420 | 478 | 502 | 544 | 562 | 531 | 548 | 546 | 627 | 714 | 804 | 897 | 979 | 1,075 | 1,148 |
| Rhode Island | 851 | 707 | 695 | 562 | 533 | 573 | 626 | 691 | 714 | 639 | 678 | 715 | 922 | 1,158 | 1,262 | 1,345 | 1,330 | 1,367 | 1,521 |
| Vermont | 601 | 542 | 476 | 369 | 351 | 397 | 439 | 501 | 493 | 454 | 483 | 521 | 620 | 738 | 883 | 971 | 1,018 | 1,097 | 1,183 |
| Middle East | 926 | 841 | 717 | 552 | 526 | 586 | 623 | 711 | 740 | 674 | 709 | 752 | 871 | 1,033 | 1,224 | 1,341 | 1,392 | 1,436 | 1,559 |
| Delaware | 919 | 762 | 687 | 522 | 513 | 586 | 634 | 750 | 795 | 682 | 771 | 896 | 1,018 | 1,167 | 1,380 | 1,473 | 1,445 | 1,543 | 1,646 |
| District of Columbia | 1,191 | 1,179 | 1,088 | 926 | 806 | 876 | 955 | 1,124 | 1,107 | 1,044 | 1,031 | 1,080 | 1,709 | 1,181 | 1,280 | 1,298 | 1,368 | 1,546 | 1,624 |
| Maryland | 703 | 651 | 577 | 460 | 441 | 493 | 524 | 597 | 635 | 594 | 634 | 713 | 847 | 1,080 | 1,285 | 1,336 | 1,331 | 1,345 | 1,465 |
| New Jersey | 947 | 869 | 751 | 586 | 535 | 589 | 636 | 712 | 750 | 699 | 746 | 803 | 926 | 1,130 | 1,329 | 1,441 | 1,442 | 1,443 | 1,542 |
| New York | 1,125 | 1,023 | 871 | 671 | 644 | 705 | 743 | 837 | 861 | 791 | 825 | 863 | 989 | 1,141 | 1,353 | 1,499 | 1,536 | 1,651 | 1,781 |
| Pennsylvania | 767 | 688 | 576 | 429 | 414 | 474 | 510 | 594 | 629 | 553 | 589 | 628 | 750 | 907 | 1,079 | 1,181 | 1,213 | 1,244 | 1,372 |
| West Virginia | 464 | 393 | 336 | 261 | 265 | 326 | 342 | 402 | 417 | 369 | 378 | 398 | 474 | 578 | 697 | 795 | 868 | 901 | 1,031 |
| Southeast | 344 | 279 | 235 | 191 | 195 | 239 | 260 | 301 | 310 | 287 | 303 | 322 | 403 | 535 | 667 | 756 | 801 | 811 | 883 |
| Alabama | 305 | 292 | 191 | 155 | 154 | 197 | 213 | 253 | 266 | 237 | 242 | 252 | 337 | 466 | 521 | 607 | 667 | 701 | 710 |
| Arkansas | 305 | 211 | 177 | 153 | 152 | 180 | 204 | 246 | 249 | 236 | 246 | 252 | 337 | 466 | 521 | 607 | 667 | 701 | 710 |
| Florida | 484 | 431 | 363 | 287 | 272 | 325 | 360 | 423 | 445 | 418 | 442 | 471 | 522 | 679 | 810 | 1,025 | 1,059 | 1,082 | 1,104 |
| Georgia | 329 | 274 | 227 | 189 | 200 | 245 | 264 | 298 | 301 | 280 | 290 | 315 | 389 | 514 | 674 | 764 | 813 | 797 | 885 |
| Kentucky | 371 | 303 | 256 | 198 | 199 | 234 | 260 | 307 | 325 | 283 | 297 | 308 | 370 | 481 | 616 | 693 | 780 | 782 | 850 |
| Louisiana | 415 | 344 | 299 | 230 | 222 | 269 | 286 | 330 | 346 | 341 | 354 | 357 | 434 | 564 | 735 | 812 | 831 | 803 | 892 |
| Mississippi | 273 | 191 | 143 | 125 | 123 | 162 | 177 | 218 | 207 | 185 | 201 | 202 | 276 | 385 | 461 | 542 | 568 | 575 | 659 |
| North Carolina | 309 | 255 | 214 | 176 | 205 | 253 | 270 | 320 | 324 | 312 | 308 | 316 | 391 | 508 | 608 | 697 | 749 | 809 | 890 |
| South Carolina | 252 | 209 | 178 | 147 | 167 | 200 | 222 | 254 | 262 | 241 | 261 | 286 | 358 | 478 | 580 | 655 | 687 | 732 | 778 |
| Tennessee | 349 | 283 | 234 | 185 | 190 | 241 | 260 | 302 | 311 | 280 | 295 | 317 | 411 | 522 | 672 | 797 | 868 | 849 | 916 |
| Virginia | 422 | 367 | 326 | 276 | 266 | 316 | 347 | 393 | 405 | 380 | 402 | 450 | 568 | 749 | 868 | 945 | 972 | 970 | 1,064 |
| Southwest | 464 | 376 | 303 | 237 | 247 | 279 | 309 | 357 | 397 | 371 | 386 | 399 | 487 | 659 | 816 | 925 | 940 | 944 | 1,081 |
| Arizona | 573 | 475 | 382 | 271 | 263 | 322 | 355 | 425 | 436 | 461 | 473 | 538 | 749 | 895 | 977 | 1,046 | 1,045 | 1,120 | 1,281 |
| New Mexico | 383 | 322 | 265 | 192 | 196 | 240 | 272 | 330 | 353 | 322 | 341 | 356 | 412 | 558 | 691 | 808 | 884 | 920 | 1,053 |
| Oklahoma | 465 | 352 | 275 | 212 | 226 | 246 | 281 | 319 | 358 | 327 | 340 | 356 | 494 | 637 | 697 | 869 | 822 | 821 | 930 |
| Texas | 455 | 383 | 312 | 248 | 257 | 292 | 319 | 369 | 409 | 387 | 401 | 413 | 496 | 666 | 857 | 946 | 974 | 977 | 1,128 |
| Central | 720 | 612 | 503 | 369 | 355 | 411 | 469 | 546 | 589 | 521 | 565 | 605 | 747 | 927 | 1,117 | 1,200 | 1,231 | 1,277 | 1,391 |
| Illinois | 932 | 772 | 626 | 456 | 431 | 488 | 543 | 630 | 691 | 616 | 671 | 726 | 874 | 1,025 | 1,220 | 1,354 | 1,420 | 1,501 | 1,624 |
| Indiana | 583 | 491 | 405 | 296 | 296 | 351 | 392 | 468 | 508 | 449 | 495 | 541 | 700 | 878 | 1,056 | 1,132 | 1,179 | 1,168 | 1,287 |
| Iowa | 546 | 504 | 388 | 248 | 258 | 242 | 357 | 391 | 434 | 423 | 468 | 455 | 605 | 805 | 939 | 927 | 992 | 1,150 | 1,144 |
| Michigan | 745 | 608 | 503 | 382 | 348 | 455 | 524 | 606 | 650 | 539 | 591 | 649 | 801 | 1,028 | 1,273 | 1,334 | 1,255 | 1,296 | 1,424 |
| Minnesota | 566 | 515 | 433 | 320 | 307 | 346 | 403 | 473 | 500 | 474 | 497 | 509 | 583 | 746 | 858 | 924 | 997 | 1,102 | 1,195 |
| Missouri | 612 | 546 | 461 | 349 | 337 | 373 | 413 | 473 | 488 | 455 | 486 | 505 | 615 | 749 | 886 | 992 | 1,050 | 1,134 | 1,197 |
| Ohio | 748 | 638 | 532 | 388 | 386 | 453 | 507 | 598 | 648 | 554 | 603 | 643 | 819 | 1,014 | 1,235 | 1,098 | 1,326 | 1,314 | 1,441 |
| Wisconsin | 634 | 539 | 435 | 325 | 312 | 357 | 413 | 484 | 510 | 466 | 485 | 516 | 654 | 843 | 996 | 1,130 | 1,165 | 1,208 | 1,337 |
| Northwest | 534 | 487 | 384 | 262 | 265 | 304 | 354 | 409 | 438 | 402 | 418 | 454 | 558 | 836 | 953 | 1,064 | 1,110 | 1,156 | 1,373 |
| Colorado | 616 | 558 | 455 | 342 | 336 | 376 | 412 | 493 | 532 | 475 | 505 | 524 | 606 | 874 | 976 | 1,045 | 1,190 | 1,216 | 1,482 |
| Idaho | 518 | 455 | 336 | 241 | 242 | 304 | 338 | 406 | 444 | 406 | 411 | 440 | 533 | 801 | 892 | 972 | 1,040 | 1,133 | 1,290 |
| Kansas | 532 | 498 | 402 | 267 | 258 | 298 | 337 | 395 | 430 | 382 | 383 | 422 | 543 | 834 | 975 | 1,098 | 1,071 | 1,062 | 1,315 |
| Montana | 602 | 490 | 393 | 290 | 290 | 387 | 455 | 514 | 541 | 488 | 515 | 574 | 670 | 900 | 1,062 | 1,163 | 1,244 | 1,392 | 1,641 |
| Nebraska | 557 | 544 | 421 | 251 | 275 | 279 | 353 | 399 | 412 | 384 | 397 | 433 | 512 | 831 | 914 | 1,050 | 1,085 | 1,148 | 1,238 |
| North Dakota | 389 | 329 | 236 | 181 | 190 | 205 | 269 | 300 | 333 | 302 | 325 | 368 | 537 | 759 | 944 | 1,092 | 1,112 | 1,183 | 1,678 |
| South Dakota | 417 | 382 | 289 | 171 | 172 | 232 | 273 | 294 | 306 | 318 | 351 | 376 | 493 | 819 | 789 | 1,024 | 1,122 | 1,205 | 1,348 |
| Utah | 537 | 470 | 379 | 276 | 275 | 313 | 362 | 419 | 459 | 434 | 467 | 480 | 578 | 881 | 1,068 | 1,057 | 1,078 | 1,076 | 1,208 |
| Wyoming | 687 | 619 | 515 | 371 | 369 | 435 | 477 | 548 | 580 | 537 | 567 | 605 | 649 | 774 | 904 | 1,031 | 1,134 | 1,264 | 1,472 |
| Far West | 865 | 775 | 642 | 481 | 465 | 524 | 571 | 684 | 714 | 662 | 692 | 750 | 907 | 1,168 | 1,438 | 1,517 | 1,461 | 1,495 | 1,559 |
| California | 946 | 854 | 710 | 533 | 511 | 585 | 617 | 734 | 769 | 714 | 741 | 805 | 955 | 1,185 | 1,469 | 1,558 | 1,508 | 1,574 | 1,643 |
| Nevada | 817 | 761 | 660 | 479 | 447 | 535 | 614 | 699 | 733 | 645 | 767 | 836 | 907 | 1,180 | 1,486 | 1,401 | 1,533 | 1,770 | 1,842 |
| Oregon | 640 | 547 | 455 | 342 | 337 | 399 | 447 | 539 | 552 | 507 | 544 | 579 | 722 | 1,028 | 1,251 | 1,252 | 1,235 | 1,220 | 1,253 |
| Washington | 713 | 626 | 503 | 474 | 369 | 432 | 470 | 579 | 597 | 558 | 588 | 632 | 826 | 1,152 | 1,422 | 1,522 | 1,399 | 1,326 | 1,395 |

¹ See note 4 of section on Technical Notes.

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

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 five instances, however, income (included in "total income payments to individuals," table 6) 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 and the District of Columbia, Maryland, and Virginia. 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 State of employment, rather than of residence. For all States, except the five listed above, it is assumed that State of employment is identical with State of residence.

For the years 1929-43 and 1947, population data used in the derivation of per capita income are the midyear estimates of the Bureau of the Census of the Department of Commerce. For the years 1944-46, population totals used are the sum of the civilian population from the Bureau of the Census and military personnel, as compiled from monthly or quarterly data, 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 more than three-fifths 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 and 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 Social Security Administration from tabulations by the State unemployment compensation 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

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 compensation 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 1947 constituted four-fifths 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. 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 and Navy.

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 data 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 in order to secure a measure of the income from current production. 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 prepared by States for each major industry division. The geographic distribution of these components of total income payments is based mainly on reports of the Bureau of the Census, including reports of both the industrial and population censuses. Pending the availability of more complete information from Census enumerations, year-to-year alterations of the State distributions derived for the census year 1939 were based for each industry on a relevant measure such as volume of sales of wage-and-salary payments.

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' bondholdings, 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 by the Spectator Company and for banks on banking pay rolls). 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 and Navy report disbursements 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, annual data on military separations by State of residence, and annual data on the number of military personnel according to State of residence.

Table 8.—State Income Payments, by Type of Payment, 1945-47¹

[Millions of dollars]

| State | 1945 | 1946 | 1947 | State | 1945 | 1946 | 1947 | State | 1945 | 1946 | 1947 |
|-----------------------------|---------|---------|---------|-----------------------|--------|--------|--------|-----------------------|--------|--------|--------|
| United States, total | 155,201 | 171,200 | 189,734 | Louisiana, total | 1,986 | 2,036 | 2,270 | Ohio, total | 9,114 | 9,851 | 11,061 |
| Wages and salaries | 99,158 | 105,967 | 119,075 | Wages and salaries | 1,249 | 1,265 | 1,418 | Wages and salaries | 6,183 | 6,532 | 7,542 |
| Proprietors' income | 27,694 | 35,013 | 38,709 | Proprietors' income | 348 | 398 | 485 | Proprietors' income | 1,271 | 1,584 | 1,693 |
| Property income | 15,476 | 17,500 | 19,907 | Property income | 157 | 172 | 192 | Property income | 982 | 1,102 | 1,254 |
| Other income | 12,873 | 12,720 | 12,043 | Other income | 232 | 201 | 175 | Other income | 678 | 633 | 572 |
| Alabama, total | 2,021 | 2,089 | 2,371 | Maine, total | 847 | 916 | 998 | Oklahoma, total | 1,801 | 1,897 | 2,124 |
| Wages and salaries | 1,177 | 1,167 | 1,359 | Wages and salaries | 550 | 568 | 632 | Wages and salaries | 992 | 964 | 1,055 |
| Proprietors' income | 460 | 550 | 654 | Proprietors' income | 141 | 178 | 188 | Proprietors' income | 428 | 540 | 656 |
| Property income | 122 | 135 | 149 | Property income | 80 | 91 | 103 | Property income | 150 | 165 | 185 |
| Other income | 262 | 237 | 209 | Other income | 76 | 79 | 75 | Other income | 231 | 228 | 228 |
| Arizona, total | 594 | 631 | 721 | Maryland, total | 2,501 | 2,728 | 2,934 | Oregon, total | 1,631 | 1,753 | 1,936 |
| Wages and salaries | 368 | 374 | 425 | Wages and salaries | 1,704 | 1,766 | 1,931 | Wages and salaries | 1,032 | 1,069 | 1,222 |
| Proprietors' income | 122 | 155 | 189 | Proprietors' income | 344 | 464 | 506 | Proprietors' income | 374 | 438 | 460 |
| Property income | 44 | 49 | 54 | Property income | 268 | 304 | 346 | Property income | 110 | 125 | 139 |
| Other income | 60 | 53 | 53 | Other income | 185 | 194 | 151 | Other income | 115 | 121 | 115 |
| Arkansas, total | 1,218 | 1,334 | 1,358 | Massachusetts, total | 5,631 | 6,324 | 6,718 | Pennsylvania, total | 11,376 | 12,712 | 14,426 |
| Wages and salaries | 571 | 575 | 629 | Wages and salaries | 3,898 | 4,211 | 4,536 | Wages and salaries | 7,715 | 8,346 | 9,788 |
| Proprietors' income | 396 | 513 | 498 | Proprietors' income | 536 | 689 | 742 | Proprietors' income | 1,465 | 1,938 | 2,148 |
| Property income | 73 | 85 | 91 | Property income | 724 | 828 | 952 | Property income | 1,261 | 1,423 | 1,620 |
| Other income | 178 | 161 | 140 | Other income | 473 | 596 | 488 | Other income | 935 | 1,005 | 870 |
| California, total | 13,649 | 15,164 | 16,121 | Michigan, total | 6,799 | 7,443 | 8,641 | Rhode Island, total | 956 | 1,016 | 1,133 |
| Wages and salaries | 8,919 | 9,420 | 10,136 | Wages and salaries | 4,788 | 5,127 | 6,035 | Wages and salaries | 667 | 684 | 748 |
| Proprietors' income | 2,472 | 3,228 | 3,236 | Proprietors' income | 923 | 1,156 | 1,261 | Proprietors' income | 84 | 106 | 116 |
| Property income | 1,393 | 1,579 | 1,771 | Property income | 555 | 628 | 709 | Property income | 125 | 141 | 163 |
| Other income | 865 | 937 | 978 | Other income | 533 | 532 | 636 | Other income | 80 | 85 | 106 |
| Colorado, total | 1,271 | 1,398 | 1,695 | Minnesota, total | 2,614 | 3,123 | 3,450 | South Carolina, total | 1,303 | 1,407 | 1,517 |
| Wages and salaries | 702 | 789 | 889 | Wages and salaries | 1,419 | 1,627 | 1,861 | Wages and salaries | 794 | 832 | 944 |
| Proprietors' income | 300 | 328 | 486 | Proprietors' income | 737 | 980 | 1,062 | Proprietors' income | 269 | 365 | 360 |
| Property income | 151 | 168 | 194 | Property income | 232 | 265 | 303 | Property income | 76 | 87 | 94 |
| Other income | 118 | 113 | 126 | Other income | 226 | 251 | 224 | Other income | 164 | 123 | 119 |
| Connecticut, total | 2,635 | 2,889 | 3,299 | Mississippi, total | 1,205 | 1,202 | 1,382 | South Dakota, total | 598 | 664 | 779 |
| Wages and salaries | 1,796 | 1,921 | 2,192 | Wages and salaries | 518 | 540 | 578 | Wages and salaries | 213 | 227 | 265 |
| Proprietors' income | 230 | 317 | 348 | Proprietors' income | 421 | 423 | 570 | Proprietors' income | 304 | 350 | 422 |
| Property income | 428 | 490 | 557 | Property income | 74 | 80 | 92 | Property income | 40 | 46 | 55 |
| Other income | 175 | 161 | 192 | Other income | 192 | 159 | 142 | Other income | 41 | 41 | 37 |
| Delaware, total | 393 | 435 | 479 | Missouri, total | 3,776 | 4,374 | 4,671 | Tennessee, total | 2,443 | 2,558 | 2,830 |
| Wages and salaries | 251 | 271 | 306 | Wages and salaries | 2,300 | 2,806 | 2,804 | Wages and salaries | 1,428 | 1,455 | 1,620 |
| Proprietors' income | 53 | 64 | 68 | Proprietors' income | 758 | 1,083 | 1,058 | Proprietors' income | 558 | 645 | 739 |
| Property income | 65 | 75 | 85 | Property income | 359 | 412 | 466 | Property income | 180 | 202 | 227 |
| Other income | 24 | 25 | 20 | Other income | 359 | 373 | 343 | Other income | 277 | 256 | 242 |
| District of Columbia, total | 1,607 | 1,739 | 1,795 | Montana, total | 555 | 678 | 801 | Texas, total | 6,527 | 6,918 | 8,014 |
| Wages and salaries | 1,255 | 1,321 | 1,356 | Wages and salaries | 274 | 323 | 378 | Wages and salaries | 3,944 | 4,005 | 4,426 |
| Proprietors' income | 99 | 124 | 133 | Proprietors' income | 192 | 252 | 324 | Proprietors' income | 1,407 | 1,741 | 2,386 |
| Property income | 150 | 169 | 195 | Property income | 44 | 49 | 56 | Property income | 514 | 566 | 640 |
| Other income | 103 | 125 | 113 | Other income | 45 | 44 | 43 | Other income | 662 | 606 | 562 |
| Florida, total | 2,420 | 2,462 | 2,571 | Nebraska, total | 1,333 | 1,478 | 1,589 | Utah, total | 649 | 696 | 773 |
| Wages and salaries | 1,533 | 1,448 | 1,550 | Wages and salaries | 645 | 654 | 730 | Wages and salaries | 412 | 420 | 466 |
| Proprietors' income | 472 | 503 | 562 | Proprietors' income | 473 | 598 | 615 | Proprietors' income | 140 | 168 | 198 |
| Property income | 205 | 229 | 259 | Property income | 118 | 133 | 153 | Property income | 41 | 46 | 52 |
| Other income | 210 | 192 | 200 | Other income | 97 | 93 | 91 | Other income | 56 | 62 | 57 |
| Georgia, total | 2,445 | 2,529 | 2,778 | Nevada, total | 210 | 239 | 256 | Vermont, total | 331 | 385 | 433 |
| Wages and salaries | 1,477 | 1,544 | 1,688 | Salaries and wages | 133 | 144 | 149 | Wages and salaries | 184 | 217 | 245 |
| Proprietors' income | 519 | 566 | 661 | Proprietors' income | 44 | 60 | 69 | Proprietors' income | 73 | 90 | 104 |
| Property income | 167 | 186 | 210 | Property income | 20 | 23 | 26 | Property income | 45 | 51 | 58 |
| Other income | 282 | 233 | 219 | Other income | 13 | 12 | 12 | Other income | 29 | 27 | 26 |
| Idaho, total | 525 | 595 | 677 | New Hampshire, total | 460 | 548 | 613 | Virginia, total | 2,648 | 2,796 | 2,992 |
| Wages and salaries | 264 | 289 | 344 | Wages and salaries | 290 | 351 | 394 | Wages and salaries | 1,746 | 1,795 | 1,937 |
| Proprietors' income | 182 | 224 | 246 | Proprietors' income | 66 | 88 | 100 | Proprietors' income | 470 | 575 | 622 |
| Property income | 38 | 42 | 47 | Property income | 58 | 66 | 76 | Property income | 200 | 227 | 256 |
| Other income | 41 | 40 | 40 | Other income | 46 | 43 | 43 | Other income | 232 | 199 | 177 |
| Illinois, total | 10,695 | 12,101 | 13,636 | New Jersey, total | 5,774 | 6,228 | 6,740 | Washington, total | 3,052 | 3,122 | 3,289 |
| Wages and salaries | 7,126 | 7,951 | 9,065 | Wages and salaries | 4,162 | 4,334 | 4,741 | Wages and salaries | 2,058 | 1,945 | 2,060 |
| Proprietors' income | 1,650 | 2,134 | 2,333 | Proprietors' income | 612 | 807 | 880 | Proprietors' income | 574 | 689 | 733 |
| Property income | 1,149 | 1,280 | 1,458 | Property income | 555 | 634 | 729 | Property income | 220 | 246 | 273 |
| Other income | 770 | 736 | 780 | Other income | 445 | 453 | 390 | Other income | 200 | 242 | 223 |
| Indiana, total | 4,102 | 4,398 | 4,986 | New Mexico, total | 448 | 492 | 576 | West Virginia, total | 1,472 | 1,652 | 1,940 |
| Wages and salaries | 2,547 | 2,650 | 3,096 | Wages and salaries | 261 | 273 | 314 | Wages and salaries | 969 | 1,109 | 1,365 |
| Proprietors' income | 905 | 1,083 | 1,173 | Proprietors' income | 105 | 135 | 179 | Proprietors' income | 199 | 267 | 310 |
| Property income | 338 | 377 | 428 | Property income | 33 | 37 | 41 | Property income | 99 | 111 | 126 |
| Other income | 312 | 288 | 239 | Other income | 49 | 47 | 42 | Other income | 175 | 165 | 139 |
| Iowa, total | 2,375 | 2,948 | 2,963 | New York, total | 20,454 | 23,271 | 25,624 | Wisconsin, total | 3,418 | 3,817 | 4,341 |
| Wages and salaries | 1,044 | 1,186 | 1,375 | Wages and salaries | 13,691 | 15,371 | 17,135 | Wages and salaries | 2,053 | 2,230 | 2,610 |
| Proprietors' income | 915 | 1,325 | 1,129 | Proprietors' income | 2,643 | 3,360 | 3,579 | Proprietors' income | 790 | 974 | 1,070 |
| Property income | 221 | 251 | 284 | Property income | 2,653 | 3,044 | 3,501 | Property income | 349 | 393 | 447 |
| Other income | 195 | 186 | 175 | Other income | 1,467 | 1,496 | 1,409 | Other income | 226 | 220 | 214 |
| Kansas, total | 1,908 | 2,009 | 2,531 | North Carolina, total | 2,621 | 3,023 | 3,290 | Wyoming, total | 287 | 335 | 390 |
| Wages and salaries | 1,007 | 970 | 1,099 | Wages and salaries | 1,445 | 1,666 | 1,872 | Wages and salaries | 165 | 182 | 216 |
| Proprietors' income | 569 | 702 | 1,073 | Proprietors' income | 695 | 900 | 937 | Proprietors' income | 80 | 111 | 130 |
| Property income | 175 | 193 | 225 | Property income | 201 | 232 | 255 | Property income | 21 | 23 | 26 |
| Other income | 157 | 144 | 134 | Other income | 280 | 225 | 226 | Other income | 21 | 19 | 18 |
| Kentucky, total | 1,967 | 2,173 | 2,364 | North Dakota, total | 566 | 634 | 908 | | | | |
| Wages and salaries | 1,016 | 1,120 | 1,275 | Wages and salaries | 193 | 233 | 272 | | | | |
| Proprietors' income | 525 | 634 | 673 | Proprietors' income | 295 | 321 | 545 | | | | |
| Property income | 175 | 196 | 222 | Property income | 38 | 44 | 55 | | | | |
| Other income | 241 | 223 | 194 | Other income | 40 | 36 | 36 | | | | |

¹ For definitions see section on Technical Notes. Comparable estimates were published for the years 1929, 1933, and 1939-41 in the August 1945 issue of the SURVEY OF CURRENT BUSINESS and for the years 1942-44 in the August 1947 issue of the SURVEY.

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

New or Revised STATISTICAL SERIES



Revised Estimates of Wholesale Sales and Stocks

THE new annual estimates of wholesale sales and inventories presented below constitute another of the major revisions of the Office of Business Economics' sales and inventory series.¹ Revised data on manufacturing sales and inventories were shown in the May, June, and July issues of the SURVEY. Monthly wholesale trade statistics from January 1939, with and without adjustment for seasonal variations, will be published in forthcoming issues.

Effects of the Revisions

The changes instituted in the revised series have resulted in a considerable lowering of the figures in the base period—primarily due to the exclusion of manufacturers' sales branches (described more fully below). The level of wholesale sales is even further below the old series in the 1942–44 period due to the declining number of operating firms—the effects of which are more adequately measured in the new series. The large expansion in the wholesale population in the postwar period, however, more than offset the wartime discontinuances and the relative sales increase from 1939 to 1947 is somewhat greater in the revised than in the old series.

Although the same factors operated in the inventories series, the effects are somewhat obscured by the revisions in statistical methods which are considerably more comprehensive here than they are in the sales series. The old inventory series was based on four unweighted aggregate samples while the new series, in addition to an annual check based on corporate universe data and many other refinements, is derived by detailed lines of trade utilizing weighted samples.

Definition and Classifications

The new wholesale series, like the old, are on an establishment basis and utilize the definitions and classifications of wholesale trade set forth in the 1939 Census of Business—with two exceptions. First, the operations of corporate manufacturers' sales branches have been excluded, since sales and inventories of these branches are covered in the revised manufacturing series. It should be noted, however, that when a manufacturer's sales office is set up as a separate corporation it is classified as a service and limited-function wholesale establishment and is included in wholesale trade. The exclusion of manufacturers' sales branches results in wholesale series which are comparable and additive to the manufacturing series and are identical with the wholesale inventory series published in connection with the national-income statistics.

The second exception is the inclusion of brokerage or commission sales on the basis of the actual receipts of the agent or broker rather than as the total value of goods sold, as reported in the Census of Business. This revision results in more realistic stock-sales ratios.

In addition to manufacturers' sales branches and agents and brokers, the Census of Business distinguished between three other major groups of wholesalers: service and limited-function wholesalers (accounting in 1939, for 79 percent of the revised sales total), assemblers of farm products (10 percent), and petroleum bulk stations (9 percent).

Service and limited-function wholesale establishments are

those "engaged primarily in the buying and selling of goods on their own account and which are largely independent in ownership." These establishments perform some (limited-function wholesalers) or all (full-service wholesalers) of the normal wholesale functions such as warehousing, delivering goods, assembling in large quantities for redistribution in smaller lots, extending credit, etc. Their sales are made primarily to retailers for resale or to industrial users for productive purposes.

Data for stocks and sales of service and limited-function wholesalers are presented by detailed types of establishments (see tables 1 and 2) classified under the commodity, or homogeneous group of commodities, making up the major part of their sales volume. Sales and stock data for all wholesalers are available only on a "durable" and "nondurable" goods break-down because of the scarcity of information on operations of "other than service and limited-function wholesalers."

Methodology

The major sources of information used in the estimation of wholesale trade statistics are the censuses of Wholesale Trade for the years 1929, 1933, 1935, and 1939; the Bureau of Internal Revenue's *Statistics of Income, Part 2*, annually, 1938–45 (data for 1945 are the latest available); and the monthly "identical firm" sample of approximately 3,000 service and limited-function wholesalers reporting stocks and sales to the Bureau of the Census (in cooperation with the National Association of Credit Men).

The annual sales estimates for 1929, 1933, 1935, and 1939 are based on the censuses of those years. Sales estimates for the years 1936 through 1938, with the exception of motor vehicles and farm products, are interpolated by the monthly wholesale-trade sample. This sample was also used, with the same exceptions noted above, as a monthly interpolator for both stocks and sales after 1938 and as an annual extrapolator for all noncorporate sales series.

Corporate sales for the years 1940, 1941, and 1943 through 1945 were extrapolated by data in *Statistics of Income* for the following lines of trade: food, alcoholic beverages, apparel, dry goods, chemicals, drugs, paints, hardware, electrical goods, plumbing and heating, and lumber and millwork. In 1942, corporations were given the option of filing consolidated reports (returns were on an unconsolidated basis in the 1939–41 period). This change resulted in some discontinuity in the series after 1941—primarily affecting sales data through the elimination of intra-company sales for those firms reporting on a consolidated basis. The extrapolation of corporate sales from 1941 to 1942 was, therefore, based on the Census Bureau's monthly sample rather than on *Statistics of Income*. After 1945, sales were extrapolated by the same sample.

The revised estimates of inventories are presented here, by detailed lines of trade for year-ends 1938 to 1947. The year-end totals for all wholesale trade combined can be taken back to 1928 by reference to the changes in book values published in table 33 of the *National Income Supplement* to the SURVEY, July 1947. Details by line of trade prior to 1938 are not now available.

The 1939 estimates of corporate and noncorporate inventories were based on the Census of Wholesale Trade, 1939.

¹ Statistical revisions of retail sales data for recent years will appear in the September SURVEY.

The year-end extrapolations of corporate inventories for 1938 and for the 1940-47 period were made for the same lines of trades, and by procedures similar to those used in estimating corporate sales. However, in the case of inventories, 1942 estimates were also based on *Statistics of Income*.

Noncorporate stocks were derived annually by first extrapolating the 1939 stock-sales ratios of noncorporate wholesalers by the annual stock-sales ratios of corporate wholesalers with assets under \$50,000 (from *Statistics of Income*). These ratios were then applied to the annual estimates of noncorporate sales.

Estimates of sales and inventories of farm products (raw materials) and of assemblers (mainly farm products) for other than census years are based on selected commodity, price, and income data from the Bureau of Agricultural Economics. The wholesale motor-vehicle series utilizes statistics from the Automobile Manufacturers Association, the Bureau of Labor Statistics, and the Federal Reserve Board.

The monthly estimates for total wholesale sales and inventories are based on the assumption that the trends shown by service and limited-function wholesalers, in each type of establishment, are representative of those experienced by other groups of wholesalers in similar trades.

Adjustment for changes in business population

A major portion of the differences in movements between the old and new series is due to refinements in the latter series in adjusting for the effects of the changing business population. In the old series the only adjustment for bias was that indicated by comparing the relative changes in the 1935-39 period as shown by the Census of Business (1935 and 1939) and by the overlapping Census Bureau's monthly sample of identical firms. The bias was consistently downward, because of the expanding business population during that period.

The new series, in addition to continuing the old method of bias correction through 1941, has two additional features. First, the adjustment of the corporate series to *Statistics of Income* data automatically corrects for changes in the number of wholesale firms. Second, estimates of births and discontinuances of wholesale firms by employee-size groups, contained in the Office of Business Economics' business-population statistics, make possible a direct measurement of the sales and inventories of the net new entrants. This direct measurement was used after 1941 for those series not adjusted to *Statistics of Income* data, and, after 1945, for all series.

Table 1.—Wholesale Inventories, Year-Ends 1938-47

[Millions of dollars]

| Type of establishment | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All establishments..... | 2,964 | 3,200 | 3,357 | 4,151 | 3,702 | 3,577 | 3,686 | 4,216 | 5,823 | 7,545 |
| Durable goods..... | 877 | 962 | 1,045 | 1,255 | 956 | 881 | 913 | 1,097 | 1,789 | 2,524 |
| Nondurable goods..... | 2,087 | 2,238 | 2,312 | 2,896 | 2,746 | 2,696 | 2,773 | 3,119 | 4,034 | 5,021 |
| Service and limited-function..... | 2,381 | 2,655 | 2,836 | 3,409 | 3,056 | 2,923 | 3,022 | 3,436 | 4,612 | 5,832 |
| Durable goods..... | 354 | 948 | 1,031 | 1,223 | 937 | 861 | 894 | 1,069 | 1,709 | 2,418 |
| Automotive..... | 145 | 154 | 164 | 190 | 147 | 136 | 159 | 196 | 300 | 405 |
| Lumber and building materials..... | 147 | 157 | 183 | 198 | 161 | 146 | 152 | 152 | 229 | 357 |
| Electrical goods..... | 67 | 84 | 97 | 166 | 85 | 71 | 82 | 122 | 297 | 448 |
| Hardware..... | 119 | 147 | 154 | 187 | 146 | 124 | 131 | 144 | 227 | 307 |
| Housefurnishings..... | 63 | 71 | 65 | 88 | 66 | 45 | 38 | 35 | 77 | 93 |
| Jewelry and optical goods..... | 62 | 63 | 69 | 75 | 67 | 67 | 58 | 65 | 106 | 98 |
| Machinery and metals..... | 251 | 272 | 299 | 319 | 265 | 272 | 274 | 355 | 473 | 710 |
| Nondurable goods..... | 1,527 | 1,707 | 1,805 | 2,186 | 2,119 | 2,062 | 2,128 | 2,367 | 2,903 | 3,414 |
| Apparel..... | 60 | 87 | 86 | 108 | 102 | 88 | 85 | 92 | 106 | 194 |
| Beers, wines, and liquors..... | 111 | 122 | 147 | 174 | 153 | 153 | 199 | 204 | 277 | 366 |
| Drugs and sundries..... | 64 | 77 | 87 | 99 | 105 | 108 | 110 | 126 | 156 | 168 |
| Dry goods..... | 157 | 189 | 196 | 249 | 259 | 242 | 213 | 217 | 388 | 427 |
| Food..... | 396 | 497 | 506 | 650 | 572 | 616 | 584 | 675 | 923 | 1,003 |
| Paper and its products..... | 68 | 75 | 73 | 83 | 83 | 72 | 67 | 72 | 92 | 134 |
| Tobacco products..... | 48 | 49 | 50 | 58 | 57 | 62 | 55 | 69 | 97 | 114 |
| All other..... | 623 | 611 | 660 | 765 | 788 | 721 | 815 | 912 | 864 | 1,008 |

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

Table 2.—Wholesale Sales, Selected Years 1929-47

[Millions of dollars]

| Type of establishment | 1929 | 1933 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| All establishments..... | 37,814 | 16,550 | 23,585 | 28,394 | 31,789 | 27,322 | 30,057 | 33,478 | 42,957 | 48,191 | 51,957 | 54,063 | 57,323 | 73,653 | 87,646 |
| Durable goods..... | 7,827 | 2,548 | 4,947 | 6,704 | 7,762 | 5,802 | 7,191 | 8,928 | 12,416 | 10,634 | 9,724 | 10,190 | 10,809 | 16,844 | 22,637 |
| Nondurable goods..... | 29,987 | 14,002 | 18,638 | 21,690 | 24,027 | 21,520 | 22,866 | 24,550 | 30,541 | 37,557 | 42,233 | 43,873 | 46,514 | 56,809 | 65,009 |
| Service and limited-function..... | 30,343 | 12,950 | 18,350 | 22,293 | 25,026 | 21,299 | 23,642 | 26,606 | 34,244 | 36,814 | 38,307 | 40,525 | 43,024 | 56,521 | 66,221 |
| Durable goods..... | 7,700 | 2,489 | 4,866 | 6,598 | 7,640 | 5,716 | 7,086 | 8,801 | 12,223 | 10,447 | 9,543 | 10,001 | 10,622 | 16,580 | 22,306 |
| Automotive..... | 1,383 | 438 | 1,518 | 2,107 | 2,360 | 1,490 | 1,995 | 2,685 | 3,181 | 1,161 | 1,033 | 1,265 | 1,576 | 3,508 | 5,100 |
| Lumber and building materials..... | 1,920 | 492 | 801 | 1,132 | 1,310 | 1,072 | 1,264 | 1,567 | 2,070 | 2,223 | 1,892 | 1,938 | 1,940 | 2,782 | 3,980 |
| Electrical goods..... | 917 | 290 | 577 | 735 | 890 | 642 | 788 | 957 | 1,438 | 1,336 | 1,000 | 1,075 | 1,284 | 2,210 | 3,682 |
| Hardware..... | 715 | 340 | 428 | 529 | 600 | 528 | 592 | 678 | 893 | 943 | 876 | 1,028 | 1,145 | 1,809 | 2,179 |
| Housefurnishings..... | 495 | 175 | 243 | 315 | 350 | 303 | 373 | 406 | 586 | 616 | 549 | 507 | 473 | 772 | 1,016 |
| Jewelry and optical goods..... | 380 | 105 | 181 | 237 | 273 | 237 | 276 | 309 | 426 | 436 | 488 | 480 | 493 | 679 | 625 |
| Machinery and metals..... | 1,890 | 649 | 1,118 | 1,543 | 1,857 | 1,444 | 1,798 | 2,199 | 3,629 | 3,732 | 3,708 | 3,711 | 4,820 | 5,724 | |
| Nondurable goods..... | 22,643 | 10,461 | 13,485 | 15,695 | 17,386 | 15,583 | 16,556 | 17,805 | 22,021 | 26,367 | 28,764 | 30,524 | 32,402 | 39,941 | 43,915 |
| Apparel..... | 1,136 | 408 | 613 | 684 | 728 | 649 | 700 | 745 | 980 | 1,107 | 1,180 | 1,221 | 1,234 | 1,656 | 2,021 |
| Beers, wines, and liquors..... | 21 | 130 | 699 | 987 | 1,212 | 1,216 | 1,249 | 1,293 | 1,685 | 2,150 | 2,224 | 2,778 | 3,248 | 3,674 | 3,469 |
| Drugs and sundries..... | 535 | 352 | 430 | 496 | 536 | 506 | 521 | 591 | 653 | 741 | 785 | 876 | 1,091 | 1,185 | 1,279 |
| Dry goods..... | 1,714 | 842 | 1,021 | 1,199 | 1,230 | 1,060 | 1,188 | 1,186 | 1,645 | 2,076 | 2,242 | 2,178 | 2,098 | 3,135 | 3,110 |
| Food..... | 8,600 | 4,743 | 5,578 | 6,009 | 6,564 | 6,038 | 6,189 | 6,649 | 7,829 | 9,445 | 9,935 | 10,422 | 11,089 | 14,136 | 15,761 |
| Paper and its products..... | 704 | 334 | 409 | 480 | 554 | 504 | 575 | 616 | 827 | 839 | 910 | 928 | 944 | 1,318 | 1,552 |
| Tobacco products..... | 859 | 526 | 753 | 956 | 1,032 | 1,043 | 1,106 | 1,173 | 1,293 | 1,426 | 1,556 | 1,560 | 1,655 | 2,191 | 2,346 |
| All other..... | 9,074 | 3,126 | 3,982 | 4,884 | 5,530 | 4,567 | 5,028 | 5,552 | 7,109 | 8,583 | 9,932 | 10,561 | 11,043 | 12,646 | 14,377 |

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

Table 3.—Wholesale Sales, Monthly 1947-48

[Millions of dollars]

| Type of establishment | 1947 | | | | | | | | | | | | 1948 | | | | | |
|------------------------------------|----------|-----------|-------|-------|-------|-------|-------|---------|------------|----------|-----------|-----------|----------|-----------|-------|-------|-------|-------|
| | Janu-ary | Febru-ary | March | April | May | June | July | Aug-ust | Sep-tember | Octo-ber | Novem-ber | Decem-ber | Janu-ary | Febru-ary | March | April | May | June |
| All establishments..... | 6,967 | 6,459 | 6,796 | 6,843 | 6,859 | 6,800 | 7,096 | 7,072 | 7,763 | 8,716 | 8,013 | 8,262 | 7,692 | 7,121 | 7,726 | 7,652 | 7,389 | 7,763 |
| Durable goods..... | 1,685 | 1,708 | 1,848 | 1,939 | 1,884 | 1,817 | 1,761 | 1,791 | 1,951 | 2,179 | 1,998 | 2,076 | 1,901 | 1,893 | 2,176 | 2,225 | 2,076 | 2,145 |
| Nondurable goods..... | 5,282 | 4,751 | 4,948 | 4,904 | 4,975 | 4,983 | 5,335 | 5,281 | 5,812 | 6,537 | 6,015 | 6,186 | 5,791 | 5,228 | 5,550 | 5,427 | 5,313 | 5,618 |
| Service and limited function..... | 5,284 | 4,931 | 5,197 | 5,196 | 5,171 | 5,065 | 5,230 | 5,342 | 5,912 | 6,679 | 6,036 | 6,178 | 5,720 | 5,282 | 5,868 | 5,815 | 5,517 | 5,732 |
| Durable goods..... | 1,660 | 1,684 | 1,823 | 1,911 | 1,856 | 1,792 | 1,734 | 1,766 | 1,923 | 2,144 | 1,967 | 2,046 | 1,874 | 1,867 | 2,143 | 2,193 | 2,047 | 2,114 |
| Automotive..... | 377 | 385 | 413 | 436 | 423 | 418 | 415 | 410 | 452 | 471 | 453 | 447 | 432 | 425 | 476 | 485 | 458 | 473 |
| Lumber and building materials..... | 321 | 311 | 321 | 324 | 302 | 296 | 307 | 318 | 354 | 410 | 362 | 354 | 355 | 331 | 380 | 405 | 371 | 384 |
| Electrical goods..... | 227 | 269 | 294 | 327 | 316 | 309 | 297 | 276 | 304 | 333 | 314 | 416 | 296 | 309 | 368 | 382 | 344 | 348 |
| Hardware..... | 159 | 165 | 189 | 196 | 185 | 172 | 170 | 173 | 189 | 215 | 189 | 177 | 170 | 173 | 205 | 214 | 195 | 198 |
| Housefurnishings..... | 78 | 69 | 66 | 73 | 80 | 81 | 71 | 92 | 104 | 118 | 99 | 85 | 82 | 84 | 92 | 90 | 94 | 98 |
| Jewelry and optical goods..... | 36 | 46 | 47 | 48 | 47 | 41 | 39 | 52 | 58 | 69 | 68 | 74 | 38 | 48 | 58 | 55 | 51 | 49 |
| Machinery and metals..... | 462 | 439 | 493 | 507 | 503 | 475 | 435 | 445 | 462 | 528 | 482 | 493 | 501 | 497 | 564 | 562 | 534 | 564 |
| Nondurable goods..... | 3,624 | 3,247 | 3,374 | 3,285 | 3,315 | 3,273 | 3,496 | 3,576 | 3,989 | 4,535 | 4,069 | 4,132 | 3,846 | 3,415 | 3,725 | 3,622 | 3,470 | 3,618 |
| Apparel..... | 186 | 170 | 166 | 155 | 149 | 138 | 144 | 160 | 190 | 218 | 189 | 156 | 170 | 170 | 198 | 177 | 147 | 134 |
| Beers, wines, and liquors..... | 250 | 236 | 265 | 258 | 249 | 261 | 279 | 288 | 316 | 424 | 291 | 352 | 268 | 243 | 277 | 275 | 265 | 285 |
| Drugs and sundries..... | 105 | 98 | 110 | 110 | 99 | 92 | 98 | 95 | 111 | 135 | 111 | 115 | 115 | 102 | 120 | 115 | 104 | 107 |
| Dry goods..... | 267 | 237 | 249 | 238 | 233 | 218 | 231 | 274 | 311 | 336 | 285 | 231 | 242 | 238 | 283 | 256 | 236 | 249 |
| Food..... | 1,294 | 1,172 | 1,265 | 1,234 | 1,251 | 1,273 | 1,337 | 1,244 | 1,411 | 1,545 | 1,346 | 1,389 | 1,373 | 1,163 | 1,343 | 1,382 | 1,358 | 1,434 |
| Paper and its products..... | 128 | 112 | 119 | 126 | 124 | 127 | 122 | 125 | 146 | 157 | 132 | 134 | 133 | 123 | 128 | 126 | 119 | 127 |
| Tobacco products..... | 183 | 172 | 175 | 186 | 194 | 193 | 204 | 202 | 202 | 219 | 198 | 218 | 182 | 174 | 194 | 192 | 187 | 202 |
| All other..... | 1,211 | 1,050 | 1,025 | 978 | 1,016 | 971 | 1,081 | 1,188 | 1,302 | 1,501 | 1,517 | 1,537 | 1,363 | 1,202 | 1,182 | 1,099 | 1,054 | 1,080 |

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

Business Situation

(Continued from p. 3)

virtually stable over this interval at slightly in excess of 42 hours per week.

The following figures on the number of hours worked in nonfarm areas summarize the significant shifts in the length of the workweek:

Hours Worked in Nonagricultural Employment

| Survey week | Average hours worked (hours per week) | Proportion of persons working by number of hours worked per week (percent) | | | Total |
|----------------|---------------------------------------|----------------------------------------------------------------------------|-------|---------|-------|
| | | Under 35 | 35-40 | Over 40 | |
| June 1946..... | 43.0 | 11.9 | 41.0 | 47.0 | 100.0 |
| June 1947..... | 42.4 | 12.2 | 45.7 | 42.2 | 100.0 |
| June 1948..... | 42.3 | 12.7 | 45.5 | 41.7 | 100.0 |

It is clear that the major changes have been the decrease in the relative number of persons working more than 40 hours a week and a corresponding return to the more typical "40 hour week." For the past 2 years the length of the workweek has been virtually stabilized.

Wage-Rate Increases Boost Pay Rolls

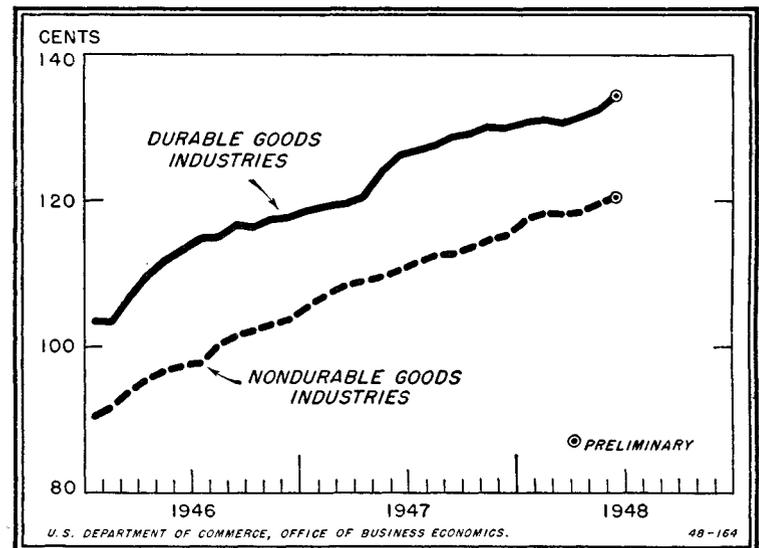
The influence upon income of recent labor developments has also been significant. With demand for labor continuing high, wage increases have served to lift labor income and incomes generally. In the year between the second quarters of 1947 and 1948, private nonagricultural pay rolls increased by about 13 percent. Of this gain, two-thirds represents a rise in hourly earnings and the remainder is due to a rise of man-hours of employment. While the share of the rise attributed to the increase in earnings may be due in part to the changed composition of the working force, the major part of this gain is undoubtedly due to higher wage rates.

Wages in Durable-Goods Manufacturing Rise

With a number of the more important recent wage settlements reflected for the first time in the earnings data, earnings in manufacturing rose by almost two cents an hour in June to \$1.32. This June earnings figure does not include some major wage increases which have since been granted.

Chart 7 shows for the two major manufacturing branches the average hourly earnings adjusted to eliminate the effect of changes in premium rates for overtime. As may be seen, the May-to-June rise this year was more prominent in the durable-goods sector, reflecting wage increases in the auto-

Chart 7.—Straight-Time Average Hourly Earnings, Manufacturing Industries



Source of data: U. S. Department of Labor, Bureau of Labor Statistics.

mobile, electrical equipment, and machinery groups. The flattening out of the trend of hourly earnings in the months of 1948 prior to June stands in contrast to the movement for the similar periods of 1946 and 1947, when wage increases in the hard-goods group were somewhat more rapidly negotiated and of larger magnitudes.

As average hours of work have undergone little change over the last year, weekly earnings in manufacturing have closely paralleled changes in wage rates, increasing about 7.5 percent between the second quarters of 1947 and 1948. A rough estimate for nonmanufacturing industries indicates a slightly lower percentage increase, with the result that the rise for all private nonfarm groups amounts to roughly 7 percent during this same interval. It should be pointed out, however, that the different timing of the wage adjustments in 1947 and 1948 tends to understate the year-to-year wage increases actually received. Furthermore, in terms of take-home pay, the rise is somewhat greater than the indicated 7 percent because of the tax reduction effective in May and June of this year.

Monthly BUSINESS STATISTICS



THE DATA here are a continuation of the statistics published in the 1942 Supplement to the SURVEY OF CURRENT BUSINESS. That volume contains monthly data for the years 1938 to 1941, and monthly averages for earlier years back to 1913 insofar as available; it also provides a description of each series and references to sources of monthly figures prior to 1938. Series added or revised since publication of the 1942 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 refer to adjustment of monthly figures for seasonal variation.

Data subsequent to June for selected series will be found in the Weekly Supplement to the Survey.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|------|------|--------|------------|----------|-----------|-----------|----------|-----------|-------|-------|-----|
| | June | July | August | Sep-tember | Octo-ber | Novem-ber | Decem-ber | Janu-ary | Febru-ary | March | April | May | June |

GENERAL BUSINESS INDICATORS

| GENERAL BUSINESS INDICATORS | | | | | | | | | | | | | |
|---------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|---------|-------|
| NATIONAL INCOME AND PRODUCT* | | | | | | | | | | | | | |
| Seasonally adjusted quarterly totals at annual rates: | | | | | | | | | | | | | |
| National income..... bil. of dol. | 199.3 | | | 200.6 | | | 212.8 | | | † 215.1 | | | 133.9 |
| Compensation of employees..... do. | 125.3 | | | 127.6 | | | 132.2 | | | † 133.7 | | | 129.1 |
| Wages and salaries..... do. | 119.6 | | | 122.5 | | | 127.1 | | | 128.8 | | | 111.0 |
| Private..... do. | 102.3 | | | 105.3 | | | 109.5 | | | 111.1 | | | 3.6 |
| Military..... do. | 3.9 | | | 3.7 | | | 3.6 | | | 3.5 | | | 14.2 |
| Government civilian..... do. | 13.4 | | | 13.5 | | | 14.0 | | | 14.2 | | | 4.9 |
| Supplements to wages and salaries..... do. | 5.7 | | | 5.1 | | | 5.0 | | | † 4.9 | | | 51.9 |
| Proprietors' and rental income..... do. | 44.6 | | | 44.4 | | | 48.6 | | | 50.6 | | | 25.4 |
| Business and professional..... do. | 22.7 | | | 23.0 | | | 24.7 | | | 25.0 | | | 18.9 |
| Farm..... do. | 14.9 | | | 14.3 | | | 16.5 | | | 18.0 | | | 7.6 |
| Rental income of persons..... do. | 7.0 | | | 7.1 | | | 7.4 | | | 7.5 | | | |
| Corporate profits and inventory valuation ad-justment..... bil. of dol. | 25.2 | | | 24.3 | | | 27.5 | | | † 26.2 | | | |
| Corporate profits before tax..... do. | 28.8 | | | 29.1 | | | 32.4 | | | 31.4 | | | |
| Corporate profits tax liability..... do. | 11.3 | | | 11.4 | | | 12.7 | | | 12.2 | | | |
| Corporate profits after tax..... do. | 17.5 | | | 17.7 | | | 19.7 | | | 19.2 | | | |
| Inventory valuation adjustment..... do. | -3.6 | | | -4.8 | | | -4.9 | | | -5.3 | | | -2.5 |
| Net interest..... do. | 4.2 | | | 4.4 | | | 4.5 | | | 4.6 | | | 4.7 |
| Gross national product..... do. | 228.3 | | | 227.9 | | | 243.8 | | | † 243.8 | | | 248.2 |
| Personal consumption expenditures..... do. | 164.2 | | | 165.6 | | | 171.1 | | | † 172.0 | | | 175.1 |
| Durable goods..... do. | 21.1 | | | 21.1 | | | 22.1 | | | 21.4 | | | 22.3 |
| Nondurable goods..... do. | 96.3 | | | 96.8 | | | 100.2 | | | † 101.0 | | | 102.4 |
| Services..... do. | 46.7 | | | 47.7 | | | 48.8 | | | 49.6 | | | 50.4 |
| Gross private domestic investment..... do. | 26.4 | | | 25.6 | | | 35.4 | | | † 38.5 | | | 37.2 |
| New construction..... do. | 10.3 | | | 11.6 | | | 14.0 | | | 14.3 | | | 14.3 |
| Producers' durable equipment..... do. | 17.9 | | | 17.6 | | | 18.9 | | | 19.6 | | | 20.6 |
| Change in business inventories..... do. | -1.8 | | | -3.5 | | | 2.5 | | | † 4.6 | | | 2.3 |
| Net foreign investment..... do. | 10.2 | | | 8.4 | | | 8.2 | | | 3.9 | | | 3.9 |
| Government purchases of goods and services..... bil. of dol. | 27.6 | | | 28.3 | | | 29.0 | | | 29.4 | | | 32.1 |
| Federal (less Government sales)..... do. | 15.7 | | | 15.7 | | | 15.5 | | | 16.0 | | | 17.9 |
| State and local..... do. | 11.9 | | | 12.6 | | | 13.5 | | | 13.4 | | | 14.2 |
| Personal income..... do. | 189.6 | | | 196.7 | | | 203.1 | | | 207.3 | | | 208.8 |
| Less: Personal tax and nontax payments..... do. | 21.4 | | | 21.7 | | | 22.2 | | | † 23.6 | | | 21.6 |
| Equals: Disposable personal income..... do. | 168.2 | | | 175.0 | | | 180.9 | | | † 183.7 | | | 187.3 |
| Personal savings\$..... do. | 4.1 | | | 9.4 | | | 9.7 | | | † 11.7 | | | 12.2 |
| PERSONAL INCOME* | | | | | | | | | | | | | |
| Seasonally adjusted, at annual rates: | | | | | | | | | | | | | |
| Total personal income..... bil. of dol. | 192.4 | 193.2 | 190.8 | 206.2 | 200.0 | 201.4 | 207.7 | 209.4 | 206.8 | 205.6 | 207.4 | † 207.2 | 211.9 |
| Wage and salary receipts, total..... do. | 119.6 | 119.4 | 120.1 | 121.9 | 122.7 | 125.5 | 127.4 | 127.5 | 126.9 | 125.7 | 125.0 | † 126.8 | 129.1 |
| Total employer disbursements..... do. | 121.7 | 121.4 | 122.2 | 123.9 | 124.7 | 127.3 | 129.4 | 129.7 | 128.9 | 127.8 | 127.0 | † 128.8 | 131.3 |
| Commodity-producing industries..... do. | 54.0 | 53.6 | 54.3 | 55.4 | 55.9 | 57.4 | 59.2 | 59.3 | 58.0 | 57.0 | 56.3 | † 57.2 | 59.0 |
| Distributive industries..... do. | 35.0 | 35.2 | 35.4 | 36.0 | 36.0 | 37.1 | 37.4 | 37.5 | 37.8 | 37.5 | 37.2 | † 37.9 | 38.2 |
| Service industries..... do. | 15.3 | 15.5 | 15.3 | 15.2 | 15.2 | 15.2 | 15.2 | 15.3 | 15.4 | 15.4 | 15.6 | † 15.6 | 15.8 |
| Government..... do. | 17.4 | 17.1 | 17.2 | 17.3 | 17.6 | 17.6 | 17.6 | 17.6 | 17.7 | 17.9 | 17.9 | † 18.1 | 18.3 |
| Less employee contributions for social insur-ance..... bil. of dol. | 2.1 | 2.0 | 2.1 | 2.0 | 2.0 | 1.8 | 2.0 | 2.2 | 2.0 | 2.1 | 2.0 | 2.0 | 2.2 |
| Other labor income..... do. | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 1.9 | 2.0 | 2.0 | 2.0 |
| Proprietors' and rental income..... do. | 45.1 | 45.3 | 42.8 | 45.0 | 47.5 | 47.1 | 51.3 | 52.4 | 50.0 | 49.3 | 51.9 | † 50.7 | 53.0 |
| Personal interest income and dividends..... do. | 15.4 | 15.6 | 15.6 | 16.2 | 15.9 | 16.1 | 16.2 | 16.5 | 16.6 | 16.6 | 16.7 | † 16.8 | 16.8 |
| Total transfer payments..... do. | 10.5 | 11.1 | 10.5 | 21.2 | 12.0 | 10.8 | 10.9 | 11.1 | 11.3 | 12.1 | 11.8 | † 10.9 | 11.0 |
| Total nonagricultural income..... do. | 172.4 | 172.9 | 173.1 | 187.4 | 179.7 | 181.4 | 184.2 | 184.7 | 184.5 | 184.1 | 183.7 | 184.4 | 187.1 |
| NEW PLANT AND EQUIPMENT EXPENDITURES* | | | | | | | | | | | | | |
| All industries, total..... mil. of dol. | 3,940 | | | 4,140 | | | 4,960 | | | 4,170 | | | 4,600 |
| Electric and gas utilities..... do. | 450 | | | 500 | | | 620 | | | 500 | | | 610 |
| Manufacturing and mining..... do. | 2,010 | | | 2,050 | | | 2,500 | | | 1,980 | | | 2,190 |
| Railroad..... do. | 220 | | | 230 | | | 310 | | | 270 | | | 350 |
| Commercial and miscellaneous..... do. | 1,260 | | | 1,360 | | | 1,530 | | | 1,420 | | | 1,540 |
| FARM INCOME AND MARKETINGS | | | | | | | | | | | | | |
| Cash farm income, total, including Government payments*..... mil. of dol. | | | | | | | | | | | | | |
| From marketings and C. C. C. loans*..... do. | 2,211 | 2,662 | 2,517 | 3,060 | 3,773 | 3,109 | 2,927 | 2,581 | 1,866 | 2,001 | 2,096 | † 2,103 | 2,377 |
| Crops*..... do. | 2,185 | 2,657 | 2,505 | 3,049 | 3,759 | 3,096 | 2,909 | 2,555 | 1,837 | 1,961 | 2,047 | † 2,065 | 2,377 |
| Livestock and products*..... do. | 743 | 1,205 | 1,187 | 1,497 | 2,122 | 1,540 | 1,299 | 1,044 | 717 | 698 | 670 | † 602 | 764 |
| Dairy products*..... do. | 1,442 | 1,452 | 1,318 | 1,552 | 1,637 | 1,556 | 1,610 | 1,511 | 1,120 | 1,263 | 1,377 | † 1,463 | 1,613 |
| Meat animals*..... do. | 392 | 382 | 353 | 334 | 319 | 293 | 303 | 329 | 318 | 373 | 392 | † 460 | 468 |
| Poultry and eggs*..... do. | 782 | 785 | 711 | 958 | 1,039 | 970 | 1,019 | 968 | 593 | 645 | 720 | † 725 | 873 |
| | 234 | 251 | 232 | 244 | 262 | 280 | 279 | 206 | 201 | 237 | 250 | 255 | 243 |

* Revised. † Personal savings is the excess of disposable income over personal consumption expenditures shown as a component of gross national product above.

*New series. Quarterly data for 1939-43 and earlier annual data beginning 1929 for national income and gross national product and monthly data for 1929-43 for personal income are published in the "National Income Supplement to Survey of Current Business," which is available from the Superintendent of Documents, Washington, D. C., for 25 cents; revised figures beginning 1944 on pp. 27-29 of the July 1948 Survey. For description of the series on plant and equipment expenditures and data for 1929-45, see p. 24 of the March 1948 Survey; second quarter of 1948 estimates are based on anticipated capital expenditures of business. Revisions for January 1945-May 1946 for farm income are available on request; see note in September 1947 Survey regarding earlier data; revisions beginning 1945 were in part to adjust the series to levels indicated by 1945 Census data; 1940-44 data have not been similarly revised.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|------|------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| GENERAL BUSINESS INDICATORS—Continued | | | | | | | | | | | | | |
| FARM INCOME AND MARKETINGS—Con. | | | | | | | | | | | | | |
| Indexes of cash income from marketings and C. C. C. loans, unadjusted: | | | | | | | | | | | | | |
| All commodities†..... 1935-39=100..... | 329 | 400 | 377 | 459 | 566 | 466 | 438 | 385 | 276 | 295 | 308 | *311 | 358 |
| Crops†..... do..... | 260 | 422 | 416 | 524 | 743 | 539 | 455 | 366 | 251 | 244 | 235 | *211 | 267 |
| Livestock†..... do..... | 381 | 383 | 348 | 410 | 432 | 411 | 425 | 399 | 295 | 333 | 364 | *386 | 426 |
| Indexes of volume of farm marketings, unadjusted: | | | | | | | | | | | | | |
| All commodities*..... 1935-39=100..... | 138 | 167 | 152 | 172 | 199 | 160 | 151 | 134 | 109 | 111 | 115 | *118 | 130 |
| Crops*..... do..... | 106 | 180 | 170 | 202 | 255 | 170 | 152 | 130 | 102 | 86 | 80 | *76 | 97 |
| Livestock*..... do..... | 161 | 156 | 138 | 150 | 157 | 163 | 150 | 136 | 114 | 129 | 141 | *150 | 154 |
| INDUSTRIAL PRODUCTION | | | | | | | | | | | | | |
| <i>Federal Reserve Index</i> | | | | | | | | | | | | | |
| Unadjusted, combined index†..... 1935-39=100..... | 185 | 178 | 185 | 191 | 194 | 193 | 189 | 189 | 190 | 188 | 186 | *191 | 193 |
| Manufactures†..... do..... | 191 | 184 | 191 | 197 | 200 | 200 | 196 | 197 | 197 | 197 | 193 | *196 | 198 |
| Durable manufactures†..... do..... | 220 | 208 | 212 | 219 | 224 | 224 | 227 | 226 | 223 | *228 | 217 | *221 | 223 |
| Iron and steel†..... do..... | 193 | 181 | 188 | 195 | 204 | 202 | 205 | 203 | 203 | 207 | 177 | *206 | 207 |
| Lumber and products†..... do..... | 149 | 141 | 151 | 150 | 150 | 148 | 140 | 138 | 137 | 143 | *144 | *145 | 147 |
| Furniture†..... do..... | 160 | 155 | 160 | 164 | 172 | 176 | 181 | 179 | 178 | *178 | *169 | *164 | 161 |
| Lumber†..... do..... | 143 | 133 | 147 | 143 | 138 | 133 | 119 | 117 | 116 | 125 | 131 | *134 | 140 |
| Machinery†..... do..... | 275 | 266 | 267 | 276 | 280 | 281 | 288 | 285 | 284 | 283 | 276 | *272 | 274 |
| Nonferrous metals and products†..... do..... | 179 | 171 | 170 | 174 | 179 | 185 | 189 | *195 | *199 | *201 | *200 | *196 | 193 |
| Fabricating*..... do..... | 176 | 167 | 167 | 171 | 180 | 188 | 192 | 197 | 202 | 203 | 198 | *197 | 193 |
| Smelting and refining*..... do..... | 187 | 180 | 180 | 182 | 176 | 178 | 183 | *188 | *190 | *193 | *203 | *203 | 193 |
| Stone, clay, and glass products†..... do..... | 209 | 196 | 207 | 210 | 210 | 206 | 200 | 190 | 193 | 201 | 208 | 211 | *209 |
| Cement..... do..... | 183 | 181 | 193 | 198 | 202 | 192 | 178 | 161 | 158 | 160 | 183 | 196 | 203 |
| Clay products*..... do..... | 163 | 160 | 166 | 166 | 169 | 169 | 172 | 166 | 160 | 169 | 168 | *171 | *175 |
| Glass containers†..... do..... | 254 | 225 | 241 | 248 | 236 | 231 | 203 | 196 | 201 | 219 | 227 | 233 | 207 |
| Transportation equipment..... do..... | 233 | 217 | 213 | 227 | 232 | 234 | 244 | 244 | 232 | *240 | 237 | *215 | *227 |
| Automobiles†..... do..... | 191 | 185 | 180 | 197 | 198 | 200 | 206 | 206 | 192 | 202 | *197 | *175 | 192 |
| Nondurable manufactures†..... do..... | 168 | 164 | 173 | 178 | 181 | 180 | 171 | 173 | 176 | 173 | 174 | *177 | 178 |
| Alcoholic beverages†..... do..... | 178 | 182 | 181 | 206 | 252 | 196 | 146 | 142 | 176 | 172 | 178 | 173 | 186 |
| Chemicals†..... do..... | 247 | 247 | 245 | 248 | 251 | 252 | 255 | 253 | 253 | 252 | 251 | 249 | 251 |
| Industrial chemicals*..... do..... | 439 | 438 | 431 | 425 | 427 | 431 | 438 | 437 | 434 | 433 | 439 | *437 | 443 |
| Leather and products†..... do..... | 106 | 99 | 116 | 121 | 126 | 126 | 113 | 120 | 126 | 114 | 110 | *108 | 109 |
| Leather tanning*..... do..... | 112 | 100 | 114 | 118 | 123 | 126 | 112 | 117 | 124 | 101 | 105 | 109 | 107 |
| Shoes..... do..... | 103 | 97 | 117 | 123 | 128 | 126 | 114 | 122 | 127 | 123 | 113 | 107 | *111 |
| Manufactured food products†..... do..... | 154 | 166 | 178 | 182 | 167 | 161 | 154 | 146 | 144 | 141 | 143 | *153 | 162 |
| Dairy products..... do..... | *229 | *229 | *192 | *156 | *121 | *91 | *88 | *87 | *99 | *119 | *155 | *201 | *224 |
| Meat packing..... do..... | 150 | 146 | 127 | 136 | 144 | 189 | 187 | 175 | 141 | 121 | 116 | 127 | 151 |
| Processed fruits and vegetables*..... do..... | 101 | 173 | 263 | 290 | 173 | 118 | 108 | 92 | 91 | 85 | 90 | *96 | 111 |
| Paper and products..... do..... | 160 | 145 | 158 | 159 | 163 | 165 | 157 | 163 | 163 | 167 | 169 | 170 | 165 |
| Paper and pulp†..... do..... | 155 | 140 | 152 | 153 | 157 | 160 | 152 | 157 | 159 | 160 | 163 | 164 | 160 |
| Petroleum and coal products†..... do..... | *191 | *195 | *201 | *203 | *204 | *205 | *208 | *214 | *215 | *211 | *213 | *220 | *222 |
| Coke..... do..... | 165 | 161 | 171 | 170 | 177 | 177 | 179 | 178 | 179 | 166 | 137 | 174 | 175 |
| Petroleum refining†..... do..... | 146 | 130 | 139 | 145 | 156 | 158 | 150 | 144 | 155 | 153 | 159 | 159 | 156 |
| Printing and publishing†..... do..... | 216 | 207 | 210 | 217 | 223 | 225 | 230 | 223 | 215 | 205 | 200 | *200 | 200 |
| Rubber products†..... do..... | 155 | 142 | 154 | 160 | 164 | 172 | 163 | 179 | 179 | 175 | 174 | *176 | 173 |
| Textiles and products†..... do..... | 133 | 118 | 130 | 130 | 139 | 149 | 131 | 153 | 147 | 147 | 147 | 147 | 140 |
| Cotton consumption..... do..... | 263 | 263 | 267 | 278 | 280 | 290 | 287 | 300 | 295 | 302 | 297 | *308 | 309 |
| Rayon deliveries..... do..... | 155 | 130 | 156 | 168 | 167 | 172 | 166 | 181 | 185 | 177 | 179 | 179 | 173 |
| Wool textile production..... do..... | 165 | 162 | 165 | 172 | 181 | 172 | 139 | 153 | 147 | 155 | 173 | 169 | 173 |
| Tobacco products..... do..... | 152 | 145 | 155 | 158 | 158 | 155 | 151 | 149 | 149 | 136 | 145 | *164 | 163 |
| Minerals†..... do..... | 153 | 144 | 155 | 160 | 162 | 163 | 162 | 160 | 161 | 146 | 149 | 168 | 164 |
| Fuels†..... do..... | 110 | 93 | 114 | 122 | 126 | 119 | 111 | 112 | 118 | 108 | 105 | 116 | 105 |
| Anthracite†..... do..... | 147 | 117 | 151 | 161 | 163 | 169 | 164 | 161 | 155 | 97 | 102 | 171 | 157 |
| Bituminous coal†..... do..... | 159 | 160 | 161 | 164 | 166 | 165 | 166 | 165 | 167 | 169 | 171 | 172 | 173 |
| Crude petroleum..... do..... | 148 | 151 | 151 | 145 | 132 | 106 | 85 | 81 | 83 | 82 | *126 | *144 | 149 |
| Metals..... do..... | 184 | 176 | 182 | 187 | 190 | 192 | 192 | 193 | 194 | 191 | 188 | *191 | 192 |
| Adjusted, combined index†..... do..... | 184 | 176 | 182 | 187 | 190 | 192 | 192 | 193 | 194 | 191 | 188 | *191 | 192 |
| Manufactures..... do..... | 191 | 183 | 188 | 192 | 197 | 199 | 198 | 200 | 201 | 200 | 195 | 197 | 198 |
| Durable manufactures..... do..... | 219 | 207 | 210 | 217 | 223 | 224 | 229 | 229 | 226 | 229 | 217 | *220 | 222 |
| Lumber and products..... do..... | 142 | 133 | 142 | 140 | 143 | 150 | 153 | 155 | 150 | 151 | *145 | *142 | 140 |
| Lumber..... do..... | 133 | 121 | 133 | 128 | 128 | 137 | 139 | 143 | 135 | 137 | 132 | *131 | 129 |
| Nonferrous metals..... do..... | 179 | 171 | 170 | 174 | 179 | 185 | 189 | *195 | *199 | 200 | 199 | *197 | 193 |
| Smelting and refining*..... do..... | 188 | 181 | 180 | 182 | 176 | 177 | 183 | 187 | 189 | 192 | 202 | *203 | 194 |
| Stone, clay, and glass products..... do..... | 207 | 195 | 199 | 202 | 201 | 201 | 205 | 202 | 207 | *211 | 211 | 205 | 206 |
| Cement..... do..... | 171 | 164 | 171 | 171 | 174 | 178 | 196 | 199 | 208 | 196 | 193 | 187 | 190 |
| Clay products*..... do..... | 164 | 160 | 162 | 160 | 161 | 162 | 166 | 179 | 168 | 176 | 173 | *172 | 176 |
| Glass containers..... do..... | 257 | 235 | 231 | 243 | 229 | 229 | 218 | 200 | 208 | 219 | 227 | 218 | 209 |
| Nondurable manufactures..... do..... | 168 | 163 | 169 | 172 | 176 | 179 | 173 | 178 | 180 | 177 | 177 | *178 | 178 |
| Alcoholic beverages..... do..... | 159 | 164 | 176 | 198 | 229 | 219 | 167 | 167 | 198 | 191 | 182 | 167 | 170 |
| Chemicals..... do..... | 250 | 251 | 249 | 248 | 248 | 251 | 254 | 255 | 252 | 250 | 249 | 250 | 254 |
| Leather and products..... do..... | 107 | 101 | 116 | 122 | 126 | 124 | 114 | 120 | 123 | 115 | 110 | *108 | 110 |
| Leather tanning*..... do..... | 114 | 106 | 115 | 120 | 121 | 122 | 113 | 116 | 116 | 102 | 105 | 110 | 110 |
| Manufactured food products..... do..... | 154 | 155 | 157 | 158 | 156 | 158 | 158 | 158 | 160 | 158 | 157 | *159 | 162 |
| Dairy products..... do..... | *155 | *155 | *147 | *148 | *147 | *140 | *138 | *139 | *139 | *145 | *149 | *151 | 152 |
| Meat packing..... do..... | 152 | 156 | 145 | 146 | 142 | 170 | 160 | 150 | 147 | 131 | 125 | 127 | 145 |
| Processed fruits and vegetables*..... do..... | 132 | 133 | 138 | 149 | 134 | 129 | 138 | 141 | 144 | 155 | 147 | *148 | 142 |
| Paper and products..... do..... | 160 | 146 | 158 | 159 | 163 | 165 | 158 | 163 | 163 | 166 | 168 | 169 | 165 |
| Paper and pulp..... do..... | 155 | 140 | 153 | 153 | 157 | 160 | 153 | 157 | 158 | 160 | 163 | 164 | 159 |
| Petroleum and coal products..... do..... | *191 | *195 | *201 | *203 | *204 | *205 | *208 | *214 | *215 | *211 | *214 | *220 | 222 |
| Petroleum refining†..... do..... | 146 | 139 | 145 | 144 | 152 | 162 | 146 | 148 | 157 | 150 | 154 | 156 | 158 |
| Printing and publishing..... do..... | 155 | 142 | 154 | 160 | 164 | 172 | 163 | 179 | 179 | 175 | 174 | *176 | 173 |
| Textiles and products..... do..... | 159 | 156 | 160 | 163 | 175 | 169 | 149 | 153 | 155 | 164 | 183 | 163 | 166 |
| Tobacco products..... do..... | 148 | 140 | 150 | 153 | 155 | 155 | 156 | 154 | 155 | 142 | 147 | *162 | 158 |
| Minerals..... do..... | 122 | 117 | 117 | 111 | 107 | 109 | 117 | 117 | 120 | 118 | *137 | *128 | 124 |

* Revised. † Preliminary. ‡ Index is in process of revision.

* New series. Data beginning 1939 for the new series under industrial production are shown on pp. 18 and 19 of the December 1943 Survey. See note in January 1948 Survey for source of indexes of volume of farm marketings and reference to figures beginning 1929; annual indexes for 1939, 1941 and 1944-47 are shown on the back cover of the February 1948 Survey; they include revisions in marketings data and also, for 1945-46, adjustments to 1945 census data which have not been incorporated in monthly figures; 1940-44 annual indexes and 1940-46 monthly data have not been adjusted to census data.

† Revised series. For revisions for the indicated unadjusted indexes and all seasonally adjusted indexes for the industrial production series, see pp. 18-20 of December 1943 Survey; seasonal adjustment factors for a number of industries were fixed at 100 beginning various months during 1929-42; data for these industries are shown only in the unadjusted series. Revisions for January 1945-May 1946 for the indexes of cash income from farm marketings are available on request; see note in September 1947 Survey, p. 8-1, regarding earlier data; revisions beginning January 1945 were in part to adjust the series to levels indicated by 1945 census data; 1940-44 data have not yet been similarly revised.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey

| | 1947 | | | | | | 1948 | | | | | |
|--|------|------|--------|------------|---------|-----------|-----------|----------|-----------|-------|-------|-----|
| | June | July | August | Sep-tember | October | Novem-ber | Decem-ber | Janu-ary | Febru-ary | March | April | May | June |

GENERAL BUSINESS INDICATORS—Continued

| MANUFACTURERS' SALES, INVENTORIES, AND ORDERS † | | | | | | | | | | | | | |
|--------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Sales: | | | | | | | | | | | | | |
| Value, total..... millions of dollars.. | 15,063 | 14,361 | 15,257 | 16,597 | 18,082 | 16,554 | 17,523 | 16,549 | 16,208 | 18,100 | 17,212 | 16,787 | 17,830 |
| Durable goods industries..... do..... | 6,129 | 5,545 | 5,858 | 6,395 | 7,028 | 6,348 | 6,988 | 6,405 | 6,448 | 7,364 | 6,848 | 6,613 | 7,227 |
| Nondurable goods industries..... do..... | 8,934 | 8,816 | 9,399 | 10,202 | 11,054 | 10,206 | 10,535 | 10,144 | 9,760 | 10,736 | 10,364 | 10,174 | 10,603 |
| Index, total..... average month 1939=100.. | 295 | 270 | 287 | 325 | 328 | 337 | 330 | 311 | 330 | 328 | 324 | 328 | 335 |
| Durable goods industries..... do..... | 328 | 285 | 301 | 342 | 348 | 353 | 360 | 329 | 360 | 365 | 353 | 353 | 374 |
| Iron, steel, and products..... do..... | 306 | 267 | 296 | 321 | 330 | 335 | 331 | 325 | 336 | 345 | 325 | 338 | 346 |
| Nonferrous metals and products..... do..... | 376 | 310 | 327 | 392 | 386 | 442 | 423 | 364 | 415 | 410 | 415 | 419 | 429 |
| Electrical machinery and equipment..... do..... | 394 | 331 | 349 | 410 | 421 | 444 | 470 | 386 | 446 | 442 | 440 | 431 | 455 |
| Machinery, except electrical..... do..... | 339 | 278 | 295 | 324 | 329 | 325 | 347 | 304 | 356 | 363 | 350 | 356 | 379 |
| Automobiles and equipment..... do..... | 364 | 345 | 326 | 399 | 410 | 401 | 424 | 383 | 424 | 435 | 413 | 401 | 430 |
| Transportation equipment, exc. autos. do..... | 508 | 390 | 406 | 483 | 489 | 486 | 514 | 446 | 493 | 500 | 486 | 486 | 542 |
| Furniture and finished lumber prod. do..... | 208 | 215 | 251 | 286 | 279 | 271 | 275 | 270 | 308 | 273 | 256 | 248 | 263 |
| Stone, clay, and glass products..... do..... | 244 | 223 | 226 | 249 | 255 | 250 | 236 | 223 | 222 | 252 | 274 | 263 | 274 |
| Other durable goods industries..... do..... | 269 | 227 | 258 | 270 | 274 | 288 | 272 | 276 | 277 | 271 | 255 | 261 | 271 |
| Nondurable goods industries..... do..... | 276 | 262 | 279 | 315 | 316 | 328 | 312 | 301 | 314 | 307 | 307 | 314 | 315 |
| Food and kindred products..... do..... | 286 | 286 | 291 | 332 | 320 | 335 | 313 | 313 | 305 | 297 | 299 | 321 | 318 |
| Beverages..... do..... | 292 | 281 | 296 | 356 | 397 | 416 | 373 | 268 | 273 | 251 | 294 | 286 | 317 |
| Textile-mill products, excl. apparel. do..... | 279 | 235 | 275 | 312 | 319 | 319 | 327 | 301 | 350 | 345 | 333 | 327 | 339 |
| Leather and products..... do..... | 222 | 245 | 277 | 288 | 306 | 251 | 286 | 303 | 327 | 300 | 266 | 240 | 247 |
| Paper and allied products..... do..... | 315 | 288 | 295 | 312 | 331 | 328 | 312 | 320 | 334 | 333 | 332 | 338 | 332 |
| Printing and publishing..... do..... | 242 | 218 | 251 | 289 | 291 | 344 | 300 | 255 | 271 | 268 | 263 | 271 | 274 |
| Chemicals and allied products..... do..... | 304 | 280 | 287 | 329 | 336 | 328 | 312 | 320 | 327 | 315 | 334 | 327 | 315 |
| Petroleum and coal products..... do..... | 254 | 258 | 257 | 269 | 267 | 302 | 318 | 328 | 336 | 322 | 318 | 337 | 326 |
| Rubber products..... do..... | 322 | 298 | 312 | 346 | 348 | 354 | 307 | 282 | 289 | 285 | 312 | 328 | 342 |
| Tobacco manufactures..... do..... | 237 | 223 | 213 | 239 | 223 | 226 | 232 | 206 | 216 | 218 | 225 | 233 | 253 |
| Other nondurable goods..... do..... | 257 | 221 | 284 | 336 | 341 | 352 | 305 | 296 | 329 | 341 | 326 | 313 | 316 |
| Inventories, book-value, end of month: | | | | | | | | | | | | | |
| Value, total..... millions of dollars.. | 26,479 | 26,846 | 27,051 | 27,055 | 27,397 | 27,627 | 28,020 | 28,491 | 28,757 | 29,053 | 29,149 | 29,450 | 29,848 |
| Durable goods..... do..... | 12,833 | 13,015 | 13,131 | 13,131 | 13,222 | 13,226 | 13,335 | 13,446 | 13,514 | 13,555 | 13,680 | 13,773 | 13,819 |
| Nondurable goods..... do..... | 13,646 | 13,831 | 13,920 | 13,924 | 14,175 | 14,401 | 14,685 | 15,045 | 15,243 | 15,498 | 15,469 | 15,677 | 16,029 |
| Index, total..... average month 1939=100.. | 246 | 250 | 252 | 252 | 255 | 257 | 261 | 265 | 268 | 270 | 271 | 274 | 278 |
| Durable goods industries..... do..... | 266 | 270 | 272 | 272 | 274 | 274 | 277 | 279 | 280 | 281 | 284 | 286 | 287 |
| Iron, steel, and products..... do..... | 192 | 197 | 199 | 200 | 201 | 203 | 204 | 202 | 205 | 205 | 206 | 213 | 218 |
| Nonferrous metals and products..... do..... | 253 | 258 | 262 | 259 | 259 | 249 | 251 | 249 | 250 | 257 | 262 | 262 | 261 |
| Electrical machinery and equipment..... do..... | 374 | 376 | 375 | 374 | 375 | 373 | 370 | 372 | 376 | 384 | 388 | 394 | 395 |
| Machinery, except electrical..... do..... | 271 | 275 | 276 | 277 | 280 | 282 | 285 | 291 | 293 | 295 | 297 | 297 | 298 |
| Automobiles and equipment..... do..... | 443 | 444 | 452 | 451 | 449 | 449 | 447 | 462 | 472 | 473 | 472 | 479 | 469 |
| Transportation equipment, exc. autos. do..... | 630 | 630 | 644 | 637 | 621 | 623 | 633 | 632 | 632 | 632 | 632 | 630 | 644 |
| Furniture and finished lumber prod. do..... | 203 | 205 | 203 | 201 | 209 | 207 | 228 | 241 | 234 | 242 | 255 | 259 | 251 |
| Stone, clay, and glass products..... do..... | 161 | 161 | 161 | 157 | 162 | 168 | 170 | 168 | 163 | 165 | 163 | 161 | 160 |
| Other durable goods..... do..... | 195 | 204 | 206 | 210 | 213 | 219 | 222 | 218 | 213 | 202 | 204 | 189 | 190 |
| Nondurable goods industries..... do..... | 230 | 234 | 235 | 235 | 239 | 243 | 248 | 254 | 257 | 262 | 261 | 265 | 271 |
| Food and kindred products..... do..... | 194 | 208 | 213 | 220 | 238 | 244 | 250 | 255 | 244 | 243 | 236 | 229 | 233 |
| Beverages..... do..... | 334 | 316 | 327 | 338 | 345 | 336 | 335 | 357 | 355 | 356 | 359 | 376 | 377 |
| Textile-mill products, excl. apparel. do..... | 221 | 223 | 223 | 220 | 218 | 226 | 224 | 238 | 249 | 255 | 253 | 256 | 259 |
| Leather and products..... do..... | 208 | 213 | 207 | 198 | 195 | 209 | 223 | 229 | 238 | 241 | 241 | 251 | 259 |
| Paper and allied products..... do..... | 229 | 241 | 253 | 260 | 262 | 265 | 268 | 268 | 272 | 276 | 276 | 287 | 293 |
| Printing and publishing..... do..... | 366 | 373 | 370 | 368 | 367 | 355 | 361 | 362 | 383 | 398 | 424 | 423 | 435 |
| Chemicals and allied products..... do..... | 265 | 262 | 261 | 256 | 253 | 259 | 271 | 273 | 279 | 289 | 285 | 286 | 290 |
| Petroleum and coal products..... do..... | 162 | 164 | 169 | 171 | 174 | 176 | 178 | 177 | 182 | 182 | 186 | 194 | 203 |
| Rubber products..... do..... | 277 | 268 | 258 | 246 | 247 | 242 | 257 | 271 | 283 | 294 | 293 | 305 | 287 |
| Tobacco manufactures..... do..... | 216 | 211 | 212 | 216 | 225 | 229 | 233 | 237 | 234 | 231 | 229 | 225 | 228 |
| Other nondurable goods..... do..... | 293 | 301 | 297 | 288 | 288 | 290 | 293 | 301 | 319 | 329 | 332 | 348 | 372 |
| New orders: | | | | | | | | | | | | | |
| Index, total..... average month 1939=100.. | 245 | 231 | 231 | 260 | 255 | 268 | 252 | 251 | 251 | 257 | 252 | 244 | 262 |
| Durable goods..... do..... | 271 | 260 | 261 | 292 | 291 | 307 | 292 | 291 | 287 | 314 | 292 | 267 | 309 |
| Iron, steel, and products..... do..... | 304 | 271 | 286 | 312 | 308 | 348 | 322 | 325 | 321 | 371 | 320 | 282 | 336 |
| Machinery, including electrical..... do..... | 315 | 328 | 307 | 345 | 346 | 348 | 344 | 312 | 299 | 329 | 309 | 284 | 337 |
| Other durable goods, excl. trans. equip. do..... | 202 | 194 | 199 | 230 | 230 | 231 | 220 | 240 | 243 | 243 | 248 | 239 | 258 |
| Nondurable goods..... do..... | 230 | 213 | 213 | 240 | 234 | 244 | 228 | 227 | 230 | 223 | 228 | 230 | 235 |

BUSINESS POPULATION

| OPERATING BUSINESSES AND BUSINESS TURN-OVER* | | | | | | | | | | | | | |
|-------------------------------------------------|---------|--------|--------|---------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Operating businesses, total, end of quarter | | | | | | | | | | | | | |
| Contract construction..... thousands.. | 3,786.0 | | | 3,816.6 | | | 3,838.6 | | | | | | |
| Manufacturing..... do..... | 268.7 | | | 276.3 | | | 281.6 | | | | | | |
| Retail trade..... do..... | 316.4 | | | 317.6 | | | 317.4 | | | | | | |
| Wholesale trade..... do..... | 1,744.7 | | | 1,755.2 | | | 1,762.1 | | | | | | |
| Service industries..... do..... | 177.5 | | | 179.8 | | | 181.7 | | | | | | |
| All other..... do..... | 720.7 | | | 726.8 | | | 733.0 | | | | | | |
| New businesses, quarterly..... do..... | 557.9 | | | 560.9 | | | 562.9 | | | | | | |
| Discontinued businesses, quarterly..... do..... | 109.5 | | | 85.1 | | | 76.2 | | | | | | |
| Business transfers, quarterly..... do..... | 54.8 | | | 54.5 | | | 54.2 | | | | | | |
| | 102.3 | | | 98.4 | | | 76.6 | | | | | | |
| INDUSTRIAL AND COMMERCIAL FAILURES | | | | | | | | | | | | | |
| Grand total..... number..... | 283 | 299 | 287 | 292 | 336 | 313 | 317 | 356 | 417 | 477 | 404 | 426 | 463 |
| Commercial service..... do..... | 21 | 30 | 23 | 28 | 29 | 23 | 23 | 29 | 44 | 47 | 50 | 30 | 49 |
| Construction..... do..... | 23 | 17 | 19 | 20 | 25 | 25 | 26 | 23 | 22 | 43 | 30 | 31 | 36 |
| Manufacturing and mining..... do..... | 95 | 107 | 99 | 101 | 98 | 124 | 112 | 108 | 151 | 136 | 99 | 135 | 130 |
| Retail trade..... do..... | 108 | 105 | 102 | 103 | 129 | 115 | 123 | 153 | 165 | 194 | 175 | 158 | 194 |
| Wholesale trade..... do..... | 36 | 40 | 44 | 40 | 55 | 26 | 33 | 43 | 35 | 57 | 50 | 72 | 54 |
| Liabilities, grand total..... thous. of dol. | 18,982 | 37,137 | 14,903 | 10,034 | 21,322 | 16,345 | 25,499 | 12,965 | 25,619 | 17,481 | 15,296 | 13,814 | 12,163 |
| Commercial service..... do..... | 610 | 19,863 | 655 | 829 | 1,074 | 505 | 1,232 | 711 | 979 | 1,883 | 1,472 | 1,058 | 1,317 |
| Construction..... do..... | 664 | 384 | 176 | 444 | 2,301 | 537 | 455 | 820 | 1,987 | 957 | 1,662 | 588 | 984 |
| Manufacturing and mining..... do..... | 14,220 | 12,466 | 10,426 | 5,964 | 13,337 | 12,574 | 20,937 | 6,892 | 17,987 | 9,243 | 7,057 | 7,030 | 5,147 |
| Retail trade..... do..... | 1,614 | 2,280 | 1,668 | 1,390 | 2,289 | 1,531 | 1,908 | 2,837 | 3,410 | 3,714 | 2,476 | 2,679 | 3,037 |
| Wholesale trade..... do..... | 1,874 | 2,144 | 1,978 | 1,407 | 2,321 | 1,198 | 967 | 1,705 | 1,346 | 1,684 | 2,629 | 2,459 | 1,678 |
| BUSINESS INCORPORATIONS | | | | | | | | | | | | | |
| New incorporations (4 states)..... number.. | 2,893 | 2,595 | 2,494 | 2,612 | 3,269 | 2,767 | 3,160 | 3,688 | 2,479 | 2,995 | 2,869 | 2,594 | 2,752 |

* Revised † Preliminary.
 *New series. For data through 1944 for the series on operating business and business turnover, see pp. 21-23 of the May 1946 Survey and p. 10 of the May 1944 issue.
 †Revised series. Description and back data for m anufacturers sales and inventories are shown on pp. 8, 9, 23, 24, of the May 1948 Survey; the indexes of new orders are being revised.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|-------|-------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-------|-------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| COMMODITY PRICES | | | | | | | | | | | | | |
| PRICES RECEIVED AND PAID BY FARMERS | | | | | | | | | | | | | |
| Prices received, all farm products†... 1909-14=100... | 271 | 276 | 276 | 286 | 289 | 287 | 301 | 307 | 279 | 283 | 291 | 289 | 295 |
| Crops.....do..... | 262 | 263 | 255 | 254 | 261 | 268 | 281 | 284 | 257 | 262 | 276 | 267 | 261 |
| Food grain.....do..... | 253 | 251 | 246 | 278 | 302 | 312 | 318 | 322 | 251 | 260 | 268 | 261 | 249 |
| Feed grain and hay.....do..... | 240 | 253 | 270 | 297 | 284 | 283 | 305 | 318 | 261 | 284 | 291 | 282 | 278 |
| Tobacco.....do..... | 390 | 390 | 383 | 352 | 357 | 354 | 377 | 377 | 374 | 372 | 371 | 370 | 370 |
| Cotton.....do..... | 275 | 289 | 267 | 252 | 247 | 257 | 275 | 267 | 248 | 256 | 275 | 284 | 284 |
| Fruit.....do..... | 228 | 215 | 177 | 181 | 166 | 151 | 149 | 135 | 136 | 140 | 142 | 141 | 155 |
| Truck crops.....do..... | 215 | 189 | 211 | 179 | 238 | 272 | 294 | 320 | 320 | 295 | 340 | 262 | 213 |
| Oil-bearing crops.....do..... | 318 | 314 | 308 | 311 | 344 | 349 | 367 | 377 | 333 | 339 | 351 | 357 | 364 |
| Livestock and products.....do..... | 278 | 286 | 295 | 315 | 313 | 304 | 320 | 328 | 300 | 302 | 304 | 309 | 326 |
| Meat animals.....do..... | 338 | 343 | 349 | 367 | 360 | 358 | 352 | 379 | 351 | 342 | 347 | 361 | 340 |
| Dairy products.....do..... | 233 | 244 | 258 | 282 | 283 | 293 | 311 | 313 | 307 | 298 | 296 | 291 | 291 |
| Poultry and eggs.....do..... | 205 | 220 | 224 | 246 | 251 | 242 | 262 | 231 | 218 | 212 | 214 | 211 | 221 |
| Prices paid:* | | | | | | | | | | | | | |
| All commodities.....do..... 1910-14=100... | 244 | 244 | 249 | 253 | 254 | 257 | 262 | 266 | 263 | 262 | 264 | 265 | 266 |
| Commodities used in living.....do..... | 252 | 252 | 256 | 259 | 261 | 264 | 268 | 272 | 270 | 267 | 268 | 270 | 271 |
| Commodities used in production.....do..... | 233 | 234 | 239 | 246 | 246 | 248 | 254 | 259 | 255 | 255 | 258 | 259 | 259 |
| All commodities, interest and taxes.....do..... | 230 | 230 | 234 | 238 | 239 | 241 | 245 | 251 | 248 | 247 | 249 | 250 | 251 |
| Parity ratio*.....do..... | 118 | 120 | 118 | 120 | 121 | 119 | 123 | 122 | 112 | 115 | 117 | 116 | 118 |
| RETAIL PRICES | | | | | | | | | | | | | |
| All commodities (U. S. Department of Commerce index).....do..... 1935-39=100 | 178.7 | 179.7 | 181.4 | 184.9 | 184.9 | 185.9 | 188.4 | 190.3 | 189.0 | 188.6 | 190.8 | 192.1 | 193.5 |
| Coal (U. S. Department of Labor indexes): | | | | | | | | | | | | | |
| Anthracite.....do..... 1923-25=100 | 116.8 | 119.2 | 126.5 | 128.3 | 129.4 | 130.4 | 130.5 | 131.9 | 132.1 | 132.1 | 132.0 | 132.4 | 134.6 |
| Bituminous.....do..... | 123.6 | 129.5 | 139.1 | 139.4 | 140.5 | 143.8 | 144.3 | 145.7 | 146.3 | 146.4 | 147.4 | 150.5 | 152.2 |
| Consumers' price index (U. S. Department of Labor):§ | | | | | | | | | | | | | |
| Combined index.....do..... 1935-39=100 | 157.1 | 158.4 | 160.3 | 163.8 | 163.8 | 164.9 | 167.0 | 168.8 | 167.5 | 166.9 | 169.3 | 170.5 | 171.7 |
| Apparel.....do..... | 185.7 | 184.7 | 185.9 | 187.6 | 189.0 | 190.2 | 191.2 | 192.1 | 195.1 | 196.3 | 196.4 | 197.5 | 196.9 |
| Food.....do..... | 190.5 | 193.1 | 195.7 | 203.5 | 201.6 | 202.7 | 206.9 | 209.7 | 204.7 | 202.3 | 207.9 | 210.9 | 214.1 |
| Cereals and bakery products*.....do..... | 154.6 | 155.0 | 155.7 | 157.8 | 160.3 | 167.9 | 170.5 | 172.7 | 171.8 | 171.0 | 171.0 | 171.1 | 171.2 |
| Dairy products*.....do..... | 171.5 | 178.8 | 183.8 | 195.2 | 190.1 | 198.4 | 204.9 | 205.7 | 204.4 | 201.1 | 205.8 | 204.8 | 205.9 |
| Fruits and vegetables*.....do..... | 205.0 | 202.0 | 199.8 | 198.2 | 196.6 | 199.6 | 205.3 | 208.3 | 213.0 | 206.9 | 217.4 | 215.0 | 214.9 |
| Meats*.....do..... | 216.9 | 220.2 | 228.4 | 240.6 | 235.5 | 227.0 | 227.3 | 237.5 | 224.8 | 224.8 | 233.8 | 244.2 | 255.1 |
| Fuel, electricity, and ice.....do..... | 117.7 | 119.5 | 123.8 | 124.6 | 125.2 | 126.9 | 127.8 | 129.5 | 130.0 | 130.3 | 130.7 | 131.8 | 132.6 |
| Gas and electricity*.....do..... | 91.7 | 91.7 | 92.0 | 92.1 | 92.2 | 92.5 | 92.6 | 93.1 | 93.2 | 93.8 | 93.9 | 94.1 | 94.2 |
| Other fuels and ice*.....do..... | 143.0 | 146.6 | 154.8 | 156.3 | 157.4 | 160.5 | 162.0 | 165.0 | 165.0 | 166.0 | 166.7 | 168.6 | 170.1 |
| Household furnishings.....do..... | 182.6 | 184.3 | 184.2 | 187.5 | 187.8 | 188.9 | 194.4 | 192.3 | 193.0 | 194.9 | 194.7 | 193.6 | 194.8 |
| Rent.....do..... | 109.2 | 110.0 | 111.2 | 113.6 | 114.9 | 115.2 | 115.4 | 115.9 | 116.0 | 116.3 | 116.3 | 116.5 | 117.0 |
| Miscellaneous.....do..... | 139.1 | 139.5 | 139.8 | 140.8 | 141.8 | 143.0 | 144.4 | 146.4 | 146.4 | 146.2 | 147.8 | 147.5 | 147.5 |
| WHOLESALE PRICES | | | | | | | | | | | | | |
| U. S. Department of Labor indexes: | | | | | | | | | | | | | |
| Combined index♂.....do..... 1926=100 | 147.7 | 150.6 | 153.6 | 157.4 | 158.5 | 159.7 | 163.2 | 165.7 | 160.8 | 161.4 | 162.8 | 163.9 | 166.2 |
| Economic classes: | | | | | | | | | | | | | |
| Manufactured products♂.....do..... | 142.0 | 144.0 | 147.6 | 151.6 | 151.1 | 152.3 | 154.7 | 157.7 | 154.5 | 155.8 | 157.6 | 158.5 | 159.6 |
| Raw materials.....do..... | 160.2 | 165.3 | 167.0 | 170.8 | 175.1 | 175.5 | 182.0 | 183.9 | 174.9 | 174.7 | 175.5 | 177.6 | 182.6 |
| Semimanufactured articles.....do..... | 145.1 | 147.0 | 149.5 | 152.0 | 154.1 | 156.4 | 157.9 | 157.6 | 155.3 | 152.9 | 154.1 | 155.7 | 154.3 |
| Farm products.....do..... | 177.8 | 181.4 | 181.7 | 186.4 | 189.7 | 187.9 | 196.7 | 199.2 | 185.3 | 186.0 | 186.7 | 189.1 | 196.0 |
| Grains.....do..... | 206.0 | 202.3 | 208.8 | 230.3 | 241.4 | 245.5 | 252.7 | 256.3 | 220.0 | 218.0 | 217.9 | 213.5 | 209.2 |
| Livestock and poultry.....do..... | 209.9 | 209.9 | 215.9 | 224.8 | 224.5 | 211.0 | 226.3 | 232.0 | 210.0 | 209.4 | 204.4 | 219.0 | 239.2 |
| Commodities other than farm products♂.....do..... | 140.9 | 143.6 | 147.2 | 150.8 | 151.5 | 153.3 | 155.7 | 158.1 | 155.2 | 155.7 | 157.3 | 158.2 | 159.4 |
| Foods.....do..... | 161.8 | 167.1 | 172.3 | 179.3 | 177.8 | 178.0 | 178.4 | 179.0 | 172.4 | 173.8 | 176.7 | 177.4 | 181.4 |
| Cereal products.....do..... | 149.3 | 154.7 | 153.3 | 158.7 | 167.6 | 172.5 | 170.6 | 170.1 | 160.2 | 158.6 | 158.0 | 156.3 | 155.1 |
| Dairy products.....do..... | 141.1 | 152.8 | 164.3 | 170.6 | 167.3 | 175.9 | 183.5 | 183.0 | 184.8 | 179.8 | 181.0 | 176.6 | 181.3 |
| Fruits and vegetables.....do..... | 145.2 | 139.7 | 133.0 | 150.1 | 130.8 | 135.5 | 135.4 | 141.1 | 144.8 | 145.7 | 148.6 | 147.0 | 147.6 |
| Meats.....do..... | 208.6 | 217.9 | 234.6 | 244.8 | 220.0 | 217.6 | 214.8 | 222.3 | 206.2 | 217.1 | 226.0 | 233.2 | 241.3 |
| Commodities other than farm products and foods♂.....do..... 1926=100 | 131.6 | 133.4 | 136.0 | 138.2 | 140.0 | 142.4 | 145.6 | 148.2 | 147.5 | 147.7 | 148.6 | 149.0 | 149.5 |
| Building materials.....do..... | 174.1 | 175.7 | 179.7 | 183.3 | 185.8 | 187.5 | 191.0 | 193.1 | 192.6 | 193.1 | 195.0 | 196.4 | 196.8 |
| Brick and tile.....do..... | 134.7 | 143.3 | 144.3 | 145.4 | 145.6 | 147.3 | 148.8 | 150.9 | 151.1 | 151.6 | 152.5 | 152.8 | 153.3 |
| Cement.....do..... | 114.3 | 114.9 | 116.9 | 119.0 | 120.1 | 120.6 | 121.6 | 126.4 | 127.2 | 127.4 | 127.5 | 128.2 | 128.8 |
| Lumber.....do..... | 265.5 | 269.0 | 276.7 | 285.7 | 290.0 | 295.6 | 303.2 | 307.3 | 303.8 | 303.8 | 309.2 | 312.9 | 313.2 |
| Paint and paint materials.....do..... | 158.8 | 166.1 | 154.9 | 157.0 | 161.4 | 161.8 | 164.0 | 163.2 | 159.6 | 156.7 | 158.6 | 158.4 | 158.7 |
| Chemicals and allied products†.....do..... | 120.8 | 118.8 | 117.5 | 122.3 | 128.6 | 135.8 | 135.0 | 138.8 | 134.6 | 136.1 | 136.2 | 134.7 | 135.7 |
| Chemicals.....do..... | 119.8 | 119.9 | 117.5 | 118.2 | 122.1 | 124.3 | 124.1 | 125.8 | 126.5 | 126.8 | 126.8 | 125.9 | 126.2 |
| Drug and pharmaceutical materials†.....do..... | 156.1 | 137.4 | 136.6 | 136.6 | 137.5 | 151.1 | 154.9 | 154.4 | 154.3 | 154.4 | 153.8 | 153.3 | 153.7 |
| Fertilizer materials.....do..... | 102.3 | 105.5 | 105.5 | 109.8 | 111.3 | 112.0 | 114.4 | 115.6 | 114.8 | 114.9 | 115.2 | 115.0 | 113.9 |
| Oils and fats.....do..... | 139.2 | 134.8 | 133.3 | 163.3 | 193.4 | 226.7 | 215.9 | 236.7 | 201.5 | 211.4 | 212.3 | 205.0 | 212.7 |
| Fuel and lighting materials.....do..... | 104.0 | 108.9 | 112.5 | 114.1 | 115.9 | 118.1 | 124.3 | 130.0 | 120.7 | 130.9 | 131.6 | 132.6 | 133.1 |
| Electricity.....do..... | 64.4 | 65.0 | 64.5 | 65.2 | 64.9 | 66.3 | 66.5 | 66.4 | 66.6 | 65.7 | 66.1 | 66.1 | 66.1 |
| Gas.....do..... | 85.8 | 85.5 | 86.0 | 87.0 | 86.8 | 83.6 | 85.4 | 84.5 | 85.8 | 88.7 | 89.1 | 89.3 | 89.3 |
| Petroleum products.....do..... | 87.5 | 89.8 | 92.2 | 93.7 | 96.5 | 99.9 | 112.0 | 120.7 | 121.7 | 121.8 | 121.8 | 122.1 | 122.1 |
| Hides and leather products.....do..... | 173.8 | 178.4 | 182.1 | 184.8 | 191.7 | 202.4 | 203.1 | 200.3 | 192.8 | 185.4 | 186.1 | 187.5 | 186.8 |
| Hides and skins.....do..... | 187.1 | 203.5 | 215.6 | 221.1 | 243.7 | 263.4 | 256.9 | 238.9 | 207.2 | 186.2 | 199.3 | 218.0 | 215.2 |
| Leather.....do..... | 178.9 | 187.4 | 190.7 | 197.4 | 204.3 | 216.0 | 216.2 | 209.2 | 199.9 | 185.9 | 183.6 | 188.2 | 186.9 |
| Shoes.....do..... | 173.8 | 173.2 | 174.9 | 175.2 | 178.0 | 187.0 | 190.7 | 194.3 | 194.7 | 193.8 | 191.7 | 185.6 | 185.8 |
| Housefurnishing goods†.....do..... | 129.7 | 129.8 | 129.7 | 130.6 | 132.3 | 137.7 | 139.7 | 141.4 | 141.8 | 142.0 | 142.3 | 142.6 | 143.4 |
| Furnishings.....do..... | 137.2 | 138.1 | 138.1 | 138.5 | 139.3 | 140.0 | 142.8 | 143.9 | 144.4 | 144.7 | 145.2 | 145.8 | 147.1 |
| Furniture†.....do..... | 128.6 | 129.7 | 129.3 | 132.1 | 135.0 | 135.6 | 136.8 | 139.1 | 139.4 | 139.4 | 139.6 | 139.6 | 139.9 |
| Metals and metal products♂†.....do..... | 142.0 | 143.0 | 148.4 | 150.1 | 150.5 | 150.8 | 151.4 | 154.3 | 155.3 | 155.9 | 157.2 | 157.1 | 158.7 |
| Iron and steel.....do..... | 129.9 | 131.7 | 138.3 | 139.0 | 139.3 | 139.5 | 140.2 | 144.6 | 146.3 | 147.7 | 149.4 | 148.8 | 149.2 |
| Metals, nonferrous.....do..... | 142.9 | 141.8 | 141.8 | 142.0 | 142.0 | 142.2 | 143.0 | 145.5 | 146.8 | 146.8 | 149.8 | 150.0 | 152.1 |
| Plumbing and heating equipment.....do..... | 119.1 | 123.4 | 128.6 | 135.9 | 136.0 | 136.0 | 136.1 | 137.9 | 138.7 | 138.7 | 138.7 | 143.2 | 145.3 |

† Revised. ‡ Preliminary.
 § In August 194

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|-------|-------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-------|-------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| COMMODITY PRICES—Continued | | | | | | | | | | | | | |
| WHOLESALE PRICES—Continued | | | | | | | | | | | | | |
| U. S. Department of Labor indexes—Continued | | | | | | | | | | | | | |
| Commodities other than farm, etc.—Con. | | | | | | | | | | | | | |
| Textile products..... 1926=100 | 139.9 | 139.5 | 140.8 | 142.0 | 143.0 | 144.7 | 147.6 | 147.6 | 148.4 | 149.8 | 150.3 | 150.2 | 149.6 |
| Clothing..... do | 135.4 | 134.3 | 134.3 | 134.4 | 134.7 | 135.6 | 136.3 | 140.4 | 143.0 | 144.6 | 145.8 | 145.8 | 145.2 |
| Cotton goods..... do | 196.2 | 195.9 | 199.2 | 202.3 | 204.6 | 209.1 | 213.5 | 214.8 | 214.9 | 218.3 | 219.2 | 217.8 | 213.1 |
| Hosiery and underwear..... do | 100.8 | 100.4 | 99.9 | 99.9 | 100.0 | 101.4 | 103.0 | 104.4 | 105.0 | 105.4 | 105.4 | 105.4 | 105.3 |
| Rayon..... do | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 40.0 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| Silk..... do | 68.4 | 68.2 | 68.2 | 68.3 | 71.2 | 73.3 | 73.3 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| Woolen and worsted goods..... do | 129.2 | 130.1 | 133.3 | 133.8 | 134.2 | 134.9 | 139.6 | 141.6 | 142.8 | 145.7 | 147.5 | 147.5 | 147.5 |
| Miscellaneous..... do | 113.5 | 113.0 | 112.7 | 115.9 | 117.1 | 118.8 | 121.5 | 123.5 | 119.9 | 120.8 | 121.8 | 121.5 | 121.4 |
| Automobile tires and tubes..... do | 62.5 | 60.8 | 60.8 | 60.8 | 60.8 | 61.0 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| Paper and pulp..... do | 166.7 | 157.2 | 157.6 | 159.5 | 159.8 | 160.7 | 164.7 | 168.1 | 167.1 | 167.0 | 167.5 | 167.4 | 167.3 |
| Wholesale prices, actual. (See respective commodities.) | | | | | | | | | | | | | |
| PURCHASING POWER OF THE DOLLAR | | | | | | | | | | | | | |
| As measured by— | | | | | | | | | | | | | |
| Wholesale prices..... 1935-39=100 | 54.4 | 53.3 | 52.4 | 51.1 | 50.8 | 50.4 | 49.3 | 48.6 | 50.0 | 49.9 | 49.4 | 49.1 | 48.4 |
| Consumers' prices..... do | 63.6 | 63.1 | 62.4 | 61.1 | 61.1 | 60.6 | 59.9 | 59.2 | 59.7 | 59.9 | 59.1 | 58.7 | 58.2 |
| Retail food prices..... do | 52.4 | 51.7 | 50.8 | 49.1 | 49.6 | 49.5 | 48.3 | 47.7 | 48.9 | 49.4 | 48.1 | 47.4 | 46.7 |
| Prices received by farmers..... do | 39.3 | 38.5 | 38.5 | 37.2 | 36.8 | 37.0 | 35.3 | 34.7 | 38.1 | 37.7 | 36.6 | 36.8 | 36.1 |

CONSTRUCTION AND REAL ESTATE

| CONSTRUCTION ACTIVITY* | | | | | | | | | | | | | |
|----------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| New construction, total..... mil. of dol. | 1,162 | 1,264 | 1,364 | 1,423 | 1,497 | 1,432 | 1,320 | 1,157 | 1,009 | 1,166 | 1,302 | 1,455 | 1,605 |
| Private, total..... do | 885 | 966 | 1,042 | 1,086 | 1,129 | 1,141 | 1,097 | 948 | 837 | 940 | 1,015 | 1,116 | 1,228 |
| Residential (nonfarm)..... do | 405 | 455 | 500 | 540 | 590 | 630 | 610 | 500 | 400 | 475 | 525 | 585 | 633 |
| Nonresidential building, except farm and public utility, total..... mil. of dol. | 250 | 254 | 260 | 267 | 275 | 287 | 284 | 273 | 265 | 266 | 263 | 278 | 308 |
| Industrial..... do | 140 | 139 | 139 | 138 | 137 | 136 | 134 | 130 | 125 | 120 | 116 | 112 | 111 |
| Farm construction..... do | 50 | 60 | 75 | 65 | 50 | 25 | 15 | 14 | 14 | 23 | 37 | 50 | 62 |
| Public utility..... do | 180 | 197 | 207 | 214 | 214 | 199 | 188 | 161 | 158 | 176 | 190 | 203 | 225 |
| Public construction, total..... do | 277 | 298 | 322 | 337 | 368 | 291 | 223 | 209 | 172 | 226 | 287 | 339 | 377 |
| Residential..... do | 8 | 9 | 7 | 7 | 9 | 8 | 9 | 6 | 5 | 6 | 5 | 5 | 5 |
| Military and naval..... do | 15 | 10 | 22 | 22 | 23 | 19 | 17 | 14 | 11 | 12 | 13 | 13 | 12 |
| Nonresidential building, total..... do | 43 | 42 | 45 | 49 | 53 | 50 | 52 | 53 | 49 | 65 | 71 | 77 | 79 |
| Industrial..... do | 2 | 2 | 1 | 1 | 1 | (e) | (e) | 1 | 1 | 1 | 2 | 2 | 2 |
| Highway..... do | 125 | 137 | 149 | 159 | 178 | 119 | 65 | 56 | 41 | 57 | 98 | 136 | 167 |
| All other..... do | 86 | 91 | 98 | 100 | 105 | 95 | 81 | 77 | 65 | 87 | 99 | 108 | 114 |
| CONTRACT AWARDS | | | | | | | | | | | | | |
| Contract awards, 37 States (F. W. Dodge Corp.): | | | | | | | | | | | | | |
| Total projects..... number | 24,044 | 28,734 | 31,885 | 27,185 | 36,339 | 29,793 | 21,696 | 23,125 | 20,557 | 27,999 | 37,061 | 37,282 | 33,088 |
| Total valuation..... thous. of dol. | 605,070 | 660,254 | 823,216 | 649,996 | 793,286 | 715,108 | 625,363 | 615,206 | 681,967 | 689,763 | 873,882 | 970,789 | 935,198 |
| Public ownership..... do | 226,471 | 202,571 | 217,811 | 192,660 | 208,947 | 223,505 | 207,481 | 196,530 | 248,443 | 181,044 | 236,330 | 298,213 | 324,226 |
| Private ownership..... do | 378,599 | 457,683 | 605,405 | 457,336 | 584,339 | 491,603 | 417,882 | 418,676 | 433,524 | 508,719 | 637,552 | 672,576 | 610,962 |
| Nonresidential buildings: | | | | | | | | | | | | | |
| Projects..... number | 4,355 | 4,912 | 4,915 | 4,213 | 5,134 | 4,249 | 3,252 | 3,295 | 3,205 | 3,622 | 4,746 | 4,907 | 4,546 |
| Floor area..... thous. of sq. ft. | 27,561 | 32,123 | 41,682 | 24,114 | 33,478 | 28,552 | 33,088 | 27,719 | 29,097 | 25,671 | 34,478 | 40,413 | 33,802 |
| Valuation..... thous. of dol. | 209,942 | 253,512 | 290,807 | 239,915 | 277,888 | 243,416 | 244,495 | 240,544 | 272,395 | 248,939 | 337,903 | 395,971 | 364,211 |
| Residential buildings: | | | | | | | | | | | | | |
| Projects..... number | 17,604 | 21,568 | 24,789 | 21,154 | 29,473 | 24,147 | 17,402 | 18,899 | 16,336 | 23,227 | 30,448 | 30,320 | 26,366 |
| Floor area..... thous. of sq. ft. | 29,213 | 36,774 | 47,805 | 30,037 | 52,302 | 42,696 | 32,192 | 32,183 | 31,474 | 35,385 | 46,526 | 51,710 | 40,149 |
| Valuation..... thous. of dol. | 209,458 | 240,885 | 308,937 | 268,543 | 349,490 | 260,220 | 226,796 | 238,098 | 232,250 | 276,541 | 351,604 | 369,780 | 355,296 |
| Public works: | | | | | | | | | | | | | |
| Projects..... number | 1,744 | 1,910 | 1,761 | 1,522 | 1,425 | 1,114 | 809 | 718 | 803 | 915 | 1,524 | 1,659 | 1,813 |
| Valuation..... thous. of dol. | 142,495 | 127,454 | 137,471 | 110,556 | 112,726 | 138,606 | 113,289 | 108,891 | 143,033 | 109,596 | 132,598 | 159,700 | 167,984 |
| Utilities: | | | | | | | | | | | | | |
| Projects..... number | 341 | 344 | 420 | 296 | 307 | 283 | 233 | 213 | 213 | 235 | 343 | 396 | 363 |
| Valuation..... thous. of dol. | 43,175 | 38,403 | 86,001 | 30,982 | 53,182 | 42,866 | 40,783 | 27,673 | 34,289 | 54,687 | 52,077 | 45,338 | 47,707 |
| Value of contracts awarded (F. R. indexes): | | | | | | | | | | | | | |
| Total, unadjusted..... 1923-25=100 | 158 | 170 | 173 | 184 | 175 | 173 | 159 | 156 | 161 | 182 | 206 | 226 | 229 |
| Residential, unadjusted..... do | 127 | 138 | 148 | 168 | 164 | 157 | 137 | 126 | 135 | 156 | 181 | 195 | 190 |
| Total, adjusted..... do | 136 | 155 | 166 | 183 | 184 | 193 | 197 | 191 | 187 | 181 | 188 | 197 | 197 |
| Residential, adjusted..... do | 116 | 136 | 150 | 168 | 170 | 163 | 161 | 152 | 148 | 154 | 165 | 165 | 173 |
| Engineering construction: | | | | | | | | | | | | | |
| Contract awards (E. N. R.)..... thous. of dol. | 517,175 | 524,238 | 413,494 | 494,805 | 575,089 | 474,357 | 503,384 | 441,955 | 474,643 | 508,096 | 777,159 | 535,184 | 596,332 |
| Highway concrete pavement contract awards:† | | | | | | | | | | | | | |
| Total..... thous. of sq. yd. | 4,228 | 5,011 | 3,285 | 2,760 | 3,260 | 2,349 | 2,863 | 1,723 | 2,304 | 4,386 | 5,073 | 5,124 | 5,205 |
| Airports..... do | 212 | 169 | 79 | 163 | 203 | 5 | 124 | 6 | 10 | 361 | 353 | 10 | 190 |
| Roads..... do | 2,456 | 2,452 | 1,468 | 1,133 | 1,946 | 1,592 | 1,776 | 1,040 | 1,425 | 2,654 | 2,734 | 3,187 | 2,128 |
| Streets and alleys..... do | 1,560 | 2,390 | 1,737 | 1,464 | 1,110 | 752 | 963 | 677 | 869 | 1,371 | 1,986 | 1,928 | 2,857 |
| NEW DWELLING UNITS AND URBAN BUILDING | | | | | | | | | | | | | |
| New permanent nonfarm dwelling units started (U. S. Dept. of Labor)*..... number | | | | | | | | | | | | | |
| Urban building authorized (U. S. Dept. of Labor): | 77,200 | 81,100 | 86,300 | 93,800 | 94,000 | 79,700 | 58,800 | 50,000 | 47,200 | 70,000 | 92,000 | 97,000 | 93,500 |
| Urban dwelling units, total..... number | 46,986 | 47,203 | 51,313 | 52,152 | 56,330 | 41,875 | 36,452 | 33,343 | 33,289 | 50,945 | 64,637 | 53,159 | 54,366 |
| Privately financed, total..... do | 45,981 | 47,167 | 51,121 | 51,877 | 55,870 | 41,010 | 36,088 | 32,523 | 32,166 | 50,860 | 64,383 | 52,408 | 54,035 |
| 1-family dwellings..... do | 34,591 | 36,973 | 39,233 | 40,834 | 42,825 | 30,284 | 26,596 | 23,704 | 22,180 | 37,590 | 45,700 | 41,437 | 42,081 |
| 2-family dwellings..... do | 3,480 | 3,053 | 3,521 | 2,992 | 3,536 | 3,316 | 2,443 | 2,280 | 1,863 | 4,094 | 6,993 | 3,770 | 3,237 |
| Multifamily dwellings..... do | 7,910 | 7,141 | 8,367 | 8,051 | 9,509 | 7,410 | 7,049 | 6,539 | 8,123 | 9,176 | 11,690 | 7,201 | 8,717 |
| Publicly financed, total..... do | 1,005 | 36 | 192 | 275 | 460 | 865 | 364 | 820 | 1,125 | 85 | 254 | 751 | 331 |

* Revised. † Preliminary. ‡ See note marked "†" regarding revision incorporated in the index beginning June 1947. (e) Less than \$500,000.
 § Data for May, July, and October 1947, January and April 1948 are for 5 weeks; other months, 4 weeks.
 † Based on weekly data combined into 4- and 5-week periods except that a week falling in December and January is prorated; see note in February 1947 Survey.
 * New series. Data for a number of items under new construction activity have been revised beginning 1945 and there have been revisions in earlier estimates for some series; revised figures from the earliest year available are published in a supplement to the May 1948 issue of the Department of Commerce Industry Report on Construction and Construction Materials. The series for new permanent nonfarm dwelling units replaces the one previously used, "Estimated number of new nonfarm dwelling units scheduled to be started." It differs from the latter in two respects. First, the part of the estimates based on building permit records has been adjusted for lapsed permits and for lag between permit issuance and start of construction, beginning with 1945. Thus, the new series represents units actually started. Such adjustment was unnecessary prior to 1945 when most building was begun during the month of permit issuance. Secondly, the new series excludes all temporary dwelling units, since these do not add to the country's permanent housing inventory. Data beginning 1910 are available upon request from the U. S. Department of Labor.
 ‡ The index of purchasing power of the dollar based on prices received by farmers was revised in April 1944 Survey. Data for 1920-44 for new urban dwelling units authorized (formerly designated "scheduled to be started") are shown on p. 15 of the November 1946 Survey (unpublished minor revisions for January 1946-April 1947 are available upon request); these data and the indexes of urban building, p. 8-6, represent the building for which permits were issued and Federal contracts awarded, including an estimate of building in small urban places that do not issue permits; the data do not refer to building actually started. The index of prices of tires and tubes has been revised beginning 1939 (see note in June 1948 Survey); the revision has been incorporated in the group and other composite indexes only beginning June 1947.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|-----------|----------|-----------|---------|----------|---------|---------|---------|-----------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| CONSTRUCTION AND REAL ESTATE—Continued | | | | | | | | | | | | | |
| NEW DWELLING UNITS, ETC.—Con. | | | | | | | | | | | | | |
| Indexes of urban building construction, authorized (U. S. Dept. of Labor):† | | | | | | | | | | | | | |
| Number of new dwelling units authorized 1935-39=100.. | 271.3 | 271.9 | 295.9 | 300.9 | 324.5 | 241.9 | 210.2 | 192.3 | 192.0 | 293.4 | 372.8 | 308.8 | 313.0 |
| Permit valuation: | | | | | | | | | | | | | |
| Total building construction.....do..... | 279.7 | 306.1 | 323.5 | 319.5 | 344.7 | 285.5 | 274.0 | 243.7 | 236.8 | 360.9 | 408.6 | 375.7 | 391.9 |
| New residential buildings.....do..... | 388.4 | 405.4 | 447.9 | 459.1 | 516.2 | 399.8 | 345.8 | 309.7 | 315.9 | 484.5 | 622.9 | 531.8 | 552.0 |
| New nonresidential buildings.....do..... | 183.1 | 217.8 | 232.4 | 216.7 | 216.5 | 211.9 | 228.6 | 196.2 | 182.2 | 287.2 | 253.0 | 265.3 | 275.0 |
| Additions, alterations, and repairs.....do..... | 285.1 | 311.5 | 279.9 | 298.1 | 291.9 | 219.8 | 230.8 | 218.8 | 200.6 | 274.9 | 330.1 | 311.3 | 335.0 |
| CONSTRUCTION COST INDEXES | | | | | | | | | | | | | |
| Aberthaw (industrial building).....1914=100.. | 300 | | | | 304 | | | | | 310 | | | 325 |
| American Appraisal Co.: | | | | | | | | | | | | | |
| Average, 30 cities.....1913=100.. | 427 | 437 | 446 | 452 | 456 | 464 | 468 | 472 | 475 | 478 | 481 | 485 | 486 |
| Atlanta.....do..... | 448 | 458 | 470 | 475 | 479 | 494 | 501 | 505 | 508 | 514 | 515 | 523 | 524 |
| New York.....do..... | 438 | 442 | 448 | 452 | 469 | 480 | 488 | 491 | 495 | 502 | 503 | 503 | 504 |
| San Francisco.....do..... | 396 | 409 | 417 | 424 | 427 | 429 | 433 | 435 | 436 | 437 | 441 | 439 | 439 |
| St. Louis.....do..... | 421 | 430 | 441 | 446 | 449 | 456 | 459 | 462 | 469 | 470 | 471 | 470 | 475 |
| Associated General Contractors (all types) 1913=100.. | 294 | 295 | 300 | 307 | 312 | 314 | 318 | 320 | 321 | 321 | 321 | 321 | 332 |
| E. H. Boeckh and Associates, Inc.: | | | | | | | | | | | | | |
| Apartments, hotels, and office buildings: | | | | | | | | | | | | | |
| Brick and concrete: | | | | | | | | | | | | | |
| Atlanta.....U. S. average 1926-29=100.. | 160.3 | 162.4 | 164.1 | 165.0 | 165.5 | 166.9 | 168.6 | 172.1 | 172.4 | 173.6 | 173.6 | 173.9 | 182.5 |
| New York.....do..... | 211.2 | 215.5 | 216.4 | 218.5 | 219.0 | 219.8 | 225.1 | 225.2 | 233.9 | 235.9 | 237.1 | 237.4 | 241.2 |
| San Francisco.....do..... | 186.6 | 188.9 | 192.5 | 195.4 | 196.2 | 196.8 | 199.8 | 201.6 | 201.9 | 202.7 | 202.8 | 202.9 | 211.5 |
| St. Louis.....do..... | 187.8 | 189.9 | 191.2 | 192.2 | 193.6 | 194.9 | 198.1 | 199.4 | 200.2 | 200.6 | 200.6 | 208.7 | 210.4 |
| Commercial and factory buildings: | | | | | | | | | | | | | |
| Brick and concrete: | | | | | | | | | | | | | |
| Atlanta.....do..... | 159.6 | 161.2 | 162.3 | 163.0 | 163.4 | 164.5 | 166.7 | 172.7 | 172.9 | 175.3 | 175.3 | 175.5 | 181.6 |
| New York.....do..... | 212.5 | 214.9 | 216.0 | 217.4 | 217.8 | 218.4 | 224.6 | 224.8 | 237.0 | 238.5 | 239.3 | 239.5 | 245.1 |
| San Francisco.....do..... | 160.6 | 162.4 | 167.4 | 169.6 | 170.2 | 170.6 | 176.8 | 176.9 | 180.1 | 180.5 | 180.6 | 180.7 | 181.3 |
| St. Louis.....do..... | 187.8 | 189.4 | 190.8 | 191.5 | 192.5 | 193.4 | 193.9 | 194.2 | 194.3 | 194.3 | 194.3 | 194.3 | 194.3 |
| Brick and steel: | | | | | | | | | | | | | |
| Atlanta.....do..... | 158.8 | 161.4 | 165.0 | 165.8 | 166.2 | 169.4 | 171.4 | 173.8 | 174.0 | 175.3 | 175.3 | 175.5 | 180.9 |
| New York.....do..... | 206.6 | 209.4 | 210.4 | 213.8 | 214.2 | 215.1 | 220.0 | 220.1 | 229.9 | 232.1 | 234.5 | 234.7 | 237.4 |
| San Francisco.....do..... | 188.0 | 190.8 | 195.7 | 198.9 | 199.5 | 200.2 | 202.9 | 203.9 | 204.1 | 204.4 | 204.6 | 204.8 | 213.6 |
| St. Louis.....do..... | 187.5 | 190.1 | 192.3 | 193.4 | 194.5 | 196.3 | 199.6 | 200.4 | 201.3 | 201.5 | 201.5 | 209.0 | 209.6 |
| Residences: | | | | | | | | | | | | | |
| Brick: | | | | | | | | | | | | | |
| Atlanta.....do..... | 184.0 | 185.4 | 185.6 | 186.9 | 187.3 | 189.3 | 191.9 | 194.4 | 194.6 | 196.2 | 196.2 | 196.4 | 203.4 |
| New York.....do..... | 223.4 | 225.5 | 225.9 | 228.7 | 229.1 | 231.3 | 242.7 | 239.2 | 244.8 | 248.6 | 249.3 | 249.5 | 252.4 |
| San Francisco.....do..... | 195.1 | 196.7 | 198.4 | 207.1 | 207.7 | 207.7 | 207.7 | 213.8 | 214.0 | 214.9 | 214.9 | 215.6 | 222.2 |
| St. Louis.....do..... | 205.6 | 207.0 | 207.5 | 210.7 | 212.1 | 217.5 | 220.6 | 221.4 | 223.6 | 223.8 | 223.8 | 230.0 | 231.3 |
| Frame: | | | | | | | | | | | | | |
| Atlanta.....do..... | 187.9 | 189.3 | 189.5 | 191.0 | 191.4 | 194.0 | 196.7 | 198.5 | 198.7 | 199.7 | 199.7 | 199.9 | 206.8 |
| New York.....do..... | 225.0 | 227.1 | 227.5 | 231.0 | 231.4 | 234.1 | 238.8 | 243.2 | 246.4 | 250.7 | 251.6 | 251.8 | 253.6 |
| San Francisco.....do..... | 194.0 | 195.6 | 196.3 | 206.2 | 206.8 | 209.3 | 210.5 | 211.5 | 211.7 | 212.7 | 212.7 | 213.6 | 220.4 |
| St. Louis.....do..... | 207.2 | 208.6 | 209.0 | 213.0 | 214.0 | 220.9 | 224.0 | 224.8 | 227.5 | 227.5 | 227.5 | 234.2 | 235.5 |
| Engineering News-Record: | | | | | | | | | | | | | |
| Building.....1913=100.. | 308.9 | 317.8 | 322.6 | 327.3 | 329.2 | 333.1 | 333.6 | 335.5 | 334.2 | 334.6 | 333.9 | 339.3 | 342.4 |
| Construction (all types).....do..... | 413.8 | 422.9 | 426.4 | 434.6 | 436.9 | 441.1 | 441.7 | 442.7 | 443.6 | 443.0 | 447.9 | 455.8 | 463.2 |
| Federal Home Loan Bank Administration: | | | | | | | | | | | | | |
| Standard 6-room frame house:† | | | | | | | | | | | | | |
| Combined index.....1935-39=100.. | 184.8 | 185.1 | | | | | | | | | | | |
| Materials.....do..... | 189.0 | 188.5 | | | | | | | | | | | |
| Labor.....do..... | 179.2 | 181.0 | | | | | | | | | | | |
| REAL ESTATE | | | | | | | | | | | | | |
| Fed. Hous. Adm., home mortgage insurance: | | | | | | | | | | | | | |
| Premium-paying mortgages (cumulative) mil. of dol. | 7,217 | 7,295 | 7,377 | 7,473 | 7,593 | 7,691 | 7,816 | 7,954 | 8,084 | 8,244 | 8,396 | 8,547 | 8,734 |
| Estimated total nonfarm mortgages recorded (\$20,000 and under)*.....thous. of dol. | 947,357 | 994,787 | 988,446 | 1,022,648 | 1,103,030 | 954,569 | 1,006,626 | 909,447 | 826,874 | 955,441 | 993,678 | 999,456 | 1,049,591 |
| Estimated new mortgage loans by all savings and loan associations, total.....thous. of dol. | 323,368 | 353,105 | 351,757 | 356,871 | 376,000 | 311,292 | 310,201 | 273,202 | 254,581 | 318,602 | 336,947 | 332,441 | 346,469 |
| Classified according to purpose: | | | | | | | | | | | | | |
| Mortgage loans on homes: | | | | | | | | | | | | | |
| Construction.....do..... | 69,700 | 85,867 | 83,355 | 86,097 | 95,364 | 76,718 | 82,234 | 70,274 | 66,894 | 97,325 | 97,458 | 93,315 | 100,149 |
| Home purchase.....do..... | 184,626 | 194,057 | 200,183 | 203,443 | 208,488 | 170,831 | 163,703 | 140,122 | 126,462 | 146,213 | 156,701 | 161,309 | 169,206 |
| Refinancing.....do..... | 28,948 | 28,936 | 25,263 | 27,322 | 28,523 | 24,747 | 26,042 | 25,856 | 23,511 | 29,677 | 30,973 | 29,400 | 28,615 |
| Repairs and reconditioning.....do..... | 11,963 | 13,410 | 13,018 | 12,297 | 13,213 | 10,415 | 9,806 | 8,679 | 8,374 | 11,519 | 14,189 | 14,308 | 14,349 |
| Loans for all other purposes.....do..... | 28,131 | 30,835 | 29,938 | 27,712 | 30,412 | 28,581 | 28,416 | 28,271 | 29,340 | 33,868 | 37,626 | 34,109 | 34,150 |
| Loans outstanding of agencies under the Home Loan Bank Board: | | | | | | | | | | | | | |
| Federal Home Loan Banks, outstanding advances to member institutions.....mil. of dol. | 289 | 292 | 314 | 336 | 360 | 391 | 436 | 392 | 373 | 374 | 397 | 418 | 475 |
| Home Owners' Loan Corporation, balance of loans outstanding.....mil. of dol. | 557 | 544 | 532 | 520 | 508 | 497 | 486 | 475 | 465 | 454 | 444 | 434 | 424 |
| Foreclosures, nonfarm, index, adjusted† 1935-39=100.. | 7.0 | 6.9 | 6.9 | 6.6 | 6.6 | 5.8 | 6.7 | 6.5 | 6.8 | 7.0 | | | |
| Fire losses.....thous. of dol. | 50,840 | 49,387 | 51,359 | 47,990 | 54,946 | 51,346 | 68,361 | 63,010 | 71,521 | 74,236 | 63,751 | 59,256 | 54,706 |

DOMESTIC TRADE

| ADVERTISING | | | | | | | | | | | | | |
|-------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Advertising indexes, adjusted:† | | | | | | | | | | | | | |
| Printers' Ink, combined index.....1935-39=100.. | 283 | 263 | 262 | 281 | 284 | 277 | 269 | 258 | 289 | 290 | 294 | 302 | 300 |
| Farm papers.....do..... | 331 | 283 | 308 | 309 | 321 | 314 | 312 | 301 | 350 | 351 | 392 | 400 | 405 |
| Magazines.....do..... | 342 | 298 | 331 | 335 | 330 | 313 | 291 | 321 | 346 | 333 | 345 | 345 | 348 |
| Newspapers.....do..... | 230 | 215 | 218 | 217 | 214 | 200 | 199 | 205 | 242 | 227 | 247 | 256 | 262 |
| Outdoor.....do..... | 287 | 303 | 319 | 289 | 287 | 258 | 229 | 290 | 312 | 322 | 294 | 329 | 279 |
| Radio.....do..... | 289 | 284 | 291 | 298 | 309 | 312 | 320 | 303 | 319 | 308 | 314 | 312 | 300 |

† Revised. * Preliminary. ♂ Included in index for magazines beginning January 1948.

† Revisions for January 1940-December 1945 are available on request; see also note marked "†" on p. S-5.

* New series. For a description of the series on nonfarm mortgages recorded and data for January 1939 to September 1942 see p. S-5 of the November 1942 Survey. See note in the February 1947 Survey regarding the Engineering News-Record index of building costs; revisions for November 1946 to March 1947, inclusive: 280.0; 294.6; 301.6; 303.3; 305.2.

† Revised series. The index of nonfarm foreclosures has been revised beginning 1938 because of changes in the seasonal adjustment factors and discovery of certain errors in reporting; revised data for January 1938-April 1947 are available upon request. Indexes of advertising from Printers' Ink have been completely revised and all series are now based on dollar costs; data beginning 1935 and a description of the indexes will be published later. The indexes of cost of the standard 6-room frame house are shown on a revised basis beginning in the April 1946 Survey; revisions beginning November 1935 will be published later; the indexes were discontinued after June 1947.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|----------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| DOMESTIC TRADE—Continued | | | | | | | | | | | | | |
| ADVERTISING—Continued | | | | | | | | | | | | | |
| Tide advertising index, adjusted*.....1935-39=100.. | * 243.6 | * 244.8 | * 256.3 | * 261.0 | * 256.8 | * 257.8 | * 238.2 | 253.5 | 274.6 | 271.6 | 283.9 | 274.9 | 271.0 |
| Radio advertising: ‡ | | | | | | | | | | | | | |
| Cost of facilities, total.....thous. of dol. | 14,994 | 14,227 | 14,461 | 15,252 | 17,376 | 16,905 | 17,780 | 17,544 | 16,715 | 17,803 | 17,077 | 17,321 | ----- |
| Automobiles and accessories.....do. | 505 | 441 | 485 | 527 | 597 | 739 | 728 | 693 | 717 | 699 | 711 | 662 | ----- |
| Clothing.....do. | 100 | 130 | 187 | 151 | 139 | 195 | 92 | 121 | 133 | 118 | 121 | 152 | ----- |
| Electric household equipment.....do. | 275 | 314 | 278 | 345 | 379 | 333 | 511 | 569 | 543 | 603 | 603 | 651 | ----- |
| Financial.....do. | 400 | 381 | 393 | 367 | 471 | 440 | 464 | 450 | 482 | 511 | 483 | 481 | ----- |
| Foods, food beverages, confections.....do. | 3,883 | 4,106 | 4,268 | 4,402 | 5,128 | 4,907 | 5,203 | 5,000 | 4,766 | 5,122 | 4,893 | 4,850 | ----- |
| Gasoline and oil.....do. | 499 | 432 | 439 | 428 | 420 | 450 | 604 | 585 | 564 | 536 | 441 | 432 | ----- |
| Housefurnishings, etc.....do. | 167 | 172 | 172 | 156 | 168 | 172 | 152 | 254 | 232 | 225 | 177 | 192 | ----- |
| Soap, cleansers, etc.....do. | 1,606 | 1,542 | 1,453 | 1,715 | 1,704 | 1,499 | 1,647 | 1,544 | 1,452 | 1,734 | 1,672 | 1,775 | ----- |
| Smoking materials.....do. | 1,430 | 1,595 | 1,568 | 1,580 | 1,809 | 1,662 | 1,848 | 1,798 | 1,595 | 1,770 | 1,718 | 1,746 | ----- |
| Toilet goods, medical supplies.....do. | 4,516 | 3,982 | 3,868 | 4,268 | 4,967 | 4,688 | 5,033 | 4,991 | 4,694 | 5,031 | 4,857 | 4,808 | ----- |
| All other.....do. | 1,613 | 1,132 | 1,318 | 1,314 | 1,594 | 1,820 | 1,600 | 1,538 | 1,535 | 1,456 | 1,401 | 1,567 | ----- |
| Magazine advertising: | | | | | | | | | | | | | |
| Cost, total.....do. | 40,033 | ----- | ----- | 199,308 | ----- | ----- | 2126,436 | 27,688 | 37,486 | 47,992 | 45,917 | 52,011 | ----- |
| Automobiles and accessories.....do. | 2,772 | ----- | ----- | 17,555 | ----- | ----- | 27,308 | 2,604 | 3,442 | 3,450 | 3,442 | 4,241 | ----- |
| Clothing.....do. | 3,125 | ----- | ----- | 10,191 | ----- | ----- | 213,191 | 1,887 | 3,640 | 6,121 | 5,004 | 5,152 | ----- |
| Electric household equipment.....do. | 1,376 | ----- | ----- | 13,872 | ----- | ----- | 27,017 | 1,012 | 1,590 | 2,446 | 2,719 | 3,137 | ----- |
| Financial.....do. | 654 | ----- | ----- | 11,567 | ----- | ----- | 21,833 | 585 | 666 | 726 | 715 | 784 | ----- |
| Foods, food beverages, confections.....do. | 5,348 | ----- | ----- | 13,543 | ----- | ----- | 217,399 | 4,517 | 6,311 | 6,748 | 5,905 | 6,657 | ----- |
| Gasoline and oil.....do. | 683 | ----- | ----- | 12,142 | ----- | ----- | 21,331 | 304 | 381 | 640 | 848 | 1,048 | ----- |
| Housefurnishings, etc.....do. | 2,667 | ----- | ----- | 16,051 | ----- | ----- | 29,952 | 1,117 | 1,916 | 2,802 | 3,556 | 4,129 | ----- |
| Soap, cleansers, etc.....do. | 1,173 | ----- | ----- | 12,558 | ----- | ----- | 22,585 | 613 | 1,155 | 1,104 | 1,270 | 1,532 | ----- |
| Office furnishing and supplies.....do. | 763 | ----- | ----- | 11,650 | ----- | ----- | 22,532 | 414 | 495 | 850 | 691 | 1,054 | ----- |
| Smoking materials.....do. | 1,125 | ----- | ----- | 12,827 | ----- | ----- | 23,073 | 918 | 883 | 990 | 1,019 | 1,215 | ----- |
| Toilet goods, medical supplies.....do. | 5,926 | ----- | ----- | 12,771 | ----- | ----- | 215,691 | 3,793 | 5,584 | 6,304 | 5,711 | 5,702 | ----- |
| All other.....do. | 14,421 | ----- | ----- | 134,582 | ----- | ----- | 244,524 | 9,923 | 12,094 | 15,810 | 15,037 | 17,360 | ----- |
| Linage, total.....thous. of lines | 3,413 | 3,377 | 4,132 | 4,788 | 4,763 | 4,474 | 3,229 | 3,641 | 4,175 | 4,581 | 4,391 | 4,288 | ----- |
| Newspaper advertising: | | | | | | | | | | | | | |
| Linage, total (52 cities).....do. | 163,130 | 145,263 | 157,980 | 173,871 | 198,478 | 194,808 | 186,913 | 155,428 | 167,945 | 189,555 | 197,221 | 197,809 | 185,847 |
| Classified.....do. | 39,341 | 37,778 | 40,625 | 41,610 | 44,141 | 41,447 | 37,530 | 39,600 | 40,048 | 43,985 | 45,848 | 47,643 | 43,999 |
| Display, total.....do. | 123,789 | 107,485 | 117,355 | 132,262 | 154,337 | 153,361 | 149,383 | 115,828 | 127,897 | 145,571 | 151,373 | 150,166 | 141,848 |
| Automotive.....do. | 7,014 | 6,214 | 6,107 | 5,438 | 6,552 | 5,957 | 5,215 | 5,180 | 6,181 | 6,394 | 7,047 | 7,557 | 8,814 |
| Financial.....do. | 1,933 | 2,299 | 1,769 | 1,809 | 2,194 | 2,033 | 1,986 | 2,896 | 1,869 | 2,225 | 2,295 | 2,120 | 2,203 |
| General.....do. | 26,011 | 22,467 | 22,881 | 27,171 | 33,444 | 32,004 | 24,935 | 20,404 | 25,477 | 28,106 | 30,475 | 31,092 | 28,365 |
| Retail.....do. | 88,831 | 76,505 | 86,597 | 97,843 | 112,148 | 113,367 | 117,247 | 87,348 | 94,369 | 108,846 | 111,557 | 109,396 | 102,467 |
| GOODS IN WAREHOUSES | | | | | | | | | | | | | |
| Space occupied in public-merchandise warehouses percent of total.. | * 89.1 | 88.1 | 88.3 | 87.7 | 86.8 | 87.6 | 88.1 | 88.2 | 88.5 | 89.2 | 88.8 | 87.4 | 87.6 |
| POSTAL BUSINESS | | | | | | | | | | | | | |
| Money orders: | | | | | | | | | | | | | |
| Domestic, issued (50 cities): | | | | | | | | | | | | | |
| Number.....thousands.. | 4,177 | 4,334 | 3,822 | 4,041 | 4,401 | 4,185 | 4,710 | 4,586 | 4,339 | 5,281 | 5,122 | 4,470 | 4,733 |
| Value.....thous. of dol. | 87,284 | 87,320 | 81,664 | 89,874 | 91,665 | 85,095 | 91,655 | 92,651 | 86,412 | 106,540 | 95,871 | 88,565 | 94,494 |
| Domestic, paid (50 cities): | | | | | | | | | | | | | |
| Number.....thousands.. | 16,948 | 13,253 | 12,587 | 13,334 | 15,371 | 13,922 | 15,652 | 14,412 | 13,135 | 16,749 | 15,552 | 14,252 | 15,267 |
| Value.....thous. of dol. | 178,353 | 186,565 | 166,697 | 197,141 | 223,262 | 196,844 | 214,581 | 201,299 | 186,247 | 240,369 | 220,748 | 198,921 | 217,320 |
| PERSONAL CONSUMPTION EXPENDITURES | | | | | | | | | | | | | |
| Seasonally adjusted quarterly total at annual rates:* | | | | | | | | | | | | | |
| All goods and services.....bil. of dol. | 164.2 | ----- | ----- | 165.6 | ----- | ----- | 171.1 | ----- | ----- | * 172.0 | ----- | ----- | 175.1 |
| Durable goods.....do. | 21.1 | ----- | ----- | 21.1 | ----- | ----- | 22.1 | ----- | ----- | 21.4 | ----- | ----- | 22.3 |
| Automobiles and parts.....do. | 7.4 | ----- | ----- | 7.2 | ----- | ----- | 7.8 | ----- | ----- | * 7.7 | ----- | ----- | 7.7 |
| Furniture and household equipment.....do. | 9.8 | ----- | ----- | 9.9 | ----- | ----- | 10.3 | ----- | ----- | 9.8 | ----- | ----- | 10.7 |
| Other durable goods.....do. | 3.9 | ----- | ----- | 3.9 | ----- | ----- | 4.0 | ----- | ----- | * 3.9 | ----- | ----- | 3.9 |
| Nondurable goods.....do. | 96.3 | ----- | ----- | 96.8 | ----- | ----- | 100.2 | ----- | ----- | * 101.0 | ----- | ----- | 102.4 |
| Clothing and shoes.....do. | 19.6 | ----- | ----- | 19.2 | ----- | ----- | 20.0 | ----- | ----- | * 18.9 | ----- | ----- | 20.1 |
| Food and alcoholic beverages.....do. | 57.5 | ----- | ----- | 58.3 | ----- | ----- | 59.6 | ----- | ----- | * 61.3 | ----- | ----- | 61.6 |
| Gasoline and oil.....do. | 3.7 | ----- | ----- | 3.6 | ----- | ----- | 3.8 | ----- | ----- | 3.9 | ----- | ----- | 3.9 |
| Semidurable house furnishings.....do. | 1.8 | ----- | ----- | 1.8 | ----- | ----- | 1.9 | ----- | ----- | 1.9 | ----- | ----- | 1.8 |
| Tobacco.....do. | 3.9 | ----- | ----- | 3.9 | ----- | ----- | 4.0 | ----- | ----- | 3.9 | ----- | ----- | 4.0 |
| Other nondurable goods.....do. | 9.8 | ----- | ----- | 10.0 | ----- | ----- | 10.9 | ----- | ----- | * 11.1 | ----- | ----- | 10.9 |
| Services.....do. | 46.7 | ----- | ----- | 47.7 | ----- | ----- | 48.8 | ----- | ----- | 49.6 | ----- | ----- | 50.4 |
| Household operation.....do. | 6.9 | ----- | ----- | 7.0 | ----- | ----- | 7.3 | ----- | ----- | 7.5 | ----- | ----- | 7.6 |
| Housing.....do. | 14.1 | ----- | ----- | 14.6 | ----- | ----- | 15.2 | ----- | ----- | 15.4 | ----- | ----- | 15.7 |
| Personal service.....do. | 3.2 | ----- | ----- | 3.2 | ----- | ----- | 3.2 | ----- | ----- | 3.2 | ----- | ----- | 3.2 |
| Recreation.....do. | 3.8 | ----- | ----- | 3.8 | ----- | ----- | 3.8 | ----- | ----- | 3.8 | ----- | ----- | 3.9 |
| Transportation.....do. | 4.4 | ----- | ----- | 4.5 | ----- | ----- | 4.5 | ----- | ----- | 4.5 | ----- | ----- | 4.6 |
| Other services.....do. | 14.3 | ----- | ----- | 14.5 | ----- | ----- | 14.8 | ----- | ----- | 15.1 | ----- | ----- | 15.4 |
| RETAIL TRADE | | | | | | | | | | | | | |
| All retail stores:† | | | | | | | | | | | | | |
| Estimated sales, total.....mil. of dol. | 9,489 | 9,357 | 9,629 | 10,141 | 10,910 | 10,727 | 12,657 | 9,695 | 8,921 | 10,633 | 10,614 | * 10,711 | 10,755 |
| Durable goods store.....do. | 2,402 | 2,403 | 2,396 | 2,582 | 2,831 | 2,638 | 2,958 | 2,316 | 2,137 | 2,678 | * 2,834 | * 2,714 | 2,887 |
| Automotive group.....do. | 987 | 1,014 | 994 | 1,052 | 1,148 | 1,070 | 1,080 | 1,062 | 995 | 1,272 | 2,242 | * 1,088 | 1,183 |
| Motor vehicles.....do. | 839 | 861 | 839 | 899 | 988 | 910 | 911 | 946 | 886 | 1,133 | 1,086 | 931 | 1,005 |
| Parts and accessories.....do. | 148 | 153 | 155 | 152 | 160 | 160 | 168 | 117 | 109 | 139 | 156 | * 157 | 178 |
| Building materials and hardware.....do. | 741 | 770 | 763 | 839 | 941 | 796 | 809 | 680 | 606 | 757 | 878 | * 893 | 956 |
| Building materials.....do. | 476 | 509 | 514 | 575 | 645 | 523 | 495 | 450 | 398 | 491 | 567 | * 584 | 636 |
| Farm implements.....do. | 77 | 77 | 70 | 71 | 92 | 71 | 62 | 71 | 61 | 82 | 98 | 93 | 101 |
| Hardware.....do. | 187 | 184 | 179 | 193 | 204 | 197 | 252 | 159 | 146 | 183 | 214 | 216 | 219 |
| Homefurnishings group.....do. | 570 | 536 | 550 | 594 | 641 | 651 | 791 | 496 | 466 | 571 | 632 | 638 | 645 |
| Furniture and housefurnishings.....do. | 368 | 334 | 347 | 385 | 408 | 425 | 496 | 310 | 294 | 362 | 405 | 429 | 416 |
| Household appliance and radios.....do. | 202 | 202 | 203 | 210 | 233 | 225 | 295 | 186 | 172 | 209 | 227 | 218 | 229 |
| Jewelry stores.....do. | 104 | 84 | 89 | 97 | 101 | 121 | 279 | 78 | 71 | 78 | 82 | 95 | 103 |

* Revised. † Total for July, August and September. ‡ Total for October, November and December.

§ Beginning January 1948, data include advertising in farm magazines and several other magazines not included previously and data for stoves and ranges other than electric formerly classified under house furnishings, are included under electric household equipment and there have been additional minor changes in the classifications. More complete information on these changes will be published later.

New series. † The Tide index of advertising has been revised beginning 1936. Revisions for January-May 1947: 234.9; 235.8; 243.9; 243.9; 244.5. Earlier data and a description of the series will be published later. ‡ The estimates of consumption expenditures have been recently revised beginning 1944; revised figures for 1944-47 for the grand total and for total durable goods, nondurable goods, and services are shown as a component of gross national product on p. 28 of the July 1948 Survey issue; earlier figures for these series and detailed annual estimates of consumption expenditures for 1929-44 are available in the "National Income Supplement" referred to in note marked "" on p. S-1; quarterly data beginning 1939 for all series will be published later.

† Revised series. See note marked "*" on p. S-7 of the September 1947 Survey for reference to tables giving data through June 1944 and 1945 revisions for sales of all retail stores; the seasonally adjusted indexes beginning 1942 shown in those tables and later data published currently on p. S-8 were recently revised because of changes in the seasonal adjustment factors and both the dollar figures and indexes beginning January 1946 were revised in the January 1948 issue, largely because of adjustment of the series to sales tax data for 1946; all data shown above are on the revised basis; revised dollar figures for all months of 1946 and revised indexes for 1942-46 are shown on p. 10 of the January 1948 Survey.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|------------|---------|----------|----------|---------|----------|--------|--------|--------|--------|
| | June | July | August | Sep-tember | October | November | December | January | February | March | April | May | June |
| DOMESTIC TRADE—Continued | | | | | | | | | | | | | |
| RETAIL TRADE—Continued | | | | | | | | | | | | | |
| All retail stores—Continued | | | | | | | | | | | | | |
| Estimated sales—Continued | | | | | | | | | | | | | |
| Nondurable goods stores..... mil. of dol. | 7,087 | 6,954 | 7,233 | 7,559 | 8,079 | 8,089 | 9,699 | 7,379 | 6,784 | 7,955 | 7,779 | 7,998 | 7,868 |
| Apparel group..... do..... | 707 | 558 | 606 | 825 | 858 | 906 | 1,202 | 627 | 565 | 854 | 738 | 763 | 760 |
| Men's clothing and furnishings..... do..... | 189 | 134 | 139 | 201 | 212 | 247 | 350 | 156 | 136 | 194 | 170 | 178 | 199 |
| Women's apparel and accessories..... do..... | 291 | 241 | 271 | 367 | 387 | 395 | 495 | 285 | 262 | 394 | 346 | 351 | 325 |
| Family and other apparel..... do..... | 96 | 77 | 86 | 114 | 120 | 134 | 182 | 87 | 79 | 116 | 96 | 100 | 98 |
| Shoes..... do..... | 131 | 106 | 110 | 143 | 139 | 131 | 174 | 98 | 88 | 151 | 126 | 134 | 136 |
| Drug stores..... do..... | 290 | 293 | 300 | 298 | 307 | 296 | 401 | 293 | 280 | 300 | 289 | 301 | 298 |
| Eating and drinking places..... do..... | 1,032 | 1,052 | 1,089 | 1,086 | 1,131 | 1,033 | 1,085 | 1,008 | 942 | 1,043 | 1,047 | 1,064 | 1,051 |
| Food group..... do..... | 2,518 | 2,618 | 2,714 | 2,609 | 2,768 | 2,825 | 2,995 | 2,873 | 2,592 | 2,842 | 2,850 | 2,964 | 2,844 |
| Grocery and combination..... do..... | 1,995 | 2,083 | 2,170 | 2,063 | 2,243 | 2,212 | 2,377 | 2,308 | 2,060 | 2,247 | 2,255 | 2,348 | 2,232 |
| Other food..... do..... | 523 | 535 | 544 | 546 | 582 | 556 | 618 | 565 | 532 | 594 | 595 | 616 | 612 |
| Filling stations..... do..... | 440 | 472 | 485 | 466 | 483 | 496 | 496 | 479 | 435 | 495 | 523 | 550 | 552 |
| General merchandise group..... do..... | 1,195 | 1,074 | 1,156 | 1,345 | 1,457 | 1,605 | 2,207 | 1,081 | 1,033 | 1,384 | 1,336 | 1,360 | 1,528 |
| Department, including mail-order..... do..... | 788 | 677 | 743 | 907 | 986 | 1,111 | 1,478 | 719 | 690 | 940 | 910 | 906 | 906 |
| General, including general merchandise with food..... mil. of dol. | 153 | 155 | 157 | 160 | 168 | 168 | 194 | 136 | 122 | 148 | 160 | 171 | 170 |
| Other general mdse. and dry goods..... do..... | 120 | 110 | 115 | 132 | 141 | 149 | 210 | 104 | 97 | 127 | 125 | 131 | 130 |
| Variety..... do..... | 134 | 133 | 140 | 146 | 162 | 177 | 326 | 122 | 125 | 168 | 142 | 153 | 152 |
| Other retail stores..... do..... | 905 | 887 | 884 | 930 | 1,018 | 985 | 1,313 | 1,019 | 938 | 1,038 | 996 | 995 | 1,005 |
| Feed and farm supply..... do..... | 249 | 251 | 238 | 244 | 266 | 214 | 245 | 240 | 223 | 278 | 294 | 269 | 276 |
| Fuel and ice..... do..... | 155 | 153 | 139 | 170 | 181 | 189 | 260 | 309 | 278 | 243 | 166 | 182 | 184 |
| Liquors..... do..... | 134 | 134 | 148 | 132 | 162 | 162 | 246 | 146 | 131 | 145 | 144 | 143 | 136 |
| Other..... do..... | 368 | 349 | 359 | 384 | 409 | 420 | 562 | 325 | 306 | 372 | 393 | 402 | 410 |
| Indexes of sales: | | | | | | | | | | | | | |
| Unadjusted, combined index..... 1935-39=100..... | 302.9 | 287.1 | 289.7 | 323.6 | 328.6 | 342.1 | 386.1 | 293.0 | 295.2 | 321.0 | 330.4 | 329.9 | 335.4 |
| Durable goods stores..... do..... | 309.4 | 298.4 | 297.3 | 332.6 | 343.1 | 348.6 | 367.5 | 287.2 | 285.8 | 325.3 | 356.6 | 345.4 | 362.6 |
| Nondurable goods stores..... do..... | 300.8 | 283.4 | 287.2 | 320.7 | 323.9 | 340.0 | 392.1 | 294.9 | 298.3 | 319.6 | 321.8 | 324.9 | 326.5 |
| Adjusted, combined index..... do..... | 301.6 | 301.2 | 298.0 | 314.7 | 317.6 | 324.7 | 329.9 | 324.5 | 322.1 | 327.9 | 336.5 | 328.2 | 333.7 |
| Durable goods stores..... do..... | 297.7 | 296.9 | 297.5 | 322.5 | 327.6 | 331.5 | 340.5 | 330.3 | 326.2 | 341.9 | 357.8 | 331.4 | 346.3 |
| Automotive..... do..... | 222.1 | 222.8 | 220.4 | 243.1 | 255.8 | 252.1 | 265.0 | 260.9 | 261.5 | 287.6 | 296.4 | 243.0 | 264.2 |
| Building materials and hardware..... do..... | 343.1 | 353.4 | 359.5 | 388.3 | 395.8 | 401.2 | 408.3 | 394.1 | 390.2 | 389.9 | 408.2 | 412.0 | 425.9 |
| Home furnishings..... do..... | 444.2 | 426.7 | 428.4 | 455.6 | 439.4 | 464.8 | 463.8 | 441.1 | 425.2 | 433.9 | 469.6 | 480.3 | 476.5 |
| Jewelry..... do..... | 442.6 | 417.4 | 416.0 | 438.6 | 409.1 | 415.4 | 426.3 | 410.1 | 388.6 | 391.6 | 404.7 | 400.8 | 412.3 |
| Nondurable goods stores..... do..... | 302.9 | 302.6 | 298.1 | 312.1 | 314.3 | 322.5 | 326.5 | 322.6 | 320.8 | 323.3 | 329.6 | 327.2 | 329.6 |
| Apparel..... do..... | 300.3 | 293.8 | 277.0 | 313.9 | 293.8 | 321.5 | 310.8 | 290.5 | 292.6 | 292.6 | 298.2 | 302.2 | 312.0 |
| Drug..... do..... | 248.8 | 246.5 | 252.3 | 254.6 | 257.1 | 254.4 | 251.4 | 254.8 | 255.3 | 256.1 | 251.4 | 250.2 | 253.6 |
| Eating and drinking places..... do..... | 406.5 | 409.6 | 406.0 | 418.3 | 426.7 | 408.6 | 423.1 | 418.7 | 418.9 | 422.4 | 425.5 | 410.5 | 413.9 |
| Food..... do..... | 329.0 | 329.8 | 324.4 | 340.6 | 355.2 | 357.0 | 363.4 | 372.3 | 369.0 | 371.8 | 376.4 | 372.5 | 367.3 |
| Filling stations..... do..... | 201.9 | 221.7 | 221.3 | 218.7 | 219.6 | 240.9 | 230.2 | 243.3 | 238.8 | 251.7 | 261.6 | 252.7 | 253.0 |
| General merchandise..... do..... | 253.1 | 251.6 | 249.5 | 258.0 | 248.4 | 266.6 | 272.6 | 248.8 | 249.0 | 253.3 | 268.7 | 269.7 | 276.0 |
| Other retail stores..... do..... | 329.5 | 317.5 | 313.4 | 329.2 | 335.1 | 343.3 | 353.8 | 351.0 | 346.1 | 339.1 | 338.6 | 343.8 | 352.9 |
| Estimated inventories, total*..... mil. of dol. | 11,594 | 11,431 | 11,815 | 12,155 | 13,099 | 13,487 | 12,426 | 12,779 | 13,625 | 14,280 | 14,164 | 13,992 | 13,802 |
| Durable goods stores*..... do..... | 3,954 | 3,878 | 3,954 | 4,013 | 4,182 | 4,195 | 4,148 | 4,358 | 4,634 | 5,011 | 4,946 | 4,925 | 4,998 |
| Nondurable goods stores*..... do..... | 7,640 | 7,553 | 7,861 | 8,142 | 8,917 | 9,292 | 8,278 | 8,421 | 8,991 | 9,269 | 9,218 | 9,067 | 8,804 |
| Chain stores and mail-order houses:† | | | | | | | | | | | | | |
| Sales, estimated, total*..... do..... | 1,997 | 1,938 | 2,036 | 2,133 | 2,319 | 2,348 | 2,851 | 2,014 | 1,874 | 2,313 | 2,267 | 2,355 | 2,313 |
| Apparel group*..... do..... | 229 | 181 | 187 | 246 | 253 | 260 | 352 | 173 | 170 | 288 | 240 | 256 | 256 |
| Men's wear*..... do..... | 39 | 25 | 27 | 44 | 47 | 55 | 65 | 32 | 30 | 48 | 42 | 40 | 43 |
| Women's wear*..... do..... | 103 | 88 | 90 | 109 | 113 | 116 | 162 | 80 | 82 | 138 | 112 | 126 | 120 |
| Shoes*..... do..... | 68 | 53 | 55 | 72 | 71 | 67 | 96 | 46 | 44 | 78 | 65 | 70 | 73 |
| Automotive parts and accessories*..... do..... | 44 | 45 | 46 | 42 | 41 | 47 | 56 | 28 | 28 | 37 | 44 | 46 | 50 |
| Building materials*..... do..... | 93 | 97 | 99 | 112 | 117 | 88 | 76 | 80 | 68 | 81 | 102 | 110 | 116 |
| Drug*..... do..... | 65 | 65 | 68 | 66 | 69 | 68 | 97 | 66 | 66 | 69 | 65 | 67 | 67 |
| Eating and drinking*..... do..... | 50 | 52 | 52 | 52 | 54 | 50 | 54 | 51 | 49 | 54 | 52 | 52 | 52 |
| Furniture and housefurnishings*..... do..... | 26 | 24 | 25 | 27 | 29 | 35 | 42 | 21 | 22 | 28 | 28 | 28 | 29 |
| General merchandise group*..... do..... | 509 | 473 | 518 | 593 | 645 | 696 | 954 | 449 | 431 | 599 | 586 | 588 | 604 |
| Department, dry goods, and general merchandise*..... mil. of dol. | 304 | 279 | 303 | 347 | 366 | 399 | 528 | 249 | 230 | 330 | 348 | 357 | 365 |
| Mail-order (catalog sales)*..... do..... | 77 | 68 | 82 | 108 | 126 | 132 | 130 | 84 | 84 | 113 | 103 | 86 | 95 |
| Variety*..... do..... | 116 | 115 | 121 | 126 | 140 | 153 | 281 | 105 | 108 | 146 | 123 | 132 | 132 |
| Grocery and combination*..... do..... | 661 | 653 | 722 | 662 | 754 | 755 | 786 | 804 | 725 | 797 | 792 | 844 | 770 |
| Indexes of sales: | | | | | | | | | | | | | |
| Unadjusted, combined index*..... 1935-39=100..... | 277.1 | 258.3 | 257.0 | 295.6 | 301.6 | 320.0 | 377.2 | 259.1 | 269.1 | 303.2 | 304.1 | 310.9 | 312.6 |
| Adjusted, combined index*..... do..... | 280.9 | 280.5 | 280.3 | 291.0 | 287.7 | 297.4 | 301.9 | 289.9 | 292.7 | 300.6 | 313.9 | 311.3 | 313.1 |
| Apparel group*..... do..... | 305.0 | 306.5 | 306.6 | 326.1 | 300.8 | 323.3 | 320.8 | 281.1 | 293.2 | 305.7 | 326.8 | 322.9 | 323.9 |
| Men's wear*..... do..... | 286.7 | 292.1 | 305.7 | 346.5 | 288.5 | 333.7 | 304.5 | 278.0 | 285.5 | 282.5 | 299.4 | 299.7 | 306.7 |
| Women's wear*..... do..... | 388.1 | 382.3 | 360.3 | 390.2 | 365.9 | 398.0 | 397.3 | 353.5 | 373.8 | 393.9 | 419.8 | 416.3 | 413.3 |
| Shoes*..... do..... | 233.4 | 241.2 | 240.8 | 253.7 | 246.6 | 244.8 | 256.9 | 211.2 | 217.5 | 232.3 | 247.3 | 243.3 | 245.4 |
| Automotive parts and accessories*..... do..... | 241.6 | 232.4 | 240.0 | 228.3 | 213.3 | 250.4 | 251.8 | 205.3 | 206.2 | 223.1 | 254.2 | 251.9 | 255.6 |
| Building materials*..... do..... | 325.1 | 328.6 | 333.7 | 361.5 | 334.8 | 326.1 | 334.4 | 355.0 | 345.6 | 332.5 | 358.3 | 360.6 | 387.6 |
| Drug*..... do..... | 223.9 | 222.9 | 229.0 | 229.7 | 227.2 | 226.0 | 226.8 | 228.0 | 234.5 | 231.6 | 225.3 | 227.7 | 227.8 |
| Eating and drinking*..... do..... | 226.5 | 222.8 | 220.2 | 221.3 | 218.7 | 211.9 | 219.1 | 220.2 | 223.0 | 228.6 | 227.5 | 226.8 | 235.6 |
| Furniture and housefurnishings*..... do..... | 256.9 | 243.1 | 245.9 | 218.5 | 218.5 | 279.3 | 269.3 | 261.1 | 258.7 | 261.7 | 252.7 | 264.8 | 273.8 |
| General merchandise group*..... do..... | 275.2 | 273.9 | 272.4 | 286.3 | 275.0 | 292.6 | 306.0 | 268.4 | 271.9 | 286.0 | 313.8 | 297.9 | 311.3 |
| Department dry goods, and general merchandise*..... 1935-39=100..... | 332.6 | 329.0 | 322.4 | 347.9 | 322.7 | 347.9 | 350.5 | 322.3 | 322.3 | 343.6 | 387.4 | 364.4 | 374.1 |
| Mail-order*..... do..... | 265.8 | 270.0 | 276.3 | 259.0 | 265.7 | 283.0 | 305.0 | 256.5 | 256.3 | 263.0 | 285.1 | 283.3 | 315.1 |
| Variety*..... do..... | 193.7 | 192.7 | 194.2 | 208.7 | 207.4 | 214.7 | 240.4 | 193.4 | 205.4 | 212.7 | 220.3 | 206.1 | 215.3 |
| Grocery and combination*..... do..... | 316.7 | 320.5 | 322.4 | 326.0 | 339.5 | 338.1 | 337.5 | 350.1 | 353.7 | 359.8 | 363.3 | 371.0 | 357.4 |
| Department stores: | | | | | | | | | | | | | |
| Accounts, collections, and sales by type of payment: | | | | | | | | | | | | | |
| Accounts receivable: | | | | | | | | | | | | | |
| Charge accounts\$..... 1941 average=100..... | 165 | 146 | 145 | 166 | 181 | 204 | 263 | 205 | 181 | 190 | 192 | 193 | 193 |
| Instalment accounts\$..... do..... | 82 | 83 | 84 | 87 | 95 | 111 | 136 | 127 | 124 | 129 | 131 | 134 | 136 |
| Ratio of collections to accounts receivable: | | | | | | | | | | | | | |
| Charge accounts\$..... percent..... | 54 | 53 | | | | | | | | | | | |

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|---------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| DOMESTIC TRADE—Continued | | | | | | | | | | | | | |
| RETAIL TRADE—Continued | | | | | | | | | | | | | |
| Department stores—Continued | | | | | | | | | | | | | |
| Sales, unadjusted, total U. S.†.....1935-39=100 | 266 | 219 | 236 | 299 | 298 | 374 | 483 | 224 | 237 | 284 | 287 | 300 | 289 |
| Atlanta†.....do | 307 | 269 | 310 | 368 | 372 | 460 | 619 | 284 | 316 | 387 | 366 | 375 | 333 |
| Boston†.....do | 232 | 164 | 176 | 248 | 234 | 306 | 419 | 170 | 174 | 228 | 231 | 240 | 241 |
| Chicago†.....do | 270 | 219 | 224 | 296 | 284 | 364 | 455 | 217 | 225 | 266 | 283 | 289 | 290 |
| Cleveland†.....do | 267 | 220 | 237 | 293 | 290 | 371 | 479 | 216 | 233 | 284 | 280 | 304 | 288 |
| Dallas†.....do | 308 | 288 | 327 | 387 | 396 | 507 | 633 | 316 | 324 | 384 | 399 | 393 | 345 |
| Kansas City†.....do | 282 | 250 | 277 | 336 | 336 | 392 | 505 | 245 | 254 | 301 | 320 | 326 | 301 |
| Minneapolis†.....do | 263 | 217 | 242 | 311 | 304 | 335 | 424 | 214 | 206 | 263 | 284 | 294 | 277 |
| New York†.....do | 231 | 179 | 179 | 244 | 253 | 323 | 408 | 192 | 202 | 234 | 237 | 252 | 246 |
| Philadelphia†.....do | 238 | 185 | 193 | 266 | 280 | 370 | 460 | 204 | 216 | 284 | 262 | 287 | 266 |
| Richmond†.....do | 278 | 215 | 233 | 322 | 324 | 394 | 542 | 214 | 245 | 317 | 295 | 311 | 294 |
| St. Louis†.....do | 269 | 249 | 264 | 340 | 330 | 428 | 516 | 239 | 288 | 318 | 326 | 333 | 311 |
| San Francisco†.....do | 303 | 282 | 311 | 345 | 350 | 421 | 571 | 381 | 295 | 326 | 333 | 339 | 338 |
| Sales, adjusted, total U. S.† | 289 | 286 | 283 | 292 | 277 | 302 | 303 | 284 | 283 | 284 | 304 | 310 | 313 |
| Atlanta†.....do | 365 | 336 | 352 | 361 | 348 | 383 | 394 | 355 | 359 | 368 | 390 | 394 | 397 |
| Boston†.....do | 249 | 237 | 234 | 236 | 211 | 248 | 243 | 216 | 223 | 235 | 233 | 242 | 259 |
| Chicago†.....do | 278 | 281 | 266 | 290 | 266 | 298 | 293 | 271 | 281 | 274 | 289 | 289 | 299 |
| Cleveland†.....do | 284 | 281 | 273 | 290 | 271 | 296 | 309 | 284 | 284 | 270 | 295 | 320 | 306 |
| Dallas†.....do | 362 | 378 | 376 | 368 | 360 | 415 | 388 | 390 | 368 | 384 | 448 | 418 | 406 |
| Kansas City†.....do | 306 | 298 | 307 | 323 | 320 | 335 | 334 | 306 | 292 | 307 | 337 | 336 | 328 |
| Minneapolis†.....do | 277 | 268 | 271 | 287 | 276 | 281 | 277 | 286 | 267 | 278 | 283 | 306 | 292 |
| New York†.....do | 249 | 251 | 246 | 239 | 226 | 248 | 241 | 240 | 241 | 229 | 255 | 268 | 265 |
| Philadelphia†.....do | 255 | 257 | 258 | 266 | 265 | 280 | 277 | 272 | 280 | 263 | 278 | 284 | 283 |
| Richmond†.....do | 317 | 301 | 282 | 303 | 297 | 310 | 322 | 286 | 306 | 317 | 321 | 313 | 335 |
| St. Louis†.....do | 299 | 320 | 307 | 337 | 308 | 339 | 337 | 291 | 307 | 318 | 343 | 340 | 346 |
| San Francisco†.....do | 334 | 331 | 352 | 345 | 340 | 348 | 361 | 348 | 327 | 339 | 362 | 364 | 373 |
| Stocks, total U. S., end of month:† | | | | | | | | | | | | | |
| Unadjusted.....1935-39=100 | 237 | 232 | 245 | 256 | 283 | 295 | 243 | 252 | 278 | 302 | 307 | 296 | 278 |
| Adjusted.....do | 242 | 231 | 227 | 231 | 251 | 273 | 283 | 288 | 303 | 312 | 308 | 296 | 284 |
| Mail-order and store sales: | | | | | | | | | | | | | |
| Total sales, 2 companies.....thous. of dol. | 253,091 | 231,957 | 254,738 | 306,643 | 333,123 | 355,255 | 415,686 | 230,794 | 215,575 | 301,627 | 319,342 | 297,939 | 308,843 |
| Montgomery Ward & Co.....do | 89,635 | 84,330 | 97,334 | 117,507 | 127,144 | 129,206 | 148,113 | 74,116 | 75,631 | 107,103 | 115,382 | 104,612 | 105,305 |
| Sears, Roebuck & Co.....do | 163,456 | 147,627 | 157,405 | 189,136 | 205,979 | 226,048 | 267,573 | 156,679 | 139,944 | 194,524 | 203,959 | 193,327 | 203,538 |
| Rural sales of general merchandise: | | | | | | | | | | | | | |
| Total U. S., unadjusted.....1929-31=100 | 287.7 | 243.1 | 306.6 | 375.9 | 405.1 | 484.6 | 466.6 | 273.8 | 299.8 | 358.8 | 342.6 | 322.1 | 333.6 |
| East.....do | 278.0 | 225.2 | 297.0 | 340.6 | 398.1 | 491.4 | 448.6 | 262.8 | 285.7 | 370.4 | 343.3 | 306.9 | 320.5 |
| South.....do | 384.3 | 352.0 | 403.9 | 523.6 | 612.6 | 727.8 | 644.9 | 423.8 | 462.6 | 485.1 | 467.7 | 428.4 | 433.2 |
| Middle West.....do | 251.1 | 215.1 | 262.5 | 320.8 | 333.4 | 405.4 | 389.9 | 224.6 | 256.5 | 309.4 | 293.4 | 277.5 | 293.6 |
| Far West.....do | 335.3 | 288.7 | 372.8 | 446.9 | 446.3 | 515.3 | 568.2 | 301.4 | 309.4 | 382.3 | 375.6 | 362.7 | 399.7 |
| Total U. S., adjusted.....do | 315.8 | 333.0 | 374.8 | 355.6 | 311.8 | 372.5 | 291.8 | 359.7 | 370.5 | 408.6 | 372.8 | 350.9 | 366.2 |
| East.....do | 302.8 | 313.5 | 372.6 | 346.5 | 309.3 | 381.2 | 269.4 | 345.8 | 361.5 | 412.4 | 360.2 | 333.6 | 349.1 |
| South.....do | 478.0 | 489.0 | 560.2 | 474.3 | 413.3 | 530.1 | 429.3 | 535.7 | 507.3 | 537.2 | 530.8 | 505.1 | 538.8 |
| Middle West.....do | 266.0 | 291.5 | 318.2 | 313.0 | 262.5 | 309.2 | 249.9 | 293.6 | 315.1 | 349.2 | 314.2 | 293.0 | 311.0 |
| Far West.....do | 351.8 | 352.1 | 404.8 | 381.9 | 371.6 | 424.8 | 348.1 | 410.1 | 418.1 | 464.5 | 420.6 | 403.4 | 419.4 |
| WHOLESALE TRADE | | | | | | | | | | | | | |
| Service and limited function wholesalers:* | | | | | | | | | | | | | |
| Estimated sales, total.....mil. of dol. | 5,065 | 5,230 | 5,342 | 5,912 | 6,679 | 6,036 | 6,178 | 5,720 | 5,282 | 5,868 | 5,815 | 5,517 | 5,732 |
| Durable goods establishments.....do | 1,792 | 1,734 | 1,766 | 1,923 | 2,144 | 1,967 | 2,046 | 1,874 | 1,867 | 2,143 | 2,047 | 2,047 | 2,114 |
| Nondurable goods establishments.....do | 3,273 | 3,496 | 3,576 | 3,989 | 4,535 | 4,069 | 4,132 | 3,846 | 3,415 | 3,725 | 3,622 | 3,470 | 3,618 |
| All wholesalers, estimated inventories*.....do | 6,755 | 6,660 | 6,768 | 6,888 | 6,930 | 7,370 | 7,499 | 7,634 | 7,835 | 8,200 | 8,115 | 8,078 | 8,122 |

EMPLOYMENT CONDITIONS AND WAGES

| EMPLOYMENT | | | | | | | | | | | | | |
|-------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Employment status of noninstitutional population:* | | | | | | | | | | | | | |
| Estimated number 14 years of age and over, total.....thous. | 107,407 | 107,504 | 107,590 | 107,675 | 107,755 | 107,839 | 107,918 | 107,979 | 108,050 | 108,124 | 108,173 | 108,262 | 108,346 |
| Female.....do | 54,506 | 54,561 | 54,612 | 54,661 | 54,710 | 54,759 | 54,805 | 54,844 | 54,889 | 54,934 | 54,969 | 55,021 | 55,071 |
| Male.....do | 52,901 | 52,943 | 52,978 | 53,014 | 53,045 | 53,080 | 53,113 | 53,135 | 53,161 | 53,190 | 53,204 | 53,241 | 53,275 |
| Armed forces.....do | 1,398 | 1,371 | 1,352 | 1,326 | 1,327 | 1,294 | 1,280 | 1,241 | 1,226 | 1,236 | 1,236 | 1,238 | 1,261 |
| Civilian labor force, total.....do | 62,609 | 62,664 | 61,665 | 60,784 | 60,892 | 60,216 | 59,590 | 59,214 | 59,778 | 59,769 | 60,524 | 60,422 | 63,479 |
| Female.....do | 18,149 | 17,803 | 17,125 | 17,233 | 17,449 | 17,068 | 16,698 | 16,368 | 16,752 | 16,760 | 17,155 | 17,124 | 18,685 |
| Male.....do | 44,460 | 44,861 | 44,540 | 43,551 | 43,443 | 43,148 | 42,892 | 42,846 | 43,026 | 43,009 | 43,369 | 43,298 | 44,794 |
| Employed.....do | 60,055 | 60,079 | 59,569 | 58,872 | 59,204 | 58,595 | 57,947 | 57,149 | 57,139 | 57,329 | 58,330 | 58,660 | 61,296 |
| Female.....do | 17,302 | 17,008 | 16,547 | 16,714 | 16,944 | 16,623 | 16,294 | 15,876 | 16,002 | 16,025 | 16,529 | 16,602 | 17,876 |
| Male.....do | 42,753 | 43,071 | 43,022 | 42,158 | 42,260 | 41,972 | 41,653 | 41,273 | 41,137 | 41,244 | 41,801 | 42,058 | 43,420 |
| Agricultural employment.....do | 10,377 | 10,066 | 8,975 | 8,727 | 8,622 | 7,985 | 6,962 | 7,060 | 6,771 | 6,847 | 7,448 | 7,861 | 9,396 |
| Nonagricultural employment.....do | 49,678 | 50,013 | 50,594 | 50,145 | 50,583 | 50,609 | 50,985 | 50,089 | 50,368 | 50,482 | 50,883 | 50,800 | 51,899 |
| Unemployed.....do | 2,555 | 2,584 | 2,121 | 1,912 | 1,687 | 1,621 | 1,643 | 2,065 | 2,639 | 2,440 | 2,193 | 1,761 | 2,184 |
| Not in labor force.....do | 43,399 | 43,469 | 44,573 | 45,544 | 45,535 | 46,330 | 47,047 | 47,524 | 47,046 | 47,119 | 46,414 | 46,602 | 43,605 |
| Employees in nonagricultural establishments:† | | | | | | | | | | | | | |
| Unadjusted (U. S. Department of Labor): | | | | | | | | | | | | | |
| Total.....thous. | 43,816 | 43,686 | 44,125 | 44,513 | 44,758 | 44,918 | 45,618 | 44,603 | 44,279 | 44,600 | 44,298 | 44,609 | 44,913 |
| Manufacturing.....do | 15,672 | 15,580 | 15,962 | 16,175 | 16,209 | 16,256 | 16,354 | 16,267 | 16,183 | 16,269 | 15,945 | 15,893 | 16,058 |
| Mining.....do | 919 | 890 | 923 | 921 | 922 | 923 | 925 | 922 | 914 | 922 | 920 | 933 | 936 |
| Construction.....do | 1,957 | 2,043 | 2,096 | 2,107 | 2,099 | 2,046 | 1,978 | 1,871 | 1,731 | 1,805 | 1,933 | 2,049 | 2,182 |
| Transportation and public utilities.....do | 4,129 | 4,155 | 4,163 | 4,134 | 4,097 | 4,077 | 4,071 | 4,020 | 4,019 | 4,032 | 3,977 | 4,041 | 4,092 |
| Trade.....do | 9,324 | 9,316 | 9,356 | 9,471 | 9,684 | 9,886 | 10,288 | 9,622 | 9,520 | 9,599 | 9,574 | 9,615 | 9,648 |
| Finance.....do | 1,650 | 1,675 | 1,688 | 1,671 | 1,673 | 1,673 | 1,676 | 1,680 | 1,690 | 1,697 | 1,704 | 1,716 | 1,727 |
| Service.....do | 4,711 | 4,686 | 4,619 | 4,634 | 4,662 | 4,670 | 4,688 | 4,723 | 4,730 | 4,729 | 4,768 | 4,738 | 4,663 |
| Government.....do | 5,454 | 5,341 | 5,318 | 5,403 | 5,414 | 5,387 | 5,638 | 5,498 | 5,492 | 5,546 | 5,577 | 5,624 | 5,607 |
| Adjusted (Federal Reserve): | | | | | | | | | | | | | |
| Total.....do | 43,860 | 43,854 | 43,967 | 44,291 | 44,557 | 44,625 | 44,800 | 45,019 | 44,755 | 44,791 | 44,583 | 44,719 | 44,955 |
| Manufacturing.....do | 15,725 | 15,705 | 15,804 | 16,039 | 16,161 | 16,216 | 16,332 | 16,266 | 16,208 | 16,246 | 16,040 | 16,019 | 16,114 |
| Mining.....do | 916 | 883 | 916 | 918 | 919 | 922 | 926 | 927 | 920 | 930 | 923 | 934 | 933 |
| Construction.....do | 1,900 | 1,927 | 1,959 | 1,969 | 1,999 | 2,006 | 2,018 | 2,056 | 1,945 | 1,941 | 1,972 | 2,029 | 2,118 |
| Transportation and public utilities.....do | 4,080 | 4,097 | 4,102 | 4,12 | | | | | | | | | |

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-----------|---------|----------|----------|---------|----------|----------|----------|----------|----------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| EMPLOYMENT CONDITIONS AND WAGES—Continued | | | | | | | | | | | | | |
| EMPLOYMENT—Continued | | | | | | | | | | | | | |
| Estimated production workers in manufacturing industries, total (U. S. Dept. of Labor)* | 12,672 | 12,562 | 12,928 | 13,125 | 13,143 | 13,176 | 13,263 | 13,150 | 13,066 | * 13,131 | * 12,788 | * 12,723 | * 12,871 |
| Durable goods industries.....do..... | 6,639 | 6,452 | 6,555 | 6,630 | 6,681 | 6,746 | 6,816 | 6,795 | 6,711 | * 6,791 | * 6,680 | * 6,630 | * 6,624 |
| Iron and steel and their products.....do..... | 1,588 | 1,569 | 1,597 | 1,604 | 1,609 | 1,619 | 1,633 | 1,634 | 6,628 | 1,634 | 1,603 | 1,600 | * 1,607 |
| Blast furnaces, steel works, and rolling mills § | 501 | 498 | 503 | 499 | 498 | 498 | 498 | 509 | 509 | 516 | 512 | 518 | 516 |
| Electrical machinery.....do..... | 584 | 567 | 569 | 578 | 588 | 595 | 596 | 588 | 584 | 577 | 563 | 563 | * 546 |
| Machinery, except electrical.....do..... | 1,208 | 1,171 | 1,198 | 1,206 | 1,214 | 1,218 | 1,235 | 1,231 | 1,237 | 1,232 | 1,202 | * 1,207 | * 1,208 |
| Machinery and machine-shop products §.....do..... | 501 | 491 | 495 | 499 | 499 | 497 | 499 | 500 | 503 | 506 | 496 | 490 | 490 |
| Machine tools §.....do..... | 54 | 51 | 53 | 52 | 52 | 51 | 51 | 50 | 50 | 49 | 48 | 48 | 48 |
| Automobiles.....do..... | 758 | 753 | 741 | 767 | 764 | 766 | 785 | 789 | 720 | * 784 | * 772 | * 759 | * 732 |
| Transportation equipment, except automobiles | 472 | 403 | 405 | 414 | 427 | 452 | 463 | 472 | 464 | 465 | 462 | * 438 | * 431 |
| Aircraft and parts (excluding engines) †.....do..... | 134 | 129 | 131 | 130 | 134 | 135 | 135 | 135 | 135 | 136 | 137 | 125 | 125 |
| Aircraft engines.....do..... | 27 | 27 | 27 | 27 | 26 | 26 | 26 | 25 | 25 | 25 | 25 | 25 | 25 |
| Shipbuilding and boatbuilding †.....do..... | 140 | 88 | 87 | 93 | 100 | 118 | 126 | 133 | 128 | 126 | 123 | 116 | 116 |
| Nonferrous metals and products.....do..... | 408 | 393 | 396 | 400 | 404 | 410 | 413 | 409 | 409 | 413 | 406 | * 398 | * 400 |
| Lumber and timber basic products.....do..... | 727 | 721 | 745 | 745 | 751 | 751 | 750 | 738 | 736 | 749 | 751 | * 768 | * 790 |
| Sawmills and logging camps §.....do..... | 535 | 531 | 552 | 550 | 550 | 547 | 544 | 531 | 527 | 537 | 537 | 549 | 549 |
| Furniture and finished lumber products.....do..... | 452 | 445 | 460 | 466 | 475 | 483 | 487 | 489 | 490 | 485 | 470 | 458 | * 454 |
| Furniture §.....do..... | 227 | 224 | 230 | 233 | 239 | 244 | 247 | 249 | 249 | 247 | 240 | 233 | 233 |
| Stone, clay, and glass products.....do..... | 452 | 445 | 460 | 466 | 475 | 483 | 487 | 445 | 443 | 442 | 451 | * 454 | * 456 |
| Nondurable goods industries.....do..... | 6,033 | 6,110 | 6,373 | 6,495 | 6,462 | 6,430 | 6,447 | 6,355 | 6,355 | 6,340 | 6,108 | * 6,093 | * 6,247 |
| Textile-mill products and other fiber manufac- tures.....do..... | 1,208 | 1,187 | 1,202 | 1,223 | 1,249 | 1,271 | 1,290 | 1,292 | 1,306 | 1,312 | 1,301 | 1,293 | * 1,293 |
| Cotton manufacturing, except small wares § | 502 | 493 | 494 | 499 | 508 | 517 | 523 | 524 | 525 | 529 | 526 | 525 | 525 |
| Silk and rayon goods §.....do..... | 102 | 100 | 102 | 103 | 106 | 107 | 108 | 107 | 111 | 112 | 112 | 112 | 112 |
| Woolen and worsted manufactures (except dyeing and finishing) §.....do..... | 163 | 158 | 163 | 169 | 171 | 174 | 177 | 177 | 180 | 178 | 175 | 173 | 173 |
| Apparel and other finished textile products | 993 | 992 | 1,071 | 1,096 | 1,127 | 1,117 | 1,143 | 1,147 | 1,166 | 1,165 | 1,103 | * 1,082 | * 1,082 |
| Men's clothing §.....do..... | 285 | 278 | 295 | 299 | 307 | 309 | 311 | 308 | 311 | 315 | 310 | 310 | 310 |
| Women's clothing §.....do..... | 389 | 400 | 440 | 452 | 462 | 452 | 471 | 476 | 485 | 482 | 440 | 428 | 428 |
| Leather and leather products.....do..... | 370 | 373 | 385 | 390 | 393 | 396 | 400 | 399 | 402 | 396 | 372 | * 360 | * 386 |
| Boots and shoes §.....do..... | 214 | 217 | 223 | 225 | 226 | 228 | 231 | 232 | 233 | 230 | 213 | 204 | 204 |
| Food and kindred products.....do..... | 1,192 | 1,311 | 1,442 | 1,483 | 1,353 | 1,288 | 1,255 | 1,191 | 1,159 | 1,049 | 1,047 | * 1,086 | * 1,211 |
| Baking §.....do..... | 213 | 217 | 218 | 220 | 225 | 225 | 225 | 215 | 217 | 220 | 218 | 218 | 218 |
| Canning and preserving §.....do..... | 155 | 246 | 350 | 384 | 240 | 172 | 149 | 129 | 123 | 122 | 127 | 137 | 137 |
| Slaughtering and meat packing §.....do..... | 176 | 182 | 183 | 182 | 183 | 192 | 204 | 197 | 187 | 181 | 100 | * 116 | 116 |
| Tobacco manufactures.....do..... | 84 | 84 | 85 | 86 | 89 | 90 | 88 | 87 | 88 | 87 | 86 | * 84 | * 84 |
| Paper and allied products.....do..... | 388 | 380 | 387 | 388 | 392 | 394 | 398 | 395 | 392 | 393 | 389 | 389 | * 389 |
| Paper and pulp §.....do..... | 195 | 194 | 197 | 197 | 197 | 198 | 200 | 200 | 200 | 200 | 200 | 201 | 201 |
| Printing, publishing, and allied industries | 431 | 430 | 434 | 437 | 441 | 444 | 445 | 439 | 438 | 435 | 432 | 433 | * 434 |
| Newspapers and periodicals §.....do..... | 142 | 142 | 143 | 144 | 145 | 145 | 146 | 144 | 144 | 145 | 145 | 147 | 147 |
| Printing, book and job §.....do..... | 176 | 176 | 176 | 178 | 181 | 182 | 183 | 182 | 180 | 178 | 175 | 176 | 176 |
| Chemicals and allied products.....do..... | 561 | 562 | 563 | 576 | 586 | 589 | 592 | 588 | 588 | 587 | 580 | 572 | * 572 |
| Chemicals §.....do..... | 199 | 198 | 196 | 195 | 195 | 196 | 198 | 198 | 197 | 196 | 198 | 196 | 196 |
| Products of petroleum and coal.....do..... | 163 | 165 | 166 | 166 | 165 | 165 | 165 | 164 | 163 | 165 | 164 | * 167 | * 169 |
| Petroleum refinings §.....do..... | 110 | 112 | 112 | 111 | 110 | 110 | 110 | 110 | 109 | 111 | 111 | 112 | 112 |
| Rubber products.....do..... | 207 | 200 | 203 | 203 | 208 | 210 | 212 | 210 | 208 | 204 | 198 | 195 | * 195 |
| Rubber tires and inner tubes §.....do..... | 118 | 115 | 117 | 113 | 114 | 115 | 115 | 114 | 112 | 109 | 105 | 103 | 103 |
| Production workers, unadjusted index, all manufac- turing (U. S. Dept. of Labor) †.....1939=100..... | 154.7 | 153.3 | 157.8 | 160.2 | 160.4 | 160.8 | 161.9 | 160.5 | 159.5 | 160.3 | 156.1 | * 155.3 | * 157.1 |
| Durable goods industries.....do..... | 183.9 | 178.7 | 181.5 | 183.6 | 185.0 | 186.8 | 188.8 | 188.2 | 185.8 | 188.1 | * 185.0 | * 183.6 | * 183.4 |
| Iron and steel and their products.....do..... | 160.1 | 158.2 | 161.0 | 161.7 | 162.3 | 163.3 | 164.7 | 164.9 | 164.2 | 164.8 | * 163.3 | * 161.4 | * 162.1 |
| Blast furnaces, steel works, and rolling mills § | 129.0 | 129.5 | 130.9 | 130.0 | 130.0 | 130.2 | 130.4 | 131.0 | 130.9 | 132.9 | 131.8 | 133.3 | 133.3 |
| Electrical machinery.....do..... | 225.5 | 218.9 | 219.6 | 223.0 | 226.9 | 227.7 | 230.2 | 227.0 | 225.4 | 222.9 | 217.4 | * 211.6 | * 210.6 |
| Machinery, except electrical.....do..... | 228.5 | 221.7 | 226.8 | 228.8 | 229.7 | 230.5 | 233.8 | 233.0 | 234.0 | 233.1 | 227.4 | * 228.5 | * 228.6 |
| Machinery and machine-shop products §.....do..... | 241.4 | 236.4 | 238.4 | 240.2 | 242.2 | 239.5 | 240.9 | 240.9 | 242.2 | 240.9 | 238.8 | 235.8 | 235.8 |
| Machine tools §.....do..... | 147.2 | 138.2 | 143.2 | 142.9 | 142.4 | 139.5 | 140.2 | 137.6 | 137.6 | 134.5 | 130.4 | 129.7 | 129.7 |
| Automobiles.....do..... | 188.5 | 187.3 | 184.1 | 190.5 | 190.0 | 190.4 | 195.2 | 190.0 | 178.9 | * 195.0 | * 191.9 | * 188.6 | * 182.1 |
| Transportation equipment, except automobiles | 297.5 | 253.7 | 255.0 | 260.7 | 269.2 | 284.6 | 291.6 | 297.3 | 292.6 | 292.7 | 290.9 | * 276.0 | * 271.6 |
| Aircraft and parts (excluding engines) †.....do..... | 327.4 | 326.0 | 329.3 | 327.0 | 337.4 | 336.2 | 335.8 | 339.5 | 341.1 | 342.9 | 346.0 | 315.3 | 315.3 |
| Aircraft engines.....do..... | 302.5 | 304.1 | 299.9 | 299.2 | 294.8 | 291.0 | 291.0 | 284.0 | 280.1 | 276.9 | 278.4 | 182.4 | 182.4 |
| Shipbuilding and boatbuilding †.....do..... | 202.7 | 171.4 | 172.8 | 134.3 | 144.7 | 189.0 | 181.5 | 191.9 | 184.4 | 151.6 | 176.8 | 167.6 | 167.6 |
| Nonferrous metals and products.....do..... | 178.0 | 171.4 | 172.8 | 174.7 | 176.3 | 178.8 | 178.3 | 178.4 | 178.5 | 180.0 | 176.9 | * 173.7 | * 174.4 |
| Lumber and timber basic products.....do..... | 172.9 | 171.5 | 177.3 | 177.3 | 178.6 | 178.5 | 178.4 | 175.6 | 175.0 | 178.3 | 178.7 | * 182.8 | * 187.8 |
| Sawmills and logging camps §.....do..... | 170.5 | 169.4 | 175.8 | 175.2 | 175.4 | 174.5 | 173.6 | 169.4 | 167.9 | 171.1 | 171.1 | 175.1 | 175.1 |
| Furniture and finished lumber products.....do..... | 137.3 | 135.7 | 140.1 | 141.9 | 144.8 | 147.1 | 148.3 | 149.1 | 149.2 | 147.8 | 143.4 | * 139.7 | * 138.3 |
| Furniture §.....do..... | 127.6 | 125.9 | 129.4 | 131.0 | 134.1 | 136.9 | 138.7 | 139.8 | 140.2 | 138.8 | 134.7 | 131.1 | 131.1 |
| Stone, clay, and glass products.....do..... | 150.4 | 146.5 | 151.2 | 152.3 | 152.8 | 154.0 | 154.7 | 151.6 | 150.9 | 153.9 | 153.7 | * 154.7 | * 155.3 |
| Nondurable goods industries.....do..... | 131.7 | 133.4 | 139.1 | 141.8 | 141.1 | 140.4 | 140.7 | 138.7 | 138.7 | 138.4 | 133.3 | * 133.0 | * 136.4 |
| Textile-mill products and other fiber manufac- tures.....do..... | 105.6 | 103.8 | 105.1 | 106.9 | 109.2 | 111.1 | 112.7 | 113.0 | 114.2 | 114.7 | 113.7 | * 113.0 | * 113.1 |
| Cotton manufactures, except small wares § | 119.9 | 117.7 | 118.1 | 119.3 | 121.5 | 123.6 | 125.1 | 125.2 | 125.6 | 126.6 | 125.8 | 125.4 | 125.4 |
| Silk and rayon goods §.....do..... | 80.3 | 79.0 | 80.2 | 81.6 | 83.5 | 84.4 | 85.5 | 84.9 | 87.6 | 88.1 | 88.2 | 88.3 | 88.3 |
| Woolen and worsted manufactures (except dyeing and finishing) §.....do..... | 103.3 | 100.3 | 103.3 | 107.0 | 108.4 | 110.5 | 112.4 | 112.5 | 113.9 | 113.1 | 111.0 | 109.9 | 109.9 |
| Apparel and other finished textile products | 125.7 | 125.7 | 135.6 | 138.9 | 142.7 | 141.5 | 144.8 | 145.3 | 147.7 | 147.5 | 139.8 | * 137.1 | * 137.2 |
| Men's clothing §.....do..... | 123.9 | 121.1 | 128.3 | 130.4 | 133.6 | 134.7 | 135.2 | 134.2 | 135.5 | 137.0 | 135.0 | 134.9 | 134.9 |
| Women's clothing §.....do..... | 135.9 | 139.8 | 153.9 | 158.0 | 161.5 | 158.0 | 164.4 | 166.4 | 169.5 | 168.3 | 153.7 | 149.4 | 149.4 |
| Leather and leather products.....do..... | 106.6 | 107.5 | 111.1 | 112.2 | 113.2 | 114.1 | 115.3 | 114.9 | 115.8 | 114.1 | 107.1 | * 103.7 | * 110.8 |
| Boots and shoes §.....do..... | 92.9 | 93.9 | 96.7 | 97.5 | 97.8 | 98.5 | 100.2 | 100.4 | 101.0 | 99.4 | 92.2 | 88.5 | 88.5 |
| Food and kindred products.....do..... | 139.5 | 153.4 | 168.8 | 173.6 | 158.3 | 150.7 | 146.9 | 139.3 | 135.6 | 134.5 | 122.6 | * 127.1 | * 141.7 |
| Baking §.....do..... | 112.0 | 113.7 | 114.5 | 115.5 | 117.9 | 118.1 | 116.0 | 113.1 | 114.4 | 115.4 | 114.3 | 115.4 | 115.4 |
| Canning and preserving §.....do..... | 103.3 | 103.8 | 232.7 | 255.7 | 159.8 | 114.4 | 99.1 | 85.5 | 82.1 | 81.2 | 84.3 | 81.0 | 81.0 |
| Slaughtering and meat packing §.....do..... | 130.6 | | | | | | | | | | | | |

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|---------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| EMPLOYMENT CONDITIONS AND WAGES—Continued | | | | | | | | | | | | | |
| EMPLOYMENT—Continued | | | | | | | | | | | | | |
| Production workers, index, unadjusted†—Con. | | | | | | | | | | | | | |
| Nondurable goods industries—Continued | | | | | | | | | | | | | |
| Tobacco manufactures.....1939=100.. | 90.2 | 89.8 | 91.6 | 92.3 | 95.1 | 96.5 | 94.4 | 93.6 | 93.9 | 93.4 | * 92.4 | * 90.5 | † 89.5 |
| Paper and allied products.....do..... | 146.1 | 143.3 | 145.7 | 146.2 | 147.8 | 148.6 | 149.9 | 148.7 | 147.8 | 148.0 | † 146.8 | † 146.4 | † 146.6 |
| Paper and pulp§.....do..... | 141.3 | 140.9 | 142.7 | 142.9 | 142.9 | 143.4 | 144.8 | 145.0 | 144.9 | 145.5 | † 145.3 | † 146.0 | † 146.0 |
| Printing, publishing and allied industries.....do..... | 131.5 | 131.2 | 132.3 | 133.2 | 134.6 | 135.4 | 134.0 | 134.0 | 133.5 | 132.8 | † 132.2 | † 132.2 | † 132.4 |
| Newspapers and periodicals§.....do..... | 119.7 | 119.8 | 120.5 | 121.7 | 121.8 | 122.2 | 122.7 | 121.0 | 121.4 | 122.0 | † 122.5 | † 123.5 | † 123.5 |
| Printing, book and job§.....do..... | 137.8 | 138.2 | 137.7 | 139.1 | 141.6 | 142.6 | 143.7 | 142.3 | 140.8 | 139.1 | † 137.4 | † 138.1 | † 138.1 |
| Chemicals and allied products.....do..... | 194.6 | 195.0 | 195.3 | 199.9 | 203.2 | 204.5 | 205.4 | 204.1 | 204.2 | 203.6 | † 201.4 | † 198.4 | † 198.3 |
| Chemicals§.....do..... | 284.3 | 282.8 | 280.8 | 279.0 | 278.9 | 280.9 | 283.3 | 282.8 | 281.0 | 280.8 | † 285.2 | † 279.8 | † 279.8 |
| Products of petroleum and coal.....do..... | 153.5 | 156.2 | 157.0 | 156.4 | 155.8 | 156.1 | 155.5 | 155.0 | 153.9 | 155.4 | † 157.3 | † 157.3 | † 159.4 |
| Petroleum refining§.....do..... | 150.1 | 152.6 | 152.8 | 151.4 | 149.8 | 149.8 | 150.1 | 149.9 | 149.5 | 151.3 | † 151.5 | † 152.8 | † 152.8 |
| Rubber products.....do..... | 170.9 | 165.1 | 167.9 | 168.1 | 171.7 | 174.0 | 175.3 | 173.5 | 172.0 | 168.9 | † 163.8 | † 160.8 | † 161.3 |
| Rubber tires and inner tubes§.....do..... | 217.0 | 212.3 | 214.9 | 207.5 | 211.0 | 212.2 | 211.7 | 209.2 | 205.8 | 200.7 | † 192.9 | † 190.4 | † 190.4 |
| Production workers, adjusted index, all manufacturing (Federal Reserve)†.....1939=100.. | 155.2 | 154.5 | 156.3 | 158.9 | 160.0 | 160.4 | 161.1 | 161.2 | 159.8 | 160.1 | * 157.0 | * 156.5 | † 157.7 |
| Durable goods industries†.....do..... | 183.4 | 178.8 | 180.7 | 183.2 | 184.8 | 186.8 | 188.6 | 188.7 | 186.4 | 188.4 | * 185.4 | * 183.8 | † 182.9 |
| Nondurable goods industries†.....do..... | 133.0 | 135.4 | 137.1 | 139.7 | 140.4 | 139.7 | 139.3 | 139.4 | 138.7 | 137.7 | † 134.7 | † 135.0 | † 137.7 |
| Nonmanufacturing, unadjusted (U. S. Dept. of Labor): | | | | | | | | | | | | | |
| Mining:† | | | | | | | | | | | | | |
| Anthracite.....1939=100.. | 90.5 | 88.7 | 91.7 | 91.0 | 91.2 | 91.2 | 91.5 | 91.1 | 91.6 | 92.6 | † 91.9 | † 91.4 | † 91.4 |
| Bituminous coal.....do..... | 105.4 | 97.5 | 105.0 | 106.0 | 106.8 | 107.4 | 108.3 | 108.7 | 106.8 | * 108.0 | * 79.5 | † 108.2 | † 108.2 |
| Metalliferous.....do..... | 99.3 | 97.8 | 98.3 | 96.8 | 95.8 | 96.5 | 97.0 | 98.9 | 97.4 | * 98.7 | * 98.9 | † 98.2 | † 98.2 |
| Quarrying and nonmetallic.....do..... | 129.0 | 129.4 | 129.8 | 128.7 | 127.6 | 126.2 | 122.6 | 116.7 | 113.7 | 118.2 | † 124.0 | † 125.6 | † 125.6 |
| Crude petroleum and natural gas.....do..... | 112.3 | 114.3 | 114.5 | 112.5 | 111.1 | 110.5 | 110.4 | 110.5 | 111.1 | 111.1 | † 112.0 | † 113.3 | † 113.3 |
| Public utilities:† | | | | | | | | | | | | | |
| Electric light and power.....do..... | 107.5 | 109.3 | 110.2 | 109.9 | 109.4 | 109.7 | 110.3 | 109.8 | 110.3 | 110.9 | † 111.7 | † 112.3 | † 112.3 |
| Street railways and busses.....do..... | 130.4 | 130.9 | 130.7 | 129.6 | 128.8 | 128.7 | 128.6 | 129.2 | 128.6 | * 128.7 | * 128.3 | † 128.5 | † 128.5 |
| Telegraph.....do..... | 102.3 | 101.5 | 100.5 | 99.8 | 98.1 | 97.2 | 97.6 | 97.2 | 97.8 | 98.2 | † 97.9 | † 96.3 | † 96.3 |
| Telephone.....do..... | 190.4 | 193.3 | 193.8 | 192.9 | 191.6 | 193.3 | 195.0 | 195.0 | 196.2 | 197.4 | † 198.5 | † 198.6 | † 198.6 |
| Services:† | | | | | | | | | | | | | |
| Dyeing and cleaning.....do..... | 173.3 | 167.9 | 160.1 | 162.1 | 164.4 | 159.4 | 156.5 | 152.8 | 149.3 | 154.8 | † 159.0 | † 160.6 | † 160.6 |
| Power laundries.....do..... | 127.2 | 127.8 | 125.0 | 124.3 | 123.1 | 121.3 | 120.9 | 120.1 | 117.6 | 117.7 | † 118.3 | † 119.0 | † 119.0 |
| Year-round hotels.....do..... | 119.4 | 118.3 | 117.6 | 117.4 | 117.7 | 117.1 | 118.1 | 117.2 | 116.8 | 116.4 | † 116.9 | † 117.0 | † 117.0 |
| Trade: | | | | | | | | | | | | | |
| Retail, total†.....do..... | 111.4 | 110.2 | 110.0 | 112.4 | 115.8 | 119.8 | 130.2 | 114.4 | 111.8 | * 113.8 | † 112.8 | † 113.1 | † 113.1 |
| Food*.....do..... | 113.7 | 113.0 | 114.7 | 112.6 | 115.0 | 116.1 | 117.4 | 114.4 | 113.9 | 116.7 | † 116.1 | † 116.3 | † 116.3 |
| General merchandising†.....do..... | 120.6 | 116.7 | 115.7 | 122.8 | 131.3 | 143.6 | 175.5 | 129.4 | 122.9 | 124.5 | † 123.6 | † 123.7 | † 123.7 |
| Wholesale†.....do..... | 110.6 | 111.1 | 112.2 | 113.3 | 115.5 | 116.5 | 117.1 | 116.3 | 116.1 | 115.3 | † 114.8 | † 114.4 | † 114.4 |
| Miscellaneous employment data: | | | | | | | | | | | | | |
| Federal and State highways, total.....number.. | 266,966 | 285,865 | 295,234 | 282,762 | 271,998 | 246,777 | 218,587 | 198,488 | 190,678 | 202,090 | 233,105 | 264,290 | 264,290 |
| Construction (Federal and State).....do..... | 107,192 | 116,116 | 125,999 | 120,546 | 115,565 | 91,065 | 65,336 | 47,734 | 41,184 | 50,461 | 78,726 | 105,547 | 105,547 |
| Maintenance (State).....do..... | 116,465 | 123,877 | 123,976 | 117,605 | 113,058 | 112,332 | 110,644 | 108,224 | 106,305 | 108,045 | 109,522 | 112,631 | 112,631 |
| Federal civilian employees:† | | | | | | | | | | | | | |
| United States.....thousands.. | 1,850 | 1,817 | 1,784 | 1,767 | 1,774 | 1,773 | 1,766 | 1,769 | 1,781 | 1,794 | 1,811 | 1,826 | † 1,855 |
| District of Columbia.....do..... | 205 | 198 | 196 | 195 | 195 | 195 | 196 | 198 | 200 | 201 | 202 | 203 | † 206 |
| Railway employees (class I steam railways): | | | | | | | | | | | | | |
| Total.....thousands.. | 1,405 | 1,413 | 1,411 | 1,393 | 1,387 | 1,370 | 1,363 | 1,348 | 1,340 | 1,346 | 1,287 | † 1,350 | † 1,381 |
| Indexes: Unadjusted†.....1935-39=100.. | 134.8 | 135.5 | 135.3 | 133.6 | 132.9 | 131.3 | 130.4 | 129.1 | 128.5 | 128.0 | † 123.2 | † 129.4 | † 132.4 |
| Adjusted†.....do..... | 132.9 | 132.7 | 132.5 | 130.4 | 128.6 | 130.2 | 132.5 | 134.2 | 131.7 | 132.3 | † 125.2 | † 129.9 | † 130.6 |
| PAY ROLLS | | | | | | | | | | | | | |
| Production-workers pay rolls, unadjusted index, all manufacturing (U. S. Dept. of Labor)† | | | | | | | | | | | | | |
| Durable goods industries.....1939=100.. | 327.2 | 321.8 | 331.5 | 345.3 | 350.1 | 353.4 | 365.7 | 358.7 | 354.1 | * 358.4 | * 346.7 | 345.9 | 345.9 |
| Iron and steel and their products.....do..... | 375.5 | 359.4 | 366.8 | 382.2 | 389.9 | 395.0 | 411.0 | 403.1 | 393.1 | * 402.0 | * 392.7 | 389.5 | 389.5 |
| Blast furnaces, steel works, and rolling mills.....1939=100.. | 319.2 | 307.2 | 316.8 | 327.7 | 331.6 | 335.1 | 345.8 | 341.9 | 337.6 | 340.8 | * 334.6 | 334.4 | 334.4 |
| Electrical machinery.....do..... | 249.1 | 237.6 | 254.2 | 254.5 | 251.9 | 255.1 | 257.8 | 261.2 | 257.5 | 260.9 | 253.0 | 265.4 | 265.4 |
| Machinery, except electrical.....do..... | 440.5 | 430.0 | 428.1 | 450.5 | 464.6 | 471.9 | 481.2 | 471.0 | 465.1 | 459.1 | 444.3 | 431.6 | 431.6 |
| Machinery and machine-shop products§.....do..... | 442.0 | 427.4 | 434.5 | 451.4 | 458.0 | 459.6 | 479.9 | 473.8 | 471.9 | 475.2 | 463.8 | 466.4 | 466.4 |
| Machine tools§.....do..... | 470.6 | 458.2 | 462.1 | 477.9 | 480.0 | 481.5 | 500.7 | 494.9 | 495.5 | 496.4 | 493.6 | 491.0 | 491.0 |
| Automobiles§.....do..... | 264.8 | 242.3 | 253.6 | 257.4 | 257.5 | 253.8 | 262.2 | 250.1 | 254.4 | 249.2 | 240.2 | 240.7 | 240.7 |
| Transportation equipment, except automobiles.....1939=100.. | 363.6 | 355.3 | 345.1 | 380.6 | 385.8 | 395.6 | 427.7 | 408.7 | 397.6 | * 396.5 | 386.2 | 357.6 | 357.6 |
| Aircraft and parts, excluding engines§.....do..... | 571.1 | 492.5 | 492.4 | 509.8 | 541.5 | 555.1 | 600.2 | 611.2 | 593.3 | 600.4 | 601.4 | 566.4 | 566.4 |
| Aircraft engines.....do..... | 621.5 | 622.4 | 637.6 | 623.3 | 663.8 | 653.8 | 668.7 | 657.4 | 657.3 | 675.9 | 695.2 | 634.2 | 634.2 |
| Shipbuilding and boatbuilding§.....do..... | 481.5 | 485.1 | 486.7 | 501.3 | 496.9 | 479.2 | 503.5 | 482.9 | 469.4 | 473.9 | 481.0 | 463.7 | 463.7 |
| Nonferrous metals and their products.....do..... | 394.3 | 243.1 | 241.8 | 262.0 | 289.9 | 316.6 | 378.9 | 416.7 | 385.4 | 383.7 | 373.6 | 345.7 | 345.7 |
| Lumber and timber basic products.....do..... | 352.0 | 332.1 | 335.3 | 349.5 | 359.3 | 367.3 | 377.8 | 372.7 | 372.9 | 377.1 | 368.3 | 363.4 | 363.4 |
| Sawmills and logging camps§.....do..... | 409.8 | 394.2 | 429.7 | 427.4 | 427.2 | 429.1 | 431.8 | 413.5 | 417.2 | 427.6 | 425.2 | 452.6 | 452.6 |
| Furniture and finished lumber products.....do..... | 412.2 | 397.4 | 435.3 | 430.5 | 425.2 | 425.3 | 422.0 | 400.3 | 401.1 | 412.4 | 405.2 | 435.5 | 435.5 |
| Furniture§.....do..... | 308.0 | 298.6 | 311.6 | 324.3 | 338.8 | 343.0 | 355.7 | 352.2 | 350.2 | 349.2 | 333.0 | 325.6 | 325.6 |
| Stone, clay, and glass products.....do..... | 284.7 | 274.4 | 284.7 | 297.9 | 315.0 | 323.2 | 334.3 | 333.4 | 333.6 | 330.9 | 314.6 | 307.2 | 307.2 |
| Nondurable goods industries.....do..... | 311.5 | 298.8 | 315.5 | 320.2 | 328.2 | 331.2 | 335.7 | 322.9 | 321.4 | 336.6 | 337.9 | 343.4 | 343.4 |
| Textile-mill products and other fiber manufactures.....1939=100.. | 280.0 | 285.1 | 297.0 | 309.0 | 311.2 | 312.8 | 321.4 | 315.3 | 316.0 | 315.7 | 301.8 | 303.2 | 303.2 |
| Cotton manufactures, exc. small wares§.....do..... | 248.6 | 243.7 | 246.2 | 262.9 | 271.8 | 288.2 | 302.0 | 303.0 | 310.6 | 315.6 | 307.1 | 303.8 | 303.8 |
| Silk and rayon goods§.....do..... | 307.5 | 302.6 | 305.7 | 317.4 | 329.1 | 362.1 | 376.4 | 378.7 | 377.0 | 385.1 | 374.7 | 369.7 | 369.7 |
| Woolen and worsted manufactures, except dyeing and finishing§.....1939=100.. | 206.0 | 203.0 | 208.5 | 220.2 | 227.6 | 236.6 | 248.1 | 252.6 | 262.4 | 267.8 | 267.4 | 268.6 | 268.6 |
| Apparel and other finished textile products.....1939=100.. | 252.5 | 243.0 | 233.6 | 268.5 | 270.4 | 276.6 | 294.4 | 292.0 | 321.1 | 322.1 | 308.6 | 307.9 | 307.9 |
| Men's clothing§.....do..... | 262.3 | 266.2 | 288.4 | 303.8 | 320.5 | 304.8 | 327.3 | 337.0 | 345.2 | 343.2 | 306.5 | 297.9 | 297.9 |
| Women's clothing§.....do..... | 273.0 | 260.0 | 264.8 | 284.9 | 303.5 | 301.5 | 309.5 | 313.4 | 316.4 | 324.8 | 317.1 | 311.5 | 311.5 |
| Leather and leather products.....do..... | 264.1 | 283.1 | 323.1 | 334.7 | 349.5 | 319.3 | 355.9 | 374.8 | 387.1 | 376.4 | 307.1 | 299.3 | 299.3 |
| Boots and shoes§.....do..... | 225.9 | 229.0 | 235.8 | 248.1 | 251.5 | 252.5 | 259.6 | 258.7 | 262.5 | 251.7 | 227.1 | 216.5 | 216.5 |
| Food and kindred products.....do..... | 201.7 | 204.8 | 209.9 | 221.5 | 223.8 | 223.5 | 231.9 | 233.8 | 235.9 | 225.6 | 198.1 | 183.7 | 183.7 |
| Baking§.....do..... | 286.7 | 317.1 | 349.3 | 356.1 | 332.8 | 323.5 | 321.9 | 296.6 | 288.5 | 285.8 | 266.5 | 278.4 | 278.4 |
| Canning and preserving§.....do..... | 213.1 | 218.0 | 218.4 | 223.2 | 230.8 | 227.8 | 229.2 | 221.5 | 234.1 | 227.1 | 227.6 | 235.1 | 235.1 |
| Slaughtering and meat packing§.....do..... | 249.3 | 401.8 | 653.7 | 683.8 | 437.9 | 265.7 | 250.2 | 216.2 | 218.5 | 204.6 | 216.9 | 232.7 | 232.7 |
| | 259.9 | 280.9 | 270.0 | 271.9 | 271.7 | 317.4 | 338.9 | 304 | | | | | |

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|-------|-------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-------|-------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| EMPLOYMENT CONDITIONS AND WAGES—Continued | | | | | | | | | | | | | |
| PAY ROLLS—Continued | | | | | | | | | | | | | |
| Production-workers pay rolls, mfg., unadj.†—Con. | | | | | | | | | | | | | |
| Nondurable goods industries—Continued | | | | | | | | | | | | | |
| Tobacco manufactures.....1939=100.. | 194.8 | 200.0 | 203.0 | 205.3 | 214.0 | 216.3 | 219.8 | 210.5 | 195.7 | 204.6 | 205.7 | 201.3 | ----- |
| Paper and allied products.....do..... | 303.4 | 304.2 | 307.2 | 315.5 | 320.5 | 325.9 | 334.0 | 328.0 | 328.9 | 330.8 | 325.7 | 331.9 | ----- |
| Paper and pulp.....do..... | 302.1 | 309.6 | 312.3 | 317.1 | 317.3 | 319.9 | 327.3 | 325.0 | 328.3 | 330.0 | 327.7 | 338.9 | ----- |
| Printing, publishing, and allied industries | | | | | | | | | | | | | |
|1939=100.. | 240.3 | 238.0 | 240.0 | 249.7 | 252.0 | 257.2 | 263.1 | 255.3 | 254.7 | 258.5 | 259.5 | 262.6 | ----- |
| Newspapers and periodicals.....do..... | 210.0 | 208.9 | 214.0 | 221.6 | 221.6 | 224.0 | 230.0 | 218.9 | 224.6 | 229.2 | 235.0 | 236.6 | ----- |
| Printing, book and job.....do..... | 258.1 | 258.9 | 254.8 | 266.6 | 272.8 | 279.3 | 285.3 | 283.4 | 278.6 | 280.0 | 278.6 | 283.9 | ----- |
| Chemicals and allied products.....do..... | 384.1 | 387.7 | 390.2 | 403.1 | 409.6 | 416.4 | 424.1 | 426.7 | 425.6 | 425.1 | 422.1 | 422.5 | ----- |
| Chemicals.....do..... | 528.2 | 533.7 | 527.0 | 527.3 | 529.8 | 540.8 | 555.8 | 561.3 | 559.2 | 558.6 | 564.8 | 563.2 | ----- |
| Products of petroleum and coal.....do..... | 291.4 | 300.5 | 302.1 | 307.5 | 301.8 | 309.5 | 313.3 | 318.1 | 315.4 | 320.0 | 316.7 | 334.2 | ----- |
| Petroleum refining.....do..... | 273.4 | 286.1 | 282.8 | 287.6 | 279.7 | 288.9 | 293.4 | 296.8 | 295.0 | 299.3 | 301.3 | 316.1 | ----- |
| Rubber products.....do..... | 342.3 | 331.2 | 337.6 | 348.3 | 354.4 | 361.4 | 373.6 | 354.9 | 337.2 | 320.6 | 312.8 | 320.9 | ----- |
| Rubber tires and inner tubes.....do..... | 396.1 | 389.5 | 396.0 | 397.9 | 398.0 | 407.5 | 412.1 | 388.4 | 355.9 | 330.2 | 323.6 | 345.5 | ----- |
| Nonmanufacturing, unadjusted (U. S. Dept. of Labor): | | | | | | | | | | | | | |
| Mining:† | | | | | | | | | | | | | |
| Anthracite.....1939=100.. | 219.4 | 200.3 | 244.0 | 237.9 | 252.7 | 224.4 | 239.4 | 242.4 | 232.8 | 255.9 | 195.4 | 246.2 | ----- |
| Bituminous coal.....do..... | 300.6 | 229.7 | 314.7 | 321.6 | 327.5 | 327.4 | 345.8 | 350.5 | 320.0 | 342.0 | 166.4 | 341.4 | ----- |
| Metalliferous.....do..... | 196.7 | 186.1 | 193.3 | 193.6 | 192.7 | 194.8 | 198.8 | 198.9 | 201.7 | 201.3 | 200.9 | 204.0 | ----- |
| Quarrying and nonmetallic.....do..... | 307.1 | 307.0 | 317.2 | 315.9 | 319.2 | 305.7 | 295.3 | 270.0 | 262.0 | 287.3 | 311.7 | 329.7 | ----- |
| Crude petroleum and natural gas.....do..... | 206.0 | 204.9 | 204.0 | 206.5 | 199.9 | 211.0 | 203.2 | 215.5 | 219.9 | 213.2 | 218.4 | 228.7 | ----- |
| Public utilities:† | | | | | | | | | | | | | |
| Electric light and power.....do..... | 177.5 | 178.4 | 182.9 | 183.1 | 182.8 | 187.6 | 185.7 | 187.9 | 188.2 | 184.4 | 188.6 | 191.6 | ----- |
| Street railways and busses.....do..... | 222.1 | 222.1 | 225.2 | 224.1 | 223.2 | 223.6 | 226.7 | 230.1 | 234.7 | 232.6 | 227.1 | 228.1 | ----- |
| Telegraph.....do..... | 218.8 | 215.2 | 213.5 | 211.8 | 208.1 | 206.8 | 207.8 | 209.5 | 212.6 | 213.0 | 224.8 | 231.1 | ----- |
| Telephone.....do..... | 292.5 | 302.2 | 306.2 | 312.3 | 314.2 | 321.5 | 313.0 | 315.8 | 316.3 | 314.7 | 322.5 | 330.5 | ----- |
| Services:† | | | | | | | | | | | | | |
| Dyeing and cleaning.....do..... | 328.4 | 310.5 | 285.0 | 301.7 | 303.8 | 293.7 | 292.8 | 285.6 | 271.9 | 291.2 | 308.0 | 312.4 | ----- |
| Power laundries.....do..... | 239.3 | 238.5 | 231.3 | 236.2 | 232.3 | 226.8 | 233.6 | 232.9 | 225.4 | 227.5 | 231.5 | 232.3 | ----- |
| Year-round hotels.....do..... | 226.4 | 222.0 | 221.0 | 222.4 | 226.9 | 228.6 | 233.2 | 230.4 | 233.2 | 229.0 | 233.4 | 234.6 | ----- |
| Trade: | | | | | | | | | | | | | |
| Retail, total.....do..... | 201.6 | 198.5 | 197.6 | 202.5 | 207.1 | 216.5 | 237.6 | 209.4 | 208.4 | 210.4 | 211.1 | 213.8 | ----- |
| Food*.....do..... | 212.1 | 213.8 | 212.2 | 209.2 | 213.8 | 220.0 | 221.5 | 219.4 | 221.5 | 226.1 | 225.5 | 227.0 | ----- |
| General merchandising†.....do..... | 218.9 | 214.1 | 212.0 | 220.4 | 224.5 | 251.1 | 314.0 | 233.0 | 221.4 | 225.5 | 225.5 | 229.2 | ----- |
| Wholesale†.....do..... | 198.0 | 196.5 | 198.2 | 203.3 | 206.9 | 213.6 | 213.9 | 211.7 | 214.9 | 210.8 | 210.8 | 211.6 | ----- |
| LABOR CONDITIONS | | | | | | | | | | | | | |
| Average weekly hours per worker (U. S. Dept. of Labor): | | | | | | | | | | | | | |
| All manufacturing†.....hours..... | 40.2 | 39.8 | 39.8 | 40.4 | 40.6 | 40.4 | 41.2 | 40.5 | 40.2 | 40.4 | 40.0 | 39.8 | 40.0 |
| Durable goods industries*.....do..... | 40.7 | 40.0 | 40.0 | 40.6 | 40.9 | 40.7 | 41.7 | 40.9 | 40.5 | 40.9 | 40.5 | 40.1 | 40.4 |
| Iron and steel and their products*.....do..... | 40.5 | 39.3 | 39.6 | 40.3 | 40.5 | 40.5 | 41.2 | 40.6 | 40.4 | 40.6 | 39.9 | 40.3 | ----- |
| Blast furnaces, steel works, and rolling mills*.....hours..... | 39.5 | 37.4 | 39.2 | 39.0 | 39.0 | 39.4 | 39.5 | 39.5 | 39.4 | 39.4 | 38.6 | 39.9 | ----- |
| Electrical machinery*.....do..... | 39.8 | 39.8 | 39.2 | 40.4 | 40.6 | 40.6 | 41.1 | 40.5 | 40.4 | 40.3 | 39.9 | 39.6 | ----- |
| Machinery, except electrical*.....do..... | 41.3 | 40.9 | 40.5 | 41.1 | 41.3 | 41.2 | 42.2 | 41.8 | 41.4 | 41.6 | 41.5 | 41.1 | ----- |
| Machinery and machine-shop products*.....hours..... | 41.5 | 40.8 | 40.9 | 41.3 | 41.3 | 41.4 | 42.7 | 42.0 | 41.8 | 41.8 | 41.7 | 41.7 | ----- |
| Machine tools*.....do..... | 42.2 | 41.6 | 41.4 | 41.8 | 42.1 | 41.9 | 43.1 | 42.0 | 42.3 | 42.3 | 42.0 | 42.1 | ----- |
| Automobiles*.....do..... | 38.7 | 37.7 | 37.2 | 39.2 | 39.5 | 39.8 | 41.4 | 39.6 | 38.1 | 38.9 | 38.6 | 34.8 | ----- |
| Transportation equipment, except automobiles*.....hours..... | 40.1 | 40.1 | 39.6 | 39.7 | 40.4 | 38.6 | 40.8 | 40.3 | 39.6 | 40.3 | 40.5 | 40.0 | ----- |
| Aircraft and parts (excluding engines)*.....hours..... | 39.2 | 39.7 | 40.0 | 39.3 | 40.2 | 39.3 | 40.6 | 39.4 | 39.9 | 40.1 | 40.6 | 40.4 | ----- |
| Aircraft engines*.....do..... | 38.8 | 39.2 | 39.2 | 40.0 | 40.5 | 39.4 | 41.2 | 40.6 | 40.1 | 40.6 | 40.5 | 40.9 | ----- |
| Shipbuilding and boatbuilding*.....do..... | 40.7 | 39.9 | 39.3 | 39.5 | 39.8 | 36.1 | 40.5 | 40.9 | 38.9 | 40.3 | 40.2 | 39.4 | ----- |
| Nonferrous metals and their products*.....do..... | 40.5 | 39.9 | 39.5 | 40.2 | 40.8 | 41.1 | 41.8 | 41.2 | 41.2 | 41.1 | 40.9 | 40.7 | ----- |
| Lumber and timber basic products*.....do..... | 42.8 | 42.2 | 43.3 | 42.8 | 42.6 | 42.2 | 43.2 | 42.4 | 41.7 | 42.3 | 41.6 | 42.0 | ----- |
| Sawmills and logging camps*.....do..... | 42.5 | 42.1 | 43.1 | 42.5 | 42.2 | 41.9 | 42.8 | 42.0 | 41.1 | 42.0 | 40.9 | 41.5 | ----- |
| Furniture and finished lumber products*.....hours..... | 41.7 | 41.1 | 41.2 | 41.5 | 42.1 | 41.8 | 42.7 | 41.9 | 41.4 | 41.8 | 41.0 | 41.0 | ----- |
| Furniture*.....do..... | 41.6 | 40.9 | 41.0 | 41.4 | 42.3 | 42.3 | 42.9 | 42.2 | 41.9 | 42.1 | 41.1 | 41.1 | ----- |
| Stone, clay, and glass products*.....do..... | 40.8 | 40.1 | 40.6 | 40.4 | 40.8 | 40.5 | 41.0 | 40.0 | 39.9 | 40.8 | 40.7 | 40.6 | ----- |
| Nondurable goods industries*.....do..... | 39.8 | 39.7 | 39.5 | 40.2 | 40.2 | 40.1 | 40.8 | 40.0 | 39.9 | 39.9 | 39.6 | 39.5 | 39.7 |
| Textile-mill products and other fiber manufactures*.....hours..... | 38.6 | 38.4 | 38.2 | 39.5 | 39.7 | 40.1 | 41.0 | 40.5 | 40.2 | 40.6 | 39.9 | 39.6 | ----- |
| Cotton manufactures, except small wares*.....hours..... | 38.3 | 38.3 | 38.4 | 39.2 | 39.6 | 40.4 | 41.1 | 40.7 | 40.1 | 40.7 | 40.1 | 39.6 | ----- |
| Silk and rayon goods*.....do..... | 40.3 | 40.3 | 40.0 | 40.9 | 41.0 | 41.2 | 42.3 | 41.9 | 41.8 | 42.2 | 41.8 | 41.8 | ----- |
| Woolen and worsted manufactures, except dyeing and finishing*.....hours..... | 39.4 | 39.1 | 36.6 | 40.2 | 39.7 | 39.6 | 41.2 | 40.8 | 40.8 | 40.7 | 39.9 | 40.1 | ----- |
| Apparel and other finished textile products*.....hours..... | 36.0 | 35.8 | 35.2 | 36.0 | 36.9 | 36.4 | 37.1 | 36.6 | 36.7 | 36.7 | 36.2 | 35.8 | ----- |
| Men's clothing*.....do..... | 37.2 | 36.5 | 35.1 | 36.8 | 37.9 | 37.5 | 37.7 | 37.1 | 37.1 | 37.4 | 37.3 | 36.8 | ----- |
| Women's clothing*.....do..... | 35.0 | 34.8 | 34.6 | 35.0 | 35.8 | 35.3 | 36.2 | 36.0 | 36.1 | 36.1 | 35.1 | 35.1 | ----- |
| Leather and leather products*.....do..... | 38.1 | 38.2 | 38.1 | 39.1 | 39.0 | 38.3 | 39.1 | 39.0 | 39.0 | 39.1 | 37.8 | 36.2 | ----- |
| Boots and shoes*.....do..... | 37.7 | 37.8 | 37.7 | 38.8 | 38.7 | 37.8 | 38.7 | 38.8 | 38.8 | 37.5 | 35.3 | 34.2 | ----- |
| Food and kindred products*.....do..... | 43.2 | 43.2 | 43.4 | 43.4 | 42.8 | 42.5 | 43.3 | 42.0 | 41.7 | 41.6 | 42.3 | 42.2 | ----- |
| Baking*.....do..... | 42.6 | 42.7 | 41.9 | 41.9 | 41.9 | 41.6 | 42.3 | 41.6 | 43.6 | 41.9 | 42.1 | 42.7 | ----- |
| Canning and preserving*.....do..... | 37.8 | 39.9 | 42.6 | 42.8 | 40.9 | 35.9 | 37.7 | 37.3 | 38.4 | 36.5 | 36.9 | 36.7 | ----- |
| Slaughtering and meat packing*.....do..... | 44.5 | 44.5 | 43.0 | 43.4 | 43.2 | 46.9 | 47.7 | 44.8 | 40.7 | 43.6 | 48.1 | 46.7 | ----- |
| Tobacco manufactures*.....do..... | 38.2 | 39.6 | 39.2 | 39.2 | 39.7 | 39.4 | 39.9 | 38.6 | 36.2 | 37.7 | 38.2 | 37.7 | ----- |
| Paper and allied products*.....do..... | 42.9 | 42.9 | 42.4 | 42.9 | 43.0 | 43.2 | 43.8 | 43.1 | 43.1 | 43.1 | 42.7 | 42.8 | ----- |
| Paper and pulp*.....do..... | 44.5 | 44.5 | 44.1 | 44.5 | 44.4 | 44.4 | 44.9 | 44.4 | 44.5 | 44.5 | 44.1 | 44.6 | ----- |
| Printing, publishing, and allied industries*.....hours..... | 39.9 | 39.6 | 39.4 | 40.2 | 40.0 | 40.0 | 40.4 | 39.5 | 39.1 | 39.5 | 39.2 | 39.1 | ----- |
| Newspapers and periodicals*.....do..... | 38.4 | 38.2 | 38.5 | 39.0 | 38.7 | 38.6 | 39.1 | 37.8 | 38.3 | 38.4 | 38.5 | 38.3 | ----- |
| Printing, book and job*.....do..... | 40.6 | 40.5 | 40.0 | 40.8 | 40.7 | 40.7 | 41.1 | 40.7 | 39.8 | 40.3 | 39.9 | 39.8 | ----- |
| Chemicals and allied products*.....do..... | 41.1 | 40.9 | 40.9 | 41.0 | 41.4 | 41.3 | 41.5 | 41.4 | 41.1 | 41.2 | 41.0 | 41.1 | ----- |
| Chemicals*.....do..... | 40.9 | 41.1 | 40.7 | 40.5 | 40.8 | 40.9 | 41.2 | 41.2 | 41.1 | 41.1 | 41.0 | 41.0 | ----- |
| Products of petroleum and coal*.....do..... | 40.7 | 40.5 | 40.6 | 41.0 | 40.5 | 41.2 | 40.8 | 40.7 | 40.8 | 40.6 | 40.1 | 41.0 | ----- |
| Petroleum refining*.....do..... | 40.6 | 40.7 | 40.3 | 40.7 | 39.9 | 41.0 | 40.3 | 39.8 | 40.0 | 40.1 | 39.9 | 40.6 | ----- |
| Rubber products*.....do..... | 39.1 | 38.6 | 38.7 | 39.9 | 40.1 | 39.9 | 40.9 | 39.7 | 38.5 | 37.8 | 37.8 | 38.8 | ----- |
| Rubber tires and inner tubes*.....do..... | 37.7 | 37.9 | 37.8 | 38.9 | 38.7 | 38.9 | 39.5 | 38.2 | 36.0 | 34.8 | 35.3 | 37.4 | ----- |

† Revised. * Preliminary. † The reduction reflects incomplete return to previous work schedule after termination of work stoppages and observance of Armistice Day in some yards.

‡ Not strictly comparable with data prior to May 1947; comparable April 1947 figure, 41.9. § See note marked “§” on p. 8-10.

* New series. Indexes of pay rolls beginning 1939 for retail food establishments are shown on p. 31 of the June 1943 Survey. Data beginning 1939 for the printing and publishing industries and the aircraft engine industries will be published later. Data beginning 1939 for all series on average hours will also be published later; see note in the September 1947 issue for reference to earliest data published in the Survey and explanation of a change in January 1945 which affected the comparability of the data for the machine tools, aircraft engines, and shipbuilding industries.

† Revised series. See note marked “†” on p. 8-10 with regard to revised indexes of pay rolls in manufacturing industries and note marked “†” on p. 8-11 with regard to revised data for pay rolls in nonmanufacturing industries. Data beginning 1942 for average weekly hours in all manufacturing industries are available in the March 1943 and later issues of the Survey; revised data prior to 1942 have not been published in the Survey and will be shown later.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-----------|---------|----------|----------|----------|----------|---------|---------|---------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| EMPLOYMENT CONDITIONS AND WAGES—Continued | | | | | | | | | | | | | |
| LABOR CONDITIONS—Continued | | | | | | | | | | | | | |
| Average weekly hours per worker—Continued | | | | | | | | | | | | | |
| Nonmanufacturing industries: ^a | | | | | | | | | | | | | |
| Building construction..... hours..... | 37.8 | 38.0 | 38.2 | 37.9 | 38.1 | 36.6 | 37.9 | 37.2 | 36.7 | 37.1 | † 37.0 | 37.2 | |
| Mining: | | | | | | | | | | | | | |
| Anthracite..... do..... | 39.2 | 37.0 | 38.5 | 38.2 | 40.0 | 36.2 | 38.4 | 39.0 | 36.2 | 40.3 | † 32.1 | 39.4 | |
| Bituminous coal..... do..... | 43.7 | 31.8 | 39.1 | 39.1 | 39.9 | 38.5 | 41.2 | 40.9 | 38.7 | † 40.6 | † 26.9 | 40.3 | |
| Metalliferous..... do..... | 42.6 | 41.2 | 41.4 | 41.6 | 42.3 | 41.7 | 42.7 | 42.5 | 42.9 | † 42.4 | † 42.1 | 42.6 | |
| Quarrying and nonmetallic..... do..... | 45.6 | 45.2 | 46.1 | 46.1 | 46.4 | 44.6 | 44.4 | 42.7 | 42.1 | 43.6 | 44.5 | 45.2 | |
| Crude petroleum and natural gas..... do..... | 41.9 | 40.6 | 40.1 | 40.3 | 40.0 | 40.9 | 39.5 | 39.9 | 40.4 | 39.7 | 40.1 | 40.4 | |
| Public utilities: | | | | | | | | | | | | | |
| Electric light and power..... do..... | 42.2 | 42.1 | 42.4 | 42.0 | 42.1 | 42.4 | 42.2 | 42.4 | 42.2 | 41.6 | 41.8 | 41.7 | |
| Street railways and busses..... do..... | 47.4 | 46.3 | 46.6 | 46.1 | 45.7 | 45.4 | 46.8 | 46.3 | 47.7 | 47.3 | 46.6 | 46.5 | |
| Telephone..... do..... | 44.8 | 44.8 | 44.8 | 44.5 | 44.8 | 44.0 | 43.9 | 44.4 | 44.5 | 44.4 | 44.1 | 45.0 | |
| Telephone..... do..... | 37.5 | 38.4 | 38.7 | 39.1 | 39.3 | 39.5 | 39.0 | 38.9 | 38.7 | 38.7 | 38.8 | 39.4 | |
| Services: | | | | | | | | | | | | | |
| Dyeing and cleaning..... do..... | 42.9 | 42.1 | 40.8 | 41.9 | 41.5 | 40.9 | 41.5 | 41.4 | 40.5 | 41.5 | 42.1 | 42.0 | |
| Power laundries..... do..... | 42.8 | 42.6 | 42.2 | 42.4 | 42.3 | 41.7 | 42.6 | 42.3 | 41.9 | 42.0 | 42.3 | 41.9 | |
| Year-round hotels..... do..... | 45.2 | 44.9 | 45.0 | 44.1 | 44.0 | 44.4 | 44.1 | 43.9 | 44.6 | 44.0 | 44.2 | 44.0 | |
| Trade: | | | | | | | | | | | | | |
| Retail..... do..... | 40.8 | 41.1 | 41.0 | 40.0 | 40.0 | 39.5 | 39.7 | 39.8 | 40.0 | † 39.8 | † 39.8 | 39.9 | |
| Wholesale..... do..... | 41.6 | 41.1 | 41.1 | 41.2 | 41.3 | 41.4 | 41.6 | 41.0 | 41.1 | 40.9 | 41.0 | 41.2 | |
| Industrial disputes (strikes and lock-outs): | | | | | | | | | | | | | |
| Beginning in month: | | | | | | | | | | | | | |
| Work stoppages..... number..... | 379 | 315 | 336 | 219 | 219 | 178 | 119 | † 175 | † 200 | † 225 | † 275 | † 275 | † 310 |
| Workers involved..... thousands..... | 448 | 242 | 113 | 79 | 64 | 57 | 32 | † 75 | † 70 | † 500 | † 175 | † 165 | † 165 |
| In effect during month: ^b | | | | | | | | | | | | | |
| Work stoppages..... number..... | 701 | 581 | 583 | 435 | 393 | 328 | 236 | † 250 | † 300 | † 350 | † 400 | † 425 | † 475 |
| Workers involved..... thousands..... | 597 | 615 | 259 | 187 | 171 | 139 | 57 | † 100 | † 110 | † 550 | † 625 | † 350 | † 240 |
| Man-days idle during month..... do..... | 3,960 | 3,970 | 2,520 | 1,970 | 1,780 | 829 | 590 | † 1,000 | † 725 | † 6,000 | † 8,000 | † 4,100 | † 2,000 |
| Percent of available working time ^c do..... | .6 | .5 | .4 | .3 | .2 | .1 | .1 | † .1 | † .1 | † .8 | † 1.1 | † .6 | † .3 |
| U. S. Employment Service placement activities: | | | | | | | | | | | | | |
| Nonagricultural placements †..... thousands..... | 453 | 454 | 484 | 546 | 528 | 451 | 397 | 374 | 344 | 413 | 458 | 482 | 524 |
| Unemployment compensation (Soc. Sec. Admin.): | | | | | | | | | | | | | |
| Initial claims*..... thousands..... | 942 | 623 | 565 | 617 | 602 | 830 | † 947 | † 882 | † 877 | † 1,046 | 1,012 | 923 | |
| Continued claims*..... do..... | 4,905 | 5,219 | 4,296 | 3,742 | 3,359 | 2,848 | 3,700 | 4,041 | 4,242 | 4,863 | 4,636 | 4,258 | † 4,614 |
| Benefit payments: | | | | | | | | | | | | | |
| Beneficiaries, weekly average ^d do..... | 1,007 | 954 | 915 | 779 | 666 | 593 | 621 | 776 | 849 | 924 | 904 | † 884 | 848 |
| Amount of payments..... thous. of dol..... | 73,559 | 76,534 | 66,804 | 59,268 | 52,782 | 41,677 | 52,202 | † 59,209 | 60,730 | 76,573 | 73,576 | 66,432 | 71,690 |
| Veterans' unemployment allowances: ^e | | | | | | | | | | | | | |
| Initial claims..... thousands..... | 493 | 476 | 386 | 315 | 289 | 290 | 398 | 437 | 374 | 355 | 299 | 244 | 358 |
| Continued claims..... do..... | 3,021 | 3,446 | 3,023 | 2,663 | 1,989 | 1,609 | 2,241 | 2,563 | 2,637 | 2,930 | 2,323 | 1,757 | 1,716 |
| Claims filed during last week of month..... do..... | 722 | 759 | 715 | 528 | 419 | 395 | 443 | 628 | 651 | 604 | 522 | 390 | 385 |
| Amount of payments..... thous. of dol..... | 58,542 | 66,239 | 59,521 | 53,336 | 38,153 | 29,554 | 40,209 | 48,933 | 49,466 | 55,782 | 46,940 | 33,535 | 30,676 |
| Labor turn-over in manufacturing establishments: ^f | | | | | | | | | | | | | |
| Accession rate..... monthly rate per 100 employees..... | 5.5 | 4.9 | 5.3 | 5.9 | 5.5 | 4.8 | 3.6 | 4.6 | 3.9 | 4.0 | 4.0 | † 4.0 | |
| Separation rate, total..... do..... | 4.7 | 4.6 | 5.3 | 5.9 | 5.0 | 4.0 | 3.7 | 4.3 | † 4.2 | 4.5 | 4.7 | † 4.3 | |
| Discharges..... do..... | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | |
| Layoffs..... do..... | 1.1 | 1.0 | .8 | .9 | .9 | .8 | .9 | 1.2 | 1.7 | 1.2 | 1.2 | † 1.1 | |
| Quits..... do..... | 3.1 | 3.1 | 4.0 | 4.5 | 3.6 | 2.7 | 2.3 | 2.6 | 2.5 | 2.8 | 3.0 | † 2.8 | |
| Military and miscellaneous..... do..... | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | † .1 | |
| WAGES | | | | | | | | | | | | | |
| Average weekly earnings (U. S. Dept. of Labor): | | | | | | | | | | | | | |
| All manufacturing †..... dollars..... | 49.33 | 48.98 | 49.17 | 50.43 | 51.05 | 51.29 | 52.69 | 52.07 | 51.75 | † 52.07 | † 51.71 | † 51.76 | † 52.81 |
| Durable goods industries †..... do..... | 52.99 | 52.19 | 52.46 | 54.06 | 54.69 | 54.86 | 56.48 | 55.46 | 54.77 | † 55.25 | † 54.87 | † 54.65 | † 56.14 |
| Iron and steel and their products †..... do..... | 55.18 | 53.67 | 54.53 | 56.21 | 56.61 | 56.96 | 58.13 | 57.43 | 56.99 | † 57.28 | † 56.48 | 57.39 | |
| Blast furnaces, steel works, and rolling mills †..... dollars..... | 58.12 | 55.23 | 58.25 | 58.96 | 58.56 | 59.52 | 60.01 | 60.58 | 59.74 | 59.26 | 58.37 | 60.54 | |
| Electrical machinery †..... do..... | 51.57 | 52.00 | 51.53 | 53.46 | 54.10 | 54.32 | 55.34 | 54.82 | 54.50 | 54.41 | 53.86 | 53.70 | |
| Machinery, except electrical †..... do..... | 56.80 | 56.06 | 55.74 | 57.36 | 57.87 | 57.92 | 59.67 | 59.13 | 58.65 | † 59.12 | † 59.26 | 59.17 | |
| Machinery and machine-shop products †..... dollars..... | 55.53 | 55.00 | 55.07 | 56.41 | 56.75 | 57.03 | 59.22 | 58.33 | 58.11 | 58.29 | 58.63 | 59.05 | |
| Machine tools..... do..... | 58.31 | 56.78 | 57.77 | 58.69 | 59.25 | 59.53 | 61.34 | 59.64 | 60.54 | 60.58 | 60.37 | 60.81 | |
| Automobiles †..... do..... | 57.48 | 56.44 | 55.76 | 59.35 | 60.30 | 61.30 | 64.64 | 60.96 | 59.00 | † 59.81 | † 59.14 | 53.71 | |
| Transportation equipment, except automobiles..... dollars..... | 55.69 | 56.02 | 55.75 | 56.54 | 58.08 | 56.42 | 59.79 | 59.56 | 58.67 | † 59.40 | † 59.89 | 59.30 | |
| Aircraft and parts (excluding engines)..... do..... | 52.58 | 54.48 | 55.30 | 54.44 | 56.01 | 55.48 | 57.12 | 55.53 | 56.13 | † 56.71 | † 57.75 | 57.74 | |
| Aircraft engines*..... do..... | 55.44 | 56.19 | 56.58 | 58.43 | 59.19 | 57.52 | 60.39 | 59.30 | 58.29 | 59.53 | 60.33 | 61.02 | |
| Shipbuilding and boatbuilding..... do..... | 57.79 | 56.77 | 56.93 | 57.71 | 59.31 | 55.20 | 61.74 | 64.05 | 61.45 | 62.07 | 62.04 | 60.40 | |
| Nonferrous metals and products †..... do..... | 52.06 | 51.12 | 51.07 | 52.62 | 53.59 | 54.27 | 55.53 | 55.06 | 55.07 | 55.23 | † 54.87 | 55.14 | |
| Lumber and timber basic products †..... do..... | 45.04 | 43.57 | 45.22 | 45.41 | 45.23 | 45.30 | 45.65 | 44.49 | 45.01 | 45.32 | 44.92 | 46.81 | |
| Sawmills and logging camps..... do..... | 44.14 | 42.86 | 44.05 | 44.58 | 44.09 | 44.27 | 44.20 | 42.94 | 43.41 | 43.86 | 43.07 | 45.24 | |
| Furniture and finished lumber products †..... do..... | 44.24 | 43.51 | 44.09 | 45.38 | 46.53 | 46.32 | 47.72 | 47.02 | 46.68 | † 47.08 | † 46.34 | 46.51 | |
| Furniture †..... do..... | 45.04 | 44.12 | 44.58 | 46.24 | 47.76 | 48.07 | 49.10 | 48.54 | 48.38 | † 48.58 | † 47.64 | 47.78 | |
| Stone, clay, and glass products †..... do..... | 48.54 | 48.00 | 49.06 | 49.57 | 50.38 | 50.47 | 51.00 | 50.10 | 49.98 | † 51.41 | † 51.75 | 51.25 | |
| Nondurable goods industries †..... do..... | 45.31 | 45.61 | 45.78 | 46.78 | 47.29 | 47.56 | 48.72 | 48.45 | 48.56 | 48.66 | 48.26 | † 48.61 | † 49.29 |
| Textile-mill products and other fiber manufactures †..... dollars..... | 39.54 | 39.48 | 39.44 | 41.39 | 41.94 | 43.73 | 45.15 | 45.19 | 45.79 | 46.32 | 45.46 | 45.19 | |
| Cotton manufactures, except small wares †..... dollars..... | 37.10 | 37.21 | 37.50 | 38.55 | 39.22 | 42.47 | 43.64 | 43.81 | 43.43 | 43.98 | 43.08 | 42.57 | |
| Silk and rayon goods †..... do..... | 40.97 | 41.17 | 41.65 | 43.23 | 43.57 | 44.84 | 46.48 | 47.55 | 47.92 | 48.53 | 48.31 | 48.38 | |
| Woolen and worsted manufactures (except dyeing and finishing) †..... dollars..... | 45.75 | 45.33 | 42.28 | 46.99 | 46.70 | 46.95 | 49.12 | 48.79 | 52.82 | † 53.49 | 52.33 | 52.61 | |
| Apparel and other finished textile products †..... dollars..... | 35.77 | 36.50 | 36.57 | 37.64 | 38.78 | 37.09 | 39.00 | 40.00 | 40.23 | † 40.09 | † 37.61 | 37.24 | |
| Men's clothing †..... do..... | 41.35 | 40.17 | 38.66 | 41.05 | 42.78 | 42.24 | 43.11 | 44.11 | 44.05 | 44.73 | 44.31 | 43.50 | |
| Women's clothing †..... do..... | 41.87 | 43.81 | 45.49 | 45.78 | 46.91 | 43.82 | 46.76 | 48.52 | 49.09 | † 48.10 | † 43.20 | 43.27 | |
| Leather and leather products †..... do..... | 40.12 | 40.30 | 40.25 | 41.89 | 42.18 | 41.93 | 42.67 | 42.63 | 42.34 | 41.87 | † 40.34 | 39.82 | |
| Boots and shoes..... do..... | 38.30 | 38.49 | 38.32 | 40.12 | 40.41 | 39.98 | 40.87 | 41.09 | 41.35 | 40.21 | 38.09 | 36.91 | |

* Revised. † Preliminary. ‡ Data reflect work stoppages. § Partly estimated.
 ¶ See p. 23 of December 1946 Survey for 1944-45 data. †† Computed from weeks compensated in weeks ended during month.
 ‡ Small revisions for January 1940 to May 1944 are available on request.

§ Rates refer to all employees and are therefore not strictly comparable with data prior to 1943 published in the Survey.

¶ See note in September 1947 Survey regarding a change in January 1945, also in 1942 for women's clothing industry, which affected the comparability of the data.

†† New series. See note marked "††" on p. S-12 of the September 1947 Survey for reference to available data for the series on average weekly hours in nonmanufacturing industries with the exception of the series for year-round hotels which was not shown in the Survey prior to the October 1947 issue. Data are available beginning 1939 for average hours in year-round hotels, average weekly earnings in the aircraft engine industry, and initial unemployment compensation claims, beginning September 1944 for veterans' unemployment allowances, and beginning 1927 for man-days idle as a percent of available working time.

‡ Revised series. The indicated series on average weekly earnings and average hourly earnings (p. S-14) have been shown on a revised basis beginning in the March 1943 Survey; see note in that issue for an explanation of the revision.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|-------|--------|--------|-----------|---------|----------|----------|---------|----------|-------|--------|-------|--------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| EMPLOYMENT CONDITIONS AND WAGES—Continued | | | | | | | | | | | | | |
| WAGES—Continued | | | | | | | | | | | | | |
| Miscellaneous wage data: | | | | | | | | | | | | | |
| Construction wage rates (E. N. R.):\$ | | | | | | | | | | | | | |
| Common labor.....dol. per hr. | 1.185 | 1.233 | 1.237 | 1.237 | 1.263 | 1.265 | 1.272 | 1.272 | 1.272 | 1.283 | 1.287 | 1.315 | 1.352 |
| Skilled labor.....do. | 2.02 | 2.07 | 2.08 | 2.10 | 2.13 | 2.13 | 2.14 | 2.14 | 2.15 | 2.15 | 2.17 | 2.18 | 2.25 |
| Farm wages without board (quarterly) | | | | | | | | | | | | | |
|dol. per month | | 114.00 | | | 112.00 | | | 113.00 | | | 113.00 | | 121.00 |
| Railway wages (average, class I).....dol. per hr. | 1.140 | 1.133 | 1.137 | 1.204 | 1.250 | 1.305 | 1.290 | 1.297 | 1.326 | 1.279 | 1.279 | 1.292 | |
| Road-building wages, common labor: | | | | | | | | | | | | | |
| United States average ○.....do. | .89 | .92 | | | 1.01 | | | .91 | | | .95 | | |
| PUBLIC ASSISTANCE | | | | | | | | | | | | | |
| Total public assistance.....mil. of dol. | 122 | 123 | 125 | 126 | 128 | 129 | 132 | 134 | 137 | 138 | 139 | 139 | 139 |
| Old-age assistance, and aid to dependent children and the blind, total.....mil. of dol. | 109 | 110 | 112 | 112 | 114 | 115 | 116 | 118 | 121 | 120 | 121 | 123 | 123 |
| Old-age assistance.....do. | 82 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 88 | 89 | 90 | 90 |
| General relief.....do. | 13 | 13 | 13 | 13 | 14 | 14 | 15 | 16 | 17 | 18 | 17 | 16 | 16 |

FINANCE

| BANKING | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Agricultural loans outstanding of agencies supervised by the Farm Credit Administration:† | | | | | | | | | | | | | |
| Total.....mil. of dol. | 1,706 | 1,731 | 1,746 | 1,746 | 1,739 | 1,713 | 1,699 | 1,707 | 1,724 | 1,743 | 1,763 | 1,778 | 1,809 |
| Farm mortgage loans, total.....do. | 1,033 | 1,028 | 1,018 | 1,007 | 993 | 982 | 973 | 962 | 958 | 955 | 954 | 954 | 952 |
| Federal land banks.....do. | 910 | 907 | 900 | 891 | 882 | 875 | 869 | 862 | 860 | 860 | 861 | 864 | 864 |
| Land Bank Commissioner.....do. | 123 | 121 | 118 | 115 | 111 | 107 | 103 | 100 | 98 | 95 | 93 | 90 | 88 |
| Loans to cooperatives, total.....do. | 159 | 180 | 205 | 240 | 284 | 288 | 281 | 278 | 270 | 249 | 237 | 223 | 234 |
| Short-term credit, total.....do. | 514 | 523 | 522 | 500 | 462 | 444 | 445 | 467 | 495 | 539 | 574 | 601 | 623 |
| Bank debits, total (41 centers):.....do. | 84,897 | 83,957 | 75,048 | 81,799 | 94,058 | 82,740 | 106,520 | 93,966 | 80,771 | 96,483 | 91,648 | 87,226 | 97,300 |
| New York City.....do. | 35,632 | 34,779 | 28,331 | 31,837 | 37,504 | 31,738 | 46,225 | 37,615 | 32,271 | 39,587 | 37,955 | 35,429 | 40,633 |
| Outside New York City.....do. | 49,267 | 49,178 | 46,720 | 49,962 | 56,554 | 51,002 | 60,295 | 56,351 | 48,500 | 56,896 | 53,691 | 51,797 | 56,667 |
| Federal Reserve banks, condition, end of month: | | | | | | | | | | | | | |
| Assets, total.....mil. of dol. | 44,425 | 44,626 | 45,615 | 46,153 | 46,583 | 47,205 | 47,712 | 47,327 | 46,991 | 46,589 | 45,499 | 46,270 | 47,067 |
| Reserve bank credit outstanding, total.....do. | 22,170 | 21,875 | 22,759 | 22,730 | 22,906 | 22,975 | 23,181 | 22,782 | 22,109 | 21,607 | 20,858 | 21,576 | 21,900 |
| Bills discounted.....do. | 70 | 137 | 185 | 92 | 296 | 331 | 85 | 327 | 431 | 430 | 249 | 306 | 266 |
| United States securities.....do. | 21,872 | 21,549 | 22,192 | 22,329 | 22,168 | 22,209 | 22,559 | 21,925 | 21,024 | 20,887 | 20,340 | 20,662 | 21,366 |
| Gold certificate reserves.....do. | 20,039 | 20,296 | 20,534 | 20,723 | 21,044 | 21,363 | 21,497 | 21,701 | 21,776 | 21,878 | 21,910 | 22,036 | 22,258 |
| Liabilities, total.....do. | 44,425 | 44,626 | 45,615 | 46,153 | 46,583 | 47,205 | 47,712 | 47,327 | 46,991 | 46,589 | 45,499 | 46,270 | 47,067 |
| Deposits, total.....do. | 17,748 | 17,869 | 18,695 | 18,718 | 19,240 | 19,431 | 19,731 | 20,311 | 19,807 | 19,610 | 19,007 | 19,761 | 20,176 |
| Member-bank reserve balances.....do. | 16,112 | 16,007 | 16,601 | 16,784 | 16,956 | 16,974 | 17,899 | 16,919 | 17,062 | 16,639 | 16,944 | 17,021 | 17,389 |
| Excess reserves (estimated).....do. | 738 | 399 | 823 | 841 | 864 | 829 | 1,499 | 768 | 762 | 655 | 737 | 848 | 678 |
| Federal Reserve notes in circulation.....do. | 24,154 | 24,090 | 24,345 | 24,482 | 24,481 | 24,651 | 24,820 | 24,156 | 24,045 | 23,768 | 23,648 | 23,675 | 23,675 |
| Reserve ratio.....percent. | 47.8 | 48.4 | 47.7 | 48.0 | 48.1 | 48.5 | 48.3 | 48.8 | 49.7 | 50.4 | 51.4 | 50.7 | 50.7 |
| Federal Reserve weekly reporting member banks, condition, Wednesday nearest end of month:† | | | | | | | | | | | | | |
| Deposits: | | | | | | | | | | | | | |
| Demand, adjusted.....mil. of dol. | 46,626 | 47,145 | 46,954 | 47,056 | 47,771 | 48,247 | 48,685 | 48,833 | 47,296 | 45,340 | 46,671 | 46,646 | 46,420 |
| Demand, except interbank: | | | | | | | | | | | | | |
| Individuals, partnerships, and corporations.....mil. of dol. | 46,443 | 46,816 | 46,884 | 47,330 | 47,988 | 48,379 | 49,809 | 48,701 | 47,134 | 45,445 | 46,418 | 46,627 | 46,671 |
| States and political subdivisions.....do. | 3,191 | 3,109 | 3,124 | 3,076 | 3,027 | 3,146 | 3,246 | 3,264 | 3,219 | 3,363 | 3,484 | 3,478 | 3,517 |
| United States Government.....do. | 586 | 648 | 940 | 1,561 | 969 | 741 | 793 | 693 | 1,009 | 1,297 | 1,309 | 1,252 | 1,265 |
| Time, except interbank, total.....do. | 14,460 | 14,470 | 14,520 | 14,561 | 14,584 | 14,478 | 14,609 | 14,593 | 14,801 | 14,772 | 14,790 | 14,877 | 15,016 |
| Individuals, partnerships, and corporations.....mil. of dol. | 14,055 | 14,061 | 14,104 | 14,151 | 14,175 | 14,069 | 14,192 | 14,127 | 14,256 | 14,221 | 14,222 | 14,283 | 14,417 |
| States and political subdivisions.....do. | 328 | 329 | 334 | 328 | 327 | 328 | 338 | 391 | 471 | 478 | 492 | 517 | 520 |
| Interbank.....do. | 10,581 | 10,320 | 10,833 | 11,178 | 11,121 | 11,121 | 11,643 | 10,681 | 10,422 | 9,750 | 9,701 | 9,914 | 10,200 |
| Investments, total.....do. | 43,094 | 42,971 | 42,587 | 42,740 | 42,462 | 41,798 | 41,487 | 41,559 | 40,055 | 38,768 | 39,780 | 39,415 | 38,868 |
| U. S. Government obligations, direct and guaranteed, total.....mil. of dol. | 38,990 | 38,739 | 38,354 | 38,400 | 38,192 | 37,560 | 37,227 | 37,323 | 35,845 | 34,433 | 33,475 | 35,218 | 34,632 |
| Bills.....do. | 989 | 638 | 582 | 519 | 769 | 948 | 1,530 | 2,209 | 2,048 | 1,272 | 2,219 | 1,986 | 1,665 |
| Certificates.....do. | 4,648 | 4,535 | 4,138 | 4,025 | 4,032 | 3,291 | 3,338 | 3,410 | 3,972 | 3,745 | 3,839 | 4,879 | 4,674 |
| Bonds (incl. guaranteed obligations).....do. | 30,701 | 30,935 | 31,015 | 31,224 | 30,973 | 30,474 | 29,505 | 28,965 | 27,266 | 27,111 | 26,997 | 26,018 | 25,884 |
| Notes.....do. | 2,652 | 2,631 | 2,619 | 2,632 | 2,418 | 2,847 | 2,854 | 2,739 | 2,559 | 2,305 | 2,420 | 2,335 | 2,409 |
| Other securities.....do. | 4,104 | 4,232 | 4,233 | 4,340 | 4,270 | 4,238 | 4,260 | 4,236 | 4,210 | 4,335 | 4,305 | 4,197 | 4,236 |
| Loans, total.....do. | 20,277 | 20,608 | 21,212 | 22,056 | 22,572 | 23,229 | 23,329 | 23,394 | 23,439 | 23,453 | 23,160 | 23,521 | 23,770 |
| Commercial, industrial, and agricultural.....do. | 11,809 | 11,967 | 12,518 | 13,116 | 13,817 | 14,358 | 14,658 | 14,727 | 14,540 | 14,417 | 14,159 | 14,113 | 14,342 |
| To brokers and dealers in securities.....do. | 1,266 | 1,095 | 1,166 | 1,234 | 970 | 919 | 784 | 674 | 831 | 905 | 809 | 1,058 | 1,152 |
| Other loans for purchasing or carrying securities.....mil. of dol. | 986 | 1,023 | 975 | 975 | 976 | 945 | 880 | 811 | 764 | 761 | 749 | 772 | 781 |
| Real estate loans.....do. | 2,981 | 3,079 | 3,171 | 3,244 | 3,316 | 3,388 | 3,460 | 3,516 | 3,569 | 3,615 | 3,669 | 3,755 | 3,822 |
| Loans to banks.....do. | 158 | 235 | 215 | 246 | 187 | 230 | 106 | 180 | 233 | 215 | 190 | 219 | 151 |
| Other loans.....do. | 3,077 | 3,109 | 3,167 | 3,241 | 3,306 | 3,389 | 3,431 | 3,486 | 3,502 | 3,540 | 3,584 | 3,604 | 3,726 |
| Money and interest rates:† | | | | | | | | | | | | | |
| Bank rates to customers: | | | | | | | | | | | | | |
| New York City.....percent. | 1.83 | | | 1.77 | | | 1.82 | | | 2.09 | | | |
| 7 other northern and eastern cities.....do. | 2.44 | | | 2.25 | | | 2.27 | | | 2.52 | | | |
| 11 southern and western cities.....do. | 2.95 | | | 2.69 | | | 2.61 | | | 2.83 | | | |
| Discount rate (N. Y. F. R. Bank).....do. | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 |
| Federal land bank loans ^o.....do. | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 |
| Federal intermediate credit bank loans.....do. | 1.52 | 1.52 | 1.62 | 1.53 | 1.54 | 1.54 | 1.58 | 1.58 | 1.63 | 1.69 | 1.83 | 1.88 | 1.88 |
| Open market rates, New York City: | | | | | | | | | | | | | |
| Acceptances, prime, bankers', 90 days.....percent. | .81 | .81 | .88 | .94 | .94 | .94 | 1.03 | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 |
| Commercial paper, prime, 4-6 months.....do. | 1.00 | 1.00 | 1.00 | 1.06 | 1.06 | 1.06 | 1.19 | 1.31 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 |
| Time loans, 90 days (N. Y. S. E.).....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 |
| Call loans, renewal (N. Y. S. E.).....do. | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |

† Revised. † Preliminary. † Rate as of July 1. ○ Reported quarterly after July 1947 for the week nearest the 15th of the month indicated.

‡ Beginning June 30, 1948, individual loan items are reported gross, i. e., before deduction of valuation reserves, instead of net as previously. Comparable data on a gross basis are available only for June 23, 1948. As of that date gross loans were 0.7 percent higher than net amounts for commercial, agricultural and industrial loans, 0.3 percent higher for "other loans for purchasing and carrying securities" and real estate loans, and 1.6 percent higher for "other loans." Total loans for June 30 are shown on a net basis as previously and therefore do not agree with the sum of the individual items.

§ For bond yields see p. S-19. § Rate as of August 1, 1948: Construction—Common labor, \$1.386; skilled labor, \$2.29. Revisions, 1947; Common labor, January, \$1.110; February, \$1.118; skilled labor, January, \$1.90.

¶ The total and total short-term credit have been revised to include emergency crop and drought relief loans which are now supervised by the Farmers Home Administration and publication of the detail for short-term credit and loans to cooperatives has been discontinued in the Survey; see September 1947 Survey for loans included in these totals.

‡ Rates on all loans; see note on item in April 1946 Survey.

† Revised series. Bank debits were revised in the September 1943 Survey to include additional banks, see p. S-15 of that issue for revised figures for May-December 1942. The series for weekly reporting banks have been shown on a revised basis beginning in the August 1947 Survey; see note in that issue.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|---------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| FINANCE—Continued | | | | | | | | | | | | | |
| BANKING—Continued | | | | | | | | | | | | | |
| Money and interest rates—Continued | | | | | | | | | | | | | |
| Open market rates, New York City—Continued | | | | | | | | | | | | | |
| Average yield on U. S. Govt. securities: | | | | | | | | | | | | | |
| 3-month bills | .376 | .703 | .748 | .804 | .857 | .932 | .950 | .977 | .996 | .996 | .997 | .997 | .998 |
| 3-5 year taxable issues ¹ | 1.29 | 1.33 | 1.31 | 1.28 | 1.35 | 1.47 | 1.54 | 1.63 | 1.63 | 1.60 | 1.58 | 1.51 | 1.49 |
| Savings deposits, balance to credit of depositors: | | | | | | | | | | | | | |
| New York State savings banks | 9,535 | 9,556 | 9,580 | 9,630 | 9,655 | 9,681 | 9,802 | 9,855 | 9,904 | 9,959 | 9,986 | 10,017 | 10,111 |
| U. S. Postal Savings | 3,398 | 3,398 | 3,396 | 3,407 | 3,412 | 3,413 | 3,417 | 3,432 | 3,441 | 3,435 | 3,415 | 3,395 | 3,372 |
| CONSUMER SHORT-TERM CREDIT* | | | | | | | | | | | | | |
| Total consumer short-term debt, end of month * | | | | | | | | | | | | | |
| Installment debt, total ² | 11,244 | 11,321 | 11,454 | 11,708 | 12,084 | 12,671 | 13,423 | 13,096 | 12,978 | 13,423 | 13,627 | 13,818 | 14,149 |
| Sale debt, total ³ | 4,933 | 5,063 | 5,198 | 5,314 | 5,490 | 5,765 | 6,189 | 6,219 | 6,284 | 6,533 | 6,769 | 6,963 | 7,192 |
| Automobile dealers ⁴ | 2,036 | 2,092 | 2,167 | 2,257 | 2,370 | 2,551 | 2,839 | 2,818 | 2,835 | 2,986 | 3,137 | 3,258 | 3,399 |
| Department stores and mail-order houses ⁵ | 880 | 922 | 965 | 1,004 | 1,047 | 1,099 | 1,151 | 1,202 | 1,254 | 1,367 | 1,468 | 1,536 | 1,631 |
| Furniture stores ⁶ | 423 | 429 | 440 | 462 | 495 | 555 | 650 | 632 | 624 | 653 | 680 | 703 | 721 |
| Household appliance stores ⁷ | 395 | 398 | 408 | 423 | 443 | 474 | 528 | 502 | 492 | 497 | 511 | 528 | 542 |
| Jewelry stores ⁸ | 37 | 39 | 41 | 43 | 46 | 49 | 52 | 52 | 52 | 54 | 60 | 65 | 68 |
| All other ⁹ | 119 | 120 | 124 | 128 | 131 | 145 | 192 | 176 | 164 | 160 | 155 | 155 | 158 |
| Cash loan debt, total ¹⁰ | 182 | 184 | 189 | 197 | 208 | 229 | 266 | 254 | 249 | 255 | 263 | 271 | 279 |
| Commercial banks ¹¹ | 2,897 | 2,971 | 3,031 | 3,057 | 3,120 | 3,214 | 3,350 | 3,401 | 3,449 | 3,547 | 3,632 | 3,705 | 3,793 |
| Credit unions ¹² | 1,248 | 1,278 | 1,307 | 1,320 | 1,350 | 1,383 | 1,435 | 1,462 | 1,483 | 1,530 | 1,570 | 1,597 | 1,634 |
| Industrial banks ¹³ | 186 | 194 | 200 | 204 | 208 | 215 | 225 | 227 | 230 | 241 | 252 | 260 | 274 |
| Industrial loan companies ¹⁴ | 143 | 148 | 152 | 154 | 157 | 162 | 166 | 167 | 167 | 173 | 180 | 189 | 194 |
| Small loan companies ¹⁵ | 119 | 121 | 124 | 125 | 127 | 130 | 134 | 137 | 140 | 143 | 146 | 147 | 150 |
| Insured repair and modernization loans ¹⁶ | 638 | 649 | 652 | 643 | 647 | 670 | 712 | 717 | 721 | 733 | 739 | 748 | 758 |
| Miscellaneous lenders ¹⁷ | 450 | 467 | 482 | 497 | 517 | 538 | 558 | 572 | 587 | 604 | 622 | 640 | 658 |
| Charge account sale debt ¹⁸ | 113 | 114 | 114 | 114 | 114 | 116 | 120 | 121 | 121 | 123 | 123 | 124 | 125 |
| Single payment loans ¹⁹ | 2,887 | 2,786 | 2,755 | 2,864 | 3,029 | 3,309 | 3,612 | 3,240 | 3,067 | 3,281 | 3,259 | 3,263 | 3,364 |
| Service credit ²⁰ | 2,508 | 2,549 | 2,581 | 2,609 | 2,647 | 2,680 | 2,702 | 2,713 | 2,705 | 2,689 | 2,665 | 2,660 | 2,662 |
| Consumer installment loans made by principal lending institutions: | 916 | 923 | 920 | 921 | 918 | 917 | 920 | 924 | 928 | 926 | 934 | 932 | 931 |
| Commercial banks ²¹ | 222 | 227 | 213 | 216 | 228 | 233 | 267 | 247 | 221 | 286 | 269 | 258 | 274 |
| Credit unions ²² | 37 | 38 | 36 | 35 | 39 | 39 | 46 | 38 | 38 | 48 | 50 | 47 | 55 |
| Industrial banks ²³ | 26 | 29 | 26 | 27 | 28 | 27 | 33 | 27 | 25 | 32 | 31 | 31 | 37 |
| Industrial loan companies ²⁴ | 24 | 23 | 22 | 24 | 23 | 25 | 30 | 26 | 25 | 29 | 27 | 25 | 28 |
| Small loan companies ²⁵ | 117 | 123 | 113 | 107 | 121 | 142 | 191 | 110 | 107 | 140 | 121 | 123 | 127 |
| FEDERAL GOVERNMENT FINANCE | | | | | | | | | | | | | |
| Budget receipts and expenditures:† | | | | | | | | | | | | | |
| Expenditures, total | 5,540 | 3,669 | 3,060 | 2,932 | 2,445 | 2,194 | 3,224 | 2,879 | 2,402 | 3,546 | 3,109 | 2,604 | 1,726 |
| Interest on public debt | 1,396 | 245 | 103 | 668 | 157 | 127 | 972 | 401 | 142 | 608 | 154 | 124 | 1,508 |
| Veterans' Administration | 601 | 564 | 511 | 494 | 481 | 526 | 568 | 524 | 529 | 597 | 582 | 530 | 562 |
| National defense and related activities | 1,493 | 979 | 908 | 1,006 | 1,151 | 936 | 966 | 1,069 | 850 | 850 | 909 | 933 | 930 |
| All other expenditures | 1,080 | 1,881 | 1,538 | 764 | 656 | 605 | 688 | 885 | 881 | 1,491 | 1,464 | 1,017 | 4,260 |
| Receipts, total | 5,481 | 2,470 | 2,866 | 4,885 | 2,456 | 3,054 | 4,260 | 4,310 | 4,614 | 6,365 | 2,881 | 3,083 | 5,119 |
| Receipts, net | 5,473 | 2,397 | 2,536 | 4,872 | 2,390 | 2,743 | 4,246 | 4,275 | 4,396 | 6,334 | 2,806 | 2,707 | 5,102 |
| Customs | 35 | 37 | 31 | 34 | 42 | 32 | 35 | 37 | 34 | 41 | 35 | 31 | 33 |
| Income taxes | 3,270 | 1,382 | 1,668 | 3,435 | 1,345 | 1,666 | 2,769 | 3,237 | 3,159 | 5,165 | 1,858 | 1,785 | 3,701 |
| Social security taxes | 121 | 80 | 352 | 133 | 70 | 329 | 142 | 51 | 423 | 176 | 83 | 401 | 142 |
| Miscellaneous internal revenue | 602 | 663 | 643 | 699 | 782 | 695 | 767 | 666 | 629 | 739 | 662 | 673 | 694 |
| All other receipts | 1,453 | 307 | 172 | 585 | 217 | 331 | 547 | 329 | 369 | 243 | 243 | 193 | 550 |
| Debt, gross, end of month: | | | | | | | | | | | | | |
| Public debt, total | 258,286 | 259,448 | 260,097 | 259,147 | 259,071 | 258,212 | 256,900 | 256,574 | 254,605 | 252,990 | 252,240 | 252,236 | 252,292 |
| Interest-bearing, total | 255,113 | 256,321 | 257,110 | 256,107 | 256,270 | 255,591 | 254,205 | 253,958 | 252,100 | 250,634 | 249,920 | 249,958 | 250,063 |
| Public issues | 227,747 | 227,805 | 227,800 | 226,587 | 226,822 | 226,074 | 225,570 | 224,810 | 222,854 | 221,362 | 220,718 | 220,636 | 219,852 |
| Special issues to trust accounts, etc. | 27,366 | 28,516 | 29,220 | 29,520 | 29,447 | 29,517 | 28,955 | 29,148 | 29,246 | 29,272 | 29,201 | 29,323 | 30,211 |
| Noninterest bearing | 3,173 | 3,127 | 2,987 | 3,038 | 2,801 | 2,621 | 2,695 | 2,616 | 2,505 | 2,356 | 2,320 | 2,278 | 2,229 |
| Obligations guaranteed by U. S. Government | 83 | 74 | 73 | 70 | 78 | 83 | 76 | 72 | 74 | 73 | 70 | 70 | 69 |
| U. S. savings bonds: ²⁶ | | | | | | | | | | | | | |
| Amount outstanding | 51,407 | 51,589 | 51,699 | 51,759 | 51,928 | 52,039 | 52,174 | 52,575 | 52,875 | 53,061 | 53,133 | 53,207 | 53,333 |
| Sales, series E, F, and G | 482 | 559 | 460 | 466 | 488 | 412 | 487 | 770 | 607 | 588 | 468 | 432 | 497 |
| Redemptions | 433 | 457 | 404 | 432 | 404 | 357 | 434 | 454 | 364 | 462 | 452 | 428 | 465 |
| Government corporations and credit agencies:† | | | | | | | | | | | | | |
| Assets, except interagency, total | 29,666 | | | 31,037 | | | 30,966 | | | 31,107 | | | |
| Loans receivable, total (less reserves) | 7,662 | | | 9,212 | | | 9,714 | | | 10,134 | | | |
| To aid agriculture | 2,064 | | | 2,200 | | | 2,299 | | | 2,399 | | | |
| To aid home owners | 660 | | | 665 | | | 556 | | | 623 | | | |
| To aid railroads | 164 | | | 162 | | | 147 | | | 147 | | | |
| To aid other industries | 224 | | | 240 | | | 272 | | | 259 | | | |
| To aid banks | 6 | | | 6 | | | 5 | | | 5 | | | |
| To aid other financial institutions | 293 | | | 340 | | | 442 | | | 379 | | | |
| Foreign loans | 4,058 | | | 5,405 | | | 5,673 | | | 6,093 | | | |
| All other | 597 | | | 591 | | | 714 | | | 613 | | | |
| Commodities, supplies, and materials | 861 | | | 1,093 | | | 822 | | | 870 | | | |
| U. S. Government securities | 1,777 | | | 1,725 | | | 1,685 | | | 1,845 | | | |
| Other securities | 3,565 | | | 3,553 | | | 3,539 | | | 3,526 | | | |
| Land, structures, and equipment | 12,691 | | | 12,662 | | | 12,600 | | | 12,535 | | | |
| All other assets | 3,120 | | | 2,792 | | | 2,607 | | | 2,496 | | | |
| Liabilities, except interagency, total | 2,634 | | | 2,895 | | | 2,808 | | | 2,724 | | | |
| Bonds, notes, and debentures: | | | | | | | | | | | | | |
| Guaranteed by the United States | 83 | | | 84 | | | 82 | | | 76 | | | |
| Other | 506 | | | 667 | | | 689 | | | 781 | | | |
| Other liabilities | 2,045 | | | 2,144 | | | 2,037 | | | 1,868 | | | |
| Privately owned interests | 269 | | | 158 | | | 143 | | | 150 | | | |
| U. S. Government interests | 26,763 | | | 28,005 | | | 28,015 | | | 28,233 | | | |

* Revised. † Preliminary.

¹ Includes \$3,000,000,000 transferred to the "Foreign Economic Cooperation Trust Fund", and considered expended during the fiscal year 1948, as required by the Economic Cooperation Act of 1948; the effect of this transfer is to charge the budget in the fiscal year 1948 for expenditures to be made in the fiscal year 1949.

² This series has been substituted beginning December 1945 for the series formerly designated "taxable treasury notes"; see note on item in September 1947 Survey for earlier data.

³ New series. Annual data beginning 1929 and monthly data beginning 1939 for credit unions have been revised to exclude real estate mortgage loans. Data beginning January 1947 for loans of commercial banks and July 1947 for single payment loans have been revised on the basis of June and December 1947 call data for insured commercial banks. Data for total consumer short-term credit, total installment credit, total installment cash loans have also been revised to incorporate these changes. Revisions for earlier periods will be published in the Survey. These revisions for all series appear in the August 1948 Federal Reserve Bulletin. Data for 1929-46 for installment sale credit, charge account sale credit and service credit are on p. 24 of the April 1948 Survey. See notes marked "****" on p. S-15 and p. S-16, respectively, of the April 1946 and September 1947 Survey with regard to data for other components. See note in the February 1947 Survey for information on the series for U. S. savings bonds and reference to the earliest data published.

⁴ Revised series. Total Federal expenditures has been revised to include net expenditures (excluding debt retirement) of wholly-owned Government corporations, shown separately prior to the October 1947 Survey, and several changes have been made in the detail. Data for "national defense and related activities" (formerly designated "war and defense activities") exclude beginning July 1947 certain miscellaneous items included in earlier data (see note 5 on p. S-17 of September 1947 Survey). Data for Veterans Administration include veterans' pensions and benefits and transfers to trust accounts. Data for social security taxes have been revised to exclude railroad unemployment insurance contributions which are not classified as internal revenue. See notes in May 1946, October 1946, and February 1947 issues of the Survey for explanation of changes in data for assets and liabilities of Government corporations and credit agencies; the proprietary interest of the United States in the Federal land banks ceased on June 26, 1947, and data for the banks were dropped from the series effective June 30, 1947; the exclusion of these data largely accounts for the decline from March to June 1947 in loans to aid agriculture, investment in U. S. Government securities, "other" bonds, etc., under liabilities, and privately owned interests. See note in November 1946 issue for explanation of revised classifications for the Reconstruction Finance Corporation.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|----------|---------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| FINANCE—Continued | | | | | | | | | | | | | |
| FEDERAL GOVT. FINANCE—Continued | | | | | | | | | | | | | |
| Reconstruction Finance Corporation, loans outstanding, end of month, total ¹ mil. of dol. | 1,271 | 1,150 | 1,154 | 1,151 | 1,154 | 1,152 | 1,165 | | | | | | |
| Banks and trust cos., incl. receivers do. | 159 | 157 | 153 | 152 | 151 | 149 | 142 | | | | | | |
| Other financial institutions do. | 40 | 40 | 40 | 40 | 40 | 40 | 42 | | | | | | |
| Railroads, including receivers do. | 144 | 144 | 143 | 142 | 142 | 142 | 142 | | | | | | |
| Loans to business enterprises, except to aid in national defense mil. of dol. | 203 | 207 | 214 | 218 | 226 | 228 | 246 | | | | | | |
| National defense do. | 283 | 283 | 282 | 280 | 283 | 280 | 279 | | | | | | |
| Other loans and authorizations do. | 441 | 318 | 320 | 318 | 312 | 312 | 309 | | | | | | |
| LIFE INSURANCE | | | | | | | | | | | | | |
| Life Insurance Association of America: | | | | | | | | | | | | | |
| Assets, admitted, 36 companies, total ¹ mil. of dol. | 40,057 | 40,287 | 40,446 | 40,693 | 40,903 | 41,069 | 41,400 | 41,892 | 42,070 | 42,345 | 42,567 | 42,759 | |
| Mortgage loans, total do. | 5,837 | 5,953 | 6,041 | 6,131 | 6,242 | 6,340 | 6,483 | 6,584 | 6,694 | 6,816 | 6,943 | 7,058 | |
| Farm do. | 624 | 632 | 639 | 641 | 645 | 649 | 653 | 657 | 668 | 678 | 692 | 706 | |
| Other do. | 5,213 | 5,321 | 5,402 | 5,490 | 5,597 | 5,691 | 5,830 | 5,927 | 6,026 | 6,138 | 6,251 | 6,352 | |
| Real-estate holdings do. | 622 | 631 | 639 | 641 | 658 | 665 | 676 | 685 | 700 | 712 | 749 | 752 | |
| Policy loans and premium notes do. | 1,481 | 1,485 | 1,490 | 1,494 | 1,498 | 1,500 | 1,504 | 1,513 | 1,523 | 1,533 | 1,542 | 1,542 | |
| Bonds and stocks held (book value), total do. | 30,740 | 30,936 | 30,940 | 30,893 | 31,093 | 31,209 | 31,272 | 31,447 | 31,617 | 31,851 | 31,960 | 32,008 | |
| Govt. (domestic and foreign), total do. | 19,093 | 18,986 | 18,864 | 18,640 | 18,623 | 18,451 | 18,011 | 17,925 | 17,709 | 17,386 | 17,369 | 17,215 | |
| U. S. Government do. | 17,704 | 17,603 | 17,478 | 17,255 | 17,241 | 17,059 | 16,836 | 16,539 | 16,338 | 16,208 | 15,991 | 15,837 | |
| Public utility do. | 4,965 | 5,111 | 5,169 | 5,303 | 5,446 | 5,609 | 5,680 | 5,753 | 5,830 | 5,979 | 6,101 | 6,203 | |
| Railroad do. | 2,522 | 2,512 | 2,500 | 2,504 | 2,499 | 2,499 | 2,475 | 2,471 | 2,479 | 2,472 | 2,502 | 2,502 | |
| Other do. | 4,160 | 4,327 | 4,407 | 4,446 | 4,525 | 4,650 | 4,706 | 4,782 | 4,859 | 4,914 | 5,000 | 5,088 | |
| Cash do. | 588 | 525 | 546 | 703 | 582 | 543 | 695 | 854 | 723 | 602 | 524 | 533 | |
| Other admitted assets do. | 789 | 757 | 790 | 831 | 830 | 812 | 770 | 804 | 823 | 841 | 858 | 866 | |
| Premium collections total ¹ thous. of dol. | 403,048 | 381,906 | 357,502 | 392,520 | 370,906 | 362,185 | 540,554 | 405,921 | 410,719 | 481,627 | 378,769 | 382,810 | 432,885 |
| Annuities do. | 46,305 | 63,020 | 41,810 | 47,410 | 48,640 | 45,838 | 109,545 | 62,296 | 51,275 | 87,468 | 48,791 | 41,296 | 52,493 |
| Group do. | 24,301 | 32,100 | 27,147 | 27,720 | 30,961 | 22,478 | 35,849 | 33,018 | 36,066 | 34,674 | 31,082 | 29,056 | 31,360 |
| Industrial do. | 75,304 | 60,664 | 64,056 | 75,862 | 59,604 | 64,837 | 88,920 | 65,235 | 68,528 | 80,687 | 58,264 | 69,319 | 72,129 |
| Ordinary do. | 257,138 | 226,122 | 224,989 | 241,528 | 231,702 | 229,032 | 306,240 | 242,037 | 254,922 | 283,366 | 240,632 | 243,139 | 276,903 |
| Life Insurance Agency Management Association: | | | | | | | | | | | | | |
| Insurance written (new paid-for-insurance) ² mil. of dol. | 1,830 | 1,857 | 1,616 | 1,583 | 1,857 | 1,797 | 2,201 | 1,818 | 1,648 | 1,850 | 1,858 | 1,746 | 1,816 |
| Group do. | 291 | 328 | 186 | 212 | 201 | 203 | 436 | 178 | 195 | 225 | 201 | 157 | 225 |
| Industrial do. | 350 | 318 | 326 | 324 | 366 | 336 | 287 | 309 | 338 | 383 | 369 | 393 | 347 |
| Ordinary, total do. | 1,189 | 1,211 | 1,104 | 1,048 | 1,290 | 1,258 | 1,478 | 1,331 | 1,115 | 1,243 | 1,287 | 1,196 | 1,244 |
| New England do. | 79 | 73 | 68 | 68 | 90 | 85 | 91 | 90 | 72 | 81 | 85 | 81 | 83 |
| Middle Atlantic do. | 285 | 294 | 257 | 231 | 321 | 323 | 346 | 344 | 272 | 301 | 326 | 289 | 305 |
| East North Central do. | 259 | 267 | 241 | 231 | 290 | 284 | 318 | 304 | 252 | 272 | 278 | 255 | 265 |
| West North Central do. | 119 | 120 | 110 | 107 | 127 | 124 | 153 | 126 | 108 | 118 | 120 | 112 | 119 |
| South Atlantic do. | 132 | 132 | 122 | 124 | 140 | 134 | 169 | 138 | 121 | 141 | 148 | 140 | 143 |
| East South Central do. | 47 | 46 | 45 | 43 | 48 | 47 | 56 | 51 | 41 | 50 | 51 | 48 | 51 |
| West South Central do. | 96 | 102 | 93 | 93 | 95 | 93 | 115 | 100 | 88 | 99 | 99 | 98 | 102 |
| Mountain do. | 40 | 40 | 38 | 36 | 42 | 39 | 57 | 43 | 38 | 41 | 41 | 40 | 42 |
| Pacific do. | 132 | 132 | 125 | 114 | 138 | 129 | 173 | 135 | 124 | 140 | 140 | 134 | 135 |
| Institute of Life Insurance*: | | | | | | | | | | | | | |
| Payments to policyholders and beneficiaries, total ¹ thous. of dol. | 251,165 | 247,203 | 218,389 | 236,414 | 247,149 | 219,223 | 283,410 | 278,138 | 250,600 | 307,077 | 273,084 | 244,544 | |
| Death claim payments do. | 108,444 | 115,958 | 101,415 | 108,179 | 112,523 | 101,334 | 122,777 | 121,007 | 113,860 | 142,339 | 123,590 | 109,455 | |
| Matured endowments do. | 34,270 | 30,997 | 28,367 | 30,167 | 36,261 | 29,838 | 31,168 | 38,987 | 35,496 | 40,157 | 36,706 | 32,986 | |
| Disability payments do. | 7,753 | 8,509 | 6,358 | 7,269 | 7,609 | 6,924 | 8,118 | 8,723 | 7,111 | 8,356 | 7,063 | 7,472 | |
| Annuity payments do. | 18,868 | 19,098 | 17,574 | 17,795 | 18,024 | 17,975 | 16,216 | 24,275 | 18,014 | 19,438 | 19,881 | 18,164 | |
| Dividends do. | 49,237 | 40,119 | 35,218 | 42,364 | 38,527 | 35,323 | 69,114 | 52,452 | 44,694 | 55,083 | 44,446 | 40,377 | |
| Surrender values, premium notes, etc. do. | 32,593 | 32,522 | 29,457 | 30,640 | 34,205 | 27,829 | 36,017 | 32,694 | 31,425 | 41,704 | 40,498 | 36,090 | |
| MONETARY STATISTICS | | | | | | | | | | | | | |
| Foreign exchange rates: | | | | | | | | | | | | | |
| Argentina do. per paper peso | .2977 | .2977 | .2977 | .2977 | .2977 | .2977 | .2977 | .2977 | .2977 | .2977 | .2977 | .2977 | 1.2977 |
| Belgium do. per franc | .0228 | .0228 | .0228 | .0228 | .0228 | .0228 | .0228 | .0228 | .0228 | .0228 | .0228 | .0228 | .0228 |
| Brazil, free rate ³ do. per cruzeiro | .0544 | .0544 | .0544 | .0544 | .0544 | .0544 | .0544 | .0544 | .0544 | .0544 | .0544 | .0544 | .0544 |
| Canada, free rate ³ do. per Canadian dol. | .9159 | .9165 | .9200 | .9036 | .8999 | .8959 | .8836 | .9046 | .8906 | .8928 | .9063 | .9227 | .9323 |
| Colombia do. per peso | .5698 | .5698 | .5698 | .5698 | .5698 | .5698 | .5698 | .5699 | .5701 | .5701 | .5701 | .5701 | .5701 |
| France do. per franc | .0084 | .0084 | .0084 | .0084 | .0084 | .0084 | .0084 | .0084 | .0084 | .0084 | .0084 | .0084 | .0084 |
| India do. per rupee | .3016 | .3017 | .3017 | .3017 | .3017 | .3018 | .3018 | .3017 | .3017 | .3017 | .3017 | .3017 | .3017 |
| Mexico do. per peso | .2058 | .2058 | .2058 | .2058 | .2058 | .2058 | .2058 | .2058 | .2058 | .2058 | .2058 | .2058 | .2058 |
| Netherlands do. per guilder | .3775 | .3776 | .3775 | .3776 | .3776 | .3777 | .3770 | .3765 | .3771 | .3775 | .3776 | .3775 | .3772 |
| Sweden do. per krona | .2783 | .2783 | .2783 | .2782 | .2782 | .2783 | .2783 | .2783 | .2783 | .2783 | .2783 | .2783 | .2782 |
| United Kingdom, free rate do. per £ | 4.0272 | 4.0271 | 4.0273 | 4.0300 | 4.0310 | 4.0305 | 4.0313 | 4.0307 | 4.0311 | 4.0313 | 4.0315 | 4.0312 | 4.0313 |
| Gold and silver: | | | | | | | | | | | | | |
| Gold: | | | | | | | | | | | | | |
| Monetary stock, U. S. mil. of dol. | 21,266 | 21,537 | 21,766 | 21,955 | 22,294 | 22,614 | 22,754 | 22,935 | 23,036 | 23,137 | 23,169 | 23,304 | 23,532 |
| Net release from earmark ⁴ thous. of dol. | 118,958 | 26,745 | 42,317 | 153,112 | -3,968 | -82,786 | -44,592 | -14,859 | -72,165 | -63,376 | -111,546 | -2,841 | 81,671 |
| Gold exports ¹ do. | 2,685 | 3,639 | 5,118 | 2,085 | 5,619 | 1,600 | 2,509 | 6,590 | 2,560 | 27,385 | 28,178 | 61,887 | 44,782 |
| Gold imports ¹ do. | 202,917 | 222,839 | 116,776 | 111,685 | 456,450 | 267,301 | 180,674 | 241,568 | 161,948 | 127,328 | 262,334 | 213,214 | 222,523 |
| Production, reported monthly, total ⁵ do. | 59,655 | 64,148 | 61,616 | 60,833 | 60,644 | 59,738 | 60,433 | 60,559 | 57,220 | | | | |
| Africa ⁶ do. | 38,142 | 39,785 | 39,181 | 38,833 | 37,776 | 37,396 | 38,134 | 39,079 | 36,561 | 38,545 | | | |
| Canada ⁶ do. | 9,418 | 9,149 | 9,131 | 8,668 | 9,057 | 8,826 | 9,614 | 9,568 | 9,156 | 10,070 | 10,012 | | |
| United States ⁶ do. | 5,664 | 6,866 | 6,880 | 6,526 | 7,733 | 7,591 | 6,828 | 6,042 | 5,489 | 6,372 | 5,650 | 6,078 | 5,719 |
| Silver: | | | | | | | | | | | | | |
| Exports ¹ thous. of dol. | 1,685 | 1,636 | 630 | 374 | 2,509 | 1,042 | 352 | 1,636 | 220 | 229 | 5,763 | 2,564 | 42 |
| Imports ¹ do. | 4,408 | 3,410 | 4,659 | 4,440 | 6,087 | 6,917 | 3,296 | 7,222 | 6,196 | 5,331 | 5,560 | 9,146 | 5,747 |
| Price at New York do. per fine oz. | .668 | .636 | .657 | .706 | .716 | .746 | .746 | .746 | .746 | .746 | .746 | .746 | .746 |
| Production: | | | | | | | | | | | | | |
| Canada ⁶ thous. of fine oz. | 1,085 | 1,029 | 1,062 | 924 | 1,094 | 954 | 921 | 958 | 1,036 | 1,099 | 1,090 | | |
| United States ⁶ do. | 2,746 | 1,924 | 2,594 | 2,180 | 3,243 | 3,589 | 3,724 | 3,938 | 2,070 | 3,383 | 3,216 | 3,253 | |

* Revised. ¹ Preliminary. ² Based on quotations through June 22. ³ Based on quotations through January 23 when franc was devaluated.
⁴ Official rate. The February figure is based on quotations beginning February 10; the free rate for this period and succeeding months is \$0.0633. ⁵ Excludes Pakistan.
⁶ See note on item in September 1947 Survey for coverage of data and information on a substitution for one company in the assets series in 1944. Beginning January 1948, the data include total assets of one company that formerly reported assets of the life department only; assets of the accident and health department of this company represent about one-half of 1 percent of total assets for the 36 companies. Minor revisions for 1946-May 1947 in the total, industrial and ordinary may be had upon request.
⁷ See note on item in September 1947 Survey regarding official rate. ⁸ Or increase in earmarked gold (-).
⁹ See notes in the April 1946 and August 1946 issues regarding revisions in the data for 1941-44 and January-May 1945 and note in the January 1948 Survey regarding revisions in the 1946 figures for the United States and corresponding revisions in the total. Beginning in this issue figures for Africa and the total include production in Belgian Congo and the total includes also production in Mexico and revised figures for Australia. Heretofore data for Belgian Congo and Mexico have not been available currently since May 1940 and March 1942, respectively, and figures reported through May 1940 for Belgian Congo represented only about 50 percent of production while those formerly included for Australia after December 1943 covered Western Australia only. Revised annual figures for 1938-46 and monthly figures for January 1946-April 1947 for the total and Africa are available upon request. 1947 figures for United States and total are revised to agree with U. S. Mint estimates: January-May, United States—7,159, 5,030, 5,048, 5,794, 6,768; total—60,463, 43,406, 54,391, 57,439, 62,680.
¹⁰ Publication of data was suspended during the war period; data for November 1941-February 1945 will be published later.
¹¹ Revised series. All series for insurance written are estimated industry totals and for group and industrial insurance are not comparable with data published prior to the March 1946 Survey (see note in that issue); data for 1940-44 for these series will be shown later; data for ordinary insurance continue the data from the Life Insurance Sales Research Bureau published in the 1942 Supplement and subsequent monthly issues. See note in November 1943 Survey for explanation of revision in classifications for the Reconstruction Finance Corporation.
¹² New series. See November 1942 Survey, p. S-16, for a brief description of the series on payments to policy holders and beneficiaries and data for September-December 1941 and early 1942.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| FINANCE—Continued | | | | | | | | | | | | | |
| MONETARY STATISTICS—Continued | | | | | | | | | | | | | |
| Money supply: | | | | | | | | | | | | | |
| Currency in circulation..... mil. of dol. | 28,297 | 28,149 | 28,434 | 28,567 | 28,552 | 28,766 | 28,868 | 28,111 | 28,019 | 27,781 | 27,716 | * 27,812 | † 27,901 |
| Deposits adjusted, all banks, and currency outside banks, total*..... mil. of dol. | 165,455 | 166,200 | 166,900 | 168,400 | 169,700 | † 170,300 | † 171,446 | † 170,200 | † 168,900 | † 166,500 | † 167,800 | † 168,000 | † 168,010 |
| Deposits, adjusted, total, including U. S. deposits*..... mil. of dol. | 139,156 | 140,200 | 140,800 | 142,100 | 143,500 | 143,800 | † 144,970 | † 144,400 | † 143,200 | † 140,900 | † 142,400 | † 142,600 | † 142,400 |
| Demand deposits, adjusted, excl. U. S.* do. | 82,134 | 83,000 | 83,300 | 84,100 | 85,400 | 85,900 | † 87,123 | † 86,600 | † 84,600 | † 81,600 | † 83,000 | † 83,200 | † 82,950 |
| Time deposits, incl. postal savings* do. | 55,655 | 55,800 | 55,800 | 56,100 | 56,300 | 56,000 | † 56,395 | † 56,500 | † 56,800 | † 56,900 | † 56,900 | † 57,000 | † 57,250 |
| Turnover of demand deposits, except interbank and U. S. Government, annual rate*: | | | | | | | | | | | | | |
| New York City..... ratio of debits to deposits | 25.6 | 22.9 | 20.6 | 23.1 | 23.9 | 26.5 | 29.9 | 26.2 | 25.6 | 26.4 | 26.5 | 27.9 | 28.0 |
| Other leading cities..... do. | 17.9 | 17.2 | 16.6 | 18.0 | 18.2 | 19.8 | 20.0 | 18.7 | 18.6 | 19.1 | 18.6 | 18.7 | 19.1 |
| PROFITS AND DIVIDENDS (QUARTERLY) | | | | | | | | | | | | | |
| Industrial corporations (Federal Reserve): | | | | | | | | | | | | | |
| Net profits, total (629 cos.) ¹ mil. of dol. | 867 | | | 900 | | | 1,033 | | | † 1,030 | | | |
| Iron and steel (47 cos.)..... do. | 100 | | | 100 | | | 112 | | | † 121 | | | |
| Machinery (69 cos.)..... do. | 83 | | | 77 | | | 105 | | | † 87 | | | |
| Automobiles (15 cos.)..... do. | 105 | | | 103 | | | 115 | | | † 130 | | | |
| Other transportation equip. (68 cos.)..... do. | 153 | | | 157 | | | 146 | | | † 161 | | | |
| Nonferrous metals and prod. (77 cos.)..... do. | 46 | | | 45 | | | 59 | | | † 49 | | | |
| Other durable goods (75 cos.)..... do. | 58 | | | 59 | | | 71 | | | † 62 | | | |
| Foods, beverages and tobacco (49 cos.)..... do. | 64 | | | 85 | | | 105 | | | † 83 | | | |
| Oil producing and refining (45 cos.)..... do. | 110 | | | 121 | | | 160 | | | † 196 | | | |
| Industrial chemicals (30 cos.)..... do. | 87 | | | 81 | | | 85 | | | † 90 | | | |
| Other nondurable goods (80 cos.)..... do. | 92 | | | 93 | | | 90 | | | † 93 | | | |
| Miscellaneous services (74 cos.)..... do. | 71 | | | 80 | | | 80 | | | † 57 | | | |
| Profits and dividends (152 cos.) ² do. | 432 | | | 432 | | | 501 | | | † 527 | | | |
| Dividends..... do. | | | | | | | | | | | | | |
| Preferred..... do. | 23 | | | 22 | | | 23 | | | † 22 | | | |
| Common..... do. | 192 | | | 190 | | | 278 | | | † 207 | | | |
| Electric utilities, net income (Fed. Res.) ³ do. | 166 | | | 135 | | | 160 | | | † 186 | | | |
| Railways and Telephone cos. (see pp. S-22 and S-23). | | | | | | | | | | | | | |
| SECURITIES ISSUED | | | | | | | | | | | | | |
| Commercial and Financial Chronicle: | | | | | | | | | | | | | |
| Securities issued, by type of security, total (new capital and refunding) †..... mil. of dol. | * 1,041 | * 1,044 | 542 | 785 | 813 | 741 | 1,160 | 541 | 857 | 1,409 | * 936 | 652 | 965 |
| New capital, total..... do. | * 748 | * 870 | 351 | 621 | 713 | 608 | 1,029 | 495 | 802 | 1,257 | * 769 | 591 | 899 |
| Domestic, total..... do. | * 748 | * 870 | 326 | 621 | 713 | 608 | 1,026 | 495 | 801 | 1,221 | * 768 | 591 | 888 |
| Corporate..... do. | 519 | 483 | 132 | 258 | 599 | 470 | 926 | 365 | 546 | 560 | 562 | 374 | 584 |
| Federal agencies..... do. | 15 | 12 | 8 | 85 | 0 | 37 | 0 | 16 | 39 | 31 | 50 | 35 | 21 |
| Municipal, State, etc..... do. | * 214 | 124 | 185 | 277 | 114 | 101 | 99 | 114 | 217 | 630 | * 156 | 182 | 283 |
| Foreign..... do. | 0 | 1 | 25 | 0 | 0 | 0 | 4 | 0 | 1 | 37 | 2 | 0 | 11 |
| Refunding, total..... do. | 293 | 175 | 191 | 165 | 101 | 134 | 130 | 46 | 56 | 152 | 166 | 61 | 66 |
| Domestic, total..... do. | 255 | 170 | 191 | 165 | 101 | 134 | 130 | 46 | 56 | 152 | 166 | 61 | 66 |
| Corporate..... do. | 214 | 118 | 147 | 122 | 76 | 84 | 83 | 3 | 14 | 97 | 50 | 4 | 29 |
| Federal agencies..... do. | 38 | 40 | 40 | 42 | 20 | 48 | 45 | 42 | 39 | 54 | 114 | 49 | 34 |
| Municipal, State, etc..... do. | 2 | 11 | 3 | (*) | 5 | 2 | 2 | 2 | 3 | 1 | 1 | 8 | 3 |
| Foreign..... do. | 38 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (*) | 0 | 0 |
| Securities and Exchange Commission:† | | | | | | | | | | | | | |
| Estimated gross proceeds, total..... do. | 2,041 | 1,777 | 1,050 | 1,357 | 2,414 | 1,253 | 2,038 | 1,376 | 1,552 | 2,029 | 1,407 | * 1,170 | 1,603,447 |
| By types of security: | | | | | | | | | | | | | |
| Bonds, notes, and debentures, total..... do. | 1,900 | 1,589 | 1,026 | 1,261 | 2,207 | 1,104 | 1,859 | 1,324 | 1,332 | 1,983 | 1,297 | * 1,074 | 1,442,439 |
| Corporate..... do. | 596 | 412 | 223 | 346 | 414 | 412 | 899 | 294 | 393 | 642 | 526 | * 310 | 477 |
| Preferred stock..... do. | 112 | 110 | 15 | 67 | 67 | 31 | 70 | 24 | 49 | 25 | 51 | 69 | 111 |
| Common stock..... do. | 30 | 79 | 10 | 29 | 150 | 118 | 108 | 28 | 170 | 21 | 58 | 26 | 50 |
| By types of issuers: | | | | | | | | | | | | | |
| Corporate, total..... do. | 738 | 601 | 248 | 441 | 622 | 561 | 1,078 | 346 | 613 | 688 | 636 | * 405 | 638 |
| Industrial..... do. | 145 | 266 | 81 | 262 | 218 | 504 | 98 | 441 | 126 | 273 | * 158 | 95 | 95 |
| Public utility..... do. | 542 | 311 | 141 | 310 | 308 | 284 | 498 | 167 | 121 | 325 | 269 | 219 | 406 |
| Rail..... do. | 29 | 28 | 23 | 5 | 35 | 37 | 20 | 24 | 35 | 81 | 52 | 24 | 84 |
| Other (real estate and financial)..... do. | 22 | 14 | 3 | 53 | 17 | 22 | 56 | 57 | 16 | 157 | 42 | 4 | 53 |
| Non-corporate, total..... do. | 1,304 | * 1,177 | 802 | 915 | 1,792 | 692 | 960 | 1,030 | 939 | 1,341 | 771 | 764 | 966 |
| U. S. Government..... do. | 1,051 | 790 | 614 | 637 | 1,673 | 589 | 854 | 913 | 718 | 708 | 597 | 574 | 680 |
| Federal agency not guaranteed..... do. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| State and municipal..... do. | 214 | 136 | 188 | 278 | 118 | 103 | 105 | 116 | 220 | 633 | 174 | 190 | 286 |
| Foreign..... do. | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New corporate security issues: | | | | | | | | | | | | | |
| Estimated net proceeds, total..... do. | 727 | 588 | 245 | 434 | 612 | 547 | 1,063 | 340 | 594 | 679 | 626 | * 395 | 625 |
| Proposed uses of proceeds: | | | | | | | | | | | | | |
| New money, total..... do. | 498 | 435 | 118 | 244 | 510 | 425 | 932 | 294 | 546 | 560 | 434 | * 356 | 552 |
| Plant and equipment..... do. | 426 | 370 | 99 | 179 | 388 | 354 | 800 | 193 | 309 | 343 | 534 | 297 | 449 |
| Working capital..... do. | 72 | 64 | 19 | 65 | 122 | 71 | 132 | 101 | 237 | 217 | 100 | 48 | 103 |
| Retirement of debt and stock..... do. | 222 | 129 | 121 | 163 | 78 | 103 | 105 | 32 | 47 | 114 | 166 | 21 | 68 |
| Funded debt..... do. | 164 | 103 | 102 | 184 | 15 | 74 | 91 | 6 | 14 | 83 | 62 | 1 | 0 |
| Other debt..... do. | 15 | 17 | 16 | 9 | 45 | 22 | 12 | 26 | 22 | 30 | 104 | 20 | 43 |
| Preferred stock..... do. | 43 | 9 | 3 | 1 | 18 | 7 | 2 | 0 | 12 | 1 | 0 | 0 | 26 |
| Other purposes..... do. | 6 | 24 | 6 | 26 | 24 | 18 | 26 | 14 | 6 | 6 | 25 | 18 | 5 |
| Proposed uses by major groups: | | | | | | | | | | | | | |
| Industrial, total net proceeds..... do. | 141 | 239 | 79 | 71 | 259 | 213 | 496 | 95 | 425 | 123 | 269 | * 152 | 91 |
| New money..... do. | 96 | 175 | 65 | 45 | 193 | 129 | 422 | 70 | 390 | 83 | 154 | * 120 | 69 |
| Retirement of debt and stock..... do. | 41 | 56 | 13 | 21 | 65 | 71 | 67 | 24 | 35 | 40 | 110 | 19 | 18 |
| Public utility, total net proceeds..... do. | 536 | 307 | 140 | 306 | 303 | 277 | 493 | 164 | 119 | 320 | 265 | 216 | 399 |
| New money..... do. | 353 | 234 | 28 | 157 | 280 | 245 | 480 | 149 | 106 | 281 | 233 | 209 | 363 |
| Retirement of debt and stock..... do. | 181 | 72 | 107 | 136 | 8 | 31 | 12 | 6 | 12 | 36 | 31 | 2 | 36 |
| Railroad, total net proceeds..... do. | 28 | 28 | 23 | 5 | 35 | 37 | 20 | 23 | 34 | 80 | 51 | 24 | 83 |
| New money..... do. | 28 | 28 | 23 | 4 | 31 | 37 | 20 | 23 | 34 | 42 | 32 | 24 | 69 |
| Retirement of debt and stock..... do. | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 37 | 19 | 0 | 14 |
| Real estate and financial, total net proceeds..... mil. of dol. | 21 | 14 | 2 | 61 | 16 | 21 | 54 | 57 | 16 | 157 | 41 | 4 | 52 |
| New money..... do. | 21 | 3 | 2 | 38 | 15 | 9 | 15 | 9 | 15 | 153 | 15 | 3 | 50 |
| Retirement of debt and stock..... do. | (*) | 1 | 1 | 4 | (*) | 1 | 26 | 2 | 1 | (*) | 7 | (*) | (*) |

* Revised. † Preliminary. † Partly estimated. † Includes \$250,000,000 bonds of International Bank. (*) Less than \$500,000.

† See p. 31 of the October 1946 Survey for revised 1941-44 data for 629 companies and the industrial groups. † See note in the April 1946 Survey for revisions in the data for 1944.

† Includes data for nonprofit agencies not shown separately. The July figure includes also \$250,000,000 bonds of International Bank.

* New series. For data for 1929-40 for profits and dividends of 152 companies, see p. 21 of the April 1942 Survey; 1941-44 revisions are available upon request. See note on p. 8-17 of September 1944 Survey for description of series on net income of electric utilities and data beginning third quarter of 1943. For a brief description of the series on bank deposits and currency outside banks and data beginning June 1943, see p. 8-16 of the August 1944 Survey; beginning January 1947 data are for the last Wednesday of the month instead of the end of the month. Data beginning 1939 for turn-over rate of bank deposits and a description of the data will be published later.

† Revised series. There have been unpublished revisions in the 1941-44 data for security issues compiled by the Securities and Exchange Commission, as indicated from time to time in notes in the Survey, revisions in the 1945 data as shown in the September 1946 and earlier issues, and in the 1946 data shown in the November 1947 and earlier issues; all revisions will be published later.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| FINANCE—Continued | | | | | | | | | | | | | |
| SECURITIES ISSUED—Continued | | | | | | | | | | | | | |
| State and municipal issues (Bond Buyer): | | | | | | | | | | | | | |
| Permanent (long term).....thous. of dol.. | 214,749 | 144,801 | 194,220 | 275,006 | 121,034 | 105,875 | 101,195 | 125,763 | 227,408 | 639,938 | * 167,626 | * 196,141 | 293,842 |
| Temporary (short term).....do..... | 49,717 | 136,364 | 30,715 | 77,113 | 85,242 | 23,010 | 148,464 | 77,416 | 79,895 | 103,453 | * 94,387 | * 24,857 | 59,059 |
| COMMODITY MARKETS | | | | | | | | | | | | | |
| Volume of trading in grain futures:† | | | | | | | | | | | | | |
| Wheat.....mil. of bu.. | 358 | 601 | 503 | 847 | 651 | 373 | 424 | 488 | 483 | 454 | 390 | 276 | 279 |
| Corn.....do..... | 531 | 509 | 482 | 393 | 241 | 227 | 282 | 272 | 291 | 280 | 278 | 260 | 284 |
| SECURITY MARKETS | | | | | | | | | | | | | |
| Brokers' Balances (N. Y. S. E. Members Carrying Margin Accounts)‡ | | | | | | | | | | | | | |
| Customers' debit balances (net).....mil. of dol.. | 552 | 564 | 550 | 570 | 606 | 593 | 578 | 568 | 537 | 550 | 572 | 615 | 619 |
| Cash on hand and in banks.....do..... | 395 | | | | | | 393 | | | | | | 332 |
| Money borrowed.....do..... | 222 | 251 | 241 | 280 | 257 | 247 | 240 | 217 | 208 | 229 | 241 | 258 | 283 |
| Customers' free credit balances.....do..... | 650 | 677 | 656 | 630 | 616 | 617 | 612 | 622 | 596 | 592 | 614 | 619 | 576 |
| Bonds | | | | | | | | | | | | | |
| Prices: | | | | | | | | | | | | | |
| Average price of all listed bonds (N. Y. S. E.) | | | | | | | | | | | | | |
| Domestic.....dollars..... | 102.25 | 102.33 | 102.62 | 102.06 | 101.19 | 100.46 | 100.62 | 100.77 | 100.84 | 100.97 | 100.19 | 100.80 | 101.72 |
| Foreign.....do..... | 74.02 | 74.16 | 73.28 | 73.28 | 71.90 | 70.51 | 68.96 | 68.77 | 67.61 | 65.20 | 65.99 | 66.45 | 66.93 |
| Standard and Poor's Corporation: | | | | | | | | | | | | | |
| Industrials, utilities, and railroads: | | | | | | | | | | | | | |
| High grade (15 bonds).....dol. per \$100 bond.. | 122.8 | 122.5 | 122.3 | 121.5 | 120.0 | 118.8 | 117.0 | 117.4 | 117.5 | 118.0 | 118.6 | 118.7 | (b) |
| Medium and lower grade: | | | | | | | | | | | | | |
| Composite (50 bonds).....do..... | 114.3 | 115.7 | 116.1 | 115.1 | 114.0 | 113.3 | 112.5 | 112.4 | 112.4 | 112.1 | 114.1 | 115.6 | (b) |
| Industrials (10 bonds).....do..... | 122.6 | 122.8 | 123.9 | 121.9 | 120.8 | 120.0 | 119.1 | 118.9 | 119.3 | 119.1 | 119.6 | 120.4 | (b) |
| Public utilities (20 bonds).....do..... | 113.0 | 113.8 | 113.9 | 114.1 | 114.3 | 114.7 | 113.9 | 113.7 | 114.1 | 113.5 | 116.4 | 118.9 | (b) |
| Railroads (20 bonds).....do..... | 107.3 | 110.5 | 110.4 | 109.3 | 106.9 | 105.1 | 104.6 | 104.6 | 103.8 | 103.7 | 106.4 | 107.4 | (b) |
| Defaulted (15 bonds).....do..... | 63.4 | 69.6 | 69.6 | 68.6 | 69.4 | 68.1 | (c) | (c) | (c) | (c) | (c) | (c) | (b) |
| Domestic municipals (15 bonds)†.....do..... | 134.4 | 134.7 | 134.3 | 134.4 | 132.5 | 129.4 | 126.2 | 124.5 | 122.6 | 123.1 | 125.7 | 127.0 | 127.8 |
| U. S. Treasury bonds (taxable)†.....do..... | 104.1 | 103.8 | 103.9 | 104.0 | 103.4 | 102.1 | 101.6 | 100.7 | 100.7 | 100.8 | 100.8 | 101.2 | 101.2 |
| Sales (Securities and Exchange Commission): | | | | | | | | | | | | | |
| Total on all registered exchanges: | | | | | | | | | | | | | |
| Market value \$.....thous. of dol.. | 67,490 | 85,253 | 64,886 | 60,326 | 85,862 | 63,949 | 145,181 | 98,892 | 60,126 | 67,055 | 87,151 | 87,363 | 90,704 |
| Face value \$.....do..... | 88,531 | 109,385 | 81,063 | 80,312 | 121,655 | 87,497 | 186,213 | 134,381 | 84,508 | 95,180 | 132,634 | 119,745 | 123,899 |
| On New York Stock Exchange: | | | | | | | | | | | | | |
| Market value \$.....do..... | 58,248 | 76,972 | 56,618 | 51,284 | 78,192 | 59,511 | 137,971 | 93,971 | 56,161 | 62,799 | 81,942 | 83,047 | 85,560 |
| Face value \$.....do..... | 78,115 | 99,723 | 70,705 | 69,316 | 112,210 | 81,663 | 178,255 | 128,055 | 79,154 | 89,511 | 125,834 | 113,325 | 117,483 |
| Exclusive of stopped sales (N. Y. S. E.) face value, total.....thous. of dol.. | 70,077 | 96,661 | 60,490 | 73,440 | 105,990 | 81,823 | 141,873 | 111,380 | 69,745 | 85,367 | 114,479 | 108,954 | 104,021 |
| U. S. Government.....do..... | 386 | 1,152 | 14 | 73 | 219 | 39 | 125 | 185 | 16 | 79 | 51 | 52 | 60 |
| Other than U. S. Government, total.....do..... | 69,691 | 95,509 | 60,476 | 73,367 | 105,771 | 81,784 | 141,748 | 111,195 | 69,729 | 85,288 | 114,428 | 108,902 | 103,760 |
| Domestic.....do..... | 63,590 | 76,937 | 52,588 | 63,949 | 95,246 | 73,830 | 131,041 | 102,419 | 63,511 | 74,326 | 106,223 | 99,580 | 96,286 |
| Foreign.....do..... | 6,101 | 5,101 | 5,216 | 7,344 | 9,265 | 6,431 | 8,581 | 7,013 | 5,846 | 10,721 | 7,931 | 8,975 | 7,474 |
| Value, issues listed on N. Y. S. E.: | | | | | | | | | | | | | |
| Face value, all issues.....mil. of dol.. | 137,058 | * 137,563 | * 137,628 | * 137,666 | * 136,711 | * 136,879 | * 136,727 | * 136,543 | * 136,531 | * 134,201 | * 134,297 | * 134,300 | * 131,148 |
| Domestic.....do..... | 134,932 | 135,175 | 135,210 | 135,281 | 134,346 | 134,556 | 134,347 | 134,170 | 131,835 | 131,931 | 131,931 | 131,931 | 129,116 |
| Foreign.....do..... | 2,126 | 2,138 | 2,168 | 2,115 | 2,073 | 2,130 | 2,120 | 2,111 | 2,116 | 2,116 | 2,116 | 2,119 | 2,115 |
| Market value, all issues.....do..... | 140,148 | * 140,763 | * 141,236 | * 140,499 | * 138,336 | * 137,509 | * 136,207 | * 136,232 | * 136,313 | * 134,167 | * 134,546 | * 135,370 | * 133,746 |
| Domestic.....do..... | 138,574 | 138,923 | 139,394 | 138,715 | 136,568 | 135,804 | 134,500 | 134,537 | 134,645 | 132,544 | 132,903 | 133,714 | 132,085 |
| Foreign.....do..... | 1,574 | 1,585 | 1,589 | 1,521 | 1,462 | 1,469 | 1,468 | 1,468 | 1,427 | 1,379 | 1,396 | 1,408 | 1,415 |
| Yields: | | | | | | | | | | | | | |
| Domestic corporate (Moody's).....percent.. | 2.81 | 2.80 | 2.80 | 2.85 | 2.95 | 3.02 | 3.12 | 3.12 | 3.12 | 3.10 | 3.05 | 3.02 | 2.99 |
| By ratings: | | | | | | | | | | | | | |
| Aaa.....do..... | 2.55 | 2.55 | 2.56 | 2.61 | 2.70 | 2.77 | 2.86 | 2.86 | 2.85 | 2.83 | 2.78 | 2.76 | 2.75 |
| Aa.....do..... | 2.64 | 2.64 | 2.64 | 2.69 | 2.79 | 2.85 | 2.94 | 2.94 | 2.93 | 2.90 | 2.87 | 2.86 | 2.85 |
| A.....do..... | 2.83 | 2.82 | 2.81 | 2.86 | 2.95 | 3.01 | 3.16 | 3.17 | 3.17 | 3.13 | 3.08 | 3.06 | 3.03 |
| Baa.....do..... | 3.21 | 3.18 | 3.17 | 3.23 | 3.35 | 3.44 | 3.52 | 3.52 | 3.53 | 3.53 | 3.47 | 3.38 | 3.34 |
| By groups: | | | | | | | | | | | | | |
| Industrials.....do..... | 2.60 | 2.62 | 2.63 | 2.67 | 2.76 | 2.84 | 2.92 | 2.91 | 2.90 | 2.89 | 2.85 | 2.82 | 2.80 |
| Public utilities.....do..... | 2.72 | 2.72 | 2.72 | 2.78 | 2.87 | 2.93 | 3.02 | 3.03 | 3.03 | 3.01 | 2.97 | 2.95 | 2.96 |
| Railroads.....do..... | 3.10 | 3.06 | 3.03 | 3.09 | 3.22 | 3.30 | 3.42 | 3.44 | 3.43 | 3.40 | 3.34 | 3.27 | 3.22 |
| Domestic municipals: | | | | | | | | | | | | | |
| Bond Buyer (20 cities).....do..... | 1.81 | 1.81 | 1.83 | 1.84 | 1.97 | 2.09 | 2.35 | 2.40 | 2.48 | 2.42 | 2.34 | 2.23 | 2.77 |
| Standard and Poor's Corp. (15 bonds).....do..... | 1.92 | 1.91 | 1.93 | 1.92 | 2.02 | 2.18 | 2.35 | 2.45 | 2.55 | 2.52 | 2.38 | 2.31 | 2.26 |
| U. S. Treasury bonds, taxable†.....do..... | 2.22 | 2.25 | 2.24 | 2.24 | 2.27 | 2.36 | 2.39 | 2.45 | 2.45 | 2.45 | 2.44 | 2.42 | 2.41 |
| Stocks | | | | | | | | | | | | | |
| Dividends: | | | | | | | | | | | | | |
| Cash dividend payments and rates, 600 cos., Moody's: | | | | | | | | | | | | | |
| Total annual payments at current rates.....mil. of dol.. | 2,310 | 2,329 | 2,348 | 2,358 | 2,387 | 2,463 | 2,473 | 2,482 | 2,482 | 2,511 | 2,539 | (c) | (c) |
| Number of shares, adjusted.....millions..... | 954.65 | 954.65 | 954.65 | 954.65 | 954.65 | 954.65 | 954.65 | 954.65 | 954.65 | 954.65 | 954.65 | 954.65 | (c) |
| Dividend rate per share (weighted average).....dollars..... | 2.42 | 2.44 | 2.46 | 2.47 | 2.50 | 2.58 | 2.59 | 2.60 | 2.60 | 2.63 | 2.66 | (c) | (c) |
| Banks (21 cos.).....do..... | 3.21 | 3.21 | 3.21 | 3.21 | 3.21 | 3.21 | 3.21 | 3.21 | 3.21 | 3.21 | 3.21 | (c) | (c) |
| Industrials (492 cos.).....do..... | 2.51 | 2.52 | 2.55 | 2.56 | 2.62 | 2.72 | 2.75 | 2.76 | 2.77 | 2.79 | 2.83 | (c) | (c) |
| Insurance (21 cos.).....do..... | 2.59 | 2.59 | 2.59 | 2.59 | 2.59 | 2.59 | 2.59 | 2.59 | 2.59 | 2.59 | 2.59 | (c) | (c) |
| Public utilities (36 cos.).....do..... | 1.98 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 2.00 | 2.00 | 2.00 | 2.00 | (c) | (c) |
| Railroads (36 cos.).....do..... | 2.66 | 2.67 | 2.68 | 2.68 | 2.63 | 2.67 | 2.66 | 2.66 | 2.66 | 2.68 | 2.68 | (c) | (c) |
| Cash dividend payments publicly reported:* | | | | | | | | | | | | | |
| Total dividend payments.....mil. of dol.. | 662.2 | 451.4 | 192.6 | 573.2 | 427.4 | 176.9 | 1,139.6 | 527.8 | 199.4 | 595.5 | 456.0 | 168.9 | 725.6 |
| Manufacturing.....do..... | 389.5 | 197.9 | 100.2 | 362.4 | 199.6 | 101.2 | 726.9 | 224.9 | 99.3 | 370.0 | 196.1 | 93.8 | 653.8 |
| Mining.....do..... | 65.8 | 11.9 | 1.9 | 55.7 | 6.9 | 1.3 | 99.9 | 6.6 | 1.4 | 40.4 | 6.8 | 2.4 | 75.6 |
| Trade.....do..... | 39.4 | 29.6 | 9.3 | 40.6 | 36.7 | 8.5 | 67.3 | 55.9 | 17.1 | 43.5 | 42.1 | 7.6 | 40.1 |
| Finance.....do..... | 54.3 | 92.8 | 36.7 | 31.7 | 60.6 | 23.2 | 98.7 | 100.5 | 33.7 | 34.0 | 62.9 | 23.6 | 58.9 |
| Railroads.....do..... | 34.2 | 11.1 | 6.1 | 17.0 | 13.2 | 4.0 | 51.3 | 23.7 | 8.2 | 22.4 | 30.1 | 3.0 | 38.9 |
| Heat, light, and power.....do..... | 50.0 | 43.7 | 32.9 | 35.5 | 47.7 | 35.9 | 46.0 | 50.5 | 37.2 | 56.0 | 52.5 | 35.3 | 43.5 |
| Communications.....do..... | 10.5 | 51.5 | .3 | 10.9 | 50.7 | .3 | 13.1 | 53.7 | .3 | 10.6 | 54.3 | .3 | 14.6 |
| Miscellaneous.....do..... | 18.5 | 12.9 | 5.2 | 19.4 | 12.0 | 2.5 | 36.4 | 12.0 | 2.2 | 18.6 | 11.2 | 2.9 | 23.7 |

* Revised. †Data continue series in the 1942 Supplement. ‡Discontinued. §No comparable data. ¶Prices of bonds of the International Bank are included in averages.
 * Includes sales of bonds of International Banks as follows: 1947—July, \$13,471,000; August, \$2,672,000; September, \$2,074,000; October, \$1,260,000; November, \$1,523,000; December, \$2,126,000; 1948—January, \$1,763,000; February, \$372,000; March, \$241,000; April, \$274,000; May, \$347,000; June, \$201,000.
 † Includes bonds of International Bank as follows:—Face value—July 1947 to June 1948, \$250,000,000; market value—1947: July, \$255,000,000; August, \$253,000,000; September, \$251,000,000; October, \$248,000,000; November, \$244,000,000; December, \$238,000,000; 1948: January, \$237,000,000; February, \$241,000,000; March, \$244,000,000; April, \$247,000,000; May, \$248,000,000; June, \$245,000,000.
 ‡ Since March 18, 1944, United States Government bonds have not been included. ¶ See note in September 1947 Survey for source of data.
 * New series. Data for dividend payments for 1941-44 are available on p. 20 of the February 1944 Survey and p. 31 of the February 1947 issue. Revised data for January 1947 will be shown in a later issue.
 † Revised series. For explanation of revision in the series for municipal bonds and data beginning February 1942, see p. S-19 of the April 1943 Survey; earlier

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-----------|---------|----------|----------|---------|----------|--------|--------|--------|--------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| FINANCE—Continued | | | | | | | | | | | | | |
| SECURITY MARKETS—Continued | | | | | | | | | | | | | |
| Stocks—Continued | | | | | | | | | | | | | |
| Dividends—Continued | | | | | | | | | | | | | |
| Dividend yields:† | | | | | | | | | | | | | |
| Common stocks (200), Moody's..... percent.. | 5.2 | 5.0 | 5.2 | 5.3 | 5.2 | 5.5 | 5.4 | 5.6 | 5.9 | 5.6 | 5.5 | 5.3 | 5.3 |
| Banks (15 stocks)..... do. | 4.6 | 4.4 | 4.4 | 4.5 | 4.5 | 4.7 | 4.7 | 4.6 | 4.8 | 4.6 | 4.5 | 4.4 | 4.5 |
| Industrials (125 stocks)..... do. | 5.1 | 4.9 | 5.1 | 5.2 | 5.2 | 5.5 | 5.4 | 5.7 | 6.0 | 5.6 | 5.5 | 5.3 | 5.3 |
| Insurance (10 stocks)..... do. | 3.5 | 3.6 | 3.7 | 3.7 | 3.6 | 3.6 | 3.5 | 3.5 | 3.6 | 3.4 | 3.3 | 3.1 | 3.3 |
| Public utilities (25 stocks)..... do. | 5.5 | 5.5 | 5.5 | 5.6 | 5.6 | 6.0 | 6.0 | 5.9 | 6.0 | 6.0 | 5.9 | 5.8 | 5.8 |
| Railroads (25 stocks)..... do. | 6.4 | 5.9 | 6.1 | 6.2 | 6.2 | 6.3 | 5.8 | 5.8 | 6.1 | 5.9 | 5.6 | 5.2 | 5.3 |
| Preferred stocks, high-grade (15 stocks), Standard and Poor's Corporation..... percent.. | 3.76 | 3.72 | 3.71 | 3.72 | 3.86 | 4.01 | 4.07 | 4.13 | 4.18 | 4.12 | 4.12 | 4.09 | 4.04 |
| Prices: | | | | | | | | | | | | | |
| Average price of all listed shares (N. Y. S. E.) Dec. 31, 1924=100.. | 77.3 | 80.3 | 78.3 | 77.5 | 78.7 | 75.8 | 76.8 | 73.9 | 70.5 | 75.5 | 78.0 | 82.8 | 82.3 |
| Dow-Jones & Co. (65 stocks)..... dol. per share.. | 61.26 | 65.32 | 64.36 | 63.39 | 63.93 | 63.98 | 63.66 | 63.61 | 60.91 | 61.75 | 66.03 | 69.11 | 70.61 |
| Industrials (30 stocks)..... do. | 173.76 | 183.51 | 180.08 | 176.82 | 181.92 | 181.42 | 179.18 | 176.26 | 168.47 | 169.94 | 180.05 | 186.38 | 191.05 |
| Public utilities (15 stocks)..... do. | 33.98 | 35.61 | 35.58 | 35.25 | 35.48 | 34.10 | 33.04 | 33.06 | 31.95 | 32.24 | 33.75 | 35.16 | 35.73 |
| Railroads (20 stocks)..... do. | 44.86 | 49.39 | 48.73 | 48.10 | 49.44 | 47.79 | 49.46 | 51.44 | 49.19 | 50.64 | 56.03 | 60.32 | 61.37 |
| Standard and Poor's Corporation: | | | | | | | | | | | | | |
| Industrials, utilities, and railroads: | | | | | | | | | | | | | |
| Combined index (402 stocks)..... 1935-39=100.. | 119.1 | 126.0 | 124.4 | 123.1 | 125.1 | 123.6 | 122.4 | 120.1 | 114.2 | 116.4 | 124.6 | 130.2 | 135.1 |
| Industrials (354 stocks)..... do. | 124.1 | 131.7 | 130.2 | 128.4 | 131.1 | 130.3 | 129.2 | 126.0 | 119.2 | 121.8 | 130.8 | 136.9 | 142.7 |
| Capital goods (116 stocks)..... do. | 111.9 | 118.9 | 117.1 | 115.7 | 119.2 | 118.9 | 117.5 | 115.0 | 108.9 | 111.4 | 119.9 | 125.0 | 129.8 |
| Consumer's goods (191 stocks)..... do. | 126.4 | 134.6 | 132.4 | 130.5 | 132.8 | 131.1 | 128.4 | 125.1 | 117.8 | 118.9 | 125.6 | 131.1 | 135.3 |
| Public utilities (28 stocks)..... do. | 100.8 | 102.2 | 101.4 | 102.0 | 101.0 | 97.2 | 94.0 | 95.1 | 92.6 | 93.0 | 96.2 | 99.2 | 100.6 |
| Railroads (20 stocks)..... do. | 97.6 | 108.2 | 105.2 | 103.6 | 104.2 | 100.1 | 103.9 | 106.5 | 101.9 | 105.2 | 115.2 | 122.6 | 125.6 |
| Banks, N. Y. C. (19 stocks)..... do. | 94.7 | 97.3 | 98.0 | 97.5 | 96.7 | 94.8 | 91.0 | 93.9 | 91.2 | 92.5 | 94.2 | 97.5 | 96.6 |
| Fire and marine insurance (18 stocks)..... do. | 117.0 | 120.5 | 116.1 | 114.0 | 116.4 | 117.3 | 116.9 | 119.6 | 117.7 | 119.5 | 125.4 | 131.1 | 132.7 |
| Sales (Securities and Exchange Commission): | | | | | | | | | | | | | |
| Total on all registered exchanges: | | | | | | | | | | | | | |
| Market value..... mil. of dol. | 813 | 1,062 | 728 | 722 | 1,230 | 812 | 1,178 | 924 | 777 | 897 | 1,433 | 1,717 | 1,456 |
| Shares sold..... thousands.. | 35,588 | 45,845 | 29,662 | 31,649 | 55,736 | 37,277 | 53,160 | 40,123 | 34,336 | 41,447 | 63,059 | 77,141 | 62,659 |
| On New York Stock Exchange: | | | | | | | | | | | | | |
| Market value..... mil. of dol. | 677 | 900 | 624 | 611 | 1,043 | 681 | 1,003 | 785 | 659 | 759 | 1,219 | 1,468 | 1,225 |
| Shares sold..... thousands.. | 23,882 | 33,259 | 21,600 | 21,556 | 40,620 | 26,326 | 38,688 | 28,696 | 24,704 | 29,774 | 45,304 | 57,504 | 46,322 |
| Exclusive of odd lot and stopped sales (N. Y. Times)..... thousands.. | 17,483 | 25,473 | 14,153 | 16,017 | 28,635 | 16,371 | 27,605 | 20,218 | 16,801 | 22,993 | 34,613 | 42,769 | 30,922 |
| Shares listed, N. Y. S. E.: | | | | | | | | | | | | | |
| Market value, all listed shares..... mil. of dol. | 66,548 | 69,365 | 68,184 | 67,522 | 68,884 | 67,026 | 68,313 | 66,090 | 63,158 | 67,757 | 70,262 | 74,704 | 74,507 |
| Number of shares listed..... millions.. | 1,829 | 1,847 | 1,862 | 1,870 | 1,879 | 1,896 | 1,907 | 1,923 | 1,928 | 1,933 | 1,938 | 1,962 | 1,977 |

FOREIGN TRADE

| INDEXES | | | | | | | | | | | | | |
|--------------------------------------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|-------|
| Exports of U. S. merchandise: | | | | | | | | | | | | | |
| Quantity..... 1923-25=100.. | 274 | 262 | 255 | 242 | 263 | 237 | 229 | * 213 | 208 | 223 | 219 | 216 | ----- |
| Value..... do. | 351 | 337 | 337 | 315 | 346 | 315 | 312 | 290 | 289 | 304 | * 299 | 293 | ----- |
| Unit value..... do. | 128 | 129 | 132 | 130 | 131 | 133 | 136 | * 137 | 139 | 136 | 136 | 136 | ----- |
| Imports for consumption: | | | | | | | | | | | | | |
| Quantity..... do. | 124 | 118 | 108 | 126 | 136 | 118 | 143 | 140 | 141 | 154 | 126 | 132 | ----- |
| Value..... do. | 147 | 139 | 127 | 148 | 158 | 141 | 176 | 175 | 180 | 200 | * 165 | 170 | ----- |
| Unit value..... do. | 119 | 118 | 118 | 118 | 117 | 120 | 124 | * 125 | 128 | 130 | * 131 | 130 | ----- |
| Agricultural products, quantity:‡ | | | | | | | | | | | | | |
| Exports, domestic, total: | | | | | | | | | | | | | |
| Unadjusted..... 1924-29=100.. | 111 | 98 | 98 | 98 | 105 | * 89 | * 93 | 86 | 85 | 91 | 80 | 79 | ----- |
| Adjusted..... do. | 145 | 127 | 94 | 82 | 80 | 81 | * 80 | 87 | 104 | 103 | 101 | 99 | ----- |
| Total, excluding cotton: | | | | | | | | | | | | | |
| Unadjusted..... do. | 173 | 178 | 184 | 172 | 183 | * 154 | * 147 | 134 | 139 | 143 | 133 | 124 | ----- |
| Adjusted..... do. | 205 | 220 | 170 | 143 | 144 | 143 | * 133 | 142 | 175 | 162 | 163 | 146 | ----- |
| Imports for consumption: | | | | | | | | | | | | | |
| Unadjusted..... do. | 93 | 84 | 74 | 93 | 101 | 89 | 114 | 123 | 111 | 124 | 86 | 96 | ----- |
| Adjusted..... do. | 100 | 93 | 80 | 98 | 102 | 96 | 118 | 115 | 107 | 109 | 80 | 99 | ----- |
| SHIPPING WEIGHT* | | | | | | | | | | | | | |
| Exports, including reexports..... mil. of lb. | 24,938 | 22,745 | 27,418 | 23,692 | 23,432 | 20,564 | 14,728 | 12,984 | 11,900 | * 11,480 | 10,609 | ----- | ----- |
| General imports..... do. | 10,103 | 11,264 | 10,530 | 9,799 | 9,978 | 9,258 | 10,101 | 8,868 | 9,348 | 11,281 | 9,948 | ----- | ----- |
| VALUE§ | | | | | | | | | | | | | |
| Exports, total, including reexports..... mil. of dol. | 1,320 | 1,265 | 1,265 | 1,185 | 1,303 | 1,185 | 1,172 | 1,091 | 1,086 | 1,141 | 1,123 | 1,103 | 1,013 |
| Commercial..... do. | 1,195 | 1,121 | 1,111 | 1,068 | 1,198 | 1,095 | 1,046 | 925 | 920 | 943 | 936 | 921 | ----- |
| Foreign aid and relief..... do. | 125 | 143 | 153 | 117 | 105 | 90 | 126 | 165 | 166 | 197 | 187 | 182 | ----- |
| By geographic regions: | | | | | | | | | | | | | |
| Africa..... thous. of dol. | * 74,866 | 65,751 | 70,434 | 65,763 | 76,702 | 72,184 | 57,831 | 68,967 | 62,374 | 66,150 | 78,633 | 63,827 | ----- |
| Asia and Oceania..... do. | 253,317 | 240,882 | 227,822 | 191,747 | 217,647 | 209,155 | 225,646 | 187,734 | 195,429 | 190,621 | 201,102 | 193,251 | ----- |
| Europe..... do. | * 480,422 | 470,952 | 470,735 | 448,436 | 446,833 | 404,312 | 403,845 | 400,861 | 398,660 | 409,202 | 374,356 | 352,650 | ----- |
| Northern North America..... do. | * 191,598 | 170,456 | 174,009 | 176,795 | 202,776 | 180,983 | 151,105 | 138,356 | 141,514 | 151,286 | 150,817 | 171,622 | ----- |
| Southern North America..... do. | * 127,000 | 130,155 | 126,057 | 124,762 | 164,066 | 149,793 | 161,485 | 118,606 | 115,418 | 126,105 | 127,878 | 149,339 | ----- |
| Southern America..... do. | * 193,067 | 187,537 | 197,148 | 176,736 | 195,824 | 179,001 | 197,889 | 176,156 | 174,884 | 197,977 | 188,945 | 172,548 | ----- |
| Total exports by leading countries: | | | | | | | | | | | | | |
| Europe: | | | | | | | | | | | | | |
| France..... do. | 75,102 | 65,096 | 56,841 | 64,545 | 58,248 | 57,780 | 59,556 | 70,859 | 57,195 | 64,467 | 59,387 | 69,383 | ----- |
| Germany..... do. | * 54,479 | 71,841 | 58,359 | 44,985 | 44,858 | 34,337 | 43,963 | 62,015 | 61,209 | 91,537 | 88,641 | 61,514 | ----- |
| Italy..... do. | 51,758 | 27,203 | 31,457 | 38,445 | 36,812 | 40,774 | 33,199 | 35,711 | 40,165 | 41,212 | 45,730 | 47,894 | ----- |
| United of Soviet Socialist Republics (Russia)..... do. | * 7,656 | 15,742 | 4,051 | 3,032 | 9,158 | 10,384 | 15,423 | 7,479 | 5,175 | 8,161 | 3,981 | 204 | ----- |
| United Kingdom..... thous. of dol. | * 97,490 | 95,292 | 95,705 | 89,789 | 94,513 | 62,704 | 58,373 | 72,397 | 60,127 | 51,704 | 43,604 | 45,726 | ----- |

* Revised. † Revisions prior to May 1947 for public utilities and railroads and minor revisions for other series will be published later.

‡ The indexes for exports of agricultural products and the other indicated export series were revised in the May 1948 and the April 1948 issue, respectively, to include Army civilian supply shipments (see explanation in note marked "\$"); revised figures for January or February 1947 are given in notes in the indicated issues.

§ The publication of practically all series on foreign trade included in the 1942 Supplement but suspended during the war was resumed in May 1946 Survey. Revised 1941 figures for total exports of U. S. merchandise and total imports are shown on p. 22 of the June 1944 Survey; revised figures for 1942-43 for the totals and revised figures for 1941 and later data through February 1945 for other series will be shown later. Export statistics cover all merchandise shipped from the U. S. customs area, with the exception of shipments to the Armed Forces for their own use, including commercial trade, lend-lease exports, shipments to U. S. agencies abroad (since June 1945), and relief shipments. Figures published in the March 1948 Survey and earlier issues exclude all shipments to the U. S. Armed Forces and therefore exclude goods that reached foreign civilians through them; data for such shipments of civilian goods, with the exception of shipments of petroleum and petroleum products other than asphalt for road building, are now available beginning January 1947 and are included in figures shown in this issue.

* New series. See note in March 1948 Survey for explanation of series on shipping weight. Commercial exports represent total exports less lend-lease exports and shipments designated "foreign aid and relief"; the latter includes shipments under the U. S. Foreign Aid, Interim Aid, Greek-Turkish Aid, Economic Cooperation Administration, and UNRRA programs and Army civilian supply shipments (see note marked "\$"). Commercial exports therefore include private relief shipments as well as commercial trade and shipments to U. S. Government agencies abroad. Small amounts under the lend-lease program, which was practically completed in 1947, are included in total exports but not shown separately; separate figures are available, however, in the March 1948 and earlier issues.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|---------|-------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| FOREIGN TRADE—Continued | | | | | | | | | | | | | |
| VALUE\$—Continued | | | | | | | | | | | | | |
| Total exports by leading countries—Continued | | | | | | | | | | | | | |
| North and South America: | | | | | | | | | | | | | |
| Canada..... | 187,004 | 166,048 | 170,520 | 172,644 | 198,557 | 176,158 | 146,008 | 136,736 | 139,200 | 148,768 | 148,416 | 168,649 | ----- |
| Latin American Republics, total..... | 305,381 | 302,961 | 309,065 | 288,100 | 342,698 | 313,490 | 345,225 | 280,734 | 270,615 | 306,287 | 298,848 | 303,892 | ----- |
| Argentina..... | 57,761 | 55,687 | 74,428 | 64,980 | 59,451 | 58,026 | 59,438 | 51,065 | 48,249 | 48,579 | 45,312 | 38,401 | ----- |
| Brazil..... | 49,977 | 50,127 | 45,204 | 40,258 | 52,822 | 45,525 | 56,221 | 45,836 | 45,684 | 63,144 | 46,154 | 43,023 | ----- |
| Chile..... | 17,322 | 10,487 | 10,584 | 8,519 | 11,605 | 8,818 | 9,873 | 8,028 | 5,969 | 5,662 | 7,028 | 5,342 | ----- |
| Colombia*..... | 47,170 | 32,740 | 33,249 | 12,275 | 17,934 | 18,297 | 20,579 | 19,099 | 20,438 | 20,604 | 21,913 | 20,353 | ----- |
| Cuba..... | 46,883 | 51,399 | 44,713 | 35,073 | 48,450 | 51,383 | 45,938 | 33,789 | 37,017 | 39,325 | 40,207 | 50,130 | ----- |
| Mexico..... | 35,430 | 34,947 | 31,364 | 33,872 | 37,059 | 50,972 | 60,267 | 44,017 | 36,793 | 45,655 | 47,132 | 45,810 | ----- |
| Venezuela*..... | 20,678 | 26,364 | 23,822 | 19,752 | 21,314 | 19,869 | 21,373 | 14,203 | 9,706 | 9,201 | 6,446 | 8,788 | ----- |
| Other regions: | 5,205 | 7,796 | 5,619 | 5,783 | 5,968 | 5,742 | 6,925 | 6,733 | 7,962 | 6,888 | 11,177 | 10,760 | ----- |
| Australia (incl. New Guinea)..... | 55,573 | 39,349 | 19,678 | 12,085 | 11,947 | 15,694 | 18,761 | 17,949 | 21,891 | 23,486 | 31,364 | 35,494 | ----- |
| China..... | 6,473 | 5,284 | 5,383 | 6,397 | 3,935 | 4,718 | 3,514 | 2,459 | 3,058 | 2,862 | 3,455 | 2,314 | ----- |
| Egypt..... | 55,713 | 28,166 | 24,536 | 29,100 | 31,732 | 26,076 | 32,133 | 29,354 | 18,006 | 18,463 | 32,762 | 25,005 | ----- |
| India and Pakistan..... | 28,162 | 45,080 | 56,224 | 33,763 | 32,755 | 38,660 | 46,771 | 30,230 | 37,888 | 24,108 | 11,797 | 12,093 | ----- |
| Japan..... | 9,302 | 8,103 | 6,236 | 4,821 | 5,473 | 8,728 | 5,556 | 6,967 | 5,536 | 6,265 | 8,308 | 7,435 | ----- |
| Netherlands Indies..... | 29,313 | 30,694 | 32,689 | 35,905 | 41,538 | 40,142 | 40,630 | 42,682 | 43,584 | 41,540 | 41,851 | 39,530 | ----- |
| Republic of the Philippines..... | 36,437 | 34,698 | 36,789 | 29,911 | 35,828 | 34,219 | 32,754 | 38,273 | 36,698 | 36,626 | 49,593 | 40,484 | ----- |
| Union of South Africa..... | 1,307 | 1,253 | 1,254 | 1,175 | 1,286 | 1,173 | 1,164 | 1,082 | 1,076 | 1,130 | 1,113 | 1,092 | 1,003 |
| Exports of U. S. merchandise, total..... | 1,307 | 1,253 | 1,254 | 1,175 | 1,286 | 1,173 | 1,164 | 1,082 | 1,076 | 1,130 | 1,113 | 1,092 | 1,003 |
| By economic classes: | | | | | | | | | | | | | |
| Crude materials..... | 154,067 | 102,604 | 120,786 | 128,471 | 140,387 | 122,910 | 125,944 | 112,209 | 108,391 | 108,369 | 86,371 | 125,924 | ----- |
| Crude foodstuffs..... | 93,594 | 103,935 | 138,639 | 105,188 | 103,710 | 102,196 | 118,375 | 99,125 | 118,742 | 96,744 | 89,745 | 75,431 | ----- |
| Manufactured foodstuffs and beverages..... | 169,121 | 178,408 | 139,563 | 138,100 | 148,997 | 126,382 | 100,350 | 118,126 | 100,983 | 132,442 | 128,697 | 129,419 | ----- |
| Semimanufactures..... | 162,282 | 156,973 | 170,139 | 150,667 | 156,092 | 145,412 | 135,802 | 130,324 | 120,843 | 129,985 | 122,428 | 121,116 | ----- |
| Finished manufactures..... | 727,707 | 710,034 | 685,806 | 682,283 | 736,853 | 676,453 | 683,446 | 620,724 | 626,489 | 663,026 | 684,134 | 640,029 | ----- |
| By principal commodities: | | | | | | | | | | | | | |
| Agricultural products, total..... | 342,407 | 320,381 | 308,596 | 290,208 | 308,969 | 283,075 | 290,058 | 281,759 | 281,195 | 295,990 | 274,601 | 272,568 | ----- |
| Cotton, unmanufactured..... | 50,060 | 13,165 | 5,714 | 18,227 | 21,924 | 24,525 | 37,467 | 42,653 | 33,620 | 45,886 | 31,282 | 40,439 | ----- |
| Fruits, vegetables and preparations..... | 19,045 | 25,549 | 22,006 | 25,975 | 29,233 | 27,074 | 29,381 | 20,512 | 28,424 | 35,063 | 27,754 | 25,297 | ----- |
| Grains and preparations..... | 164,243 | 174,264 | 178,628 | 146,190 | 144,433 | 135,433 | 137,566 | 147,400 | 141,755 | 127,640 | 132,877 | 131,534 | ----- |
| Packaging house products..... | 24,285 | 18,901 | 20,754 | 25,459 | 19,185 | 20,568 | 13,703 | 12,383 | 14,429 | 21,925 | 9,235 | 9,873 | ----- |
| Nonagricultural products, total..... | 664,454 | 932,573 | 945,677 | 884,492 | 977,070 | 888,485 | 873,489 | 798,796 | 794,480 | 834,587 | 836,840 | 819,414 | ----- |
| Automobiles, parts and accessories..... | 90,132 | 89,483 | 101,078 | 90,859 | 98,426 | 83,163 | 86,321 | 76,497 | 72,157 | 83,819 | 90,012 | 74,898 | ----- |
| Chemicals and related products..... | 73,104 | 76,915 | 76,604 | 67,286 | 73,921 | 69,481 | 70,799 | 63,020 | 66,275 | 72,495 | 70,935 | 67,922 | ----- |
| Copper and manufactures..... | 8,673 | 7,453 | 11,210 | 10,079 | 11,036 | 12,589 | 11,487 | 10,384 | 9,188 | 13,982 | 11,102 | 11,102 | ----- |
| Iron and steel and their products..... | 70,680 | 66,906 | 67,311 | 66,851 | 75,662 | 72,224 | 75,473 | 67,058 | 61,026 | 63,708 | 57,821 | 51,347 | ----- |
| Machinery..... | 194,513 | 201,331 | 182,820 | 175,768 | 209,648 | 204,882 | 215,563 | 207,331 | 198,452 | 214,174 | 216,286 | 201,453 | ----- |
| Agricultural..... | 27,624 | 26,163 | 28,474 | 26,284 | 29,358 | 27,556 | 29,373 | 28,606 | 28,566 | 33,005 | 37,824 | 33,484 | ----- |
| Electrical..... | 48,184 | 49,489 | 43,500 | 42,784 | 51,624 | 49,123 | 47,834 | 42,821 | 46,159 | 48,987 | 50,128 | 47,560 | ----- |
| Metal working..... | 15,201 | 17,909 | 13,769 | 13,333 | 15,760 | 15,678 | 16,615 | 13,352 | 14,900 | 15,980 | 14,437 | 11,685 | ----- |
| Other industrial..... | 94,321 | 98,055 | 86,326 | 82,378 | 100,014 | 99,539 | 109,028 | 103,673 | 96,006 | 104,173 | 101,772 | 97,426 | ----- |
| Petroleum and products..... | 59,225 | 63,976 | 57,284 | 53,232 | 55,576 | 51,324 | 52,331 | 47,277 | 44,164 | 49,441 | 58,845 | 60,388 | ----- |
| General imports, total..... | 463 | 450 | 400 | 473 | 492 | 455 | 603 | 546 | 582 | 666 | 527 | 549 | 616 |
| By geographic regions: | | | | | | | | | | | | | |
| Africa..... | 24,190 | 14,799 | 24,402 | 43,850 | 24,242 | 26,179 | 49,734 | 26,523 | 45,513 | 44,454 | 29,279 | 35,506 | ----- |
| Asia and Oceania..... | 100,455 | 95,751 | 56,798 | 77,879 | 88,412 | 92,762 | 120,017 | 124,149 | 122,002 | 139,029 | 111,795 | 112,308 | ----- |
| Europe..... | 69,623 | 71,730 | 64,126 | 76,796 | 78,847 | 66,975 | 78,717 | 79,149 | 85,649 | 98,967 | 80,747 | 83,463 | ----- |
| Northern North America..... | 96,640 | 90,547 | 88,616 | 101,121 | 108,485 | 94,319 | 121,309 | 105,839 | 101,552 | 128,911 | 114,511 | 120,202 | ----- |
| Southern North America..... | 93,890 | 91,853 | 78,839 | 77,409 | 71,482 | 71,417 | 93,376 | 60,230 | 93,771 | 114,962 | 88,233 | 84,892 | ----- |
| South America..... | 78,188 | 84,927 | 87,538 | 103,370 | 120,051 | 103,247 | 137,341 | 149,901 | 133,529 | 139,898 | 102,617 | 112,893 | ----- |
| By leading countries: | | | | | | | | | | | | | |
| Europe: | 3,287 | 3,411 | 2,807 | 3,408 | 3,493 | 4,515 | 3,053 | 4,863 | 4,642 | 6,485 | 4,854 | 4,605 | ----- |
| France..... | 196 | 365 | 488 | 484 | 635 | 971 | 1,078 | 1,208 | 2,705 | 1,734 | 1,358 | 1,502 | ----- |
| Germany..... | 2,961 | 2,074 | 2,188 | 3,040 | 4,958 | 3,997 | 6,408 | 6,036 | 5,721 | 8,414 | 9,135 | 7,210 | ----- |
| Italy..... | 10,499 | 9,956 | 2,508 | 13,994 | 7,835 | 5,101 | 5,027 | 5,547 | 1,953 | 7,045 | 6,766 | 7,371 | ----- |
| Union of Soviet Socialist Republics..... | 19,133 | 18,624 | 17,128 | 15,684 | 18,425 | 15,470 | 18,563 | 21,863 | 20,184 | 25,578 | 23,873 | 20,633 | ----- |
| United Kingdom..... | 92,647 | 86,762 | 84,866 | 97,317 | 105,305 | 91,802 | 117,295 | 101,467 | 99,895 | 126,734 | 112,953 | 116,134 | ----- |
| North and South America: | 164,899 | 168,321 | 158,670 | 174,375 | 183,448 | 165,653 | 220,085 | 200,286 | 212,731 | 237,254 | 176,888 | 186,486 | ----- |
| Canada..... | 15,313 | 10,691 | 5,817 | 7,239 | 11,463 | 12,724 | 17,212 | 31,674 | 17,658 | 19,723 | 12,464 | 11,906 | ----- |
| Latin American Republics, total..... | 16,970 | 31,154 | 28,229 | 46,705 | 46,718 | 39,553 | 48,628 | 42,906 | 44,165 | 40,692 | 30,852 | 35,984 | ----- |
| Argentina..... | 11,160 | 10,888 | 11,602 | 9,076 | 11,243 | 10,483 | 14,080 | 12,675 | 17,142 | 17,874 | 15,697 | 13,706 | ----- |
| Brazil..... | 12,785 | 9,917 | 13,759 | 14,694 | 23,320 | 17,615 | 23,761 | 27,794 | 18,135 | 17,442 | 8,694 | 14,182 | ----- |
| Chile..... | 50,848 | 53,706 | 45,133 | 32,449 | 37,626 | 36,887 | 42,708 | 12,098 | 34,681 | 47,195 | 33,763 | 38,990 | ----- |
| Colombia*..... | 21,582 | 18,309 | 16,749 | 29,226 | 19,292 | 15,732 | 23,832 | 19,573 | 25,320 | 27,204 | 24,216 | 17,533 | ----- |
| Cuba..... | 12,764 | 13,289 | 14,016 | 15,657 | 14,596 | 12,854 | 18,552 | 18,822 | 19,986 | 26,880 | 23,344 | 22,735 | ----- |
| Mexico..... | 20,678 | 26,364 | 23,822 | 19,752 | 21,314 | 19,869 | 21,373 | 14,203 | 9,706 | 9,201 | 6,446 | 8,788 | ----- |
| Venezuela*..... | 23,662 | 23,951 | 14,212 | 16,407 | 15,789 | 15,804 | 24,814 | 32,504 | 20,304 | 23,004 | 16,684 | 20,237 | ----- |
| Other regions: | 13,737 | 7,556 | 3,033 | 6,634 | 8,434 | 8,434 | 14,166 | 6,478 | 12,299 | 10,594 | 7,775 | 9,133 | ----- |
| Australia (incl. New Guinea)..... | 3,961 | 1,032 | 2,637 | 13,393 | 1,835 | 106 | 195 | 1,797 | 2,486 | 1,980 | 464 | 215 | ----- |
| China..... | 22,815 | 29,157 | 13,759 | 24,811 | 21,568 | 18,784 | 21,270 | 22,915 | 27,383 | 22,715 | 35,507 | 28,457 | ----- |
| Egypt..... | 1,119 | 4,739 | 2,479 | 1,444 | 4,049 | 2,524 | 4,442 | 2,958 | 4,385 | 4,643 | 4,019 | 3,787 | ----- |
| India and Pakistan..... | 999 | 739 | 3,106 | 1,365 | 3,474 | 1,572 | 2,345 | 2,717 | 3,255 | 4,906 | 3,511 | 2,942 | ----- |
| Japan..... | 14,178 | 8,503 | 9,055 | 10,038 | 12,593 | 15,130 | 20,641 | 21,883 | 18,912 | 23,990 | 16,942 | 17,642 | ----- |
| Netherlands Indies..... | 5,145 | 5,603 | 7,114 | 15,703 | 12,739 | 15,003 | 17,680 | 9,608 | 11,836 | 12,983 | 9,440 | 12,171 | ----- |
| Republic of the Philippines..... | 470 | | | | | | | | | | | | |

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|---------|-------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| FOREIGN TRADE—Continued | | | | | | | | | | | | | |
| VALUE\$—Continued | | | | | | | | | | | | | |
| Imports for consumption—Continued. | | | | | | | | | | | | | |
| By principal commodities: | | | | | | | | | | | | | |
| Nonagricultural, total.....thous. of dol. | 246,917 | 252,508 | 236,232 | 272,650 | 277,735 | 243,881 | 290,469 | 284,201 | 296,326 | 328,283 | 300,636 | 306,516 | ----- |
| Furs and manufactures.....do. | * 14,486 | 11,947 | 5,976 | 18,756 | 11,566 | 9,408 | 12,001 | 16,791 | 18,355 | 11,996 | 9,600 | 15,276 | ----- |
| Nonferrous ores and metals, total.....do. | * 44,199 | 40,988 | 45,133 | 45,121 | 42,116 | 35,733 | 51,618 | 38,444 | 47,138 | 49,646 | 44,653 | 49,045 | ----- |
| Copper, including ore and manufactures: | | | | | | | | | | | | | |
| Tin, including ore.....thous. of dol. | 21,818 | 15,626 | 17,369 | 16,847 | 18,229 | 15,110 | 21,091 | 12,425 | 19,139 | 19,027 | 15,376 | 13,499 | ----- |
| Paper base stocks.....do. | 1,272 | 7,435 | 9,109 | 13,913 | 7,550 | 5,224 | 9,927 | 9,335 | 5,692 | 7,613 | 8,452 | 13,225 | ----- |
| Newsprint.....do. | * 30,180 | 30,773 | 36,557 | 25,191 | 27,055 | 25,366 | 27,954 | 25,805 | 30,978 | 28,873 | 22,347 | 28,907 | ----- |
| Petroleum and products.....do. | 30,423 | 30,988 | 27,747 | 32,601 | 31,923 | 28,267 | 34,721 | 29,375 | 27,483 | 37,367 | 32,801 | 34,395 | ----- |
| | 18,543 | 20,475 | 19,284 | 19,708 | 20,191 | 21,899 | 28,743 | 29,398 | 30,371 | 37,277 | 32,341 | 30,204 | ----- |

TRANSPORTATION AND COMMUNICATIONS

| TRANSPORTATION | | | | | | | | | | | | | |
|---------------------------------------------------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Airlines | | | | | | | | | | | | | |
| Operations on scheduled air lines:† | | | | | | | | | | | | | |
| Miles flown, revenue.....thous. of miles. | 26,866 | 28,572 | 28,883 | 27,515 | 28,373 | 24,280 | 24,599 | 23,624 | 20,978 | 24,849 | 25,710 | 26,703 | ----- |
| Express and freight carried.....thous. of lb. | 15,722 | 15,269 | 16,973 | 19,949 | 28,414 | 23,149 | 28,223 | 23,508 | 21,163 | 25,585 | 24,844 | 26,551 | ----- |
| Express and freight ton-miles flown.....thousands. | 4,295 | 4,233 | 4,749 | 5,837 | 8,203 | 6,600 | 7,993 | 6,850 | 6,199 | 7,817 | 7,446 | 8,305 | ----- |
| Passengers carried (revenue).....do. | 1,065 | 1,100 | 1,253 | 1,235 | 1,195 | 904 | 853 | 752 | 694 | 881 | 1,017 | 1,117 | ----- |
| Passenger-miles flown (revenue).....do. | 538,377 | 533,706 | 600,262 | 599,683 | 569,885 | 427,686 | 432,548 | 393,637 | 349,934 | 431,156 | 473,950 | 520,165 | ----- |
| Express Operations | | | | | | | | | | | | | |
| Operating revenue.....thous. of dol. | 24,398 | 24,429 | 24,406 | 26,668 | 26,183 | 27,790 | 32,075 | 26,575 | 25,910 | 26,355 | 25,318 | 21,877 | ----- |
| Operating income.....do. | 47 | 46 | 47 | 17 | 63 | 119 | 75 | 73 | 78 | 5 | 131 | 1 | ----- |
| Local Transit Lines | | | | | | | | | | | | | |
| Fares, average, cash rate.....cents. | 8.0774 | 8.1051 | 8.1134 | 8.1854 | 8.2104 | 8.3073 | 8.3406 | 8.4043 | 8.4652 | 8.5234 | 8.5816 | 8.6093 | 8.6591 |
| Passengers carried†.....millions | 1,464 | 1,451 | 1,429 | 1,472 | 1,570 | 1,478 | 1,584 | 1,537 | 1,438 | 1,581 | 1,491 | 1,437 | ----- |
| Operating revenues†.....thous. of dol. | 112,100 | 111,400 | 111,300 | 113,300 | 121,200 | 115,600 | 127,000 | 120,100 | 111,100 | 121,800 | 119,500 | 120,200 | ----- |
| Class I Steam Railways | | | | | | | | | | | | | |
| Freight carloadings (A. A. R.):⊙ | | | | | | | | | | | | | |
| Total cars.....thousands. | 3,543 | 3,276 | 4,560 | 3,600 | 3,808 | 4,424 | 3,164 | 3,824 | 3,078 | 2,954 | 2,984 | 4,404 | 3,524 |
| Coal.....do. | 708 | 495 | 886 | 713 | 758 | 934 | 714 | 916 | 730 | 510 | 408 | 992 | 795 |
| Coke.....do. | * 55 | 49 | 70 | 54 | 60 | 74 | 60 | 75 | 60 | 53 | 40 | 72 | 58 |
| Forest products.....do. | 188 | 178 | 248 | 191 | 191 | 222 | 168 | 205 | 166 | 181 | 173 | 224 | 189 |
| Grains and grain products.....do. | 200 | 275 | 317 | 210 | 216 | 245 | 177 | 225 | 144 | 141 | 153 | 200 | 199 |
| Livestock.....do. | 49 | 46 | 62 | 74 | 91 | 93 | 50 | 55 | 34 | 35 | 49 | 63 | 42 |
| Merchandise, l. c. l.....do. | 464 | 429 | 577 | 467 | 491 | 588 | 432 | 499 | 434 | 461 | 447 | 544 | 408 |
| Ore.....do. | 324 | 343 | 407 | 299 | 274 | 238 | 66 | 63 | 56 | 64 | 204 | 395 | 332 |
| Miscellaneous.....do. | 1,555 | 1,461 | 1,992 | 1,592 | 1,728 | 2,030 | 1,495 | 1,787 | 1,454 | 1,509 | 1,510 | 1,913 | 1,499 |
| Freight carloadings (Federal Reserve indexes): | | | | | | | | | | | | | |
| Combined index, unadjusted.....1935-39=100. | 142 | 140 | 148 | 153 | 156 | 150 | 139 | 133 | 129 | 122 | 128 | 143 | 144 |
| Coal.....do. | 141 | 115 | 146 | 153 | 156 | 160 | 155 | 155 | 150 | 98 | 105 | 163 | 153 |
| Coke.....do. | 170 | 165 | 177 | 178 | 188 | 195 | 201 | 192 | 188 | 163 | 134 | 183 | 183 |
| Forest products.....do. | 151 | 153 | 160 | 161 | 155 | 147 | 141 | 137 | 135 | 146 | 141 | 145 | 156 |
| Grains and grain products.....do. | 143 | 202 | 175 | 153 | 162 | 142 | 130 | 132 | 101 | 100 | 108 | 113 | 147 |
| Livestock.....do. | 87 | 87 | 87 | 139 | 161 | 133 | 92 | 81 | 61 | 62 | 94 | 86 | 74 |
| Merchandise, l. c. l.....do. | 473 | 71 | 73 | 77 | 78 | 77 | 71 | 65 | 69 | 73 | 70 | 69 | 66 |
| Ore.....do. | 286 | 311 | 284 | 272 | 235 | 163 | 60 | 45 | 49 | 57 | 212 | 277 | 296 |
| Miscellaneous.....do. | 146 | 145 | 150 | 157 | 163 | 158 | 147 | 139 | 137 | 142 | 143 | 144 | 144 |
| Combined index, adjusted†.....do. | 137 | 134 | 143 | 142 | 146 | 147 | 149 | 145 | 139 | 130 | 130 | 141 | 139 |
| Coal†.....do. | 141 | 115 | 146 | 153 | 156 | 160 | 155 | 155 | 150 | 98 | 105 | 163 | 153 |
| Coke†.....do. | 173 | 170 | 184 | 180 | 192 | 195 | 191 | 183 | 178 | 162 | 137 | 185 | 187 |
| Forest products.....do. | 145 | 152 | 152 | 149 | 147 | 150 | 158 | 153 | 140 | 146 | 141 | 139 | 150 |
| Grains and grain products†.....do. | 140 | 168 | 162 | 137 | 152 | 145 | 138 | 132 | 103 | 109 | 123 | 129 | 144 |
| Livestock†.....do. | 107 | 107 | 92 | 105 | 104 | 105 | 96 | 84 | 76 | 79 | 105 | 96 | 92 |
| Merchandise, l. c. l.....do. | 74 | 71 | 73 | 73 | 75 | 75 | 74 | 68 | 71 | 72 | 70 | 69 | 66 |
| Ore†.....do. | 184 | 194 | 190 | 181 | 163 | 163 | 192 | 180 | 195 | 195 | 213 | 213 | 191 |
| Miscellaneous†.....do. | 142 | 143 | 149 | 145 | 149 | 151 | 156 | 152 | 146 | 150 | 145 | 143 | 140 |
| Freight-car surplus and shortage, daily average: | | | | | | | | | | | | | |
| Car surplus†.....number. | 11,333 | 30,651 | 2,391 | 1,322 | 942 | 2,505 | 5,886 | 12,013 | 6,657 | 35,244 | 104,170 | 14,515 | 15,633 |
| Box cars.....do. | 5,904 | 613 | 175 | 238 | 132 | 75 | 712 | 3,600 | 1,817 | 2,585 | 3,459 | 5,824 | 9,938 |
| Coal cars.....do. | 1,390 | 25,874 | 127 | 0 | 0 | 10 | 172 | 983 | 184 | 27,938 | 95,106 | 109 | 14 |
| Car shortage*.....do. | 14,969 | 15,697 | 31,766 | 34,443 | 40,103 | 27,865 | 12,146 | 8,747 | 13,030 | 7,783 | 2,330 | 2,656 | 15,350 |
| Box cars.....do. | 5,127 | 9,592 | 16,336 | 17,165 | 20,819 | 16,631 | 5,643 | 2,888 | 4,922 | 2,974 | 1,079 | 2,002 | 2,002 |
| Coal cars.....do. | 9,357 | 5,331 | 14,566 | 15,165 | 15,275 | 10,277 | 6,072 | 5,471 | 7,588 | 4,380 | 1,097 | 2,320 | 12,715 |
| Financial operations (unadjusted): | | | | | | | | | | | | | |
| Operating revenues, total.....thous. of dol. | * 697,822 | 705,361 | 745,258 | 726,550 | 794,165 | 755,324 | 807,428 | 750,735 | 715,891 | 776,616 | 728,969 | 796,403 | 838,106 |
| Freight.....do. | * 557,128 | 557,881 | 596,592 | 593,089 | 664,648 | 625,241 | 627,816 | 613,361 | 589,894 | 642,346 | 601,376 | 666,984 | 690,838 |
| Passenger.....do. | * 84,788 | 93,642 | 94,001 | 80,369 | 75,009 | 73,661 | 89,461 | 80,897 | 72,065 | 74,398 | 69,490 | 71,786 | 84,251 |
| Operating expenses.....do. | * 550,353 | 555,362 | 665,606 | 688,591 | 611,872 | 595,315 | 631,150 | 615,856 | 586,356 | 618,759 | 585,625 | 616,231 | 626,080 |
| Tax accruals, joint facility and equipment rents.....thous. of dol. | * 86,220 | 89,041 | 98,827 | 89,979 | 105,860 | 94,432 | 96,255 | 93,582 | 90,110 | 97,132 | 90,239 | 89,993 | 87,047 |
| Net railway operating income.....do. | * 61,249 | 60,958 | 80,825 | 47,979 | 76,433 | 65,577 | 80,023 | 41,297 | 39,425 | 60,724 | 53,104 | 90,178 | 124,979 |
| Net income†.....do. | 38,402 | 37,025 | 51,343 | 20,147 | 48,904 | 43,358 | 60,212 | 18,707 | 17,798 | 35,447 | 26,916 | 63,715 | ----- |
| Financial operations, adjusted:† | | | | | | | | | | | | | |
| Operating revenues, total.....mil. of dol. | 731.0 | 682.7 | 719.4 | 716.3 | 739.1 | 786.0 | 805.7 | 766.6 | 781.1 | 760.8 | 726.1 | 794.7 | ----- |
| Freight.....do. | 593.4 | 543.5 | 581.2 | 583.4 | 611.7 | 653.4 | 636.9 | 624.1 | 644.2 | 623.3 | 593.6 | 665.0 | ----- |
| Passenger.....do. | 81.9 | 85.9 | 83.8 | 80.7 | 76.7 | 77.0 | 87.8 | 84.7 | 77.4 | 75.5 | 72.1 | 72.8 | ----- |
| Railway expenses.....do. | 649.2 | 624.5 | 655.4 | 680.5 | 696.3 | 707.6 | 722.5 | 707.0 | 710.5 | 705.4 | 684.4 | 701.0 | ----- |
| Net railway operating income.....do. | 81.8 | 48.2 | 64.0 | 35.8 | 42.8 | 78.4 | 83.2 | 59.6 | 70.6 | 55.4 | 41.7 | 93.7 | ----- |
| Net income.....do. | 48.9 | 17.6 | 31.0 | 3.5 | 9.4 | 46.9 | 49.8 | 27.8 | * 38.3 | 22.2 | * 8.8 | 60.8 | ----- |
| Operating results: | | | | | | | | | | | | | |
| Freight carried 1 mile.....mil. of tons. | * 56,654 | 54,664 | 61,650 | 59,406 | 64,592 | 59,656 | 57,332 | 55,125 | 53,579 | 52,466 | 49,902 | 60,250 | 58,231 |
| Revenue per ton-mile.....cents. | 1.043 | 1.094 | 1.029 | 1.057 | 1.089 | 1.114 | 1.159 | 1.197 | 1.176 | 1.300 | 1.284 | 1.183 | ----- |
| Passengers carried 1 mile.....millions. | 4,096 | 4,413 | 4,481 | 3,855 | 3,450 | 3,342 | 3,948 | 3,654 | 3,198 | 3,271 | 3,043 | 3,151 | ----- |

* Revised. † Deficit. ⊙ Data for August, and November 1947 and January and May 1948 are for 5 weeks; other months, 4 weeks.

§ Data continue series published in the 1942 Supplement; data for December 1941–February 1945 will be published later. † Revised data for May 1947, \$49,431,000.

* New series. For comparable data beginning 1943 for total car shortage and surplus and an explanation of a change in the latter series, see p. S-21 of December 1944 Survey.

† Revised series. See note in the July 1947 Survey for explanation of revisions in the data for air lines; revised data prior to May 1946 will be published later. Data for local transit lines revenues beginning in the April 1944 Survey and passengers carried beginning in the May 1945 issue are estimated totals for all transit lines; revised data beginning 1936 will be published later. See note marked "†" regarding car surpluses. Revisions for 1939–July 1942 for the indicated indexes of carloadings and revisions for January 1937–February 1943 for the adjusted series for financial operations are available on request.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|---------|--------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| TRANSPORTATION AND COMMUNICATIONS—Continued | | | | | | | | | | | | | |
| TRANSPORTATION—Continued | | | | | | | | | | | | | |
| Waterway Traffic | | | | | | | | | | | | | |
| Clearances, vessels in foreign trade:§ | | | | | | | | | | | | | |
| Total, U. S. ports.....thous. net tons | 8,725 | 8,953 | 9,991 | 9,196 | 9,153 | 7,905 | 6,535 | 6,400 | 6,446 | 7,002 | 6,826 | 8,167 | |
| Foreign.....do | 3,980 | 3,945 | 4,697 | 4,272 | 4,451 | 3,633 | 2,820 | 2,774 | 2,815 | 2,998 | 3,106 | 4,063 | |
| United States.....do | 4,746 | 5,008 | 5,294 | 4,924 | 4,703 | 4,273 | 3,715 | 3,625 | 3,631 | 4,005 | 3,720 | 4,099 | |
| Travel | | | | | | | | | | | | | |
| Hotels: | | | | | | | | | | | | | |
| Average sale per occupied room.....dollars | 4.75 | 4.70 | 5.16 | 5.07 | 5.14 | 5.28 | 4.91 | 5.06 | 5.03 | 4.81 | 5.35 | 4.91 | 5.27 |
| Rooms occupied.....percent of total | 93 | 87 | 93 | 92 | 93 | 87 | 78 | 86 | 88 | 89 | 89 | 89 | 89 |
| Restaurant sales index, avg. same mo. 1929=100 | 248 | 225 | 246 | 238 | 226 | 234 | 202 | 227 | 211 | 206 | 245 | 246 | 248 |
| Foreign travel: | | | | | | | | | | | | | |
| U. S. citizens, arrivals.....number | 39,987 | 48,147 | 56,855 | 60,324 | 46,492 | 36,074 | 37,411 | 38,380 | 46,695 | 47,587 | 41,823 | 37,517 | |
| U. S. citizens, departures.....do | 45,320 | 48,137 | 39,577 | 34,112 | 32,168 | 25,099 | 31,743 | 36,317 | 42,469 | 44,295 | 40,260 | | |
| Emigrants.....do | 1,804 | | | | | | | | | | | | |
| Immigrants.....do | 14,733 | 15,644 | 13,433 | 13,853 | 14,880 | 15,618 | 14,879 | 14,833 | 17,915 | 26,883 | 25,110 | 27,304 | 30,372 |
| Passports issued.....do | 21,831 | 19,611 | 15,277 | 12,182 | 13,402 | 10,456 | 11,786 | 14,833 | 17,915 | 26,883 | 25,110 | 27,304 | 30,372 |
| National parks, visitors.....thousands | 902 | 1,467 | 1,502 | 682 | 308 | 131 | 89 | 102 | 120 | 139 | 173 | 792 | |
| Pullman Co.: | | | | | | | | | | | | | |
| Revenue passenger-miles.....millions | 1,215 | 1,139 | 1,166 | 1,104 | 1,028 | 1,000 | 1,020 | 1,202 | 1,048 | 1,045 | 975 | 935 | |
| Passenger revenues.....thous. of dol. | 9,193 | 8,558 | 8,712 | 8,374 | 8,924 | 8,737 | 9,762 | 10,610 | 9,328 | 9,364 | 8,676 | 8,254 | |
| COMMUNICATIONS | | | | | | | | | | | | | |
| Telephone carriers:¶ | | | | | | | | | | | | | |
| Operating revenues.....thous. of dol. | 205,193 | 209,134 | 210,070 | 213,422 | 222,090 | 217,513 | 230,620 | 229,797 | 225,584 | 237,939 | 235,094 | 238,347 | |
| Station revenues.....do | 113,371 | 114,567 | 114,836 | 118,134 | 121,969 | 121,596 | 127,132 | 129,809 | 128,440 | 132,124 | 132,437 | 133,426 | |
| Tolls, message.....do | 75,477 | 77,993 | 78,063 | 77,929 | 82,528 | 78,132 | 85,189 | 81,821 | 78,490 | 87,003 | 83,653 | 85,348 | |
| Operating expenses.....do | 165,551 | 175,553 | 172,006 | 175,079 | 179,941 | 172,927 | 184,807 | 182,116 | 174,364 | 187,252 | 183,536 | 185,762 | |
| Net operating income.....do | 17,914 | 13,239 | 16,305 | 16,890 | 19,202 | 20,818 | 22,010 | 21,611 | 23,966 | 23,800 | 24,130 | 25,250 | |
| Phones in service, end of month.....thousands | 30,292 | 30,553 | 30,794 | 31,058 | 31,421 | 31,721 | 32,094 | 32,385 | 32,628 | 32,934 | 33,186 | 33,499 | |
| Telegraph and cable carriers:‡ | | | | | | | | | | | | | |
| Operating revenues, total.....thous. of dol. | 18,981 | 18,449 | 18,122 | 18,366 | 18,725 | 16,580 | 18,734 | 16,965 | * 15,713 | 17,940 | 17,102 | 17,495 | |
| Telegraph carriers, total.....do | 17,662 | 17,019 | 16,786 | 17,029 | 17,366 | 15,266 | 17,190 | 15,813 | * 14,691 | 16,717 | 15,664 | 16,167 | |
| Western Union Telegraph Co., revenues from cable operations.....thous. of dol. | 574 | 599 | 639 | 659 | 703 | 616 | 762 | 622 | 607 | 663 | 650 | 685 | |
| Cable carriers.....do | 1,320 | 1,430 | 1,336 | 1,337 | 1,359 | 1,315 | 1,544 | 1,151 | 1,022 | 1,222 | 1,433 | 1,327 | |
| Operating expenses.....do | 15,347 | 16,010 | 15,366 | 15,376 | 15,500 | 15,146 | 15,585 | 15,097 | 13,827 | 15,103 | 15,079 | 15,437 | |
| Net operating revenues.....do | 1,541 | 291 | 682 | 928 | 1,117 | * 636 | 1,216 | * 252 | * 205 | 799 | * 93 | * 48 | |
| Net income trans. to earned surplus.....do | 1,335 | 41 | 332 | 700 | 627 | * 474 | * 742 | * 575 | * 586 | 3,545 | * 460 | * 489 | |
| Radiotelegraph carriers, operating revenues.....do | 1,617 | 1,609 | 1,742 | 1,759 | 1,889 | 1,695 | 2,008 | 1,854 | 1,760 | 1,817 | 1,807 | 1,846 | |

CHEMICALS AND ALLIED PRODUCTS

| CHEMICALS | | | | | | | | | | | | | |
|------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|
| Inorganic chemicals, production:* | | | | | | | | | | | | | |
| Ammonia, synthetic anhydrous (commercial) ♂ | | | | | | | | | | | | | |
| short tons | 91,681 | 96,768 | 93,461 | 88,120 | 95,826 | 92,185 | 97,773 | 95,405 | 90,550 | 100,142 | 92,640 | 82,408 | 81,364 |
| Calcium arsenate (commercial).....thous. of lb. | 8,859 | 10,645 | 5,064 | 3,107 | 2,272 | 2,709 | 2,190 | 2,003 | 2,433 | 3,379 | 3,910 | * 3,399 | 5,488 |
| Calcium carbide (100% CaC ₂).....short tons | 48,136 | 53,388 | 50,827 | 47,177 | 48,336 | 48,462 | 55,343 | 58,091 | 55,006 | 61,489 | 57,649 | 59,009 | 54,585 |
| Carbon dioxide, liquid, gas and solid ♂ | | | | | | | | | | | | | |
| thous. of lb. | 96,700 | 110,228 | 107,712 | 102,410 | 80,016 | 61,368 | 57,996 | 57,125 | 59,304 | 70,590 | 83,260 | 96,217 | 103,850 |
| Chlorine.....short tons | 124,067 | 121,336 | 125,992 | 124,178 | 127,245 | 124,634 | 128,797 | 123,319 | 116,143 | 132,668 | 126,992 | 130,926 | 133,231 |
| Hydrochloric acid (100% HCl).....do | 33,196 | 33,654 | 34,733 | 33,541 | 36,461 | 37,009 | 38,149 | 39,089 | 33,940 | 36,579 | 36,306 | 38,349 | 34,930 |
| Lead arsenate.....thous. of lb. | 1,436 | 447 | (1) | (1) | (1) | (1) | (1) | 3,229 | 3,697 | 3,654 | 3,814 | 3,127 | 2,097 |
| Nitric acid (100% HNO ₃) ♂.....short tons | 97,149 | 95,921 | 95,154 | 94,564 | 99,318 | 101,558 | 104,096 | 103,834 | 100,546 | 101,041 | 94,904 | * 86,487 | 81,888 |
| Oxygen.....mil. cu. ft. | 1,089 | 1,066 | 1,105 | 1,093 | 1,314 | 1,212 | 1,251 | 1,271 | 1,258 | 1,361 | 1,362 | 1,370 | 1,288 |
| Phosphoric acid (50% H ₃ PO ₄).....short tons | 89,492 | 86,200 | 88,083 | 87,249 | 99,213 | 89,353 | 90,412 | 95,331 | 90,601 | 105,097 | 97,510 | * 98,565 | 95,589 |
| Soda ash, ammonia-soda process (98-100% Na ₂ CO ₃).....short tons | 374,083 | 377,976 | 363,890 | 359,004 | 395,609 | 379,821 | 389,656 | 383,481 | 360,437 | 404,525 | 357,752 | 360,110 | 347,656 |
| Sodium bichromate and chromate.....do | 7,426 | 7,331 | 7,219 | 7,350 | 8,413 | 7,527 | 7,983 | 7,664 | 7,106 | 7,971 | 8,184 | 7,962 | 7,916 |
| Sodium hydroxide (100% NaOH).....do | 181,200 | 181,793 | 181,720 | 177,012 | 186,254 | 181,298 | 182,806 | 182,778 | 173,693 | 198,658 | 186,300 | 186,265 | 190,576 |
| Sodium silicate, soluble silicate glass (anhydrous) ♂.....short tons | 32,814 | 37,126 | 35,472 | 36,329 | 43,724 | 45,233 | 40,061 | 37,529 | 44,090 | 54,702 | 38,773 | 33,588 | 39,093 |
| Sodium sulfate, Glauber's salt and crude salt cake.....short tons | 69,432 | 64,996 | 65,942 | 65,414 | 70,293 | 71,245 | 73,846 | 70,456 | 64,182 | 69,688 | 70,928 | 73,510 | 65,602 |
| Sulphuric acid (100% H ₂ SO ₄): | | | | | | | | | | | | | |
| Price, wholesale, 66", tanks, at works§ | 16.50 | 16.50 | 16.50 | 16.50 | 16.50 | 16.50 | 16.13 | 15.00 | 15.00 | 15.00 | 15.00 | 15.00 | 15.00 |
| Production.....short tons | 856,129 | 851,598 | 864,092 | 856,783 | 897,297 | 884,365 | 967,235 | 932,933 | 893,440 | 956,957 | 904,562 | 931,788 | 843,322 |
| Organic chemicals: | | | | | | | | | | | | | |
| Acetic acid (syn. and natural), production*.....thous. of lb. | 31,729 | 35,897 | 35,365 | 28,606 | 29,560 | 30,439 | 31,163 | 34,189 | 32,624 | 34,605 | 33,244 | 39,091 | |
| Acetic anhydride, production*.....do | 41,433 | 53,627 | 53,478 | 50,308 | 55,071 | 55,347 | 57,507 | 62,700 | 58,184 | 64,849 | 60,103 | 63,937 | |
| Acetyl salicylic acid (aspirin), production*.....do | 1,155 | 928 | 1,126 | 1,083 | 1,092 | 1,016 | 615 | 979 | 985 | 1,061 | 1,061 | 559 | |
| Alcohol, denatured:‡ | | | | | | | | | | | | | |
| Consumption (withdrawals).....thous. of wine gal. | 13,687 | 15,061 | 16,426 | 18,718 | 21,820 | 19,026 | 16,937 | 12,436 | 11,250 | 13,053 | 13,208 | 14,207 | 13,154 |
| Production.....do | 14,150 | 14,605 | 16,469 | 18,610 | 21,744 | 18,620 | 17,710 | 12,576 | 11,051 | 13,016 | 13,312 | 12,904 | 12,974 |
| Stocks.....do | 1,981 | 1,529 | 1,560 | 1,447 | 1,354 | 943 | 1,719 | 1,850 | 1,653 | 1,613 | 1,712 | 1,245 | 1,075 |
| Alcohol, ethyl:§ | | | | | | | | | | | | | |
| Production.....thous. of proof gal. | 23,793 | 26,833 | 29,226 | 29,006 | 30,012 | 28,472 | 26,621 | 17,402 | 20,951 | 29,266 | 27,413 | 29,852 | 27,668 |
| Stocks, total.....do | 27,016 | 27,764 | 28,637 | 24,400 | 26,634 | 22,787 | 22,737 | 21,248 | 23,886 | 29,799 | 31,601 | 34,874 | 38,273 |
| In industrial alcohol bonded warehouses.....do | 25,323 | 25,699 | 26,928 | 22,894 | 25,938 | 22,170 | 21,783 | 20,738 | 22,654 | 29,404 | 31,032 | 34,353 | 37,699 |
| In denaturing plants.....do | 1,694 | 2,065 | 1,709 | 1,514 | 1,697 | 618 | 591 | 510 | 1,232 | 395 | 569 | 521 | 574 |
| Withdrawn for denaturing.....do | 26,065 | 27,359 | 30,303 | 34,101 | 38,526 | 33,981 | 32,839 | 23,103 | 21,151 | 23,213 | 24,899 | 25,806 | 23,446 |
| Withdrawn tax-paid.....do | 2,377 | 2,768 | 2,696 | 3,201 | 4,275 | 4,630 | 4,090 | 2,580 | 2,678 | 3,237 | 2,846 | 4,073 | 2,933 |
| Creosote oil, production*.....thous. of gal. | 12,779 | 11,581 | 11,988 | 13,407 | 13,909 | 12,573 | 14,263 | 12,835 | 11,925 | 12,179 | 12,884 | 11,590 | |
| Cresylic acid, refined, production*.....thous. of lb. | 1,909 | 2,329 | 2,357 | 1,697 | 2,403 | 2,056 | 2,094 | 1,969 | 1,617 | 2,287 | 1,871 | 2,715 | |
| Ethyl acetate (85% production)*.....do | 6,826 | 5,822 | 5,899 | 6,785 | 7,181 | 7,132 | 8,651 | 5,261 | 5,712 | 5,850 | 5,422 | 5,788 | |

* Revised. † Deficit. ‡ Data relate to continental United States. § Not available for publication. ¶ Compiled on a new basis beginning 1943; see April 1944 Survey for 1943 data and reference to revised 1942 data. Total operating revenues of telegraph carriers includes and operating revenue of cable carriers excludes cable operations of Western Union; the latter data were revised in May 1947 Survey (see note in that issue). † Data for carbon dioxide and sodium silicate were revised in the March and the September 1945 Survey, respectively (see notes in those issues). See note in February 1947 Survey with regard to additional plants included in the data for nitric acid and ammonia. § The indicated series, except series for alcohol stocks in denaturing plants (available only beginning 1942), continue data in the 1942 Supplement; unpublished data beginning 1941 or 1942 through February 1945 for ethyl alcohol and vessel clearances and for June 1944-July 1946 for prices of sulfuric acid will be shown later. ¶ New series. See note marked "¶" on p. S-23 of the September 1947 Survey for reference to data prior to 1943 for a number of the chemical series and information regarding revisions that have not been published.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June | |
| CHEMICALS AND ALLIED PRODUCTS—Continued | | | | | | | | | | | | | | |
| CHEMICALS—Continued | | | | | | | | | | | | | | |
| Organic chemicals—Continued. | | | | | | | | | | | | | | |
| Glycerin, refined (100% basis):* | | | | | | | | | | | | | | |
| High gravity and yellow distilled: | | | | | | | | | | | | | | |
| Consumption..... | thous. of lb. | 6,617 | 6,509 | 6,761 | 7,032 | 8,146 | 7,633 | 7,468 | 7,426 | 7,098 | 7,272 | 7,456 | 7,379 | 7,896 |
| Production..... | do. | 6,965 | 5,483 | 7,250 | 8,812 | 8,292 | 7,560 | 8,753 | 8,701 | 7,947 | 7,699 | 6,715 | 6,383 | 8,772 |
| Stocks..... | do. | 19,843 | 18,848 | 18,869 | 19,146 | 17,665 | 16,061 | 17,365 | 17,396 | 17,974 | 18,197 | 16,744 | 15,221 | 18,027 |
| Chemically pure: | | | | | | | | | | | | | | |
| Consumption..... | do. | 5,871 | 5,650 | 6,358 | 6,754 | 7,770 | 7,067 | 7,463 | 8,049 | 7,376 | 7,845 | 7,116 | 6,776 | 6,730 |
| Production..... | do. | 7,980 | 6,200 | 7,998 | 7,957 | 9,357 | 8,782 | 9,202 | 10,437 | 10,294 | 11,350 | 8,293 | 7,704 | 9,050 |
| Stocks..... | do. | 20,723 | 20,171 | 20,396 | 19,493 | 18,289 | 17,709 | 17,278 | 18,306 | 19,013 | 21,866 | 21,923 | 21,384 | 22,355 |
| Methanol, production:♂ | | | | | | | | | | | | | | |
| Crude (80%)..... | thous. of gal. | 221 | 236 | 246 | 243 | 283 | 286 | 321 | 274 | 248 | 255 | 265 | 254 | 251 |
| Synthetic (100%)..... | do. | 6,551 | 6,779 | 6,708 | 6,564 | 7,065 | 6,832 | 7,199 | 8,806 | 9,161 | 10,944 | 10,489 | 13,792 | ----- |
| Phthalic anhydride, production*..... | thous. of lb. | 11,764 | 12,871 | 12,396 | 11,800 | 12,529 | 12,373 | 12,893 | 12,433 | 12,048 | 14,082 | 13,072 | 13,632 | ----- |
| FERTILIZERS | | | | | | | | | | | | | | |
| Consumption, total*..... | thous. of short tons | 332 | 385 | 409 | 492 | 495 | 657 | 829 | 1,454 | 1,149 | 1,478 | 1,114 | 657 | 384 |
| Midwest States*..... | do. | 72 | 176 | 130 | 130 | 81 | 182 | 181 | 257 | 168 | 188 | 202 | 118 | 99 |
| Southern States⊕..... | do. | 260 | 209 | 278 | 362 | 415 | 476 | 648 | 1,196 | 981 | 1,291 | 912 | 539 | 285 |
| Exports, total§..... | long tons | 264,774 | 272,871 | 284,741 | 230,807 | 204,081 | 186,295 | 243,540 | 186,758 | 136,475 | 284,548 | 247,182 | 153,554 | ----- |
| Nitrogenous..... | do. | 56,507 | 73,674 | 56,924 | 65,241 | 81,799 | 86,578 | 54,664 | 79,399 | 12,774 | 151,301 | 61,097 | 28,182 | ----- |
| Phosphate materials§..... | do. | 191,539 | 186,987 | 215,726 | 162,341 | 114,052 | 87,772 | 168,874 | 91,288 | 103,754 | 114,629 | 176,937 | 118,820 | ----- |
| Prepared fertilizers§..... | do. | 2,718 | 1,661 | 874 | 1,659 | 617 | 447 | 1,695 | 8,926 | 10,303 | 1,589 | 1,484 | 1,436 | ----- |
| Imports, total§..... | do. | 117,760 | 82,474 | 93,649 | 76,591 | 92,214 | 76,836 | 91,159 | 102,966 | 141,630 | 131,989 | 129,608 | 146,215 | ----- |
| Nitrogenous, total§..... | do. | 107,484 | 75,912 | 85,337 | 67,166 | 73,015 | 61,056 | 69,725 | 92,765 | 120,766 | 113,216 | 104,353 | 117,677 | ----- |
| Nitrate of soda§..... | do. | 80,786 | 41,623 | 41,737 | 16,959 | 30,623 | 28,287 | 22,816 | 60,787 | 88,834 | 70,325 | 68,064 | 80,289 | ----- |
| Phosphates§..... | do. | 4,482 | 38 | 4,330 | 3,777 | 12,617 | 3,204 | 4,497 | 284 | 9,329 | 389 | 269 | 7,673 | ----- |
| Potash§..... | do. | 0 | 2,232 | 0 | 0 | 0 | 6,838 | 8,173 | 2,213 | 4,667 | 7,355 | 11,483 | 5,948 | ----- |
| Price, wholesale, nitrate of soda, crude, f. o. b. cars, port warehouses⊖..... | dol. per 100 lb. | 2,075 | 2,075 | 2,195 | 2,275 | 2,275 | 2,275 | 2,306 | 2,400 | 2,400 | 2,400 | 2,400 | 2,400 | 2,400 |
| Potash deliveries..... | short tons | 83,121 | 73,708 | 83,848 | 75,764 | 77,680 | 97,333 | 112,214 | 97,029 | 91,574 | 99,728 | ----- | ----- | ----- |
| Superphosphate (bulk):† | do. | 804,855 | 808,917 | 804,355 | 822,448 | 893,613 | 881,041 | 973,554 | 926,323 | 883,852 | 1,033,294 | 974,420 | 978,433 | 825,549 |
| Stocks, end of month..... | do. | 855,362 | 903,380 | 866,919 | 852,303 | 863,407 | 950,566 | 1,039,952 | 1,105,813 | 1,081,544 | 994,464 | 965,480 | 1,116,197 | 1,293,801 |
| NAVAL STORES | | | | | | | | | | | | | | |
| Rosin (gum and wood): | | | | | | | | | | | | | | |
| Price, gum, wholesale "H" (Sav.), bulk..... | dol. per 100 lb. | 7.58 | 6.83 | 6.76 | 7.10 | 8.46 | 8.91 | 8.87 | 8.83 | 8.55 | 7.19 | 7.00 | 6.80 | 7.52 |
| Production*..... | drums (520 lb.) | 527,335 | ----- | ----- | 572,233 | ----- | ----- | 508,543 | ----- | ----- | 382,720 | ----- | ----- | ----- |
| Stocks*..... | do. | 243,086 | ----- | ----- | 284,840 | ----- | ----- | 339,269 | ----- | ----- | 277,980 | ----- | ----- | ----- |
| Turpentine (gum and wood): | | | | | | | | | | | | | | |
| Price, gum, wholesale (Savannah)†..... | dol. per gal. | .61 | .59 | .59 | .62 | .62 | .64 | .64 | .63 | .63 | .64 | .62 | .58 | .42 |
| Production*..... | bbl. (50 gal.) | 176,089 | ----- | ----- | 189,689 | ----- | ----- | 159,665 | ----- | ----- | 115,460 | ----- | ----- | ----- |
| Stocks*..... | do. | 147,693 | ----- | ----- | 194,111 | ----- | ----- | 210,116 | ----- | ----- | 195,350 | ----- | ----- | ----- |
| MISCELLANEOUS | | | | | | | | | | | | | | |
| Explosives (industrial), shipments..... | | | | | | | | | | | | | | |
| thous. of lb. | 51,048 | 47,134 | 53,275 | 55,787 | 59,434 | 52,365 | 51,940 | 49,019 | 48,848 | 49,145 | 47,717 | 61,361 | ----- | ----- |
| Gelatin:§ | | | | | | | | | | | | | | |
| Production, total*..... | do. | 3,847 | 3,159 | 3,393 | 3,116 | 4,017 | 4,290 | 4,415 | 4,639 | 4,659 | 4,336 | 4,009 | 4,504 | 4,584 |
| Edible§..... | do. | 2,901 | 2,313 | 2,762 | 2,420 | 3,077 | 3,277 | 3,104 | 3,222 | 3,425 | 3,034 | 2,883 | 3,103 | 3,437 |
| Stocks, total*..... | do. | 6,374 | 6,338 | 6,042 | 5,961 | 5,431 | 5,739 | 6,427 | 6,387 | 6,553 | 7,000 | 6,889 | 7,288 | 7,462 |
| Edible§..... | do. | 2,787 | 2,355 | 2,430 | 2,356 | 2,400 | 2,714 | 3,300 | 3,034 | 3,144 | 3,464 | 3,392 | 3,713 | 4,060 |
| Sulfur:* | | | | | | | | | | | | | | |
| Production..... | long tons | 359,313 | 382,674 | 391,396 | 406,964 | 425,612 | 405,205 | 389,014 | 391,214 | 388,332 | 402,832 | 392,991 | 409,530 | 409,610 |
| Stocks..... | do. | 3,456,082 | 3,438,367 | 3,444,607 | 3,449,732 | 3,457,899 | 3,435,298 | 3,371,034 | 3,373,422 | 3,348,462 | 3,368,064 | 3,338,345 | 3,297,705 | 3,303,984 |
| Glue, animal:* | | | | | | | | | | | | | | |
| Production..... | thous. of lb. | 12,843 | 12,158 | 11,424 | 12,003 | 14,666 | 13,636 | 13,185 | 14,229 | 13,131 | 11,795 | 12,165 | 11,503 | 11,771 |
| Stocks..... | do. | 8,950 | 8,757 | 7,749 | 7,882 | 8,392 | 9,509 | 12,444 | 10,605 | 10,828 | 10,957 | 12,062 | 11,960 | 14,823 |
| Bone black:* | | | | | | | | | | | | | | |
| Production..... | short tons | 1,040 | 1,048 | 1,065 | 1,085 | 1,085 | 848 | 1,102 | 1,033 | 1,010 | 1,017 | 519 | 520 | 607 |
| Stocks..... | do. | 1,021 | 1,008 | 1,030 | 1,079 | 1,375 | 1,180 | 1,254 | 1,474 | 1,696 | 2,004 | 1,877 | 1,650 | 1,526 |
| OIL SEEDS, OILS, FATS AND BYPRODUCTS | | | | | | | | | | | | | | |
| Animal, including fish oil: | | | | | | | | | | | | | | |
| Animal fats:† | | | | | | | | | | | | | | |
| Consumption, factory..... | thous. of lb. | 105,301 | 99,329 | 127,228 | 134,765 | 155,630 | 134,391 | 126,345 | 135,260 | 118,705 | 116,571 | 107,826 | 116,137 | 122,370 |
| Production..... | do. | 255,713 | 238,814 | 208,609 | 189,544 | 226,266 | 270,792 | 307,560 | 302,208 | 258,924 | 222,845 | 222,070 | 238,278 | 266,633 |
| Stocks, end of month..... | do. | 428,604 | 444,602 | 400,170 | 320,801 | 250,588 | 258,425 | 322,405 | 350,058 | 369,460 | 369,989 | 396,045 | 414,980 | 431,815 |
| Greases:† | | | | | | | | | | | | | | |
| Consumption, factory..... | do. | 41,226 | 37,746 | 43,658 | 49,913 | 55,182 | 50,604 | 54,207 | 55,351 | 53,195 | 56,212 | 51,525 | 46,433 | 51,931 |
| Production..... | do. | 48,260 | 46,611 | 44,434 | 40,154 | 47,402 | 50,039 | 50,586 | 52,331 | 46,815 | 45,153 | 45,543 | 47,147 | 51,411 |
| Stocks, end of month..... | do. | 98,827 | 101,964 | 106,382 | 98,924 | 97,555 | 96,111 | 103,692 | 119,272 | 122,608 | 129,645 | 126,831 | 124,582 | 129,997 |
| Fish oils:† | | | | | | | | | | | | | | |
| Consumption, factory..... | do. | 16,478 | 11,475 | 12,150 | 20,148 | 22,929 | 22,944 | 25,687 | 23,980 | 20,178 | 19,095 | 15,721 | 16,993 | 17,201 |
| Production..... | do. | 10,927 | 21,739 | 21,109 | 22,706 | 19,889 | 6,852 | 4,356 | 1,024 | 697 | 766 | 1,000 | 4,296 | 13,346 |
| Stocks, end of month..... | do. | 59,041 | 65,152 | 86,445 | 85,999 | 108,815 | 91,459 | 85,286 | 85,778 | 69,069 | 61,021 | 55,000 | 60,879 | 66,794 |
| Vegetable oils, total:† | | | | | | | | | | | | | | |
| Consumption, crude, factory †..... | mil. of lb. | 294 | 297 | 294 | 329 | 432 | 437 | 460 | 458 | 410 | 425 | 385 | 351 | 354 |
| Exports..... | thous. of lb. | 25,855 | 14,540 | 16,148 | 23,434 | 19,525 | 27,885 | 37,302 | 35,737 | 14,198 | 21,199 | 16,319 | 25,554 | ----- |
| Imports, total§..... | do. | 52,306 | 26,669 | 10,744 | 19,106 | 5,462 | 23,661 | 32,474 | 34,628 | 40,402 | 32,646 | 29,596 | 30,256 | ----- |
| Paint oils..... | do. | 37,754 | 18,208 | 2,121 | 3,921 | 2,801 | 13,208 | 17,008 | 11,651 | 21,847 | 10,270 | 10,531 | 9,266 | ----- |
| All other vegetable oils..... | do. | 14,553 | 8,461 | 8,623 | 15,185 | 2,661 | 10,453 | 15,465 | 22,977 | 18,555 | 22,376 | 19,065 | 20,991 | ----- |
| Production†..... | mil. of lb. | 283 | 278 | 248 | 330 | 468 | 481 | 488 | 513 | 441 | 408 | 352 | 331 | 316 |
| Stocks, end of month:† | do. | 573 | 566 | 489 | 458 | 471 | 485 | 502 | 539 | 508 | 592 | 555 | 526 | 464 |
| Crude..... | do. | 385 | 359 | 292 | 243 | 207 | 211 | 241 | 247 | 264 | 305 | 292 | 252 | 226 |

* Revised. ♂ See note in the April 1946 Survey with regard to difference between these series and similar data published in the 1942 Supplement to the Survey.

⊕ Excludes data for Mississippi, which has discontinued monthly reports, beginning in the October 1946 Survey.

§ The indicated series continue data published in the 1942 Supplement; unpublished data beginning 1941 or 1942 through February 1945, and also corrected data for 1937-July 1945 for nitrogenous and total fertilizer imports, will be published later. Fertilizer and vegetable oil exports for 1947 have been revised to include Army civilian supply shipments (see note marked "§" on p. S-20).

⊖ For a brief description of this series see note in April 1946 Survey. † See note marked "†" on p. S-25 regarding unpublished revisions.

* New series. For source and description of data for glycerin see p. S-23 of November 1944 Survey and for turpentine and rosin, p. S-24 of the May 1946 issue. Small revisions in the data for June 1943-August 1946 for glycerin will be shown later. Data for 1942-February 1945 for the new series on gelatin, and data prior to August 1946 for bone black and glue will be published later; data for gelatin, bone black, and glue are compiled by the Bureau of the Census and are complete or practically complete. Data for 1940-43 for sulfur are on p. 24 of the May 1946 Survey. See note marked "§" on p. S-23 of the September 1947 Survey for reference to data for phthalic anhydride. Data for fertilizer consumption by midwestern States and the total (compiled by the National Fertilizer Association from reports of tax tag sales) have been revised beginning in the March 1948 issue to exclude Illinois which has discontinued tag sales. Data beginning 1933 will be shown later.

† Revised series. See note in the November 1943 Survey explaining a change in the superphosphate data and note in September 1947 Survey regarding a company included beginning January 1946. See note on S-23 of the November 1943 Survey regarding change in the turpentine price series.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|------------------|---------|----------|----------|---------|----------|---------|---------|---------|---------|
| | June | July | August | Sep-tember | October | November | December | January | February | March | April | May | June |
| CHEMICALS AND ALLIED PRODUCTS—Continued | | | | | | | | | | | | | |
| OIL SEEDS, OILS, FATS, AND BYPRODUCTS—Continued | | | | | | | | | | | | | |
| Copra: | | | | | | | | | | | | | |
| Consumption, factory ¹ short tons..... | 52,368 | 45,330 | 40,731 | 41,828 | 47,148 | 48,821 | 60,511 | 61,796 | 53,135 | 50,194 | 40,136 | 35,102 | 31,797 |
| Imports ² do..... | 51,346 | 18,644 | 31,340 | 48,297 | 53,485 | 67,222 | 85,829 | 56,167 | 55,546 | 51,513 | 34,349 | 27,644 | 21,888 |
| Stocks, end of month ³ do..... | 44,320 | 42,300 | 26,861 | 23,871 | 22,984 | 25,945 | 41,611 | 37,259 | 35,392 | 36,471 | 28,825 | 22,659 | 21,888 |
| Coconut or copra oil: | | | | | | | | | | | | | |
| Consumption, factory: ⁴ | | | | | | | | | | | | | |
| Crude..... thous. of lb..... | 61,636 | 62,008 | 69,608 | 72,257 | 79,656 | 72,862 | 76,857 | 85,370 | 68,333 | 69,523 | 54,484 | 54,088 | 57,539 |
| Refined..... do..... | 27,664 | 23,784 | 32,977 | 30,174 | 29,828 | 26,618 | 28,317 | 29,315 | 24,066 | 23,342 | 22,985 | 23,575 | 26,332 |
| Imports ² do..... | 3,225 | 1,787 | 866 | (¹) | 0 | 956 | 5,080 | 11,593 | 3,848 | 9,598 | 7,694 | 6,428 | ..... |
| Production: ⁴ | | | | | | | | | | | | | |
| Crude..... do..... | 66,074 | 57,902 | 51,902 | 53,609 | 61,103 | 62,287 | 77,238 | 81,371 | 67,377 | 64,280 | 51,137 | 45,362 | 40,456 |
| Refined..... do..... | 28,611 | 30,466 | 34,228 | 33,498 | 35,388 | 35,088 | 33,225 | 37,233 | 28,361 | 31,502 | 27,771 | 26,935 | 29,812 |
| Stocks, end of month: ⁴ | | | | | | | | | | | | | |
| Crude..... do..... | 134,949 | 127,927 | 105,978 | 89,363 | 69,578 | 59,669 | 69,672 | 75,584 | 86,546 | 96,226 | 98,773 | 101,254 | 85,804 |
| Refined..... do..... | 12,998 | 14,412 | 10,737 | 11,194 | 10,998 | 9,213 | 11,834 | 12,616 | 10,500 | 11,837 | 12,120 | 14,214 | 12,274 |
| Cottonseed: | | | | | | | | | | | | | |
| Consumption (crush)..... thous. of short tons..... | 69 | 74 | 102 | 345 | 647 | 596 | 565 | 522 | 412 | 326 | 205 | 147 | 115 |
| Receipts at mills..... do..... | 14 | 65 | 167 | 776 | 1,509 | 654 | 476 | 212 | 74 | 51 | 24 | 14 | 22 |
| Stocks at mills, end of month..... do..... | 108 | 100 | 163 | 594 | 1,458 | 1,515 | 1,426 | 1,116 | 778 | 503 | 322 | 188 | 96 |
| Cottonseed cake and meal: | | | | | | | | | | | | | |
| Production..... short tons..... | 30,477 | 33,980 | 47,068 | 156,076 | 301,370 | 276,451 | 261,942 | 241,668 | 191,325 | 154,388 | 95,374 | 67,944 | 54,105 |
| Stocks at mills, end of month..... do..... | 87,958 | 46,941 | 26,416 | 37,844 | 62,121 | 71,590 | 74,035 | 71,207 | 85,139 | 86,060 | 92,080 | 100,037 | 94,516 |
| Cottonseed oil, crude: | | | | | | | | | | | | | |
| Production..... thous. of lb..... | 23,341 | 24,212 | 31,109 | 104,348 | 197,834 | 181,915 | 174,444 | 163,998 | 130,270 | 105,162 | 67,539 | 47,743 | 38,023 |
| Stocks, end of month..... do..... | 19,990 | 15,191 | 19,209 | 57,307 | 95,356 | 112,684 | 109,368 | 121,742 | 117,424 | 87,096 | 58,472 | 43,054 | 32,616 |
| Cottonseed oil, refined: | | | | | | | | | | | | | |
| Consumption, factory: ⁴ | | | | | | | | | | | | | |
| In oleomargarine..... do..... | 44,687 | 56,312 | 74,243 | 74,751 | 119,107 | 129,166 | 122,265 | 126,686 | 106,611 | 105,985 | 96,604 | 91,090 | 68,170 |
| Price, wholesale, summer, yellow, prime (N. Y.) ⁵ dol. per lb..... | 16,407 | 19,906 | 20,115 | 27,891 | 41,564 | 44,146 | 42,368 | 46,718 | 42,779 | 38,728 | 36,180 | 40,195 | ..... |
| Production..... do..... | 241 | 234 | 179 | 224 | 287 | 276 | 289 | 299 | 246 | 261 | 305 | 371 | 356 |
| Stocks, end of month..... do..... | 35,517 | 26,410 | 24,913 | 56,852 | 144,981 | 157,874 | 159,637 | 140,848 | 124,877 | 123,628 | 90,821 | 60,035 | 47,952 |
| Imports ² do..... | 204,106 | 171,094 | 116,709 | 92,081 | 107,882 | 133,196 | 152,916 | 152,706 | 158,523 | 182,206 | 168,750 | 126,912 | 111,689 |
| Flaxseed: | | | | | | | | | | | | | |
| Imports ² thous. of bu..... | 77 | 106 | 17 | 0 | 0 | 0 | 2 | 5 | 6 | 2 | 1 | 477 | ..... |
| Duluth: | | | | | | | | | | | | | |
| Receipts..... do..... | 7 | 2 | 12 | 1,435 | 2,733 | 911 | 48 | 165 | 66 | 50 | 53 | 45 | 80 |
| Shipments..... do..... | 74 | 72 | 0 | 436 | 1,053 | 1,147 | 1,764 | 183 | 0 | 1 | 189 | 69 | 459 |
| Stocks..... do..... | 78 | 8 | 20 | 1,019 | 2,699 | 2,463 | 747 | 728 | 794 | 843 | 707 | 683 | 304 |
| Minneapolis: | | | | | | | | | | | | | |
| Receipts..... do..... | 128 | 99 | 2,125 | 8,425 | 4,928 | 1,904 | 1,360 | 1,224 | 723 | 530 | 653 | 870 | 1,178 |
| Shipments..... do..... | 202 | 82 | 270 | 1,142 | 530 | 274 | 168 | 257 | 318 | 298 | 199 | 308 | 162 |
| Stocks..... do..... | 516 | 296 | 453 | 5,004 | 6,434 | 6,305 | 5,833 | 5,114 | 4,263 | 3,099 | 2,500 | 1,888 | 967 |
| Oil mills:⁴ | | | | | | | | | | | | | |
| Consumption..... do..... | 1,687 | 1,641 | 1,325 | 2,410 | 3,051 | 3,174 | 2,319 | 2,930 | 2,595 | 2,309 | 2,442 | 2,737 | 3,156 |
| Stocks, end of month..... do..... | 1,457 | 1,892 | 2,526 | 5,720 | 6,789 | 6,893 | 6,559 | 6,290 | 5,800 | 4,879 | 3,843 | 3,234 | 4,185 |
| Price, wholesale, No. 1 (Minneapolis) dol. per bu..... | 6.12 | 6.02 | 6.00 | 6.39 | 6.78 | 6.84 | 7.01 | 7.06 | 6.51 | 6.19 | 6.04 | 6.09 | 6.09 |
| Production (crop estimate)..... thous. of bu..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Linseed cake and meal: | | | | | | | | | | | | | |
| Shipments from Minneapolis..... thous. of lb..... | 26,160 | 29,580 | 18,540 | 45,360 | 51,480 | 49,500 | 49,020 | 50,460 | 49,740 | 47,280 | 47,580 | 44,520 | 48,120 |
| Linseed oil: | | | | | | | | | | | | | |
| Consumption, factory: ⁴ | | | | | | | | | | | | | |
| Price, wholesale (N. Y.)..... dol. per lb..... | 38,716 | 40,030 | 39,834 | 40,865 | 44,820 | 36,508 | 38,532 | 39,008 | 38,987 | 40,871 | 40,292 | 40,754 | 44,330 |
| Production: ⁴ | | | | | | | | | | | | | |
| Crude..... do..... | 32,057 | 32,250 | 26,527 | 48,030 | 59,564 | 61,592 | 45,496 | 57,465 | 51,663 | 46,264 | 48,974 | 54,170 | 63,142 |
| Shipments from Minneapolis..... do..... | 13,620 | 14,880 | 21,240 | 27,240 | 33,840 | 29,580 | 27,900 | 29,940 | 28,020 | 29,760 | 37,440 | 33,420 | 33,540 |
| Stocks at factory, end of month ⁴ do..... | 144,544 | 157,724 | 132,682 | 118,443 | 127,444 | 124,541 | 126,678 | 135,394 | 141,504 | 135,741 | 134,511 | 131,422 | 137,132 |
| Soybeans: | | | | | | | | | | | | | |
| Consumption, factory: ⁴ | | | | | | | | | | | | | |
| Production (crop estimate)..... do..... | 13,356 | 13,613 | 11,284 | 9,733 | 11,439 | 14,659 | 15,219 | 16,481 | 14,962 | 14,762 | 14,185 | 13,247 | 12,643 |
| Stocks, end of month..... do..... | 28,004 | 19,124 | 10,248 | 2,775 | 34,624 | 48,053 | 47,824 | 43,596 | 36,857 | 33,608 | 27,447 | 22,913 | ..... |
| Soybean oil: | | | | | | | | | | | | | |
| Consumption, factory, refined: ⁴ | | | | | | | | | | | | | |
| Price, wholesale, edible (N. Y.) ⁵ dol. per lb..... | 75,842 | 82,261 | 98,077 | 109,838 | 141,963 | 119,523 | 110,066 | 110,777 | 94,091 | 100,295 | 114,035 | 122,268 | 115,310 |
| Production: ⁴ | | | | | | | | | | | | | |
| Crude..... do..... | 122,436 | 125,706 | 105,315 | 91,358 | 107,170 | 133,652 | 139,551 | 152,966 | 139,900 | 139,370 | 133,994 | 128,596 | 123,583 |
| Refined..... do..... | 83,890 | 98,720 | 91,251 | 89,400 | 88,413 | 97,345 | 112,683 | 110,912 | 99,320 | 108,829 | 116,152 | 112,696 | 112,906 |
| Stocks, end of month: ⁴ | | | | | | | | | | | | | |
| Crude..... do..... | 122,760 | 125,686 | 105,941 | 79,583 | 80,496 | 84,239 | 77,491 | 86,703 | 104,788 | 114,745 | 95,493 | 86,971 | 64,259 |
| Refined..... do..... | 128,141 | 141,671 | 140,430 | 124,043 | 76,800 | 59,667 | 64,161 | 63,850 | 71,561 | 84,848 | 89,797 | 87,992 | 79,215 |
| Oleomargarine: | | | | | | | | | | | | | |
| Consumption (tax-paid withdrawals) ⁴ do..... | 40,527 | 47,448 | 47,251 | 67,771 | 82,894 | 78,249 | 72,914 | 87,252 | 72,986 | 74,314 | 75,063 | 79,959 | ..... |
| Price, wholesale, standard, uncolored, (Chicago) ⁵ dol. per lb..... | 41,414 | 48,897 | 50,041 | 67,422 | 87,005 | 81,806 | 79,011 | 87,934 | 80,418 | 71,817 | 74,079 | 83,892 | 405 |
| Production: ⁴ | | | | | | | | | | | | | |
| Crude..... do..... | 330 | 332 | 330 | 340 | 362 | 385 | 400 | 402 | 392 | 382 | 390 | 405 | ..... |
| Shortenings and compounds:⁴ | | | | | | | | | | | | | |
| Production..... do..... | 78,853 | 79,921 | 98,978 | 117,858 | 159,623 | 145,979 | 131,819 | 136,936 | 101,120 | 109,013 | 128,033 | 124,142 | 120,804 |
| Stocks, end of month..... do..... | 63,094 | 47,086 | 45,803 | 36,393 | 41,887 | 45,051 | 53,488 | 54,493 | 64,144 | 59,550 | 51,396 | 56,751 | 75,915 |
| PAINT SALES | | | | | | | | | | | | | |
| Calcimines, plastic-texture and cold-water paints:⁶ | | | | | | | | | | | | | |
| Calcimines..... thous. of dol..... | 104 | 86 | 79 | 79 | 77 | 83 | 71 | 81 | 58 | 97 | 87 | 92 | ..... |
| Plastic-texture paints..... do..... | 218 | 180 | 224 | 203 | 218 | 210 | 187 | 243 | 203 | 271 | 254 | 227 | ..... |
| Cold-water paints: | | | | | | | | | | | | | |
| In dry form..... do..... | 436 | 432 | 409 | 439 | 433 | 305 | 282 | 306 | 253 | 377 | 401 | 416 | ..... |
| In paste form for interior use..... do..... | 361 | 407 | 306 | 235 | 303 | 256 | 217 | 328 | 286 | 336 | 332 | 381 | ..... |
| Paint, varnish, lacquer, and fillers, total⁶..... do..... | 92,634 | 86,700 | 84,951 | 86,312 | 91,443 | 71,199 | 68,914 | 88,015 | 78,933 | 91,685 | 96,961 | 98,316 | ..... |
| Classified, total..... do..... | 82,973 | 77,874 | 76,956 | 76,662 | 82,459 | 64,200 | 62,213 | 78,778 | 71,256 | 82,403 | 87,715 | 88,774 | ..... |
| Industrial..... do..... | 31,741 | 30,018 | 31,073 | 31,607 | 34,970 | 28,623 | 29,688 | 31,743 | 30,159 | 35,328 | 33,846 | 31,557 | ..... |
| Trade..... do..... | 51,232 | 47,856 | 45,883 | 45,055 | 47,489 | 35,577 | 32,526 | 47,035 | 41,097 | 47,074 | 53,868 | 57,217 | ..... |
| Unclassified..... do..... | 9,661 | 8,825 | 7,995 | 9,650 | 8,984 | 6,999 | 6,700 | 9,237 | 7,677 | 9,283 | 9, | | |

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-----------|---------|----------|----------|---------|----------|--------|--------|--------|--------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| CHEMICALS AND ALLIED PRODUCTS—Continued | | | | | | | | | | | | | |
| PLASTIC PRODUCTS | | | | | | | | | | | | | |
| Shipments and consumption: | | | | | | | | | | | | | |
| Cellulose acetate and mixed ester plastics:⊗ | | | | | | | | | | | | | |
| Sheets, rods and tubes.....thous. of lb. | 1,682 | 1,410 | 1,479 | 1,284 | 1,799 | 1,462 | 1,343 | 1,285 | 1,321 | 1,354 | 1,568 | 1,458 | 1,066 |
| Molding and extrusion materials.....do. | 3,715 | 2,779 | 3,404 | 4,153 | 5,105 | 4,666 | 3,830 | 4,461 | 3,733 | 3,960 | 3,877 | 3,630 | 3,494 |
| Nitrocellulose, sheets, rods, and tubes.⊗.....do. | 931 | 822 | 903 | 921 | 1,040 | 832 | 842 | 865 | 930 | 999 | 1,071 | 866 | 794 |
| Other cellulose plastics*.....do. | (1) | (1) | (1) | (1) | (1) | (1) | (1) | 747 | 652 | 769 | 974 | 1,024 | (1) |
| Phenolic and other tar acid resins*.....do. | 27,736 | 25,930 | 26,000 | 27,262 | 28,129 | 25,719 | 27,662 | 28,749 | 26,701 | 30,594 | 26,356 | 20,716 | 20,337 |
| Urea and melamine resins*.....do. | 5,761 | 5,652 | 5,578 | 5,839 | 6,836 | 6,115 | 6,739 | 6,824 | 6,772 | 7,116 | 6,561 | (1) | (1) |
| Polystyrene*.....do. | 5,955 | 5,688 | 7,075 | 8,381 | 10,931 | 10,593 | 11,456 | 10,226 | 8,382 | 12,718 | 12,189 | 10,777 | 11,798 |
| Vinyl resins*.....do. | 11,546 | 11,573 | 12,917 | 15,125 | 18,040 | 16,837 | 20,404 | 19,554 | 17,634 | 19,037 | 19,198 | 15,946 | 15,188 |
| Miscellaneous resins*.....do. | 5,891 | 5,819 | 5,567 | 8,032 | 7,388 | 7,120 | 7,157 | 7,677 | 7,800 | 8,639 | 8,219 | 8,490 | 9,008 |

ELECTRIC POWER AND GAS

| ELECTRIC POWER | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Production (utility and industrial), total* mil. of kw.-hr. | 24,469 | 24,938 | 25,969 | 25,634 | 26,748 | 26,180 | 27,951 | 28,443 | 26,465 | 27,966 | 26,569 | 27,035 | 27,161 |
| Industrial establishments*.....do. | 4,225 | 4,156 | 4,225 | 4,153 | 4,410 | 4,333 | 4,439 | 4,485 | 4,271 | 4,488 | 4,272 | 4,427 | 4,456 |
| By fuels*.....do. | 3,825 | 3,772 | 3,892 | 3,858 | 4,063 | 3,950 | 4,085 | 4,119 | 3,902 | 4,061 | 3,807 | 3,971 | 4,034 |
| By water power*.....do. | 400 | 383 | 333 | 295 | 348 | 383 | 355 | 366 | 369 | 427 | 466 | 455 | 422 |
| Utilities (for public use), total†.....do. | 20,244 | 20,782 | 21,744 | 21,481 | 22,338 | 21,847 | 23,512 | 23,958 | 22,194 | 23,478 | 22,296 | 22,609 | 22,705 |
| By fuels†.....do. | 13,451 | 14,236 | 15,690 | 15,875 | 16,846 | 16,763 | 17,099 | 17,514 | 15,821 | 16,005 | 14,416 | 14,925 | 15,769 |
| By water power†.....do. | 6,793 | 6,546 | 6,053 | 5,606 | 5,492 | 6,084 | 6,413 | 6,444 | 6,373 | 7,473 | 7,881 | 7,684 | 6,937 |
| Privately and municipally owned utilities.....do. | 17,414 | 17,847 | 18,733 | 18,630 | 19,540 | 18,977 | 20,292 | 20,649 | 18,996 | 20,015 | 18,802 | 19,122 | 19,446 |
| Other producers‡.....do. | 2,829 | 2,935 | 3,011 | 2,851 | 2,798 | 2,870 | 3,220 | 3,309 | 3,198 | 3,463 | 3,494 | 3,487 | 3,259 |
| Sales to ultimate customers, total (Edison Electric Institute)†.....mil. of kw.-hr. | 17,546 | 17,308 | 18,099 | 18,496 | 18,656 | 18,726 | 19,617 | 20,267 | 19,904 | 19,969 | 19,400 | 19,400 | 19,400 |
| Residential or domestic.....do. | 3,369 | 3,307 | 3,332 | 3,512 | 3,601 | 3,576 | 4,329 | 4,777 | 4,633 | 4,391 | 4,159 | 4,159 | 4,159 |
| Rural (distinct rural rates).....do. | 558 | 606 | 681 | 607 | 498 | 382 | 379 | 384 | 429 | 458 | 463 | 463 | 463 |
| Commercial and industrial: | | | | | | | | | | | | | |
| Small light and power¶.....do. | 3,060 | 3,123 | 3,252 | 3,406 | 3,293 | 3,346 | 3,490 | 3,570 | 3,518 | 3,497 | 3,450 | 3,450 | 3,450 |
| Large light and power¶.....do. | 9,356 | 9,068 | 9,601 | 9,724 | 9,951 | 9,757 | 9,934 | 9,900 | 9,897 | 10,197 | 10,014 | 10,014 | 10,014 |
| Street and highway lighting¶.....do. | 154 | 160 | 175 | 193 | 219 | 234 | 251 | 248 | 219 | 214 | 188 | 188 | 188 |
| Other public authorities¶.....do. | 475 | 459 | 453 | 490 | 499 | 502 | 530 | 548 | 534 | 531 | 509 | 509 | 509 |
| Railways and railroads¶.....do. | 531 | 538 | 532 | 518 | 548 | 578 | 648 | 685 | 613 | 623 | 560 | 560 | 560 |
| Interdepartmental¶.....do. | 44 | 45 | 44 | 45 | 46 | 51 | 56 | 66 | 59 | 59 | 57 | 57 | 57 |
| Revenue from sales to ultimate customers (Edison Electric Institute).....thous. of dol. | 369,631 | 305,855 | 315,590 | 325,639 | 328,209 | 335,687 | 351,460 | 362,163 | 357,698 | 354,600 | 346,645 | 346,645 | 346,645 |
| GAS† | | | | | | | | | | | | | |
| Manufactured and mixed gas (quarterly): | | | | | | | | | | | | | |
| Customers, end of quarter, total.....thousands. | 11,258 | | | 11,058 | | | 10,852 | | | | | | |
| Residential (incl. house-heating).....do. | 10,536 | | | 10,350 | | | 10,141 | | | | | | |
| Industrial and commercial.....do. | 713 | | | 700 | | | 700 | | | | | | |
| Sales to consumers, total.....mil. of cu. ft. | 151,485 | | | 108,430 | | | 147,140 | | | | | | |
| Residential.....do. | 100,881 | | | 66,906 | | | 97,271 | | | | | | |
| Industrial and commercial.....do. | 49,273 | | | 40,635 | | | 48,479 | | | | | | |
| Revenue from sales to consumers, total.....thous. of dol. | 135,259 | | | 108,519 | | | 135,198 | | | | | | |
| Residential (incl. house-heating).....do. | 100,682 | | | 80,130 | | | 99,715 | | | | | | |
| Industrial and commercial.....do. | 33,719 | | | 27,796 | | | 34,601 | | | | | | |
| Natural gas (quarterly): | | | | | | | | | | | | | |
| Customers, end of quarter, total.....thousands. | 9,772 | | | 10,107 | | | 10,688 | | | | | | |
| Residential (incl. house-heating).....do. | 9,051 | | | 9,392 | | | 9,897 | | | | | | |
| Industrial and commercial.....do. | 715 | | | 708 | | | 784 | | | | | | |
| Sales to consumers, total.....mil. of cu. ft. | 596,470 | | | 521,774 | | | 646,412 | | | | | | |
| Residential (incl. house-heating).....do. | 161,527 | | | 76,503 | | | 185,386 | | | | | | |
| Industrial and commercial.....do. | 428,608 | | | 439,602 | | | 452,909 | | | | | | |
| Revenue from sales to consumers, total.....thous. of dol. | 197,743 | | | 150,444 | | | 220,431 | | | | | | |
| Residential (incl. house-heating).....do. | 104,348 | | | 59,770 | | | 117,858 | | | | | | |
| Industrial and commercial.....do. | 92,106 | | | 89,584 | | | 100,887 | | | | | | |

FOODSTUFFS AND TOBACCO

| ALCOHOLIC BEVERAGES | | | | | | | | | | | | | |
|--------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Fermented malt liquors:† | | | | | | | | | | | | | |
| Production.....thous. of bbl. | 8,342 | 9,044 | 8,833 | 8,738 | 9,064 | 6,650 | 6,063 | 6,392 | 6,258 | 6,989 | 7,381 | 7,264 | 8,429 |
| Tax-paid withdrawals.....do. | 7,939 | 8,776 | 8,842 | 8,369 | 8,303 | 6,126 | 6,398 | 5,952 | 5,475 | 6,701 | 6,977 | 6,752 | 8,140 |
| Stocks, end of month.....do. | 9,565 | 9,453 | 9,050 | 9,021 | 9,414 | 9,647 | 9,023 | 9,167 | 9,670 | 9,634 | 9,733 | 9,956 | 9,882 |
| Distilled spirits: | | | | | | | | | | | | | |
| Apparent consumption for beverage purposes†.....thous. | 11,392 | 12,283 | 12,378 | 14,216 | 23,893 | 18,047 | 18,323 | 13,140 | 12,871 | 12,139 | 13,129 | 12,155 | ----- |
| Imports§.....thous. of proof gal. | 1,071 | 834 | 797 | 1,172 | 1,414 | 1,185 | 1,773 | 1,206 | 980 | 943 | 1,099 | 957 | ----- |
| Production†.....thous. of tax gal. | 16,429 | 13,726 | 14,187 | 22,218 | 39,559 | 7,735 | 4,193 | 9,489 | 21,884 | 32,809 | 28,705 | 25,955 | 23,260 |
| Tax-paid withdrawals†.....do. | 6,039 | 5,650 | 7,171 | 8,639 | 16,497 | 16,030 | 10,342 | 8,080 | 8,937 | 6,660 | 7,210 | 6,785 | 6,292 |
| Stocks, end of month†.....do. | 525,828 | 529,523 | 533,051 | 537,471 | 542,907 | 527,337 | 516,406 | 513,896 | 523,546 | 545,365 | 554,119 | 580,827 | 593,936 |
| Whisky: | | | | | | | | | | | | | |
| Imports§.....thous. of proof gal. | 1,002 | 793 | 757 | 1,102 | 1,310 | 1,108 | 709 | 1,059 | 892 | 866 | 996 | 863 | ----- |
| Production†.....thous. of tax gal. | 9,932 | 7,197 | 7,229 | 9,790 | 9,732 | 56 | 655 | 4,702 | 13,768 | 20,635 | 20,853 | 20,041 | 14,933 |
| Tax-paid withdrawals†.....do. | 3,280 | 2,975 | 3,372 | 4,258 | 7,770 | 7,819 | 5,507 | 4,050 | 4,177 | 3,575 | 3,616 | 3,305 | 3,132 |
| Stocks, end of month†.....do. | 464,825 | 468,432 | 471,273 | 474,956 | 474,507 | 463,407 | 456,366 | 455,409 | 462,090 | 479,241 | 494,969 | 511,242 | 521,467 |

* Revised. † Not available for publication. ‡ Data continue series published in the 1942 Supplement; data for December 1941-February 1945 will be published later.

§ For 1943-44 revisions for the indicated series see notes at bottom of pp. 8-23 and 8-24 of the May 1945 Survey.

⊗ Data for sheets, rods and tubes are comparable with similar data in the 1942 Supplement; see note in September 1946 Survey regarding change in data for molding, etc. materials.

¶ New series. For data for 1939-45 for production of electricity by industrial establishments see p. 32 of the February 1947 Survey; minor revisions for January to October 1946 will be shown later. The new series for plastic products are from the Bureau of the Census and include all known producers; earlier figures and a description of the data will be published later.

† Revised series. Gas statistics are shown on a revised basis beginning in the December 1946 Survey; see note in that issue. For revised figures for the indicated series on electric power production, except the series for "other producers," see p. 32 of the February 1947 Survey; minor revisions for January to October 1946 will be published later. See note marked "†" on p. 8-26 of the September 1947 Survey for reference to revisions for 1940-45 for consumption of distilled spirits for beverage purposes and for the fiscal years 1941-46 for the other alcoholic beverage series; the note also explains a change in the series for stocks of distilled spirits; see p. 8-23 for tax-paid withdrawals of ethyl alcohol, which are largely for beverage purposes.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|---------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| FOODSTUFFS AND TOBACCO—Continued | | | | | | | | | | | | | |
| ALCOHOLIC BEVERAGES—Continued | | | | | | | | | | | | | |
| Rectified distilled spirits, production, total† | | | | | | | | | | | | | |
| Whisky.....thous. of proof gal. | 7,021 | 7,831 | 8,083 | 9,689 | 16,480 | 17,593 | 12,732 | 8,939 | 9,307 | 8,423 | 8,661 | 8,140 | 8,342 |
| Wine and distilling materials: | 6,522 | 7,012 | 7,522 | 8,965 | 15,126 | 16,254 | 11,656 | 8,217 | 8,655 | 7,664 | 7,928 | 7,307 | 7,320 |
| Sparkling wines: | | | | | | | | | | | | | |
| Imports.....thous. of wine gal. | 12 | 9 | 9 | 21 | 28 | 28 | 18 | 26 | 12 | 11 | 25 | 22 | |
| Production.....do. | 146 | 74 | 48 | 36 | 29 | 57 | 97 | 101 | 78 | 144 | 166 | 64 | |
| Tax-paid withdrawals†.....do. | 44 | 51 | 64 | 84 | 155 | 158 | 147 | 64 | 54 | 57 | 50 | 62 | |
| Stocks, end of month†.....do. | 1,975 | 1,990 | 1,964 | 1,911 | 1,774 | 1,656 | 1,581 | 1,599 | 1,613 | 1,685 | 1,792 | 1,791 | |
| Still wines: | | | | | | | | | | | | | |
| Imports.....do. | 129 | 99 | 117 | 194 | 175 | 138 | 139 | 237 | 160 | 214 | 183 | 168 | |
| Production.....do. | 309 | 383 | 2,479 | 31,575 | 53,331 | 11,429 | 2,675 | 657 | 495 | 799 | 647 | 413 | |
| Tax-paid withdrawals†.....do. | 6,249 | 6,627 | 6,680 | 8,180 | 11,431 | 11,220 | 10,282 | 9,471 | 8,804 | 10,904 | 9,953 | 7,982 | |
| Stocks, end of month†.....do. | 160,211 | 152,534 | 146,660 | 171,239 | 215,860 | 216,517 | 205,083 | 195,888 | 186,843 | 176,213 | 166,314 | 158,141 | |
| Distilling materials produced at wineries.....do. | 661 | 1,867 | 7,948 | 49,423 | 96,627 | 31,179 | 8,596 | 2,554 | 1,081 | 2,248 | 2,096 | 2,610 | |
| DAIRY PRODUCTS | | | | | | | | | | | | | |
| Butter, creamery: | | | | | | | | | | | | | |
| Price, wholesale, 92-score (N. Y.)†.....dol. per lb. | .633 | .674 | .745 | .802 | .718 | .794 | .881 | .851 | .836 | .802 | .828 | .801 | .803 |
| Production (factory)†.....thous. of lb. | 157,366 | 148,790 | 116,550 | 101,310 | 91,890 | 69,220 | 74,490 | 79,080 | 77,095 | 89,990 | 100,025 | 132,675 | 135,560 |
| Stocks, cold storage, end of month.....do. | 51,625 | 83,286 | 88,364 | 76,912 | 72,125 | 46,002 | 23,672 | 13,399 | 7,323 | 3,482 | 4,449 | 18,638 | 51,334 |
| Cheese: | | | | | | | | | | | | | |
| Imports.....do. | 401 | 459 | 647 | 615 | 1,139 | 1,554 | 1,519 | 1,369 | 1,915 | 1,591 | 2,012 | 2,010 | |
| Price, wholesale, American Cheddars (Wisconsin) (1).....dol. per lb. | | .338 | .345 | .365 | .386 | .391 | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| Production, total (factory)†.....thous. of lb. | 151,326 | 136,425 | 110,140 | 92,760 | 82,720 | 61,760 | 60,025 | 65,140 | 64,630 | 80,615 | 96,230 | 129,100 | 131,980 |
| American whole milk†.....do. | 125,016 | 113,505 | 89,610 | 74,480 | 64,170 | 44,480 | 42,395 | 45,740 | 46,730 | 58,915 | 73,490 | 102,620 | 106,440 |
| Stocks, cold storage, end of month.....do. | 161,363 | 185,202 | 202,597 | 193,849 | 176,626 | 162,682 | 147,683 | 124,106 | 110,125 | 103,350 | 105,263 | 123,507 | 165,176 |
| American whole milk.....do. | 130,005 | 151,661 | 169,571 | 164,651 | 151,455 | 139,355 | 128,188 | 107,236 | 93,570 | 88,737 | 91,907 | 106,712 | 139,863 |
| Condensed and evaporated milk: | | | | | | | | | | | | | |
| Exports:.....do. | | | | | | | | | | | | | |
| Condensed.....do. | 8,562 | 9,201 | 8,161 | 10,316 | 15,726 | 14,655 | 8,831 | 7,818 | 6,868 | 8,830 | 16,123 | 10,222 | |
| Evaporated.....do. | 42,869 | 42,071 | 41,394 | 55,278 | 72,852 | 49,110 | 25,680 | 19,601 | 16,073 | 18,745 | 30,555 | 32,766 | |
| Prices, wholesale, U. S. average: | | | | | | | | | | | | | |
| Condensed (sweetened).....dol. per case | 8.26 | 8.26 | 8.26 | 8.26 | 8.40 | 8.80 | 8.80 | 8.93 | 9.12 | 9.12 | 9.32 | 9.69 | 9.71 |
| Evaporated (unsweetened).....do. | 5.18 | 5.19 | 5.20 | 5.24 | 5.31 | 5.52 | 5.70 | 5.83 | 5.99 | 6.00 | 6.08 | 6.41 | 6.48 |
| Production: | | | | | | | | | | | | | |
| Condensed (sweetened): | | | | | | | | | | | | | |
| Bulk goods.....thous. of lb. | 117,535 | 74,095 | 32,470 | 23,045 | 20,330 | 12,095 | 14,165 | 14,720 | 14,530 | 17,575 | 25,255 | 44,300 | 47,890 |
| Case goods.....do. | 12,950 | 15,025 | 17,150 | 21,100 | 19,500 | 12,650 | 11,475 | 8,575 | 8,800 | 10,275 | 13,900 | 13,500 | 12,500 |
| Evaporated (unsweetened), case goods.....do. | 410,000 | 347,600 | 287,400 | 218,000 | 200,500 | 152,500 | 156,400 | 176,000 | 193,000 | 270,400 | 332,000 | 449,700 | 443,700 |
| Stocks, manufacturers', case goods, end of month: | | | | | | | | | | | | | |
| Condensed (sweetened).....thous. of lb. | 7,186 | 9,477 | 10,561 | 11,333 | 9,463 | 8,501 | 9,362 | 8,682 | 9,124 | 8,622 | 8,777 | 11,619 | 12,615 |
| Evaporated (unsweetened).....do. | 439,005 | 501,177 | 474,600 | 379,712 | 284,061 | 223,940 | 158,551 | 95,433 | 73,267 | 63,117 | 80,752 | 177,715 | 337,507 |
| Fluid milk: | | | | | | | | | | | | | |
| Price, dealers', standard grade.....dol. per 100 lb. | 4.41 | 4.49 | 4.60 | 4.71 | 4.87 | 4.97 | 5.02 | 5.08 | 5.10 | 5.09 | 5.07 | 5.03 | 5.04 |
| Production.....mil. of lb. | 12,821 | 12,102 | 10,595 | 9,259 | 8,845 | 8,015 | 8,056 | 8,354 | 8,219 | 9,273 | 10,002 | 11,842 | 12,309 |
| Utilization in manufactured dairy products† | | | | | | | | | | | | | |
|mil. of lb. | 5,814 | 5,344 | 4,223 | 3,654 | 3,319 | 2,479 | 2,568 | 2,766 | 2,769 | 3,360 | 3,876 | 5,182 | 5,242 |
| Dried skim milk: | | | | | | | | | | | | | |
| Exports:.....thous. of lb. | 21,538 | 28,309 | 29,808 | 25,188 | 43,660 | 33,512 | 28,515 | 19,710 | 9,671 | 6,810 | 5,383 | 16,336 | |
| Price, wholesale, for human consumption, U. S. average.....dol. per lb. | .096 | .095 | .097 | .102 | .111 | .124 | .141 | .146 | .149 | .148 | .143 | .144 | .148 |
| Production, total†.....thous. of lb. | 102,020 | 81,830 | 51,925 | 41,000 | 31,935 | 22,850 | 31,525 | 38,570 | 40,425 | 53,940 | 65,670 | 92,400 | 94,000 |
| For human consumption.....do. | 96,730 | 78,500 | 49,450 | 39,740 | 31,000 | 22,320 | 30,780 | 37,700 | 39,650 | 52,750 | 64,100 | 90,250 | 91,600 |
| Stocks, manufacturers', end of month, total | | | | | | | | | | | | | |
|thous. of lb. | 115,105 | 95,744 | 76,713 | 50,237 | 35,732 | 21,172 | 15,243 | 14,972 | 18,559 | 32,202 | 40,750 | 63,577 | 81,206 |
| For human consumption.....do. | 111,155 | 91,028 | 74,030 | 48,813 | 35,359 | 20,450 | 14,613 | 14,613 | 18,155 | 31,806 | 40,293 | 62,469 | 80,093 |
| FRUITS AND VEGETABLES | | | | | | | | | | | | | |
| Apples: | | | | | | | | | | | | | |
| Production (crop estimate).....thous. of bu. | | | | | | | 2113,041 | | | | | | 100,049 |
| Shipments, carlot.....no. of carloads | 627 | 1,428 | 783 | 6,214 | 8,624 | 5,531 | 3,918 | 4,516 | 4,729 | 4,175 | 3,523 | 1,720 | 678 |
| Stocks, cold storage, end of month.....thous. of bu. | 329 | 219 | 264 | 10,435 | 34,322 | 35,790 | 29,807 | 22,772 | 16,567 | 10,244 | 4,896 | 1,855 | 365 |
| Citrus fruits, carlot shipments.....no. of carloads | 13,857 | 9,429 | 9,027 | 7,403 | 10,430 | 13,275 | 10,499 | 16,695 | 14,701 | 15,218 | 15,061 | 14,233 | 12,349 |
| Frozen fruits, stocks, cold storage, end of month.....thous. of lb. | 332,345 | 374,363 | 408,119 | 402,821 | 405,838 | 392,077 | 369,470 | 343,539 | 316,819 | 281,762 | 247,895 | 250,326 | 282,581 |
| Frozen vegetables, stocks, cold storage, end of month.....thous. of lb. | 251,687 | 307,574 | 326,603 | 353,239 | 347,466 | 323,991 | 291,752 | 254,853 | 226,619 | 196,628 | 176,118 | 160,423 | 186,166 |
| Potatoes, white: | | | | | | | | | | | | | |
| Price, wholesale (N. Y.).....dol. per 100 lb. | 4.106 | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) |
| Production (crop estimate)†.....thous. of bu. | | | | | | | 384,407 | | | | | | 391,833 |
| Shipments, carlot.....no. of carloads | 25,272 | 22,313 | 19,028 | 25,187 | 25,504 | 20,136 | 15,974 | 22,092 | 21,484 | 27,753 | 23,405 | 23,059 | 32,993 |
| GRAINS AND GRAIN PRODUCTS | | | | | | | | | | | | | |
| Exports, principal grains, including flour and meal§ | | | | | | | | | | | | | |
|thous. of bu. | 62,684 | 64,286 | 67,855 | 51,799 | 47,281 | 42,395 | 42,447 | 49,622 | 42,269 | 38,298 | 39,312 | 35,838 | |
| Barley: | | | | | | | | | | | | | |
| Exports, including malt§.....do. | 3,299 | 4,277 | 4,234 | 2,713 | 2,641 | 859 | 1,370 | 465 | 794 | 1,157 | 668 | 1,106 | |
| Prices, wholesale (Minneapolis): | | | | | | | | | | | | | |
| No. 2, malting.....dol. per bu. | 2.136 | 2.259 | 2.299 | 2.276 | 2.379 | 2.590 | 2.711 | 2.675 | 2.359 | 2.433 | 2.381 | 2.354 | 2.267 |
| No. 3, straight.....do. | 2.032 | 2.130 | 2.143 | 2.117 | 2.218 | 2.426 | 2.510 | 2.507 | 2.142 | 2.243 | 2.267 | 2.227 | 2.099 |
| Production (crop estimate)†.....thous. of bu. | | | | | | | 279,182 | | | | | | 307,070 |
| Receipts, principal markets.....do. | 8,252 | 7,974 | 27,113 | 25,093 | 14,605 | 12,111 | 10,021 | 8,679 | 5,773 | 5,737 | 5,717 | 7,270 | 8,455 |
| Stocks, domestic, end of month: | | | | | | | | | | | | | |
| Commercial.....do. | 7,753 | 5,593 | 14,263 | 27,444 | 29,679 | 27,846 | 26,581 | 24,205 | 21,521 | 15,756 | 10,879 | 7,597 | 6,740 |
| On farms*.....do. | 30,000 | | 160,403 | | | | 117,300 | | | 68,696 | | | 26,600 |

* Revised. † No quotation. ‡ December 1 estimate. § No comparable data. ¶ July 1 estimate.

† See note in June 1945 Survey for explanation of this price series. ‡ See note marked "†" on p. S-29.

§ Distilling materials produced at wineries, shown separately above, were combined with production of still wines as shown in the Survey through the February 1947 issue.

¶ Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later. The 1947 export figures for dairy products and grains have been revised to include Army civilian supply exports (see note marked "§" on p. S-20).

• Revised 1943 data are on p. 13 of the March 1945 Survey; see note on item in February 1945 issue regarding earlier data; 1944-45 revisions are on p. 23 of October 1947 Survey. Final revisions for 1946 will be shown later.

* New series. Data beginning 1936 will be shown later; the June figure includes old crop only.

† Revised series. See note marked "†" on p. S-26 of the September 1947 Survey for reference to revised figures for fiscal years 1941-46 for the indicated alcoholic beverage series. Revisions for all months of the fiscal year 1947 are shown on p. S-27 of the November 1947 Survey. See notes marked "†" on pp. S-25 and S-26 of the April 1946 Survey for references to 1941-43 revisions for the indicated series for manufactured dairy products; data for 1944-45 for these series and for utilization of milk in manufactured dairy products are shown on p. 16 of the April 1946 Survey but there have been further revisions in the 1944 and 1945 figures for total cheese and 1945 figures for dry skim milk which are shown on p. 23 of the October 1947 Survey; final revisions for the production of all manufactured dairy products for 1946 will be shown later. Revisions for 1920-43 for utilization of milk in manufactured dairy products will also be shown later. January 1940-December 1945 revisions for milk production are on p. 19 of the April 1947 Survey. Revised estimates of potato crop and barley for 1929-44 are available on request.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|--------|--------|-----------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| FOODSTUFFS AND TOBACCO—Continued | | | | | | | | | | | | | |
| GRAINS AND GRAIN PRODUCTS—Con. | | | | | | | | | | | | | |
| Corn: | | | | | | | | | | | | | |
| Exports, including meal\$.....thous. of bu. | 18,014 | 16,353 | 5,827 | 1,951 | 1,425 | 1,496 | 1,027 | 603 | 942 | 783 | 1,213 | 382 | 8,962 |
| Grindings, wet process.....do. | 11,794 | 11,635 | 11,083 | 11,100 | 11,387 | 10,831 | 9,762 | 10,180 | 8,386 | 7,999 | 7,804 | 8,408 | |
| Prices, wholesale: | | | | | | | | | | | | | |
| No. 3, white (Chicago).....dol. per bu. | 2.143 | (1) | 2.740 | 2.583 | 2.508 | 2.465 | 2.572 | 2.692 | (1) | 2.442 | 2.390 | 2.388 | 2.445 |
| No. 3, yellow (Chicago).....do. | 2.097 | 2.169 | 2.346 | 2.513 | 2.403 | 2.423 | 2.611 | 2.711 | 2.253 | 2.301 | 2.318 | 2.306 | 2.316 |
| Weighted average, 5 markets, all grades.....do. | 1.948 | 1.995 | 2.295 | 2.370 | 2.277 | 2.345 | 2.489 | 2.582 | 2.152 | 2.229 | 2.257 | 2.249 | 2.259 |
| Production (crop estimate)†.....mil. of bu. | 40.2 | 39.1 | 22.8 | 22.6 | 21.1 | 22.7 | 2,401.0 | 20.0 | 26.9 | 18.3 | 12.3 | 19.7 | 3,328.9 |
| Receipts, principal markets.....do. | | | | | | | | | | | | | 23.2 |
| Stocks, domestic, end of month: | | | | | | | | | | | | | |
| Commercial.....do. | 11.2 | 11.8 | 7.7 | 7.9 | 7.3 | 11.6 | 13.2 | 17.0 | 21.0 | 9.3 | 7.5 | 5.0 | 5.2 |
| On farms‡.....do. | 677.4 | | | 254.2 | | | 1,517.9 | | | 849.2 | | | 426.5 |
| Oats: | | | | | | | | | | | | | |
| Exports, including oatmeal\$.....thous. of bu. | 2,767 | 2,274 | 950 | 663 | 609 | 2,728 | 1,741 | 2,614 | 1,291 | 1,091 | 1,113 | 610 | |
| Price, wholesale, No. 3, white (Chicago).....dol. per bu. | 1.021 | .962 | 1.014 | 1.161 | 1.201 | 1.241 | 1.273 | 1.401 | 1.273 | 1.298 | 1.253 | 1.170 | 1.111 |
| Production (crop estimate)†.....mil. of bu. | 12.2 | 16.2 | 29.2 | 22.5 | 16.7 | 7.4 | 1,216.0 | 8.1 | 12.0 | 5.8 | 8.2 | 9.2 | 1,425.8 |
| Receipts, principal markets.....do. | | | | | | | | | | | | | 8.7 |
| Stocks, domestic, end of month: | | | | | | | | | | | | | |
| Commercial.....do. | 5.0 | 5.6 | 15.9 | 26.6 | 27.8 | 22.1 | 14.0 | 10.0 | 7.1 | 3.3 | 1.9 | 1.7 | 1.8 |
| On farms‡.....do. | 257.1 | | | 964.3 | | | 743.8 | | | 410.6 | | | 171.5 |
| Rice: | | | | | | | | | | | | | |
| Exports\$.....thous. of lb. | 52,403 | 22,897 | 21,592 | 61,944 | 118,889 | 140,214 | 90,675 | 31,628 | 104,880 | 63,322 | 93,137 | 14,014 | |
| Imports\$.....do. | 3 | 1 | 2 | 204 | 1,236 | 424 | 209 | 267 | 647 | 1,266 | 480 | 897 | |
| Price, wholesale, head, clean (N. O.).....dol. per lb. | .090 | .126 | .125 | .118 | .114 | .121 | .122 | .127 | .134 | .129 | .129 | .138 | .159 |
| Production (crop estimate)†.....thous. of bu. | | | | | | | 79,345 | | | | | | 79,247 |
| California: | | | | | | | | | | | | | |
| Receipts, domestic, rough.....thous. of bags (100 lb.) | 300 | 207 | 41 | 75 | 1,490 | 877 | 510 | 582 | 820 | 728 | 1,021 | 634 | 386 |
| Shipments from mills, milled rice.....do. | 242 | 184 | 142 | 69 | 443 | 449 | 292 | 549 | 796 | 273 | 668 | 476 | 339 |
| Stocks, rough and cleaned (in terms of cleaned), end of month.....thous. of bags (100 lb.) | 171 | 169 | 69 | 41 | 536 | 639 | 669 | 527 | 284 | 481 | 490 | 404 | 292 |
| Southern States (La., Tex., Ark., Tenn.): | | | | | | | | | | | | | |
| Receipts, rough, at mills.....thous. of bbl. (162 lb.) | 107 | 99 | 573 | 3,306 | 5,790 | 2,644 | 942 | 621 | 365 | 203 | 155 | 207 | 129 |
| Shipments from mills, milled rice.....thous. of pockets (100 lb.) | 246 | 477 | 309 | 1,784 | 3,051 | 2,889 | 1,625 | 1,307 | 890 | 953 | 1,217 | 832 | 502 |
| Stocks, domestic, rough and cleaned (in terms of cleaned), end of month.....thous. of pockets (100 lb.) | 476 | 119 | 393 | 2,002 | 4,863 | 4,755 | 4,141 | 3,562 | 3,071 | 2,359 | 1,346 | 735 | 389 |
| Rye: | | | | | | | | | | | | | |
| Price, wholesale, No. 2 (Minneapolis).....dol. per bu. | 3.029 | 2.541 | 2.466 | 2.817 | 2.853 | 2.824 | 2.769 | 2.763 | 2.410 | 2.562 | 2.530 | 2.412 | 2.247 |
| Production (crop estimate)†.....thous. of bu. | | | | | | | 25,977 | | | | | | 26,671 |
| Receipts, principal markets.....do. | 102 | 177 | 2,634 | 2,084 | 1,366 | 512 | 443 | 437 | 367 | 609 | 654 | 657 | 438 |
| Stocks, commercial, domestic, end of month.....do. | 1,024 | 556 | 2,214 | 3,824 | 4,262 | 4,427 | 4,072 | 3,636 | 2,688 | 1,521 | 1,286 | 954 | 531 |
| Wheat: | | | | | | | | | | | | | |
| Disappearance, domestic†.....do. | 224,740 | | | 326,531 | | | 325,626 | | | 317,047 | | | 284,763 |
| Exports, wheat, including flour\$.....do. | 58,237 | 41,383 | 56,843 | 46,278 | 41,862 | 36,834 | 38,301 | 45,940 | 39,147 | 34,624 | 36,206 | 33,740 | |
| Wheat only\$.....do. | 10,354 | 20,047 | 38,605 | 29,132 | 26,366 | 25,933 | 26,421 | 24,502 | 27,121 | 19,397 | 21,118 | 19,979 | |
| Prices, wholesale: | | | | | | | | | | | | | |
| No. 1, Dark Northern Spring (Minneapolis).....dol. per bu. | 2.719 | 2.935 | 2.710 | 2.840 | 3.167 | 3.231 | 3.160 | 3.198 | 2.765 | 2.667 | 2.669 | 2.625 | 2.610 |
| No. 2, Red Winter (St. Louis).....do. | 2.587 | 2.368 | 2.384 | 2.704 | 2.952 | 3.020 | 3.089 | 3.120 | 2.866 | 2.538 | 2.546 | 2.440 | 2.325 |
| No. 2, Hard Winter (Kansas City).....do. | 2.373 | 2.288 | 2.318 | 2.646 | 2.953 | 2.999 | 3.011 | 3.032 | 2.508 | 2.454 | 2.445 | 2.402 | 2.294 |
| Weighted av., 6 mts., all grades.....do. | 2.563 | 2.400 | 2.472 | 2.801 | 3.093 | 3.154 | 3.110 | 3.149 | 2.684 | 2.609 | 2.612 | 2.596 | 2.562 |
| Production (crop estimate)†.....mil. of bu. | | | | | | | 1,364.9 | | | | | | 1,241.8 |
| Spring wheat.....do. | | | | | | | 296.9 | | | | | | 289.8 |
| Winter wheat.....do. | | | | | | | 1,068.0 | | | | | | 952.0 |
| Receipts, principal markets.....thous. of bu. | 26,156 | 121,869 | 91,847 | 72,625 | 68,872 | 43,297 | 40,028 | 36,469 | 16,296 | 14,895 | 23,300 | 31,475 | 49,299 |
| Stocks, end of month: | | | | | | | | | | | | | |
| Canada (Canadian wheat).....do. | 67,654 | 55,675 | 58,688 | 113,863 | 146,292 | 130,639 | 126,282 | 115,735 | 102,328 | 85,835 | 72,082 | 53,096 | 48,305 |
| United States, domestic, total†.....do. | 483,813 | | | 1,122,206 | | | 796,618 | | | 479,648 | | | 1,194,890 |
| Commercial.....do. | 8,129 | 114,913 | 167,718 | 175,069 | 166,359 | 152,400 | 141,889 | 124,041 | 97,989 | 70,174 | 56,694 | 49,622 | 434,065 |
| Country mills and elevators†.....do. | 10,116 | | | 196,631 | | | 112,279 | | | 75,382 | | | 29,882 |
| Merchant mills.....do. | 24,591 | | | 136,216 | | | 111,730 | | | 73,714 | | | 434,300 |
| On farms‡.....do. | 40,477 | | | 610,300 | | | 427,620 | | | 256,533 | | | 94,312 |
| Wheat flour: | | | | | | | | | | | | | |
| Exports\$.....thous. of bbl. | 5,932 | 4,540 | 3,880 | 3,648 | 3,297 | 2,319 | 2,528 | 4,561 | 2,550 | 3,240 | 3,210 | 2,928 | |
| Grindings of wheat@.....thous. of bu. | 55,462 | 57,031 | 59,619 | 56,720 | 60,393 | 54,188 | 53,734 | 55,141 | 47,974 | 49,631 | 50,288 | 51,883 | 52,416 |
| Prices, wholesale: | | | | | | | | | | | | | |
| Standard patents (Minneapolis).....dol. per bbl. | 12.60 | 13.27 | 12.72 | 13.57 | 14.56 | 14.97 | 14.23 | 14.06 | 12.34 | 12.08 | 11.91 | 11.46 | 11.31 |
| Winter, straights (Kansas City).....do. | 11.03 | 10.77 | 10.97 | 12.03 | 13.13 | 13.51 | 13.21 | 13.20 | 11.24 | 11.07 | 10.92 | 10.61 | 9.98 |
| Production (Census)@.....thous. of bbl. | 12,332 | 12,713 | 13,233 | 12,646 | 13,432 | 12,080 | 11,977 | 12,334 | 10,715 | 11,106 | 11,265 | 11,566 | 11,646 |
| Operations, percent of capacity.....do. | 83.9 | 83.2 | 86.4 | 85.8 | 84.3 | 89.0 | 78.0 | 80.0 | 78.1 | 69.0 | 72.6 | 77.7 | 80.3 |
| Offal.....do. | 928 | 944 | 996 | 948 | 1,012 | 899 | 896 | 922 | 804 | 831 | 845 | 861 | 876 |
| Stocks held by mills, end of month@.....thous. of bbl. | 2,237 | | | 2,523 | | | 3,016 | | | 2,567 | | | 2,344 |
| LIVESTOCK | | | | | | | | | | | | | |
| Livestock slaughter (Federally inspected): | | | | | | | | | | | | | |
| Calves.....thous. of animals | 621 | 656 | 628 | 719 | 813 | 762 | 673 | 586 | 511 | 566 | 550 | 509 | 620 |
| Cattle.....do. | 1,207 | 1,274 | 1,217 | 1,407 | 1,497 | 1,337 | 1,346 | 1,312 | 977 | 986 | 899 | 877 | 1,109 |
| Hogs.....do. | 3,653 | 3,455 | 2,731 | 2,948 | 3,978 | 5,501 | 6,254 | 5,223 | 3,746 | 3,574 | 3,343 | 3,562 | 4,235 |
| Sheep and lambs.....do. | 1,329 | 1,280 | 1,253 | 1,458 | 1,697 | 1,471 | 1,451 | 1,347 | 1,209 | 1,175 | 1,045 | 978 | 1,262 |
| Cattle and calves: | | | | | | | | | | | | | |
| Receipts, principal markets.....thous. of animals | 2,384 | 2,435 | 2,259 | 3,199 | 3,353 | 2,617 | 2,233 | 2,028 | 1,485 | 1,680 | 1,878 | 1,898 | 2,127 |
| Shipments, feeder, to 8 corn belt States.....do. | 120 | 157 | 198 | 395 | 621 | 321 | 145 | 103 | 59 | 54 | 82 | 117 | 134 |
| Prices, wholesale: | | | | | | | | | | | | | |
| Steers, beef (Chicago).....dol. per 100 lb. | 25.87 | 27.85 | 28.84 | 29.54 | 29.82 | 29.52 | 29.08 | 29.16 | 26.43 | 26.71 | 28.43 | 31.33 | 34.72 |
| Steers, stocker and feeder (Kansas City).....do. | 21.11 | 21.91 | 21.22 | 21.65 | 20.96 | 21.32 | 23.59 | 26.31 | 24.15 | 25.57 | 26.62 | 27.60 | 26.96 |
| Calves, vealers (Chicago).....do. | 24.00 | 22.94 | 22.63 | 24.30 | 25.38 | 25.81 | 26.75 | 29.06 | 27.00 | 25.65 | 25.75 | 28.90 | 27.25 |

* Revised. 1 No quotation. 2 December 1 estimate. 3 July 1 estimate.

4 Includes old crop only; new corn not reported in stock figures until crop year begins in October and new oats and wheat until crop year begins in July.

5 Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later. The unit of measurement for wheat flour exports was erroneously shown as thousands of bushels in the August 1947 Survey and earlier issues; the figures have been shown in thousands of barrels in all issues.

6 The total includes wheat owned by the Commodity Credit Corporation stored off farms in its own steel and wooden bins not included in the break-down of stocks.

7 Revised series. The indicated grain series have been revised as follows: Crop estimate for oats, 1932-44, and rice, 1937-44; other crop estimates, 1929-44; domestic disappearance of wheat and stocks of wheat in country mills and elevators, 1934-44; corn, oat and wheat stocks on farms and total United States stocks of domestic wheat, 1926-44; all revisions are available on request. See p. S-27 of the August 1943 Survey for revised figures for 1941-42 for feeder shipments of cattle and calves.

8 Data for June 1947 and previous months were reported by approximately 1,100 mills believed to account for about 98 percent of the industry; later data are estimates for these mills based on monthly reports of 425 mills with a daily 24-hour capacity of 401 sacks or more of flour.

9 Data include Army civilian supply shipments (see note marked "§" on p. S-20).

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|-----------|---------|---------|-----------|---------|----------|-----------|-----------|----------|---------|---------|---------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| FOODSTUFFS AND TOBACCO—Continued | | | | | | | | | | | | | |
| LIVESTOCK—Continued | | | | | | | | | | | | | |
| Hogs: | | | | | | | | | | | | | |
| Receipts, principal markets... thous. of animals... | 2,329 | 2,206 | 1,774 | 1,942 | 2,305 | 3,303 | 3,771 | 3,272 | 2,305 | 2,309 | 2,462 | 2,600 | 2,863 |
| Prices: | | | | | | | | | | | | | |
| Wholesale, average, all grades (Chicago) dol. per 100 lb. | 22.06 | 22.11 | 23.74 | 26.66 | 27.81 | 24.96 | 26.31 | 26.71 | 22.25 | 21.40 | 19.79 | 20.15 | 23.10 |
| Hog-corn ratio† bu. of corn per 100 lb. of live hogs... | 11.9 | 11.7 | 11.1 | 11.3 | 12.4 | 11.1 | 10.5 | 10.9 | 11.2 | 10.3 | 9.4 | 9.1 | 10.6 |
| Sheep and lambs: | | | | | | | | | | | | | |
| Receipts, principal markets... thous. of animals... | 1,982 | 1,677 | 1,688 | 2,452 | 2,871 | 1,833 | 1,587 | 1,428 | 1,255 | 1,259 | 1,211 | 1,382 | 1,590 |
| Shipments, feeder, to 8 corn belt States... do... | 134 | 166 | 283 | 556 | 677 | 393 | 131 | 81 | 64 | 65 | 69 | 106 | 149 |
| Prices, wholesale: | | | | | | | | | | | | | |
| Lambs, average (Chicago) dol. per 100 lb. | 24.25 | 22.75 | 20.25 | 22.50 | 22.62 | 22.75 | 24.08 | 25.00 | 23.00 | 21.50 | 24.00 | 26.75 | 29.00 |
| Lambs, feeder, good and choice (Omaha) do... | (1) | (1) | 21.31 | 22.60 | 21.05 | 20.98 | 20.53 | 21.78 | 20.44 | 19.47 | 21.61 | 22.67 | (1) |
| MEATS | | | | | | | | | | | | | |
| Total meats (including lard): | | | | | | | | | | | | | |
| Exports\$ mil. of lb. | 63 | 52 | 62 | 81 | 62 | 52 | 39 | 35 | 41 | 60 | 25 | 29 | 549 |
| Production (inspected slaughter) do... | 1,490 | 1,509 | 1,289 | 1,356 | 1,566 | 1,740 | 1,918 | 1,762 | 1,323 | 1,299 | 1,197 | 1,228 | 1,549 |
| Stocks, cold storage, end of month\$ do... | 772 | 743 | 636 | 506 | 480 | 635 | 980 | 1,130 | 1,168 | 1,097 | 990 | 941 | 949 |
| Edible offal\$ do... | 69 | 67 | 59 | 56 | 51 | 58 | 71 | 74 | 71 | 67 | 56 | 51 | 53 |
| Miscellaneous meats and meat products\$ mil. of lb. | 50 | 40 | 36 | 29 | 27 | 31 | 42 | 50 | 65 | 70 | 58 | 49 | 47 |
| Beef and veal: | | | | | | | | | | | | | |
| Exports\$ mil. of lb. | 28,532 | 18,424 | 15,263 | 23,898 | 8,400 | 5,983 | 2,360 | 1,389 | 1,467 | 9,165 | 1,050 | 712 | 542 |
| Price, wholesale, beef, fresh, native steers (Chicago) dol. per lb. | 408 | 434 | 469 | 482 | 466 | 466 | 468 | 479 | 419 | 436 | 468 | 500 | 542 |
| Production (inspected slaughter) do... | 670,038 | 702,877 | 650,486 | 749,027 | 792,883 | 707,751 | 709,306 | 698,314 | 541,914 | 563,238 | 527,314 | 503,226 | 615,696 |
| Stocks, cold storage, end of month\$ do... | 114,568 | 101,732 | 106,179 | 92,781 | 112,200 | 151,856 | 196,252 | 193,316 | 178,541 | 154,411 | 120,898 | 102,578 | 88,235 |
| Lamb and mutton: | | | | | | | | | | | | | |
| Production (inspected slaughter) do... | 54,823 | 53,172 | 52,007 | 60,043 | 69,891 | 60,790 | 61,943 | 60,107 | 55,859 | 55,049 | 47,601 | 42,039 | 51,710 |
| Stocks, cold storage, end of month\$ do... | 9,348 | 8,085 | 7,837 | 6,645 | 11,893 | 17,280 | 20,317 | 19,294 | 16,971 | 14,890 | 9,108 | 7,665 | 7,879 |
| Pork including lard, production (inspected slaughter) do... | 756,848 | 753,173 | 586,369 | 547,045 | 613,312 | 971,957 | 1,147,168 | 1,003,276 | 724,834 | 680,771 | 621,675 | 682,325 | 881,565 |
| Pork, excluding lard: | | | | | | | | | | | | | |
| Exports\$ do... | 4,651 | 1,955 | 4,651 | 2,905 | 2,412 | 3,228 | 2,400 | 1,756 | 3,216 | 3,430 | 1,794 | 2,804 | 610 |
| Prices, wholesale: | | | | | | | | | | | | | |
| Hams, smoked (Chicago) dol. per lb. | 572 | 568 | 641 | 664 | 589 | 551 | 577 | 612 | 538 | 561 | 569 | 576 | 610 |
| Fresh loins, 8-10 lb. average (New York) do... | 529 | 552 | 593 | 622 | 564 | 480 | 456 | 482 | 471 | 523 | 536 | 545 | 535 |
| Production (inspected slaughter) do... | 556,305 | 550,620 | 438,482 | 417,926 | 539,982 | 759,222 | 867,696 | 745,581 | 531,423 | 506,066 | 473,317 | 514,718 | 650,982 |
| Stocks, cold storage, end of month\$ do... | 352,814 | 331,746 | 264,124 | 195,896 | 187,971 | 304,851 | 527,159 | 659,309 | 700,114 | 661,399 | 606,827 | 580,056 | 579,105 |
| Lard: | | | | | | | | | | | | | |
| Exports\$ do... | 22,007 | 23,041 | 34,804 | 43,420 | 38,266 | 33,522 | 23,210 | 23,143 | 25,544 | 47,530 | 16,328 | 20,929 | 243 |
| Price, wholesale, refined (Chicago) dol. per lb. | 195 | 182 | 176 | 232 | 285 | 302 | 290 | 292 | 239 | 238 | 250 | 243 | 245 |
| Production (inspected slaughter) do... | 146,690 | 148,100 | 108,114 | 94,015 | 111,619 | 154,639 | 204,084 | 188,171 | 141,384 | 127,736 | 108,165 | 122,340 | 168,689 |
| Stocks, cold storage, end of month\$ do... | 175,269 | 193,736 | 162,565 | 125,579 | 90,437 | 73,377 | 113,286 | 133,513 | 137,416 | 129,028 | 138,924 | 150,660 | 174,110 |
| POULTRY AND EGGS | | | | | | | | | | | | | |
| Poultry: | | | | | | | | | | | | | |
| Price, wholesale, live fowls (Chicago) dol. per lb. | 244 | 240 | 235 | 242 | 236 | 216 | 240 | 265 | 260 | 280 | 298 | 292 | 296 |
| Receipts, 5 markets... thous. of lb. | 34,800 | 40,474 | 37,316 | 51,774 | 61,637 | 78,087 | 68,856 | 28,083 | 22,385 | 25,275 | 26,614 | 31,221 | 32,736 |
| Stocks, cold storage, end of month\$ do... | 171,260 | 174,627 | 183,024 | 205,653 | 277,870 | 317,112 | 317,463 | 293,640 | 262,374 | 205,745 | 153,424 | 117,935 | 100,417 |
| Eggs: | | | | | | | | | | | | | |
| Dried, production* do... | 14,163 | 9,113 | 1,324 | 184 | 226 | 330 | 162 | 552 | 1,029 | 1,781 | 3,213 | 5,541 | 9,081 |
| Price, wholesale, U. S. standards (Chicago) dol. per doz. | 414 | 434 | 422 | 460 | 464 | 455 | 517 | 441 | 434 | 432 | 429 | 410 | 416 |
| Production† millions. | 5,188 | 4,539 | 3,832 | 3,383 | 3,457 | 3,291 | 3,746 | 4,338 | 4,723 | 6,093 | 6,304 | 5,992 | 5,019 |
| Stocks, cold storage, end of month\$ do... | 4,203 | 4,268 | 3,807 | 2,804 | 1,818 | 824 | 196 | 269 | 374 | 1,165 | 3,091 | 4,963 | 5,662 |
| Shell... thous. of cases... | 237,303 | 241,573 | 234,434 | 216,762 | 189,596 | 164,673 | 138,192 | 122,438 | 120,665 | 143,253 | 195,954 | 248,574 | 268,401 |
| Frozen... thous. of lb. | | | | | | | | | | | | | |
| MISCELLANEOUS FOOD PRODUCTS | | | | | | | | | | | | | |
| Candy, sales by manufacturers... thous. of dol. | 43,684 | 36,258 | 42,059 | 63,089 | 84,539 | 76,085 | 73,802 | 61,994 | 65,094 | 67,698 | 56,189 | 46,075 | 45,154 |
| Cocoa or cacao beans: | | | | | | | | | | | | | |
| Imports\$ long tons. | 20,376 | 13,627 | 19,598 | 17,513 | 12,645 | 12,625 | 31,858 | 18,415 | 39,151 | 32,147 | 17,461 | 24,208 | 416 |
| Price, wholesale, accra (N. Y.)\$ dol. per lb. | 301 | 327 | 345 | 404 | 495 | 510 | 430 | 436 | 436 | 394 | 354 | 332 | 416 |
| Coffee: | | | | | | | | | | | | | |
| Clearances from Brazil, total... thous. of bags... | 1,057 | 912 | 1,452 | 1,570 | 1,412 | 1,595 | 1,550 | 1,433 | 1,220 | 1,285 | 1,413 | 1,605 | 1,294 |
| To United States do... | 545 | 564 | 1,018 | 1,117 | 903 | 1,138 | 1,173 | 1,089 | 760 | 742 | 979 | 1,118 | 733 |
| Imports\$ do... | 776 | 1,069 | 1,153 | 1,818 | 1,870 | 1,515 | 2,157 | 2,055 | 1,884 | 1,884 | 1,211 | 1,604 | 1,294 |
| Price, wholesale, Santos, No. 4 (New York) dol. per lb. | 258 | 256 | 264 | 272 | 270 | 272 | 268 | 266 | 264 | 264 | 266 | 270 | 270 |
| Visible supply, United States... thous. of bags... | 1,132 | 1,000 | 1,056 | 1,128 | 1,288 | 1,110 | 1,369 | 1,144 | 1,183 | 1,111 | 952 | 948 | 1,044 |
| Fish: | | | | | | | | | | | | | |
| Landings, fresh fish, 4 ports... thous. of lb. | 45,805 | 47,716 | 59,746 | 53,707 | 57,437 | 31,361 | 28,519 | 18,227 | 26,164 | 44,185 | 68,268 | 85,601 | 100,537 |
| Stocks, cold storage, end of month\$ do... | 90,158 | 110,611 | 132,930 | 135,870 | 140,070 | 142,102 | 133,844 | 112,046 | 90,491 | 76,743 | | | |
| Sugar: | | | | | | | | | | | | | |
| Cuban stocks, raw, end of month\$ thous. of Span. tons... | 3,316 | 2,991 | 2,591 | 2,238 | 1,121 | 813 | 215 | 455 | 1,645 | 2,911 | 3,134 | 3,810 | 3,176 |
| United States: | | | | | | | | | | | | | |
| Deliveries and supply (raw value)* short tons... | 1,020,448 | 826,310 | 800,184 | 740,720 | 902,939 | 586,012 | 378,341 | 343,020 | 388,071 | 572,746 | 562,391 | 599,958 | 818,181 |
| Deliveries, total do... | 1,000,403 | 778,978 | 792,920 | 730,790 | 887,347 | 580,194 | 366,575 | 337,591 | 382,930 | 565,503 | 557,910 | 595,614 | 814,200 |
| For domestic consumption do... | 20,045 | 47,332 | 7,264 | 9,930 | 15,592 | 5,818 | 11,766 | 5,429 | 5,141 | 7,243 | 4,481 | 4,344 | 3,981 |
| For export do... | | | | | | | | | | | | | |
| Production and receipts: | | | | | | | | | | | | | |
| Entries from off-shore areas do... | 544,243 | 719,956 | 605,075 | 465,489 | 459,202 | 443,968 | 384,783 | 81,968 | 359,259 | 566,627 | 445,309 | 512,510 | 492,872 |
| Production, cane and beet do... | 34,590 | 38,992 | 86,749 | 132,019 | 534,233 | 636,444 | 485,709 | 144,172 | 68,262 | 59,875 | (2) | 25,222 | 46,339 |
| Stocks, raw and refined, end of month\$ thous. of short tons... | 1,138 | 1,105 | 1,001 | 861 | 911 | 1,407 | 1,904 | 1,808 | 1,880 | 1,950 | 1,843 | 1,782 | 1,502 |

Revised. † No quotation. © Prices since November 1946 are not strictly comparable with earlier data; figure for November 1946, comparable with later date is \$0.545.

† January-April 1948 total, including corrections for months prior to April, 248,372 tons; corrected monthly figures are not available.

© Data continue series shown in the 1942 Supplement but suspended during the war period; unpublished data beginning October 1941 will be shown later.

† Cold storage stocks of dairy products (p. S-27) meats, poultry, and eggs include stocks owned by the U. S. Dept. of Agriculture and other Government agencies, stocks held for Armed Forces stored in warehouse space not owned or operated by them and commercial stocks; stocks held in space owned or leased by the Armed Forces are not included.

© See note in May 1946 regarding changes in the indicated series made in that issue and an earlier change beginning June 1944.

© Data are from the U. S. Department of Labor. Quotations since July 1943 have been for U. S. Standards; they are approximately comparable with earlier data for fresh firsts.

† For data for December 1941-July 1942 see note in November 1943 Survey.

† New series. Data for 1927-43 for dried eggs are on p. 20 of the March 1945 Survey. See note in April 1945 Survey for description of the new sugar series.

† Revised series. The hog-corn ratio has been shown on a revised basis beginning in the March 1943 Survey; revisions for 1913-41 will be shown later. See p. S-27 of the August 1943 Survey for 1941-42 revisions for feeder shipments of sheep and lambs and p. 24 of June 1947 issue for 1940-45 revisions for egg production.

† Data include Army civilian supply exports (see note marked "§" on p. S-20).

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|---------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| FOODSTUFFS AND TOBACCO—Continued | | | | | | | | | | | | | |
| MISCELLANEOUS FOOD PRODUCTS—Con. | | | | | | | | | | | | | |
| Sugar—Continued | | | | | | | | | | | | | |
| United States—Continued | | | | | | | | | | | | | |
| Exports, refined sugar § ¹.....short tons.. | 16,730 | 29,602 | 18,451 | 8,222 | 15,191 | 8,914 | 20,151 | 4,237 | 5,544 | 9,305 | 3,936 | 4,120 | |
| Imports: § | | | | | | | | | | | | | |
| Raw sugar, total.....do. | 360,344 | 388,185 | 346,484 | 257,629 | 275,544 | 283,839 | 384,959 | 60,784 | 274,977 | 384,684 | 210,620 | 259,755 | |
| From Cuba.....do. | 360,344 | 388,184 | 346,484 | 257,626 | 275,543 | 282,514 | 341,283 | 33,910 | 251,187 | 363,978 | 204,965 | 228,443 | |
| Refined sugar, total.....do. | 61,226 | 34,940 | 33,889 | 13,009 | 23,477 | 7,204 | 7,497 | 2,844 | 26,709 | 26,295 | 51,232 | 30,470 | |
| From Cuba.....do. | 61,226 | 34,940 | 33,889 | 13,009 | 23,477 | 7,204 | 7,497 | 2,083 | 24,782 | 25,711 | 49,787 | 30,216 | |
| Receipts from Hawaii and Puerto Rico: | | | | | | | | | | | | | |
| Raw.....do. | 234,111 | 180,095 | 222,067 | 214,590 | 169,957 | 77,752 | 33,106 | 27,308 | 63,903 | 92,002 | 60,990 | 88,014 | |
| Refined.....do. | 3,162 | 16,655 | 10,227 | 4,750 | 6,550 | 2,000 | 3,000 | 4,628 | 6,473 | 25,866 | 21,800 | 14,986 | |
| Price, refined, granulated, New York: | | | | | | | | | | | | | |
| Retail.....dol. per lb. | .096 | .095 | .095 | .098 | .097 | .098 | .098 | .098 | .093 | .093 | .093 | .092 | .091 |
| Wholesale.....do. | .081 | .081 | .082 | .082 | .082 | .082 | .082 | .080 | .077 | .076 | .076 | .075 | .074 |
| Tea, imports§.....thous. of lb. | 4,826 | 3,438 | 1,275 | 4,597 | 5,487 | 6,665 | 5,429 | 7,863 | 7,105 | 6,491 | 12,079 | 8,698 | |
| TOBACCO | | | | | | | | | | | | | |
| Leaf: | | | | | | | | | | | | | |
| Exports, incl. scrap and stems § ¹.....thous. of lb. | 39,156 | 30,396 | 28,724 | 47,802 | 59,406 | 40,905 | 46,014 | 23,601 | 33,601 | 19,194 | 27,786 | 34,744 | |
| Imports, incl. scrap and stems §.....do. | 5,624 | 5,592 | 5,258 | 5,864 | 6,720 | 5,808 | 4,007 | 7,713 | 5,725 | 7,153 | 7,075 | 6,720 | 1,757 |
| Production (crop estimate).....mil. of lb. | | | | | | | 12,108 | | | | | | |
| Stocks, dealers and manufacturers, total, end of quarter.....do. | 3,187 | | | 3,334 | | | 3,800 | | | 3,812 | | | |
| Domestic: | | | | | | | | | | | | | |
| Cigar leaf.....do. | 370 | | | 338 | | | 318 | | | 351 | | | |
| Fire-cured and dark air-cured.....do. | 243 | | | 216 | | | 210 | | | 287 | | | |
| Flue-cured and light air-cured.....do. | 2,413 | | | 2,633 | | | 3,114 | | | 3,015 | | | |
| Miscellaneous domestic.....do. | 3 | | | 3 | | | 3 | | | 3 | | | |
| Foreign grown: | | | | | | | | | | | | | |
| Cigar leaf.....do. | 36 | | | 34 | | | 32 | | | 30 | | | |
| Cigarette tobacco.....do. | 122 | | | 110 | | | 123 | | | 127 | | | |
| Manufactured products: | | | | | | | | | | | | | |
| Consumption (withdrawals): | | | | | | | | | | | | | |
| Cigarettes (small): | | | | | | | | | | | | | |
| Tax-free*.....millions. | 2,269 | 2,333 | 2,528 | 2,706 | 3,527 | 2,536 | 2,997 | 3,213 | 3,578 | 3,197 | 2,422 | 2,363 | 3,250 |
| Tax-paid.....do. | 29,097 | 29,549 | 29,060 | 29,204 | 33,237 | 27,333 | 24,799 | 27,278 | 23,349 | 29,154 | 32,036 | 28,498 | 31,701 |
| Cigars (large), tax-paid.....thousands. | 432,527 | 439,108 | 466,511 | 483,288 | 587,880 | 495,401 | 446,719 | 461,398 | 460,141 | 470,099 | 449,504 | 344,491 | 479,949 |
| Manufactured tobacco and snuff, tax-paid.....thous. of lb. | 18,762 | 21,008 | 22,184 | 24,706 | 25,009 | 18,144 | 15,683 | 19,587 | 18,071 | 20,222 | 21,821 | 19,024 | 20,280 |
| Exports, cigarettes § ¹.....millions. | 2,294 | 1,619 | 1,685 | 1,937 | 2,107 | 1,860 | 2,140 | 2,000 | 2,365 | 2,349 | 1,417 | 1,448 | |
| Price, wholesale (list price, composite): | | | | | | | | | | | | | |
| Cigarettes, f. o. b., destination.....dol. per thous. | 6.509 | 6.509 | 6.509 | 6.509 | 6.509 | 6.509 | 6.509 | 6.509 | 6.509 | 6.509 | 6.509 | 6.509 | 6.509 |
| Production, manufactured tobacco, total.....thous. of lb. | 18,357 | 21,266 | 22,629 | 24,233 | 26,251 | 18,816 | 17,283 | 19,232 | 18,549 | 21,055 | 21,340 | | |
| Fine-cut chewing.....do. | 326 | 303 | 306 | 332 | 363 | 298 | 330 | 363 | 334 | 322 | 220 | | |
| Plug.....do. | 3,001 | 4,756 | 5,002 | 4,892 | 5,143 | 3,868 | 3,221 | 3,516 | 3,522 | 3,910 | 4,200 | | |
| Scrap, chewing.....do. | 3,211 | 3,467 | 3,661 | 3,975 | 4,426 | 3,465 | 3,200 | 3,383 | 3,183 | 3,560 | 3,377 | | |
| Smoking.....do. | 8,500 | 9,345 | 9,881 | 10,840 | 11,683 | 7,888 | 6,998 | 8,017 | 7,791 | 8,910 | 9,693 | | |
| Snuff.....do. | 3,007 | 2,968 | 3,341 | 3,719 | 4,101 | 2,883 | 3,130 | 3,459 | 3,265 | 3,879 | 3,390 | | |
| Twist.....do. | 312 | 427 | 440 | 466 | 533 | 414 | 404 | 464 | 454 | 473 | 462 | | |

LEATHER AND PRODUCTS

| HIDES AND SKINS | | | | | | | | | | | | | |
|--------------------------------------------------------------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Livestock slaughter (see p. S-28). | | | | | | | | | | | | | |
| Imports, total hides and skins§.....thous. of lb. | 11,991 | 17,490 | 8,523 | 8,950 | 13,527 | 18,561 | 31,447 | 58,027 | 26,215 | 21,242 | 17,266 | 17,878 | |
| Calf and kip skins.....thous. of pieces | 27 | 23 | 28 | 94 | 79 | 82 | 102 | 310 | 98 | 76 | 86 | 54 | |
| Cattle hides.....do. | 30 | 38 | 42 | 29 | 142 | 186 | 453 | 850 | 187 | 274 | 113 | 147 | |
| Goatskins.....do. | 4,283 | 3,421 | 3,076 | 2,686 | 2,933 | 3,573 | 3,649 | 3,640 | 5,835 | 4,226 | 3,510 | 2,928 | |
| Sheep and lamb skins.....do. | 1,386 | 5,410 | 3,806 | 946 | 1,304 | 2,872 | 1,203 | 2,709 | 2,342 | 2,246 | 2,128 | 1,404 | |
| Prices, wholesale (Chicago): | | | | | | | | | | | | | |
| Hides, packers', heavy, native steers.....dol. per lb. | .231 | .262 | .295 | .301 | .343 | .375 | .359 | .308 | .257 | .222 | .248 | .272 | .274 |
| Calfskins, packers', 8 to 15 lb.....do. | .638 | .660 | .619 | .625 | .669 | .756 | .745 | .650 | .415 | .351 | .392 | .472 | .435 |
| LEATHER | | | | | | | | | | | | | |
| Exports: § | | | | | | | | | | | | | |
| Sole leather: | | | | | | | | | | | | | |
| Bends, backs and sides.....thous. of lb. | 169 | 29 | 144 | 135 | 244 | 116 | 52 | 43 | 32 | 19 | 25 | 61 | |
| Offal, including belting offal.....do. | 73 | 201 | 245 | 129 | 235 | 95 | 53 | 60 | 116 | 72 | 118 | 126 | |
| Upper leather.....thous. of sq. ft. | 3,183 | 2,722 | 2,954 | 2,674 | 3,285 | 2,943 | 1,970 | 2,086 | 2,180 | 1,789 | 2,019 | 2,289 | |
| Production: | | | | | | | | | | | | | |
| Calf and kip.....thous. of skins | 1,049 | 887 | 1,069 | 1,106 | 1,125 | 899 | 937 | 912 | 834 | 818 | 836 | 812 | |
| Cattle hide.....thous. of hides | 2,243 | 2,131 | 2,269 | 2,310 | 2,638 | 2,371 | 2,418 | 2,405 | 2,330 | 2,258 | 2,175 | 2,124 | |
| Goat and kid.....thous. of skins | 3,273 | 3,297 | 2,985 | 3,363 | 3,775 | 2,878 | 3,319 | 3,407 | 3,188 | 3,540 | 3,408 | 3,046 | |
| Sheep and lamb.....do. | 2,472 | 2,486 | 3,169 | 3,501 | 3,647 | 3,004 | 3,001 | 2,782 | 2,934 | 2,892 | 2,700 | 2,829 | |
| Prices, wholesale: | | | | | | | | | | | | | |
| Sole, oak, bends.....dol. per lb. | .593 | .602 | .637 | .662 | .750 | .808 | .813 | .784 | .742 | .653 | .632 | .676 | .672 |
| Chrome, calf, B grade, black, composite.....dol. per sq. ft. | 1.069 | 1.214 | 1.218 | 1.203 | 1.246 | 1.324 | 1.324 | 1.272 | 1.165 | 1.042 | 1.048 | 1.055 | 1.030 |
| LEATHER MANUFACTURES | | | | | | | | | | | | | |
| Gloves and mittens, production, total* | | | | | | | | | | | | | |
|thous. doz. pairs | 2,089 | | | 6,392 | | | 7,428 | | | 7,212 | | | |
| Dress and semi dress, total.....do. | 504 | | | 1,557 | | | 1,676 | | | 1,453 | | | |
| Leather.....do. | 89 | | | 334 | | | 368 | | | 277 | | | |
| Leather and fabric combination.....do. | 4 | | | 26 | | | 21 | | | 22 | | | |
| Fabric.....do. | 412 | | | 1,197 | | | 1,287 | | | 1,154 | | | |
| Work, total.....do. | 1,585 | | | 4,835 | | | 5,752 | | | 5,760 | | | |
| Leather.....do. | 103 | | | 273 | | | 294 | | | 277 | | | |
| Leather and fabric combination.....do. | 206 | | | 633 | | | 761 | | | 754 | | | |
| Fabric.....do. | 1,276 | | | 3,930 | | | 4,697 | | | 4,728 | | | |

* Revised. † Preliminary. ‡ December 1 estimate. § July 1 estimate. ¶ Data for Puerto Rico; data for Hawaii not available.

‡ Comparability of the data is affected beginning September 1947 by a change in grade for one reporting firm; September 1947 figure comparable with earlier data \$1.223.

§ Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941–February 1945 will be published later.

¶ New series. For source and a description of the series for tax-free withdrawals of cigarettes and data beginning July 1943, see p. S-29 of the March 1947 Survey. The series for gloves and mittens were first included in the May 1946 Survey; see note in that issue; data are collected quarterly only beginning the third quarter of 1947 (figures in the September and December 1947 and March 1948 columns are totals for the quarters).

† Revised series. The price for sole oak leather beginning in the October 1947 Survey is for packers', steers bends, union trim tannery run, vegetable tanning; earlier data will be shown later.

‡ Revised to include Army civilian supply exports (see note marked "§" on p. S-20).

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-----------|---------|----------|----------|---------|----------|--------|--------|--------|------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| LEATHER AND PRODUCTS—Continued | | | | | | | | | | | | | |
| LEATHER MANUFACTURES—Continued | | | | | | | | | | | | | |
| Shoes and slippers: | | | | | | | | | | | | | |
| Exports\$.....thous. of pairs..... | 414 | 429 | 409 | 358 | 505 | 430 | 486 | 398 | 519 | 450 | 565 | 510 | |
| Prices, wholesale, factory:† | | | | | | | | | | | | | |
| Men's black calf oxford.....dol. per pair..... | 6.00 | 6.30 | 6.50 | 6.50 | 6.63 | 6.75 | 7.15 | 7.15 | 7.15 | 7.15 | 7.01 | 6.60 | 6.60 |
| Women's plain black kid blucher.....do..... | 4.90 | 4.90 | 4.90 | 4.90 | 4.90 | 4.90 | 4.90 | 5.70 | 5.70 | 5.70 | 5.56 | 5.15 | 5.15 |
| Production, total†.....thous. of pairs..... | 34,131 | 33,870 | 38,982 | 40,826 | 46,765 | 37,982 | 39,849 | 40,731 | 40,290 | 44,852 | 30,412 | 33,980 | |
| Shoes, sandals, and play shoes except athletic, total.....thous. of pairs..... | 31,343 | 30,875 | 34,735 | 36,035 | 40,068 | 32,561 | 35,794 | 37,899 | 37,346 | 41,502 | 36,306 | 30,890 | |
| By type of uppers: | | | | | | | | | | | | | |
| All leather.....do..... | 29,805 | 29,728 | 33,454 | 34,767 | 38,730 | 31,294 | 34,471 | 36,118 | 35,130 | 38,972 | 34,292 | 28,473 | |
| Part leather and nonleather.....do..... | 1,532 | 1,091 | 1,174 | 1,331 | 1,374 | 1,185 | 1,331 | 1,816 | 2,126 | 2,603 | 2,319 | 2,417 | |
| By kinds:† | | | | | | | | | | | | | |
| Men's.....do..... | 8,297 | 8,053 | 8,449 | 8,812 | 10,350 | 8,192 | 9,306 | 9,264 | 9,088 | 9,951 | 9,273 | 7,790 | |
| Youths' and boys'.....do..... | 1,495 | 1,521 | 1,607 | 1,587 | 1,815 | 1,526 | 1,556 | 1,397 | 1,223 | 1,284 | 1,257 | 1,254 | |
| Women's.....do..... | 15,069 | 14,768 | 17,548 | 18,053 | 19,242 | 15,328 | 16,693 | 18,483 | 18,371 | 20,372 | 16,871 | 14,296 | |
| Misses' and children's.....do..... | 4,041 | 3,985 | 4,271 | 4,511 | 5,277 | 4,541 | 5,004 | 5,350 | 5,277 | 6,044 | 5,385 | 4,540 | |
| Infants' and babies'.....do..... | 2,441 | 2,548 | 2,860 | 3,072 | 3,414 | 2,974 | 3,235 | 3,405 | 3,387 | 3,851 | 3,520 | 3,010 | |
| Slippers for housewear.....do..... | 2,272 | 2,512 | 3,676 | 4,186 | 5,936 | 4,804 | 5,539 | 2,349 | 2,464 | 2,801 | 2,592 | 2,671 | |
| Athletic.....do..... | 301 | 308 | 363 | 395 | 492 | 351 | 349 | 304 | 298 | 365 | 337 | 259 | |
| Other footwear.....do..... | 215 | 175 | 208 | 210 | 239 | 176 | 167 | 179 | 182 | 184 | 177 | 160 | |

LUMBER AND MANUFACTURES

| LUMBER—ALL TYPES | | | | | | | | | | | | | |
|---------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Exports, total sawmill products\$.....M bd. ft..... | 131,795 | 131,226 | 156,607 | 125,140 | 102,569 | 109,799 | 72,913 | 73,414 | 57,359 | 75,102 | 56,858 | 65,453 | |
| Sawed timber\$.....do..... | 21,339 | 20,480 | 22,692 | 16,854 | 15,018 | 22,337 | 14,068 | 15,432 | 11,840 | 11,990 | 8,323 | 10,331 | |
| Boards, planks, scantlings, etc.\$.....do..... | 86,568 | 86,605 | 97,447 | 88,788 | 71,930 | 71,538 | 51,172 | 50,158 | 37,974 | 55,022 | 41,669 | 46,276 | |
| Imports, total sawmill products\$.....do..... | 60,598 | 73,073 | 96,768 | 118,356 | 148,984 | 128,161 | 173,460 | 129,394 | 142,761 | 151,024 | 145,949 | 139,146 | |
| National Lumber Manufacturers Association:† | | | | | | | | | | | | | |
| Production, total.....mil. bd. ft..... | 3,139 | 3,284 | 3,279 | 3,256 | 3,325 | 2,917 | 2,763 | 2,719 | 2,480 | 3,022 | 3,035 | 3,089 | 3,269 |
| Hardwoods.....do..... | 700 | 746 | 796 | 767 | 773 | 726 | 650 | 682 | 631 | 714 | 703 | 674 | 753 |
| Softwoods.....do..... | 2,439 | 2,538 | 2,483 | 2,489 | 2,552 | 2,191 | 2,113 | 2,037 | 1,849 | 2,308 | 2,332 | 2,415 | 2,516 |
| Shipments, total.....do..... | 2,803 | 2,897 | 3,269 | 3,318 | 3,360 | 3,164 | 2,844 | 2,788 | 2,623 | 3,020 | 2,997 | 3,077 | 3,125 |
| Hardwoods.....do..... | 596 | 660 | 776 | 741 | 802 | 779 | 641 | 672 | 697 | 749 | 738 | 752 | 714 |
| Softwoods.....do..... | 2,207 | 2,237 | 2,493 | 2,577 | 2,558 | 2,385 | 2,203 | 2,116 | 1,926 | 2,271 | 2,259 | 2,325 | 2,411 |
| Stocks, gross, end of month, total.....do..... | 5,743 | 5,961 | 6,048 | 6,078 | 6,040 | 5,801 | 5,587 | 5,739 | 5,601 | 5,604 | 5,773 | 5,805 | 5,942 |
| Hardwoods.....do..... | 2,085 | 2,171 | 2,191 | 2,217 | 2,188 | 2,135 | 2,018 | 2,140 | 2,074 | 2,040 | 2,008 | 1,931 | 1,969 |
| Softwoods.....do..... | 3,658 | 3,790 | 3,857 | 3,861 | 3,852 | 3,666 | 3,539 | 3,599 | 3,527 | 3,564 | 3,765 | 3,874 | 3,973 |
| HARDWOOD FLOORING | | | | | | | | | | | | | |
| Maple, beech, and birch: | | | | | | | | | | | | | |
| Orders, new.....M bd. ft..... | 5,900 | 6,250 | 6,500 | 6,075 | 7,150 | 6,050 | 5,975 | 7,575 | 6,600 | 7,175 | 6,175 | 5,950 | 6,175 |
| Orders, unfilled, end of month.....do..... | 11,375 | 12,225 | 13,325 | 13,875 | 14,475 | 14,650 | 14,775 | 15,800 | 16,575 | 17,350 | 17,575 | 17,225 | 15,975 |
| Production.....do..... | 5,125 | 5,575 | 5,550 | 5,825 | 7,150 | 5,550 | 6,150 | 6,300 | 6,250 | 6,525 | 6,800 | 6,200 | 7,350 |
| Shipments.....do..... | 4,875 | 5,275 | 5,575 | 5,475 | 6,500 | 5,725 | 5,300 | 6,600 | 5,925 | 6,575 | 6,225 | 5,925 | 6,750 |
| Stocks, end of month.....do..... | 1,775 | 2,050 | 1,950 | 2,425 | 3,000 | 2,675 | 3,450 | 3,250 | 3,550 | 3,650 | 4,275 | 4,475 | 4,925 |
| Oak: | | | | | | | | | | | | | |
| Orders, new.....do..... | 48,444 | 59,663 | 57,678 | 53,585 | 61,549 | 47,646 | 49,397 | 62,057 | 56,814 | 59,988 | 64,784 | 60,293 | 65,579 |
| Orders, unfilled, end of month.....do..... | 44,340 | 58,439 | 58,064 | 60,195 | 57,626 | 52,751 | 51,135 | 54,455 | 58,129 | 55,320 | 59,397 | 60,819 | (?) |
| Production.....do..... | 46,985 | 55,629 | 57,996 | 62,696 | 69,623 | 56,667 | 57,886 | 61,152 | 57,955 | 64,991 | 67,541 | 65,616 | 70,213 |
| Shipments.....do..... | 45,435 | 53,579 | 58,126 | 60,800 | 66,697 | 55,784 | 51,013 | 61,894 | 57,078 | 62,797 | 65,226 | 63,449 | 69,007 |
| Stocks, end of month.....do..... | 8,797 | 9,370 | 8,314 | 8,045 | 10,971 | 10,704 | 16,086 | 14,605 | 15,482 | 15,626 | 17,941 | 19,654 | (?) |
| SOFTWOODS | | | | | | | | | | | | | |
| Douglas fir: | | | | | | | | | | | | | |
| Exports, total sawmill products\$.....do..... | 61,332 | 67,128 | 74,432 | 74,521 | 54,651 | 68,225 | 45,946 | 48,875 | 32,893 | 47,408 | 31,107 | 33,451 | |
| Sawed timber\$.....do..... | 16,583 | 17,190 | 19,727 | 14,573 | 13,149 | 20,776 | 13,398 | 14,015 | 10,403 | 10,262 | 7,042 | 7,297 | |
| Boards, planks, scantlings, etc.\$.....do..... | 44,749 | 49,938 | 54,705 | 59,943 | 41,502 | 47,449 | 32,548 | 34,860 | 22,490 | 37,146 | 24,065 | 26,154 | |
| Prices, wholesale: | | | | | | | | | | | | | |
| Dimension, No. 1, common, 2" x 4" x 16'.....dol. per M bd. ft..... | 62.865 | 62.865 | 64.845 | 67.815 | 67.815 | 67.815 | 70.587 | 67.815 | 64.350 | 64.350 | 70.042 | 74.250 | 75.240 |
| Flooring, B and better, F. G., 1" x 4" x R.....dol. per M bd. ft..... | 95.040 | 101.970 | 104.940 | 111.870 | 111.870 | 111.870 | 116.820 | 110.880 | 104.940 | 104.940 | 116.078 | 127.215 | 132.462 |
| Southern pine: | | | | | | | | | | | | | |
| Exports, total sawmill products\$.....M bd. ft..... | 22,591 | 21,883 | 16,534 | 8,920 | 12,753 | 8,715 | 7,738 | 6,527 | 7,585 | 7,209 | 8,620 | 10,903 | |
| Sawed timber\$.....do..... | 3,444 | 1,952 | 2,214 | 1,472 | 1,656 | 1,435 | 783 | 1,402 | 1,392 | 953 | 1,147 | 2,852 | |
| Boards, planks, scantlings, etc.\$.....do..... | 19,147 | 19,931 | 14,320 | 7,448 | 11,097 | 7,280 | 6,955 | 5,125 | 6,193 | 6,256 | 7,473 | 8,051 | |
| Orders, new†.....mil. bd. ft..... | 834 | 962 | 981 | 857 | 860 | 693 | 690 | 797 | 579 | 775 | 778 | 790 | 781 |
| Orders, unfilled, end of month†.....do..... | 494 | 570 | 641 | 626 | 573 | 545 | 501 | 574 | 522 | 508 | 489 | 474 | 447 |
| Prices, wholesale, composite: | | | | | | | | | | | | | |
| Boards, No. 2 common, 1" x 6" or 8" x 12'.....dol. per M bd. ft..... | 62.656 | 63.462 | 67.978 | 71.127 | 73.311 | 74.521 | 78.316 | 78.594 | 77.728 | 77.461 | 77.007 | 75.325 | 73.204 |
| Flooring, B and better, F. G., 1" x 4" x 12-14'.....dol. per M bd. ft..... | 132.148 | 130.910 | 134.279 | 138.150 | 141.139 | 146.731 | 149.273 | 150.326 | 150.326 | 152.019 | 152.164 | 152.164 | 151.539 |
| Production†.....mil. bd. ft..... | 833 | 878 | 861 | 799 | 876 | 676 | 755 | 708 | 581 | 827 | 860 | 894 | 885 |
| Shipments†.....do..... | 789 | 886 | 910 | 872 | 913 | 721 | 734 | 724 | 631 | 789 | 797 | 805 | 808 |
| Stocks, end of month†.....do..... | 1,508 | 1,500 | 1,451 | 1,378 | 1,341 | 1,296 | 1,317 | 1,301 | 1,251 | 1,289 | 1,352 | 1,441 | 1,518 |
| West coast woods: | | | | | | | | | | | | | |
| Orders, new†.....do..... | 573 | 599 | 650 | 618 | 594 | 534 | 587 | 1,504 | 441 | 553 | 500 | 587 | 682 |
| Orders, unfilled, end of month.....do..... | 415 | 490 | 544 | 568 | 595 | 604 | 526 | 1,561 | 576 | 648 | 654 | 685 | 702 |
| Price, wholesale, Ponderosa, boards, No. 3 common, 1" x 8'.....dol. per M bd. ft..... | 54.36 | 55.23 | 56.23 | 59.01 | 61.23 | 63.22 | 61.68 | 63.55 | 64.45 | 66.16 | 66.36 | 67.66 | 68.23 |
| Production†.....mil. bd. ft..... | 671 | 711 | 718 | 650 | 676 | 514 | 517 | 1,388 | 384 | 467 | 515 | 588 | 721 |
| Shipments†.....do..... | 569 | 614 | 645 | 621 | 629 | 561 | 567 | 1,469 | 426 | 481 | 493 | 557 | 666 |
| Stocks, end of month†.....do..... | 1,035 | 1,132 | 1,205 | 1,264 | 1,311 | 1,264 | 1,217 | 1,136 | 1,094 | 1,080 | 1,102 | 1,131 | 1,186 |

† Revised. † See note marked "†". † Data continue series published in the 1942 Supplement but suspended during the war period. † Not available.
 † Data include Government shoes not reported separately; the classifications by kinds were revised in the October 1947 Survey to include all types (leather, part leather, and nonleather uppers); revised data beginning 1944 for these series and additional revisions indicated in note in the September 1947 Survey will be published later. The totals for shoes, sandals, etc., and the distribution by kinds include, beginning May 1947, small amounts that cannot be distributed to the all leather and part leather and nonleather classifications.
 † Data continue series published in the July 1944 and earlier issues of the Survey; see note in August 1947 Survey for data for June 1944-May 1946.
 † Revised series. See note marked "†" above regarding revision of the shoe series and note in February 1946 Survey explaining revision in the Southern pine price series. Data beginning January 1946 for the other indicated lumber series (with the exception of Southern pine orders and stocks and Western pine stocks), as published prior to the March 1948 Survey, have been revised to adjust the monthly series to Census annual production figures for 1946, and there have been unpublished revisions in the earlier data for the lumber series as indicated in notes in the July 1947 and April 1948 issues; all revisions will be shown later; the revised 1946 and 1947 figures for total lumber production superseding figures in the table on the back cover of the February 1948 Survey are 34,936 and 36,635 million board feet, respectively. † Data beginning January 1948 for Western pine series have been revised to include pine only in 2 Oregon counties. † Data for other lumber in these counties are included in figures for west coast woods beginning April 1948; earlier revisions for this region are not yet available.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|---------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| LUMBER AND MANUFACTURES—Continued | | | | | | | | | | | | | |
| SOFTWOOD PLYWOOD | | | | | | | | | | | | | |
| Production*.....thous. of sq. ft., $\frac{3}{8}$ " equivalent.....do..... | 140,147 | 107,588 | 139,398 | 147,823 | 170,769 | 145,370 | 150,853 | 159,395 | 156,666 | 185,716 | 164,862 | 151,364 | 150,187 |
| Shipments*.....do..... | 142,817 | 102,042 | 137,689 | 146,993 | 162,059 | 149,197 | 159,005 | 163,017 | 155,878 | 184,443 | 162,975 | 150,924 | 149,742 |
| Stocks, end of month*.....do..... | 31,345 | 36,332 | 37,036 | 38,070 | 43,973 | 40,524 | 31,509 | 37,755 | 39,323 | 39,879 | 40,435 | 40,778 | 41,425 |

METALS AND MANUFACTURES

| IRON AND STEEL | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Foreign trade:§ | | | | | | | | | | | | | |
| Iron and steel products (excl. advanced mfrs.): | | | | | | | | | | | | | |
| Exports (domestic), total.....short tons..... | 630,731 | 571,777 | 568,879 | 579,191 | 650,980 | 614,823 | 630,264 | 557,452 | 508,598 | 516,777 | 468,180 | 401,626 | ----- |
| Scrap.....do..... | 29,579 | 20,528 | 10,717 | 15,053 | 27,084 | 14,057 | 26,702 | 14,701 | 21,784 | 22,011 | 28,986 | 19,675 | ----- |
| Imports, total.....do..... | 19,400 | 21,733 | 15,269 | 14,953 | 13,579 | 18,408 | 18,934 | 21,323 | 15,245 | 45,672 | 48,798 | 27,932 | ----- |
| Scrap.....do..... | 3,410 | 2,426 | 3,917 | 1,828 | 2,025 | 6,884 | 3,789 | 5,149 | 4,219 | 19,973 | 15,803 | 11,509 | ----- |
| Iron and Steel Scrap | | | | | | | | | | | | | |
| Consumption, total*.....thous. of short tons..... | 5,184 | 4,752 | 4,826 | 4,898 | 5,484 | 5,176 | 5,306 | 5,294 | 5,082 | 5,875 | 5,217 | ----- | ----- |
| Home scrap*.....do..... | 2,560 | 2,384 | 2,561 | 2,460 | 2,865 | 2,643 | 2,722 | 2,789 | 2,640 | 2,890 | 2,445 | ----- | ----- |
| Purchased scrap*.....do..... | 2,624 | 2,368 | 2,265 | 2,438 | 2,619 | 2,533 | 2,584 | 2,505 | 2,442 | 2,985 | 2,772 | ----- | ----- |
| Stocks, consumers', end of month, total*.....do..... | 4,067 | 4,096 | 4,369 | 4,525 | 4,489 | 4,449 | 4,316 | 3,976 | 3,936 | 4,064 | 4,571 | ----- | ----- |
| Home scrap*.....do..... | 1,303 | 1,287 | 1,295 | 1,436 | 1,475 | 1,442 | 1,416 | 1,284 | 1,196 | 1,161 | 1,196 | ----- | ----- |
| Purchased scrap*.....do..... | 2,764 | 2,809 | 3,074 | 3,089 | 3,014 | 3,007 | 2,901 | 2,692 | 2,740 | 2,903 | 3,375 | ----- | ----- |
| Ore | | | | | | | | | | | | | |
| Iron ore: | | | | | | | | | | | | | |
| All districts:* | | | | | | | | | | | | | |
| Production.....thous. of long tons..... | 11,643 | 13,127 | 12,819 | 11,336 | 10,108 | 6,043 | 2,972 | 2,757 | 2,686 | 3,019 | 8,687 | 11,845 | ----- |
| Shipments.....do..... | 12,499 | 14,069 | 13,533 | 11,865 | 10,780 | 6,306 | 1,879 | 1,496 | 1,481 | 1,707 | 9,485 | 12,516 | ----- |
| Stocks, end of month.....do..... | 7,582 | 6,608 | 5,895 | 5,367 | 4,695 | 4,432 | 5,528 | 6,790 | 8,009 | 9,186 | 8,388 | 7,716 | ----- |
| Lake Superior district: | | | | | | | | | | | | | |
| Consumption by furnaces.....do..... | 6,500 | 6,156 | 6,638 | 6,492 | 7,151 | 7,068 | 6,970 | 7,068 | 6,441 | 6,634 | 4,976 | 6,656 | 6,577 |
| Shipments from upper lake ports.....do..... | 11,457 | 12,614 | 12,122 | 10,685 | 9,785 | 5,877 | 537 | 0 | 0 | 0 | 7,677 | 11,609 | 11,727 |
| Stocks, end of month, total.....do..... | 21,746 | 28,440 | 33,896 | 38,370 | 41,641 | 43,010 | 36,095 | 29,081 | 22,628 | 16,022 | 17,125 | 22,058 | 26,965 |
| At furnaces.....do..... | 19,594 | 25,677 | 30,397 | 34,065 | 36,852 | 38,195 | 31,749 | 25,205 | 19,412 | 13,761 | 15,172 | 19,885 | 24,308 |
| On Lake Erie docks.....do..... | 2,152 | 2,764 | 3,499 | 4,305 | 4,789 | 4,816 | 4,346 | 3,877 | 3,216 | 2,262 | 1,953 | 2,173 | 2,657 |
| Imports§.....do..... | 479 | 576 | 597 | 580 | 573 | 451 | 297 | 337 | 269 | 379 | 403 | 441 | ----- |
| Manganese ore, imports (manganese content)§ | | | | | | | | | | | | | |
| thous. of long tons..... | 38 | 56 | 48 | 45 | 42 | 44 | 25 | 83 | 50 | 68 | 48 | 39 | ----- |
| Pig Iron and Iron Manufactures | | | | | | | | | | | | | |
| Castings, gray iron:* | | | | | | | | | | | | | |
| Shipments, total.....thous. of short tons..... | 1,038 | 913 | 952 | 1,025 | 1,154 | 1,020 | 1,066 | 1,064 | 1,024 | 1,169 | 1,051 | 993 | 1,072 |
| For sale.....do..... | 597 | 519 | 551 | 591 | 654 | 562 | 588 | 584 | 571 | 660 | 585 | 556 | 598 |
| Unfilled orders for sale.....do..... | 2,711 | 2,675 | 2,631 | 2,680 | 2,669 | 2,687 | 2,782 | 2,803 | 2,769 | 2,726 | 2,691 | 2,602 | 2,587 |
| Castings, malleable iron:♠ | | | | | | | | | | | | | |
| Orders, new, for sale.....short tons..... | 31,972 | 26,591 | 33,208 | 28,706 | 40,105 | 35,804 | 39,940 | 49,159 | 46,270 | 43,921 | 42,168 | 34,236 | 35,320 |
| Orders, unfilled, for sale.....do..... | 248,798 | 234,656 | 229,708 | 218,276 | 210,675 | 206,510 | 202,408 | 205,759 | 209,447 | 203,351 | 199,578 | 191,553 | 178,760 |
| Shipments, total.....do..... | 78,524 | 64,162 | 62,395 | 71,568 | 83,976 | 72,111 | 77,757 | 77,744 | 75,194 | 86,767 | 80,602 | 76,079 | 81,747 |
| For sale.....do..... | 45,291 | 40,733 | 38,156 | 40,138 | 47,706 | 39,960 | 44,042 | 45,808 | 42,582 | 50,017 | 45,941 | 42,261 | 48,113 |
| Pig iron: | | | | | | | | | | | | | |
| Consumption*.....thous. of short tons..... | 4,842 | 4,507 | 4,850 | 4,745 | 5,254 | 4,912 | 5,057 | 5,167 | 4,762 | 5,049 | 3,958 | ----- | ----- |
| Prices, wholesale: | | | | | | | | | | | | | |
| Basic (furnace).....dol. per long ton..... | 33.00 | 34.20 | 36.00 | 36.00 | 36.00 | 36.00 | 36.20 | 38.88 | 39.00 | 39.00 | 39.00 | 39.00 | 39.00 |
| Composite.....do..... | 33.81 | 35.08 | 37.21 | 37.21 | 37.28 | 37.32 | 37.53 | 40.28 | 40.63 | 40.63 | 40.63 | 40.97 | 41.29 |
| Foundry, No. 2, f. o. b. Neville Island*.....do..... | 33.50 | 34.70 | 36.50 | 36.50 | 36.50 | 36.50 | 36.50 | 39.50 | 39.50 | 39.50 | 39.50 | 39.50 | 41.90 |
| Production*.....thous. of short tons..... | 4,810 | 4,585 | 4,917 | 4,801 | 5,228 | 5,015 | 5,177 | 5,128 | 4,780 | 5,020 | 3,840 | 5,077 | 4,991 |
| Stocks (consumers and suppliers'), end of month*.....thous. of short tons..... | 769 | 887 | 831 | 828 | 769 | 759 | 838 | 794 | 799 | 780 | 688 | ----- | ----- |
| Steel, Crude and Semimanufactures | | | | | | | | | | | | | |
| Steel castings:† | | | | | | | | | | | | | |
| Shipments, total.....short tons..... | 139,031 | 116,956 | 120,405 | 137,457 | 148,358 | 130,125 | 148,124 | 141,068 | 142,434 | 162,891 | 150,305 | 143,337 | 152,894 |
| For sale, total.....do..... | 103,888 | 85,014 | 83,719 | 102,913 | 111,288 | 97,143 | 110,970 | 108,282 | 107,762 | 125,550 | 114,896 | 111,616 | 117,794 |
| Railway specialties.....do..... | 31,879 | 21,280 | 22,584 | 32,967 | 30,452 | 25,835 | 34,919 | 35,129 | 34,800 | 41,876 | 36,079 | 39,275 | 41,587 |
| Steel forgings, for sale:* | | | | | | | | | | | | | |
| Orders, unfilled, total.....do..... | 633,467 | 630,925 | 626,227 | 617,247 | 593,838 | 585,818 | 593,660 | 618,155 | 630,860 | 641,110 | 628,123 | 623,620 | 640,747 |
| Drop and upset.....do..... | 519,760 | 529,817 | 526,392 | 518,261 | 494,933 | 492,808 | 495,947 | 517,307 | 523,319 | 525,543 | 513,980 | 509,576 | 529,237 |
| Press and open hammer.....do..... | 113,707 | 101,108 | 99,835 | 98,986 | 98,905 | 93,010 | 97,713 | 100,848 | 107,541 | 115,567 | 114,143 | 114,044 | 111,510 |
| Shipments, total.....do..... | 110,446 | 92,352 | 98,009 | 108,804 | 123,830 | 103,740 | 116,798 | 118,534 | 116,676 | 131,111 | 114,314 | 108,546 | 119,532 |
| Drop and upset.....do..... | 80,761 | 70,316 | 69,639 | 79,219 | 91,228 | 76,839 | 86,911 | 89,677 | 86,592 | 95,008 | 79,651 | 75,983 | 83,366 |
| Press and open hammer.....do..... | 29,685 | 22,036 | 28,370 | 29,585 | 32,602 | 26,901 | 29,887 | 28,857 | 30,084 | 36,103 | 34,663 | 32,563 | 36,166 |
| Steel ingots and steel for castings: | | | | | | | | | | | | | |
| Production.....thous. of short tons..... | 6,978 | 6,579 | 6,991 | 6,797 | 7,570 | 7,242 | 7,376 | 7,473 | 6,940 | 7,608 | 6,218 | 7,560 | 7,256 |
| Percent of capacity†.....do..... | 93 | 85 | 90 | 91 | 98 | 97 | 95 | 94 | 93 | 95 | 80 | 95 | 94 |
| Prices, wholesale: | | | | | | | | | | | | | |
| Composite, finished steel.....dol. per lb..... | .0329 | .0329 | .0360 | .0360 | .0360 | .0360 | .0360 | .0368 | .0373 | .0376 | .0376 | .0368 | .0368 |
| Steel billets, reolling (Pittsburgh).....dol. per long ton..... | 42.00 | 42.60 | 45.00 | 45.00 | 45.00 | 45.00 | 45.00 | 45.00 | 47.70 | 50.40 | 50.40 | 50.40 | 50.40 |
| Structural steel (Pittsburgh).....dol. per lb..... | .0250 | .0256 | .0280 | .0280 | .0280 | .0280 | .0280 | .0280 | 1.0293 | 1.0305 | 1.0305 | 1.0300 | 1.0300 |
| Steel scrap (Chicago).....dol. per long ton..... | 30.88 | 36.95 | 39.88 | 38.75 | 40.60 | 39.13 | 38.90 | 39.56 | 39.13 | 38.95 | 39.19 | 39.25 | 39.25 |

* Revised.

† Specifications for the series were revised in February 1948; however, the January 1948 price on both the new and old basis is \$0.0280.

♠ Since May 1944 the coverage of the malleable iron castings industry has been virtually complete; see note in the February 1947 Survey for further information.

§ Data continue series shown in the 1942 Supplement but suspended during the war period (it should be noted that data for iron and steel are shown in long tons in that volume); data for October 1941-September 1946 for total imports of iron and steel products and for October 1941-February 1945 for other series will be published later. The 1945-46 data for imports of iron and steel products shown in the November 1947 Survey and earlier issues erroneously include ores and alloying metals other than ferroalloys.

† For 1948, percent of capacity is calculated on annual capacity as of Jan. 1, 1943, of 94,233,460 tons of steel; 1947 data are based on capacity as of Jan. 1, 1947, 91,241,000 tons.

* New series. For data beginning September 1941 for softwood plywood see p. 16 of the September 1944 Survey. For description of the series on scrap iron and steel and 1939-40 data, see note marked "****" on p. 8-29 of the November 1942 Survey. The series for iron ore, all districts, are from the Department of the Interior, Bureau of Mines, and cover the entire industry, monthly data beginning 1943 and earlier annual totals will be shown later. Data for 1943-45 for gray iron castings are shown on p. 24 of the January 1947 Survey. For pig iron consumption and stocks for 1939-40 and a description of the series, see note marked "****" on p. 8-29 of the November 1942 Survey. The series on pig iron production is approximately comparable with data in the 1942 Supplement (data in that volume are in short tons instead of long tons as indicated); see p. 8-30 of the May 1943 Survey for further information and data for 1941-42. The pig iron price series replaces the Pittsburgh price shown in the Survey prior to the April 1943 issue. For 1945 data for steel forgings see note on p. 8-32 of the March 1947 Survey; data for total shipments, including shipments for own use, and steel consumed have been discontinued.

† Revised series. Data for steel castings are estimated industry totals; see note on p. 8-32 of the July 1946 Survey for comparable figures beginning January 1945.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|-----------|----------|----------|----------|------------|------------|------------|------------|-----------|----------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| METALS AND MANUFACTURES—Continued | | | | | | | | | | | | | |
| IRON AND STEEL—Continued | | | | | | | | | | | | | |
| Steel, Manufactured Products | | | | | | | | | | | | | |
| Barrels and drums, steel, heavy types:⊙ | | | | | | | | | | | | | |
| Orders, unfilled, end of month..... thousands.. | 13, 612 | 13, 255 | 12, 340 | 11, 294 | 10, 946 | 10, 450 | 12, 461 | 12, 191 | 11, 889 | 11, 528 | 11, 471 | 10, 810 | 11, 104 |
| Production..... do..... | 2, 255 | 2, 188 | 2, 208 | 2, 210 | 2, 304 | 2, 064 | 2, 388 | 2, 236 | 2, 100 | 2, 531 | 2, 281 | 2, 016 | 2, 242 |
| Shipments..... do..... | 2, 253 | 2, 185 | 2, 212 | 2, 201 | 2, 305 | 2, 075 | 2, 385 | 2, 239 | 2, 098 | 2, 516 | 2, 290 | * 2, 019 | 2, 244 |
| Stocks, end of month..... do..... | 23 | 26 | 22 | 31 | 29 | 18 | 21 | 18 | 20 | 34 | 24 | 22 | 20 |
| Boilers, steel, new orders:† | | | | | | | | | | | | | |
| Area..... thous. of sq. ft..... | 1, 904 | 1, 620 | 1, 434 | 1, 245 | 1, 167 | 1, 202 | 1, 388 | 1, 109 | 1, 532 | 1, 677 | 1, 608 | 1, 623 | ----- |
| Quantity..... number..... | 1, 345 | 1, 563 | 1, 452 | 1, 417 | 1, 331 | 1, 176 | 1, 276 | 1, 103 | 1, 219 | 1, 287 | 1, 340 | 1, 736 | ----- |
| Cans, metal (in terms of steel consumed):* | | | | | | | | | | | | | |
| Shipments (for sale and own use), total | | | | | | | | | | | | | |
| Food..... short tons..... | 232, 618 | 309, 629 | 387, 784 | 354, 681 | 279, 448 | 213, 904 | 253, 594 | 216, 530 | 202, 537 | 207, 726 | * 208, 516 | 219, 356 | 234, 036 |
| Nonfood..... do..... | 168, 070 | 235, 476 | 314, 628 | 277, 968 | 193, 638 | 136, 427 | 169, 103 | 134, 671 | 125, 782 | 134, 447 | * 143, 112 | 158, 200 | 207, 224 |
| Shipments for sale..... do..... | 64, 548 | 74, 153 | 73, 156 | 76, 713 | 85, 810 | 77, 477 | 84, 491 | 81, 869 | 76, 755 | 73, 279 | 65, 404 | 61, 156 | 76, 812 |
| Commercial closures, production*..... millions..... | 193, 281 | 275, 541 | 344, 236 | 310, 937 | 240, 670 | 182, 342 | 222, 797 | * 181, 392 | * 169, 968 | * 169, 019 | * 164, 565 | 174, 830 | 238, 098 |
| Crowns, production*..... thousand gross..... | 756 | 691 | 799 | 867 | 963 | 750 | 829 | 818 | 868 | 1, 012 | 980 | 888 | 915 |
| Steel products, net shipments:⊙ | | | | | | | | | | | | | |
| Total..... thous. of short tons..... | 5, 264 | 4, 975 | 5, 278 | 5, 119 | 5, 682 | 5, 217 | 5, 613 | 5, 410 | 5, 046 | 5, 979 | 5, 096 | 5, 321 | 5, 477 |
| Merchant bars..... do..... | 501 | 493 | 534 | 484 | 555 | 494 | 521 | 521 | 518 | 560 | 481 | 484 | 525 |
| Pipe and tubes..... do..... | 527 | 480 | 517 | 497 | 550 | 534 | 558 | 541 | 519 | 613 | 518 | 547 | 565 |
| Plates..... do..... | 563 | 464 | 540 | 495 | 559 | 513 | 591 | 530 | 538 | 630 | 528 | 563 | 592 |
| Rails..... do..... | 205 | 199 | 190 | 182 | 214 | 209 | 211 | 201 | 172 | 206 | 145 | 179 | 189 |
| Sheets..... do..... | 1, 225 | 1, 181 | 1, 199 | 1, 224 | 1, 343 | 1, 264 | 1, 352 | 1, 384 | 1, 198 | 1, 410 | 1, 310 | 1, 314 | 1, 302 |
| Strip—Cold rolled..... do..... | 138 | 116 | 136 | 136 | 151 | 126 | 134 | 146 | 127 | 158 | 148 | 142 | 152 |
| Hot rolled..... do..... | 141 | 131 | 135 | 142 | 157 | 137 | 149 | 146 | 136 | 141 | 132 | 127 | 139 |
| Structural shapes, heavy..... do..... | 364 | 357 | 371 | 360 | 399 | 353 | 380 | 334 | 324 | 382 | 302 | 362 | 372 |
| Tin plate and terneplate..... do..... | 308 | 324 | 336 | 304 | 349 | 328 | 370 | 267 | 247 | 393 | 310 | 322 | 334 |
| Wire and wire products..... do..... | 407 | 335 | 393 | 410 | 454 | 400 | 405 | 429 | 396 | 449 | 395 | 400 | 429 |
| NONFERROUS METALS AND PRODUCTS | | | | | | | | | | | | | |
| Aluminum: | | | | | | | | | | | | | |
| Imports, bauxite§..... long tons..... | 173, 706 | 181, 999 | 164, 098 | 163, 480 | 118, 658 | 134, 148 | 133, 995 | 217, 602 | 153, 706 | 217, 907 | * 166, 961 | 244, 852 | ----- |
| Price, wholesale, scrap castings (N. Y.)..... dol. per lb..... | .0444 | .0440 | .0600 | .0617 | .0625 | .0625 | .0670 | .0711 | .0725 | .0725 | .0741 | .0815 | .0884 |
| Aluminum fabricated products, shipments, total*..... mil. of lb..... | 124. 8 | 121. 7 | 132. 2 | 155. 1 | 187. 1 | 167. 8 | 175. 6 | 177. 5 | 173. 9 | 200. 9 | 177. 2 | 167. 2 | 177. 6 |
| Castings*..... do..... | 33. 0 | 30. 2 | 30. 4 | 35. 9 | 40. 5 | 34. 7 | 37. 5 | 37. 9 | 38. 0 | 41. 8 | 38. 3 | 33. 9 | 35. 8 |
| Wrought products, total*..... do..... | 91. 9 | 91. 4 | 101. 8 | 119. 3 | 146. 9 | 133. 2 | 138. 1 | 139. 6 | 135. 9 | 159. 1 | 139. 0 | 133. 3 | 141. 8 |
| Plate, sheet, and strip..... do..... | 70. 5 | 72. 1 | 82. 5 | 98. 1 | 120. 4 | 108. 0 | 110. 3 | 109. 7 | 105. 7 | 126. 7 | 106. 7 | 101. 9 | 106. 9 |
| Brass sheets, wholesale price, mill..... dol. per lb..... | .300 | .296 | .296 | .296 | .296 | .296 | .296 | .296 | .302 | .302 | .302 | .302 | .304 |
| Copper: | | | | | | | | | | | | | |
| Exports, refined and manufactures§..... short tons..... | 17, 254 | 14, 569 | 21, 606 | 18, 337 | 19, 295 | 22, 497 | 18, 299 | 18, 013 | 18, 297 | 15, 043 | 23, 272 | 19, 861 | ----- |
| Imports, total§..... do..... | 52, 527 | 37, 524 | 44, 185 | 41, 596 | 44, 045 | 36, 902 | 54, 513 | 30, 435 | 46, 638 | 46, 982 | 37, 727 | 33, 271 | ----- |
| For smelting, refining, and export§..... do..... | 4, 115 | 3, 519 | 2, 492 | 3, 338 | 5, 286 | 4, 864 | 1, 251 | 0 | 2, 825 | 0 | 783 | 0 | ----- |
| For domestic consumption, total§..... do..... | 48, 412 | 34, 005 | 41, 693 | 38, 258 | 38, 759 | 32, 038 | 53, 262 | 30, 435 | 43, 813 | 46, 982 | 36, 944 | 33, 271 | ----- |
| Unrefined, including scrap§..... do..... | 32, 993 | 18, 796 | 24, 679 | 26, 620 | 18, 515 | 21, 694 | 29, 612 | 13, 041 | 22, 346 | 26, 009 | 17, 980 | 15, 673 | ----- |
| Refined§..... do..... | 15, 419 | 15, 209 | 17, 014 | 11, 638 | 20, 244 | 10, 344 | 23, 650 | 17, 394 | 21, 467 | 20, 973 | 18, 964 | 17, 598 | ----- |
| Price, wholesale, electrolytic (N. Y.)..... dol. per lb..... | .2135 | .2123 | .2123 | .2123 | .2121 | .2120 | .2120 | .2120 | .2120 | .2120 | .2120 | .2120 | .2120 |
| Production:⊙ | | | | | | | | | | | | | |
| Mine or smelter (including custom intake) | | | | | | | | | | | | | |
| Refinery..... short tons..... | 82, 334 | 79, 152 | 83, 301 | 83, 922 | 76, 815 | 72, 534 | 80, 954 | 82, 427 | 82, 959 | 83, 909 | 88, 741 | * 91, 019 | 87, 432 |
| Deliveries, refined, domestic⊙..... do..... | 108, 474 | 94, 610 | 88, 122 | 92, 146 | 108, 277 | 97, 525 | 108, 314 | 93, 588 | 110, 886 | 104, 044 | 104, 524 | 105, 221 | ----- |
| Stocks, refined, end of month⊙..... do..... | 116, 678 | 109, 822 | 96, 374 | 95, 640 | 112, 310 | 106, 232 | 118, 446 | 118, 855 | 106, 823 | 122, 988 | 116, 475 | 113, 389 | 111, 927 |
| Lead: | | | | | | | | | | | | | |
| Imports, total, except mfrs. (lead content) §..... do..... | 23, 058 | 13, 030 | 21, 099 | 14, 261 | 14, 132 | 27, 416 | 23, 706 | 15, 784 | 26, 718 | 20, 873 | 21, 749 | 18, 627 | ----- |
| Ore (lead content): | | | | | | | | | | | | | |
| Mine production*..... do..... | 32, 452 | 29, 106 | 30, 597 | 30, 647 | 32, 512 | 30, 618 | 30, 567 | 33, 306 | 32, 407 | 35, 802 | * 35, 512 | 33, 652 | ----- |
| Receipts by smelters, domestic ore:⊙..... do..... | 33, 688 | 31, 877 | 32, 271 | 32, 081 | 33, 780 | 31, 600 | 34, 797 | 32, 019 | 32, 414 | 34, 185 | 35, 362 | 37, 625 | 34, 689 |
| Refined: | | | | | | | | | | | | | |
| Price, wholesale, pig, desilverized (New York)..... dol. per lb..... | .1500 | .1500 | .1500 | .1500 | .1500 | .1500 | .1500 | .1500 | .1500 | .1500 | .1721 | .1750 | .1750 |
| Production, total⊙..... short tons..... | 45, 235 | 46, 012 | 46, 409 | 46, 827 | 50, 248 | 51, 481 | 49, 337 | 50, 821 | 43, 598 | 50, 093 | 49, 652 | 50, 626 | 47, 227 |
| Primary†..... do..... | 41, 505 | 42, 536 | 43, 725 | 43, 545 | 46, 919 | 47, 903 | 45, 538 | 47, 421 | 40, 400 | 46, 579 | 46, 577 | 47, 144 | 44, 846 |
| Shipments⊙..... do..... | 54, 627 | 51, 989 | 46, 646 | 43, 483 | 56, 247 | 55, 034 | 52, 354 | 51, 958 | 47, 200 | 52, 287 | 45, 031 | 47, 652 | 46, 398 |
| Stocks, end of month⊙..... do..... | 37, 836 | 31, 290 | 31, 048 | 34, 385 | 28, 370 | 24, 809 | 21, 787 | 20, 645 | 17, 034 | 14, 837 | 19, 453 | 22, 418 | 23, 240 |
| Tin: | | | | | | | | | | | | | |
| Imports:§ | | | | | | | | | | | | | |
| Ore (tin content)..... long tons..... | 694 | 2, 596 | 8, 350 | 2, 989 | 1, 745 | 1, 439 | 2, 566 | 2, 201 | 3, 668 | 3, 595 | 2, 137 | 1, 335 | ----- |
| Bars, blocks, pigs, etc..... do..... | 443 | 3, 406 | 2, 105 | 6, 470 | 3, 429 | 2, 443 | 4, 855 | 4, 653 | 1, 539 | 2, 294 | 3, 318 | 6, 026 | ----- |
| Price, wholesale, Straits (N. Y.)..... dol. per lb..... | .8000 | .8000 | .8000 | .8000 | .8000 | .8000 | .8639 | .9400 | .9400 | .9400 | .9400 | .9400 | 1.0300 |
| Zinc: | | | | | | | | | | | | | |
| Imports, total (zinc content)§..... short tons..... | 31, 601 | 41, 030 | 29, 364 | 22, 061 | 33, 645 | 19, 140 | 33, 415 | 12, 660 | 22, 617 | 21, 663 | 21, 097 | 24, 696 | ----- |
| For smelting, refining, and export§..... do..... | 11, 534 | 9, 025 | 8, 430 | 1, 510 | 562 | 5, 659 | 10, 392 | 121 | 6, 240 | 2, 070 | 5, 717 | 5, 962 | ----- |
| For domestic consumption:§ | | | | | | | | | | | | | |
| Ore (zinc content)..... do..... | 15, 228 | 26, 406 | 17, 842 | 14, 963 | 27, 295 | 9, 160 | 12, 939 | 7, 958 | 10, 580 | 10, 487 | 4, 498 | 11, 209 | ----- |
| Blocks, pigs, etc..... do..... | 4, 839 | 5, 599 | 3, 092 | 5, 598 | 5, 788 | 4, 321 | 10, 084 | 4, 581 | 5, 797 | 9, 106 | 10, 882 | 7, 525 | ----- |
| Mine production of recoverable zinc*..... do..... | 60, 879 | 46, 526 | 47, 700 | 46, 817 | 50, 296 | 48, 332 | 47, 790 | 48, 124 | 47, 612 | 54, 545 | * 53, 042 | 51, 422 | ----- |
| Slab zinc: | | | | | | | | | | | | | |
| Price, wholesale, prime Western (St. Louis)..... dol. per lb..... | .1050 | .1050 | .1050 | .1050 | .1050 | .1050 | .1050 | .1108 | .1200 | .1200 | .1200 | .1200 | .1200 |
| Production⊙..... short tons..... | 70, 990 | 69, 128 | 66, 852 | 67, 807 | 71, 745 | 69, 682 | 70, 996 | 72, 776 | 67, 917 | 74, 322 | 71, 500 | 73, 885 | 68, 372 |
| Shipments⊙..... do..... | 63, 527 | 60, 737 | 59, 314 | 62, 549 | 129, 046 | 76, 789 | 72, 151 | 86, 000 | 74, 697 | 77, 334 | 73, 915 | 72, 848 | 69, 345 |
| Domestic⊙..... do..... | 52, 390 | 44, 801 | 52, 122 | 50, 558 | 57, 564 | 59, 154 | 61, 258 | 66, 174 | 63, 592 | 65, 334 | 64, 801 | 67, 291 | 61, 138 |
| Stocks, end of month⊙..... do..... | 174, 327 | 183, 718 | 161, 256 | 136, 574 | 79, 273 | 69, 166 | 68, 011 | 55, 423 | 48, 643 | 45, 631 | 43, 216 | 44, 263 | 43, 280 |

* Revised. ⊙ Beginning 1943, data have covered the entire industry.

† It is believed that data beginning 1945 represent substantially the entire industry; in prewar years the coverage was about 90 percent.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|----------|----------|---------|---------|---------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| METALS AND MANUFACTURES—Continued | | | | | | | | | | | | | |
| HEATING APPARATUS, EXCEPT ELECTRIC | | | | | | | | | | | | | |
| Boilers, radiators and convectors, cast iron:† | | | | | | | | | | | | | |
| Boilers (round and square): | | | | | | | | | | | | | |
| Production.....thous. of lb. | 25,838 | 20,506 | 25,175 | 29,080 | 33,328 | 29,381 | 28,583 | 29,043 | 29,463 | 27,687 | 14,113 | 22,745 | 25,941 |
| Shipments.....do. | 26,342 | 21,045 | 28,469 | 30,464 | 37,194 | 31,372 | 28,583 | 22,018 | 18,660 | 13,867 | 19,699 | 19,752 | 15,779 |
| Stocks, end of month.....do. | 50,824 | 50,285 | 46,991 | 45,607 | 41,740 | 39,749 | 39,749 | 46,774 | 57,443 | 71,262 | 65,676 | 68,669 | 78,851 |
| Radiation: | | | | | | | | | | | | | |
| Production.....thous. of sq. ft. | 4,472 | 4,302 | 4,073 | 4,749 | 5,863 | 5,217 | 5,201 | 5,376 | 5,138 | 5,890 | 4,740 | 5,172 | 5,243 |
| Shipments.....do. | 4,698 | 4,032 | 4,540 | 4,786 | 5,980 | 5,247 | 5,388 | 5,181 | 5,010 | 5,485 | 4,794 | 5,123 | 5,228 |
| Stocks.....do. | 2,909 | 3,179 | 2,712 | 2,675 | 2,558 | 2,528 | 2,341 | 2,536 | 2,664 | 3,069 | 3,015 | 3,064 | 3,079 |
| Boilers, range, shipments*.....number | 55,220 | 48,454 | 52,967 | 51,986 | 56,357 | 46,011 | 42,884 | 51,722 | 52,592 | 58,908 | 52,045 | 41,110 | ..... |
| Oil burners:‡ | | | | | | | | | | | | | |
| Orders, new, net.....do. | 35,047 | 1,827 | 85,561 | 37,582 | 1-4,421 | 1-58,225 | 3,127 | 1-57,449 | 9,727 | 8,330 | 6,110 | 10,188 | 27,479 |
| Orders, unfilled, end of month.....do. | 804,680 | 703,776 | 666,705 | 576,326 | 443,457 | 304,310 | 249,309 | 149,929 | 134,631 | 124,190 | 107,694 | 91,834 | 90,113 |
| Shipments.....do. | 105,341 | 102,731 | 122,632 | 127,961 | 128,448 | 80,922 | 57,898 | 41,859 | 24,816 | 18,797 | 22,846 | 26,058 | 29,240 |
| Stocks, end of month.....do. | 18,972 | 22,705 | 20,397 | 20,524 | 20,541 | 25,861 | 36,466 | 50,070 | 60,286 | 68,792 | 77,807 | 76,005 | 73,188 |
| Stoves and ranges, domestic cooking, exc. electric:* | | | | | | | | | | | | | |
| Production, total.....number | 287,697 | 256,785 | 259,863 | 290,760 | 331,756 | 285,127 | 283,682 | 313,959 | 331,958 | 372,459 | 342,579 | 330,757 | ..... |
| Coal and wood.....do. | 39,373 | 36,126 | 36,945 | 35,631 | 34,603 | 31,323 | 30,635 | 31,999 | 34,690 | 39,580 | 31,888 | 26,511 | ..... |
| Gas (incl. bungalow and combination).....do. | 202,954 | 179,647 | 186,231 | 213,436 | 256,241 | 215,849 | 210,620 | 227,602 | 285,438 | 264,943 | 253,436 | 257,256 | ..... |
| Kerosene, gasoline, and fuel oil.....do. | 45,370 | 41,012 | 36,687 | 41,693 | 40,912 | 37,955 | 42,427 | 54,358 | 61,830 | 67,936 | 57,255 | 46,990 | ..... |
| Stoves, domestic heating, production, total:* | 456,580 | 489,945 | 576,819 | 725,215 | 834,866 | 661,592 | 596,999 | 413,637 | 351,333 | 369,656 | 365,078 | 388,704 | ..... |
| Coal and wood.....do. | 90,728 | 103,421 | 109,050 | 142,698 | 169,442 | 124,375 | 93,618 | 55,492 | 53,734 | 61,406 | 66,195 | 68,545 | ..... |
| Gas.....do. | 185,740 | 197,921 | 232,693 | 286,685 | 341,498 | 304,379 | 288,024 | 188,248 | 156,762 | 155,828 | 156,461 | 183,946 | ..... |
| Kerosene, gasoline, and fuel oil.....do. | 180,112 | 188,543 | 255,076 | 296,832 | 323,926 | 232,838 | 215,357 | 169,897 | 140,837 | 152,422 | 142,422 | 136,213 | ..... |
| Warm-air furnaces (forced air and gravity air flow), shipments, total:* | 54,985 | 56,498 | 80,891 | 90,210 | 108,419 | 72,629 | 67,567 | 46,590 | 36,345 | 39,297 | 45,597 | 55,473 | ..... |
| Gas.....do. | 9,669 | 9,569 | 13,563 | 15,214 | 19,632 | 13,522 | 15,306 | 10,822 | 9,313 | 9,580 | 12,454 | 13,617 | ..... |
| Oil.....do. | 25,128 | 21,757 | 32,480 | 34,286 | 36,739 | 27,791 | 28,324 | 16,354 | 7,645 | 8,105 | 9,931 | 11,261 | ..... |
| Solid fuel.....do. | 20,188 | 25,172 | 34,848 | 40,710 | 52,048 | 31,316 | 24,012 | 19,414 | 19,387 | 21,302 | 23,212 | 30,595 | ..... |
| Water heaters, nonelectric, shipments*.....do. | 192,372 | 197,485 | 217,953 | 210,360 | 229,307 | 185,932 | 174,704 | 176,736 | 159,007 | 173,201 | 173,438 | 161,177 | ..... |
| MACHINERY AND APPARATUS | | | | | | | | | | | | | |
| Blowers, fans and unit heaters: | | | | | | | | | | | | | |
| Blowers and fans, new orders.....thous. of dol. | 10,286 | ..... | ..... | 8,452 | ..... | ..... | 10,985 | ..... | ..... | 11,628 | ..... | ..... | ..... |
| Unit heater group, new orders.....do. | 6,074 | ..... | ..... | 7,912 | ..... | ..... | 9,677 | ..... | ..... | 6,467 | ..... | ..... | ..... |
| Foundry equipment: | | | | | | | | | | | | | |
| New orders, net, total.....1937-39=100 | 649.9 | 458.7 | 468.9 | 455.1 | 520.0 | 370.1 | 521.1 | ..... | ..... | ..... | ..... | ..... | ..... |
| New equipment.....do. | 658.9 | 426.1 | 411.3 | 393.1 | 438.2 | 286.1 | 467.8 | 380.9 | 367.3 | 326.2 | 412.0 | 388.5 | 376.3 |
| Repairs.....do. | 620.7 | 565.3 | 656.8 | 657.7 | 786.7 | 643.1 | 694.6 | ..... | ..... | ..... | ..... | ..... | ..... |
| Machine tools, shipments*.....1945-47=100 | 84.1 | 65.2 | 63.6 | 77.0 | 94.8 | 84.7 | 98.4 | 75.3 | 87.1 | 83.6 | 82.0 | 82.6 | 95.2 |
| Mechanical stokers, sales:‡ | | | | | | | | | | | | | |
| Classes 1, 2, and 3.....number | 5,851 | 7,092 | 9,041 | 9,838 | 8,194 | 3,728 | 2,492 | 2,685 | 4,316 | 5,090 | 4,548 | 6,314 | 7,802 |
| Classes 4 and 5: | | | | | | | | | | | | | |
| Number.....do. | 270 | 380 | 308 | 345 | 273 | 208 | 230 | 168 | 191 | 249 | 336 | 313 | 333 |
| Horsepower.....do. | 63,168 | 81,269 | 97,752 | 80,640 | 52,523 | 51,603 | 50,946 | 64,870 | 68,150 | 78,197 | 92,642 | 74,488 | 70,694 |
| Pumps and water systems, domestic, shipments:‡ | | | | | | | | | | | | | |
| Domestic hand and windmill pumps.....number | 24,746 | 23,561 | 21,089 | 26,555 | 36,150 | 30,183 | 39,577 | 43,490 | 34,524 | 27,676 | 29,882 | 26,804 | 27,398 |
| Water systems, including pumps, total.....do. | 54,847 | 57,854 | 61,668 | 63,465 | 78,857 | 57,302 | 60,985 | 61,005 | 58,192 | 62,252 | 55,188 | 49,743 | 56,672 |
| Jet.....do. | 21,115 | 26,200 | 28,241 | 28,881 | 32,185 | 25,003 | 27,322 | 27,326 | 26,466 | 30,048 | 25,393 | 23,137 | 23,490 |
| Nonjet.....do. | 33,732 | 31,654 | 33,427 | 34,584 | 41,672 | 31,799 | 33,663 | 33,679 | 31,726 | 32,204 | 29,795 | 26,606 | 28,182 |
| Pumps, steam, power, centrifugal and rotary, new orders.....thous. of dol. | 2,909 | 3,148 | 3,843 | 3,355 | 3,475 | 2,673 | 3,480 | 3,819 | 3,635 | 4,703 | 4,312 | 3,724 | 3,512 |
| Scales and balances (except laboratory), shipments, quarterly*.....thous. of dol. | 11,938 | ..... | ..... | 11,628 | ..... | ..... | 13,126 | ..... | ..... | 12,628 | ..... | ..... | ..... |
| ELECTRICAL EQUIPMENT | | | | | | | | | | | | | |
| Battery shipments (automotive replacement only), number*.....thousands | 1,737 | 1,433 | 2,073 | 2,415 | 2,854 | 2,683 | 2,597 | 2,394 | 2,254 | 1,679 | 1,211 | 1,017 | ..... |
| Domestic electrical appliances, shipments: | | | | | | | | | | | | | |
| Vacuum cleaners, total:‡.....number | 343,229 | 293,465 | 296,570 | 347,601 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Floor.....do. | 327,250 | 282,165 | 280,366 | 326,882 | 358,546 | 350,470 | 373,254 | 304,273 | 311,448 | 355,415 | 306,588 | 276,657 | 256,071 |
| Hand.....do. | 13,243 | 12,880 | 17,333 | 18,971 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Washers.....do. | 314,705 | 281,826 | 270,229 | 354,094 | 397,113 | 365,679 | 351,152 | 358,445 | 360,029 | 398,298 | 398,660 | 362,658 | 386,685 |
| Electrical products:† | | | | | | | | | | | | | |
| Insulating materials, sales billed.....1936=100 | 352 | 324 | 320 | 350 | 381 | 345 | 353 | 356 | 351 | 398 | 371 | ..... | ..... |
| Motors and generators, new orders.....do. | 394 | ..... | ..... | 308 | ..... | ..... | 392 | ..... | ..... | 295 | ..... | ..... | ..... |
| Furnaces, electric, industrial, sales: | | | | | | | | | | | | | |
| Unit.....kilowatts | 3,341 | 5,298 | 4,464 | 4,465 | 6,378 | 3,344 | 26,435 | 4,083 | 2,692 | 4,487 | 4,328 | 5,166 | 5,229 |
| Value.....thous. of dol. | 308 | 432 | 565 | 354 | 677 | 350 | 1,831 | 550 | 310 | 776 | 436 | 528 | 535 |
| Laminated fiber products, shipments.....do. | 4,150 | 4,002 | 3,619 | 4,150 | 4,397 | 3,812 | 4,205 | 4,221 | 4,162 | 4,693 | 4,310 | 4,118 | 4,393 |
| Motors (1-200 h. p.):‡ | | | | | | | | | | | | | |
| Polyphase induction, billings.....do. | 32,668 | ..... | ..... | 30,280 | ..... | ..... | ..... | ..... | ..... | 32,622 | ..... | ..... | ..... |
| Polyphase induction, new orders.....do. | 31,849 | ..... | ..... | 22,328 | ..... | ..... | ..... | ..... | ..... | 22,871 | ..... | ..... | ..... |
| Direct current, billings.....do. | 4,821 | ..... | ..... | 4,985 | ..... | ..... | ..... | ..... | ..... | 5,059 | ..... | ..... | ..... |
| Direct current, new orders.....do. | 5,155 | ..... | ..... | 4,118 | ..... | ..... | ..... | ..... | ..... | 5,068 | ..... | ..... | ..... |
| Rigid steel conduit and fittings, shipments†.....short tons. | 22,218 | 20,821 | 19,746 | 23,638 | 23,664 | 22,336 | 25,319 | 20,882 | 22,730 | 23,194 | 24,653 | 22,415 | 22,704 |
| Vulcanized fiber: | | | | | | | | | | | | | |
| Consumption of fiber paper.....thous. of lb. | 4,771 | 4,582 | 5,124 | 4,820 | 5,442 | 5,107 | 4,852 | 5,065 | 4,532 | 5,200 | 5,317 | 4,925 | 4,043 |
| Shipments.....thous. of lb. | 1,625 | 1,452 | 1,559 | 1,589 | 1,731 | 1,486 | 1,457 | 1,540 | 1,461 | 1,742 | 1,686 | 1,500 | 1,338 |

* Revised. † Preliminary. ‡ Cancellations exceeded new orders. † Covers 33 companies beginning 1947; 31 companies were included for 1945 and 1946 and 27 for 1944.

§ See p. 24 of the January 1947 Survey for available data for 1942-45 for cast-iron boilers and radiation; these series continue data published in the 1942 Supplement.

¶ See notes on the indicated items on p. S-33 or S-34 of the September 1947 Survey for source and coverage of data for vacuum cleaners and coverage of the data for oil burners, mechanical stokers, and pumps and water systems. Data for washers beginning January 1947 are estimated industry totals; see note in July 1947 Survey with regard to earlier data.

‡ Beginning 1947 data for motors are collected quarterly and data shown are quarterly totals; the 1947 data for polyphase induction motors include 6-8 companies and for direct current motors 2-4 companies which did not report prior to 1947; information regarding the effect of these additions on the comparability of the data is not available at present.

* New series. Data for range boilers, stoves and ranges, warm-air furnaces, water heaters, and scales and balances are compiled by the Bureau of the Census and are complete, or practically complete; data for 1943-45 for domestic heating stoves are shown on p. 20 of the April 1947 Survey; data prior to 1946 for the other series will be shown later (data beginning March 1944 for total shipments of warm-air furnaces are available in the May 1945 Survey). The index of machine tool shipments, compiled by the National Machine Tool Builders Association, was substituted in the July 1948 Survey for estimated dollar shipments. For data beginning August 1942 for automotive replacement battery shipments, see p. S-31 of November 1943 Survey.

† Revised series. See note in February 1947 Survey regarding unpublished revisions in the indexes of new orders for motors and generators and sales of insulating materials; the index for motors and generators is now computed on a quarterly basis and represents quarterly totals. Data on rigid steel conduit and fittings were revised in the July 1946 Survey (see note in that issue).

NOTE FOR COTTON SPINDLE ACTIVITY, p. S-39.—Data shown in the Survey for spindle activity, with the exception of the revised series on operations as a percent of capacity, relate to spindles consuming 100 percent cotton; beginning August 1945 data have been collected also for cotton system spindles consuming synthetic and blended fibers. August 1945-July 1947 figures for total active spindles and active spindle hours for all cotton system spindles are as follows: Active spindles, last working day of month (thousands): August-December 1945—22,530; 22,220; 22,399; 22,084; 1,613; 1946—22,277; 22,303; 22,532; 22,580; 22,557; 22,501; 22,777; 22,658; 22,869; 22,999; 22,782; 22,919; January-July 1947—23,112; 23,174; 23,173; 22,927; 22,709; 22,427; 22,551. Spindle hours, all fibers (millions): August-December 1945—9,081; 8,708; 9,549; 9,061; 8,096; 1946—9,936; 8,928; 9,597; 9,619; 10,088; 9,297; 8,449; 9,987; 9,557; 10,713; 10,035; 9,144; January-July 1947—11,133; 10,028; 10,574; 10,799; 10,415; 9,518; 8,975. Average hours per spindle in place: August-December 1945—382; 366; 400; 380; 340; 1946—417; 376; 403; 404; 423; 390; 354; 418; 400; 448; 420; 382; January-July 1947—467; 420; 444; 452; 435; 399; 377. These series will be included on p. S-39 beginning in the September issue which will contain figures beginning July 1947.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------|-----------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|-----------|-----------|---------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| PAPER AND PRINTING | | | | | | | | | | | | | |
| PULPWOOD AND WASTE PAPER | | | | | | | | | | | | | |
| Pulpwood:* Consumption.....thous. of cords (128 cu. ft.).. | 1,634 | 1,559 | 1,675 | 1,589 | 1,744 | 1,679 | 1,605 | 1,734 | 1,589 | 1,778 | 1,762 | 1,850 | 1,766 |
| Receipts.....do..... | 1,683 | 1,901 | 1,958 | 1,908 | 1,826 | 1,480 | 1,613 | 1,813 | 1,646 | 1,893 | 1,580 | * 1,675 | 1,875 |
| Stocks, end of month.....do..... | 3,816 | 4,161 | 4,437 | 4,736 | 4,786 | 4,567 | 4,566 | 4,646 | 4,698 | 4,790 | 4,607 | * 4,421 | 4,516 |
| Waste paper:* Consumption.....short tons.. | 648,768 | 607,061 | 650,690 | 638,318 | 684,375 | 635,597 | 625,971 | 674,747 | 618,324 | 704,677 | 684,277 | * 655,855 | 626,764 |
| Receipts.....do..... | 656,684 | 615,155 | 629,114 | 643,222 | 735,250 | 638,505 | 633,122 | 614,143 | 595,355 | 718,411 | 687,267 | * 658,004 | 648,996 |
| Stocks.....do..... | 481,911 | 482,392 | 462,248 | 467,651 | 512,880 | 514,039 | 521,019 | 458,366 | 429,676 | 441,335 | 443,742 | * 445,216 | 462,170 |
| WOOD PULP | | | | | | | | | | | | | |
| Exports, all grades, total\$.....do..... | 7,951 | 7,244 | 13,358 | 11,603 | 16,090 | 10,334 | 8,278 | 11,109 | 11,807 | 4,906 | 6,396 | 9,326 | ----- |
| Imports, all grades, total\$.....do..... | 227,246 | 225,807 | 275,187 | 186,631 | 195,884 | 188,053 | 210,216 | 187,293 | 215,851 | 208,180 | 171,010 | 205,959 | ----- |
| Bleached sulphate\$.....do..... | 17,008 | 20,133 | 28,527 | 21,301 | 22,302 | 23,009 | 24,835 | 20,898 | 19,886 | 26,250 | 18,420 | 27,089 | ----- |
| Unbleached sulphate\$.....do..... | 46,816 | 53,044 | 75,965 | 37,060 | 36,470 | 48,938 | 42,907 | 38,625 | 45,033 | 38,667 | 26,148 | 31,470 | ----- |
| Bleached sulphite\$.....do..... | 45,672 | 48,678 | 53,098 | 44,087 | 53,458 | 40,544 | 49,427 | 36,541 | 42,375 | 58,216 | 43,502 | 50,574 | ----- |
| Unbleached sulphite\$.....do..... | 89,065 | 75,229 | 84,872 | 54,996 | 56,602 | 53,939 | 66,043 | 64,078 | 89,143 | 58,770 | 51,410 | 66,739 | ----- |
| Soda\$.....do..... | 1,692 | 1,719 | 1,804 | 1,864 | 1,929 | 2,075 | 2,293 | 1,884 | 1,959 | 2,414 | 1,674 | 1,795 | ----- |
| Groundwood\$.....do..... | 26,993 | 27,004 | 30,921 | 27,373 | 25,123 | 19,548 | 24,711 | 25,267 | 17,455 | 23,863 | 29,856 | 28,292 | ----- |
| Production:† Total, all grades.....thous. of short tons.. | * 992 | 935 | 1,026 | 970 | 1,080 | 1,022 | 975 | 1,054 | 961 | 1,086 | 1,081 | 1,127 | 1,090 |
| Bleached sulphate.....short tons.. | * 90,138 | 92,058 | 98,415 | 92,335 | 103,347 | 93,744 | 91,569 | 102,641 | 95,088 | 105,190 | 102,841 | * 107,217 | 104,287 |
| Unbleached sulphate.....do..... | * 354,188 | 331,275 | 365,355 | 333,080 | 374,438 | 356,488 | 332,597 | 373,277 | 321,089 | 390,188 | 384,106 | * 412,959 | 401,306 |
| Bleached sulphite.....do..... | 152,426 | 142,436 | 161,922 | 154,960 | 172,429 | 163,508 | 155,379 | 164,244 | 157,233 | 168,923 | 161,535 | * 162,481 | 156,315 |
| Unbleached sulphite.....do..... | * 73,818 | 64,268 | 76,291 | 74,753 | 80,272 | 77,186 | 78,176 | 82,206 | 76,586 | 80,127 | 76,564 | 75,857 | 73,813 |
| Soda.....do..... | 41,696 | 38,345 | 40,881 | 40,182 | 43,840 | 42,218 | 41,668 | 43,933 | 39,762 | 42,598 | 43,119 | 44,385 | 43,576 |
| Groundwood.....do..... | 173,802 | 160,507 | 170,080 | 161,635 | 176,593 | 168,859 | 161,047 | 161,067 | 153,488 | 170,230 | 184,129 | * 191,151 | 184,744 |
| Defibrated, exploded, etc.†.....do..... | 64,664 | 62,000 | 66,877 | 69,080 | 79,974 | 75,041 | 69,718 | 79,051 | 75,000 | 81,388 | 81,521 | 82,366 | 81,567 |
| Total, all grades.....do..... | 103,598 | 96,601 | 99,834 | 94,121 | 93,244 | 109,968 | 98,928 | 91,271 | 94,543 | 89,211 | 96,598 | * 105,018 | 102,419 |
| Bleached sulphate.....do..... | 7,108 | 7,320 | 5,259 | 5,508 | 5,886 | 6,089 | 4,439 | 6,316 | 7,558 | 6,464 | 7,127 | 7,665 | 8,737 |
| Unbleached sulphate.....do..... | 8,067 | 6,311 | 8,050 | 10,507 | 10,032 | 13,270 | 9,815 | 11,786 | 11,551 | 12,084 | 10,553 | 9,637 | 8,309 |
| Bleached sulphite.....do..... | 27,475 | 23,952 | 31,604 | 30,288 | 36,547 | 42,846 | 37,308 | 28,933 | 30,525 | 22,543 | 22,317 | 23,219 | 21,162 |
| Unbleached sulphite.....do..... | 15,332 | 14,143 | 16,982 | 16,869 | 14,764 | 17,716 | 18,452 | 16,103 | 14,427 | 14,652 | 14,566 | 16,401 | 16,271 |
| Soda.....do..... | 3,102 | 2,858 | 3,073 | 2,771 | 3,033 | 3,492 | 2,895 | 3,020 | 3,454 | 3,363 | 3,362 | 3,325 | 3,283 |
| Groundwood.....do..... | 39,626 | 38,725 | 31,551 | 23,660 | 18,193 | 21,702 | 21,615 | 20,368 | 22,316 | 24,776 | 32,460 | 38,325 | 38,087 |
| PAPER AND PAPER PRODUCTS | | | | | | | | | | | | | |
| All paper and paperboard mills:* Paper and paperboard production, total thous. of short tons.. | 1,728 | 1,625 | 1,763 | 1,720 | 1,898 | 1,777 | 1,743 | 1,866 | 1,701 | 1,930 | 1,908 | * 1,908 | 1,833 |
| Paper.....do..... | * 882 | 817 | 892 | 873 | 956 | 868 | 894 | 949 | 877 | 958 | 953 | 960 | 937 |
| Paperboard.....do..... | 751 | 708 | 767 | 742 | 827 | 767 | 740 | 808 | 718 | 854 | 843 | 827 | 786 |
| Building board.....do..... | 95 | 101 | 105 | 105 | 115 | 111 | 109 | 110 | 105 | 117 | 112 | * 122 | 109 |
| Paper excl. building paper, newsprint, and paperboard (American Paper and Pulp Association):† Orders, new.....short tons.. | 702,200 | 664,872 | 687,500 | 731,808 | 751,536 | 697,825 | 714,929 | 795,400 | 694,795 | 792,251 | * 749,143 | * 743,949 | 734,095 |
| Production.....do..... | 714,440 | 653,710 | 719,979 | 702,581 | 776,549 | 732,765 | 733,484 | 779,406 | 719,036 | 782,537 | * 776,262 | * 777,144 | 756,090 |
| Shipments.....do..... | 711,061 | 648,003 | 727,183 | 693,566 | 778,752 | 729,868 | 728,969 | 772,645 | 721,572 | 784,310 | * 772,672 | * 788,590 | 737,590 |
| Fine paper: Orders, new.....do..... | 102,765 | 98,017 | 91,204 | 94,838 | 109,851 | 82,720 | 89,886 | 112,679 | 89,977 | 107,673 | * 94,818 | * 87,497 | 87,910 |
| Orders, unfilled, end of month.....do..... | 149,790 | 150,260 | 143,020 | 136,927 | 138,550 | 121,422 | 112,523 | 122,825 | 121,540 | 125,073 | * 117,807 | * 97,658 | 91,250 |
| Production.....do..... | 101,311 | 90,227 | 103,610 | 101,775 | 111,114 | 101,954 | 103,495 | 107,304 | 97,654 | 105,927 | * 104,393 | * 103,520 | 101,320 |
| Shipments.....do..... | 100,289 | 86,642 | 105,582 | 98,680 | 111,732 | 101,168 | 95,773 | 108,870 | 96,009 | 104,313 | * 103,541 | * 104,510 | 94,235 |
| Stocks, end of month.....do..... | 53,782 | 58,640 | 50,530 | 52,120 | 51,770 | 53,705 | 54,234 | 52,915 | 54,385 | 55,237 | * 56,915 | * 55,020 | 62,330 |
| Printing paper: Orders, new.....do..... | 242,080 | 234,580 | 249,259 | 277,581 | 249,016 | 252,829 | 252,172 | 280,132 | 238,218 | 278,425 | * 255,960 | * 264,433 | 265,935 |
| Orders, unfilled, end of month.....do..... | 279,900 | 266,490 | 269,159 | 299,893 | 269,004 | 267,430 | 254,943 | 263,383 | 254,602 | 256,187 | * 246,660 | * 251,510 | 256,755 |
| Price, wholesale, book paper, "B" grade, English finish, white, f. o. b. mill. dol. per 100 lb. | 10.05 | 10.24 | 10.24 | 10.80 | 10.80 | 10.80 | 10.80 | 10.80 | 10.80 | 10.80 | 10.80 | 10.80 | 10.80 |
| Production.....short tons.. | 248,796 | 236,295 | 250,563 | 245,916 | 275,837 | 257,210 | 257,843 | 269,194 | 250,387 | 267,467 | * 264,706 | * 269,556 | 268,820 |
| Shipments.....do..... | 249,975 | 236,838 | 253,331 | 243,496 | 275,689 | 257,736 | 261,724 | 265,557 | 251,898 | 263,762 | * 259,989 | * 264,549 | 260,005 |
| Stocks, end of month.....do..... | 63,163 | 62,070 | 59,512 | 62,096 | 62,782 | 66,036 | 63,745 | 66,078 | 67,470 | 68,042 | * 74,248 | * 78,990 | 85,860 |
| Coarse paper:† Orders, new.....do..... | 242,126 | 228,912 | 233,647 | 238,828 | 264,665 | 241,042 | 245,517 | 268,523 | 241,272 | 268,636 | * 260,392 | * 259,009 | 251,150 |
| Orders, unfilled, end of month.....do..... | 158,747 | 152,605 | 149,895 | 155,539 | 159,550 | 158,730 | 155,245 | 149,956 | 150,610 | 145,093 | * 136,000 | * 134,000 | 133,000 |
| Production.....do..... | 244,373 | 222,588 | 247,641 | 235,492 | 258,098 | 249,895 | 245,463 | 265,386 | 242,667 | 268,999 | * 265,314 | * 267,586 | 253,500 |
| Shipments.....do..... | 241,498 | 220,637 | 250,406 | 230,171 | 260,401 | 247,650 | 244,540 | 262,416 | 245,741 | 267,015 | * 268,448 | * 264,375 | 251,900 |
| Stocks, end of month.....do..... | 60,330 | 60,187 | 58,190 | 60,263 | 57,886 | 60,756 | 59,931 | 63,276 | 62,890 | 62,890 | * 58,850 | * 61,090 | 62,000 |
| Newsprint: Canada: Production.....do..... | 355,606 | 379,731 | 377,941 | 366,092 | 396,251 | 364,483 | 368,925 | 371,637 | 344,645 | 387,672 | 385,606 | 388,461 | 382,937 |
| Shipments from mills.....do..... | 375,498 | 379,065 | 388,106 | 379,460 | 389,505 | 393,169 | 369,886 | 346,870 | 332,211 | 380,732 | 380,843 | 397,706 | 383,594 |
| Stocks, at mills, end of month.....do..... | 90,431 | 91,097 | 80,832 | 67,564 | 74,310 | 45,624 | 44,563 | 69,330 | 81,764 | 88,704 | 93,467 | 84,222 | 83,565 |
| United States: Consumption by publishers.....do..... | 292,664 | 263,698 | 281,102 | 299,807 | 339,286 | 338,012 | 322,136 | 292,534 | 307,967 | 338,337 | 342,572 | 348,823 | 327,060 |
| Imports.....do..... | 349,134 | 353,091 | 315,932 | 357,998 | 355,605 | 314,364 | 389,907 | 320,564 | 293,801 | 398,283 | 349,649 | 368,133 | ----- |
| Price, rolls (N. Y.).....dol. per short ton. | 90.00 | 90.00 | 90.00 | 90.00 | 90.00 | 90.00 | 90.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| Production.....short tons.. | 67,268 | 67,656 | 70,507 | 70,732 | 72,253 | 66,475 | 65,800 | 65,094 | 68,016 | 64,894 | 69,371 | 72,659 | 72,075 |
| Shipments from mills.....do..... | 66,743 | 68,955 | 69,326 | 70,168 | 73,545 | 66,439 | 68,720 | 65,037 | 59,019 | 65,943 | 69,199 | 71,533 | 72,441 |
| Stocks, end of month: At mills.....do..... | 11,951 | 10,652 | 11,833 | 12,397 | 11,105 | 11,141 | 8,301 | 8,358 | 7,355 | 6,306 | 6,478 | 7,584 | 7,218 |
| At publishers.....do..... | 228,798 | 278,913 | 295,385 | 312,573 | 308,033 | 279,631 | 292,920 | 295,052 | 267,958 | 274,453 | 268,665 | 282,202 | 294,728 |
| In transit to publishers.....do..... | 71,664 | 68,401 | 84,009 | 77,150 | 83,957 | 89,755 | 84,113 | 89,132 | 90,864 | 75,785 | 88,644 | 89,083 | 73,363 |
| Paperboard (National Paperboard Association):† Orders, new.....short tons.. | 721,312 | 736,454 | 720,388 | 788,601 | 812,849 | 747,159 | 756,818 | 826,946 | 711,294 | 894,310 | 790,215 | 791,201 | 798,033 |
| Orders, unfilled, end of month.....do..... | 461,226 | 494,554 | 425,412 | 437,550 | 436,178 | 420,456 | 452,124 | 432,911 | 423,510 | 464,653 | 397,407 | 352,013 | 381,065 |
| Production.....do..... | 742,124 | 709,956 | 768,412 | 750,042 | 823,203 | 752,036 | 741,337 | 813,169 | 713,394 | 861,215 | 824,155 | 821,795 | 789,230 |
| Percent of activity.....do..... | 101 | 90 | 99 | 96 | 101 | 1 | | | | | | | |

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|-------|-------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-------|-------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| PAPER AND PRINTING—Continued | | | | | | | | | | | | | |
| PAPER AND PAPER PRODUCTS—Con. | | | | | | | | | | | | | |
| Paper products: | | | | | | | | | | | | | |
| Shipping containers, corrugated and solid fiber, shipments*.....mil. sq. ft. surface area..... | 4,575 | 4,553 | 4,801 | 4,905 | 5,416 | 5,130 | 5,063 | 5,185 | 5,003 | 5,509 | 4,929 | 4,976 | 5,019 |
| Folding paper boxes, value*: | | | | | | | | | | | | | |
| New orders.....1936=100..... | 341.5 | 330.8 | 372.6 | 391.7 | 449.1 | 379.4 | 398.5 | 430.4 | 409.2 | 467.4 | 378.6 | 394.0 | 445.0 |
| Shipments.....do..... | 460.9 | 396.0 | 438.3 | 454.3 | 506.9 | 450.1 | 456.2 | 454.8 | 449.0 | 476.5 | 438.5 | 417.9 | 478.0 |
| PRINTING | | | | | | | | | | | | | |
| Book publication, total.....no. of editions..... | 531 | 592 | 678 | 647 | 772 | 1,135 | 1,110 | 763 | 805 | 890 | 819 | 918 | 627 |
| New books.....do..... | 426 | 439 | 526 | 549 | 659 | 885 | 835 | 612 | 607 | 732 | 637 | 715 | 504 |
| New editions.....do..... | 105 | 153 | 152 | 98 | 133 | 250 | 275 | 151 | 198 | 158 | 182 | 203 | 123 |

PETROLEUM AND COAL PRODUCTS

| COAL | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| Anthracite: | | | | | | | | | | | | | |
| Exports\$.....thous. of short tons..... | 714 | 700 | 844 | 855 | 830 | 765 | 794 | 396 | 423 | 604 | 671 | 625 | ----- |
| Prices, composite, chestnut: | | | | | | | | | | | | | |
| Retail\$.....dol. per short ton..... | 16.17 | 16.50 | 17.48 | 17.71 | 17.87 | 18.01 | 18.03 | 18.22 | 18.24 | 18.24 | 18.24 | 18.29 | 18.59 |
| Wholesale\$.....do..... | 13.520 | 13.713 | 14.615 | 14.700 | 14.760 | 14.796 | 14.803 | 14.896 | 14.912 | 15.022 | 15.023 | 15.139 | 15.332 |
| Production.....thous. of short tons..... | 4,609 | 4,084 | 4,994 | 5,141 | 5,506 | 4,613 | 4,863 | 4,921 | 4,675 | 4,925 | 4,438 | 4,867 | 4,500 |
| Bituminous: | | | | | | | | | | | | | |
| Exports\$.....do..... | 7,560 | 5,870 | 8,331 | 7,148 | 7,023 | 6,034 | 4,246 | 3,410 | 3,209 | 2,601 | 1,029 | 4,728 | ----- |
| Industrial consumption and retail deliveries, total.....thous. of short tons..... | 40,029 | 38,661 | 40,033 | 43,706 | 48,006 | 45,863 | 49,161 | 54,922 | 47,423 | 44,502 | 34,011 | 39,169 | 38,931 |
| Industrial consumption, total.....do..... | 33,705 | 33,343 | 34,975 | 36,670 | 40,252 | 37,853 | 38,315 | 41,668 | 35,746 | 34,974 | 29,600 | 33,541 | 32,988 |
| Beehive coke ovens.....do..... | 711 | 662 | 807 | 916 | 965 | 866 | 950 | 963 | 846 | 509 | 389 | 908 | 851 |
| Byproduct coke ovens.....do..... | 7,586 | 7,696 | 8,033 | 7,658 | 8,278 | 8,091 | 8,425 | 8,400 | 7,917 | 8,100 | 6,488 | 8,185 | 8,036 |
| Cement mills.....do..... | 627 | 648 | 672 | 662 | 704 | 730 | 757 | 709 | 636 | 671 | 649 | 692 | 690 |
| Electric power utilities.....do..... | 6,366 | 6,719 | 7,466 | 7,616 | 8,121 | 7,737 | 8,450 | 8,796 | 7,904 | 7,801 | 6,919 | 7,112 | 7,520 |
| Railways (class I).....do..... | 8,385 | 8,151 | 8,527 | 8,450 | 9,048 | 9,167 | 9,652 | 9,726 | 9,091 | 8,430 | 7,044 | 7,766 | 7,432 |
| Steel and rolling mills.....do..... | 742 | 718 | 736 | 741 | 826 | 867 | 966 | 1,104 | 996 | 1,023 | 819 | 822 | 798 |
| Other industrial.....do..... | 9,288 | 8,749 | 8,644 | 10,627 | 12,310 | 10,395 | 9,115 | 11,970 | 8,356 | 8,440 | 7,292 | 8,056 | 7,661 |
| Retail deliveries.....do..... | 6,324 | 5,318 | 5,058 | 7,036 | 7,754 | 8,010 | 10,846 | 13,254 | 11,677 | 9,528 | 4,411 | 5,628 | 5,943 |
| Other consumption: | | | | | | | | | | | | | |
| Vessels (bunker)\$.....do..... | 177 | 149 | 179 | 156 | 161 | 131 | 93 | 48 | 55 | 55 | 88 | 110 | 99 |
| Coal mine fuel.....do..... | 202 | 168 | 216 | 191 | 209 | 191 | 202 | (?) | (?) | (?) | (?) | (?) | (?) |
| Prices, composite: | | | | | | | | | | | | | |
| Retail (34 cities)\$.....dol. per short ton..... | 12.10 | 12.68 | 14.01 | 14.04 | 14.15 | 14.48 | 14.50 | 14.64 | 14.69 | 14.70 | 14.80 | 15.11 | 15.29 |
| Wholesale\$.....do..... | 6.382 | 7.126 | 7.424 | 7.454 | 7.528 | 7.549 | 7.575 | 7.695 | 7.710 | 7.684 | 7.728 | 7.862 | 7.882 |
| Prepared sizes.....do..... | 6.588 | 7.342 | 7.642 | 7.657 | 7.798 | 7.889 | 7.922 | 8.031 | 8.090 | 8.123 | 8.146 | 8.272 | 8.347 |
| Production.....thous. of short tons..... | 47,424 | 39,882 | 50,879 | 52,381 | 57,301 | 52,689 | 54,798 | 55,780 | 49,711 | 33,844 | 34,600 | 55,965 | 53,208 |
| Stocks, industrial and retail dealers, end of month: | | | | | | | | | | | | | |
| total.....thous. of short tons..... | 49,778 | 45,366 | 47,157 | 48,370 | 50,276 | 50,455 | 52,161 | 49,576 | 48,613 | 43,585 | 34,418 | 47,032 | 58,010 |
| Industrial, total.....do..... | 46,384 | 42,176 | 45,199 | 46,353 | 48,144 | 48,255 | 50,124 | 48,185 | 47,424 | 42,581 | 33,576 | 45,680 | 56,166 |
| Byproduct coke ovens.....do..... | 7,096 | 4,804 | 5,482 | 6,216 | 7,310 | 8,207 | 9,148 | 8,671 | 8,807 | 7,435 | 4,308 | 7,762 | 10,474 |
| Cement mills.....do..... | 1,079 | 968 | 894 | 909 | 1,049 | 1,087 | 1,113 | 1,049 | 991 | 956 | 776 | 1,001 | 1,361 |
| Electric power utilities.....do..... | 16,409 | 15,292 | 15,739 | 16,154 | 16,772 | 16,673 | 16,788 | 15,792 | 14,868 | 13,609 | 11,745 | 14,601 | 17,041 |
| Railways (class I).....do..... | 8,517 | 6,808 | 6,522 | 6,227 | 6,305 | 6,156 | 6,749 | 6,906 | 7,047 | 5,599 | 4,864 | 7,208 | 8,787 |
| Steel and rolling mills.....do..... | 1,226 | 1,086 | 1,128 | 1,089 | 1,076 | 985 | 1,012 | 943 | 976 | 881 | 771 | 1,074 | 1,269 |
| Other industrial.....do..... | 12,057 | 13,218 | 15,434 | 15,758 | 15,632 | 15,147 | 15,314 | 14,824 | 14,735 | 14,101 | 11,112 | 14,034 | 17,234 |
| Retail dealers, total.....do..... | 3,394 | 3,190 | 1,958 | 2,017 | 2,132 | 2,200 | 2,037 | 1,391 | 1,189 | 1,004 | 842 | 1,352 | 1,844 |
| COKE | | | | | | | | | | | | | |
| Exports\$.....thous. of short tons..... | 63 | 66 | 77 | 60 | 118 | 76 | 79 | 60 | 59 | 67 | 37 | 81 | ----- |
| Price, beehive, Connellsville (furnace).....dol. per short ton..... | 9.562 | 11.000 | 12.000 | 12.000 | 12.125 | 12.250 | 12.250 | 12.500 | 12.500 | 12.500 | 12.500 | 12.900 | 13.000 |
| Production: | | | | | | | | | | | | | |
| Beehive.....thous. of short tons..... | 471 | 429 | 578 | 583 | 616 | 549 | 603 | 606 | 539 | 324 | 246 | 577 | 541 |
| Byproduct.....do..... | 5,353 | 5,373 | 5,633 | 5,396 | 5,800 | 5,650 | 5,886 | 5,865 | 5,513 | 5,653 | 4,491 | 5,722 | 5,593 |
| Petroleum coke.....do..... | 201 | 224 | 200 | 192 | 210 | 175 | 210 | 204 | 203 | 242 | 225 | 217 | ----- |
| Stocks, end of month: | | | | | | | | | | | | | |
| Byproduct plants, total.....do..... | 668 | 773 | 982 | 1,029 | 1,063 | 1,151 | 1,040 | 912 | 807 | 716 | 646 | 802 | 856 |
| At furnace plants.....do..... | 400 | 458 | 544 | 509 | 513 | 589 | 535 | 554 | 618 | 587 | 533 | 644 | 641 |
| At merchant plants.....do..... | 268 | 315 | 438 | 520 | 550 | 562 | 504 | 358 | 190 | 128 | 113 | 158 | 215 |
| Petroleum coke.....do..... | 89 | 86 | 110 | 95 | 97 | 83 | 69 | 67 | 79 | 66 | 69 | 83 | ----- |
| PETROLEUM AND PRODUCTS | | | | | | | | | | | | | |
| Crude petroleum: | | | | | | | | | | | | | |
| Consumption (runs to stills)\$.....thous. of bbl..... | 153,604 | 161,844 | 163,068 | 159,771 | 162,854 | 158,719 | 165,858 | 165,796 | 156,014 | 167,007 | 166,198 | 175,705 | ----- |
| Exports\$.....do..... | 3,768 | 5,184 | 4,139 | 4,087 | 3,699 | 3,844 | 4,039 | 2,992 | 2,626 | 3,138 | 3,538 | 3,362 | ----- |
| Imports\$.....do..... | 7,762 | 8,033 | 7,919 | 8,591 | 7,908 | 7,512 | 9,339 | 8,622 | 7,638 | 9,767 | 9,393 | 9,144 | ----- |
| Price (Kansas-Okla.) at wells.....dol. per bbl..... | 1.810 | 1.810 | 1.810 | 1.810 | 1.910 | 2.010 | 2.410 | 2.510 | 2.510 | 2.510 | 2.510 | 2.510 | 2.510 |
| Production.....thous. of bbl..... | 162,978 | 159,237 | 160,365 | 157,530 | 164,913 | 158,736 | 165,443 | 163,781 | 155,224 | 167,593 | 164,509 | 170,574 | ----- |
| Refinery operations.....pct. of capacity..... | 97 | 98 | 98 | 99 | 97 | 98 | 98 | 96 | 93 | 92 | 95 | 97 | ----- |
| Stocks, end of month: | | | | | | | | | | | | | |
| Refinable in U. S.\$.....thous. of bbl..... | 237,278 | 230,974 | 228,523 | 225,258 | 226,666 | 225,462 | 224,929 | 223,430 | 224,880 | 227,408 | 227,278 | 223,820 | ----- |
| At refineries.....do..... | 59,160 | 56,656 | 57,136 | 54,050 | 53,849 | 53,660 | 52,864 | 53,891 | 54,572 | 58,989 | 60,807 | 58,751 | ----- |
| At tank farms and in pipe lines.....do..... | 162,784 | 159,556 | 156,241 | 156,276 | 157,853 | 156,224 | 156,726 | 153,378 | 154,233 | 152,758 | 150,787 | 148,890 | ----- |
| On leases\$.....do..... | 15,334 | 14,762 | 15,146 | 14,932 | 14,964 | 15,578 | 15,339 | 16,161 | 16,075 | 15,661 | 15,684 | 16,179 | ----- |
| Heavy in California.....do..... | 5,429 | 5,208 | 5,320 | 5,194 | 5,275 | 5,623 | 5,725 | 6,412 | 6,539 | 6,756 | 7,228 | 7,498 | ----- |
| Wells completed.....number..... | 1,523 | 1,842 | 1,810 | 1,522 | 1,760 | 1,554 | 1,416 | 1,733 | 1,406 | 1,630 | 1,716 | 1,864 | ----- |
| Refined petroleum products: | | | | | | | | | | | | | |
| Fuel oils: | | | | | | | | | | | | | |
| Domestic demand:\$ | | | | | | | | | | | | | |
| Distillate fuel oil.....thous. of bbl..... | 16,977 | 16,355 | 16,063 | 19,414 | 23,116 | 28,997 | 40,426 | 42,056 | 38,648 | 33,779 | 25,498 | 22,809 | ----- |
| Residual fuel oil.....do..... | 38,237 | 40,412 | 39,864 | 40,677 | 43,995 | 43,538 | 52,015 | 48,853 | 45,565 | 47,808 | 42,831 | 40,089 | ----- |
| Consumption by type of consumer: | | | | | | | | | | | | | |
| Electric power plants.....do..... | 3,273 | 3,715 | 3,810 | 3,927 | 4,039 | 3,862 | 4,261 | 4,433 | 4,002 | 4,256 | 3,601 | 2,943 | 3,083 |
| Railways (class I).....do..... | 6,564 | 6,714 | 6,650 | 6,506 | 6,941 | 7,004 | 7,141 | 6,661 | 6,188 | 6,409 | 5,995 | 5,824 | ----- |
| Vessels (bunker oil)\$.....do..... | 6,080 | 6,371 | 6,676 | 5,948 | 5,901 | 5,382 | 5,419 | 4,510 | 4,800 | 5,054 | 4,651 | 4,606 | 5,685 |

Revised.

1 See note marked "Q" for this page.

2 Beginning January 1948 included in "other industrial."

Q The comparability of the data for both anthracite and bituminous coal is slightly affected beginning March 1948 by a substitution for one of the reporting companies; February 1948 figures strictly comparable with March or anthracite and bituminous coal, prepared sizes, are \$15.011 and \$8.122, respectively; for bituminous coal, mine run, there was no change in price between February and March on the basis of comparable reports; April 1948 figure strictly comparable with May for bituminous coal, prepared sizes, \$8.154.

R Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later. Bituminous coal exports for October-December 1947 have been revised to include Army civilian supply shipments (see note marked "S" on p. S-20).

S The comparability of the series has been affected from time to time by a reduction in the number of cities or by a change in the sample (see note marked "T" in the April 1948 Survey for changes during 1946 and early 1947); February-July 1947 data are directly comparable and cover 10 cities for anthracite and 30 cities for bituminous coal. Beginning August 1947 data cover 10 cities for anthracite and 21 cities for bituminous coal. July 1947 averages comparable with August for anthracite and bituminous are \$16.46 and \$13.04, respectively.

T New series. For data beginning 1934 for shipping containers, see p. 20 of the September 1944 Survey. For data beginning June 1943 for folding paper boxes, see p. S-32 of the August 1944 Survey. Revisions in the January-September 1946 figures for folding paper boxes and January 1943-May 1944 data for shipping containers are available on request.

U Revised series. See note marked "U" on p. S-36 of the September 1947 Survey for reference to 19

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|-----------|---------|---------|-----------|---------|----------|----------|---------|-----------|-----------|-----------|-----------|--------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| PETROLEUM AND COAL PRODUCTS—Continued | | | | | | | | | | | | | |
| PETROLEUM AND PRODUCTS—Continued | | | | | | | | | | | | | |
| Refined petroleum products—Continued | | | | | | | | | | | | | |
| Fuel oils—Continued | | | | | | | | | | | | | |
| Exports:§ | | | | | | | | | | | | | |
| Distillate fuel oil.....thous. of bbl. | 2,088 | 2,987 | 3,019 | 2,990 | 3,058 | 1,376 | 842 | 1,585 | 1,042 | 1,222 | 1,649 | 2,323 | |
| Residual fuel oil.....do. | 679 | 600 | 781 | 821 | 797 | 410 | 769 | 281 | 499 | 683 | 907 | 689 | |
| Price, fuel oil (Pennsylvania).....dol. per gal. | .075 | .079 | .085 | .087 | .090 | .092 | .102 | .110 | .110 | .110 | .110 | .110 | .110 |
| Production: | | | | | | | | | | | | | |
| Distillate fuel oil.....thous. of bbl. | 24,214 | 26,270 | 26,946 | 27,325 | 29,072 | 28,254 | 30,759 | 33,539 | 32,688 | 32,548 | 29,352 | 30,764 | |
| Residual fuel oil.....do. | 36,977 | 38,550 | 38,592 | 37,098 | 39,066 | 37,344 | 39,746 | 39,606 | 37,542 | 40,523 | 39,104 | 40,732 | |
| Stocks, end of month: | | | | | | | | | | | | | |
| Distillate fuel oil.....do. | 39,676 | 46,444 | 54,707 | 59,764 | 63,252 | 61,334 | 51,081 | 41,036 | 34,590 | 32,214 | 34,514 | 40,781 | |
| Residual fuel oil.....do. | 43,515 | 47,600 | 51,334 | 52,578 | 52,502 | 52,455 | 47,091 | 44,636 | 43,156 | 41,945 | 43,301 | 48,518 | |
| Kerosene: | | | | | | | | | | | | | |
| Domestic demand§.....do. | 5,910 | 5,348 | 5,447 | 6,580 | 8,163 | 11,070 | 12,904 | 16,198 | 12,608 | 10,884 | 7,774 | 6,508 | |
| Exports§.....do. | 711 | 746 | 813 | 476 | 578 | 372 | 66 | 216 | 69 | 269 | 88 | 474 | |
| Price, wholesale, water white, 47° refinery (Pennsylvania).....dol. per gal. | .082 | .088 | .092 | .095 | .095 | .095 | .108 | .115 | .121 | .125 | .125 | .125 | .125 |
| Production.....thous. of bbl. | 8,717 | 9,117 | 8,970 | 8,547 | 9,308 | 9,352 | 10,129 | 10,697 | 11,030 | 11,266 | 10,236 | 9,973 | |
| Stocks, refinery, end of month.....do. | 8,956 | 10,867 | 13,161 | 14,286 | 14,908 | 12,842 | 9,940 | 6,690 | 5,849 | 6,039 | 6,872 | 8,872 | |
| Lubricants: | | | | | | | | | | | | | |
| Domestic demand§.....do. | 2,873 | 3,003 | 3,051 | 3,217 | 3,427 | 2,917 | 3,295 | 3,056 | 3,044 | 3,231 | 3,096 | 2,956 | |
| Exports§.....do. | 1,338 | 1,300 | 1,105 | 896 | 1,090 | 961 | 1,160 | 1,028 | 1,143 | 1,032 | 1,139 | 1,142 | |
| Price, wholesale, cylinder, refinery (Pennsylvania).....dol. per gal. | .330 | .338 | .350 | .352 | .360 | .360 | .378 | .390 | .390 | .390 | .390 | .390 | .390 |
| Production.....thous. of bbl. | 4,427 | 4,227 | 4,400 | 4,047 | 4,350 | 4,264 | 4,566 | 4,287 | 4,132 | 4,404 | 4,308 | 4,500 | |
| Stocks, refinery, end of month.....do. | 8,281 | 8,188 | 8,420 | 8,340 | 8,157 | 8,531 | 8,624 | 7,892 | 7,829 | 7,961 | 8,022 | 8,411 | |
| Motor fuel: | | | | | | | | | | | | | |
| All types: | | | | | | | | | | | | | |
| Domestic demand§.....do. | 71,329 | 73,441 | 72,089 | 71,384 | 73,295 | 64,158 | 67,285 | 61,308 | 56,487 | 68,171 | 72,183 | 77,186 | |
| Exports§.....do. | 3,937 | 4,020 | 3,224 | 3,084 | 3,171 | 3,673 | 2,882 | 2,075 | 1,426 | 2,165 | 3,190 | 3,218 | |
| Prices, gasoline: | | | | | | | | | | | | | |
| Wholesale, refinery (Okla.).....dol. per gal. | .080 | .080 | .083 | .084 | .085 | .090 | .099 | .105 | .105 | .105 | .105 | .105 | .105 |
| Wholesale, tank wagon (N. Y.).....do. | .172 | .174 | .174 | .176 | .178 | .178 | .183 | .188 | .188 | .188 | .188 | .188 | .188 |
| Retail, service stations, 50 cities.....do. | .171 | .172 | .174 | .178 | .178 | .179 | .194 | .195 | .195 | .195 | .195 | .195 | .196 |
| Production, total†.....thous. of bbl. | 69,847 | 73,494 | 75,745 | 72,944 | 75,656 | 72,061 | 75,140 | 73,812 | 67,518 | 72,025 | 74,219 | 79,421 | |
| Gasoline and naphtha from crude oil, do. | 61,855 | 65,200 | 67,404 | 64,744 | 67,150 | 63,623 | 66,770 | 65,744 | 59,964 | 63,608 | 65,834 | 70,501 | |
| Natural gasoline and allied products††, do. | 10,505 | 11,019 | 11,254 | 11,096 | 11,685 | 11,951 | 12,357 | 12,047 | 11,372 | 12,296 | 11,704 | 12,072 | |
| Sales of l. p. g. for fuel, etc. and transfer of cycle products.....thous. of bbl. | 2,513 | 2,725 | 2,913 | 2,896 | 3,179 | 3,513 | 3,967 | 3,979 | 3,818 | 3,879 | 3,319 | 3,152 | |
| Used at refineries†.....do. | 5,898 | 6,176 | 6,477 | 6,513 | 6,355 | 6,323 | 5,994 | 6,434 | 5,695 | 6,187 | 6,058 | 6,551 | |
| Retail distribution‡.....mil. of gal. | 2,936 | 3,080 | 3,022 | 2,892 | 2,959 | 2,593 | 2,794 | 2,400 | 2,297 | 2,745 | 2,979 | | |
| Stocks, gasoline, end of month: | | | | | | | | | | | | | |
| Finished gasoline, total.....thous. of bbl. | 81,160 | 77,069 | 77,190 | 75,882 | 74,710 | 78,669 | 83,111 | 93,290 | 102,235 | 103,398 | 101,280 | 99,554 | |
| At refineries.....do. | 50,610 | 47,929 | 46,398 | 45,567 | 45,084 | 46,529 | 51,570 | 61,134 | 68,604 | 68,824 | 64,553 | 61,648 | |
| Unfinished gasoline.....do. | 8,614 | 8,934 | 8,659 | 8,478 | 7,874 | 8,882 | 9,192 | 8,877 | 8,764 | 8,551 | 8,549 | 8,998 | |
| Natural gasoline.....do. | 5,452 | 5,269 | 5,017 | 4,456 | 4,221 | 4,266 | 4,296 | 4,323 | 4,673 | 4,806 | 5,305 | 5,622 | |
| Aviation gasoline:** | | | | | | | | | | | | | |
| Production, total.....do. | 3,003 | 3,467 | 3,664 | 3,733 | 3,449 | 3,316 | 3,379 | 3,443 | 3,044 | 3,315 | 4,088 | 4,075 | |
| 100 octane and above.....do. | 1,353 | 1,545 | 2,061 | 2,258 | 2,121 | 2,187 | 2,186 | 2,385 | 1,825 | 2,329 | 2,945 | 2,775 | |
| Stocks, total.....do. | 4,847 | 5,144 | 5,450 | 5,803 | 5,910 | 6,106 | 6,064 | 6,557 | 7,186 | 7,044 | 7,359 | 6,790 | |
| 100 octane and above.....do. | 1,671 | 1,804 | 1,968 | 2,198 | 2,338 | 2,575 | 2,422 | 2,712 | 2,964 | 2,808 | 3,266 | 2,667 | |
| Asphalt: | | | | | | | | | | | | | |
| Imports§.....short tons. | 12,424 | 24,591 | 26,191 | 10,189 | 47,889 | 67 | 12,316 | 11,031 | 12,382 | 17,793 | 11,904 | 42,623 | |
| Production.....do. | 823,800 | 879,800 | 987,500 | 931,800 | 901,100 | 726,900 | 638,500 | 587,500 | 551,800 | 624,000 | 676,900 | 818,400 | |
| Stocks, refinery, end of month.....do. | 1,000,500 | 866,200 | 716,500 | 597,800 | 540,700 | 661,300 | 731,100 | 812,400 | 1,925,800 | 1,020,700 | 1,082,900 | 1,156,200 | |
| Wax: | | | | | | | | | | | | | |
| Production.....thous. of lb. | 78,120 | 89,600 | 66,080 | 89,880 | 80,080 | 85,960 | 96,320 | 98,000 | 82,320 | 98,280 | 92,960 | 82,600 | |
| Stocks, refinery, end of month.....do. | 88,200 | 93,620 | 87,920 | 96,320 | 91,000 | 96,880 | 98,280 | 104,720 | 103,320 | 100,800 | 108,920 | 112,560 | |
| Asphalt prepared roofing, shipments, total† | | | | | | | | | | | | | |
| Consumption.....thous. of squares. | 5,806 | 5,600 | 5,672 | 5,886 | 6,640 | 5,549 | 5,686 | 5,549 | 5,121 | 5,155 | 4,946 | 4,636 | 5,221 |
| Smooth-surfaced roll roofing and cap sheet, do. | 1,747 | 1,630 | 1,590 | 1,699 | 1,908 | 1,649 | 1,736 | 1,743 | 1,611 | 1,561 | 1,405 | 1,216 | 1,280 |
| Mineral-surfaced roll roofing and cap sheet, do. | 1,368 | 1,287 | 1,322 | 1,368 | 1,529 | 1,254 | 1,285 | 1,244 | 1,132 | 1,208 | 1,056 | 998 | 1,084 |
| Shingles, all types.....do. | 2,691 | 2,683 | 2,750 | 2,819 | 3,203 | 2,647 | 2,665 | 2,562 | 2,378 | 2,385 | 2,484 | 2,423 | 2,857 |
| Asphalt siding, shipments*.....do. | 334 | 271 | 283 | 300 | 353 | 331 | 356 | 338 | 329 | 350 | 251 | 213 | 205 |
| Saturated felt, shipments*.....short tons. | 32,758 | 33,234 | 35,456 | 39,565 | 42,637 | 36,667 | 37,470 | 40,180 | 37,633 | 49,662 | 55,316 | 52,476 | 55,043 |

RUBBER AND RUBBER PRODUCTS

| RUBBER | | | | | | | | | | | | | |
|-----------------------------------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Natural rubber: | | | | | | | | | | | | | |
| Consumption§.....long tons. | 42,529 | 40,389 | 47,289 | 50,557 | 57,286 | 52,076 | 56,284 | 58,174 | 51,012 | 54,444 | 50,616 | 52,022 | 55,692 |
| Imports, including latex and Guayules.....do. | 65,724 | 57,626 | 45,526 | 46,285 | 49,976 | 50,946 | 71,596 | 80,852 | 54,418 | 72,074 | 40,747 | 40,709 | |
| Stocks, end of month§.....do. | 345,175 | 2131,624 | 2130,040 | 2122,097 | 2114,115 | 2110,752 | 2129,038 | 2136,227 | 2148,081 | 2130,295 | 2123,248 | 2112,724 | 2118,389 |
| Synthetic rubber:* | | | | | | | | | | | | | |
| Consumption.....do. | 42,580 | 37,607 | 39,001 | 41,865 | 45,668 | 39,091 | 43,230 | 43,003 | 35,375 | 38,222 | 34,632 | 35,268 | 39,318 |
| Exports.....do. | 2,290 | 454 | 287 | 349 | 202 | 221 | 413 | 419 | 464 | 387 | 569 | 400 | |
| Production.....do. | 35,681 | 31,917 | 32,901 | 30,518 | 33,834 | 37,825 | 38,134 | 39,428 | 39,025 | 43,940 | 40,846 | 42,866 | 41,206 |
| Stocks, end of month.....do. | 97,612 | 297,728 | 291,288 | 279,246 | 267,379 | 267,871 | 262,366 | 260,290 | 265,649 | 272,885 | 278,722 | 285,734 | 289,214 |
| Reclaimed rubber:§ | | | | | | | | | | | | | |
| Consumption.....do. | 21,283 | 20,433 | 21,093 | 23,801 | 26,735 | 23,491 | 25,229 | 25,885 | 22,374 | 24,362 | 22,322 | 22,975 | 23,527 |
| Production.....do. | 24,144 | 21,252 | 21,658 | 22,561 | 25,648 | 23,161 | 25,123 | 25,634 | 23,678 | 24,089 | 21,802 | 21,043 | 22,547 |
| Stocks, end of month.....do. | 39,598 | 239,704 | 240,130 | 238,461 | 236,643 | 236,425 | 235,943 | 236,307 | 238,444 | 238,313 | 237,946 | 236,612 | 235,706 |
| TIRES AND TUBES | | | | | | | | | | | | | |
| Pneumatic casings:§ | | | | | | | | | | | | | |
| Exports@.....thousands. | 7,398 | 7,343 | 7,343 | 7,280 | 7,294 | 7,234 | 7,243 | 7,195 | 7,184 | 7,161 | 7,166 | 7,143 | |
| Production.....do. | 7,583 | 6,790 | 7,165 | 7,919 | 8,889 | 7,716 | 8,050 | 7,851 | 6,385 | 6,930 | 6,574 | 6,931 | 7,584 |
| Shipments.....do. | 7,526 | 7,441 | 7,620 | 8,246 | 8,639 | 7,915 | 6,583 | 5,919 | 5,106 | 5,703 | 7,039 | 6,254 | 7,827 |
| Original equipment.....do. | 2,130 | 1,974 | 1,793 | 2,128 | 2,178 | 2,097 | 2,338 | 2,330 | 2,020 | 2,366 | 2,265 | 1,818 | 2,189 |
| Stocks, end of month.....do. | 6,670 | 5,838 | 5,464 | 5,191 | 5,513 | 5,277 | 6,975 | 8,806 | 10,172 | 11,364 | 10,940 | 11,611 | 11,436 |

* Revised. † New basis excluding distributors' stocks in California; comparable figures for December 31, 1947: lubricants, 7,701; asphalt, 685,600.
 ‡ Beginning July 1947 data are reported stocks available to industry. § See note in the April 1946 Survey. Revisions for January 1945-July 1946 will be shown later.
 ¶ Data continue series published in the 1942 Supplement but suspended during the war period; data for 1941-45 for reclaimed and natural rubber and for tires and tubes (p. S-38) are shown on pp. 22 and 23 of the December 1946 Survey; data for October 1941-February 1945 for other series will be shown later.
 ** Includes natural gasoline, cycle products, liquefied petroleum gases at natural gasoline plants and benzol; sales of liquefied petroleum gas for fuels and for chemicals and transfers of cycle products are deducted before combining the data with gasoline and naphtha to obtain total motor

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|-------|-------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|--------|-------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| RUBBER AND RUBBER PRODUCTS—Continued | | | | | | | | | | | | | |
| TIRES AND TUBES—Continued | | | | | | | | | | | | | |
| Inner tubes:‡ | | | | | | | | | | | | | |
| ExportsⓄ..... thousands | 306 | 268 | 217 | 157 | 181 | 137 | 134 | 101 | 120 | 126 | 117 | 95 | |
| Production..... do | 5,440 | 4,542 | 5,179 | 6,540 | 7,619 | 6,457 | 6,544 | 6,226 | 4,980 | 5,534 | 5,578 | 5,702 | 6,716 |
| Shipments..... do | 5,779 | 6,216 | 6,499 | 7,233 | 7,616 | 6,343 | 5,324 | 5,152 | 4,505 | 5,188 | 5,807 | 5,419 | 6,745 |
| Stocks, end of month..... do | 9,413 | 7,909 | 6,937 | 6,339 | 6,424 | 6,683 | 8,088 | 9,116 | 9,657 | 9,930 | 9,737 | 10,069 | 9,939 |

STONE, CLAY, AND GLASS PRODUCTS

| | | | | | | | | | | | | | |
|---------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| ABRASIVE PRODUCTS | | | | | | | | | | | | | |
| Coated abrasive paper and cloth, shipments, reams.. | 134,834 | 126,722 | 130,489 | 146,111 | 146,754 | 145,409 | 125,743 | 111,889 | 139,066 | 161,110 | 160,918 | 158,554 | 171,412 |
| PORTLAND CEMENT | | | | | | | | | | | | | |
| Production..... thous. of bbl. | 15,971 | 16,342 | 17,450 | 17,319 | 18,300 | 16,814 | 16,123 | 14,541 | 13,347 | 14,502 | 16,041 | 17,740 | |
| Percent of capacity..... | 81 | 80 | 86 | 88 | 90 | 85 | 79 | 71 | 70 | 71 | 80 | 86 | |
| Shipments..... thous. of bbl. | 18,179 | 20,069 | 20,365 | 19,840 | 20,562 | 16,267 | 12,379 | 9,205 | 8,338 | 13,957 | 19,047 | 19,544 | |
| Stocks, finished, end of month..... do | 17,095 | 13,337 | 10,452 | 7,921 | 5,668 | 6,209 | 9,975 | 15,336 | 20,340 | 20,886 | 17,880 | 16,077 | |
| Stocks, clinker, end of month..... do | 5,736 | 5,514 | 4,855 | 3,889 | 3,114 | 2,929 | 3,605 | 4,299 | 5,196 | 6,072 | 5,930 | 5,650 | |
| CLAY PRODUCTS | | | | | | | | | | | | | |
| Brick, unglazed: | | | | | | | | | | | | | |
| Price, wholesale, common, composite, f. o. b. plant dol. per thous. | 19,550 | 19,668 | 19,937 | 20,374 | 20,490 | 20,636 | 20,843 | 21,093 | 21,194 | 21,479 | 22,040 | 22,204 | 22,448 |
| Production*..... thous. of standard brick | 414,634 | 458,591 | 466,592 | 456,945 | 511,366 | 460,971 | 436,073 | 369,034 | 317,619 | 392,440 | 445,263 | 490,885 | |
| Shipments*..... do | 406,918 | 455,616 | 457,311 | 483,622 | 538,950 | 453,100 | 431,130 | 335,438 | 300,386 | 414,418 | 494,952 | 493,644 | |
| Stocks, end of month*..... do | 528,873 | 504,124 | 511,977 | 483,156 | 451,497 | 456,272 | 452,138 | 479,788 | 493,925 | 470,041 | 421,558 | 415,796 | |
| Structural tile, unglazed:* | | | | | | | | | | | | | |
| Production..... short tons | 101,742 | 118,814 | 114,163 | 111,230 | 115,844 | 106,221 | 97,369 | 84,678 | 83,982 | 99,575 | 109,451 | 109,586 | |
| Shipments..... do | 98,364 | 110,220 | 112,805 | 110,343 | 119,243 | 100,579 | 95,319 | 77,107 | 75,800 | 97,871 | 113,784 | 113,851 | |
| Stocks..... do | 117,080 | 123,943 | 124,935 | 124,794 | 119,289 | 124,331 | 120,653 | 127,676 | 134,959 | 136,014 | 130,818 | 125,046 | |
| Vitrified clay sewer pipe:* | | | | | | | | | | | | | |
| Production..... do | 115,717 | 109,686 | 111,418 | 117,038 | 120,704 | 117,435 | 120,892 | 118,720 | 110,777 | 131,353 | 122,561 | 120,181 | |
| Shipments..... do | 111,547 | 110,012 | 110,754 | 117,530 | 119,913 | 110,906 | 116,647 | 98,540 | 93,973 | 122,307 | 124,272 | 121,210 | |
| Stocks..... do | 156,358 | 155,971 | 156,544 | 155,976 | 156,607 | 159,360 | 166,450 | 183,694 | 200,385 | 209,313 | 207,527 | 206,460 | |
| GLASS PRODUCTS | | | | | | | | | | | | | |
| Glass containers:† | | | | | | | | | | | | | |
| Production..... thous. of gross | 9,619 | 8,877 | 9,476 | 9,384 | 9,646 | 8,402 | 7,988 | 8,015 | 7,320 | 8,977 | 8,951 | 8,820 | 8,145 |
| Shipments, domestic, total..... do | 8,316 | 8,127 | 8,859 | 8,781 | 8,767 | 7,703 | 7,603 | 7,006 | 6,886 | 10,399 | 7,383 | 7,902 | 7,397 |
| General use food: | | | | | | | | | | | | | |
| Narrow neck food..... do | 928 | 764 | 1,285 | 1,528 | 823 | 473 | 482 | 532 | 578 | 969 | 549 | 653 | 831 |
| Wide mouth food (incl. packers tumblers) thous. of gross | 1,650 | 1,754 | 2,322 | 2,189 | 12,251 | 1,846 | 1,745 | 1,820 | 1,759 | 2,518 | 1,769 | 1,976 | 1,866 |
| Beverage..... do | 1,093 | 1,152 | 1,212 | 1,040 | 955 | 632 | 526 | 419 | 692 | 1,338 | 2,729 | 849 | 884 |
| Beer bottles..... do | 1,616 | 1,263 | 676 | 632 | 744 | 974 | 1,271 | 839 | 704 | 1,055 | 605 | 692 | 641 |
| Liquor and wine..... do | 663 | 575 | 627 | 778 | 1,279 | 1,502 | 1,167 | 840 | 783 | 1,060 | 786 | 781 | 604 |
| Medicinal and toilet..... do | 1,309 | 1,449 | 1,479 | 1,645 | 1,794 | 1,529 | 1,603 | 1,791 | 1,584 | 2,281 | 1,861 | 1,638 | 1,466 |
| Chemical, household and industrial..... do | 433 | 397 | 466 | 452 | 589 | 449 | 419 | 479 | 502 | 813 | 470 | 535 | 501 |
| Dairy products..... do | 305 | 308 | 307 | 290 | 315 | 285 | 384 | 247 | 244 | 272 | 339 | 210 | 208 |
| Fruit jars and jelly glasses..... do | 320 | 464 | 486 | 227 | 117 | 113 | 17 | 39 | 39 | 92 | 275 | 568 | 395 |
| Stocks, end of month..... do | 6,849 | 7,065 | 7,300 | 7,478 | 7,896 | 8,132 | 8,057 | 8,380 | 8,488 | 6,724 | 7,876 | 8,419 | 8,810 |
| Other glassware, machine-made: | | | | | | | | | | | | | |
| Tumblers:† | | | | | | | | | | | | | |
| Production..... thous. of dozens | 6,210 | 4,993 | 5,854 | 4,688 | 5,833 | 4,674 | 4,944 | 4,539 | 4,325 | 5,223 | 5,422 | 5,278 | 4,357 |
| Shipments..... do | 5,261 | 4,346 | 4,867 | 5,994 | 5,186 | 4,961 | 4,599 | 4,416 | 4,296 | 5,314 | 5,628 | 5,277 | 4,742 |
| Stocks..... do | 7,729 | 7,775 | 8,158 | 7,940 | 8,869 | 8,694 | 8,924 | 8,690 | 8,741 | 8,669 | 8,510 | 8,398 | 8,155 |
| Table, kitchen, and householdware, shipments† thous. of dozens | 3,331 | 2,302 | 3,645 | 3,483 | 4,511 | 4,181 | 3,793 | 3,195 | 3,051 | 4,147 | 3,714 | 3,847 | 3,351 |
| Plate glass, polished, production..... thous. of sq. ft. | 21,026 | 17,670 | 21,401 | 20,648 | 22,989 | 18,777 | 20,089 | 21,958 | 21,751 | 23,572 | 23,417 | 20,783 | 24,208 |
| GYP SUM AND PRODUCTS | | | | | | | | | | | | | |
| Crude gypsum: | | | | | | | | | | | | | |
| Imports§..... thous. of short tons | 409 | | | 918 | | | 644 | | | 261 | | | |
| Production..... do | 1,467 | | | 1,507 | | | 1,667 | | | 1,542 | | | |
| Calcined, production..... do | 1,166 | | | 1,279 | | | 1,410 | | | 1,385 | | | |
| Gypsum products sold or used: | | | | | | | | | | | | | |
| Uncalcined..... short tons | 407,354 | | | 445,659 | | | 519,395 | | | 506,561 | | | |
| Calcined: | | | | | | | | | | | | | |
| For building uses: | | | | | | | | | | | | | |
| Base-coat plasters..... do | 391,548 | | | 451,070 | | | 499,480 | | | 410,518 | | | |
| Keene's cement..... do | 12,520 | | | 10,084 | | | 10,909 | | | 11,944 | | | |
| All other building plasters..... do | 101,597 | | | 104,505 | | | 116,881 | | | 107,121 | | | |
| Lath..... thous. of sq. ft. | 391,142 | | | 462,222 | | | 488,677 | | | 530,444 | | | |
| Tile..... do | 7,281 | | | 6,791 | | | 7,233 | | | 7,273 | | | |
| WallboardⓈ..... do | 520,358 | | | 514,871 | | | 592,627 | | | 684,302 | | | |
| Industrial plasters..... short tons | 46,745 | | | 46,148 | | | 55,998 | | | 50,692 | | | |

TEXTILE PRODUCTS

| | | | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| CLOTHING | | | | | | | | | | | | | |
| Hosiery: | | | | | | | | | | | | | |
| Production..... thous. of dozen pairs | 10,546 | 10,424 | 11,651 | 12,408 | 13,962 | 12,804 | 12,548 | 13,405 | 13,365 | 14,185 | 13,303 | 12,162 | |
| Shipments..... do | 10,503 | 10,020 | 11,828 | 13,170 | 14,589 | 13,099 | 12,415 | 13,199 | 13,178 | 14,312 | 12,850 | 10,974 | |
| Stocks, end of month..... do | 20,795 | 21,198 | 21,021 | 20,259 | 19,633 | 19,338 | 22,217 | 22,423 | 22,610 | 22,483 | 22,936 | 24,123 | |
| COTTON | | | | | | | | | | | | | |
| Cotton (exclusive of linters): | | | | | | | | | | | | | |
| Consumption..... bales | 729,412 | 677,780 | 710,601 | 727,448 | 826,216 | 759,498 | 753,406 | 860,202 | 785,231 | 878,714 | 829,730 | 785,440 | 801,142 |
| Exports§..... do | 302,773 | 83,918 | 437,066 | 123,545 | 134,190 | 164,665 | 229,553 | 214,098 | 163,498 | 201,062 | 155,080 | 204,811 | |
| Imports§..... do | 62,029 | 8,163 | 4,984 | 95,528 | 97,946 | 11,750 | 15,319 | 9,454 | 19,014 | 10,308 | 14,668 | 7,846 | |
| Prices received by farmers†..... dol. per lb. | .341 | .359 | .332 | .312 | .307 | .319 | .341 | .331 | .307 | .318 | .341 | .353 | .332 |
| Prices, wholesale, middling, 1 ¹ / ₁₆ ¢, average, 10 markets..... dol. per lb. | .372 | .375 | .343 | .316 | .317 | .336 | .358 | .352 | .328 | .342 | .372 | .376 | .370 |

† Revised.

‡ Jelly glasses included with wide mouth food containers.

§ Includes small quantity of nonreturnable beverage containers.

Ⓢ Laminated board included with tile temporarily.

¶ Revised to include Army civilian supply exports (see note marked "\$" on p. S-20); there were no such shipments in other months of 1947.

Ⓢ Includes laminated board reported as component board. § See note marked "\$" on p. S-37.

Ⓢ See note marked "Ⓢ" on p. S-37.

* New series. See note marked "****" on p. S-37 of September 1947 Survey for reference to tables giving the earliest data available for the clay products series.

† Revised series. See note on p. S-34 of the July 1944 Survey regarding changes in the data for glass containers and comparable figures for 1940-42 and note in May 1946 Survey for changes in the reporting companies for other machine-made glassware. For revisions for farm price of cotton for August 1937-July 1942, see p. S-35 of June 1944 Survey.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | | 1948 | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|---------|--------|
| | June | July | August | September | October | November | December | January | February | March | April | May | June |
| TEXTILE PRODUCTS—Continued | | | | | | | | | | | | | |
| COTTON—Continued | | | | | | | | | | | | | |
| Cotton (exclusive of linters)—Continued | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | |
| Ginnings ¹.....thous. of running bales..... | | 194 | 647 | 3,899 | 8,362 | 10,056 | 10,596 | 11,373 | | 211,552 | | | |
| Crop estimate, equivalent 500-lb. bales..... | | | | | | | | | | 211,851 | | | |
| Stocks, domestic cotton in the United States, end of month: | | | | | | | | | | | | | |
| Warehouses.....thous. of bales..... | 1,168 | 856 | 781 | 2,528 | 5,032 | 5,297 | 5,418 | 5,063 | 4,427 | 3,637 | 2,823 | 2,199 | 1,642 |
| Mills.....do..... | 1,601 | 1,322 | 1,076 | 1,058 | 1,375 | 1,746 | 2,048 | 2,122 | 2,151 | 2,194 | 2,109 | 1,929 | 1,673 |
| Cotton linters: | | | | | | | | | | | | | |
| Consumption.....do..... | 70 | 82 | 81 | 91 | 103 | 99 | 102 | 102 | 98 | 104 | 97 | 99 | 95 |
| Production.....do..... | 23 | 23 | 32 | 105 | 203 | 188 | 175 | 166 | 129 | 104 | 66 | 47 | 36 |
| Stocks, end of month.....do..... | 383 | 345 | 289 | 296 | 364 | 420 | 476 | 511 | 516 | 520 | 500 | 459 | 403 |
| COTTON MANUFACTURES | | | | | | | | | | | | | |
| Cotton cloth: | | | | | | | | | | | | | |
| Cotton broad woven goods over 12 inches in width, production, quarterly*.....mil. of linear yards..... | 2,461 | | | 2,297 | | | 2,569 | | | 2,587 | | | |
| Cotton goods finished, quarterly*: | | | | | | | | | | | | | |
| Production, total.....do..... | 1,759 | | | 1,535 | | | 1,801 | | | 1,872 | | | |
| Bleached.....do..... | 914 | | | 799 | | | 934 | | | 964 | | | |
| Plain dyed.....do..... | 442 | | | 383 | | | 449 | | | 477 | | | |
| Printed.....do..... | 403 | | | 353 | | | 418 | | | 431 | | | |
| Exports\$.....thous. of sq. yd..... | 125,349 | 129,216 | 140,711 | 128,921 | 142,285 | 123,480 | 102,417 | 93,907 | 82,410 | 75,299 | 80,030 | 79,889 | |
| Imports\$.....do..... | 472 | 1,076 | 883 | 1,624 | 1,196 | 718 | 4,161 | 2,308 | 3,461 | 2,364 | 2,759 | 3,813 | |
| Prices, wholesale: | | | | | | | | | | | | | |
| Mill margins.....cents per lb..... | 46.46 | 49.49 | 53.96 | 57.91 | 58.60 | 59.43 | 60.29 | 59.63 | 58.33 | 52.98 | 46.30 | 43.22 | 40.84 |
| Denims, 28-inch.....dol. per yd..... | .338 | .338 | .338 | .338 | .338 | .338 | .338 | .338 | .338 | .338 | .338 | .338 | .338 |
| Print cloth, 64 x 60.....do..... | .228 | .242 | .251 | .255 | .268 | .277 | .283 | .261 | .239 | .208 | .205 | .198 | .183 |
| Sheeting, unbleached, 36-inch, 56 x 60.....do..... | .232 | .232 | .232 | .232 | .232 | .234 | .239 | .240 | .240 | .240 | .230 | .230 | .208 |
| Cotton yarn, Southern, price, wholesale, mill: | | | | | | | | | | | | | |
| 22/1, cones, carded, white.....dol. per lb..... | .706 | .700 | .706 | .706 | .708 | .720 | .725 | .765 | .804 | .804 | .804 | .804 | .796 |
| 40/1, twisted, carded.....do..... | .882 | .890 | .921 | .921 | .926 | .951 | .960 | 1.019 | 1.098 | 1.098 | 1.098 | 1.098 | 1.088 |
| Spindle activity:† | | | | | | | | | | | | | |
| Active spindles†.....thousands..... | 21,324 | 21,415 | 21,197 | 21,410 | 21,563 | 21,432 | 21,412 | 21,450 | 21,489 | 21,708 | 21,694 | 21,723 | 21,479 |
| Active spindle hours, total.....mil. of hr..... | 9,103 | 8,531 | 9,034 | 9,427 | 10,802 | 9,530 | 9,544 | 10,802 | 9,819 | 11,005 | 10,667 | 10,080 | 10,320 |
| Average per spindle in place.....hours..... | 382 | 358 | 379 | 396 | 452 | 400 | 402 | 454 | 444 | 492 | 475 | 450 | 461 |
| Operations†.....pct. of capacity..... | 118.8 | 107.0 | 119.4 | 121.0 | 127.0 | 134.8 | 121.3 | 139.0 | 137.6 | 133.6 | 136.1 | 134.0 | 130.9 |
| RAYON AND MANUFACTURES AND SILK | | | | | | | | | | | | | |
| Rayon yarn and staple fiber: | | | | | | | | | | | | | |
| Consumption: | | | | | | | | | | | | | |
| Filament yarn.....mil. of lb..... | 54.7 | 62.3 | 62.6 | 61.5 | 65.3 | 62.2 | 62.1 | 68.8 | 60.6 | 67.8 | 67.9 | 68.7 | 68.3 |
| Staple fiber.....do..... | 16.5 | 18.4 | 18.6 | 20.3 | 23.1 | 20.3 | 22.2 | 22.7 | 20.6 | 22.7 | 22.9 | 22.0 | 22.4 |
| Imports\$.....thous. of lb..... | 2,795 | 2,327 | 2,428 | 3,265 | 1,342 | 1,674 | 1,369 | 2,711 | 4,588 | 5,219 | 4,599 | 3,975 | |
| Prices, wholesale: | | | | | | | | | | | | | |
| Yarn, viscose, 150 denier, first quality, minimum filament.....dol. per lb..... | .670 | .670 | .670 | .670 | .670 | .670 | .726 | .740 | .740 | .740 | .740 | .740 | .740 |
| Staple fiber, viscose, 1½ denier.....do..... | .320 | .320 | .320 | .320 | .320 | .320 | .352 | .360 | .360 | .360 | .360 | .360 | .360 |
| Stocks, producers', end of month: | | | | | | | | | | | | | |
| Filament yarn.....mil. of lb..... | 8.8 | 9.2 | 8.4 | 8.6 | 9.5 | 9.3 | 7.7 | 8.6 | 8.8 | 9.4 | 8.7 | 9.5 | 9.5 |
| Staple fiber.....do..... | 6.6 | 7.7 | 6.4 | 6.4 | 5.7 | 5.3 | 4.0 | 4.7 | 4.8 | 4.8 | 3.8 | 4.0 | 4.2 |
| Rayon goods, production, quarterly*: | | | | | | | | | | | | | |
| Broad woven goods.....thous. of linear yards..... | 467,277 | | | 455,072 | | | 515,951 | | | 537,900 | | | |
| Finished, total.....do..... | 424,006 | | | 402,112 | | | 466,948 | | | 498,963 | | | |
| White finished.....do..... | 47,675 | | | 45,650 | | | 48,985 | | | 57,024 | | | |
| Plain dyed.....do..... | 289,638 | | | 291,146 | | | 321,738 | | | 345,595 | | | |
| Printed.....do..... | 86,693 | | | 65,316 | | | 96,225 | | | 96,344 | | | |
| Silk, raw: | | | | | | | | | | | | | |
| Imports\$.....thous. of lb..... | 3 | 479 | 193 | 175 | 294 | 124 | 379 | 128 | 397 | 829 | 417 | 470 | |
| Price, wholesale, Japan (N. Y.)\$.....dol. per lb..... | 4.150 | 4.009 | 4.025 | (3) | 4.400 | 4.400 | 4.400 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 |
| WOOL | | | | | | | | | | | | | |
| Consumption (scoured basis):‡ | | | | | | | | | | | | | |
| Apparel class.....thous. of lb..... | 37,864 | 38,840 | 38,008 | 37,988 | 49,210 | 37,652 | 43,830 | 41,700 | 42,900 | 51,680 | 42,632 | 41,600 | |
| Carpet class.....do..... | 13,192 | 12,685 | 14,056 | 13,708 | 17,850 | 14,008 | 16,175 | 15,948 | 15,524 | 20,265 | 17,024 | 17,888 | |
| Imports\$.....do..... | 57,566 | 48,942 | 35,974 | 41,511 | 51,412 | 48,388 | 36,234 | 110,302 | 79,981 | 86,749 | 62,324 | 48,688 | |
| Prices, wholesale: | | | | | | | | | | | | | |
| Raw, territory, 64s, 70s, 80s, scoured*.....dol. per lb..... | 1.225 | 1.225 | 1.220 | 1.220 | 1.227 | 1.255 | 1.255 | 1.255 | 1.255 | 1.255 | 1.296 | 1.310 | 1.446 |
| Raw, bright fleece, 56s, greasy*.....do..... | .565 | .565 | .565 | .565 | .554 | .510 | .510 | .510 | .510 | .510 | .510 | .510 | .550 |
| Australian, 64-70s, good topmaking, scoured, in bond (Boston)*.....dol. per lb..... | 1.002 | 1.040 | 1.040 | 1.108 | 1.165 | 1.254 | 1.240 | 1.240 | 1.370 | 1.292 | 1.399 | 1.652 | 1.820 |
| Stocks, scoured basis, end of month, total† | | | | | | | | | | | | | |
| Apparel, total†.....thous. of lb..... | 497,886 | | | 461,431 | | | 442,951 | | | 429,180 | | | |
| Domestic†.....do..... | 408,485 | | | 384,070 | | | 364,755 | | | 346,452 | | | |
| Foreign†.....do..... | 271,009 | | | 265,835 | | | 236,565 | | | 216,171 | | | |
| Carpet†.....do..... | 137,476 | | | 118,235 | | | 128,190 | | | 130,281 | | | |
| Woolen and worsted: | | | | | | | | | | | | | |
| File and Jacquard.....thous. of active hours..... | 78 | 61 | 72 | 70 | 68 | 83 | 79 | 92 | 103 | 100 | 98 | 93 | |
| Broad.....do..... | 2,242 | 1,864 | 2,171 | 2,223 | 2,282 | 2,324 | 2,256 | 2,565 | 2,572 | 2,495 | 2,497 | 2,511 | |
| Narrow.....do..... | 43 | 39 | 45 | 47 | 45 | 49 | 45 | 52 | 51 | 40 | 42 | 37 | |
| Carpet and rug: | | | | | | | | | | | | | |
| Broad.....do..... | 137 | 98 | 124 | 124 | 134 | 142 | 132 | 163 | 163 | 163 | 164 | 167 | |
| Narrow.....do..... | 122 | 92 | 110 | 112 | 129 | 129 | 119 | 146 | 146 | 144 | 141 | 141 | |
| Spinning spindles: | | | | | | | | | | | | | |
| Woolen.....do..... | 85,052 | 71,267 | 91,891 | 93,585 | 93,931 | 92,662 | 90,474 | 103,677 | 102,527 | 98,429 | 99,272 | 98,476 | |
| Worsted.....do..... | 115,568 | 88,899 | 109,789 | 118,720 | 122,410 | 121,971 | 117,489 | 132,418 | 132,666 | 129,269 | 125,437 | 124,760 | |
| Worsted combs.....do..... | 230 | 179 | 189 | 198 | 218 | 222 | 214 | 247 | 252 | 250 | 245 | 248 | |

* Revised. ¹ Total ginnings of 1946 crop. ² Total ginnings of 1947 crop. ³ Not available. †Number active on last day of month. ‡Total ginnings to end of month indicated.

§ Average for all cotton system spindles, including those consuming synthetics and blends not comparable with averages prior to February 1948 which are for cotton consuming spindles.

¶ Replaces series for 40/1, single, carded; see note 4 on p. S-39 of November 1947 Survey.

Ⓢ Price of yarn in cones beginning January 1947; prior to 1947 prices were quoted for yarn in skeins; see note in June 1948 Survey.

Ⓣ Cotton continue series published in the 1942 Supplement but suspended during the war period; data for October 1941 to February 1945 (July 1946 for silk) will be published later. Data for cotton cloth exports have been revised to include army civilian supply exports (see note marked "§" on p. S-20).

Ⓤ Data for July, October, and December 1947 and March 1948 are for 5 weeks; other months, 4 weeks. Data for wool consumption were revised beginning September 1946 in the November 1947 Survey to cover consumption only on woolen and worsted goods systems; data through March 1947 published in earlier issues include also consumption on silk, cotton and other systems.

Ⓡ Revised series. See note marked "†" on p. S-39 of September 1947 Survey for reference to 1941 data for the yarn price series and information regarding revisions in data for wool stocks. See note for cotton spindle activity at the bottom of p. S-34 in the May 1948 Survey with regard to revision in the series for spindle operations as a percent of capacity; and note at the bottom of p. S-34 in this issue regarding expansion of series in the September issue.

*New series. See notes marked "Ⓢ" on pp. S-38 and S-39 of the September 1947 Survey for reference to earliest data published for the indicated series.

| Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey | 1947 | | | | | | 1948 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---------|--------|--------|-----------|---------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 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. | 113,865 | | | 113,536 | | | 129,382 | | | | | 131,939 | |
| Apparel fabrics.....do. | 98,021 | | | 99,133 | | | 114,063 | | | | | 116,219 | |
| Men's and boys' wear.....do. | 50,161 | | | 44,908 | | | 51,331 | | | | | 54,981 | |
| Women's and children's wear.....do. | 35,440 | | | 41,054 | | | 48,020 | | | | | 49,295 | |
| All other.....do. | 10,206 | | | 10,049 | | | 9,053 | | | | | 8,620 | |
| Blankets.....do. | 7,560 | | | 6,482 | | | 6,845 | | | | | 5,496 | |
| Other nonapparel fabrics.....do. | 8,284 | | | 7,921 | | | 8,474 | | | | | 10,224 | |
| Wool yarn: | | | | | | | | | | | | | |
| Production, total.....thous. of lb. | 56,704 | 57,335 | 59,164 | 61,796 | 76,760 | 60,900 | 71,705 | 67,108 | 67,304 | 82,550 | | 65,568 | |
| Knitting.....do. | 5,764 | 5,760 | 6,316 | 7,052 | 9,235 | 7,024 | 8,785 | 8,084 | 7,940 | 9,610 | | 7,488 | 65,568 |
| Weaving.....do. | 37,824 | 39,210 | 39,704 | 41,244 | 49,580 | 39,732 | 47,460 | 43,760 | 43,872 | 53,730 | | 42,092 | 7,508 |
| Carpet and other.....do. | 13,116 | 12,365 | 13,144 | 13,500 | 17,945 | 14,144 | 15,460 | 15,264 | 15,492 | 19,210 | | 16,296 | 41,656 |
| Price, wholesale, worsted yarn, 2/32s (Boston) dol. per lb. | 1.950 | 1.950 | 1.950 | 2.000 | 2.020 | (^o) | (^{o}) | (^{o}) | (^{o}) | (^{o}) | (^{o}) | (^{o}) | (^{o}) |
| MISCELLANEOUS PRODUCTS | | | | | | | | | | | | | |
| Fur, sales by dealers.....thous. of dol. | 3,708 | 4,000 | 4,337 | 3,678 | 3,804 | | | | | | | | |
| Pyroxylin-coated fabrics:⊙ | | | | | | | | | | | | | |
| Orders, unfilled, end of month.....thous. lin. yd. | 7,778 | 7,553 | 7,724 | 7,984 | 7,026 | 7,122 | 6,816 | 6,656 | 5,733 | 5,228 | 4,408 | 4,631 | |
| Pyroxylin spread.....thous. of lb. | 4,520 | 4,043 | 4,994 | 4,310 | 4,699 | 4,543 | 5,385 | 4,936 | 4,953 | 4,328 | 3,614 | 3,040 | |
| Shipments, billed.....thous. lin. yd. | 6,034 | 4,561 | 5,409 | 4,975 | 5,565 | 5,138 | 5,538 | 6,186 | 6,462 | 5,687 | 4,772 | 4,021 | |

TRANSPORTATION EQUIPMENT

| | June | July | August | September | October | November | December | January | February | March | April | May | June |
|-------------------------------------------------------------|---------|---------|---------|-----------|---------|----------|----------|---------|----------|---------|---------|---------|---------|
| AIRCRAFT | | | | | | | | | | | | | |
| Exports, total.....number | 268 | 222 | 156 | 184 | 183 | 218 | 240 | 116 | 187 | 165 | 229 | 257 | |
| Shipments, total*.....do. | 1,332 | 1,102 | 1,140 | 1,351 | 1,041 | 867 | 790 | 607 | 622 | 863 | 931 | 953 | |
| For U. S. military customers*.....do. | 139 | 104 | 211 | 323 | 239 | 252 | 288 | 136 | 155 | 278 | 165 | 141 | |
| For other customers*.....do. | 1,193 | 998 | 929 | 1,028 | 802 | 615 | 502 | 471 | 467 | 585 | 766 | 812 | |
| MOTOR VEHICLES | | | | | | | | | | | | | |
| Exports, assembled, total.....number | 44,461 | 40,652 | 50,273 | 42,157 | 47,599 | 39,522 | 39,007 | 33,643 | 30,366 | 40,071 | 44,854 | 34,180 | |
| Passenger cars.....do. | 22,591 | 24,068 | 24,317 | 21,839 | 22,345 | 20,480 | 21,362 | 19,458 | 16,422 | 20,493 | 22,570 | 16,477 | |
| Trucks.....do. | 21,870 | 16,584 | 25,956 | 20,318 | 25,254 | 19,087 | 17,645 | 14,185 | 13,944 | 19,578 | 22,284 | 17,703 | |
| Factory sales, total.....do. | 400,372 | 379,192 | 349,409 | 420,269 | 436,001 | 394,175 | 469,957 | 405,651 | 382,991 | 492,013 | 458,082 | 338,531 | 431,033 |
| Coaches, total.....do. | 1,628 | 1,806 | 1,765 | 1,607 | 1,667 | 1,416 | 1,449 | 1,370 | 1,090 | 1,409 | 1,048 | 1,281 | 1,055 |
| Domestic.....do. | 1,409 | 1,694 | 1,670 | 1,412 | 1,527 | 1,141 | 1,087 | 1,068 | 732 | 1,202 | 902 | 1,161 | 879 |
| Passenger cars, total.....do. | 307,124 | 279,631 | 261,158 | 307,942 | 315,969 | 305,148 | 366,939 | 305,081 | 274,847 | 349,998 | 308,071 | 225,461 | 312,406 |
| Domestic.....do. | 284,576 | 257,851 | 240,358 | 285,590 | 295,099 | 284,730 | 344,110 | 285,373 | 256,753 | 327,198 | 288,356 | 209,591 | 293,582 |
| Trucks, total.....do. | 91,620 | 97,755 | 86,486 | 110,720 | 118,365 | 87,611 | 101,569 | 99,200 | 107,054 | 140,606 | 128,963 | 111,789 | 117,572 |
| Domestic.....do. | 73,613 | 78,444 | 66,382 | 89,724 | 94,307 | 71,161 | 85,971 | 83,893 | 88,889 | 118,572 | 111,911 | 96,909 | 101,755 |
| Truck trailers, production, total*.....do. | 3,544 | 2,984 | 3,110 | 3,158 | 3,962 | 3,241 | 3,287 | * 3,373 | * 3,454 | * 4,137 | 4,116 | * 3,688 | 4,047 |
| Complete trailers.....do. | 3,306 | 2,820 | 2,894 | 2,944 | 3,451 | 2,988 | 3,121 | * 3,196 | * 3,239 | * 3,575 | 3,898 | * 3,541 | 3,901 |
| Vans.....do. | 1,437 | 1,354 | 1,226 | 1,209 | 1,587 | 1,406 | 1,530 | 1,548 | 1,688 | 2,094 | 2,081 | * 1,876 | 2,144 |
| All other.....do. | 1,869 | 1,466 | 1,668 | 1,675 | 1,864 | 1,582 | 1,591 | * 1,648 | * 1,551 | * 1,784 | 1,817 | * 1,665 | 1,757 |
| Chassis shipped as such.....do. | 238 | 174 | 216 | 214 | 511 | 253 | 166 | * 177 | * 215 | * 259 | 218 | 147 | 146 |
| Registrations:§ | | | | | | | | | | | | | |
| New passenger cars.....do. | 269,863 | 263,167 | 264,866 | 251,655 | 281,428 | 258,934 | 312,263 | 274,978 | 249,781 | 311,650 | 330,555 | 225,461 | |
| New commercial cars.....do. | 65,458 | 71,647 | 75,912 | 69,899 | 87,167 | 73,737 | 67,690 | 69,486 | 74,326 | 94,806 | 108,168 | 111,789 | |
| RAILWAY EQUIPMENT | | | | | | | | | | | | | |
| American Railway Car Institute: | | | | | | | | | | | | | |
| Shipments: | | | | | | | | | | | | | |
| Freight cars, total.....number | 5,243 | 5,366 | 4,410 | 5,749 | 6,401 | 6,964 | 7,914 | 6,866 | 6,345 | 6,959 | 7,041 | 7,171 | 7,826 |
| Domestic.....do. | 4,230 | 4,846 | 4,846 | 5,668 | 6,242 | 6,889 | 7,661 | 6,561 | 6,306 | 6,940 | 6,726 | 6,651 | 7,731 |
| Passenger cars, total.....do. | 67 | 53 | 20 | 29 | 74 | 69 | 71 | 57 | 54 | 74 | 107 | 64 | 46 |
| Domestic.....do. | 63 | 48 | 20 | 29 | 74 | 55 | 71 | 57 | 54 | 74 | 67 | 60 | 46 |
| Association of American Railroads: | | | | | | | | | | | | | |
| Freight cars, end of month: | | | | | | | | | | | | | |
| Number owned.....thousands | 1,734 | 1,732 | 1,730 | 1,730 | 1,725 | 1,728 | 1,731 | 1,735 | 1,738 | 1,740 | 1,743 | 1,744 | 1,747 |
| Undergoing or awaiting classified repairs.....thousands | 77 | 81 | 81 | 78 | 72 | 73 | 72 | 76 | 79 | 80 | 83 | 86 | 84 |
| Percent of total on line.....do. | 4.7 | 4.9 | 4.9 | 4.7 | 4.3 | 4.4 | 4.3 | 4.5 | 4.7 | 4.8 | 4.9 | 5.1 | 5.0 |
| Orders, unfilled.....cars | 93,169 | 94,232 | 97,392 | 97,645 | 103,086 | 104,788 | 99,216 | 101,662 | 103,061 | 105,120 | 109,567 | 103,786 | 103,565 |
| Equipment manufacturers.....do. | 68,675 | 70,573 | 71,826 | 73,416 | 76,713 | 78,857 | 74,635 | 74,008 | 75,482 | 80,772 | 86,947 | 81,067 | 79,866 |
| Railroad shops.....do. | 24,484 | 23,654 | 25,566 | 24,229 | 26,373 | 25,931 | 24,581 | 27,654 | 27,579 | 24,348 | 22,620 | 22,719 | 23,699 |
| Locomotives, end of month: | | | | | | | | | | | | | |
| Steam, undergoing or awaiting classified repairs.....number | 2,735 | 2,778 | 2,709 | 2,706 | 2,646 | 2,612 | 2,483 | 2,581 | 2,702 | 2,873 | 2,879 | 2,887 | 2,803 |
| Percent of total on line.....do. | 7.6 | 7.8 | 7.6 | 7.6 | 7.5 | 7.5 | 7.1 | 7.4 | 7.8 | 8.3 | 8.4 | 8.5 | 8.3 |
| Orders unfilled: | | | | | | | | | | | | | |
| Steam locomotives, total.....number | 24 | 29 | 40 | 46 | 45 | 33 | 30 | 96 | 108 | 119 | 117 | 111 | 123 |
| Equipment manufacturers.....do. | 24 | 29 | 40 | 36 | 35 | 23 | 20 | 76 | 89 | 89 | 89 | 86 | 101 |
| Railroad shops.....do. | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 20 | 19 | 30 | 28 | 25 | 22 |
| Other locomotives, total*.....do. | 770 | 786 | 811 | 795 | 922 | 1,147 | 1,196 | 1,417 | 1,488 | 1,431 | 1,455 | 1,455 | 1,572 |
| Equipment manufacturers*.....do. | 770 | 785 | 810 | 794 | 921 | 1,146 | 1,195 | 1,416 | 1,487 | 1,431 | 1,454 | 1,455 | 1,572 |
| Railroad shops*.....do. | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Exports of locomotives, total.....do. | 106 | 133 | 98 | 62 | 78 | 110 | 87 | 150 | 71 | 153 | 133 | 135 | |
| Steam.....do. | 19 | 57 | 9 | 17 | 18 | 36 | 20 | 67 | 12 | 30 | 28 | 33 | |
| Other.....do. | 87 | 76 | 89 | 45 | 60 | 74 | 67 | 83 | 59 | 123 | 105 | 97 | |
| INDUSTRIAL ELECTRIC TRUCKS AND TRACTORS | | | | | | | | | | | | | |
| Shipments, total.....number | 321 | 305 | 365 | 352 | 375 | 337 | 394 | 316 | 358 | 338 | 337 | 331 | 292 |
| Domestic.....do. | 288 | 271 | 339 | 282 | 303 | 273 | 317 | 270 | 258 | 288 | 318 | 286 | 243 |
| Exports.....do. | 33 | 34 | 26 | 90 | 72 | 64 | 77 | 46 | 100 | 50 | 19 | 45 | 49 |

* Revised. ⊙ Data not available.

†The total includes fabrics produced for Government orders not included in the detail as follows (thousands of yards): 1947: 2d quarter, 2,214; 3d quarter, 3,122; 4th quarter, 5,659; 1st quarter 1948, 3,323; prior to 1947 Government orders were distributed to the proper classifications. Beginning the last quarter of 1947 the unclassified item consists entirely of fabrics containing 25 percent or more wool reported by cotton and rayon weavers; for the second and third quarters of 1947 this item includes also some fabrics produced by woolen and worsted manufacturers which were reported as "all other apparel fabrics." See note in the June 1948 Survey regarding an earlier change in the classifications.

‡Data for July, October, and December 1947, and March 1948, are for 5 weeks; other months, 4 weeks. ⊙ See note in April 1946 Survey with regard to changes in these series.
 §Data continue series published in the 1942 Supplement but suspended during the war period. For 1940-45 data for factory sales of motor vehicles see p. 24 of June 1947 Survey. Data for October 1941-February 1945 for the foreign trade series will be published later. See note on p. S-40 of August 1947 Survey regarding unpublished revisions for registrations.
 ¶New series. For available data for 1937-43 for woolen and worsted goods production, see p. 19 of May 1945 Survey. See note on p. S-39 of July 1947 Survey for source of data on wool yarn production and explanation of a revision in the data in that issue, and p. S-40 of the April 1947 Survey for source and earliest data published for truck trailers. Data beginning January 1946 for aircraft shipments are available on request. See May 1946 Survey for description and data beginning March 1945 for unfilled orders of "other locomotives."
 † Revised series. Export series for total and "other" locomotives were revised in the May 1946 Survey (see note in that issue).

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