

**AUGUST 1946**

**SURVEY OF**

**CURRENT  
BUSINESS**



**UNITED STATES DEPARTMENT OF COMMERCE**

**BUREAU OF FOREIGN AND DOMESTIC COMMERCE**

# Survey of

# CURRENT BUSINESS

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# THE BUSINESS SITUATION

By the Office of Business Economics

**A**S THE ECONOMY winds up its first postwar year, output is increasing in practically all lines where capacity permits, and civilian employment, though already at a peacetime high, is still gaining. In general, economic activity is currently being limited more by difficulties inherent in the task of organizing industry for larger peacetime output than by actual and prospective demand.

Accompanying the advances in production and employment have been further increases in the volume of income payments to individuals. It is expected that the July estimate of income payments will show a sizable gain over the June figure, which was fractionally below the total for the preceding month because of reductions in farm income and military pay and because of the reduced importance of retroactive wage increases. Total income payments after seasonal adjustment were equivalent to an annual rate of 161 billion dollars in June, as compared with the wartime peak rate of 165 billion dollars in February 1945.

## Consumer and Business Buying Heavy

Sales at retail are continuing in heavy volume. Department store sales, after adjustment for seasonal factors, appear to be holding close to the record scored in June. Total retail sales in June showed somewhat less strength than sales at department stores because of a decline in apparel store sales from the high volume in the first quarter of the year, and because of the failure of some other classes of stores—food stores, eating and drinking establishments, and filling stations—to exceed earlier volume. Nevertheless, total retail dollar volume in June was one-fourth higher than a year ago.

The strength of retail buying continues to be bolstered by heavy demands of businesses for inventories—which have been low relative to sales volume for several years—and for plant and equipment. Both types of business outlays have become increasingly important since the end of the war.

## The Month in Review

Economic activity in July reflected further recovery after the retardation resulting from industrial disputes, and developments connected with the 25-day lapse of price controls. Industrial production, with due allowance for seasonal factors, moved higher, the increase being paced by automobiles and steel. Judging by the preliminary evidence currently available, employment rose along with production.

A clear picture is not yet available of the trend of distribution during the month, as affected by the changes on the price front. Consumer buying at department stores appears to have followed the usual seasonal pattern. On the other hand, dollar sales of food stores undoubtedly rose because of sharp price advances and larger supplies.

Railroad freight traffic, after the holiday week, followed a rising weekly trend with all classes except less-than-carload-lot freight participating. The larger movement of grains was seasonal, but the increased flow of livestock was in response to the lapse of price controls.

Coincident with the increase in commodity prices while controls were off and the rise in industrial output, stock prices declined. Bond prices also declined somewhat, chiefly in response to indications of slightly higher short-term interest rates.

The recent price developments, which seem to assure higher prices in the period immediately ahead, are likely to spur the already large inventory demands of business, but the effect on consumer buying is more uncertain. Consumer resistance to higher food prices was somewhat in evidence in the weeks

immediately following the lapse of OPA controls. There is no telling when further price advances will have the effect of hastening the day when demand rather than productive capacity will again assume the governing role in the economy.

## Interim Without Price Controls

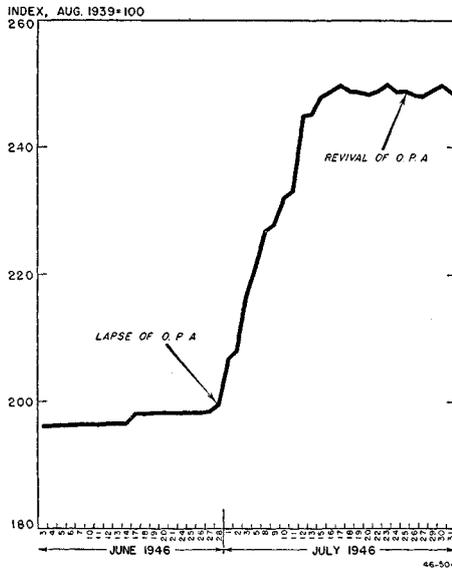
There were substantial price increases following the temporary lifting of price controls after June 30. The wholesale price index, which covers the prices of almost 900 commodities, rose 10 percent during the 4 weeks of July and the average increase in prices paid by consumers was 5½ percent, on the basis of preliminary reports for July 15. In each case, the rise in the index partly reflected the elimination of subsidy payments.

The response of basic commodity prices to the lapse of OPA controls at the end of June is indicated in chart 1, which shows the Bureau of Labor Statistics daily index of spot market prices of 28 commodities (including 12 foodstuffs and 16 raw industrial materials) for June and July. This index is a more sensitive barometer of changes in market conditions than the broader wholesale price index, since the latter includes many fabricated and semi-fabricated goods whose prices generally fluctuate less frequently and within narrower margins than the prices of raw materials and foodstuffs. It appears that most manufacturers observed former ceiling prices during the interim of ceiling-free trading.

## Rise Sharper Than After World War I

The index of 28 basic commodities reached a peak of 250 (August 1939=100) on July 23 and remained very close to that level during the balance of the month. This compares with 199 at the time OPA controls lapsed and with 184 last August. The latest spurt raised the index more than one-third above the VJ-day level. During the first post-World War I year, the index rose by only one-fourth.

The removal of subsidy payments was only a minor factor in the July rise in

**Chart 1.—Spot Market Prices of 28 Basic Commodities<sup>1</sup>**

<sup>1</sup>Market quotations for days omitted are not available.

Source of data: U. S. Department of Labor.

the index. In the President's message accompanying his signature of the new price control law on July 25, it is estimated that subsidies accounted for only about 4 points in the basic commodity index.

A subsequent section of this review analyzes the behavior of wholesale prices following the lapse of OPA controls.

The absence of any extensive price decline in the latter part of July, despite the revival of OPA controls, reflects the fact that the prices of most commodities that advanced rapidly while the price lid was off were not brought immediately under control by the new law. Whether the commodities that were decontrolled will be restored to price control either at the old ceilings or above depends upon the action of the newly created Price Decontrol Board. (Provisions of the new law are reviewed in a later section.)

#### Record Livestock Receipts

The meat packing industry was one of the few industries to feel effects of the removal of price controls almost immediately. (See chart 2.) The somewhat reduced volume of livestock slaughtered at federally inspected plants during the first 5 months of this year as compared with 1945 was largely a reflection of increased diversion of animals to noninspected slaughterers. The extremely low volume in June, however, was due to sharply reduced receipts at livestock markets as producers awaited the outcome of the price control legis-

lation. As soon as ceilings were lifted, sellers rushed shipments to the market and activity at meat packing plants rose to record volume for that season of the year. At the end of the month hogs were selling at approximately \$22 per hundred-weight at Chicago, as compared with the former ceiling of \$14.85, and the price of steers had risen from \$17 to \$20 per hundredweight. The increased prices were quickly reflected in wholesale and retail markets. There is evidence that the initial high prices met with some consumer resistance and that this factor, plus the heavy volume of meat production, may have resulted in some price reductions at wholesale and retail outlets by the end of the month. These reductions, however, were not carried back to primary markets.

A sobering fact for the consumer is that livestock slaughter cannot be sustained at the July rate for very long. Marketings were bunched in July because of the hold-back in June and because of the rush of producers to sell while prices remain uncontrolled. It was particularly true in the case of hogs, where the supply of matured animals is rather limited, that part of the July volume was at the expense of reduced marketings in later months.

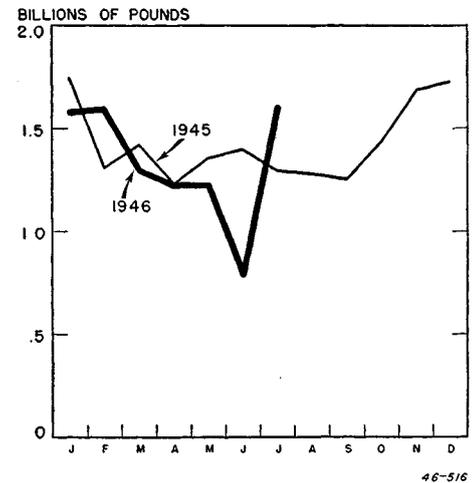
#### Scrap Steel Receipts Dry Up

Lifting of price ceilings had an altogether different effect in the steel industry where offers of scrap steel at a higher price were generally resisted during July. The net result was a drying up of scrap receipts, which normally account for about two-fifths of the raw materials entering into new steel. Ordinarily, at this season of the year the industry would be stockpiling scrap for the months to come.

With OPA controls revived, scrap receipts are expected to rise. In order to minimize the effect of the scrap shortage on current operations, the Civilian Production Administration has taken emergency steps to speed the flow of scrap from shipyards and other sources to the mills.

#### New Allocation Plan for Pig Iron

Output of steel ingots in July bettered the postwar peak of 6.5 million tons registered in March. However, failure of the weekly operating rate to exceed 90 percent of rated capacity has spurred action to bring additional plants into operation. In most cases, the facilities which have remained shut down are Government-owned plants whose finishing capacity is not readily adaptable to rolling the steel shapes in greatest demand at present.

**Chart 2.—Meat Production<sup>1</sup>**

<sup>1</sup>Represents dressed carcass weight (including carcass fat rendered into lard) of livestock slaughtered under Federal inspection. Figure for July 1946 is a preliminary estimate for the month, based upon weekly data through July 27, 1946.

Source of data: U. S. Department of Agriculture, except estimates for July 1946.

A partial allocation plan for merchant pig iron is being put into operation as a complementary plan to the "voluntary certification" scheme for steel initiated on July 1. The new plan is designed to assure an adequate supply of pig iron for foundries producing gray and malleable castings needed for the production of specified types of farm machinery and building materials. Some new building materials have been added to the original list of critical items to be given preference for production and delivery.

#### Freight Movement Picks Up

The heavy volume of rail-freight movement in June and July testifies to the stepped-up rate of industrial output and to the increased movement of agricultural commodities. The seasonally adjusted index of total freight carloadings rose to a postwar high in July and was about the same as a year ago, just prior to the end of the war. (See chart 3.) Shipments of grain and grain products, coal, and perishables have been at near record amounts in recent weeks.

Miscellaneous carloadings— which largely reflect the movement of manufactured goods—have also increased but are still below last year.

#### Length of Haul Reduced

Due to the disappearance of some long-haul freight movement which was important during the war, the index of railroad ton-miles has not held up as well as the carloadings index. On the basis of figures for April, the reduction

in the average length of haul was more than 10 percent. In contrast, the average number of tons per carload has not changed much since the end of the war, with the exception of the period when the coal strike was in effect.

The preliminary index of railroad ton-miles for July is 14 percent below a year ago, even though the carloadings index was about the same in the two periods. In June, the decline from a year ago was approximately 20 percent.

A much different picture is shown in the lower right panel of chart 3 which illustrates the index of ton-miles for non-rail commodity movement. The fact that this index is higher than in the comparable period of 1945 reflects the increase in waterborne traffic. Truck movement fell off after the end of the war, but the decline was less than the drop in railroad ton-miles. Truck transportation in recent months has been almost as heavy as last year's volume.

The ton-mile index for all commodity movement combined—rail, truck, waterborne, air, and pipe line—is estimated for June at about 13 percent below the index for June 1945. The year-to-year comparison for July should show a smaller decline.

**Freight Car Supply Tight**

The rising demand for freight cars has resulted in a tight car supply situation, even though the seasonal peak in freight movement is still a few months away. The supply is particularly tight for box, stock, hopper, and refrigerator cars. To speed up the return of empty cars, an increase in demurrage charges was recently put into effect.

There were about 35,000 fewer serviceable cars available on July 1, 1946, than on the same date last year. This decline reflects an increase in the number of bad-order cars and a reduction in the total number of cars owned.

Because of the large crops anticipated this year, the Interstate Commerce Commission has requested the railroads to give grain-producing areas first call on the supply of good grade box cars. The demand for coal cars has been unusually heavy due to the need for replacing the coal stocks drawn down during April and May. Similarly, refrigerator cars have been in great demand because of the large volume of perishable commodities being shipped.

**Fractional Drop in June Payments**

Total income payments to individuals declined fractionally between May and June, after adjustment for seasonal factors. Although wage and salary payments increased, agricultural income

was lower and there was continued contraction of military payments. Retroactive wage increases paid to railroad employees, an important factor in the sharp rise in May income payments, were of little importance during June.

As shown in chart 4, total income payments in May and June were within 3 percent of the peak wartime rates during the first half of 1945. On the other hand, the total, exclusive of pay to the armed forces, has been appreciably higher since March 1946 than during the war period. The dynamic factors in the behavior of income payments since the end of the war were reviewed in last month's SURVEY.

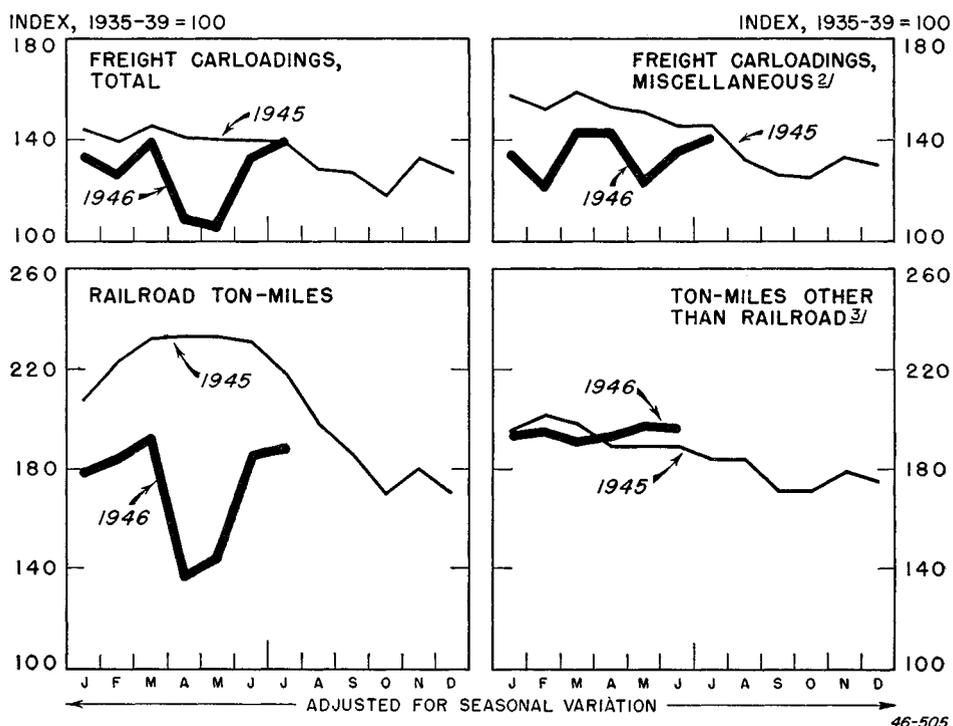
An important factor contributing to the increase this year has been the series of boosts in basic wage rates over major sectors of industry. Despite intra-industry downgrading and shifts from higher- to lower-paying industries, average straight-time hourly earnings in manufacturing in May of this year were 8 percent above July 1945. Hence, the 10-percent reduction in hours of work in manufacturing industries resulted in only about a 7-percent decline in average weekly earnings.

**Manufacturers' Shipments at 1942 Rate**

The dollar value of manufacturers' shipments during the first half of 1946 are estimated, on the basis of reports to the Department's Industry Survey, at more than 56 billion dollars, a rate about equal to that of 1942 and 8 percent below the last half of 1945. Inventories have increased by 850 million dollars from the year-end—with over 300 million dollars added to the value of shipping stocks. For most of the period, also, the value of new orders has exceeded shipments. There is undoubtedly some duplication of orders in the total but, on the other hand, many companies have refused to book advance orders in the past few months because of production and price difficulties.

Shipments of durable goods industries have been climbing steadily upward since February of this year. In contrast, shipments of nondurable goods industries were unchanged between April and May and were down slightly in June. (See chart 5.) A year-to-year comparison shows shipments of durable goods industries two-fifths below the amount in June 1945, while shipments

**Chart 3.—Commodity Transportation: Freight Carloadings and Ton-miles<sup>1</sup>**



<sup>1</sup> All data for July 1946 and also ton-miles for June 1946 are preliminary estimates.  
<sup>2</sup> "Miscellaneous" freight carloadings represent total carloadings less coal, coke, forest products, grains and grain products, livestock, merchandise in less than carload lots, and ore.  
<sup>3</sup> Includes the following types of commodity transportation: intercity motor truck for hire; air; oil and gas pipe lines; and domestic waterborne.

Sources of data: Freight carloadings except July 1946, Board of Governors of the Federal Reserve System; all other data, U. S. Department of Commerce.

of nondurable goods industries were practically unchanged between the two periods.

In the face of the uncertainties concerning price controls after June 30, the total value of shipments by manufacturers—at 9.7 billion dollars in June—increased slightly from the May figure, after adjustment for the number of working days, and the over-all inventory increase was not large. Total inventories of manufacturers at the end of June were 17.2 billion dollars, an increase of just over 200 million dollars for the month.

#### Manufacturers' Inventories Rise Slowly

The value of inventories in nondurable goods industries was over one-tenth higher at the end of June than in mid-1945. Practically all of this gain occurred during the second half of last year, as there have been only minor changes during 1946.

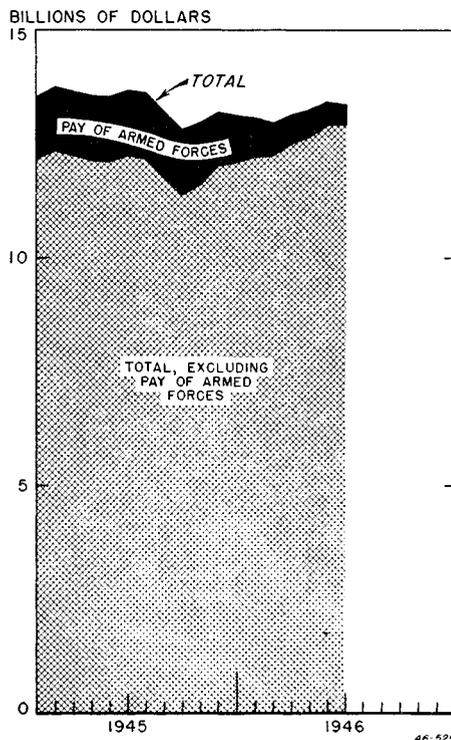
Inventories in durable goods industries have not quite recovered the level of last June, since the liquidation of materials and supplies which had been procured for war production exceeded the accumulation of civilian-type stocks over this period. The net inventory reduction incident to contract termination is estimated at close to 5 billion dollars. The bulk of this liquidation was in the durable goods industries and occurred in the latter part of 1945. Inventories in durable goods industries have been increasing slowly but steadily this year.

#### Divergence in May-June Changes

There was considerable divergence in the pattern of the May-to-June changes in inventories and shipments as between industries. This arises out of the fact that there were two separate forces shaping the trend of manufacturing activity. In the durable industries as a group, the renewal of steel production and shipments and the settlement of several important strikes resulted in gains in both shipments and inventories. While price uncertainties were less important than in the nondurable industries, every major durable group added to stocks. In the nondurable category, however, shipments declined and aggregate inventories were slightly under those of the previous month end.

The largest increases in shipments came in the machinery industry, including electrical, and in the nonferrous metal group, where a combined rise of over 10 percent for the one month was experienced. The improvement occurred predominantly in the electrical equipment companies and in the copper refineries where the ending of major

Chart 4.—Income Payments to Individuals, Seasonally Adjusted



Source of data: U. S. Department of Commerce.

strikes buoyed activity, particularly in the output of consumer durable lines.

Shipments in the iron and steel industry also made a small increase, although not nearly so much as might be suggested by the sharp rise in steel ingot output because of the necessary lag between output of ingots and shipments of finished steel products. However, the marked rise in the value of product of all three above-mentioned industries is further reflected in the additions to inventories. Two-thirds of the aggregate increase in durable inventories occurred in these three fields.

#### Effects of Price Uncertainties

The month's price uncertainties were reflected most directly in the lumber and other building material industries and furniture products. Shipments of this group declined 3.5 percent in spite of higher output and employment and in the face of an insistent and large demand. As a consequence of lower shipments, inventories increased. The resulting rise was not so large in dollar terms since book figures for stocks cover only actual costs and not the selling expenses and gross margins included in delivery prices.

The value of shipments by the transportation equipment group, including automobiles, also declined, with the de-

crease being confined largely to aircraft companies. Deliveries of new automobiles were down in line with lower finished assemblies. The rise in employment and production, other than in aircraft, shows up in the higher inventory figures, and indicates, for the most part, a converting of raw materials into semi-finished products and goods-in-process inventories which results in a larger dollar value for total inventories. Shipping stocks were virtually unchanged over the month.

#### Gains in Finished Goods Inventories

In the nondurable industries the price situation was undoubtedly a factor in the drop in aggregate shipments which coincided with a rise in finished goods inventories. The decline in total inventories was accounted for entirely by the food and tobacco group and came from a decrease of stocks of raw materials and goods in process. This reflected the price control debates as they related to the future prices of farm products and foods. Thus, through June 30, farmers and other marketers of primary products held goods off the market, as was typified by the widely publicized pictures of empty stock pens and meat markets before the lapse of OPA and record runs to markets immediately after July 1. That the marketing delays were not entirely in the primary market, however, is suggested by the rise in finished-goods inventories of food and tobacco products.

In the textile, apparel, and leather industries, the value of shipments by manufacturers declined by 6 percent from May to June despite an increase in employment, which in the case of apparel trades was contra-seasonal. Against this drop in deliveries was a 3-percent rise in total inventories for the group. Larger stocks of finished products contributed about half the total increase.

The chemical industry, including drugs, soaps, and cosmetics, as well as industrial chemicals, was another instance of declining shipments, although the amount was not significantly large and there were net additions to stocks.

The heavy seasonal demand for petroleum products brought an increase in both shipments and inventories of this industry. In paper and paper products there was a slight rise in shipments, although here, too, additions were made to total stocks. In neither case, however, was the addition large.

#### New Orders Exceed Shipments

The index of new orders showed a slight rise from May to June. The increase was confined to the durable category, led by the machinery and nonfer-

rous metal industries. New orders for nondurable goods were at about the May level although a marked increase was made in the textile industry. On the whole, except in those industries where advance orders have not been accepted, commitments in June were in excess of shipments even where some drop from May was experienced.

**Billion Dollar Construction Rate**

Continuing the trend which began early in 1945, the monthly value of construction put in place increased again in July to a total of almost one billion dollars. The July figure of 992 million dollars compares with 916 million dollars in the previous month and is twice as large as the value reported in July 1945.

The monthly rate of increase in construction activity has slackened in comparison with the very rapid gains made earlier in the year. This is most marked in the private segment. The increase of approximately 7 percent in private construction activity between June and July was only one-half the percentage gain recorded for public construction, although the dollar magnitude of the increase in the former was twice as great.

**Almost 1/2 Million Residential Starts**

The Housing Expediter has released figures showing that residential starts through June 30 numbered 495,000, of which 319,000 are conventional units and 150,000 are conversions and temporary accommodations. About 225,000 units were completed in the half-year period. The greatest contribution to the new housing supply was made by private builders erecting conventional units at the site. Factory fabricated units accounted for only a very small part of the total.

The delays in achieving production of prefabricated houses have necessitated a reshuffling of housing goals. While the total number of units to be started this year remains unchanged, the part played by conventionally built units and by other types has been increased to make up for the slow performance of prefabricated construction. The following table shows the number of dwelling units of different types scheduled for 1946 under the new and original programs:

	New program	Original program
Conventional.....	738,000	650,000
Conversions.....	87,000	50,000
Temporary re-use.....	225,000	200,000
Trailers.....	50,000	50,000
Prefabricated.....	100,000	250,000
Total.....	1,200,000	1,200,000

Emphasizing the need for low-priced rental accommodations, the NHA in June issued new instructions to its regional offices regarding the processing of priorities applications for new home building after July 1. Under the new rule the monthly authorization quotas which are assigned to each office will be met by granting first preference to rental housing priced at or below the local "dividing lines" (which are based on the cost of a 2-bedroom house meeting minimum construction standards). Successively lower orders of preference will be granted to housing for sale priced below the "dividing line" and to rental and sales housing priced above the line.

Since authorizations to the top preference classes may be increased by cutting the number of authorizations to lower classes when the number of applications for low-cost dwelling units warrants, the chances of getting a larger number of authorizations for low-priced units (with rental units preferred) are considerably enhanced.

**British Loan Approved**

A significant recent event in international economic relations was the final approval of the loan agreement with the United Kingdom providing a line of credit of 3,750 million dollars. The loan itself will be of immediate help to Great Britain in her effort to rebuild and modernize her economy and will contribute toward the long-run goal of a more liberal world-trade policy.

From the effective date of the loan, sterling accounts of United States residents accruing from current operations become freely convertible into dollars, and within a year all sterling arising from current transactions is to be made freely convertible into any other currency. In addition, Great Britain is to begin negotiations to settle the large blocked sterling accounts which have accumulated in London during the war. The loan agreement also provides that neither the United States nor Britain shall discriminate against each other's products, subject to certain exceptions, chief of which is the eventuality that the dollar is declared a scarce currency by the International Monetary Fund.

**Spur to International Economic Programs**

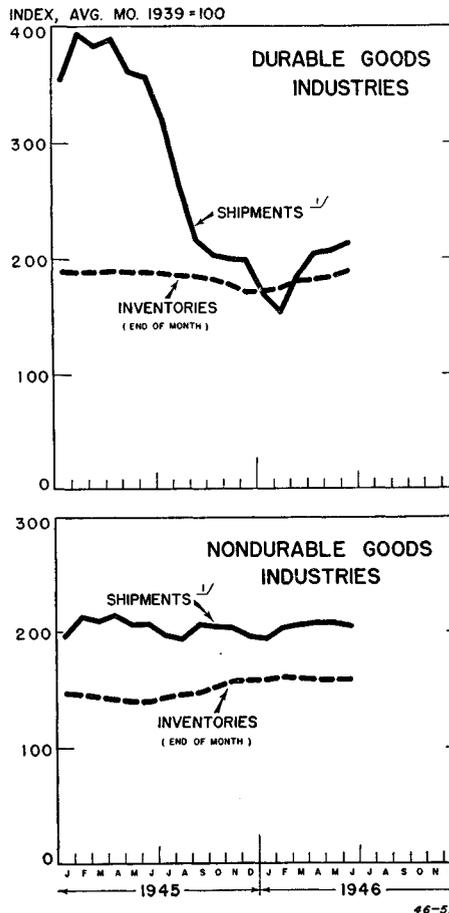
Aside from the provisions of the loan which directly eliminate discriminatory trade restrictions, the approval of the loan touches off a series of important international developments pointing toward freer multi-lateral trade. Thus, the Bretton Woods institutions had been organized and had called for original subscriptions but delayed actual functioning until the participation of Britain could be assured, which, in turn, depended upon the loan approval. Similarly, the "Proposals for Expansion of World Trade and Employment" published by the United States Government and agreed to in principle by the United Kingdom can now be considered by the Preparatory Committee of the Economic and Social Council at the meeting scheduled in October as a preparation for a conference to be held in the spring of 1947.

At the proposed meeting in the spring of 1947, actual negotiations for trade barrier reductions will be undertaken. The United States will not issue any formal announcement of its intention to negotiate under the Trade Agreements Act until after the October meeting of the Preparatory Committee.

**U. K. Balance of Payments Improved**

The line of credit by the U. S. has been supplemented by a similar credit of 1,250 million dollars granted to the United Kingdom by Canada. The deficit in the

**Chart 5.—Manufacturers' Shipments and Inventories**



<sup>1</sup> Adjusted to a 25-working-day month. Source of data: U. S. Department of Commerce.

British balance of payments was estimated in the fall of 1945, when the American loan agreement was negotiated, to be about 3 billion dollars in 1946 and another 2 billion dollars over the several years that Great Britain would be building up her export trade sufficiently to pay for all import needs.

By restricting domestic consumption through limited imports and by reserving a large percentage of domestic production for export, Great Britain has been able to reduce her import surplus from an annual rate of 1,690 million dollars in the last quarter of 1945 to 1,310 million in the first quarter of 1946 and to 1,240 million dollars in April and May 1946, which is considerably less than the originally estimated deficit. Because of the income on foreign investments and shipping, the deficit in the entire balance of payments will be less than the trade deficit.

The availability of the loan may induce the British government to relax slightly the restrictions on domestic consumption, but according to reports the loan will be used primarily to import raw materials and equipment for modernization of British industry. Even though imports can be expected to rise, therefore, and exports may not continue to

increase at the same rate as during the first half of 1946, the United Kingdom may reach the equilibrium in her balance of payments earlier and with a smaller total deficit than originally estimated.

#### Loan to France

In addition to the British line of credit, the United States made available during the first 6 months of 1946 lines of credit to other foreign countries amounting to more than 1.5 billion dollars, of which over 1 billion dollars represent new loan authorizations by the Export-Import Bank and the remainder primarily credits granted for the purchase of surplus goods. The largest part of the new loan authorizations consists of the loan agreement with France, signed on May 28, 1946, which provided for an Export-Import Bank credit of 650 million dollars, and an additional credit of 300 million dollars to finance surplus property purchases.

#### Canada and Sweden Revalue Currencies

The uncertainty about price developments in the United States after the expiration of the price control act on June 30, 1946 led many countries to examine the need for measures to protect them-

selves from possible repercussions of a sharp rise of United States prices. This consideration was a factor in the decision of Canada and Sweden to raise the value of their currencies in terms of United States dollars.

By this method these countries are attempting to reduce the possibility of goods being drained out of their countries to the United States as a result of higher prices obtainable here. At the same time they are seeking to avoid a decline of imports, by increasing the value of their currency in world markets. Canadian and Swedish importers are thus enabled to pay more in terms of dollars and other foreign exchange without raising prices within these countries.

Raising the exchange value of a currency, therefore, has the same external effect as domestic price rises, but, for the time being at least, avoids the internal dislocations. Neither Canada nor Sweden, in the present sellers' market, have to fear that they will lose export opportunities. The rise of the external value of these currencies only means that the United States and other countries will have to pay more for Swedish and Canadian products and will experience a further upward pressure on some of their own prices.

## Price Control Extension Act of 1946

The new price control law signed by the President on July 25, 1946, extends the life of the Office of Price Administration until June 30, 1947, but modifies the agency's authority in important respects. In general, the new law reimposes price ceilings on the major portion of goods and services produced but continues, at least temporarily, free market pricing on most agricultural commodities and on petroleum.

The major departures in the new law from the price control system in effect during the war and up until June 30 are the shift in emphasis from general price control to speedy price decontrol, the liberalization of pricing formulae, the transfer of control of agricultural prices to the Secretary of Agriculture, and the creation of a Price Decontrol Board. This Board has review powers and is also responsible for deciding whether any of the decontrolled commodities should be placed under ceilings and what action should be taken on subsidy payments.

The new price control law represents a shift in emphasis from general price control to orderly decontrol. Price ceilings have been restored on most goods and services, but some important cost-of-living items are without ceilings, at least until August 21.

The test of the new price-control law will be its effectiveness in preventing price and cost increases from cumulating in spiral fashion and its ability to minimize price uncertainties which interfere with the flow of goods to businesses and consumers.

#### Some Prices Continue Uncontrolled

Uncontrolled market pricing, which became general with the lapse of OPA controls at the end of June, has been continued until August 21, 1946, for poul-

try, eggs, tobacco, grains, livestock, milk, cottonseed, soybeans, and petroleum. With the exception of foods processed from grains, products made in whole or substantial part from the above-mentioned commodities also remain free of controls during this period. Thus, for example, prices of feeds, meats, butter and cheese, and soy bean flour continue to be freely priced. On the other hand, wheat flour is immediately restored to price ceilings.

Two different procedures are stipulated in determining whether price ceilings shall be reimposed on the decontrolled commodities. On the one hand, grains, livestock, milk, cottonseed, soy beans and products will automatically revert to price control on August 21, unless the Board specifically finds no controls are required. On the other hand, free pricing of poultry, eggs, tobacco, and petroleum will continue after August 20 unless the Decontrol Board finds their controls necessary to prevent inflationary trends.

Cotton and rye are also exempted from price controls under the act by the provision that no ceilings shall be imposed on goods not under price control on April 1, 1946.

#### Criteria for Recontrol

The criteria for deciding whether price ceilings should be restored on any of the decontrolled items are set forth in the act as follows:

(1) that the price has risen unreasonably above the maximum price on June 30, 1946, plus subsidies payable as of June 29;

(2) that the commodity is in short supply with regulation practicable and enforceable; and

(3) that the public interest will be served by maintaining ceilings.

These criteria apparently allow price control authorities considerable discretion in recontrolling prices which are left free until August 21 and in rolling back prices which have risen above ceilings plus subsidy.

#### Nonessentials To Be Decontrolled

The present law also provides for the decontrol of all items "not important in relation to business costs or living costs." Although this policy was already being pursued by the Pricing Authority under the old law, the new act stipulates that all nonessentials must be decontrolled not later than December 31, 1946. The Secretary of Agriculture is given the authority to determine what agricultural products should be decontrolled under this provision.

Finally, decontrol is ordered whenever supply equals or exceeds demand, including inventory requirements. This also was part of former OPA policy. Supposedly, the price at which demand and supply are measured would be the ceiling then in effect. Either interested industries or industry advisory committees appointed by the Price Administrator may petition the price control authorities for the elimination or modification of price ceilings. In passing on petitions for decontrol, the control authorities must be guided by the above considerations.

#### Restoration of June 30 Ceilings

Price ceilings in effect on June 30, 1946, were immediately restored on all goods and services not explicitly decontrolled in the act. Thus, residential rents, about 40 percent of the foods, clothing, housefurnishings and many miscellane-

ous consumer items were put back under the old ceilings.

For many commodities, however, restoration of former ceilings was short-lived, since a number of price ceiling adjustments had accumulated during the hiatus in OPA controls and these changes were announced soon after the new law was signed. Prices of textile products, shoes, and fuel were among the items affected by the many ceiling boosts at the end of July.

#### Manufacturers' Ceilings

In determining the maximum price allowed manufacturers, the following provisions are particularly significant:

(1) Ceilings at the producer level must allow the industry's over-all dollar profit margin earned in 1940 on any major item of production, except for situations where there may be temporary abnormalities in costs. To the extent that this formula is used, it will result in somewhat higher prices than previously authorized by OPA, not only because of the change in the base period from the 1936-39 average to 1940, but also because former OPA ceilings were generally based on a profit-net worth formula and were not on an individual product basis.

(2) Control authorities are permitted latitude in maintaining present ceilings if higher ceilings would not increase output. The existing ceilings must, however, cover costs and provide a "reasonable profit".

(3) A special provision covers ceilings on cotton and wool products. These ceilings must allow for costs plus the 1939-41 average profit on each major item. Costs must include current prices paid for basic raw materials (but not less than the parity price) and average mill conversion costs.

(4) The Maximum Average Price plan is prohibited. This plan was adopted by OPA under the previous law in order to redirect the flow of materials to low-end clothing items in short supply because of the incentive to shift production to more profitable lines.

In the case of agricultural commodities at the producer level, the Secretary of Agriculture may raise prices when it appears to him that production is being impeded by existing ceilings.

#### Peacetime Mark-Ups for Distributors

With respect to reconversion goods (such as automobiles and other durable consumer goods) the law provides that distributors in wholesale and retail industries shall be permitted ceiling

prices which allow peacetime mark-ups, so long as sales for any 6-month period remain under average sales from 1939 to 1941. The general provision which applies to all distributors allows a percentage mark-up equal to that which was in effect on March 31, 1946. These two provisions have the effect of preventing compulsory cost absorption by distributors such as was done when retail price ceilings were earlier established on new automobiles.

#### Ceilings on Imports

The law contains a special provision with respect to prices on imported goods which requires upward adjustments in cases where the existing ceiling is below the world price and, as a result, imports are substantially curtailed or domestic trade in products containing the imported material is substantially restricted. While this adjustability in import prices will make it possible for importers to pay the world market price, it may prove difficult to maintain existing ceilings on similar products produced domestically even though the law does not require these ceilings to be adjusted upwards as import prices are raised.

#### Flexibility in Restaurant Prices

The new act contains several other less important provisions for upward ceiling adjustments. For example, eating and drinking establishments are permitted to raise their charges to the extent that their costs are increased because of higher prices paid for commodities no longer under price control.

#### Provision for Subsidy Payments

The new law provides 1 billion dollars for subsidy payments. Although this total represents a reduction from previous authorizations, the major portion, 869 million dollars, is available for spending over a shorter period, since most subsidies must taper off and be terminated by April 1, 1947. Hence, the amount of the authorization need not of itself immediately reduce the rate of subsidy payments.

Extension of subsidy payments to new commodities and increases over previous subsidy rates are prohibited. Furthermore, no subsidies may be paid on commodities while they are decontrolled. Thus, subsidy payments cannot be resumed on meats, milk, butter, cheese, and other decontrolled commodities unless these products are restored to price control.

### Wage Stabilization Continued

Wage stabilization controls remain possible under the Price Control Extension Act since unauthorized wage increases need not be considered in determining ceiling adjustments. In most of the large industries wage rate increases in line with the national wage pattern were granted during the early months of this year. In some other industries, however, wage rates have not risen to the permitted extent.

### General vs. Partial Controls

A major factor in the success of price control during the war was the inclusive nature of the controls. Virtually no major living costs or production costs

were left to the operation of market forces. Within such a framework of controls it was possible to clamp a relatively tight price lid on the economy.

The new Act departs from the wartime system of general price control by permitting important cost-of-living items to remain uncontrolled, at least for a temporary period. This change will require a more flexible control system if the proper balance among related prices and between prices and costs is to be maintained in the period ahead.

### Problem of Cost-Price Balance

It appears that the modified price control system can provide this flexibility since it embodies more liberal pricing formulae. In effect, this means that

cost-price balance will be obtained at the expense of further price increases. Although the improvement in the supply situation since the end of the war has taken the edge off the inflationary pressures in some areas of the economy, it is difficult at present to single out many important commodity markets where the demand-supply situation is not heavily weighted on the side of demand.

The test of the new price control set-up will be its effectiveness in preventing price and cost increases from cumulating in spiral fashion and its ability to minimize price uncertainties which interfere with the flow of goods to businesses and consumers.

## Recent Changes in the Price Structure

Recent weeks have brought major changes in the price structure. Prices of raw materials have increased more than the prices of semifinished and finished goods. Prices in primary and wholesale markets have risen more rapidly than prices at retail.

The pattern of recent price changes has been extremely varied because prices are not equally sensitive to changes in market conditions and because the new price control law has left some prices uncontrolled, at least until August 21. But regardless of the action taken on the decontrolled prices, the price structure will continue to be adjusted in the period ahead not only because of the provisions of the new price law but also because many of the price changes that have already taken place have not yet had their full effect.

### Recent Price Changes in Perspective

In view of the major price changes

Prices rose markedly following temporary ending of OPA controls on June 30th. The general index of wholesale prices increased 10 percent during the 4 weeks of July—largest advances were registered in agricultural and food prices. In contrast, the prices of many industrial products remained at former ceilings. In terms of the BLS consumers' price index, the price rise in the month ending July 15 averaged 5½ percent, on the basis of preliminary reports.

Actual prices for some agricultural commodities in July exceeded the peaks reached in the inflationary period after World War I.

which occurred during July, it is of considerable interest to relate these changes to the price experience during the re-

cent war and to the experience during and after World War I. (See chart 6.)

The BLS index of wholesale prices at the start of the present war in September 1939 was substantially higher than at the beginning of World War I. After a period of roughly a year and a half of relative stability which characterized the price situation in the early phases of both wars, prices began to move sharply upward, with World War I prices shooting forward at a much more rapid pace.

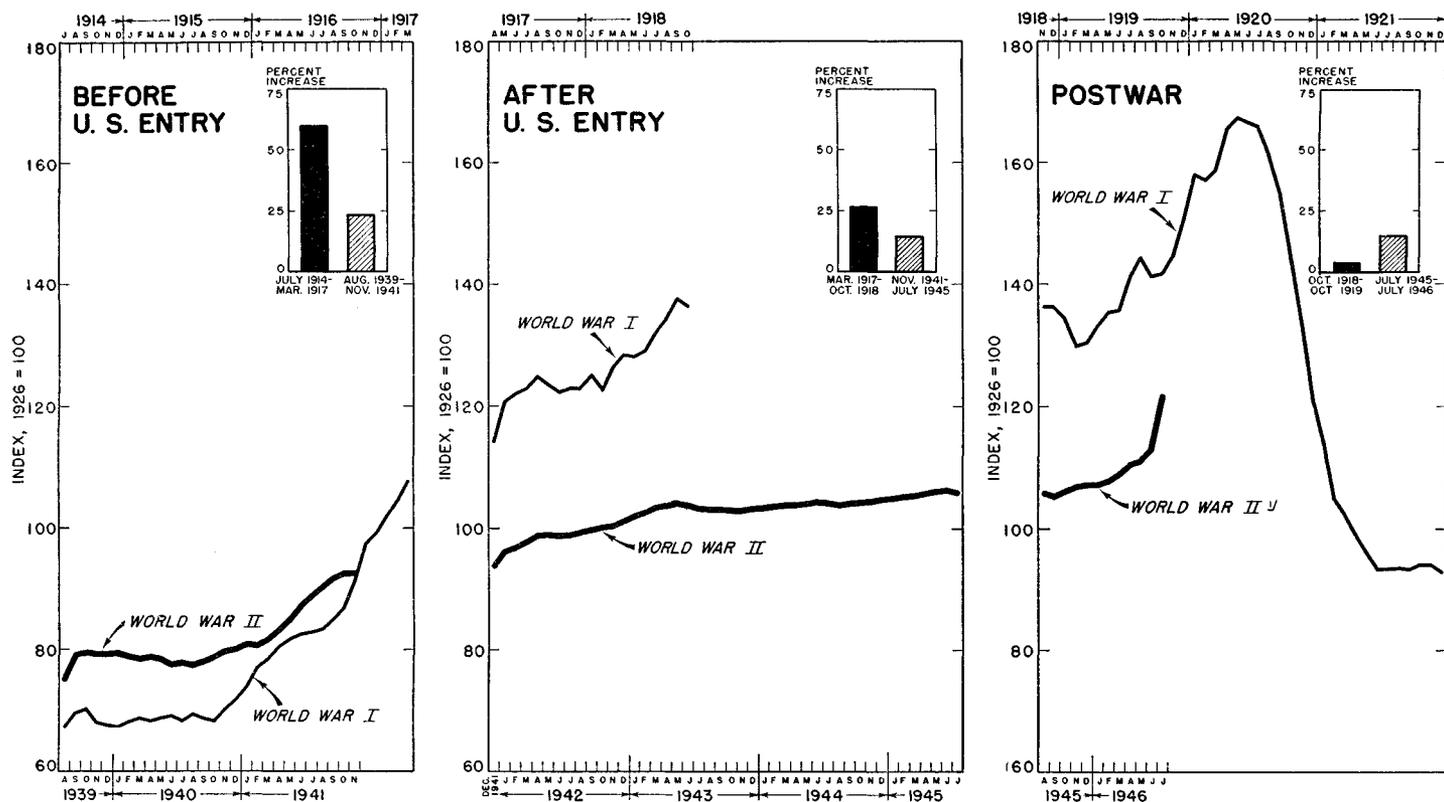
Up to the time the United States entered into the war in April 1917, wholesale prices had advanced 60 percent carrying the general level of prices to a point almost 45 percent above the level prevailing just prior to World War II. The larger percentage rise in the 1914-17 period than during 1939-41 is shown in the bar chart inserted in the left panel of chart 6.

Table 1.—Wholesale Prices of Major Commodity Groups: Selected Dates of War and Postwar Periods

Commodity group	Index, 1926=100						Percent increase from—					
	Average for month of—					Week ended—		August 1939 to May 1943	August 1939 to June 1946	May 1943 to June 1946	July 1945 to June 1946	June 29, 1946 to July 27, 1946
	August 1939	December 1941	March 1943	July 1945	June 1946	June 29, 1946	July 27, 1946					
Combined index.....	75.0	93.6	104.1	105.9	112.9	112.7	124.1	38.8	50.5	8.5	6.6	10.1
<b>Economic classes:</b>												
Manufactured products.....	79.1	94.6	100.7	101.8	107.3	107.8	119.3	27.3	35.7	6.6	5.4	10.7
Raw materials.....	66.5	92.3	114.0	117.5	126.3	126.7	140.2	71.4	89.9	10.8	7.5	10.7
Semimanufactured articles.....	74.5	90.1	93.0	95.3	105.7	104.4	109.0	24.8	41.9	13.7	10.9	4.4
<b>Farm products.....</b>	61.0	94.7	125.7	129.0	140.1	140.3	157.3	106.1	129.7	11.5	8.6	12.1
Commodities other than farm products.....	77.9	93.3	99.2	100.7	106.7	106.6	116.8	27.3	37.0	7.6	6.0	9.6
Foods.....	67.2	90.5	110.5	106.9	112.9	113.4	140.7	64.4	68.0	2.2	5.6	24.1
Commodities other than farm products and foods.....	80.1	93.7	96.7	99.7	105.6	105.4	108.6	29.7	31.8	0.2	5.9	3.1
Building materials.....	89.6	107.8	110.5	117.5	129.9	130.3	132.6	29.3	45.0	17.6	10.6	1.8
Chemical and allied products.....	74.2	90.4	94.8	95.3	96.4	96.9	100.3	127.8	29.9	1.7	1.2	3.5
Fuel and lighting materials.....	72.6	78.4	80.8	84.3	87.8	87.5	90.2	11.3	20.9	8.7	4.2	8.1
Hides and leather products.....	92.7	114.8	117.8	118.0	122.4	123.8	144.0	27.1	32.0	3.9	3.7	16.3
Housefurnishing goods.....	85.6	101.1	102.7	104.5	110.4	110.7	112.5	20.0	29.0	7.5	5.6	1.6
Metals and metal products.....	93.2	103.3	103.8	104.7	112.2	111.6	113.3	11.4	20.4	8.1	7.2	1.5
Textile products.....	67.8	91.8	97.4	99.6	109.2	108.5	109.5	43.7	61.1	12.1	9.6	.9
Miscellaneous.....	73.3	87.6	91.9	94.8	98.5	97.9	101.7	25.4	34.4	7.2	3.9	3.9

Source: U. S. Department of Labor.

Chart 6.—Wholesale Prices in Two War and Postwar Periods



<sup>1</sup> Figure for July 1946 is a preliminary estimate for the month, based upon weekly data through July 27, 1946.  
 Source of data: U. S. Department of Labor, except estimate for July 1946.

During our participation in World War I prices continued an irregular but strongly upward movement and by the end of the war, 18 months later, wholesale prices had advanced another 27 percent, to a level double that of July 1914.

It should be noted that the system of price control put in operation during the first World War was of the selective type and quite unlike the General Maximum Price Regulation promulgated in 1942. The War Industries Board and other agencies succeeded in holding close to 600 prices in check, mainly those basic prices which had risen most rapidly in the prewar period. Large segments of the price structure remained free to rise, and they did so, to the extent of rising about one-fourth during the year and a half of price control.

The contrast with the behavior of wholesale prices during World War II is striking. As may be seen in the middle panel, and in table 1, wholesale prices remained relatively stable over the greater part of the three and three-quarter years of our participation. Although prices continued upward at a moderate rate from Pearl Harbor to May 1943, shortly after the President's "hold-

the-line" order was put into effect, in the succeeding 28 months of warfare the total increase in the index of wholesale prices amounted to about 2 percent.

This record of wholesale price stability was achieved despite the fact that at the height of the war effort roughly one-half of the gross national product went for war purposes, in contrast to the situation in World War I when war production was a considerably smaller part of the total.

**Inflationary Pressures Stored Up**

The very success of the wartime price regulations, as supplemented by rationing and priority controls, was a major factor in building up the inflationary potential for the current transition period while industry is reconverting to peacetime production. The accumulated wartime shortages of such items as durable consumer goods, the low level of inventories relative to sales, the substantial replacement needs in many lines of capital equipment, and the requirements for relief and rehabilitation abroad—all add up to the highest demand for goods and services by business and consumers on record. Moreover, the business and consuming public has the purchasing power required to make these purchases.

Inflationary factors were also present after the first World War. After a short recession in the early winter of 1918-19, the pressure of demand for goods sent the economy into a severe inflationary cycle which reached its peak in May 1920 after wholesale prices dropped 44 percent in the succeeding 13 months.

The movement of prices in the two postwar periods is traced in the right-hand panel of the chart. During the 10-month period from VJ-day to June 1946, the advance in wholesale prices amounted to 7 percent. Ten months after World War I, prices at wholesale were but 4 percent higher than at the war's end. However, prices had turned downward in the first 3 months after the First World War, so that the monthly rate of increase after the upswing got under way was higher than 4 percent and was sharper than the rise from VJ-day to June of this year.

**Basic Commodity Prices Rise Rapidly**

The price increases which occurred after the lapse of OPA controls on June 30 completely overshadowed the changes in the preceding period. Actual spot prices of 28 basic commodities traded on organized exchanges are shown in table 2 together with their percent changes

between June 28 and July 31, 1946. Prices of all but 10 of these products rose substantially after the lapse of OPA controls at the end of June, with the average for all increasing 25 percent over the month. The recent behavior of the index of basic commodity prices has already been described. (See chart 1 on page 2.)

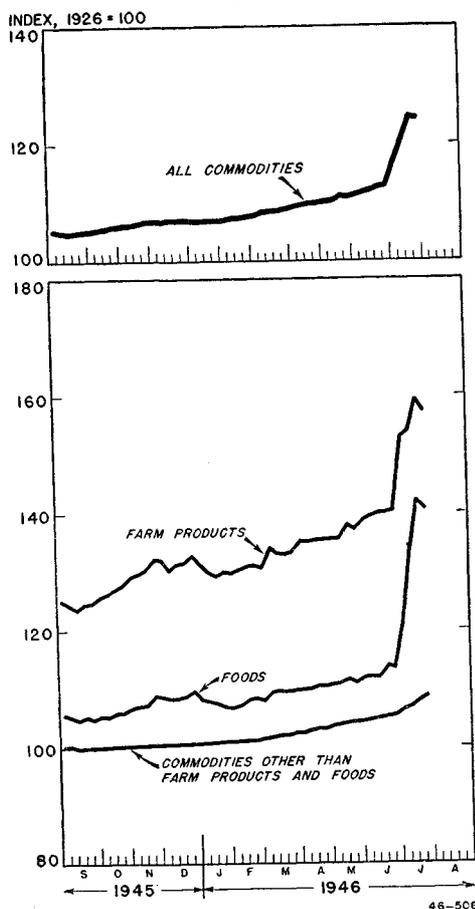
On July 31, prices of corn, hogs, and steers were higher than the peaks reached in the post-World-War-I inflation. Butter also had sold at prices exceeding the 1920 high, but at the end of the month the price had receded to a point approximately equalling the post-World-War-I high.

It will be noted from the table that prices on July 31 of 10 commodities in this group were the same as on June 28. Quotations on 3 of these—rosin, lead, and zinc—reverted to June levels with the recent reimposition of price controls on these goods, after being higher during the ceiling-free interim.

The prices of tin, rubber, burlap, and sugar remained at June ceilings throughout the last month, as these prices continued, in effect, to be set by governmental action. Trading activity for the remaining commodities—steel scrap and copper—was at a virtual standstill in July due to the many uncertainties in the market situation.

About a third of the 28 commodities listed in the table remained uncontrolled

Chart 7.—Weekly Wholesale Prices



Source of data: U. S. Department of Labor.

at the end of July but will be returned to control after August 20, unless action to the contrary is taken by the Decontrol Board.

#### 10 Percent Rise at Wholesale in July

In terms of the broad index of wholesale prices, the rise during the 4 weeks of July was 10 percent. (See table 3.) Relative to the level prevailing on VJ-day, prices were about 18 percent higher. This rate of increase not only far surpassed the change in the first 11 months after the Armistice in World War I, but was also greater than the rate of increase from the lower level of wholesale prices prevailing in February 1919.

#### Food Prices Rise One-fourth

Increases in the prices of food and farm products have been greatest among the recent price changes. (See chart 7.) The increase in the food component of the wholesale price index for the 4 weeks of July was 24 percent. Meat prices were up 66 percent, cereal products 21 percent, and dairy products 14 percent. Of the foods, only fruits and vegetables registered a decline—a seasonal movement due to the large supplies flowing to the

markets at this time of the year. Detailed price changes are shown in table 3.

The termination of subsidy payments on major food items contributed to the price rise in July. It is estimated that subsidy payments represented no more than 10 percent of the former retail food price ceilings, though they were a larger percentage of wholesale prices. It appears that the increase in wholesale prices has exceeded the amount of the subsidy in all cases, with the possible exception of butter.

#### Farm Products Prices Up 12 Percent

Wholesale prices of farm products in the latter part of July were 12 percent higher than in the last week of June. Increases in grain prices were particularly prominent in this group, with advances averaging 16 percent in the 4 weeks of July. The price of corn rose higher than the peak reached after World War I. At \$2.115 a bushel at the end of the month, corn was selling for more than wheat. The easing of some grain prices toward the end of July, plus the fact that prices on futures, particularly corn futures, were far below current spot quotations, undoubtedly reflected the bumper harvest forecast in the latest crop reports.

#### Industrial Prices Held to 3 Percent Rise

Industrial prices (shown as "commodities other than farm products and foods" in chart 7) underwent far less spectacular changes than did farm products and foods, rising only 3 percent during the free market period. In view of the fact that some price ceiling adjustments already set in motion prior to June 30 are reflected in the July advance, it is evi-

(Continued on p. 23)

Table 3.—Changes in Wholesale Prices, by Selected Commodity Groups, Week Ended June 29 to Week Ended July 27, 1946

Commodity group	Percentage increase <sup>1</sup>	Commodity group	Percentage increase <sup>1</sup>
Meats	65.7	Cement	1.4
Hides and skins	63.4	Brick and tile	1.6
Cereal products	21.1	Chemicals	1.0
Livestock and poultry		Clothing	.6
Grains	18.6	Hosiery and underwear	.6
Dairy products	14.1	House furnishings	.6
Oils and fats	14.1	Petroleum products	.3
Shoes	7.9	Rayon	0
Paint and paint materials	7.8	Woolen and worsted goods	0
Fertilizer materials	7.1	Automobile tires and tubes	0
Leather	6.9	Lumber	-1.1
Furniture	3.1	Plumbing and heating equipment	-2.2
Metals nonferrous	3.1	Fruits and vegetables	-3.9
Drugs	2.5		
Iron and steel	2.2		
Cotton goods	2.1		
Paper and pulp	1.9		

<sup>1</sup> A minus sign denotes a decrease.

Source: U. S. Department of Labor.

Table 2.—Spot Market Prices of 28 Basic Commodities

Commodity	Prices (dollars)		Percent increase
	June 28, 1946	July 31, 1946	
<b>Agricultural commodities:</b>			
Wheat.....bushel	1.878	1.988	6.4
Corn.....do	1.448	2.115	46.1
Barley.....do	1.440	1.615	12.2
Hogs.....100 lbs.	14.850	23.125	55.7
Steers.....do	17.000	20.250	19.1
Butter.....pound	.560	.685	22.3
Lard.....do	.140	.325	32.1
Cotton.....do	.310	.357	8.7
Cottonseed oil <sup>1</sup> .....do	.143	.178	24.5
Tallow.....do	.088	.129	50.0
Rosin.....100 lbs.	6.760	6.760	0
<b>Domestic nonagricultural commodities:</b>			
<b>Steel scrap:</b>			
Chicago.....ton	18.750	18.750	0
Philadelphia.....do	18.750	18.750	0
Copper.....pound	.142	.142	0
Lead.....do	.082	.082	0
Zinc.....do	.087	.087	0
Print cloth.....yard	.114	.135	18.4
<b>Import commodities:</b>			
Sugar.....pound	.042	.042	0
Coffee.....do	.158	.220	39.2
Cocoa beans.....do	.090	.160	77.8
Tin.....do	.520	.520	0
Rubber.....do	.225	.225	0
Shellac.....do	.365	.650	78.1
Hides.....do	.155	.260	67.7
Wool tops <sup>1</sup> .....do	1.330	1.440	8.3
Flaxseed.....bushel	3.350	3.800	13.4
Silk <sup>2</sup> .....pound	3.080	7.460	142.2
Burlap.....do	.118	.118	0

<sup>1</sup> Nominal price quoted in market.

<sup>2</sup> Limited trading. July quotation represents average price paid for a particular grade of silk involved in a large sale from Government stocks.

Source: U. S. Department of Labor.

# State Income Payments in 1945

By Charles F. Schwartz and Robert E. Graham, Jr.

**I**N EVERY REGION of the Nation the flow of income to individuals in 1945 was about as high as in the peak war year 1944, despite the sharp contraction of war production following the surrender of Japan.

For six of seven regions total income payments to individuals in 1945 either equalled or slightly exceeded previous record attainments of 1944.<sup>1</sup> And in the Far West—where tremendous growth of shipbuilding and aircraft production on the Pacific Coast had been the principal factor in a spectacular war-period expansion of individual incomes—the income decline from 1944 to 1945 was fractional.

In broad outline, the geographic distribution of income in 1945 was closely similar to that of 1944. With income payments advancing 2 percent nationally to the all-time high of 152.7 billion dollars in 1945, changes on a regional basis ranged from a 4 percent rise in the agricultural Northwest to a 1 percent decline in the Far West. (See table 1.) Despite the complex of dynamic elements in the Nation's income flow during 1945, 42 States registered 1944-45 changes in total income falling within the relatively narrow range of a 7 percent rise to a 3 percent decline.

## Wartime Developments

Estimates for the Continental United States of total income and of selected components of the total for 1944 and each quarter of 1945, together with comparable estimates spanning the earlier war period 1940-43, are shown in table 2. These estimates trace the magnitude and sources of the unprecedented 1940-44 growth of individual incomes and the further small rise in 1945 representing, in the main, a balance between sharply divergent movements occurring after VJ-day. Brief analysis of developments over this period on a Nation-wide basis

<sup>1</sup> Technical notes defining State income payments are provided at the end of the article.

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

## Summary

With income payments advancing nationally to the all-time high of 152.7 billion dollars, the flow of income to individuals in all regions in 1945 closely approximated that in the peak war year 1944.

Despite the sharp contraction of war production after VJ-day, the level of aggregate individual incomes in the Continental United States in the fourth quarter of 1945 was actually higher than in 1944. Special compilations of State income payments for this quarter reveal that on a geographic, as well as national, basis the summary effects of readjustments to peace on aggregate incomes were of minor order.

Throughout the Nation the last quarter of 1945 included considerable readjustment of the economy to a peacetime footing. The State income estimates for this period, therefore, provide a general preview of the geographic distribution of income in the immediate postwar period. As compared with the prewar pattern, they indicate a significant redistribution of income from New England and the Middle Eastern States to the South and West.

This article is another in the series of reports on State income payments which have been published annually in the SURVEY. It provides tables showing, by States and regions, estimated total and per capita income payments for the years 1929-45, income payments in the fourth quarter of 1945, and per capita civilian income payments in 1945. Additional data are also provided to aid in analysis.

should be helpful to an understanding of principal shifts on a geographic basis and will be useful background for any inquiry into the probable nature of the

geographic distribution of income in the immediate postwar period.

The expansion of aggregate income payments from 1940 to 1943 stemmed primarily from rapidly mounting Government war expenditures. The influence of these expenditures in feeding the war-period income stream is seen most directly in the upsurge of wages and salaries paid out by "war" manufacturing industries, agricultural income, Federal civilian pay rolls, and pay of the armed forces.

These four dynamic components expanded from 15 billion dollars in 1940 to 54 billions in 1943 and contributed three-fifths of the 63-billion-dollar growth in total income over the period. Their uneven expansion among the States resulted in a significant geographic redistribution of income.

In 1944, on the other hand, when there was general stability of the economy as war production levelled off at peak rates, these four components accounted for approximately one-tenth of the 10-billion rise in income payments to residents of the Continental United States. Most of the 1944 rise stemmed from military allowances and allotments, payments by trade and service establishments, and Federal interest disbursements. These expanded much more uniformly among the States than did the dynamic components to which the 1940-43 growth in total income can be traced.

A manifestation of the uniformity of income change among the States from 1943 to 1944 was that the long-term trend of redistribution in favor of the South and Far West—accelerated by the Nation's economic mobilization for war during 1941-43—was retarded, though not completely arrested.

## Nation's Income Flow in 1945

For the Nation neither the levels nor composition of income payments changed markedly from 1944 through the second quarter of 1945. Table 2 reveals, however, a lowering of war-industry pay rolls; a reduction of military pay with the transference of an increasingly larger proportion of the armed forces

overseas;<sup>2</sup> an appreciable increase in military allowances and allotments going to civilians; an advance in Federal interest disbursements; and a continued moderate upward movement in other types of income payments.

The Nation's response to VJ-day was the immediate curtailment of war production and the initiation of a program of rapid military demobilization. The summary effects of these and other readjustments to peace on the aggregate flow of individual incomes were, for the country as a whole, of rather minor order. Equivalent to the annual rate (seasonally adjusted) of 151.1 billion dollars, income payments in the fourth quarter of 1945 were actually on a slightly higher level than in 1944, the last full year of war. They were only 4 billions below the record peak of 155.2 billions reached in the first quarter of the year, notwithstanding a 12.2-billion lower volume of war-industry pay rolls.

Income payments in the fourth quarter of last year were maintained at a near-record level by (1) greatly expanded volumes of mustering-out payments to discharged servicemen (included in "Military allowances and allotments") and unemployment benefits, (2) a spurt in income paid out by trade and service establishments as consumer spending, despite shortages, attained new high levels, and (3) a continued advance of income payments by other private nonagricultural industries. Further, although 5 million servicemen were returned to civilian life during the last 3 months of the year, total military pay in the Continental United States did not drop appreciably because of a steady flow of military personnel into this country from overseas.

Factory employment in the fourth quarter of 1945 was surprisingly well sustained in view of the almost complete cessation of war production by early fall. A correlative fact of significance is the considerable extent to which employment in war industries had tapered prior to VJ-day. Total employment in manufacturing industries included in the "war" classification was highest in August of 1943, and then declined steadily. By July of 1945 war-industry employment was more than 1,800,000, or approximately one-fifth, below the wartime peak.

<sup>2</sup> The continental United States totals of income payments exclude pay of armed forces stationed overseas with the exception of the part flowing into this country as allotments of pay and contributions to family-allowance payments. In this respect they differ from the Department's monthly estimates of income payments published regularly in the SURVEY. The latter include all pay of armed forces serving overseas. (See appended "Technical Notes.")

### "Impact of Peace"

Special compilations of State income payments for the fourth quarter of 1945, at seasonally adjusted annual rates, are provided in table 3. These estimates reveal that, in general, the "impact of peace" on aggregate income payments was of minor order on a State and regional, as well as national basis. In all areas except the Far West, the rate of income payments in the fourth quarter of 1945 closely approximated 1944 totals; in the Far West the decline was only 5 percent.

The three States sustaining the largest relative declines in income payments

from 1944 to the last quarter of 1945 were among the five States that had experienced the largest increases from 1940 to 1944 in the percentage of all income accounted for by war-industry pay rolls. (See table 6.) These are Washington, Oregon, and Michigan—all of which sustained income declines of approximately one-tenth from 1944 levels. In all other States where war production was exceptionally important in swelling the volume of individual incomes after 1940, the rate of income payments in the last quarter of 1945 was likewise below the 1944 total. Such States are Connecticut, Maine, Maryland, Indiana, Ohio, Kansas, and California. But the

Table 1.—Percent Distribution of, and Relative Changes in, Total Income Payments, by States and Regions, Selected Years, 1929-45<sup>1</sup>

State and region	Percent distribution						Percent change			
	1929	1940	1941	1942	1943	1944	1945	1929 to 1940	1940 to 1944	1944 to 1945
Continental United States.....	100.00	100.00	100.00	100.00	100.00	100.00	100.00	-8	+97	+2
New England.....	8.22	8.07	7.98	7.73	7.30	7.10	7.04	-10	+73	+1
Connecticut.....	1.77	1.87	1.99	2.02	1.89	1.80	1.71	-3	+90	-3
Maine.....	.54	.57	.55	.58	.61	.57	.54	-4	+98	-3
Massachusetts.....	4.58	4.30	4.17	3.90	3.67	3.62	3.67	-13	+64	+3
New Hampshire.....	.37	.35	.33	.30	.27	.27	.29	-11	+53	+9
Rhode Island.....	.70	.67	.70	.71	.66	.63	.62	-12	+86	(?)
Vermont.....	.26	.25	.24	.22	.20	.21	.21	-13	+64	+5
Middle East.....	33.70	32.06	30.57	28.69	27.60	27.84	28.18	-13	+71	+3
Delaware.....	.26	.31	.30	.27	.27	.27	.26	+10	+67	-1
District of Columbia.....	.77	1.19	1.13	1.09	1.04	1.01	1.06	+42	+61	+7
Maryland.....	1.34	1.61	1.64	1.73	1.71	1.67	1.62	+10	+105	-2
New Jersey.....	3.96	4.14	3.98	3.92	3.83	3.83	3.70	-4	+83	-1
New York.....	17.53	15.60	14.51	13.12	12.59	12.88	13.30	-18	+63	+5
Pennsylvania.....	8.88	8.21	8.03	7.62	7.28	7.27	7.29	-15	+75	+2
West Virginia.....	.96	1.00	.98	.94	.88	.91	.95	-4	+78	+7
Southeast.....	10.51	11.92	12.55	13.37	13.80	14.07	14.21	+4	+133	+3
Alabama.....	.97	1.00	1.12	1.23	1.25	1.27	1.30	-5	+149	+4
Arkansas.....	.68	.65	.71	.77	.70	.73	.77	-12	+123	+7
Florida.....	.84	1.19	1.15	1.27	1.50	1.53	1.56	+29	+154	+5
Georgia.....	1.16	1.30	1.35	1.41	1.52	1.56	1.55	+3	+137	+1
Kentucky.....	1.17	1.16	1.13	1.15	1.20	1.22	1.25	+9	+108	+5
Louisiana.....	1.04	1.12	1.16	1.21	1.33	1.32	1.26	-2	+132	-2
Mississippi.....	.66	.58	.68	.76	.77	.77	.76	-18	+158	+1
North Carolina.....	1.17	1.49	1.56	1.61	1.59	1.66	1.69	+17	+120	+4
South Carolina.....	.53	.72	.76	.83	1.81	.83	.83	+24	+128	+2
Tennessee.....	1.10	1.22	1.32	1.31	1.40	1.47	1.54	+2	+138	+7
Virginia.....	1.19	1.49	1.61	1.82	1.73	1.71	1.70	+14	+127	+1
Southwest.....	5.03	5.15	5.13	5.57	6.02	6.07	5.96	-6	+132	(?)
Arizona.....	.30	.31	.31	.37	.42	.38	.38	-3	+139	+3
New Mexico.....	.19	.25	.24	.26	.27	.27	.28	+18	+113	+7
Oklahoma.....	1.31	1.09	1.04	1.13	1.13	1.19	1.19	-23	+115	+2
Texas.....	3.23	3.50	3.54	3.81	4.20	4.23	4.11	-1	+139	-1
Central.....	29.32	28.56	29.05	28.52	28.23	27.90	27.90	-11	+93	+2
Illinois.....	8.52	7.57	7.47	6.97	6.71	6.83	6.93	-18	+78	+4
Indiana.....	2.27	2.45	2.64	2.66	2.68	2.64	2.61	-1	+112	+1
Iowa.....	1.63	1.63	1.66	1.70	1.69	1.53	1.65	-9	+85	+10
Michigan.....	4.29	4.51	4.63	4.71	4.90	4.73	4.37	-3	+107	-6
Minnesota.....	1.75	1.88	1.76	1.75	1.69	1.62	1.75	-1	+70	+10
Missouri.....	2.67	2.52	2.56	2.51	2.43	2.40	2.49	-13	+88	+6
Ohio.....	5.95	5.86	6.12	6.01	5.97	5.95	5.84	-10	+100	(?)
Wisconsin.....	2.24	2.14	2.21	2.21	2.16	2.20	2.26	-12	+103	+5
Northwest.....	4.75	4.44	4.45	5.06	5.10	4.92	5.03	-14	+119	+4
Colorado.....	.77	.78	.75	.84	.82	.75	.81	-7	+92	+9
Idaho.....	.28	.31	.30	.35	.34	.35	.34	+1	+125	-2
Kansas.....	1.20	1.00	1.05	1.24	1.31	1.29	1.27	-24	+155	(?)
Montana.....	.39	.42	.40	.40	.37	.37	.35	-1	+71	-2
Nebraska.....	.92	.75	.71	.85	.87	.85	.88	-26	+124	+6
North Dakota.....	.32	.31	.36	.38	.38	.37	.39	-10	+136	+5
South Dakota.....	.35	.32	.33	.37	.37	.35	.39	-16	+114	+16
Utah.....	.33	.35	.36	.44	.47	.41	.42	-3	+135	+3
Wyoming.....	.19	.20	.19	.19	.17	.18	.18	-2	+74	+5
Far West.....	8.47	9.80	10.27	11.06	11.95	12.10	11.68	+6	+144	-1
California.....	6.31	7.39	7.64	7.98	8.67	8.80	8.59	+7	+135	(?)
Nevada.....	.09	.12	.11	.17	.14	.13	.13	+24	+115	-1
Oregon.....	.73	.84	.89	1.02	1.10	1.07	1.01	+5	+153	-3
Washington.....	1.34	1.45	1.63	1.89	2.04	2.10	1.95	(?)	+185	-5

<sup>1</sup> Computed from data shown in table 7.

<sup>2</sup> Less than five-tenths of 1 percent.

Source: U. S. Department of Commerce.

more striking fact is that the decline of aggregate incomes in these States was no larger than from 3 to 6 percent.

In three-fourths of the States last year, the fourth-quarter rate of income payments to civilians was above that of any previous full year. Because of relatively large decreases from 1944 to the last quarter of 1945 in the total pay of armed forces stationed in the Southeast and Southwest, every State of these two regions except Kentucky shows a more favorable comparison of the fourth quarter of 1945 with the year 1944 on a civilian-income basis than on a total-income basis. In nearly all other States, changes in civilian incomes over this period were very similar to changes in total income.

**Maintenance of Peak Levels**

Explanation of the virtual maintenance of peak levels of income payments in all areas of the Nation after VJ-day centers, with varying degrees of applicability, in the same factors that bolstered the income flow on a national scale—expanded flows of mustering-out payments, unemployment benefits, and other Government “transfers,” and the pervasive, dynamic effects of high-level rates of consumer spending.

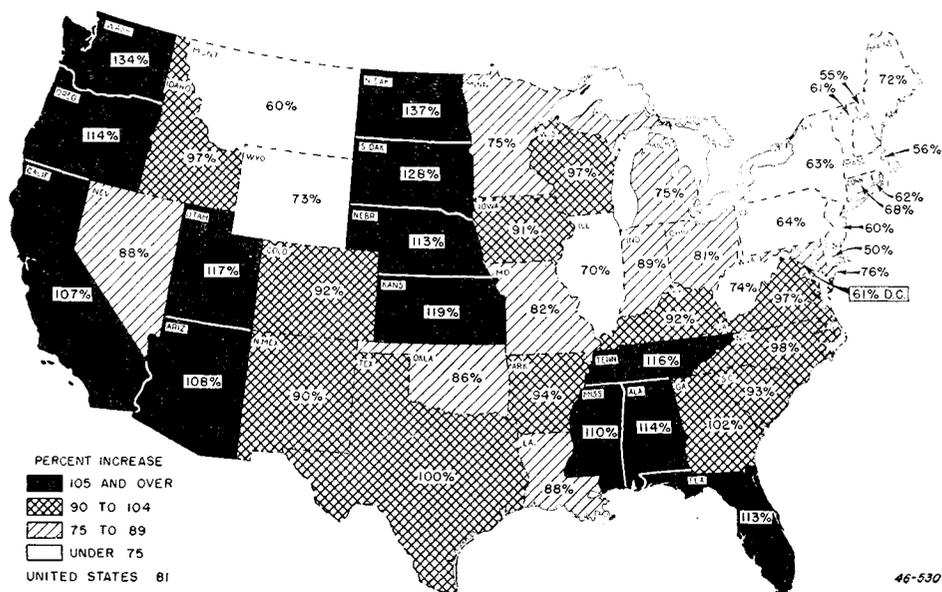
It is to be noted carefully, however, that these State income data, being State-wide totals, conceal the severity of readjustment problems in some local areas; and, representing the summary or average experience of all income groups, they do not reveal the differing experiences of various classes of the population. For example, although in most States the aggregate income of all individuals in the fourth quarter of last year was at peak wartime levels, total pay rolls of “war” manufacturing industries throughout the seven regions were from two-fifths to two-thirds below 1944 totals. (See table 6.) To hundreds of thousands of war-plant employees and their families, the fourth quarter of last year brought—if only for short duration—unemployment or reduced average incomes.

**Postwar Considerations**

The State income estimates for the fourth quarter of 1945 are essential data for analysis of the probable postwar distribution. They very probably would be more useful for such analysis than estimates for the full year 1945 simply because (1) they cover a later period and (2) they cover a period of peace, rather than of war and peace.

But the fourth quarter estimates, additionally, have special significance for postwar considerations from the fact that the major dismantling of the war

**Map I.—Percentage Increase in Nonmilitary Income Payments, 1940 to Fourth Quarter 1945<sup>1</sup>**



<sup>1</sup> Nonmilitary income payments are total income payments minus pay of the armed forces, mustering-out pay, family-allowance payments, and allotments of pay to individuals by military personnel. Data for the fourth quarter of 1945 are seasonally adjusted, at annual rate.

Source of data: U. S. Department of Commerce.

production machine was swiftly accomplished in the first few weeks after the surrender of Japan. The munitions program was almost completely liquidated between mid-August and early October; and, with the beginning revival of civilian production in the heavy-goods industries, factory employment levelled off in the closing months of the year.

Compilations by the Social Security Board of employment data reported by State unemployment compensation agencies show that in March of this year, the latest month for which information is available, total factory employment in all parts of the Nation was very similar to the fourth-quarter 1945 average. There was an even closer correspondence, for States and regions, between March 1946 and October-December 1945 employment in all “covered” industries combined. Total employment in industries covered by State unemployment compensation laws was up 2 percent nationally, with regional changes ranging from a 4 percent increase in New England to a small decline in the Northwest. For the country as a whole, wages and salaries in covered industries in the fourth quarter of 1945 constituted approximately three-fourths of all civilian wages and salaries and more than two-fifths of all income payments to individuals.

On both a national and geographic basis, therefore, the last quarter of 1945 included considerable readjustment of the economy to a peacetime footing.

Hence, even though output in many reconverted war industries was still only a trickle and millions of war veterans still remained to be absorbed into civilian pursuits, the State income estimates for this period—after elimination of all military payments (family allowances, allotments-of-pay, and mustering-out payments, as well as pay of the armed forces)—probably can qualify as a general preview of the geographic distribution of income in the immediate postwar years.

Military payments, which in the last 3 months of 1945 amounted to the huge volume of 14.7 billion dollars (annual rate), were undoubtedly the principal element of “impermanence” or instability in the fourth quarter income stream. It is to be emphasized, however, that the usefulness of these State income estimates of the last quarter of 1945 for postwar projection, probably would be severely restricted in the event of very rapid and differential price advances.

State distributions of total nonmilitary income for 1940 and the fourth quarter of 1945 are shown in table 3. The latter distribution, however, probably involves some slight understatement of the postwar income shares of the South and Far West because of the location there of a relatively large number of permanent military establishments.

Differences among the States in the percentage change in total nonmilitary

income from 1940 to the last quarter of 1945 are shown on map 1. They form fairly uniform regional patterns. In every State of the New England and Middle Eastern regions the expansion of nonmilitary income from 1940 to the last quarter of 1945 was of less-than-average proportions. In all States of the four Southern and Western regions, with the exceptions of Wyoming and Montana, the relative income growth over this period exceeded the Nation's.

### Regional Trends

It is important to note that this war-period geographic redistribution of income which very probably will be carried into the immediate postwar period is, in its major aspects, in line with prewar developments. The sections immediately following examine briefly the individual regional trends composing the broad geographic shifts of income over the heterogeneous period 1929-45 covered by Department of Commerce estimates. Major factors underlying the trends are sketched, and important State exceptions to the regional trend are noted.

#### New England

Over the period 1929-45, New England's share of the Nation's income payments declined in every year except the depression years 1930-32. The relative decline was slight from 1929 to 1940, but was sharply accelerated in the war years. Massachusetts, with approximately half of the region's total income, dominated the regional movements in both the prewar and war periods.

None of the New England States scored 1940-45 percentage gains in total income matching the Nation-wide average. In highly industrialized Connecticut, however, the rate of income expansion outpaced the Nation's in the three years 1940-42, and Government war spending directly stimulated above-average income gains in Maine and Rhode Island in the early war period. Connecticut, it is to be noted, moved counter to the regional trend by exhibiting an upward movement in its share of total income from 1929 through 1942.

Thus, comparative stability and a declining trend relative to the Nation have characterized New England's income payments over the entire period 1929-45. These characteristics are attributable basically to the relative stability of factory pay rolls, stemming from the relative importance of nondurable manufactures; the small role of agriculture; and the comparatively large reliance on property income, a type of income of sharply declining importance. Addition-

al contributing factors during the war period were the comparatively small volume of military payments flowing into the region and the relative stability of income payments by trade, service, and contract construction establishments.

#### Middle Eastern States

In both the prewar and war periods the Middle East received a declining share of the country's total income payments. The prewar decline was not appreciable. It centered in New York and Pennsylvania, which receive about three-fourths of the region's income. Other States in the region received higher proportions of the Nation's income in 1940 than in 1929.

As in New England, the prewar relative decline was sharply accelerated during the war period. Every State in the region registered a less-than-average advance in total nonmilitary income from 1940 to the last quarter of 1945.

There are two major exceptions, however, to the generalization of steady relative declines throughout the war years for all Middle Eastern States. Income payments in Maryland increased at much larger-than-average rates from 1940 to 1943, chiefly through a four-fold expansion of wages and salaries paid out by war industries, consisting mainly of aircraft and shipbuilding establishments. Maryland's income share then declined, as war-industry pay rolls turned downward in 1944 and dropped disproportionately in 1945.

The second exception of note is New York's upturn in 1944 and 1945, when income in this State, for the first time

since 1938, increased by more-than-average proportions. This break with established trend resulted from the State's better-than-average experience in respect to numerous types of income, the most important of which in 1945 was the comparatively small drop in total factory pay rolls.

#### Southeastern States

From 1940 through the fourth quarter of 1945 income payments in every Southeastern State expanded at substantially higher rates than in the country as a whole. Growth of total income over this period was larger in the Southeast than in any other region.

Military payments were the most important element of this sharp differential growth of total income payments, although, as can be noted from comparison of the total and nonmilitary income distributions in table 3, they explain only a part of it. In all States of this region the expansion of total nonmilitary income payments from 1940 to the last quarter of 1945 exceeded the national average.

The Southeast's war-period improvement of its relative position is a continuation of prewar developments. Income payments in the Southeast in 1940 were 4 percent higher than in 1929, in contrast to the 10 percent decline for the rest of the country. This gain stemmed principally from growth of manufactures in the region. Factory pay rolls were up 12 percent over the 1929 level in the Southeast but off 7 percent, on the average, in the other six areas.

Table 2.—Income Payments to Individuals in Continental United States: 1940 and 1943-45 Annually and 1945 Quarterly, Seasonally Adjusted, at Annual Rates<sup>1</sup>

	[Billions of dollars]							
	1940	1943	1944	1945				Year
				First quarter	Second quarter	Third quarter	Fourth quarter	
"War" manufacturing pay rolls <sup>2</sup> .....	7.3	27.1	28.2	28.4	26.8	20.3	16.1	22.9
Agricultural income <sup>3</sup> .....	5.4	14.2	14.4	15.8	15.6	14.4	14.7	15.1
Pay of armed forces <sup>4</sup> .....	.4	5.5	5.0	4.3	4.1	4.3	4.0	4.2
Military allowances and allotments <sup>5</sup> .....		3.0	6.2	7.2	7.7	8.4	10.7	8.5
Federal civilian pay rolls <sup>6</sup> .....	1.7	6.9	7.3	7.3	7.3	7.2	6.3	7.0
Trade and service income <sup>7</sup> .....	18.2	25.6	28.3	29.9	29.5	30.6	32.4	30.6
Federal interest.....	1.1	2.2	3.0	3.7	4.0	4.3	4.5	4.1
Unemployment benefits <sup>8</sup> .....	.5	.1	.1	.1	.1	.4	1.6	.6
All other income.....	41.2	54.7	57.2	58.5	59.6	59.7	60.8	59.8
Total income payments.....	75.8	139.3	149.7	155.1	154.7	149.6	151.1	152.7
Total income payments to civilians <sup>9</sup> .....	75.5	133.8	144.6	150.8	150.5	145.3	147.1	148.5

<sup>1</sup> Detail will not necessarily add to totals because of rounding.

<sup>2</sup> "War" manufacturing industries include 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. Data are net of employee contributions under old age and survivors insurance and State unemployment compensation programs.

<sup>3</sup> Includes net income of farm operators (adjusted for change in inventories of crops and livestock), farm wages, and net rents to landlords living on farms.

<sup>4</sup> Net of allotments of pay to individuals and contributions to family-allowance payments.

<sup>5</sup> Include family-allowance payments, allotments of pay to individuals, and mustering-out payments.

<sup>6</sup> Include pay of employees in the Federal Executive Service in the continental United States.

<sup>7</sup> Includes wages and salaries (net of employee contributions to social insurance programs) and proprietors' income.

<sup>8</sup> Include State unemployment compensation benefits, railroad unemployment insurance benefits, and veterans' readjustment and self-employment allowances.

<sup>9</sup> Total income payments minus pay of armed forces.

Source: U. S. Department of Commerce.

Over the war period the Southeast's expansion of factory pay rolls continued to exceed the national average, despite the substantially lesser importance of war industry in this region than elsewhere. In the fourth quarter of last year total factory pay rolls were 115 percent higher than in 1940 in the Southeast, and 101 percent above the 1940 total in the country as a whole.

#### Southwestern States

All States of this region except Oklahoma received larger shares of total income payments in 1940 than in 1929, and all of them markedly improved their relative positions over the war period.

This improvement, however, did not begin until 1942. Government war spending generated a sharp upturn of income payments in all four Southwestern States in that year, following their uniformly less-than-average gains from 1939 to 1941.

As in the Southeast, military payments were an unusually important source of war-period income expansion for the Southwest. In the fourth quarter of 1945 they accounted for 15 percent of all income payments in the region. Drastic reduction of military payments from their record fourth-quarter volume, however, will not in itself eliminate the region's relative income gains achieved over the war period. Map 1 portrays the considerably larger-than-average expansions of total nonmilitary income in the Southwestern States from 1940 to the last quarter of 1945.

Comparison of changes in factory pay rolls from 1929 to 1940 indicates some progress by the Southwest toward industrialization in the prewar period. But over the war period there was a sweeping, spectacular expansion of war production in the area that left total factory pay rolls in the last quarter of 1945 1½ times above the 1940 total. In relative terms this was the greatest war-period growth of manufacturing pay rolls in the Nation.

#### Central States

Changes in income payments in the Central States have tended to approximate changes on a Nation-wide basis. From 1929 to 1940 income payments declined 8 percent in the United States and 11 percent in the Central States; from 1940 through 1945 income payments expanded 101 percent nationally and 97 percent in the region.

The tendency for the region to receive a relatively constant, if slightly declining, share of the Nation's total income payments is an interesting composite of differing State trends. These include,

Table 3.—Income Payments in the Fourth Quarter of 1945, Seasonally Adjusted, at Annual Rates, by States and Regions

State and region	Total income payments		Total income payments to civilians <sup>1</sup>		Total nonmilitary income payments <sup>2</sup>		Percent distribution of total nonmilitary income payments	
	Amount (millions)	Percent change from 1944	Amount (millions)	Percent change from 1944	Amount (millions)	Percent change from 1944	1940	Fourth quarter 1945
Continental United States.....	151,081	+1	147,178	+2	136,362	-2	100.00	100.00
New England.....	10,677	+1	10,484	+1	9,802	-2	8.09	7.19
Connecticut.....	2,533	-6	2,519	-5	2,375	-8	1.87	1.74
Maine.....	807	-5	800	-5	736	-9	.57	.54
Massachusetts.....	5,629	+4	5,503	+4	5,155	+1	4.38	3.78
New Hampshire.....	465	13	455	+14	416	+10	.35	.31
Rhode Island.....	918	-3	882	-3	820	-6	.67	.60
Vermont.....	325	+6	325	+6	300	+2	.25	.22
Middle East.....	43,069	+3	42,382	+4	39,665	+1	32.11	29.09
Delaware.....	386	-4	379	-3	358	-5	.32	.26
District of Columbia.....	1,642	+9	1,487	+7	1,420	+6	1.17	1.04
Maryland.....	2,409	-4	2,278	-4	2,126	-7	1.60	1.56
New Jersey.....	5,486	-4	5,347	-5	4,998	-8	4.15	3.67
New York.....	20,544	+7	20,389	+7	19,241	+5	15.62	14.11
Pennsylvania.....	11,110	+2	11,016	+2	10,202	-1	8.24	7.48
West Virginia.....	1,492	+10	1,486	+10	1,320	+5	1.01	.97
Southeast.....	21,568	+3	20,439	+6	18,010	+1	11.84	13.21
Alabama.....	1,943	+2	1,877	+4	1,621	-2	1.01	1.19
Arkansas.....	1,173	+7	1,127	+9	958	+3	.65	.70
Florida.....	2,303	+1	2,068	+8	1,890	+5	1.18	1.39
Georgia.....	2,322	-1	2,216	+4	1,950	-1	1.28	1.43
Kentucky.....	1,963	+8	1,892	+8	1,667	+3	1.15	1.22
Louisiana.....	1,878	-5	1,806	(3) -9	1,590	-5	1.12	1.17
Mississippi.....	1,180	+3	1,122	+9	932	+2	.59	.68
North Carolina.....	2,662	+7	2,512	+9	2,231	+5	1.49	1.64
South Carolina.....	1,256	+1	1,187	+5	1,025	(3) +5	.70	.75
Tennessee.....	2,304	+5	2,268	+6	2,003	+1	1.23	1.47
Virginia.....	2,584	+1	2,364	+3	2,143	-1	1.44	1.57
Southwest.....	8,997	-1	8,558	+2	7,640	-2	5.13	5.60
Arizona.....	570	+1	544	+6	491	+1	.31	.36
New Mexico.....	451	+7	407	+14	360	+10	.25	.26
Oklahoma.....	1,783	(3)	1,721	+3	1,522	-2	1.09	1.12
Texas.....	6,213	-2	5,886	+1	5,267	-4	3.48	3.86
Central.....	41,891	(3)	41,466	+1	38,808	-2	28.66	28.45
Illinois.....	10,532	+3	10,356	+3	9,749	+1	7.59	7.15
Indiana.....	3,823	-3	3,764	-4	3,509	-7	2.46	2.57
Iowa.....	2,541	+11	2,526	+11	2,356	+9	1.63	1.73
Michigan.....	6,395	-10	6,370	-10	5,977	-12	4.53	4.38
Minnesota.....	2,680	+11	2,671	+11	2,490	+8	1.88	1.83
Missouri.....	3,837	+7	3,770	+7	3,479	+4	2.53	2.55
Ohio.....	8,672	-3	8,624	-2	8,052	-5	5.89	5.90
Wisconsin.....	3,411	+3	3,385	+4	3,196	+1	2.15	2.34
Northwest.....	7,634	+4	7,428	+5	6,884	+2	4.43	5.05
Colorado.....	1,264	+12	1,212	+14	1,123	+11	.78	.82
Idaho.....	516	-1	499	+5	458	+1	.31	.34
Kansas.....	1,836	-5	1,784	-3	1,648	-6	1.00	1.21
Montana.....	558	+2	555	+2	514	-2	.42	.38
Nebraska.....	1,322	+4	1,290	+6	1,204	+3	.75	.88
North Dakota.....	606	+8	606	+8	562	+4	.31	.41
South Dakota.....	601	+16	588	+17	549	+14	.32	.40
Utah.....	646	+4	617	+3	570	(3)	.35	.42
Wyoming.....	285	+9	277	+13	256	+9	.19	.19
Far West.....	17,245	-5	16,421	-5	15,553	-7	9.74	11.41
California.....	12,776	-3	12,115	-3	11,490	-6	7.35	8.43
Nevada.....	196	-1	184	+5	173	+2	.12	.13
Oregon.....	1,469	-8	1,449	-8	1,353	-11	.84	.99
Washington.....	2,804	-11	2,673	-11	2,537	-13	1.43	1.86

<sup>1</sup> Total income payments minus pay of armed forces.

<sup>2</sup> Total income payments minus pay of armed forces, mustering-out payments, family-allowance payments, and allotments of pay to individuals by military personnel.

<sup>3</sup> Less than five-tenths of 1 percent.

Source: U. S. Department of Commerce.

for the period 1929-43, a pronounced downward trend in Illinois and steadily rising income shares for Michigan and Indiana. The volume of individual incomes in 1943 was one-third above the 1929 level in Illinois but two-thirds higher on a national basis.

Reversals of past relationships for these three States occurred in 1944 and 1945. These reversals centered in war manufacturing pay rolls, which in 1944 spurted in Illinois but were stable in Michigan and Indiana, and in 1945 showed a less-than-average decline in

Illinois but sizable drops in Michigan and Indiana.

Including both highly industrialized and primarily agricultural States, the Central region derived its war-period income expansion mainly from war industry and agriculture. Military payments were relatively less important in the Central States than in any other area in contributing to the advance in income payments. In this connection, it may be noted that, whereas the region's share of total income payments in the Nation declined slightly over the war years, its

share of total nonmilitary income was virtually the same in the fourth quarter of 1945 as in 1940.

#### Northwest Region

The larger-than-average wartime advance in total income by the Northwest contrasts with the relatively unfavorable experience of this area in the preceding decade. This region, therefore, furnishes exception to the generalization that 1940-45 movements in income were in accord with 1929-40 trends, and that the stimulus of wartime activity did not change the geographic distribution of income in a way contrary to prewar developments.

The varying fortunes of Northwestern agriculture are clearly reflected in changes in total income payments, which

in this region have been more irregular than in any other. Income payments in the Northwest in 1939 were 21 percent less than in 1929. This marked reduction—relatively larger than in any other region—centered in Kansas, Nebraska, North Dakota, and South Dakota. In these States net farm income, which plunged disproportionately from 1929 to 1933, had made only partial recovery from depression and drought and in 1939 was, on the average, less than half of 1929 levels.

From 1939 to 1941, however, farm income in the Northwest doubled, as compared with a 51 percent rise in the country as a whole. Offsetting the region's lag in nonagricultural income behind the Nation-wide upturn, the farm income

advance was responsible for its slightly more-than-average advance in total income payments.

In the 1941-43 period the volume of agricultural income in the Northwest again doubled and was the main impetus to the region's record expansion of nearly three-fourths in total income payments.

In 1944 farmers' net income in the Northwest actually declined. Although continued expansion of nonagricultural income offset this drop, the region's 1943-44 rise in total income payments was the smallest in the country.

The Northwest's increase in total income from 1944 to 1945, though only 4 percent, was somewhat larger than in any other area. It was directly the product of an 8 percent advance in net in-

Table 4.—Per Capita Income Payments by States and Regions, 1929-45<sup>1</sup>

[Dollars]

State and region	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
Continental United States.....	680	596	500	380	368	420	460	531	561	509	539	575	693	862	1,040	1,133	1,150
New England.....	838	768	684	542	514	561	602	678	704	640	680	725	866	1,044	1,210	1,285	1,288
Connecticut.....	918	830	725	558	540	605	659	758	808	710	764	827	1,059	1,305	1,479	1,513	1,449
Maine.....	566	540	473	367	364	394	428	480	490	450	474	509	602	806	1,036	1,079	1,051
Massachusetts.....	897	825	738	594	553	597	634	713	737	677	719	766	883	1,034	1,200	1,291	1,321
New Hampshire.....	652	599	551	422	420	478	502	544	562	531	548	546	629	720	808	893	971
Rhode Island.....	851	767	695	562	533	573	626	691	714	639	678	715	900	1,097	1,218	1,288	1,268
Vermont.....	601	542	476	369	351	397	439	501	493	454	483	521	613	734	868	982	1,023
Middle East.....	926	841	717	552	526	586	623	711	740	674	709	752	873	1,031	1,212	1,336	1,370
Delaware.....	919	762	687	522	513	586	634	750	795	682	771	896	1,023	1,133	1,323	1,408	1,381
District of Columbia.....	1,191	1,179	1,088	926	806	876	955	1,124	1,107	1,044	1,031	1,080	1,101	1,141	1,274	1,303	1,361
Maryland.....	703	651	577	460	441	493	524	597	635	594	634	713	851	1,064	1,214	1,241	1,212
New Jersey.....	947	869	751	586	535	589	630	712	750	699	746	803	912	1,093	1,291	1,416	1,373
New York.....	1,125	1,023	871	671	644	705	743	837	861	791	825	863	994	1,155	1,353	1,519	1,595
Pennsylvania.....	767	688	576	429	414	474	510	594	629	553	589	628	751	903	1,071	1,176	1,199
West Virginia.....	464	393	336	261	265	326	342	402	417	369	378	398	477	587	699	791	839
Southeast.....	344	279	235	191	195	239	260	301	310	287	303	322	404	529	656	737	761
Alabama.....	305	232	191	155	154	197	213	253	256	233	242	268	359	482	602	677	700
Arkansas.....	305	211	177	153	152	180	204	246	249	236	246	252	332	448	519	617	654
Florida.....	484	431	363	287	272	325	360	423	445	418	442	471	531	684	879	950	996
Georgia.....	329	274	227	189	200	245	264	298	301	280	290	315	389	507	654	730	745
Kentucky.....	371	303	256	198	199	234	260	307	325	283	297	308	369	474	613	701	735
Louisiana.....	415	344	299	230	222	269	286	330	346	341	354	357	433	549	722	788	785
Mississippi.....	273	191	143	125	123	162	177	218	207	185	201	202	283	396	483	541	556
North Carolina.....	309	255	214	176	205	253	270	294	312	289	308	316	397	521	610	702	732
South Carolina.....	252	209	178	147	167	209	222	254	262	241	261	286	354	473	575	652	663
Tennessee.....	349	283	234	185	190	241	260	302	311	280	295	317	413	513	659	768	813
Virginia.....	422	367	326	276	266	316	347	393	405	380	402	450	565	738	833	888	903
Southwest.....	464	376	303	237	247	279	309	357	397	371	386	399	477	642	810	901	906
Arizona.....	573	475	382	271	263	322	355	425	482	436	461	473	562	787	865	890	918
New Mexico.....	383	322	265	192	196	240	272	330	353	322	341	356	415	558	694	759	812
Oklahoma.....	455	352	275	212	226	246	281	319	358	327	340	356	417	590	728	860	889
Texas.....	465	383	312	248	257	292	319	369	409	387	401	413	497	655	840	925	917
Central.....	720	612	503	369	355	411	469	546	589	521	565	605	745	914	1,122	1,204	1,217
Illinois.....	932	772	626	456	431	488	543	630	691	616	671	726	865	1,002	1,214	1,324	1,360
Indiana.....	583	491	405	296	351	392	468	508	449	495	541	705	879	1,098	1,157	1,152	1,152
Iowa.....	546	504	388	248	258	242	357	391	434	423	468	485	609	806	1,013	1,011	1,109
Michigan.....	745	608	503	382	348	455	524	606	659	535	591	649	790	982	1,259	1,308	1,212
Minnesota.....	566	515	433	320	307	346	403	473	500	474	497	509	589	759	915	968	1,061
Missouri.....	612	546	461	349	337	373	413	473	488	455	486	505	621	763	905	1,006	1,063
Ohio.....	748	638	532	388	386	453	507	598	646	554	603	643	815	998	1,207	1,301	1,289
Wisconsin.....	634	539	435	325	312	357	413	484	510	466	485	516	649	815	999	1,113	1,161
Northwest.....	534	487	384	262	265	304	354	409	438	402	418	454	564	822	992	1,048	1,101
Colorado.....	616	558	455	342	336	376	412	493	532	475	505	524	620	877	975	1,000	1,100
Idaho.....	518	455	336	241	242	304	338	406	444	406	411	440	543	854	961	1,008	1,054
Kansas.....	532	498	402	267	258	298	337	395	430	382	383	422	549	814	1,027	1,101	1,113
Montana.....	602	490	393	290	290	387	455	514	541	488	515	574	682	891	1,049	1,179	1,172
Nebraska.....	557	544	421	251	275	279	353	399	412	384	397	433	510	784	988	1,049	1,117
North Dakota.....	389	329	236	181	190	205	269	300	333	302	325	368	534	738	968	1,061	1,123
South Dakota.....	417	382	289	171	172	232	273	294	306	318	351	376	484	734	883	932	1,083
Utah.....	537	470	379	276	275	313	362	419	459	434	443	480	592	887	1,042	1,019	1,023
Wyoming.....	687	619	515	371	369	435	477	548	560	537	567	605	696	857	957	1,027	1,096
Far West.....	865	775	642	481	465	524	571	684	714	662	692	750	925	1,181	1,402	1,491	1,443
California.....	946	854	710	533	511	568	617	734	769	714	741	805	974	1,198	1,426	1,513	1,490
Nevada.....	817	761	660	479	447	535	614	699	733	645	767	836	912	1,441	1,418	1,244	1,243
Oregon.....	640	547	455	342	337	399	447	539	552	507	544	579	752	1,075	1,244	1,318	1,266
Washington.....	713	626	503	374	369	432	470	579	597	558	588	632	833	1,152	1,398	1,519	1,407

<sup>1</sup> 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 States, however, income was transferred from the State of recipients' employment to State of residence before computation of per capita income. These States are New York, New Jersey, District of Columbia, Maryland, and Virginia.

Source: U. S. Department of Commerce.

come of farm operators, which was the second largest in the Nation.

### Far West

Income payments in the Far West expanded 144 percent from 1940 to 1944, as compared with a 97 percent increase for the Nation. This record performance resulted from a tremendous spurt in factory pay rolls, largely in aircraft production and shipbuilding, as well as substantially more-than-average expansions of agricultural income, Government pay rolls, and net income of proprietors in nonagricultural pursuits.

As already noted, total income payments in the Far West in 1945 fell slightly

below the 1944 peak. And the fourth-quarter rate of total income was 5 percent below 1944. The latter decline represents, in the main, the balance between a drop of 2.2 billion dollars in war-industry pay rolls and a rise of 1.3 billions in mustering-out payments, unemployment benefits, and income payments in trade, service, and other nonagricultural industries. Although total factory pay rolls in the Far West were reduced by one-half from 1944 to the last quarter of 1945, they remained nearly two and one-half times as high as they were in 1940.

The Far West's rapid income rise over the war period was a continuation and

acceleration of the region's impressive relative gains over the period 1929-40. (See table 1.) Strides in industrialization contributed importantly to these gains. Total factory pay rolls in 1940 were 7 percent above 1929 in the Far West, but 6 percent below 1929 for the country as a whole.

### Per Capita Income

The broad shifts of total income payments from New England and the Middle East to the South and Far West over the period 1929-45 are in some degree the result of population shifts. The total population of the Southeast and of the

Table 5.—Differentials and Relative Changes in Per Capita Income Payments, by States and Regions

State and region	Per capita income payments to all individuals <sup>1</sup>						Per capita income payments to civilian population <sup>2</sup>				
	Percent of national per capita income				Percent change		Amount (dollars)		Percent of national per capita income 1945	Percent change, 1940 to 1945	
	1929	1940	1944	1945	1940 to 1945	1944 to 1945	1940	1945			
Continental United States.....	100	100	100	100	+100	+2	573	1,158	100	+102	
New England.....	123	126	113	112	+78	(3) -4	724	1,295	112	+79	
Connecticut.....	135	144	134	126	+75	-4	826	1,453	125	+76	
Maine.....	83	89	95	91	+107	-3	508	1,053	91	+107	
Massachusetts.....	132	133	114	115	+72	+2	765	1,330	115	+74	
New Hampshire.....	96	95	79	84	+78	+9	545	970	84	+78	
Rhode Island.....	125	124	114	110	+77	-2	711	1,286	111	+81	
Vermont.....	88	91	87	89	+96	+4	520	1,025	89	+97	
Middle East.....	136	131	118	119	+82	+3	751	1,376	119	+83	
Delaware.....	135	156	124	120	+54	-2	895	1,393	120	+56	
District of Columbia.....	175	188	115	118	+26	+4	1,058	1,332	115	+26	
Maryland.....	103	124	110	105	+70	-2	709	1,232	106	+74	
New Jersey.....	139	140	125	119	+71	-3	802	1,381	119	+72	
New York.....	165	150	134	139	+85	+5	862	1,604	139	+86	
Pennsylvania.....	113	109	104	104	+91	+2	628	1,201	104	+91	
West Virginia.....	68	69	70	73	+111	+6	398	839	72	+111	
Southeast.....	51	56	65	66	+136	+3	319	755	55	+137	
Alabama.....	45	47	60	61	+161	+3	267	695	60	+166	
Arkansas.....	45	44	54	57	+160	+6	252	651	56	+158	
Florida.....	71	82	84	87	+111	+5	467	1,005	87	+115	
Georgia.....	48	55	64	65	+137	+2	311	739	64	+138	
Kentucky.....	55	54	62	64	+139	+5	306	733	63	+146	
Louisiana.....	61	62	70	68	+120	(3) -3	356	780	67	+119	
Mississippi.....	40	35	48	48	+175	+3	203	548	47	+176	
North Carolina.....	45	55	62	64	+132	+4	314	726	63	+131	
South Carolina.....	37	50	58	58	+132	+2	280	654	56	+134	
Tennessee.....	51	55	6	71	+156	+6	317	809	70	+157	
Virginia.....	62	78	78	79	+101	+2	441	904	78	+105	
Southwest.....	68	69	80	79	+127	+1	397	904	78	+128	
Arizona.....	84	82	79	80	+94	+3	471	915	79	+94	
New Mexico.....	56	62	67	71	+128	+7	356	796	69	+124	
Oklahoma.....	67	62	76	77	+150	+3	353	850	77	+152	
Texas.....	68	72	82	80	+122	-1	410	916	79	+122	
Central.....	106	105	106	106	+101	+1	605	1,220	105	+102	
Illinois.....	137	126	117	118	+87	+3	726	1,370	118	+88	
Indiana.....	86	84	102	100	+113	(3) +10	541	1,154	100	+113	
Iowa.....	80	84	89	96	+129	+7	485	1,110	96	+122	
Michigan.....	110	113	115	105	+87	-7	649	1,213	105	+87	
Minnesota.....	83	89	85	92	+108	+10	509	1,062	92	+109	
Missouri.....	90	88	89	92	+116	+6	505	1,067	92	+111	
Ohio.....	110	112	115	112	+100	-1	642	1,200	111	+101	
Wisconsin.....	93	90	98	101	+125	+4	516	1,162	100	+125	
Northwest.....	79	79	92	96	+143	+5	453	1,108	96	+145	
Colorado.....	91	91	88	96	+110	+10	522	1,110	96	+115	
Idaho.....	76	77	89	92	+140	+5	440	1,058	91	+146	
Kansas.....	78	73	97	97	+164	+1	421	1,123	97	+167	
Montana.....	89	100	104	102	+104	-1	574	1,172	101	+104	
Nebraska.....	82	75	93	97	+158	+6	431	1,120	97	+166	
North Dakota.....	57	64	94	98	+205	+6	370	1,133	97	+204	
South Dakota.....	61	65	82	94	+188	+16	376	1,091	94	+186	
Utah.....	79	83	90	83	+113	(3) -7	477	1,030	89	+116	
Wyoming.....	101	105	91	95	+81	+7	693	1,121	97	+86	
Far West.....	127	130	132	125	+92	-3	747	1,483	128	+99	
California.....	139	140	134	129	+84	-2	803	1,526	132	+90	
Nevada.....	120	145	110	108	+49	(3) -4	835	1,288	112	+55	
Oregon.....	94	101	116	110	+119	-4	578	1,272	110	+124	
Washington.....	105	110	134	122	+123	-7	626	1,447	125	+131	

<sup>1</sup> Computed from data shown in table 4.

<sup>2</sup> Data exclude pay of armed forces but include mustering-out payments, family-allowance payments, and allotments of pay by military personnel to individuals.

<sup>3</sup> Less than five-tenths of 1 percent.

Source: U. S. Department of Commerce.

Southwest increased approximately one-eighth over this period, whereas population in the Far West expanded by one-half. These gains are in contrast to the 3 percent and 4 percent increases, respectively, in New England and the Middle East.

During the 1940-45 war period, population expansion accompanied the upward sweep of total income in the two Southern regions and the Far West. But in New England and the Middle East, areas of less-than-average income gains, population actually declined. The agricultural Northwest is exceptional to the general pattern of fairly direct relationship between relative income and population changes over the war years. There a relatively large gain in total income was accompanied by a decline in population.

With the exception of the Northwest, then, adjustment of total income for population changes, as shown by the per capita data in table 5, serves to reduce geographic differences in the 1940-45 rates of increase in total income. Particularly noteworthy, in view of its considerably above-average advance in total income from 1940 to 1945, is that California's percentage rise in per capita income was less than the national average.

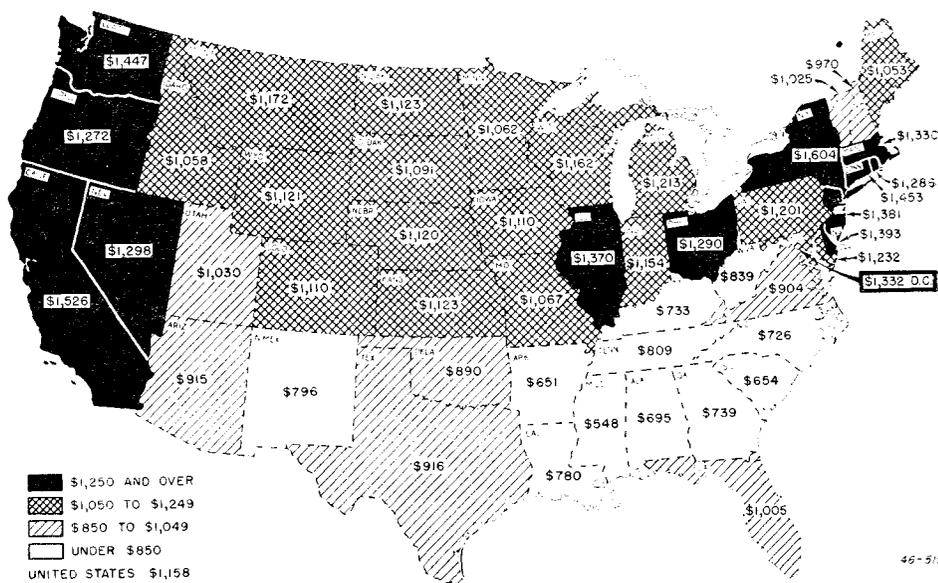
#### Narrowing of Differentials

A principal fact revealed by analysis of the estimates of per capita income (see table 5) is that wartime developments effected a relative, if not absolute, narrowing of the wide differences among States and regions in respect to size of per capita income. This partial reduction of geographic inequality is demonstrated clearly by changes from 1940 to 1945 in the relationships of regional per capita incomes to national per capita income. In the high-income regions of New England and the Middle East per capita income declined appreciably as a percentage of the national average. But in the low-income regions—Southeast, Southwest, and Northwest—per capita income advanced by much larger-than-average proportions.

Of the 17 States having per capita incomes higher than the Nation's in 1940, 14 registered 1940-45 gains that fell short of that for the country as a whole. Conversely, of the 32 States with per capita incomes below the Nation's in 1940, 28 scored war-period gains exceeding the Nation-wide average.

The permanency of this wartime tendency toward reduction of inequality cannot yet be gaged, but a relevant consideration is that it is an acceleration of prewar developments. Also of considerable relevance is that nearly all of the

Map 2.—Per Capita Income of the Civilian Population, 1945<sup>1</sup>



<sup>1</sup> Data include mustering-out payments, family-allowance payments, and allotments of pay to individuals by military personnel.

Source of data: U. S. Department of Commerce.

Nation's low-income States place unusually heavy dependence upon agriculture as a source of income. In many of them, notably Kentucky, North Carolina, and the important farm States in the Northwestern and Central areas, agriculture was the main impetus to larger-than-average income expansion over the war years.

For the low-income group of States, maintenance of relative income gains achieved over the war period will depend in large measure upon continued prosperity and full employment, and a concomitant steady, high demand for farm products. This is essential, especially in view of the sensitivity of farm prices and income to changes in general business activity.

Finally, account should be taken that part of the narrowing of per capita differentials during the war is attributable to heavy flows of military payments into the Southern States. This element of relative gain will be nearly eliminated as such payments dwindle to a fraction of their 1945 volume.

#### Per Capita Civilian Income

Per capita income payments to all individuals reflect the average incomes of both the civilian population and of military personnel stationed in each State. Considerable interest attaches also to estimates of the per capita incomes of civilians only.

Map 2 shows per capita civilian incomes for 1945, which in most States were at peak levels. In all parts of the

country last year the per capita income of the civilian population approximated or bettered wartime highs. In Washington and Michigan, where the effect of contracted war production on individual incomes was most severe, the average income of civilians was only 7 percent less than in 1944.

This map also portrays broad differences among the States in levels of average income, despite the tendency toward lessening of inequality over the war period. The range in 1945 was from \$548 in Mississippi to \$1,604 in New York. Most striking—though not surprising—is the concentration of lowest income States in the Southeast and Southwest. An array of States in respect to size of per capita income places all 15 Southern States among the 17 States in the Nation with the lowest averages.

As developed briefly in the State income article in the August 1945 issue of the SURVEY, geographic variation in industrial structure is a key explanation of these income differentials. In general, States with above-average per capita incomes have relatively large proportions of the labor force employed in manufacturing, mining, construction, and the distributive and service industries. Low-income States, on the other hand, typically place much larger emphasis on agriculture and domestic service as sources of income. Average incomes in nonagricultural pursuits are, of course generally much higher than in agriculture and domestic service. In the Southern States, an additional factor de-

pressing the general income average is the substantially lower-than-average level of farm income.

### Technical Notes

1. The State income estimates presented in this article include revisions, in the light of more complete data, of estimates previously published for 1943 and 1944. Estimates for the fourth quarter of 1945 are special compilations. Quarterly estimates have not been prepared for any other period. Further, income payments estimates are available only for the Nation and the States; they are not available for local areas.

2. "Income payments to individuals" is a measure of the income received by residents of each State from business establishments and governmental agencies. It comprises income received by individuals in the form of (1) wages and salaries, after deduction of employees' contributions to social security, railroad retirement, railroad unemployment insurance, and Government retirement programs; (2) proprietors' incomes, representing the net income of unincorporated establishments, including farms, before owners' withdrawals; (3) property income, including dividends, interest, and net rents and royalties; and (4) "other" income, which includes public assistance and other direct relief; labor income items such as work relief, Government retirement payments, veterans' pensions and benefits, workmen's compensation, and social insurance benefits; mustering-out payments to discharged servicemen; and family-allowance payments and voluntary allotments of pay to dependents of military personnel. Income payments are distributed among the States on a where-received basis (with exceptions noted below). Only payments made to residents are included in the estimates for the Continental United States and the individual States.

Income payments differ from national income by the inclusion of items—termed "transfer payments"—which do not represent returns for labor or capital services rendered currently, and by the exclusion of certain items which are not actual payments to individuals. Income payments not included in national income are public assistance and other direct relief, veterans' pensions, adjusted service benefits (the soldier's bonus), retirement payments by government, social insurance benefits, the Government's contribution to allowances paid to dependents of enlisted military personnel, and mustering-out payments. Items covered in national income but not in income payments include retained earnings of corporations and contributions by both employees and employers under social insurance legislation.

Additionally, national income includes the pay of Federal civilian and military personnel stationed outside the Continental United States, whereas the State income series excludes such pay with the exception of that part flowing into this country in the form of voluntary allotments of pay and contributions to family-allowance payments by military personnel to their dependents. This difference is present also between the State income payments series and the income

payments series prepared monthly and annually for the Nation. The latter is published in the SURVEY regularly as a monthly series and from time to time on a quarterly and annual basis in conjunction with the Department's estimates of national income and gross national product.

3. 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 States, however, income was transferred from the State of recipient's employment to State of residence before computation of per capita income. These States are New York, New Jersey, 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 noted above, it is assumed that State of employment is identical with State of residence.

For the years 1929-43 population data used in the derivation of per capita income are those of the Bureau of the Census of the Department of Commerce. For 1944 and 1945 population totals used are the sum of civilian population from the Bureau of the Census and military personnel, as compiled from monthly or quarterly data, from the War and Navy Departments.

4. Insofar as possible, data and procedures used in preparation of the State income es-

Table 6.—Pay Rolls in "War" Manufacturing Industries<sup>1</sup>

State and region	Amount (millions of dollars) <sup>2</sup>				Percent of total income			
	1940	1943	1944	Fourth quarter, 1945	1940	1943	1944	Fourth quarter, 1945
Continental United States.....	7,379	27,393	28,487	16,283	9.7	19.7	19.0	10.8
New England.....	735	2,605	2,540	1,553	12.0	25.6	23.9	14.5
Connecticut.....	344	1,106	1,065	647	24.3	42.0	39.6	25.5
Maine.....	14	162	141	45	3.2	19.1	16.5	5.6
Massachusetts.....	298	1,079	1,067	700	9.0	21.1	19.7	12.4
New Hampshire.....	7	23	25	23	2.6	6.2	6.1	4.9
Rhode Island.....	59	192	203	113	11.5	21.0	21.4	12.3
Vermont.....	13	43	39	25	7.0	15.1	12.7	7.7
Middle East.....	2,347	7,658	7,883	4,914	9.7	19.9	18.9	11.4
Delaware.....	41	110	117	73	17.2	29.6	29.3	18.9
District of Columbia.....	2	4	4	3	.2	.3	.3	.2
Maryland.....	135	654	597	302	11.0	27.4	23.8	12.5
New Jersey.....	535	1,736	1,824	1,023	17.0	32.6	31.8	18.6
New York.....	683	2,502	2,558	1,548	5.8	14.3	13.3	7.5
Pennsylvania.....	874	2,482	2,606	1,799	14.0	24.5	24.0	16.2
West Virginia.....	77	170	177	166	10.1	13.9	13.1	11.1
Southeast.....	318	1,541	1,785	897	3.5	8.0	8.5	4.2
Alabama.....	64	269	295	160	8.4	15.4	15.5	8.2
Arkansas.....	4	31	34	12	.8	3.2	3.1	1.0
Florida.....	11	181	195	49	1.2	8.7	8.5	2.1
Georgia.....	26	171	225	73	2.6	8.1	9.6	3.1
Kentucky.....	36	124	157	91	4.1	7.4	8.6	4.6
Louisiana.....	20	171	207	53	2.4	9.3	10.5	2.8
Mississippi.....	7	43	55	36	1.6	4.8	4.8	3.1
North Carolina.....	13	107	117	56	1.1	4.8	4.7	2.1
South Carolina.....	4	15	17	13	.7	1.3	1.4	1.0
Tennessee.....	63	223	281	219	6.8	11.4	12.8	9.5
Virginia.....	70	206	202	135	6.2	8.6	7.9	5.2
Southwest.....	79	736	853	340	2.0	8.8	9.4	3.8
Arizona.....	4	29	40	12	1.7	4.9	7.1	2.1
New Mexico.....	5	5	5	9	.5	1.3	1.2	2.1
Oklahoma.....	15	132	156	49	1.8	8.4	8.8	2.7
Texas.....	59	570	652	270	2.2	9.7	10.3	4.3
Central.....	3,486	10,917	11,468	7,138	16.1	27.8	27.5	17.0
Illinois.....	679	1,953	2,229	1,514	11.8	20.9	21.8	14.4
Indiana.....	374	1,227	1,284	732	20.1	32.9	32.5	19.1
Iowa.....	40	166	177	111	3.2	7.1	7.7	4.4
Michigan.....	1,068	3,185	3,185	1,792	31.2	46.6	45.0	28.0
Minnesota.....	47	274	274	164	3.3	11.6	11.3	6.1
Missouri.....	113	477	486	331	5.9	14.1	13.5	8.6
Ohio.....	938	2,907	3,041	1,957	21.1	35.0	34.2	22.6
Wisconsin.....	227	728	792	537	14.0	24.2	24.0	15.7
Northwest.....	55	457	473	178	1.6	6.4	6.4	2.3
Colorado.....	20	94	62	49	3.4	8.3	5.5	3.9
Idaho.....	( <sup>3</sup> )	1	3	3	.....	.2	.6	.6
Kansas.....	15	239	289	69	2.0	13.1	15.0	3.8
Montana.....	7	14	14	12	2.2	2.8	2.6	2.2
Nebraska.....	5	65	77	24	.9	5.4	6.1	1.8
North Dakota.....	( <sup>3</sup> )	1	1	1	.....	.2	.2	.2
South Dakota.....	( <sup>3</sup> )	1	2	2	.....	.2	.4	.3
Utah.....	8	42	25	17	3.0	6.4	4.0	2.6
Wyoming.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1	.....	.....	.....	.4
Far West.....	359	3,479	3,485	1,263	4.8	20.9	19.2	7.3
California.....	308	2,542	2,501	940	5.5	21.1	19.0	7.4
Nevada.....	( <sup>3</sup> )	22	15	3	.....	10.8	7.6	1.5
Oregon.....	11	323	314	96	1.7	21.0	19.6	6.5
Washington.....	40	592	655	224	3.6	20.8	20.9	8.0

<sup>1</sup> "War" manufacturing industries include 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.

<sup>2</sup> Data are gross of employee contributions to old age and survivors insurance and State unemployment compensation programs. Fourth quarter 1945 data are seasonally adjusted at annual rates.

<sup>3</sup> Less than \$500,000.

Source: U. S. Department of Commerce.

timates for the fourth quarter of 1945 paralleled those used in preparation of the annual estimates. The principal difference in methodology is that fourth-quarter estimates of wages and salaries in "covered" industries generally were based on ratios of fourth-quarter 1945 to year 1945 employment data (as compiled by the Social Security Board from reports of State unemployment compensation commissions), with adjustment of the added-State total to the independently derived national total. Reported unemployment compensation wage data could not be used directly in making the estimates because they include the important seasonal element of year-end bonuses.

An additional aspect of the quarterly estimates should be noted. The fourth-quarter national total (seasonally adjusted) of net income of farm operators was allocated among the States on the basis of the 1945 distribution. This procedure thus does not take account of State-by-State trend and

random differences between the quarter and the year. It was adopted, after considerable effort to derive a series based mainly on gross cash income after seasonal adjustment, because of the lack of essential quarterly data by States on inventory changes in crops and livestock, and because of the unusual difficulty of measuring on a State basis the seasonal element in farmers' cash receipts from marketings of crops and livestock.

5. The regional classifications used in this article 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. 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 two-thirds of all income, are among the types of income for which data are most complete and reliable. They are estimated by States in considerable industrial detail. For most industries they are derived from reports of the Bureau of the Census and of the Social Security Board. In the preparation of estimates for 1939 and subsequent years, heavy reliance has been placed on wage data compiled by the Social Security Board 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. The unemployment compensation wage data have been supplemented by

Table 7.—Total Income Payments to Individuals, by States and Regions, 1929–45<sup>1</sup>

(Millions of dollars)

State and region	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
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	115,301	139,285	149,660	152,704
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	8,908	10,159	10,624	10,744
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	2,329	2,632	2,688	2,608
Maine.....	449	432	381	298	297	323	353	398	408	377	400	431	505	667	847	853	830
Massachusetts.....	3,787	3,512	3,155	2,555	2,386	2,593	2,757	3,093	3,193	2,928	3,106	3,309	3,846	4,499	5,107	5,416	5,592
New Hampshire.....	302	279	259	199	200	228	241	262	272	258	268	269	309	348	373	411	446
Rhode Island.....	579	527	477	385	366	391	426	473	494	447	480	511	651	814	915	950	948
Vermont.....	216	195	172	133	127	143	158	180	177	193	174	187	219	251	285	306	320
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	33,079	38,446	41,671	43,036
Delaware.....	218	182	167	128	127	147	161	192	205	178	203	239	278	316	372	400	398
District of Columbia.....	638	644	619	549	495	556	631	763	792	781	813	905	1,040	1,251	1,447	1,509	1,617
Maryland.....	1,106	1,036	927	743	720	815	871	1,000	1,067	1,000	1,074	1,222	1,516	1,997	2,388	2,509	2,467
New Jersey.....	3,268	3,081	2,713	2,151	1,985	2,197	2,361	2,690	2,835	2,658	2,859	3,138	3,676	4,519	5,333	5,739	5,655
New York.....	14,479	13,346	11,435	8,840	8,509	9,369	9,941	11,246	11,635	10,759	11,301	11,530	13,384	15,132	17,542	19,280	20,308
Pennsylvania.....	7,338	6,683	5,580	4,172	4,027	4,627	4,989	5,818	6,174	5,438	5,819	6,225	7,404	8,783	10,137	10,878	11,134
West Virginia.....	793	682	5,990	4,624	4,74	588	623	739	773	689	714	760	905	1,081	1,227	1,356	1,457
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	15,421	19,201	21,051	21,703
Alabama.....	802	617	512	419	419	537	585	699	711	652	681	763	1,037	1,419	1,743	1,902	1,980
Arkansas.....	562	393	332	287	288	342	389	470	479	456	478	493	658	888	971	1,098	1,171
Florida.....	695	635	546	439	425	516	584	711	773	751	819	900	1,062	1,404	2,182	2,283	2,337
Georgia.....	956	798	667	560	596	735	800	907	920	863	901	986	1,241	1,632	2,110	2,336	2,369
Kentucky.....	964	794	679	530	534	636	713	847	902	793	839	880	1,042	1,322	1,675	1,826	1,916
Louisiana.....	862	725	640	497	487	595	641	748	792	739	828	847	1,066	1,400	1,846	1,967	1,931
Mississippi.....	544	385	292	256	256	339	373	463	442	399	436	444	630	881	1,079	1,147	1,159
North Carolina.....	966	812	690	576	677	845	915	1,006	1,077	1,011	1,096	1,131	1,436	1,859	2,218	2,484	2,575
South Carolina.....	438	365	314	261	299	378	406	468	485	451	493	545	703	954	1,122	1,245	1,265
Tennessee.....	905	743	622	498	516	661	721	846	880	801	853	927	1,221	1,508	1,951	2,202	2,353
Virginia.....	987	860	770	654	639	770	849	967	996	938	996	1,127	1,484	2,094	2,404	2,561	2,597
Southwest.....	4,153	3,428	2,788	2,199	2,299	2,623	2,924	3,402	3,804	3,583	3,756	3,908	4,734	6,421	8,391	9,078	9,095
Arizona.....	245	208	170	122	120	149	167	202	232	213	227	237	287	433	588	566	581
New Mexico.....	161	137	116	86	90	113	131	162	177	165	179	190	222	295	371	404	431
Oklahoma.....	1,079	844	659	507	537	583	666	753	841	767	796	829	956	1,305	1,579	1,781	1,820
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	4,388	5,853	6,327	6,263
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	32,886	39,327	41,763	42,610
Illinois.....	7,036	5,908	4,813	3,517	3,335	3,787	4,222	4,909	5,395	4,833	5,285	5,740	6,889	8,035	9,342	10,223	10,589
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	3,067	3,731	3,946	3,985
Iowa.....	1,348	1,248	965	619	644	606	696	882	1,092	1,008	1,185	1,233	1,527	1,956	2,349	2,287	2,516
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	5,432	6,829	7,080	6,672
Minnesota.....	1,443	1,325	1,125	839	812	921	1,083	1,281	1,362	1,304	1,378	1,424	1,626	2,022	2,360	2,426	2,666
Missouri.....	2,210	1,984	1,688	1,284	1,244	1,380	1,533	1,763	1,824	1,709	1,832	1,914	2,363	2,898	3,394	3,602	3,806
Ohio.....	4,920	4,251	3,564	2,610	2,601	3,006	3,447	4,072	4,406	3,794	4,154	4,448	5,646	6,933	8,314	8,901	8,925
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	2,543	3,008	3,298	3,451
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	5,832	7,104	7,365	7,676
Colorado.....	633	580	478	362	358	404	446	538	584	526	563	589	695	973	1,134	1,131	1,238
Idaho.....	230	204	153	112	115	146	165	201	223	207	213	232	278	408	478	521	512
Kansas.....	997	928	739	487	474	549	622	724	781	690	692	757	974	1,427	1,830	1,931	1,938
Montana.....	325	264	213	158	158	212	250	283	299	271	288	321	372	459	508	549	539
Nebraska.....	704	749	578	344	374	378	476	534	549	509	523	569	655	975	1,214	1,272	1,347
North Dakota.....	264	224	160	122	126	136	178	197	217	196	209	237	351	432	526	559	588
South Dakota.....	288	264	199	117	118	137	184	196	202	208	227	242	301	430	510	518	509
Utah.....	272	239	195	143	143	165	192	224	247	235	243	265	329	512	661	622	641
Wyoming.....	154	140	118	86	87	103	114	132	136	132	141	151	174	216	243	262	274
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	12,754	16,657	18,138	17,840
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	9,205	12,073	13,175	13,124
Nevada.....	74	70	62	46	43	53	62	72	77	69	84	92	107	196	203	198	196
Oregon.....	603	524	443	338	337	404	459	560	580	540	587	633	824	1,178	1,537	1,602	1,549
Washington.....	1,104	982	800	601	598	708	778	968	1,007	950	1,012	1,100	1,501	2,175	2,842	3,133	2,971

<sup>1</sup> For definition see notes to table 8 and section on "Technical Notes."

Source: U. S. Department of Commerce.

Table 8.—State Income Payments, by Type of Payment, 1943-45<sup>1</sup>

[Millions of dollars]

State	1943	1944	1945	State	1943	1944	1945	State	1943	1944	1945
United States, total <sup>2</sup> .....	139,285	149,660	152,704	Property income.....	150	163	177	North Dakota, total.....	526	559	588
Wages and salaries <sup>3</sup> .....	96,397	101,671	98,692	Other income.....	100	175	241	Wages and salaries.....	161	179	188
Proprietors' income <sup>4</sup> .....	23,420	24,050	25,394	Louisiana, total.....	1,846	1,967	1,931	Proprietors' income.....	317	318	322
Property income <sup>5</sup> .....	13,667	14,662	15,764	Wages and salaries.....	1,288	1,353	1,239	Property income.....	31	35	38
Other income <sup>6</sup> .....	5,801	9,277	12,854	Proprietors' income.....	323	300	306	Other income.....	17	27	40
Alabama, total.....	1,743	1,902	1,980	Property income.....	135	144	154	Ohio, total.....	8,314	8,901	8,925
Wages and salaries.....	1,179	1,217	1,184	Other income.....	100	170	232	Wages and salaries.....	6,114	6,423	6,123
Proprietors' income.....	361	391	416	Maine, total.....	847	853	830	Proprietors' income.....	1,012	1,049	1,114
Property income.....	103	110	118	Wages and salaries.....	610	606	553	Property income.....	875	934	1,010
Other income.....	100	184	262	Proprietors' income.....	134	117	120	Other income.....	313	495	678
Arizona, total.....	588	566	581	Property income.....	70	75	81	Oklahoma, total.....	1,579	1,781	1,820
Wages and salaries.....	410	381	365	Other income.....	33	55	76	Wages and salaries.....	969	1,025	994
Proprietors' income.....	117	101	114	Maryland, total.....	2,388	2,509	2,467	Proprietors' income.....	385	448	451
Property income.....	35	40	42	Wages and salaries.....	1,803	1,831	1,711	Property income.....	122	137	144
Other income.....	26	44	60	Proprietors' income.....	266	291	295	Other income.....	103	171	231
Arkansas, total.....	971	1,098	1,171	Property income.....	239	256	276	Oregon, total.....	1,537	1,602	1,549
Wages and salaries.....	513	536	573	Other income.....	80	131	185	Wages and salaries.....	1,109	1,123	1,025
Proprietors' income.....	326	364	350	Massachusetts, total.....	5,107	5,416	5,592	Proprietors' income.....	282	295	301
Property income.....	57	66	70	Wages and salaries.....	3,798	3,936	3,905	Property income.....	92	99	108
Other income.....	75	132	178	Proprietors' income.....	421	434	463	Other income.....	54	85	115
California, total.....	12,075	13,175	13,124	Property income.....	662	708	765	Pennsylvania, total.....	10,137	10,878	11,134
Wages and salaries.....	8,575	9,220	8,847	Other income.....	226	338	455	Wages and salaries.....	7,501	7,868	7,698
Proprietors' income.....	1,854	2,007	2,005	Michigan, total.....	6,829	7,080	6,672	Proprietors' income.....	1,091	1,135	1,193
Property income.....	1,217	1,310	1,407	Wages and salaries.....	5,401	5,455	4,782	Property income.....	1,132	1,211	1,308
Other income.....	429	638	865	Proprietors' income.....	746	782	812	Other income.....	413	664	935
Colorado, total.....	1,134	1,131	1,238	Property income.....	475	507	545	Rhode Island, total.....	915	950	948
Wages and salaries.....	680	660	692	Other income.....	207	336	533	Wages and salaries.....	700	705	668
Proprietors' income.....	255	235	275	Minnesota, total.....	2,360	2,426	2,666	Proprietors' income.....	66	68	70
Property income.....	133	141	153	Wages and salaries.....	1,266	1,363	1,403	Property income.....	113	121	130
Other income.....	66	95	118	Proprietors' income.....	780	678	801	Other income.....	36	56	80
Connecticut, total.....	2,632	2,688	2,608	Property income.....	202	217	236	South Carolina, total.....	1,122	1,245	1,265
Wages and salaries.....	1,987	1,969	1,799	Other income.....	112	168	226	Wages and salaries.....	792	811	781
Proprietors' income.....	187	191	194	Mississippi, total.....	1,079	1,147	1,159	Proprietors' income.....	200	243	246
Property income.....	388	413	440	Wages and salaries.....	588	557	506	Property income.....	64	71	74
Other income.....	70	115	175	Proprietors' income.....	354	381	388	Other income.....	66	120	164
Delaware, total.....	372	400	398	Property income.....	64	72	75	South Dakota, total.....	510	518	599
Wages and salaries.....	255	268	251	Other income.....	73	137	192	Wages and salaries.....	191	200	211
Proprietors' income.....	47	52	55	Missouri, total.....	3,394	3,602	3,806	Proprietors' income.....	269	252	307
Property income.....	60	63	68	Wages and salaries.....	2,138	2,249	2,285	Property income.....	31	36	40
Other income.....	10	17	24	Proprietors' income.....	772	745	799	Other income.....	19	30	41
District of Columbia, total.....	1,447	1,509	1,617	Property income.....	318	341	363	Tennessee, total.....	1,951	2,202	2,353
Wages and salaries.....	1,174	1,195	1,261	Other income.....	166	267	359	Wages and salaries.....	1,262	1,394	1,416
Proprietors' income.....	88	92	99	Montana, total.....	508	549	539	Proprietors' income.....	422	444	453
Property income.....	135	144	154	Wages and salaries.....	265	273	274	Property income.....	152	164	177
Other income.....	50	78	103	Proprietors' income.....	183	203	177	Other income.....	115	200	277
Florida, total.....	2,082	2,283	2,387	Property income.....	38	40	43	Texas, total.....	5,853	6,327	6,263
Wages and salaries.....	1,455	1,589	1,523	Other income.....	22	33	45	Wages and salaries.....	3,863	4,073	3,887
Proprietors' income.....	357	362	455	Nebraska, total.....	1,214	1,272	1,347	Proprietors' income.....	1,272	1,309	1,229
Property income.....	178	187	199	Wages and salaries.....	593	651	639	Property income.....	433	468	455
Other income.....	92	155	210	Proprietors' income.....	474	440	493	Other income.....	285	477	662
Georgia, total.....	2,110	2,336	2,369	Property income.....	101	109	118	Utah, total.....	661	622	641
Wages and salaries.....	1,440	1,551	1,461	Other income.....	46	72	97	Wages and salaries.....	467	417	411
Proprietors' income.....	413	429	466	Nevada, total.....	203	198	196	Proprietors' income.....	133	126	133
Property income.....	141	152	160	Wages and salaries.....	146	139	129	Property income.....	35	37	41
Other income.....	116	204	282	Proprietors' income.....	33	31	34	Other income.....	26	42	56
Idaho, total.....	478	521	512	Property income.....	18	19	20	Vermont, total.....	285	306	320
Wages and salaries.....	260	283	266	Other income.....	6	9	13	Wages and salaries.....	175	180	183
Proprietors' income.....	169	174	168	New Hampshire, total.....	373	411	446	Proprietors' income.....	56	62	61
Property income.....	31	34	37	Wages and salaries.....	255	274	289	Property income.....	42	45	49
Other income.....	18	30	41	Proprietors' income.....	45	49	53	Other income.....	12	19	27
Illinois, total.....	9,342	10,223	10,589	Property income.....	53	56	60	Virginia, total.....	2,404	2,561	2,597
Wages and salaries.....	6,526	7,157	7,118	Other income.....	20	32	44	Wages and salaries.....	1,774	1,797	1,738
Proprietors' income.....	1,431	1,432	1,552	New Jersey, total.....	5,333	5,739	5,655	Proprietors' income.....	357	410	429
Property income.....	1,012	1,071	1,149	Wages and salaries.....	4,182	4,417	4,138	Property income.....	177	185	198
Other income.....	373	563	770	Proprietors' income.....	462	486	500	Other income.....	96	169	232
Indiana, total.....	3,731	3,946	3,985	Property income.....	493	528	572	Washington, total.....	2,842	3,133	2,971
Wages and salaries.....	2,572	2,683	2,540	Other income.....	196	308	445	Wages and salaries.....	2,097	2,271	2,053
Proprietors' income.....	720	722	790	New Mexico, total.....	371	404	431	Proprietors' income.....	461	518	504
Property income.....	294	314	343	Wages and salaries.....	236	252	258	Property income.....	183	198	214
Other income.....	145	227	312	Proprietors' income.....	86	86	92	Other income.....	101	146	200
Iowa, total.....	2,349	2,287	2,516	Property income.....	28	30	32	West Virginia, total.....	1,227	1,356	1,457
Wages and salaries.....	950	1,022	1,047	Other income.....	21	36	49	Wages and salaries.....	900	965	999
Proprietors' income.....	1,114	912	1,056	New York, total.....	17,542	19,280	20,308	Proprietors' income.....	168	175	188
Property income.....	194	206	218	Wages and salaries.....	12,300	13,330	13,603	Property income.....	83	89	95
Other income.....	91	147	195	Proprietors' income.....	2,099	2,275	2,405	Other income.....	76	127	175
Kansas, total.....	1,830	1,931	1,938	Property income.....	2,440	2,614	2,833	Wisconsin, total.....	3,008	3,298	3,451
Wages and salaries.....	1,031	1,103	1,008	Other income.....	703	1,061	1,467	Wages and salaries.....	1,902	2,095	2,077
Proprietors' income.....	581	550	603	North Carolina, total.....	2,218	2,484	2,575	Proprietors' income.....	690	710	788
Property income.....	145	160	170	Wages and salaries.....	1,425	1,456	1,430	Property income.....	309	332	360
Other income.....	73	118	157	Proprietors' income.....	519	638	668	Other income.....	107	161	226
Kentucky, total.....	1,675	1,826	1,916	Property income.....	166	191	197	Wyoming, total.....	243	262	274
Wages and salaries.....	975	1,007	1,000	Other income.....	108	199	280	Wages and salaries.....	144	162	160
Proprietors' income.....	450	481	498				Proprietors' income.....	72	67	73	
							Property income.....	18	19	20	
							Other income.....	9	14	21	

<sup>1</sup> Comparable estimates for the years 1929, 1933, and 1939-42 were published in the August 1945 issue of the SURVEY OF CURRENT BUSINESS.

<sup>2</sup> Includes only payments to residents of the continental United States; excludes pay of Federal civilian employees and armed forces stationed outside the country with the exception of that part flowing into this country in the form of voluntary allotments of pay and contributions to family-allowance payments by military personnel to their dependents.

<sup>3</sup> After deduction of employees' contributions to Social Security, Railroad Retirement, Railroad Unemployment Insurance, and Government retirement programs. Pay of the armed forces, net of contributions to family-allowance payments and of allotments to individuals is allocated by States in terms of the State of duty.

<sup>4</sup> Represents the net income of unincorporated establishments, including farms, before owners' withdrawals.

<sup>5</sup> Includes dividends, interest, net rents and royalties.

<sup>6</sup> Includes public assistance and other direct relief; labor income items such as work relief, veterans' pensions and benefits, Government retirement payments, workman's compensation, and social insurance benefits; mustering-out payments to discharged servicemen; and family-allowance payments and allotments of pay to dependents of military personnel (allocated to State of dependents' residence).

special tabulations of the Social Security Board furnishing data on wages in the very small-sized firms excluded from unemployment insurance coverage by the varying size-of-firm provisions of the State laws. These tabulations were compiled from wage data filed by employers under the old age and survivors insurance program, which includes all-sized establishments within "covered" employment. Supplementation of the unemployment 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 1945 constituted three-fourths of all civilian wages and salaries and nearly 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; maritime industries; 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 War and Navy Departments.

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 non-farm 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 total net income of proprietors in non-agricultural 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 have been based for each industry on a relevant measure such as volume of sales or wage-and-salary payments.

National estimates of dividends, interest, and net rents and royalties are distributed by States primarily 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. The most important exception to this general procedure is the separate estimation of net rents received by farmer landlords, from data of 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, 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 Board as a product of its studies of social insurance and related payments.

The War and Navy Departments report disbursements for mustering-out payments and military allowances and allotments for the country as a whole; and, additionally, they supply requisite data for estimating the amounts of these disbursements received by residents of the various States. The War Department, for example, tabulated and reported the actual amounts of family-allowance payments received in each State during the month of June 1944; and the State distribution for this month was used to allocate by States the national total of family-allowance disbursements for the calendar year 1944.

## New or Revised Series

### Manufacturers' Orders, Shipments and Inventories: Revised Data for Specified Series for Pages S-2 and S-3<sup>1</sup>

[Average month 1939=100]

Industry group and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mo. avg.
<b>Machinery, including electrical:</b>													
<b>New orders:</b>													
1939	83	82	90	90	90	93	89	87	126	137	119	112	100
1940	102	108	104	107	113	133	135	150	203	209	172	225	147
1941	197	237	240	217	238	260	257	259	240	234	244	299	244
1942	333	443	420	400	487	498	355	420	340	356	289	234	381
1943	296	320	343	288	200	344	313	273	258	261	199	343	287
1944	415	251	255	293	295	295	250	265	303	288	302	437	305
1945	322	411	385	321	168	226	205	( <sup>2</sup> )	111	158	188	217	226
<b>Shipments:</b>													
1939	81	89	94	100	101	102	95	94	105	109	115	115	100
1940	102	111	117	125	129	132	123	126	139	135	142	162	129
1941	150	169	179	193	197	217	204	206	233	222	233	263	206
1942	234	266	277	282	300	300	308	311	325	336	352	395	307
1943	344	408	391	405	398	421	410	414	419	427	409	455	408
1944	399	433	431	456	425	449	439	424	435	446	425	468	436
1945	402	465	443	465	438	451	399	330	272	267	250	263	370
<b>Inventories:</b>													
1938													101.8
1939	100.7	101.1	102.1	101.0	99.6	98.3	97.3	96.9	97.0	98.8	102.4	108.0	100.3
1940	111.7	114.7	116.2	115.4	115.7	115.4	118.0	116.1	117.5	121.2	124.4	129.9	117.9
1941	135.1	139.7	144.5	149.4	155.5	159.1	164.9	170.9	174.2	183.4	190.1	195.6	163.5
1942	203.7	208.3	212.5	217.9	222.2	224.7	229.5	232.1	235.9	242.1	245.6	249.7	227.0
1943	252.1	254.6	259.0	262.8	263.6	261.8	260.4	262.1	263.5	261.7	264.0	252.4	259.8
1944	254.3	256.4	259.1	258.4	259.8	257.7	256.9	251.9	250.3	248.0	246.2	242.6	253.5
1945	246.3	244.6	248.7	248.8	247.4	244.3	239.6	237.3	235.1	230.3	229.9	218.3	239.2
<b>Nonferrous metals and products, inventories:</b>													
1938													95.8
1939	97.8	97.8	99.5	101.2	102.4	102.9	104.0	103.2	99.4	97.3	98.3	97.0	100.0
1940	97.7	100.3	100.6	100.8	101.7	103.8	105.7	106.6	106.8	107.1	106.7	106.5	103.7
1941	107.1	107.4	109.5	114.0	119.2	122.5	127.0	130.7	131.8	135.1	137.8	142.6	123.7
1942	148.0	148.7	147.5	151.1	152.4	152.1	153.3	156.5	156.5	152.6	152.3	151.9	151.9
<b>Other durable goods industries inventories:</b>													
1938													103.1
1939	105.0	105.0	104.7	102.1	99.6	97.7	97.3	96.0	93.8	95.8	99.2	104.4	106.7
1940	107.9	108.9	109.2	108.3	107.1	105.9	105.5	104.4	103.3	104.1	105.2	110.0	106.7
1941	112.1	113.5	115.1	115.0	114.9	115.4	118.7	119.7	121.0	122.9	126.9	132.7	119.0
1942	134.5	135.9	137.7	135.9	133.7	131.4	128.6	126.5	124.0	123.3	123.6	122.2	129.8

<sup>1</sup> Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Indexes for the machinery industry represent combined data for the separate series for "electrical machinery" and "other machinery" published in the special table on p. 23 of the July 1946 issue of the Survey and in the statistical section on pp. S-2 and S-3 prior to that issue. Data shown here for "nonferrous metals and their products" and "other durable goods industries" provide all unpublished figures for these series which were combined prior to the May 1943 issue of the Survey (see p. S-3 of the March 1944 and later issues for data beginning 1943).

<sup>2</sup> Value of orders canceled exceeded new orders received.

## Business Situation

(Continued from p. 10)

dent that in the case of a large number of industrial products prices were maintained by producers and distributors at or near ceiling levels.

However, there were a few substantial advances in this group. The prices of hides and skins, for example, were 63

percent higher in the fourth week of July than at the end of June.

### Retail Prices Advance Sharply

In some cases, the sharp price increases in primary and wholesale markets were almost immediately reflected at the retail or consumer level. Preliminary figures released by the Bureau of Labor Statistics indicate about a 30

percent increase in the retail cost of meat during the 30 days to July 15 and about a 20 percent rise in the prices of dairy products. For all foods combined, the price rise was 13 percent in the one-month period.

Retail prices of living essentials other than food products rose about 1 percent, according to the preliminary figures. Rents were not surveyed in July.

## New or Revised Series

### Employment and Pay Rolls in the Telegraph Industry: Revised Series for Pages S-11 and S-13<sup>1</sup>

(1939=100)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Monthly average
<b>Employment:</b>													
1937	114.6	114.2	114.4	114.8	115.4	116.6	117.1	116.0	114.1	112.6	111.2	109.1	114.2
1938	106.3	102.4	99.7	99.4	100.3	100.5	100.4	100.3	100.2	100.3	100.3	100.6	100.9
1939	99.2	97.6	98.3	98.8	99.3	100.8	101.7	101.5	101.6	100.9	99.9	100.4	100.0
1940	99.4	97.5	97.8	98.8	100.3	102.2	103.0	102.6	101.9	101.4	100.8	102.2	100.7
1941	103.0	102.7	104.0	105.1	107.0	109.8	112.5	114.1	114.4	113.6	111.8	111.9	109.2
1942	113.0	111.4	111.0	111.2	111.9	113.9	115.9	116.3	115.9	115.4	116.7	118.0	114.2
1943	119.6	119.9	121.1	122.6	124.2	126.4	128.2	129.2	128.2	126.9	125.9	124.0	124.7
<b>Pay rolls:</b>													
1937	105.3	109.7	109.2	110.5	111.1	114.8	113.4	108.9	110.4	106.0	106.0	111.0	109.7
1938	98.1	96.7	96.2	100.6	98.5	99.9	97.3	98.0	100.3	96.4	97.8	106.5	98.9
1939	95.7	96.2	97.1	97.9	101.0	102.3	99.9	100.9	103.9	98.3	99.5	107.2	100.0
1940	98.6	97.1	100.5	99.6	105.4	104.3	106.0	106.1	102.7	103.9	105.3	114.0	103.6
1941	106.3	107.0	107.6	115.1	117.6	119.0	122.8	122.0	123.2	121.0	116.2	133.1	117.6
1942	122.0	121.1	119.7	127.2	129.4	135.0	136.3	135.9	139.0	137.6	135.4	150.9	132.5
1943	145.4	147.9	150.6	156.1	156.4	158.2	164.8	164.5	164.3	165.2	167.5	170.8	159.3

<sup>1</sup> Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Employment and pay-roll data for the telegraph industry were formerly combined with the telephone industry and separate figures are available only beginning 1937. Indexes (on a 1929 base) back to 1929 for the two industries combined are on pp. 46 and 52 of the 1942 Supplement to the Survey. Data exclude messengers and approximately 6,000 employees of general and divisional headquarters and of cable companies. For data beginning January 1944 see pp. S-11 and S-12 of the March 1945 SURVEY and later issues.

### Cost of Living Up 5½ Percent

The June-July increase in the over-all consumers' price index is tentatively placed at 5½ percent. This is probably the largest monthly rise since the Bureau of Labor Statistics began collecting cost-of-living data in 1913. It may be noted, however, that the full amount of the recent increase may not have represented a net addition to the prices paid by some consumers, since trading at higher-than-ceiling prices was not generally reflected in the cost-of-living index for previous months.

Whether general retail prices will continue to reflect the substantial price increases in primary markets in July will depend in large part on the actions of the Decontrol Board and other control authorities with respect to the reimposition of ceilings on uncontrolled commodities.

### Cotton and Rayon Woven Goods Finished, Production: New Series for Page S-39<sup>1</sup>

(Thousands of linear yards)

Year and quarter	Total	Bleached and white finished	Plain dyed and finished	Printed and finished	Year and quarter	Total	Bleached and white finished	Plain dyed and finished	Printed and finished
<b>COTTON GOODS</b>					<b>RAYON GOODS</b>				
1939:					1939:				
Total	5,050,065	2,174,352	1,431,938	1,443,775	Total	1,252,710	(?)	2,972,956	279,754
Quarterly average	1,262,516	543,588	357,985	360,944	Quarterly average	313,178	(?)	2,243,239	69,939
1941:					1941:				
Total	6,519,520	3,054,821	2,112,435	1,352,264	1943:				
Quarterly average	1,629,880	763,705	528,109	338,066	January-March	434,662	39,792	297,204	97,666
1943:					April-June	410,785	54,413	206,815	89,557
January-March	1,960,655	990,078	638,628	331,949	July-September	378,985	57,287	242,405	79,293
April-June	1,906,228	959,968	634,659	311,601	October-December	406,892	67,287	247,570	92,035
July-September	1,784,187	875,857	605,804	302,526	Total	1,631,324	218,779	1,053,994	358,551
October-December	1,752,038	855,701	600,325	296,012	Quarterly average	407,831	54,695	263,499	89,638
Total	7,403,108	3,681,604	2,479,416	1,242,088	1944:				
Quarterly average	1,850,777	920,401	619,854	310,522	January-March	424,210	60,212	261,262	102,736
1944:					April-June	406,390	47,837	264,550	94,003
January-March	1,764,805	825,004	628,707	311,094	July-September	370,462	37,782	252,073	80,607
April-June	1,734,637	817,843	614,095	301,790	October-December	408,504	42,245	269,405	96,854
July-September	1,873,765	752,537	561,522	259,706	Total	1,609,566	188,076	1,047,290	374,200
October-December	1,656,394	789,062	582,113	296,012	Quarterly average	402,392	47,019	261,823	93,550
Total	6,729,601	3,184,446	2,387,337	1,157,818	1945:				
Quarterly average	1,682,400	796,112	596,834	289,455	January-March	412,450	50,533	274,757	87,169
1945:					April-June	397,045	54,547	263,466	79,032
January-March	1,730,355	825,860	595,262	309,233	July-September	350,609	48,609	232,870	69,040
April-June	1,733,131	822,022	617,322	293,787	October-December	380,194	43,541	259,718	76,935
July-September	1,428,370	723,360	458,746	246,264	Total	1,540,307	197,320	1,030,811	312,176
October-December	1,555,090	778,405	456,642	230,043	Quarterly average	385,077	49,330	257,703	78,044
Total	6,446,946	3,149,647	2,127,972	1,169,327					
Quarterly average	1,611,737	787,412	531,993	292,332					

<sup>1</sup> Compiled by the U. S. Department of Commerce, Bureau of the Census. Data for 1939 are from the Census of Manufactures for that year; later data are compiled from reports to the Civilian Production Administration (formerly the War Production Board). For 1941, only establishments which were primarily processors of cotton goods were canvassed; therefore complete data for rayon goods are not available for that year. Beginning 1943, data are reported by finishers who account for practically the entire output of the industry. Estimates are included for a few producers whose reports are not received regularly.

Rayon fabrics are defined as fabrics containing 51 percent or more rayon by weight. Rayon means synthetic yarns made by the viscose, cup ammonium, and cellulose acetate processes; for the purpose of this report, fabrics made from nylon and other synthetic fibers are included. Fabrics containing 25 percent or more wool are not included in the cotton goods series. The quarterly data cover 13-week periods.

<sup>2</sup> Bleached and white finished fabrics included with dyed and finished; data not collected separately.

Department Store Stocks, United States: Revised Series for Page S-9<sup>1</sup>

[1935-39=100]

Month	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
	WITHOUT ADJUSTMENT FOR SEASONAL VARIATION																										
January	88	116	106	107	112	121	123	126	125	124	119	105	91	72	81	79	82	94	92	88	94	100	132	141	144	144	138
February	92	128	111	114	122	130	130	134	133	133	131	125	109	94	74	86	84	88	103	97	95	103	108	151	136	154	147
March	98	140	118	124	133	143	142	146	144	143	140	135	117	100	76	91	91	95	113	104	103	110	117	170	144	159	153
April	99	146	122	124	136	145	144	147	146	144	142	137	118	99	77	94	93	97	117	105	104	111	120	186	143	160	165
May	99	143	119	119	134	140	139	142	141	139	139	133	116	96	77	93	92	96	115	104	102	110	122	198	146	162	173
June	95	139	115	114	127	131	133	135	132	130	130	125	108	90	76	87	85	90	108	96	96	101	118	197	147	160	175
July	98	137	114	111	123	127	129	128	128	127	126	117	102	81	76	82	80	86	104	91	93	96	121	196	156	160	175
August	109	143	120	116	131	131	136	133	134	132	131	118	104	80	85	85	85	92	109	95	98	102	134	199	171	175	182
September	124	156	131	126	144	143	148	146	147	142	141	128	114	87	99	93	95	104	120	104	108	114	152	197	178	178	184
October	131	159	135	130	150	152	154	155	156	153	153	137	121	98	107	99	103	112	125	110	117	123	171	195	177	182	185
November	134	151	135	134	153	151	157	158	159	157	158	140	121	96	107	103	106	116	127	114	123	127	173	185	173	174	179
December	117	119	113	113	126	131	130	130	128	127	127	114	98	77	85	83	86	95	99	91	96	102	136	144	143	134	136
Year	107	140	120	119	133	137	139	140	140	138	137	127	111	90	84	90	90	96	111	100	102	108	131	179	155	162	160
ADJUSTED FOR SEASONAL VARIATION																											
January	99	130	119	120	125	135	138	141	140	140	139	133	118	102	80	90	88	92	107	104	99	106	113	151	161	164	157
February	98	136	117	120	128	136	136	141	140	139	138	133	116	100	78	91	88	92	108	102	99	108	114	163	147	167	159
March	97	139	117	122	129	138	137	141	140	139	137	132	115	98	75	90	90	93	110	102	100	108	116	172	147	163	157
April	96	141	117	120	131	139	138	140	139	138	137	131	114	96	75	91	90	94	112	100	100	107	118	181	143	161	166
May	98	141	118	117	132	138	137	140	139	137	136	130	114	94	76	91	90	94	112	101	100	108	120	195	145	161	173
June	98	144	120	118	132	137	139	140	138	137	135	129	112	93	79	90	89	94	113	100	101	106	124	203	151	164	179
July	105	146	122	119	133	137	139	140	138	137	135	128	111	89	83	90	88	95	114	99	101	105	130	201	158	161	176
August	111	146	123	119	135	135	141	139	140	139	137	124	109	85	90	89	89	96	114	99	102	107	135	192	160	163	169
September	114	145	122	119	136	136	140	139	141	138	136	124	110	83	95	89	90	98	114	99	102	107	140	181	161	161	166
October	118	143	121	117	136	137	139	139	140	137	137	123	108	83	95	88	91	99	112	98	104	109	151	173	157	161	164
November	121	136	121	120	136	135	140	140	140	138	136	122	105	82	92	89	92	101	110	99	106	110	151	167	159	160	165
December	126	129	122	122	136	137	142	140	140	137	135	121	104	82	91	89	92	103	108	99	104	112	152	164	164	156	158

<sup>1</sup> Compiled by the Board of Governors of the Federal Reserve System. The index is computed by combining revised district indexes, compiled by the respective Federal Reserve Banks in cooperation with the Board of Governors, on the basis of the relative importance of the retail value of stocks in each district in the base period. The indexes are computed from end-of-month figures on retail value of stocks held in the store or warehouses as reported by a sample group of stores. The sample has been enlarged in each district. Reports are now received from around 900 stores including a representative number of retail outlets of mail-order companies which currently account for about 64 percent of estimated total department store stocks. In order to eliminate any biases which might arise from the use of a more or less constant sample of stores, the stock indexes have been tied to sales indexes which are adjusted to levels indicated by Census data. The indexes are adjusted for customary seasonal movements by the method described in the Federal Reserve Bulletin for June 1941. It was found that no special adjustment for the changing date of Easter was necessary as in the case of department store sales. A more detailed description of the indexes is published in the Federal Reserve Bulletin for June 1946. For 1946 data see p. S-9.

Retail Sales, January to April and Total 1945: Revisions for Pages S-7 and S-8<sup>1</sup>

Kind of business	January	February	March	April	Total <sup>2</sup>	Monthly average <sup>2</sup>	Kind of business	January	February	March	April	Total <sup>2</sup>	Monthly average <sup>2</sup>
<b>ALL RETAIL STORES</b>							<b>ALL RETAIL STORES--continued</b>						
Sales (millions of dollars), total	5,450	5,129	6,416	5,621	76,572	6,381	Index of sales (1935-39=100):						
Durable goods stores	748	699	870	859	11,498	958	Unadjusted, combined index	168.3	171.8	189.4	179.7	-----	198.0
Automotive group	239	219	259	244	2,356	280	Durable goods stores	98.0	94.4	104.8	110.8	-----	121.0
Motor vehicles	172	157	182	171	2,293	191	Nondurable goods stores	192.8	197.0	217.0	202.1	-----	223.1
Parts and accessories	67	62	77	73	1,063	89	Adjusted, combined index	193.3	193.9	196.4	180.6	-----	198.0
Building materials and hardware	266	239	319	336	4,182	349	Index eliminating price changes	140.1	140.7	142.7	131.0	-----	141.7
Building materials	164	142	179	192	2,508	209	Durable goods stores	112.6	113.1	115.5	111.2	-----	121.0
Farm implements	30	31	46	49	497	41	Automotive	59.1	59.9	60.7	58.7	-----	65.1
Hardware	72	66	94	95	1,177	98	Building materials and hardware	164.5	163.8	165.0	162.4	-----	170.9
Homefurnishings group	154	184	224	217	2,889	241	Housefurnishings	168.8	168.5	172.2	161.7	-----	181.2
Furniture and housefurnishings	140	139	174	172	2,221	185	Jewelry	304.0	315.2	345.6	320.3	-----	347.6
Household appliances and radio	44	45	50	45	668	59	Nondurable goods stores	219.6	220.2	222.7	203.2	-----	223.1
Jewelry stores	59	57	68	62	1,071	89	Apparel	258.1	273.7	260.9	211.7	-----	250.5
Nondurable goods stores	4,702	4,430	5,546	4,763	65,074	5,423	Drug	199.6	201.2	208.5	198.3	-----	209.8
Apparel group	512	489	763	507	7,685	640	Eating and drinking places	348.2	342.0	346.0	337.5	-----	357.5
Men's clothing and furnishings	110	102	160	109	1,806	151	Food	210.9	207.6	210.6	200.9	-----	215.9
Women's apparel and accessories	251	246	383	251	3,589	290	Filling stations	113.8	113.7	115.8	106.8	-----	121.2
Family and other apparel	71	68	103	69	1,093	91	General merchandise	184.8	191.5	196.8	166.0	-----	185.0
Shoes	80	73	117	79	1,197	100	Other retail stores	244.0	236.4	243.2	222.7	-----	248.3
Drug stores	227	217	246	226	3,023	252	<b>CHAIN STORES AND MAIL-ORDER HOUSES</b>						
Eating and drinking places	791	724	853	839	10,809	901	Sales (millions of dollars), total	1,168	1,109	1,440	1,179	16,296	1,358
Food group	1,526	1,442	1,676	1,506	20,192	1,683	Grocery and combination	376	352	401	348	4,769	397
Grocery and combination	1,173	1,097	1,265	1,136	15,328	1,277	Indexes of sales (1935-39=100):						
Other food	353	345	411	370	4,864	405	Unadjusted, combined index	156.9	159.8	180.8	163.5	-----	181.6
Filling stations	205	187	228	215	3,016	251	Adjusted, combined index	185.3	182.1	185.3	163.7	-----	181.1
General merchandise group	772	763	1,042	813	11,616	968	Grocery and combination	181.5	173.6	168.6	163.2	-----	181.1
Department, including mail order	487	487	684	511	7,428	619							
General, including general merchandise, with food	101	96	118	109	1,417	118							
Other general merchandise and dry goods	83	80	109	88	1,249	104							
Variety	100	101	130	105	1,520	127							
Other retail stores	689	609	739	656	8,735	728							
Feed and farm supply	165	157	212	202	2,379	198							
Fuel and ice	181	145	150	118	1,671	139							
Liquors	124	115	137	119	1,688	141							
Other	199	192	240	216	2,997	250							

<sup>1</sup> Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Revisions resulted largely from adjustment of the monthly estimates to sales tax data for 1945. Practically all series under all retail stores have been revised. Under chain store and mail-order houses, only the series for grocery and combination stores and the totals have been revised.

<sup>2</sup> Total and monthly average for the entire year. Revised figures beginning May 1945 are on pp. S-7 and S-8 of the July 1946 and the current issue.

# 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	1946	1945							1946				
	June	June	July	August	Sep-tember	Octo-ber	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May

## BUSINESS INDEXES

INCOME PAYMENTS †													
Indexes, adjusted:													
Total income payments..... 1935-39=100..	239.0	244.6	243.4	236.0	229.0	231.4	235.7	234.1	233.5	231.7	234.7	236.4	* 239.7
Salaries and wages..... do.....	241.7	266.3	265.5	254.9	243.4	239.5	238.5	236.1	231.1	227.8	235.1	239.0	* 240.6
Total nonagricultural income..... do.....	233.8	241.2	240.3	232.7	226.7	229.5	232.2	230.5	229.3	226.1	230.4	232.6	* 233.8
Total..... mil. of dol.	14,414	14,397	13,585	12,674	13,424	13,531	13,075	14,272	13,047	12,068	13,199	12,960	* 12,768
Salaries and wages:													
Total..... do.....	8,701	9,572	9,445	9,021	8,708	8,674	8,543	8,525	8,179	8,041	8,360	8,541	* 8,629
Commodity-producing industries..... do.....	3,606	3,831	3,746	3,423	3,106	3,048	3,044	3,046	2,938	2,917	3,222	3,318	* 3,425
Distributive industries..... do.....	2,150	1,859	1,886	1,862	1,890	1,928	1,966	2,073	2,018	2,021	2,075	2,168	* 2,228
Service industries..... do.....	1,492	1,292	1,314	1,298	1,296	1,316	1,363	1,391	1,396	1,431	1,476	1,495	* 1,476
Government..... do.....	1,453	2,590	2,499	2,438	2,416	2,382	2,170	2,015	1,827	1,672	1,587	1,560	* 1,500
Public assistance and other relief..... do.....	94	81	81	82	83	85	87	88	90	92	94	93	94
Dividends and interest..... do.....	2,263	1,853	955	495	1,383	870	535	2,056	1,122	525	1,386	992	558
Entrepreneurial income and net rents and royalties..... mil. of dol.	2,499	2,275	2,523	2,564	2,586	3,042	2,909	2,599	2,609	2,415	2,402	2,507	* 2,577
Other income payments..... do.....	857	616	581	572	664	860	1,001	1,004	1,047	995	957	927	* 910
Total nonagricultural income..... do.....	13,116	13,175	12,100	11,260	11,868	11,588	11,312	12,846	11,719	10,930	12,059	11,698	* 11,423
FARM MARKETINGS AND INCOME													
Farm marketings, volume:*													
Indexes, unadjusted:													
Total farm marketings..... 1935-39=100..	* 110	121	141	144	155	184	162	139	131	120	118	117	* 125
Crops..... do.....	* 95	87	144	156	181	224	171	137	135	107	97	78	* 96
Livestock and products..... do.....	* 122	147	139	135	135	154	155	140	129	130	134	146	* 145
Indexes, adjusted:													
Total farm marketings..... do.....	* 130	148	140	139	130	134	148	144	150	155	149	131	150
Crops..... do.....	* 150	159	142	135	122	123	152	143	170	162	164	119	189
Livestock and products..... do.....	* 115	139	139	142	135	139	146	144	135	150	138	140	* 136
Cash farm income, total, including Government pay-ments*..... mil. of dol.	1,537	1,551	1,905	1,870	1,977	2,533	2,250	1,802	1,648	1,355	1,426	1,569	1,657
Income from marketings*..... do.....	1,483	1,529	1,805	1,820	1,961	2,418	2,210	1,786	1,534	1,383	1,370	1,419	1,551
Indexes of cash income from marketings:†													
Crops and livestock, combined index:													
Unadjusted..... 1935-39=100..	223	230	272	274	295	364	333	268	231	208	206	214	236
Adjusted..... do.....	254	287	282	274	256	261	282	282	281	303	285	276	* 290
Crops..... do.....	374	331	330	310	293	299	325	321	351	300	348	362	411
Livestock and products..... do.....	224	255	250	249	231	236	253	250	235	238	243	259	* 249
Dairy products..... do.....	* 219	225	235	228	213	206	201	261	187	194	207	223	* 228
Meat animals..... do.....	* 209	261	241	234	211	223	260	252	235	317	258	284	* 256
Poultry and eggs..... do.....	281	307	317	341	330	310	345	345	330	278	281	281	294
PRODUCTION INDEXES													
Industrial Production—Federal Reserve Index													
Unadjusted, combined index†..... 1935-39=100..													
Manufactures†..... do.....	* 171	220	211	188	171	164	167	161	156	145	164	163	150
Durable manufactures†..... do.....	* 176	234	223	196	177	171	173	167	160	* 150	170	174	166
Iron and steel..... do.....	* 193	308	292	240	196	187	192	184	164	* 136	182	* 190	172
Lumber and products†..... do.....	* 151	192	187	155	163	146	167	164	102	43	169	159	* 166
Furniture†..... do.....	* 137	121	116	113	104	94	95	86	99	110	120	129	131
Machinery†..... do.....	* 145	138	134	124	115	120	123	131	135	139	142	144	* 142
Nonferrous metals and products†..... do.....	* 133	113	107	108	98	82	81	63	80	95	108	122	126
Fabricating*..... do.....	* 241	393	371	310	230	232	231	232	217	* 188	* 207	225	* 230
Smelting and refining*..... do.....	* 137	219	196	165	139	144	148	147	151	139	141	132	* 130
Stone, clay, and glass products†..... do.....	* 109	234	202	162	135	143	148	150	155	144	148	141	139
Cement..... do.....	* 191	183	182	171	150	148	148	141	140	128	123	109	109
Clay products*..... do.....	* 146	166	168	165	166	167	162	159	163	174	184	* 187	* 184
Glass containers†..... do.....	* 102	102	110	112	123	122	122	168	107	113	125	145	135
Transportation equipment†..... do.....	* 236	221	230	227	247	242	237	227	242	247	251	243	* 228
Automobiles†..... do.....	* 236	572	535	465	273	238	252	217	220	199	* 209	* 245	* 239
Non-durable manufactures†..... do.....	* 166	207	188	142	105	120	137	95	167	98	* 114	* 162	* 162
Alcoholic beverages†..... do.....	* 161	173	167	159	161	158	158	154	157	162	161	160	* 159
Chemicals†..... do.....	* 162	162	175	199	214	201	201	188	198	211	162	164	157
Industrial chemicals*..... do.....	* 236	315	303	261	239	232	230	231	233	233	234	237	* 232
Leather and products†..... do.....	* 393	412	409	368	386	371	370	378	384	379	382	392	* 387
Leather tanning*..... do.....		126	107	107	118	113	117	111	117	137	134	* 130	126
Shoes..... do.....		116	103	97	110	108	113	113	115	136	119	114	105
		132	109	114	123	116	120	109	118	138	144	141	.....

\* Preliminary. † Revised.

\*New series. For a description of the indexes of the volume of farm marketings and figures for 1920-42, see pp. 23-32 of the April 1943 Survey; indexes since 1942 are from the Department of Agriculture. Data for 1913-41 for the dollar figures on cash farm income are shown on p. 28 of the May 1943 Survey; revised monthly averages beginning 1940 based on annual data are as follows (millions of dollars): Cash farm income, total including Government payments—1940, 759; 1941, 979; 1942, 1,335; 1943, 1,668; 1944, 1,753; income from marketings—1940, 695; 1941, 930; 1942, 1,276; 1943, 1,612; 1944, 1,686; the monthly figures have not as yet been adjusted to the revised totals. Data beginning 1939 for the new series under industrial production are shown on p. 18 of the December 1943 issue.

† Revised series. Data on income payments revised beginning January 1939; for figures for 1939-41, see p. 16 of the April 1944 Survey and for 1942-44, p. 20 of the May 1945 Survey. Revised data beginning 1913 for the indexes of cash income from farm marketings are shown on p. 28 of the May 1943 Survey. For revisions for the indicated series on industrial production, see table 12 on pp. 18-20 of the December 1943 issue.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	June	July	August	September	October	November	December	January	February	March	April	May

BUSINESS INDEXES—Continued

PRODUCTION INDEXES—Continued													
Industrial Production—Continued													
Unadjusted—Continued.													
Manufactures—Continued.													
Nondurable manufactures—Continued.													
Manufactured food products <sup>1</sup> ..... 1935-39=100..													
Dairy products <sup>†</sup> .....	p 137	150	157	151	166	153	151	149	143	144	138	138	135
Meat packing.....	p 187	p 209	p 212	p 185	p 155	p 120	p 100	p 84	p 75	p 85	p 101	p 134	p 160
Processed fruits and vegetables <sup>*</sup> .....	p 84	139	131	119	134	133	171	182	155	171	129	120	120
Paper and products <sup>†</sup> .....	p 112	107	174	165	242	165	118	108	53	88	84	92	92
Paper and pulp.....	p 145	142	134	131	144	143	142	134	153	141	148	146	142
Petroleum and coal products <sup>†</sup> .....	p 141	137	130	129	138	139	138	131	120	137	143	141	138
Coke.....	269	p 267	p 240	p 184	p 156	p 174	p 172	p 166	p 161	p 168	p 171	p 163	p 165
Petroleum refining <sup>†</sup> .....	163	165	153	152	116	148	154	116	91	151	113	73	73
Printing and publishing <sup>†</sup> .....	286	105	99	107	110	117	118	114	114	122	129	129	126
Rubber products <sup>†</sup> .....	p 129	222	218	143	172	191	192	205	215	216	221	219	215
Textiles and products <sup>†</sup> .....	p 165	150	132	134	144	141	146	143	151	159	162	161	164
Cotton consumption.....	152	144	123	123	138	128	133	125	138	146	147	144	149
Rayon deliveries.....	240	220	220	213	215	215	226	228	233	234	241	245	246
Wool textile production.....	144	117	127	142	147	150	149	153	171	173	171	169	174
Tobacco products.....	159	145	133	155	169	173	157	104	142	148	152	147	164
Minerals <sup>†</sup> .....	p 144	147	145	143	137	125	134	156	134	134	131	100	115
Fuelst <sup>†</sup> .....	150	148	146	139	126	143	137	120	146	149	145	108	123
Anthracite <sup>†</sup> .....	p 86	129	117	102	114	120	112	94	114	121	125	121	125
Bituminous coal <sup>†</sup> .....	p 156	153	146	144	148	110	159	142	159	160	168	10	60
Crude petroleum.....	p 154	151	153	152	138	133	141	139	144	147	138	144	148
Metals.....	p 105	129	125	124	123	116	80	61	60	49	48	51	66
Adjusted, combined index.....	p 170	220	210	186	167	162	168	163	160	152	168	165	159
Manufactures.....	p 175	233	222	194	173	168	173	169	163	154	173	176	167
Durable manufactures.....	p 192	308	292	239	194	186	191	185	166	139	183	191	177
Lumber and products.....	p 130	116	110	107	98	91	96	82	108	119	125	130	129
Lumber.....	p 122	104	98	98	89	76	83	72	95	108	117	123	123
Nonferrous metals.....	p 157	219	196	165	139	144	148	147	151	139	141	132	130
Stone, clay, and glass products.....	p 189	166	169	160	161	161	158	164	172	185	192	190	176
Cement.....	95	93	97	97	106	113	119	131	149	152	152	128	128
Clay products <sup>*</sup> .....	p 147	121	117	110	110	116	119	124	144	144	150	148	140
Glass containers.....	240	223	240	218	243	235	235	244	247	255	251	243	213
Nondurable manufactures.....	p 161	173	165	157	156	154	158	156	161	166	165	163	160
Alcoholic beverages.....	139	193	173	192	201	216	212	231	238	176	192	169	155
Chemicals.....	p 236	318	307	265	239	230	228	230	224	252	232	235	233
Leather and products.....	127	109	108	119	112	116	111	117	133	134	130	126	126
Leather tanning <sup>*</sup> .....	119	109	8	112	107	109	114	115	126	120	115	105	105
Manufactured food products.....	p 138	151	147	138	144	143	150	153	154	159	155	151	142
Dairy products.....	p 127	p 143	p 148	p 146	p 148	p 145	p 154	p 151	p 116	p 117	p 122	p 129	p 120
Meat packing.....	85	141	140	133	141	129	155	135	131	178	140	130	120
Processed fruits and vegetables <sup>*</sup> .....	p 145	139	134	101	109	128	128	138	143	140	153	151	142
Paper and products.....	p 145	142	135	131	143	143	142	134	133	140	148	146	142
Paper and pulp.....	146	137	131	129	138	159	138	132	130	136	143	141	138
Petroleum and coal products.....	269	p 267	p 240	p 184	p 156	p 174	p 172	p 166	p 161	p 168	p 163	p 165	.....
Petroleum refining.....	285	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and publishing.....	129	106	105	111	109	115	114	112	118	123	127	126	124
Textiles and products.....	p 165	150	132	134	144	141	146	143	151	159	162	161	164
Tobacco products.....	153	139	128	150	160	167	154	112	143	156	161	154	163
Minerals.....	p 141	144	143	140	134	124	138	153	141	141	138	104	115
Metals.....	p 86	109	109	105	106	109	109	108	108	95	93	81	68
Munitions Production													
Total munitions <sup>*</sup> ..... 1943=100.....	95	84	56	26	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aircraft <sup>*</sup> .....	99	85	53	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ships (work done) <sup>*</sup> .....	69	63	46	37	.....	.....	.....	.....	.....	.....	.....	.....	.....
Guns and fire control <sup>*</sup> .....	66	53	37	23	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ammunition <sup>*</sup> .....	127	108	59	11	.....	.....	.....	.....	.....	.....	.....	.....	.....
Combat and motor vehicles <sup>*</sup> .....	84	71	40	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication and electronic equipment <sup>*</sup> .....	109	94	37	16	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other equipment and supplies <sup>*</sup> .....	127	117	97	59	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manufacturers' Orders, Shipments, and Inventories													
New orders, index, total..... avg. month 1939=100.....	210	195	186	133	166	180	183	182	188	186	193	203	208
Durable goods industries.....	230	182	179	53	121	160	171	173	176	179	203	219	224
Iron and steel and their products.....	224	177	176	83	119	176	181	174	165	163	221	240	237
Machinery, including electrical.....	359	226	205	( )	111	158	188	217	215	235	240	269	296
Other durable goods.....	151	154	162	63	130	144	146	137	156	152	155	157	154
Nondurable goods industries.....	198	202	190	181	194	193	191	188	196	189	188	194	199
Shipments, index, total.....	209	268	247	222	210	204	202	197	184	183	197	206	207
Durable goods industries.....	213	356	320	262	216	205	200	199	169	153	183	203	207
Automobiles and equipment.....	140	270	247	182	118	102	119	94	88	81	98	134	142
Iron and steel and their products.....	182	262	238	198	194	182	184	191	140	92	174	186	178
Nonferrous metals and products.....	220	277	232	191	157	167	192	183	172	163	167	185	187
Machinery, including electrical.....	252	451	399	330	272	260	263	199	198	202	222	232	232
Transportation equipment (exc. autos).....	529	1,735	1,594	1,233	796	592	529	626	572	492	504	547	557
Other durable goods industries.....	207	232	214	199	190	197	178	161	176	188	199	211	223

\* Revised. † Preliminary. <sup>1</sup> Value of orders cancelled exceeded new orders received.  
 \*New series. Data beginning 1939 for the new series under industrial production are shown on pp. 18 and 19 of the December 1943 Survey. Indexes of munitions production have been revised to incorporate corrections in the basic data and weights changed to unit prices in 1945 instead of 1943, as formerly; except for this change in weighting, the description of the indexes published on p. 24 of the February 1945 Survey is applicable to the revised data; revised monthly averages for 1940-45 are shown on p. 32 of the February 1946 Survey; revisions in monthly data published prior to the January 1946 Survey will be published later.  
 † Revised series. For revisions for the indicated unadjusted indexes and all seasonally adjusted indexes shown above for the industrial production series, see table 12 on pp. 18-20 of the December 1943 issue. Seasonal adjustment factors for a number of industries included in the industrial production series shown in the Survey have been fixed at 100 beginning various months from January 1939 to July 1942; data for these industries are shown only in the unadjusted series as the "adjusted" indexes are the same as the unadjusted. The indexes of new orders were revised in the November 1945 Survey and the indexes of shipments were revised in the February and March 1945 issues; data for electrical machinery and other machinery, which were shown separately in the May 1946 and earlier issues of the Survey have been combined; data for 1939-44 for all series, except the combined indexes for machinery, are shown on p. 23 of the July 1946 Survey and combined indexes for machinery are on p. 22 of this issue.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1945								1946				
	June	June	July	August	Sep-tember	Octo-ber	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May
<b>BUSINESS INDEXES—Continued</b>													
<b>MANUFACTURERS' ORDERS, SHIPMENTS, AND INVENTORIES—Continued</b>													
Shipments—Continued.													
Nondurable goods industries... avg. month 1939=100.	205	207	196	194	206	205	204	166	195	204	206	208	* 208
Chemicals and allied products.....do.....	207	217	214	201	199	192	201	189	203	213	221	221	* 214
Food and kindred products.....do.....	206	217	221	213	241	236	230	218	218	225	216	* 213	* 209
Paper and allied products.....do.....	208	185	106	173	183	178	183	167	182	185	156	* 200	* 206
Products of petroleum and coal.....do.....	189	196	199	183	183	153	165	173	161	154	167	173	* 181
Rubber products.....do.....		333	274	255	200	260	212	292	229	242	260	282	
Textile-mill products.....do.....	207	188	154	165	167	167	165	166	178	187	195	197	* 208
Other nondurable goods industries.....do.....	202	192	177	184	197	208	207	189	184	199	203	208	* 206
Inventories:													
Index, total.....do.....	172.6	162.7	164.1	164.3	164.6	165.6	166.5	163.9	164.7	166.9	169.3	* 169.4	* 170.4
Durable goods industries.....do.....	188.9	188.7	187.3	184.9	184.7	181.7	177.4	170.5	171.2	174.3	180.6	181.6	* 184.0
Automobiles and equipment.....do.....	230.8	217.4	215.0	171.4	173.2	177.9	175.3	186.9	190.8	200.1	209.7	* 221.9	* 223.0
Iron and steel and their products.....do.....	124.4	118.8	121.2	122.5	123.3	123.0	124.0	* 119.6	118.0	120.2	122.3	* 120.0	* 119.6
Nonferrous metals and products*.....do.....	151.7	145.4	145.6	145.9	145.6	136.3	134.1	136.3	135.2	139.0	145.4	* 145.0	* 149.7
Machinery, including electrical.....do.....	251.3	244.3	239.6	237.3	235.1	230.3			222.6	226.2	235.8	* 240.5	* 245.4
Transportation equipment (except automobiles).....do.....													
avg. month 1939=100.	619.1	794.7	791.5	821.6	819.1	792.1	686.7	594.0	578.5	587.2	615.4	593.3	* 605.7
Other durable goods industries.....do.....	111.9	104.9	102.1	101.9	102.7	103.1	103.1	104.6	106.2	106.0	108.4	* 109.9	* 110.1
Nondurable goods.....do.....	158.4	139.9	143.7	145.7	147.1	151.5	157.0	158.0	159.0	160.5	159.4	* 158.7	* 158.5
Chemicals and allied products.....do.....	165.3	153.5	156.1	158.8	159.9	161.2	162.2	165.1	164.8	166.6	166.3	166.9	* 165.1
Food and kindred products.....do.....	148.3	143.7	154.6	156.1	158.0	164.5	177.1	177.1	169.7	166.6	161.3	* 157.4	* 153.7
Paper and allied products.....do.....	163.3	136.0	140.0	144.0	144.9	148.3	150.7	155.0	156.6	160.6	163.4	* 161.7	* 160.0
Petroleum refining.....do.....	117.6	107.3	108.8	110.8	109.1	111.7	113.6	111.7	111.4	112.4	114.0	* 114.1	* 115.7
Rubber products.....do.....		178.7	183.3	182.4	177.4	167.7	167.1	169.0	173.7	179.9	186.4	198.5	
Textile-mill products.....do.....	159.5	116.5	118.1	115.7	115.5	121.1	127.6	130.2	135.9	140.7	147.5	* 152.9	* 157.4
Other nondurable goods industries.....do.....	179.0	156.5	156.3	161.4	166.2	172.4	175.8	176.4	183.8	186.4	180.7	* 176.4	* 177.2
Estimated value of manufacturers' inventories*.....do.....	17,156	16,167	16,307	16,301	16,364	16,457	16,554	* 16,288	* 16,369	* 16,560	16,829	* 16,837	* 16,940

**BUSINESS POPULATION**

<b>OPERATING BUSINESSES AND BUSINESS TURN-OVER*</b>													
<i>(U. S. Department of Commerce)</i>													
Operating businesses, total, end of quarter... thousands.	3,665.6				3,134.1				2,234.8				
Contract construction.....do.....	166.4				176.4				189.1				
Manufacturing.....do.....	249.4				255.5				262.5				
Wholesale trade.....do.....	133.2				137.4				141.8				
Retail trade.....do.....	1,417.7				1,450.1				1,504.2				
Service industries.....do.....	591.7				602.6				619.8				
All other.....do.....	507.2				512.1				517.4				
New businesses, quarterly.....do.....	87.8				106.0				137.4				
Discontinued businesses, quarterly.....do.....	35.1				37.4				36.7				
Business transfers, quarterly.....do.....	84.4				83.2				82.1				
<b>INDUSTRIAL AND COMMERCIAL FAILURES</b>													
<i>(Dun and Bradstreet)</i>													
Grand total.....number.....	61	72	56	64	62	60	42	80	92	86	81	92	92
Commercial service.....do.....	5	9	5	16	3	7	5	12	13	8	5	13	13
Construction.....do.....	6	9	8	5	13	8	2	8	14	10	7	18	18
Manufacturing and mining.....do.....	19	19	21	24	24	21	23	35	29	41	34	41	41
Retail trade.....do.....	28	30	17	17	14	14	10	22	27	17	25	26	26
Wholesale trade.....do.....	4	5	5	2	8	10	2	3	9	10	10	4	4
Liabilities, grand total.....thous. of dol.	3,198	3,659	1,166	1,658	3,114	1,268	1,824	4,372	2,983	4,421	3,785	3,656	3,656
Commercial service.....do.....	134	82	217	424	344	60	372	2,279	748	902	40	60	60
Construction.....do.....	81	1,135	186	87	225	225	167	155	215	436	133	191	191
Manufacturing and mining.....do.....	2,420	1,665	595	780	2,194	721	1,141	1,677	874	2,285	2,734	2,066	2,066
Retail trade.....do.....	515	468	133	347	209	135	135	245	258	269	249	1,323	1,323
Wholesale trade.....do.....	48	309	35	20	142	127	79	16	888	529	629	16	16
<b>BUSINESS INCORPORATIONS</b>													
New incorporations (4 states).....number.....	4,388	1,659	1,631	1,817	2,072	2,861	3,010	3,507	5,621	4,191	4,774	4,843	4,634

**COMMODITY PRICES**

<b>PRICES RECEIVED BY FARMERS†</b>													
<i>U. S. Department of Agriculture:</i>													
Combined index.....1909-14=100.....	218	206	206	204	197	199	205	207	206	207	209	212	211
Crops.....do.....	223	210	207	202	191	196	203	206	207	213	215	220	215
Food grain.....do.....	200	178	169	167	167	175	178	179	180	185	185	185	198
Feed grain and hay.....do.....	195	162	161	158	157	160	161	162	164	166	171	171	188
Tobacco.....do.....	370	364	364	367	365	373	375	378	375	368	367	368	369
Cotton.....do.....	210	169	171	172	175	180	182	184	180	186	183	190	194
Fruit.....do.....	261	237	237	214	217	219	217	230	225	233	229	244	248
Truck crops.....do.....	185	269	244	240	159	181	235	223	249	275	283	262	177
Oil-bearing crops.....do.....	219	217	221	215	213	210	213	213	213	212	208	210	214
Livestock and products.....do.....	213	203	205	206	203	202	206	207	204	202	203	205	207
Meat animals.....do.....	230	216	215	212	207	202	203	204	206	214	219	225	226
Dairy products.....do.....	207	191	192	195	197	199	202	204	203	202	201	199	198
Poultry and eggs.....do.....	178	189	197	207	201	204	218	222	197	168	167	166	173

\* Revised. † Preliminary.

†Data for electrical machinery and other machinery, formerly shown separately, have been combined; data back to December 1938 for the combined index are on p. 22.

\*New series. Data for inventories of nonferrous metals and their products were included in the "other durable goods" index as shown in the Survey prior to May 1943 issue, revised figures for the latter series and the index for nonferrous metals beginning December 1938 are shown on p. 22. For the estimated values of manufacturers' inventories for 1938-42, see p. 7 of the June 1942 Survey and p. S-2 of the May 1943 issue. The series on operating businesses and business turn-over have been revised beginning 1940, see pp. 21-23 of the May 1946 issue for data prior to 1945.

†Revised series. The indexes of shipments were revised in the February and March 1945 issues; data for 1939-44 are on p. 23 of July 1946 Survey. The indexes of prices received by farmers are shown on a revised basis beginning in the March 1944 Survey; data back to 1913 will be published later. Data for July 15, 1946, are as follows: Total 244; crops, 240 food grain, 215; feed grain and hay, 244; tobacco, 369; cotton, 249; fruit, 249; truck crops, 163; oil-bearing crops, 242; livestock and products, 247; meat animals, 268; dairy, 245; poultry and eggs, 196. See note marked "\*" in regard to revision of the index of inventories of "other durable goods" industries.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	June	July	August	September	October	November	December	January	February	March	April	May
<b>COMMODITY PRICES—Continued</b>													
<b>COST OF LIVING</b>													
National Industrial Conference Board:†													
Combined index..... 1923=100.....	106.9	106.9	106.6	106.2	106.3	106.3	106.7	107.1			106.7		
Clothing..... do.....	94.7	94.6	94.6	94.6	94.6	94.9	94.9	94.9			94.8		
Food..... do.....	114.8	114.9	113.9	112.9	112.8	113.9	114.9	114.9			113.8		
Fuel and light..... do.....	96.3	97.3	97.5	97.4	97.4	97.4	96.9	97.1			97.4		
Housing..... do.....	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0			91.0		
Sundries..... do.....	115.5	115.3	115.4	115.3	115.4	115.4	115.5	115.7			115.9		
Consumers' price index (U. S. Dept. of Labor):‡													
Combined index..... 1935-39=100.....	133.3	129.0	129.4	129.3	128.9	128.9	129.3	129.9	129.9	129.6	130.2	131.1	131.7
Clothing..... do.....	157.2	145.4	145.9	146.4	148.2	148.5	148.7	149.4	149.7	150.5	153.1	154.5	155.7
Food..... do.....	145.6	141.1	141.7	140.9	139.4	139.3	140.1	141.4	141.0	139.6	140.1	141.7	142.6
Fuel, electricity, and ice..... do.....	110.5	110.0	111.2	111.4	110.7	110.5	110.1	110.3	110.8	111.0	110.5	110.4	110.3
Gas and electricity*..... do.....	92.1	95.2	95.2	95.2	95.2	94.8	94.0	94.0	93.8	93.8	92.9	92.6	92.2
Other fuels and ice*..... do.....	128.4	124.5	126.7	127.2	125.7	125.7	125.8	126.1	127.3	127.8	127.7	127.8	127.8
Housefurnishings..... do.....	156.1	145.8	145.6	146.0	146.8	146.9	147.6	148.3	148.8	149.7	150.2	152.0	153.7
Rent..... do.....	108.5	108.3	(1)	(1)	108.3	(1)	(1)	108.3	(1)	(1)	108.4	(1)	(1)
Miscellaneous..... do.....	127.9	124.0	124.3	124.5	124.6	124.7	124.6	124.8	125.4	125.6	125.9	126.7	127.2
<b>RETAIL PRICES</b>													
U. S. Department of Commerce:													
All commodities, index*..... 1935-39=100.....	147.7	142.1	142.4	142.2	142.0	141.8	142.2	143.1	143.1	142.9	143.7	144.8	145.7
U. S. Department of Labor indexes:													
Anthracite..... 1923-25=100.....		98.9	106.0	106.1	106.3	106.2	106.2	107.2	108.2	108.6	108.6	108.5	108.7
Bituminous coal..... do.....		107.1	107.2	107.4	107.4	107.5	107.5	107.6	108.6	108.6	108.6	108.6	108.6
Food, combined index..... 1935-39=100.....	145.6	141.1	141.7	140.9	139.4	139.3	140.1	141.4	141.0	139.6	140.1	141.7	142.6
Cereals and bakery products*..... do.....	122.1	109.1	109.1	109.1	109.1	109.1	109.1	109.2	109.4	109.8	110.3	113.2	115.2
Dairy products*..... do.....	147.8	133.4	133.4	133.4	133.4	133.3	135.9	136.2	136.4	136.6	137.0	137.4	138.6
Fruits and vegetables*..... do.....	183.5	192.6	191.8	183.5	172.5	172.5	172.3	177.3	180.8	181.1	183.4	185.9	185.7
Meats*..... do.....	134.0	131.6	131.6	131.8	131.6	131.0	131.0	131.2	131.4	131.3	131.3	132.8	133.5
Fairchild's index:													
Combined index..... Dec. 31, 1930=100.....	114.7	113.4	113.4	113.5	113.5	113.5	113.5	113.6	113.5	113.5	113.6	113.7	114.5
Apparel:													
Infants'..... do.....	168.1	168.2	168.2	168.1	168.1	168.1	168.1	168.1	168.0	168.1	168.2	168.1	168.1
Men's..... do.....	166.2	165.4	165.4	165.4	165.4	165.4	165.3	165.3	165.3	165.3	165.3	165.7	166.2
Women's..... do.....	115.0	113.5	113.7	113.8	113.9	113.9	113.8	113.8	113.8	113.7	113.7	113.7	114.7
Home furnishings..... do.....	117.2	118.6	115.5	115.6	115.7	115.7	115.7	115.7	115.7	115.7	115.9	116.2	117.0
Piece goods..... do.....	113.3	112.0	112.0	112.0	112.0	112.0	112.0	112.0	111.8	111.8	112.0	112.2	113.1
<b>WHOLESALE PRICES</b>													
U. S. Department of Labor indexes:													
Combined index (889 series)..... 1926=100.....	112.9	106.1	105.9	105.7	105.2	105.9	106.8	107.1	107.1	107.7	108.9	110.2	111.0
Economic classes:													
Manufactured products..... do.....	167.3	101.8	101.8	101.8	101.7	101.9	102.2	102.5	102.9	103.4	104.5	105.5	106.1
Raw materials..... do.....	123.3	118.2	117.5	116.3	114.8	116.6	118.0	119.2	118.3	118.9	120.5	122.2	123.6
Semimanufactured articles..... do.....	105.7	95.4	95.3	95.5	96.5	96.8	96.9	97.6	97.6	98.8	100.4	101.1	101.9
Farm products..... do.....	140.1	136.4	129.0	126.9	124.3	127.3	131.1	131.5	129.9	130.8	133.4	135.4	137.5
Grains..... do.....	151.8	130.2	128.6	126.4	126.6	130.2	132.9	133.2	133.8	133.9	136.7	137.0	145.1
Livestock and poultry..... do.....	137.4	134.4	133.3	130.7	128.5	130.5	131.8	129.6	131.5	132.7	133.5	135.1	134.9
Commodities other than farm products..... do.....	166.7	106.7	106.7	106.9	106.9	101.0	101.3	101.6	101.9	102.5	103.4	104.5	105.1
Food..... do.....	112.9	107.5	106.9	106.4	104.9	105.7	107.9	108.6	107.3	107.8	109.4	110.8	111.5
Cereal products..... do.....	101.7	95.5	95.3	95.1	95.1	95.3	95.3	95.7	95.8	96.1	96.2	98.4	100.3
Dairy products..... do.....	127.3	110.5	110.5	110.6	110.3	110.4	113.2	113.8	115.0	115.8	116.1	116.2	117.0
Fruits and vegetables..... do.....	136.1	134.7	130.3	124.3	117.5	116.3	123.8	128.7	127.5	133.1	138.2	140.6	146.6
Meats..... do.....	110.1	108.3	108.0	107.9	107.9	107.9	107.9	107.9	108.1	108.1	109.6	110.3	110.5
Commodities other than farm products and foods..... 1920=100.....	105.6	99.6	99.7	99.9	99.8	100.1	100.2	100.5	100.8	101.3	102.2	103.3	103.9
Building materials..... do.....	129.9	117.4	117.5	117.8	118.0	118.3	118.7	119.5	120.0	120.9	124.9	129.5	127.8
Brick and tile..... do.....	121.3	110.9	111.7	111.6	112.4	115.2	116.7	116.7	116.9	117.4	117.4	119.9	120.5
Cement..... do.....	102.6	99.4	99.4	99.4	99.6	99.9	100.1	100.5	101.1	101.5	102.3	102.4	102.6
Lumber..... do.....	175.0	154.9	155.1	155.3	155.0	155.2	155.5	157.8	158.5	160.1	167.6	171.4	172.5
Paint and paint materials..... do.....	108.6	106.3	106.1	107.3	107.6	107.6	107.7	107.8	107.8	107.8	107.8	108.0	108.2
Chemicals and allied products†..... do.....	96.4	95.0	95.3	95.3	95.3	95.5	95.7	96.1	96.0	95.9	96.0	96.1	96.5
Chemicals..... do.....	98.0	95.9	96.1	96.1	96.1	96.1	96.1	96.1	97.1	97.0	97.0	97.1	97.9
Drugs and pharmaceuticals†..... do.....	109.4	109.5	110.2	110.2	110.2	110.3	110.7	112.3	112.1	111.5	111.7	112.4	112.4
Fertilizer materials..... do.....	82.7	80.4	81.1	81.1	81.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
Oils and fats..... do.....	102.1	102.0	102.0	102.0	102.0	102.0	102.0	102.0	101.7	101.8	102.1	102.1	102.1
Fuel and lighting materials..... do.....	87.8	83.9	84.3	84.8	84.1	84.2	84.6	84.8	84.9	85.1	85.0	86.1	86.1
Electricity..... do.....		59.6	60.3	61.5	65.5	66.7	68.0	68.7	69.2	71.3	68.3	66.6	
Gas..... do.....		78.0	77.8	78.0	80.2	79.8	79.1	77.7	77.4	79.1	79.6	79.7	80.2
Petroleum products..... do.....	64.0	64.2	64.2	64.2	62.6	62.1	61.7	61.6	61.5	61.6	61.2	62.8	63.5
Hides and leather products..... do.....	122.4	118.0	118.0	118.0	118.7	118.6	118.8	118.9	119.4	119.6	119.8	119.8	120.4
Hides and skins..... do.....	121.5	117.3	117.6	117.8	118.1	117.6	117.6	117.6	117.6	117.6	117.6	117.6	120.7
Leather..... do.....	110.7	101.3	101.3	101.3	103.8	103.8	103.8	104.1	103.8	103.9	104.0	104.0	104.0
Shoes..... do.....	129.5	126.3	126.3	126.3	126.3	126.3	126.7	126.9	127.9	128.2	128.6	128.6	128.9
Housefurnishing goods..... do.....	110.4	104.5	104.5	104.5	104.6	104.7	104.7	104.7	106.2	106.5	106.9	107.5	108.3
Furnishings..... do.....	114.5	107.5	107.5	107.5	107.7	107.9	107.9	107.9	109.7	110.1	110.9	112.1	113.4
Furniture..... do.....	106.1	101.5	101.5	101.5	101.5	101.6	101.6	101.6	102.8	102.9	102.9	102.9	102.9
Metals and metal products..... do.....	112.2	104.7	104.7	104.7	104.9	105.0	105.2	105.6	105.7	106.6	108.4	108.8	109.4
Iron and steel..... do.....	110.1	99.1	99.1	99.1	99.6	99.8	100.2	101.0	101.2	103.3	107.0	107.4	107.8
Metals, nonferrous..... do.....	99.2	85.9	85.9	85.8	85.7	85.7	85.8	85.8	85.7	85.7	86.1	87.1	89.0
Plumbing and heating equipment..... do.....	106.0	92.6	92.6	93.4	95.0	95.0	95.0	95.0	95.0	95.1	95.1	100.8	100.8
Textile products..... do.....	169.2	99.6	99.6	99.6	100.1	101.0	101.1	101.4	101.6	102.2	104.7	107.9	108.8
Clothing..... do.....	120.3	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	109.4	109.5	117.4	119.6
Cotton goods..... do.....	139.4	119.7	119.7	119.7	121.3	125.0	125.1	125.5	125.6	125.8	132.9	137.6	138.6
Hosiery and underwear..... do.....	78.8	71.5	71.5	71.5	71.5	71.5	71.5	73.5	75.2	75.3	75.5	75.5	75.7
Rayon..... do.....													

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	July	August	September	October	November	December	January	February	March	April	May	

COMMODITY PRICES—Continued

PURCHASING POWER OF THE DOLLAR												
As measured by—												
Wholesale prices.....1935-39=100..	71.3	75.9	75.9	76.1	76.5	75.9	75.3	75.1	75.1	74.7	73.8	73.0
Consumers' prices.....do.....	75.6	77.5	77.3	77.3	77.6	77.6	77.3	77.0	77.0	77.2	76.8	76.3
Retail food prices.....do.....	68.6	70.8	70.5	70.9	71.6	71.7	71.3	70.6	70.8	71.5	71.3	70.5
Prices received by farmers†.....do.....	48.9	51.6	51.6	52.1	54.1	53.5	51.9	51.4	51.6	51.4	50.9	50.2

CONSTRUCTION AND REAL ESTATE

CONSTRUCTION ACTIVITY*												
New construction, total.....mil. of dol..	916	410	421	435	407	424	438	443	477	512	604	709
Private, total.....do.....	741	201	226	243	256	270	309	348	389	434	505	589
Residential (nonfarm).....do.....	317	47	58	65	71	81	98	116	136	159	195	244
Nonresidential building, except farm and public utility, total.....mil. of dol..	314	75	80	87	98	113	138	162	191	216	237	263
Industrial.....do.....	145	50	53	58	63	70	80	91	102	112	118	125
Farm construction.....do.....	40	23	30	31	24	14	10	5	8	8	14	20
Public utility.....do.....	70	56	58	60	63	62	63	65	54	51	59	62
Public construction, total.....do.....	175	209	195	192	151	154	129	95	88	78	99	120
Residential.....do.....	17	9	7	7	3	3	2	2	2	3	5	8
Military and naval.....do.....	14	59	57	56	42	42	34	18	18	13	13	15
Nonresidential building, total.....do.....	21	89	76	66	41	41	31	26	25	21	24	22
Industrial.....do.....	6	73	60	49	22	20	12	10	9	7	8	6
Highway.....do.....	70	29	29	34	36	36	31	21	18	19	28	42
All other.....do.....	48	23	26	29	29	32	31	28	25	22	20	33
CONTRACT AWARDS, PERMITS, AND DWELLING UNITS PROVIDED												
Value of contracts awarded (F. R. indexes):												
Total, unadjusted.....1923-25=100..	263	59	61	65	70	78	83	86	87	117	148	194
Residential, unadjusted.....do.....	204	24	24	24	26	35	42	48	50	85	135	201
Total, adjusted.....do.....	176	50	54	61	69	83	94	108	107	136	147	170
Residential, adjusted.....do.....	185	22	23	24	26	36	44	56	61	95	129	172
Contract awards, 37 States (F. W. Dodge Corp.):												
Total projects.....number.....	38,265	12,751	12,289	11,416	12,004	13,342	15,481	14,298	15,332	16,772	42,573	52,733
Total valuation.....thous. of dol..	507,914	227,298	257,691	263,608	278,282	316,571	370,087	330,685	357,501	387,309	697,593	734,911
Public ownership.....do.....	214,534	81,717	108,447	67,452	43,346	60,554	60,819	61,821	46,715	56,449	146,404	127,016
Private ownership.....do.....	593,380	145,581	149,244	196,156	234,916	256,017	309,268	268,864	310,786	330,950	551,189	607,895
Nonresidential buildings:												
Projects.....number.....	4,357	4,224	4,089	4,113	4,731	5,012	5,332	4,450	4,700	4,648	7,416	4,769
Floor area.....thous. of sq. ft..	41,370	13,744	21,350	22,656	32,700	35,330	39,871	37,656	36,335	37,839	50,631	41,676
Valuation.....thous. of dol..	273,207	90,479	121,561	143,353	181,033	195,626	207,671	193,589	217,587	220,598	278,725	236,182
Residential buildings:												
Projects.....number.....	31,574	6,184	6,277	5,895	6,140	7,325	9,297	9,190	10,071	11,469	34,066	46,652
Floor area.....thous. of sq. ft..	51,533	7,716	8,385	7,613	8,587	11,754	15,911	17,115	18,572	18,423	49,198	65,530
Valuation.....thous. of dol..	332,248	41,779	46,273	42,711	42,580	59,886	88,374	86,134	89,715	102,079	275,241	370,590
Public works:												
Projects.....number.....	1,950	1,915	1,566	1,143	893	768	590	478	366	415	815	1,039
Valuation.....thous. of dol..	154,009	40,454	52,555	44,379	35,875	40,908	43,214	36,126	26,841	37,687	120,230	95,964
Utilities:												
Projects.....number.....	384	428	357	265	240	237	262	180	195	240	276	273
Valuation.....thous. of dol..	48,450	54,586	37,002	33,165	18,774	20,151	30,828	14,836	23,358	27,035	23,397	32,175
Indexes of building construction (based on building permits, U. S. Dept. of Labor):†												
Number of new dwelling units provided. 1935-39=100..	244.9	78.6	91.8	75.3	84.3	112.4	117.7	111.0	159.2	189.9	319.1	294.0
Permit valuation:												
Total building construction.....do.....	205.9	83.8	96.7	99.0	109.6	152.3	149.4	172.3	175.2	205.9	423.6	235.6
New residential buildings.....do.....	298.8	78.9	89.6	84.1	91.5	137.5	143.4	149.5	187.6	215.0	407.7	352.7
New nonresidential buildings.....do.....	134.3	68.6	83.3	88.6	99.3	142.6	141.7	195.4	159.7	190.8	444.3	140.7
Additions, alterations, and repairs.....do.....	182.5	159.4	147.1	159.1	176.6	210.8	181.9	163.8	187.9	224.9	406.5	218.5
Estimated number of new dwelling units in nonfarm areas (U. S. Dept. of Labor):												
Total nonfarm.....number.....	64,924	22,300	23,300	20,400	21,800	30,160	31,900	29,500	43,912	48,459	83,641	81,035
Urban, total.....do.....	42,469	13,626	15,913	13,059	14,655	19,855	20,567	20,036	30,725	33,479	56,002	53,860
Privately financed, total.....do.....	36,513	11,988	12,956	12,915	14,619	19,496	20,417	19,256	25,918	28,503	50,066	44,996
1-family dwellings.....do.....	31,263	10,437	10,464	11,206	12,567	16,582	17,421	15,494	21,786	24,072	41,785	39,000
2-family dwellings.....do.....	2,106	650	982	626	845	857	1,069	1,241	1,309	1,792	2,683	2,571
Multifamily dwellings.....do.....	3,144	1,001	1,710	1,063	207	2,057	1,927	2,521	2,823	2,639	5,598	3,425
Publicly financed, total.....do.....	5,956	1,638	2,957	144	0	334	450	780	4,807	4,976	5,936	8,864
Engineering construction:												
Contract awards (E. N. R.)§.....thous. of dol..	555,469	190,614	170,984	213,960	235,155	256,436	315,709	238,009	348,277	248,025	383,981	536,190
HIGHWAY CONSTRUCTION												
Concrete pavement contract awards:‡												
Total.....thous. of sq. yd..	4,586	2,092	4,187	1,981	1,187	1,563	2,071	2,130	1,641	1,819	2,906	3,903
Airports.....do.....	747	1,123	2,901	248	25	58	242	65	209	43	70	416
Roads.....do.....	2,735	562	554	703	734	1,087	1,121	1,829	946	1,475	2,211	2,519
Streets and alleys.....do.....	1,103	377	743	1,030	428	418	708	237	486	301	626	978

\* Preliminary. † Revised. ‡ Data for August and November 1945 and January and May 1946 are for 5 weeks; other months, 4 weeks.  
 ‡ Data published currently and in earlier issues of the Survey cover 4- and 5-week periods except that December figures include awards through Dec. 31 and January figures begin Jan. 1; beginning 1939 the weekly data are combined on the basis of weeks ended on Saturday within the months unless a week ends on the 1st and 2d of the month when it is included in figures for the preceding month (exceptions were made in the case of weeks ended Apr. 3, 1943, and Feb. 3, 1945, which were included in the preceding month).  
 § Revised 1942-43 data for urban dwelling units are available on request. Data for publicly financed units, shown separately beginning in the May 1946 issue of the Survey, were formerly included in the 1-family classification; they have not been reported by type of dwelling since April 1943 but have been almost entirely 1-family since that date. These data and the indexes of building construction above, based on permits issued or Federal contracts awarded during the month, prior to 1945, are considered a measure of construction started during the month; in recent months critical shortages of building materials and limiting orders have caused considerable delays in the start of construction, or, in some cases, abandonment of the work; the data since the beginning of 1945 should therefore be considered as volume of construction for which permits were issued or contracts awarded rather than volume started during the month.  
 ¶ New series. Estimates of total nonfarm dwelling units include data for urban dwelling units given above and data for rural nonfarm dwelling units which are not shown separately; monthly estimates are now available corresponding to the quarterly estimates shown in the November 1942 to October 1945 issues of the Survey; the monthly figures beginning January 1939 and annual totals for 1920-38 will be published later. The data on new construction activity since the beginning of 1944 are joint estimates of the U. S. Departments of Commerce and Labor; several of the component series have been revised recently, the revisions extending in some cases back to 1929; data beginning May 1945 were revised in the July 1946 Survey; monthly data for January 1939-April 1945 and annual estimates for 1915-38 are available upon request.  
 † Revised series. The index of purchasing power of the dollar based on prices received by farmers has been shown on a revised basis beginning in the April 1944 Survey. The indexes of building construction have been revised for January 1940 to October 1944; revisions are available on request; see also note marked "¶" concerning recent data.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1944				
	June	July	August	September	October	November	December	January	February	March	April	May	

CONSTRUCTION AND REAL ESTATE—Continued

CONSTRUCTION COST INDEXES													
Aberthaw (industrial building)..... 1914=100..	270	232			232					248		258	
American Appraisal Co.: Average, 30 cities..... 1913=100..	317	269	270	271	272	276	278	282	283	286	294	303	310
Atlanta..... do.....	337	275	276	276	279	285	287	292	293	303	314	325	332
New York..... do.....	324	271	271	272	272	275	275	280	280	281	298	313	318
San Francisco..... do.....	294	243	244	245	245	248	248	248	249	261	273	279	283
St. Louis..... do.....	309	259	266	268	270	275	275	278	278	280	288	296	300
Associated General Contractors (all types)..... do.....	252.0	229.4	230.0	230.0	231.0	232.5	233.0	239.0	241.0	245.0	247.0	247.0	249.0
E. H. Boeckh and Associates, Inc.: Apartments, hotels, and office buildings: Brick and concrete: Atlanta..... U. S. average, 1926-29=100..		123.6	123.6	123.6	124.8	124.8	125.1	127.4	130.4	133.6	131.3	133.2	133.5
New York..... do.....		156.6	156.4	157.1	157.9	159.2	159.4	169.8	169.8	172.1	172.9	177.4	177.9
San Francisco..... do.....		145.0	145.0	145.0	145.0	145.7	145.9	146.7	149.2	151.8	153.8	155.7	156.2
St. Louis..... do.....		147.6	147.6	147.6	149.1	149.6	149.9	150.8	150.8	151.1	152.7	154.3	159.9
Commercial and factory buildings: Brick and concrete: Atlanta..... do.....		123.0	123.0	123.0	124.2	124.2	124.4	127.3	128.9	129.3	129.5	131.0	131.2
New York..... do.....		158.1	157.9	158.6	159.4	160.6	160.7	170.4	170.4	172.9	173.5	179.3	179.7
San Francisco..... do.....		147.2	147.2	147.2	147.2	147.6	147.7	148.3	151.1	151.8	154.6	156.5	156.9
St. Louis..... do.....		149.8	149.8	149.8	150.9	151.3	151.5	152.6	152.6	152.8	155.0	155.8	163.8
Brick and steel: Atlanta..... do.....		123.8	123.8	123.8	124.0	124.0	124.4	127.0	128.9	129.3	130.1	131.3	131.5
New York..... do.....		155.5	155.0	155.7	156.7	158.1	158.2	167.0	169.0	169.0	169.6	174.7	175.1
San Francisco..... do.....		147.9	147.9	147.9	147.9	148.6	148.7	149.3	150.3	152.3	154.5	156.2	156.6
St. Louis..... do.....		145.7	145.7	145.7	148.0	148.4	148.8	149.5	149.5	149.9	152.1	153.1	159.5
Residences: Brick: Atlanta..... do.....		132.4	132.4	132.4	134.1	134.1	135.5	137.9	140.8	141.2	141.2	144.7	144.9
New York..... do.....		160.1	160.1	161.1	162.6	164.5	165.1	173.1	173.1	174.9	175.5	180.3	180.7
San Francisco..... do.....		146.3	146.3	146.3	146.3	147.3	148.0	148.6	150.6	154.0	155.3	157.6	158.0
St. Louis..... do.....		153.8	153.8	153.8	154.8	155.2	156.6	157.7	157.7	158.8	159.5	162.2	165.8
Frame: Atlanta..... do.....		134.4	134.4	134.4	135.3	135.3	137.1	138.4	142.6	143.0	143.0	147.2	147.4
New York..... do.....		161.7	161.7	162.3	163.0	164.1	165.0	173.7	173.7	175.6	176.2	180.6	181.0
San Francisco..... do.....		144.4	144.4	144.4	144.4	144.9	145.8	146.4	147.7	153.0	153.7	156.1	156.5
St. Louis..... do.....		154.9	154.9	154.9	155.4	155.8	157.6	158.3	158.3	159.5	159.8	163.0	165.0
Engineering News Record: Building cost*..... 1913=100..	266.1	239.6	239.9	240.0	240.4	240.6	240.8	242.2	243.9	245.4	254.4	257.3	264.2
Construction (all types)..... do.....	353.9	309.0	309.1	309.3	309.3	309.3	313.5	316.3	319.5	323.8	334.6	339.7	347.9
Federal Home Loan Bank Administration: Standard 6-room frame house:† Combined index..... 1935-39=100..	145.6	137.0	137.2	137.4	138.0	138.4	139.0	139.2	139.6	140.3	141.0	142.1	143.5
Materials..... do.....	141.6	133.5	133.8	133.9	134.1	134.6	135.0	135.2	135.5	136.3	137.1	138.0	139.2
Labor..... do.....	153.6	143.9	144.0	144.4	145.9	146.1	147.1	147.3	147.8	148.3	148.8	150.3	152.3
REAL ESTATE													
Fed. Hous. Adm., home mortgage insurance: Gross mortgages accepted for insurance, thous. of dol.	(1)	38,703	29,236	28,761	23,667	35,102	32,710	32,598	38,722	34,543	42,377	45,513	46,113
Premium-paying mortgages (cumulative), mil. of dol.	6,271	6,302	6,339	6,372	6,401	6,436	6,468	6,499	6,538	6,569	6,603	6,639	6,679
Estimated total nonfarm mortgages recorded (\$20,000 and under)*..... thous. of dol.	917,414	487,041	469,269	489,389	464,157	555,893	560,180	527,424	634,117	618,763	765,973	887,266	964,438
Estimated new mortgage loans by all savings and loan associations, total..... thous. of dol.	325,997	167,311	160,399	173,663	162,433	196,379	198,159	187,710	216,842	225,519	300,163	342,999	361,298
Classified according to purpose: Mortgage loans on homes: Construction..... do.....	56,297	17,567	17,658	20,730	16,375	23,985	24,481	22,922	30,807	30,866	45,391	53,202	62,189
Home purchase..... do.....	218,575	116,798	112,761	120,557	113,103	135,224	135,685	129,557	145,342	154,219	202,995	235,877	243,458
Refinancing..... do.....	22,402	17,147	15,622	17,146	16,786	18,751	19,411	17,848	21,372	19,801	24,244	24,882	24,451
Repairs and reconditioning..... do.....	6,625	3,364	3,351	3,971	3,980	4,857	4,487	3,958	3,803	4,217	6,198	6,796	6,954
Loans for all other purposes..... do.....	22,098	12,435	11,007	11,259	12,189	13,562	14,095	13,425	15,518	16,416	21,335	22,242	24,246
Loans outstanding of agencies under the Federal Home Loan Bank Administration: Federal Savings and Loan Associations, estimated mortgages outstanding†..... mil. of dol.	2,886	2,165			2,255			2,382			2,572		
Federal Home Loan Banks, outstanding advances to member institutions..... mil. of dol.	203	132	122	112	100	87	97	195	174	165	153	156	173
Home Owners' Loan Corporation, balance of loans outstanding..... mil. of dol.	735	965	945	925	908	887	869	852	831	813	794	773	753
Foreclosures, nonfarm, index, adjusted†..... 1935-39=100..	6.7	10.0	8.3	8.9	8.5	8.2	9.0	7.9	8.8	7.8	8.3	7.5	7.1
Fire losses..... thous. of dol.	44,240	34,099	34,054	34,096	32,447	34,470	37,393	49,478	49,808	51,759	53,252	52,153	46,094

DOMESTIC TRADE

ADVERTISING													
Advertising indexes, adjusted:† Printers' Ink, combined index..... 1935-39=100..	131.0	144.9	151.7	144.1	141.3	149.1	139.4	157.7	151.9	152.6	151.6	154.2	
Farm papers..... do.....	158.6	170.6	173.4	185.3	180.4	192.2	201.9	177.6	161.5	159.6	156.2	157.8	
Magazines..... do.....	191.3	170.6	205.5	214.0	189.5	200.3	193.2	207.4	203.8	176.2	173.1	172.5	
Newspapers..... do.....	125.9	100.3	111.0	117.7	110.7	111.5	118.4	105.3	127.2	122.8	127.2	124.5	
Outdoor..... do.....		156.7	154.7	158.7	175.1	153.3	202.0	218.1	222.6	216.7	167.2	189.8	
Radio..... do.....	313.2	301.5	315.1	317.0	321.1	268.2	283.3	273.7	279.8	298.5	273.8	294.1	
Tide, combined index*..... do.....		147.2	163.8	179.8	171.9	162.9	168.4	162.5	183.0	175.0	164.5	165.1	
Radio advertising: Cost of facilities, total..... thous. of dol.	15,507	15,217	14,762	14,521	15,317	16,969	16,776	17,179	17,449	15,758	17,273	16,442	16,808
Automobiles and accessories..... do.....	771	711	645	516	501	779	788	928	884	615	922	807	797
Clothing..... do.....	166	176	125	128	211	208	214	257	224	209	190	175	192
Electrical household equipment..... do.....	323	197	218	210	296	314	256	351	325	363	316	301	
Financial..... do.....	376	263	229	261	308	287	327	305	308	293	343	321	346
Foods, food beverages, confections..... do.....	4,173	4,092	3,934	3,933	4,079	4,502	4,420	4,312	4,473	4,102	4,483	4,546	4,677

\* Revised. † Minor revisions for January 1939-July 1942 are available on request. ‡ Discontinued.  
 \*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. For a brief description of the Tide index of advertising see note marked "†" on p. S-6 of the April 1946 Survey; data beginning 1936 are available on request. The Engineering News Record index of building cost is computed in the same manner as the construction cost index which is described in the 1942 Supplement to the Survey, except that skilled labor is substituted for common labor; data beginning 1913 will be shown later.  
 † Revised series. The index of nonfarm foreclosures has been revised for 1940 and 1941; revisions are shown on p. S-6 of the May 1943 Survey. Indexes of advertising from Printers' Ink have been published on a revised basis beginning in the April 1944 Survey; revised data beginning 1914 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; see note in that issue; revisions beginning 1936 will be shown later.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1944				
	June	July	August	September	October	November	December	January	February	March	April	May	

DOMESTIC TRADE—Continued

ADVERTISING—Continued													
Radio advertising—Continued.													
Cost of facilities—Continued.													
Gasoline and oil.....thous. of dol.	505	562	604	571	584	610	592	694	650	620	696	537	555
Housefurnishings, etc.....do.	163	162	148	148	164	149	166	171	164	149	170	153	173
Soap, cleansers, etc.....do.	1,394	1,059	1,147	1,185	1,192	1,347	1,306	1,273	1,472	1,319	1,402	1,445	1,482
Smoking materials.....do.	1,268	1,363	1,296	1,235	1,259	1,337	1,273	1,322	1,342	1,211	1,328	1,270	1,314
Toilet goods, medical supplies.....do.	4,882	4,859	4,559	4,495	4,747	5,462	5,318	5,513	5,660	4,920	5,374	5,145	5,300
All other.....do.	1,755	1,774	1,877	1,839	1,976	1,994	2,076	2,102	1,921	1,796	2,001	1,728	1,688
Magazine advertising:													
Cost, total.....do.	23,956	20,335	22,028	28,701	31,649	30,597	30,446	21,404	26,403	31,752	33,610	31,995	31,995
Automobiles and accessories.....do.	2,041	2,005	2,124	2,397	2,683	2,344	2,456	1,416	1,445	1,522	1,771	1,771	1,771
Clothing.....do.	1,544	706	1,732	2,970	3,026	2,579	2,125	1,612	2,336	3,499	3,645	3,276	3,276
Electric household equipment.....do.	826	576	699	886	1,135	1,157	1,136	469	783	797	893	855	855
Financial.....do.	441	355	408	506	622	524	528	488	588	624	647	583	583
Foods, food beverages, confections.....do.	3,056	3,277	2,822	3,605	3,962	3,944	4,008	3,124	3,983	4,472	4,416	3,895	3,895
Gasoline and oil.....do.	523	481	471	561	430	436	339	233	306	346	524	559	559
Housefurnishings, etc.....do.	1,344	569	806	1,630	1,969	1,761	1,690	935	1,227	1,964	2,105	2,420	2,420
Soap, cleansers, etc.....do.	554	407	467	497	520	554	442	371	606	765	702	655	655
Office furnishings and supplies.....do.	405	306	343	639	829	674	637	326	456	657	695	618	618
Smoking materials.....do.	662	660	635	431	1,061	1,051	1,104	836	805	929	870	754	754
Toilet goods, medical supplies.....do.	4,280	3,736	3,645	4,431	5,315	5,197	4,930	3,507	4,889	5,330	5,624	5,154	5,154
All other.....do.	8,281	7,257	7,876	9,750	10,251	10,423	11,050	7,953	8,976	10,924	11,973	11,453	11,453
Lineage, total.....thous. of lines.	3,757	3,315	3,528	4,124	4,745	5,094	4,804	4,037	4,139	4,604	4,910	4,775	4,271
Newspaper advertising:													
Lineage, total (52 cities).....do.	137,718	107,532	101,832	110,942	121,094	136,950	140,761	130,756	115,746	121,177	146,539	144,013	143,691
Classified.....do.	34,502	26,338	26,629	27,525	27,921	29,626	28,120	26,321	28,648	29,677	36,097	35,147	35,147
Display, total.....do.	103,216	81,194	75,203	83,417	93,173	107,323	112,641	104,435	87,098	91,499	110,442	108,866	108,548
Automotive.....do.	3,714	2,231	2,378	2,580	3,033	3,947	5,363	3,804	2,855	2,092	2,784	3,427	3,479
Financial.....do.	2,138	1,466	2,223	1,581	1,726	2,272	2,003	1,999	2,741	2,076	2,365	2,388	2,159
General.....do.	21,371	18,973	17,776	18,006	21,890	26,032	26,022	21,304	18,916	21,037	23,083	21,934	22,317
Retail.....do.	75,993	58,524	52,826	61,251	66,524	75,072	79,253	77,228	62,585	66,274	82,210	81,117	80,596
GOODS IN WAREHOUSES													
Space occupied in public-merchandise warehouses % percent of total.	85.1	87.9	88.8	89.4	90.4	90.4	91.1	89.8	88.6	88.4	87.5	87.1	85.9
POSTAL BUSINESS													
Money orders:													
Domestic, issued (50 cities):													
Number.....thousands.....	5,371	6,113	5,847	4,383	5,956	5,612	6,292	5,111	5,571	5,559	5,518	4,729	4,729
Value.....thous. of dol.....	147,207	199,536	196,041	171,036	214,157	180,573	143,954	143,366	123,104	135,593	120,882	105,671	105,671
Domestic, paid (50 cities):													
Number.....thousands.....	13,409	12,142	12,161	11,606	13,482	13,562	12,926	14,925	12,954	15,473	15,094	14,154	14,154
Value.....thous. of dol.....	216,969	202,383	209,346	195,669	218,155	223,874	206,329	224,455	187,773	233,141	208,273	190,934	190,934
CONSUMER EXPENDITURES													
Estimated expenditures for goods and services:*													
Total.....mills. of dol.....	30,165	25,480	26,260	26,260	26,260	26,260	26,260	30,056	28,077	28,077	28,077	28,077	28,077
Goods.....do.....	21,610	17,175	17,930	17,930	17,930	17,930	17,930	21,775	19,515	19,515	19,515	19,515	19,515
Services (including gifts).....do.....	8,555	8,305	8,330	8,330	8,330	8,330	8,281	8,281	8,562	8,562	8,562	8,562	8,562
Indexes:													
Unadjusted, total.....1935-39=100.....	205.2	173.3	178.7	178.7	178.7	178.7	178.7	204.5	191.0	191.0	191.0	191.0	191.0
Goods.....do.....	230.8	183.5	191.5	191.5	191.5	191.5	191.5	232.6	208.5	208.5	208.5	208.5	208.5
Services (including gifts).....do.....	160.3	155.6	156.1	156.1	156.1	156.1	156.1	155.2	160.4	160.4	160.4	160.4	160.4
Adjusted, total.....do.....	203.2	172.8	180.2	180.2	180.2	180.2	180.2	205.3	191.6	191.6	191.6	191.6	191.6
Goods.....do.....	227.7	182.7	193.4	193.4	193.4	193.4	193.4	212.4	231.6	231.6	231.6	231.6	231.6
Services (including gifts).....do.....	160.2	155.5	156.9	156.9	156.9	156.9	156.9	155.2	159.1	159.1	159.1	159.1	159.1
RETAIL TRADE													
All retail stores:†													
Estimated sales, total.....mill. of dol.....	7,702	6,304	5,985	6,320	6,398	7,124	7,181	8,489	6,695	6,430	7,473	7,707	7,926
Durable goods store.....do.....	1,544	965	921	940	946	1,138	1,161	1,315	1,108	1,060	1,267	1,430	1,608
Automotive group.....do.....	552	283	277	290	286	327	344	326	357	321	377	454	577
Motor vehicles.....do.....	426	194	187	194	193	219	236	205	246	222	261	333	452
Parts and accessories.....do.....	126	89	89	96	93	108	108	121	111	98	116	121	125
Building materials and hardware.....do.....	516	368	354	359	363	440	401	381	401	381	475	525	540
Building materials.....do.....	312	216	210	222	228	284	248	215	262	244	295	322	325
Farm implements.....do.....	57	47	46	40	38	45	41	36	40	38	50	58	63
Hardware.....do.....	147	104	98	97	98	112	112	130	99	100	129	145	152
Homefurnishings group.....do.....	375	232	219	218	224	283	306	361	273	284	334	362	392
Furniture and housefurnishings.....do.....	270	184	168	165	171	223	233	265	196	210	248	268	286
Household appliance and radio.....do.....	105	49	51	53	53	60	74	96	77	73	86	95	105
Jewelry stores.....do.....	101	82	72	73	72	88	110	246	77	74	82	89	99
Nondurable goods stores.....do.....	6,158	5,339	5,064	5,381	5,452	5,986	6,020	7,174	5,587	5,370	6,206	6,277	6,318
Apparel group.....do.....	725	604	484	552	656	784	781	986	576	566	760	814	713
Men's clothing and furnishings.....do.....	184	148	105	110	150	207	208	275	129	125	164	193	175
Women's apparel and accessories.....do.....	312	269	223	266	308	355	340	421	274	275	382	375	320
Family and other apparel.....do.....	99	86	69	77	92	113	114	153	83	75	98	107	95
Shoes.....do.....	130	101	87	100	106	108	118	137	90	90	116	139	119
Drug stores.....do.....	295	245	244	245	242	255	256	375	274	262	283	284	299
Eating and drinking places.....do.....	1,006	923	922	975	943	959	953	968	951	880	988	967	1,018
Food group.....do.....	1,916	1,710	1,669	1,749	1,724	1,780	1,769	1,996	1,823	1,713	1,915	1,880	1,978
Grocery and combination.....do.....	1,450	1,302	1,268	1,319	1,298	1,349	1,355	1,527	1,375	1,297	1,456	1,408	1,492
Other food.....do.....	466	408	401	430	425	431	414	469	448	416	459	472	486
Filling stations.....do.....	306	254	268	290	282	296	276	278	296	270	300	297	312

\* Preliminary. † Revised. § See note marked "\$" on p. S-6 of the April 1943 Survey in regard to enlargement of the reporting sample in August 1942.  
 \* New series. The series on consumer expenditures, originally published on a monthly basis in the October 1942 Survey (pp. 8-14), are now compiled quarterly only (data are quarterly totals) and have been adjusted to accord with the annual totals shown as a component of the gross national product series; for dollar figures for 1939-40 see p. 13, table 10, of the April 1944 Survey and for 1941-44, p. 8, table 6, of February 1946 issue; data in the latter table and those above are on a revised basis, they differ from figures published in the January 1946 Survey and earlier issues owing to the inclusion of expenditures of military personnel abroad in the total and services (dollar figures for this item are given in the footnote to the table on p. 8 of the February 1946 Survey); indexes beginning 1939, both including and excluding expenditures of military personnel abroad, are available on request. Revised figures for first quarter of 1945: Amount (millions of dollars)—Total, 24,652; goods, 16,425; services, 8,227; indexes, unadjusted—total, 167.7; goods, 175.5; services, 154.2; adjusted—total, 178.4; goods, 193.0; services, 152.7.  
 † Revised series. For revised data (dollar figures and indexes) on sales of retail stores for January 1943 to June 1944, and earlier revisions for a number of series, see table on pp. 19 and 20 of the September 1945 Survey (corrections for p. 19: March 1944 indexes—building materials and hardware stores, 143.6; jewelry stores, 460.7; June 1944 index for apparel stores, 201.0; 1940 dollar figures, all retail stores—January, 3,198; February, 3,108); except as given in this table, data for 1929, 1933, and 1935-42 are correct as published on pp. 7 and 11-14 of the November 1943 Survey. Data have been revised beginning January 1945, largely to adjust the estimates to sales tax data for 1945; revisions for January-April 1945 are shown on p. 24 of this issue (data beginning May 1945 were revised in the July 1946 issue).

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	July	August	September	October	November	December	January	February	March	April	May	

DOMESTIC TRADE—Continued

RETAIL TRADE—Continued													
All retail stores—Continued.													
Estimated sales—Continued													
Nondurable goods stores—Continued													
General merchandise group..... mil. of dol.	1,138	904	792	846	919	1,105	1,193	1,577	874	899	1,118	1,193	1,154
Department, including mail order..... do	748	563	471	521	588	734	810	1,017	566	588	754	791	762
General, including general merchandise with food..... mil. of dol.	136	119	114	116	117	128	130	152	111	110	128	140	141
Other general mdse. and dry goods..... do	119	100	91	94	100	115	120	173	92	90	110	119	119
Variety..... do	134	122	115	116	113	129	137	235	104	110	126	144	132
Other retail stores..... do	771	690	685	724	687	778	790	993	793	779	842	841	844
Feed and farm supply..... do	203	205	204	196	219	208	208	198	203	207	238	250	242
Fuel and ice..... do	92	124	128	137	123	144	128	168	195	178	151	118	114
Liquors..... do	148	129	126	142	136	148	159	225	135	137	149	153	153
Other..... do	328	242	227	232	237	277	294	402	260	258	302	321	335
Indexes of sales:													
Unadjusted, combined index..... 1935-39=100	241.3	192.4	187.8	190.5	203.7	215.0	227.2	260.1	206.5	215.2	225.9	240.2	242.4
Durable goods stores..... do	198.8	120.5	118.0	113.3	125.5	137.2	149.8	168.1	137.6	143.2	157.2	179.0	199.7
Nondurable goods stores..... do	255.1	215.8	210.5	215.7	229.2	240.3	252.4	290.1	228.9	238.7	248.3	260.2	256.3
Adjusted, combined index..... do	237.7	189.6	198.4	196.2	195.2	207.8	220.1	216.8	237.6	243.3	241.6	236.2	236.9
Index eliminating price changes..... do	161.9	134.9	140.8	139.7	139.4	148.4	156.5	153.6	168.3	172.6	170.1	164.7	163.8
Durable goods stores..... do	188.4	113.8	119.7	114.7	121.7	132.2	142.5	141.1	166.1	172.0	173.5	180.2	187.0
Automotive..... do	122.6	61.8	61.8	63.7	67.5	74.9	80.7	72.9	88.5	87.7	89.6	108.0	129.0
Building materials and hardware..... do	235.7	160.9	169.9	165.8	169.9	182.2	199.8	247.4	262.1	257.8	246.3	233.0	233.0
Home furnishings..... do	288.2	170.8	180.8	158.8	179.5	197.5	223.9	225.2	248.0	260.0	265.7	260.7	262.5
Jewelry..... do	397.4	314.5	372.6	334.5	346.6	354.4	375.5	379.1	394.7	412.3	429.2	445.4	402.4
Nondurable goods stores..... do	253.8	214.3	224.0	222.8	219.2	232.5	245.4	241.5	260.9	266.6	263.8	254.4	253.2
Apparel..... do	287.9	231.6	261.3	262.1	238.9	260.9	270.7	251.1	289.3	317.7	320.8	284.5	269.1
Drug..... do	250.2	206.1	202.3	200.1	201.6	213.3	224.4	249.5	240.6	243.2	242.8	246.3	247.3
Eating and drinking places..... do	391.1	358.6	348.8	347.1	353.8	376.8	397.6	376.6	418.9	415.8	401.0	389.1	389.5
Food..... do	238.1	206.7	212.2	216.3	214.7	226.1	235.6	240.8	252.0	246.4	244.6	245.3	248.9
Filling stations..... do	137.4	111.9	118.4	124.4	130.8	135.3	140.2	164.9	164.5	155.4	144.2	139.8	139.8
General merchandise..... do	233.1	178.3	190.7	180.0	177.1	188.0	200.0	191.6	209.4	205.0	232.6	222.1	222.3
Other retail stores..... do	268.2	235.0	258.5	254.4	243.4	256.9	278.7	276.0	292.2	303.2	288.1	275.1	271.5
Estimated inventories, total*..... mil. of dol.	6,991	6,547	6,363	6,653	6,722	6,788	6,826	5,825	5,974	6,229	6,542	6,771	6,882
Durable goods stores*..... do	2,122	1,891	1,824	1,878	1,969	1,935	1,892	1,620	1,714	1,864	2,016	2,039	2,101
Nondurable goods stores*..... do	4,869	4,656	4,539	4,775	4,753	4,853	4,934	4,205	4,260	4,365	4,526	4,732	4,781
Chain stores and mail-order houses:													
Sales, estimated, total*..... do	1,656	1,328	1,225	1,267	1,319	1,516	1,557	1,911	1,415	1,375	1,651	1,679	1,663
Automotive parts and accessories*..... do	44	27	28	30	28	30	33	41	35	32	38	41	43
Building materials*..... do	64	53	50	54	58	70	59	43	55	52	58	64	68
Furniture and housefurnishings*..... do	21	14	13	13	14	20	21	25	15	17	20	21	23
Apparel group*..... do	225	191	146	154	175	210	211	265	161	162	228	250	208
Men's wear*..... do	36	29	17	17	26	40	36	41	25	24	34	38	34
Women's wear*..... do	107	96	76	82	86	102	101	133	81	83	121	123	100
Shoes*..... do	64	51	42	45	49	50	56	69	41	43	53	68	57
Drug*..... do	68	57	57	56	55	60	61	91	62	61	65	65	68
Eating and drinking*..... do	48	43	44	45	44	48	46	49	48	44	50	48	49
Grocery and combination*..... do	479	394	369	375	390	426	447	511	464	442	504	467	490
General merchandise group*..... do	446	340	313	324	345	422	445	601	339	337	439	465	449
Department, dry goods, and general merchandise*..... mil. of dol.	259	187	173	196	234	245	324	176	175	237	254	259	259
Mail-order (catalog sales)*..... do	61	39	33	35	42	67	73	63	65	59	84	77	65
Variety*..... do	116	106	99	100	98	112	119	203	90	95	108	124	114
Indexes of sales:													
Unadjusted, combined index*..... 1935-39=100	221.6	171.9	167.4	164.9	179.5	198.4	212.4	250.2	189.6	198.0	213.3	226.4	220.0
Adjusted, combined index*..... do	219.4	170.2	180.9	178.4	175.3	188.5	201.9	198.1	223.4	228.8	230.8	218.0	216.9
Automotive parts and accessories*..... do	217.8	127.0	142.9	145.4	156.8	167.2	191.2	207.0	224.4	240.0	229.7	227.2	227.2
Building materials*..... do	228.3	189.8	185.0	174.5	174.5	198.8	202.3	195.4	243.8	270.1	251.1	239.5	224.0
Furniture and housefurnishings*..... do	223.0	144.0	143.5	114.7	132.7	151.0	165.3	166.1	182.3	206.0	204.4	193.9	197.8
Apparel group*..... do	272.3	225.0	241.8	253.9	223.6	247.0	263.0	234.6	298.6	315.4	328.2	272.9	254.1
Men's wear*..... do	237.9	182.0	182.3	188.8	200.0	245.3	224.4	187.9	215.0	241.3	204.6	231.2	253.7
Women's wear*..... do	366.2	315.3	319.6	332.4	311.6	332.8	339.0	305.6	399.2	414.8	471.8	380.3	333.6
Shoes*..... do	196.9	152.9	197.1	214.1	148.9	161.3	212.1	140.8	245.0	258.6	219.2	186.8	178.3
Drug*..... do	229.6	190.9	193.2	189.9	187.3	195.2	206.5	228.1	211.5	220.0	216.1	221.1	225.9
Eating and drinking*..... do	216.0	194.4	195.4	193.8	185.1	192.6	196.2	185.5	209.8	209.5	208.4	206.6	210.3
Grocery and combination*..... do	213.3	168.9	177.1	175.9	179.8	193.7	206.9	214.6	222.9	217.9	217.4	217.4	217.4
General merchandise group*..... do	224.8	165.1	181.3	172.6	166.4	179.7	194.6	179.8	222.3	222.3	241.5	222.2	222.6
Department, dry goods, and general merchandise*..... 1935-39=100	262.5	182.7	206.9	199.2	189.0	203.5	224.8	207.2	251.1	254.2	272.6	251.0	261.4
Mail-order*..... do	196.7	118.3	127.8	110.9	119.8	128.4	149.4	127.9	222.8	208.0	243.4	212.9	184.4
Variety*..... do	183.0	162.0	170.5	164.3	155.7	169.6	172.2	163.8	177.3	180.1	193.5	181.8	184.1
Department stores:													
Accounts receivable:													
Instalment accounts\$..... 1941 average=100	46	34	32	32	33	36	41	48	45	43	43	45	45
Open accounts\$..... do	133	88	76	76	85	99	113	145	108	100	114	126	129
Ratio of collections to accounts receivable:													
Instalment accounts\$..... percent	33	32	31	33	35	40	40	36	32	31	35	35	34
Open accounts\$..... do	60	64	62	63	63	66	67	61	61	60	64	63	62
Sales, unadjusted, total U. S. \$..... 1935-39=100	253	186	163	168	209	230	273	352	179	207	238	255	248
Atlanta\$..... do	307	233	225	244	279	307	348	466	246	292	315	336	313
Boston\$..... do	215	165	127	125	176	196	225	323	147	156	197	223	211
Chicago\$..... do	245	178	154	158	197	213	254	320	167	193	226	242	234
Cleveland\$..... do	257	187	161	165	199	224	264	338	167	194	237	253	243
Dallas\$..... do	313	228	228	237	292	318	352	467	248	299	316	335	322
Kansas City\$..... do	266	200	192	201	239	253	286	366	199	238	255	273	272
Minneapolis\$..... do	241	172	149	160	207	210	243	305	158	183	223	235	242
New York\$..... do	222	155	118	120	171	196	235	307	155	174	209	219	214
Philadelphia\$..... do	229	167	137	136	178	205	255	328	158	174	216	228	222
Richmond\$..... do	266	207	181	194	239	271	319	399	197	227	264	281	274
St. Louis\$..... do	274	198	185	194	234	251	303	365	192	236	264	281	272
San Francisco\$..... do	289	215	211	210	245	284	320	407	214	253	258	287	284

\* Revised. \$Minor revisions in the figures prior to November 1941 are available on request. \* Preliminary.  
 \*New series. Revised 1940-43 dollar figures and indexes for

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946					
	June	June	July	August	September	October	November	December	January	February	March	April	May	
<b>DOMESTIC TRADE—Continued</b>														
<b>RETAIL TRADE—Continued.</b>														
<b>Department stores—Continued.</b>														
Sales, adjusted, total U. S.†	1935-39=100	275	202	218	200	200	213	225	216	228	254	263	250	256
Atlanta†	do	365	277	300	274	268	262	298	288	308	339	335	317	319
Boston†	do	232	177	183	166	167	177	183	188	186	200	229	210	213
Chicago†	do	253	184	197	189	193	199	206	206	209	241	243	237	234
Cleveland†	do	272	197	220	189	187	209	220	211	214	242	271	236	245
Dallas†	do	368	268	300	272	278	289	288	287	306	339	336	352	342
Kansas City†	do	289	218	226	216	239	241	238	244	249	261	275	273	289
Minneapolis†	do	253	181	184	178	161	160	203	190	212	236	246	224	252
New York†	do	241	169	177	165	161	172	182	179	194	210	232	219	226
Philadelphia†	do	254	186	198	175	175	184	202	184	206	221	244	224	232
Richmond†	do	302	235	252	236	225	248	251	237	262	283	294	276	276
St. Louis†	do	305	220	237	225	232	238	240	239	234	281	286	267	277
San Francisco	do	315	235	255	231	232	245	273	256	269	300	297	291	305
Sales by type of credit*														
Cash sales..... percent of total sales		59	63	66	65	63	63	62	64	64	61	59	59	59
Charge account sales..... do		37	34	31	31	33	33	34	32	32	35	37	37	37
Instalment sales..... do		4	3	3	4	4	4	4	4	4	4	4	4	4
Stocks, total U. S., end of month:†														
Unadjusted..... 1935-39=100		205	175	175	182	184	185	179	136	146	158	172	188	200
Adjusted..... do		210	179	176	169	166	164	165	168	167	171	176	189	200
Other stores, ratio of collections to accounts receivable, instalment accounts*														
Furniture stores..... percent		26	23	24	23	23	27	27	24	25	24	27	28	27
Household appliance stores..... do		54	43	42	48	49	52	51	48	52	51	53	56	55
Jewelry stores..... do		34	33	31	31	30	31	35	46	32	29	32	32	33
Mail-order and store sales:														
Total sales, 2 companies..... thous. of dol.		201,076	130,515	118,135	121,455	136,930	184,704	166,052	218,216	158,852	150,292	207,055	209,843	211,418
Montgomery Ward & Co..... do		75,428	50,003	47,158	48,687	55,174	77,295	77,013	83,232	53,007	55,231	78,454	80,073	85,065
Sears, Roebuck & Co..... do		126,548	80,513	70,977	72,769	81,757	107,409	119,040	134,984	105,846	95,061	128,601	129,770	126,353
Rural sales of general merchandise:														
Total U. S., unadjusted..... 1929-31=100		243.4	159.6	140.8	144.0	195.3	246.5	275.7	267.8	208.7	227.1	303.4	283.7	233.8
East..... do		236.6	150.2	121.1	115.4	168.5	249.6	279.3	246.0	209.3	218.2	313.2	277.0	217.6
South..... do		322.4	216.7	192.2	194.6	281.3	357.3	396.3	370.2	300.4	348.1	449.1	374.1	311.2
Middle West..... do		210.0	136.4	118.6	125.8	166.6	208.7	230.0	226.0	177.1	195.3	261.9	243.6	199.4
Far West..... do		294.1	198.5	188.4	187.4	230.2	255.1	317.2	330.1	220.1	222.7	280.3	321.7	283.2
Total U. S., adjusted..... do		267.2	175.2	192.9	176.0	184.7	189.7	211.9	167.5	274.2	280.7	345.5	308.7	254.7
East..... do		257.7	163.6	170.1	144.8	171.4	193.9	216.7	147.7	275.4	266.7	348.8	230.6	237.1
South..... do		401.0	269.6	283.0	269.9	254.8	241.1	288.7	246.5	379.8	381.7	497.4	424.6	306.9
Middle West..... do		222.4	144.5	160.7	152.5	162.5	164.3	175.4	144.9	231.5	245.7	295.6	280.8	210.5
Far West..... do		308.6	208.3	229.8	203.5	186.8	212.4	261.5	202.2	299.5	300.9	340.6	360.2	315.0
<b>WHOLESALE TRADE</b>														
Service and limited function wholesalers*														
Estimated sales, total..... mil. of dol.		4,164	3,572	3,569	3,584	3,379	3,933	3,889	3,820	4,058	3,786	4,055	4,183	4,351
Durable goods establishments..... do		1,239	886	834	869	813	944	954	919	987	966	1,076	1,180	1,234
Nondurable goods establishments..... do		2,425	2,686	2,735	2,715	2,566	2,989	2,935	2,901	3,071	2,820	2,979	3,003	3,117
All wholesalers, estimated inventories*..... do		4,498	3,844	3,744	3,759	3,898	4,113	4,196	4,275	4,258	4,254	4,375	4,413	4,458

EMPLOYMENT CONDITIONS AND WAGES

<b>EMPLOYMENT</b>														
Armed forces*	thous.	3,000	12,267	12,300	12,160	11,860	10,640	9,180	7,850	6,170	5,210	4,380	3,840	3,430
Estimated civilian labor force (Bureau of the Census):*	thous.	59,360	53,140	55,220	54,350	52,900	53,110	53,440	53,310	53,710	54,340	55,660	56,900	57,630
Labor force, total..... do		42,020	34,380	36,140	35,020	34,250	34,510	35,280	36,120	37,550	38,340	39,370	40,310	40,950
Male..... do		17,270	18,760	20,080	19,330	18,610	18,520	18,160	17,180	16,160	16,000	16,200	16,550	16,680
Female..... do		56,740	52,060	54,270	53,520	51,210	51,560	51,730	51,360	51,420	51,690	52,960	54,550	55,320
Employment..... do		40,030	33,800	34,600	34,590	33,320	33,600	34,100	34,600	35,790	36,200	37,170	38,420	39,060
Male..... do		16,710	18,260	19,610	18,930	17,930	17,900	17,620	16,710	15,330	15,490	15,780	16,130	16,260
Female..... do		9,580	9,060	9,840	9,000	8,500	8,700	8,420	7,190	6,760	6,690	7,560	8,190	8,880
Agricultural..... do		46,760	42,970	44,430	44,470	42,450	42,770	43,310	44,170	44,600	44,700	45,370	46,360	46,440
Nonagricultural..... do		2,660	1,080	950	830	1,650	1,710	1,570	1,950	2,260	2,650	2,710	2,350	2,310
Employees in nonagricultural establishments:†														
Unadjusted (U. S. Department of Labor):														
Total..... do		37,762	37,556	37,273	36,984	35,321	35,231	35,639	36,314	35,815	35,374	36,273	36,887	37,377
Manufacturing..... do		12,771	14,538	14,130	13,831	12,082	11,152	11,970	11,910	12,028	11,461	12,010	12,543	12,655
Mining..... do		821	794	784	784	784	718	793	802	810	808	801	805	725
Construction..... do		1,034	845	911	927	945	1,066	1,014	1,042	1,132	1,260	1,345	1,517	1,743
Transportation and public utilities..... do		3,619	3,833	3,858	3,800	3,831	3,826	3,871	3,896	3,897	3,607	3,930	3,921	3,876
Trade..... do		7,686	7,004	6,975	6,979	7,143	7,331	7,771	7,959	7,481	7,505	7,617	7,759	7,690
Financial, service, and miscellaneous..... do		5,150	4,589	4,672	4,666	4,603	4,608	4,845	4,836	4,984	5,031	5,076	5,140	5,140
Government..... do		5,481	6,953	6,943	6,937	6,933	6,703	6,575	6,769	6,473	6,462	6,494	6,502	6,548
Adjusted (Federal Reserve):														
Total..... do		37,672	37,472	37,231	36,888	35,161	35,029	35,338	35,605	36,333	35,938	36,729	37,095	37,422
Manufacturing..... do		12,771	14,538	14,130	13,762	12,022	11,498	11,910	11,810	12,058	11,458	12,070	12,606	12,719
Mining..... do		821	794	784	784	784	718	793	802	810	808	801	805	729
Construction..... do		1,034	845	911	927	945	1,066	1,014	1,042	1,132	1,260	1,345	1,517	1,709
Transportation and public utilities..... do		3,619	3,795	3,801	3,803	3,774	3,806	3,871	3,916	3,956	3,987	3,980	3,941	3,876
Trade..... do		7,725	7,069	7,117	7,121	7,215	7,258	7,315	7,335	7,673	7,667	7,757	7,775	7,729

\* Revised. † Preliminary.  
 ‡ Not comparable with data beginning July 1945, see note 1 on p. S-9 of the April 1946 Survey.  
 § New series. For data beginning June 1943 for the series on department store credit, see p. S-9 of August 1944 Survey; data beginning 1941 will be published later. Data beginning February 1941 for the collection ratios for furniture, jewelry, and household appliance stores are on p. S-8 of the April 1942 Survey; data back to January 1940 are available on request. Annual estimates of wholesale sales beginning 1939 are available on p. 22 of the February 1945 Survey and p. 32 of the February 1946 issue and monthly figures beginning June 1943 are on p. S-9 of the August 1944 and later issues; for estimates of wholesalers' inventories for 1938-42, see p. 7 of the June 1942 Survey and p. S-2 of the May 1943 issue. Estimates of civilian labor force for 1940-1943 are shown on p. 23 of the February 1945 issue (see note 1 on p. S-9 of the April 1946 Survey with reference to revisions in progress). Data for armed forces through June 1945 are from the U. S. Department of Labor and are as of the first of the month; data beginning July are from the Bureau of the Census, based on first of the month figures projected to the end of the Census week for the Civilian labor force data; officers on terminal leave are excluded beginning September; all data are based on reports from the War and Navy Departments.  
 ¶ Revised series. See note marked "†" on p. S-8 regarding revisions in the indexes of department store sales. The index of department store stocks has been completely revised; revised data for 1919-45 are shown on p. 24 of this issue. The estimates of employees in nonagricultural establishments have been revised back to 1929; data for 1929-43 for the unadjusted series are available on p. 24 of the July 1945 Survey; revisions beginning 1939 for the adjusted series will be published later, the estimates for manufacturers have been adjusted to data through 1942 from the Federal Security Agency and are not comparable since 1942 with the series on production workers in manufacturing industries on p. S-10 which have been further adjusted to data through 1944.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945							1944				
	June	June	July	August	Sep-tember	Octo-ber	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	

EMPLOYMENT CONDITIONS AND WAGES—Continued

EMPLOYMENT—Continued													
Estimated production workers in manufacturing industries, total (U. S. Dept. of Labor)*..... thousands.....	11,339	12,855	12,459	12,179	10,529	10,450	10,503	10,519	10,666	9,989	10,639	11,138	11,227
Durable goods industries..... do.....	5,642	7,382	7,054	6,779	5,234	5,151	5,180	5,097	5,205	4,417	4,999	5,482	5,591
Iron and steel and their products..... do.....	1,325	1,630	1,555	1,490	1,240	1,241	1,255	1,294	1,308	843	1,268	1,348	1,336
Blast furnaces, steel works, and rolling mills..... thousands.....		470	462	457	422	426	432	446	449	170	467	480	460
Electrical machinery..... do.....	507	691	659	640	445	467	479	484	476	348	367	345	390
Machinery, except electrical..... do.....	997	1,143	1,105	1,076	913	909	911	914	956	833	880	948	983
Machinery and machine-shop products..... do.....		424	410	399	333	330	325	325	334	295	314	344	345
Machine tools§..... do.....		72	69	67	60	58	52	53	58	58	57	60	59
Automobiles..... do.....	661	642	601	556	426	460	525	388	416	401	447	622	651
Transportation equipment, exc. automobiles..... do.....	449	1,681	1,577	1,468	788	667	573	536	519	469	459	486	472
Aircraft and parts (excluding engines)§..... do.....		509	473	430	157	127	121	121	119	118	117	120	123
Aircraft engines§..... do.....		173	166	154	33	29	27	32	21	22	22	26	27
Shipbuilding and boatbuilding§..... do.....		739	691	647	445	388	286	265	249	228	219	212	192
Nonferrous metals and products..... do.....	340	409	384	378	301	305	319	326	333	291	316	331	337
Lumber and timber basic products..... do.....	604	523	522	524	508	476	484	499	514	521	534	558	576
Sawmills (incl. logging camps)..... do.....		217	215	215	208	192	193	197	202	202	207	215	222
Furniture and finished lumber products..... do.....	370	341	334	330	303	307	321	336	348	355	361	366	365
Furniture..... do.....		148	144	141	128	131	136	143	150	152	154	157	157
Stone, clay, and glass products..... do.....	389	322	317	317	310	319	313	320	335	356	367	377	381
Nondurable goods industries..... do.....	5,697	5,473	5,405	5,400	5,295	5,299	5,323	5,422	5,461	5,566	5,640	5,666	5,636
Textile-mill products and other fiber manufactures..... thousands.....	[1,197]	1,071	1,051	1,049	1,051	1,057	1,063	1,113	1,127	1,157	1,176	1,183	1,185
Cotton manufactures, except small wares..... do.....		414	409	407	407	404	399	424	429	437	442	443	443
Silk and rayon goods..... do.....		86	85	85	85	85	85	87	88	89	90	90	91
Woolen and worsted manufactures (except dyeing and finishing)..... thousands.....		140	135	131	136	140	143	148	149	154	158	159	159
Apparel and other finished textile products..... do.....	1,027	915	869	897	911	928	930	938	956	993	1,016	1,018	1,013
Men's clothing..... do.....		196	188	186	181	180	177	181	181	190	191	191	192
Women's clothing..... do.....		194	175	190	202	205	203	204	207	214	219	218	213
Leather and leather products..... do.....	358	317	313	313	305	313	321	330	338	348	355	356	356
Boots and shoes..... do.....		172	169	169	165	170	174	178	182	187	192	193	193
Food and kindred products..... do.....	1,026	1,029	1,089	1,102	1,183	1,116	1,085	1,078	1,051	1,045	1,034	1,023	1,011
Baking..... do.....		255	250	249	251	253	254	253	254	253	255	247	239
Canning and preserving..... do.....		106	167	180	237	168	125	107	93	90	85	92	94
Slaughtering and meat packing..... do.....		128	127	124	127	127	133	148	153	151	147	139	136
Tobacco manufactures..... do.....	85	80	78	79	83	86	83	82	81	82	85	85	85
Paper and allied products..... do.....	363	315	309	311	312	321	326	335	341	348	353	357	359
Paper and pulp..... do.....		144	142	143	142	146	148	153	157	160	162	164	165
Printing, publishing, and allied industries..... do.....	376	320	317	322	324	336	347	355	359	367	372	374	375
Newspapers and periodicals..... do.....		109	107	110	113	115	120	122	122	125	127	128	129
Printing, book and job..... do.....		131	131	133	133	139	143	146	149	153	154	154	153
Chemicals and allied products..... do.....	481	671	643	600	496	486	487	488	489	491	494	493	482
Chemicals..... do.....		115	113	112	112	109	111	113	115	115	115	118	118
Products of petroleum and coal..... do.....	149	135	136	135	131	131	139	140	142	142	145	146	145
Petroleum refining..... do.....		93	93	93	88	89	95	95	96	96	97	97	98
Rubber products..... do.....	223	199	194	191	165	187	194	203	209	214	220	220	221
Rubber tires and inner tubes..... do.....		90	88	86	72	88	91	96	99	101	104	104	105
Production workers, unadjusted index, all manufacturing (U. S. Dept. of Labor)†..... 1939=100.....	138.4	156.9	152.1	148.7	128.5	127.6	128.2	128.4	130.2	121.9	129.9	136.0	137.0
Durable goods industries..... do.....	156.2	204.4	195.3	187.7	144.9	142.6	143.5	141.2	144.1	122.6	138.4	151.8	154.8
Iron and steel and their products..... do.....	133.6	164.4	156.8	150.3	125.1	125.2	126.6	130.5	131.9	85.0	127.9	135.9	134.7
Blast furnaces, steel works, and rolling mills..... 1939=100.....		121.0	118.8	117.6	108.8	109.7	111.1	114.9	115.5	43.7	120.3	123.5	118.5
Electrical machinery..... do.....	195.8	266.6	254.1	246.8	171.5	180.1	184.9	186.9	183.7	134.2	141.5	171.7	188.9
Machinery, except electrical..... do.....	188.8	216.3	209.2	203.7	172.7	172.1	172.4	172.9	180.9	157.2	166.5	179.3	186.0
Machinery and machine-shop products..... do.....		209.6	202.7	197.1	164.6	163.2	160.7	160.5	164.9	145.8	155.1	170.0	170.4
Machine tools§..... do.....		195.2	187.7	181.8	163.1	158.1	142.4	145.6	158.6	159.5	156.4	162.3	161.1
Automobiles..... do.....	164.2	159.4	149.3	138.3	105.9	114.4	130.5	96.4	103.5	103.0	111.2	154.8	161.9
Transportation equipment, exc. automobiles..... do.....	283.1	1,059.1	993.9	925.2	496.5	420.4	361.3	338.0	326.9	294.4	289.3	306.4	297.5
Aircraft and parts (excluding engines)§..... do.....		1,283.6	1,191.7	1,084.4	394.5	319.9	305.6	304.1	298.9	296.2	294.4	302.3	310.5
Aircraft engines§..... do.....		1,949.7	1,869.5	1,732.9	372.2	331.1	300.3	246.2	239.7	239.0	252.2	294.1	301.7
Shipbuilding and boatbuilding§..... do.....		1,066.8	997.9	934.7	643.3	631.8	413.0	382.3	359.6	328.7	315.7	306.3	276.8
Nonferrous metals and products..... do.....	148.2	178.4	167.6	165.1	131.2	133.0	139.3	142.2	145.3	126.8	137.9	144.6	147.1
Lumber and timber basic products..... do.....	143.8	124.5	124.2	124.7	120.8	118.3	115.0	118.6	122.3	124.0	127.0	132.6	137.0
Sawmills..... do.....		75.4	74.7	74.7	72.1	66.5	67.1	68.5	70.0	70.2	71.7	74.7	77.0
Furniture and finished lumber products..... do.....	112.8	103.9	101.7	100.5	92.4	93.7	97.7	102.6	106.0	108.1	109.9	111.5	111.4
Furniture..... do.....		92.7	90.4	88.6	80.6	82.0	85.3	90.1	94.0	95.4	97.0	98.4	98.4
Stone, clay, and glass products..... do.....	132.4	109.6	108.1	108.1	105.7	108.8	108.5	108.5	114.3	121.4	124.9	128.4	129.7
Nondurable goods industries..... do.....	124.4	119.5	118.0	117.9	115.6	115.7	116.2	118.4	119.2	121.4	123.1	123.5	123.0
Textile-mill products and other fiber manufactures..... 1939=100.....	104.8	93.6	91.8	91.7	91.9	92.4	92.9	97.3	98.6	101.2	102.8	103.4	103.6
Cotton manufactures, except small wares..... do.....		104.5	103.3	102.9	102.8	102.1	100.7	107.0	108.3	110.4	111.7	112.0	111.9
Silk and rayon goods..... do.....		72.1	70.5	70.9	70.9	71.1	70.5	72.7	73.0	74.4	75.0	75.4	75.7
Woolen and worsted manufactures (except dyeing and finishing)..... 1939=100.....		94.1	90.5	90.0	91.3	93.5	95.8	98.8	99.9	103.1	105.9	106.6	106.7
Apparel and other finished textile products..... do.....	130.1	115.9	110.0	113.6	115.3	117.5	117.8	118.9	121.0	125.8	128.6	128.9	128.3
Men's clothing..... do.....		89.8	86.0	85.0	82.5	82.4	81.1	81.1	82.6	85.3	86.8	87.4	87.8
Women's clothing..... do.....		71.3	64.6	70.1	74.4	75.5	74.8	75.1	76.3	78.7	80.4	80.1	78.2
Leather and leather products..... do.....	103.3	91.3	90.1	90.2	88.0	90.3	92.5	95.2	97.4	109.4	102.4	102.5	102.6
Boots and shoes..... do.....		78.7	77.7	77.6	75.5	77.7	79.6	81.6	83.5	85.8	87.9	88.5	88.4
Food and kindred products..... do.....	120.0	120.4	127.5	129.0	138.4	130.6	127.0	126.2	123.0	122.2	121.0	119.8	118.3
Baking..... do.....		110.4	108.4	107.9	108.8	109.6	110.2	109.8	110.2	109.7	110.3	107.3	103.5
Canning and preserving..... do.....		78.8	123.8	133.5	176.3	124.8	192.7	79.8	68.8	66.9	63.2	68.2	70.0
Slaughtering and meat packing..... do.....		106.0	105.7	103.2	105.0	105.3	110.0	122.6	126.7	125.5	122.0	115.2	113.0

† Revised.  
 § For 1941-43 data for shipbuilding see p. 19 of December 1944 Survey; 1939-44 data for aircraft and aircraft engines are on p. 20 of the August 1945 issue. For data for December 1941-1942 for machine tools, see note marked "†" on p. S-10 of the November 1943 Survey.  
 \* New series. Data beginning 1939 for the estimates of production workers for individual manufacturing industries will be shown later; data published in the Survey beginning with the December 1942 issue, except as indicated in note marked "§", are comparable with figures published currently. Data for 1929-43 for all manufacturing, total durable goods and total nondurable goods industries, and the industry groups are shown on p. 22 of the December 1945 Survey, and revised data for January 1944-February 1945 are on p. 24 of the July 1946 issue.  
 † Revised series. The indexes of production-worker employment and of production-worker pay rolls (pp. S-12 and S-13) have been completely revised; for 1939-41 data for the individual industries (except as indicated in note marked "§") and 1939-40 data for the unadjusted series for all manufacturing, total durable goods and total nondurable goods industries, and the industry

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945					1946					
	June	June	July	August	September	October	November	December	January	February	March	April	May
<b>EMPLOYMENT CONDITIONS AND WAGES—Continued</b>													
<b>EMPLOYMENT—Continued</b>													
Production workers, index, unadjusted†—Continued.													
Nondurable goods industries—Continued.													
Tobacco manufactures..... 1939=100	91.3	86.1	83.4	84.3	89.5	92.2	89.2	87.8	87.0	87.3	87.9	90.8	† 91.2
Paper and allied products..... do	137.0	118.5	116.4	117.0	117.5	120.9	122.9	126.3	128.6	131.0	132.9	134.5	† 135.3
Paper and pulp..... do		104.9	103.4	104.1	103.3	105.8	107.8	111.4	113.9	116.3	117.9	119.4	† 120.2
Printing, publishing, and allied industries..... do	114.7	97.5	96.8	98.3	98.8	102.5	105.9	108.1	109.4	112.1	113.5	114.2	† 114.3
Newspapers and periodicals..... do		92.2	90.5	92.6	94.8	97.2	101.0	102.7	103.1	105.3	107.0	108.1	† 109.0
Printing, book and job..... do		103.8	103.8	105.4	105.4	110.0	112.9	115.5	117.6	120.9	122.1	122.2	† 121.3
Chemicals and allied products..... do	166.9	232.8	223.2	208.3	172.1	168.5	169.1	169.2	169.7	170.3	171.4	170.9	† 167.4
Chemicals..... do		164.8	162.4	161.2	160.5	157.0	159.0	162.2	164.7	165.1	165.9	169.6	† 169.6
Products of petroleum and coal..... do	140.6	127.4	128.0	128.0	123.3	123.6	131.3	132.3	134.0	130.8	136.7	138.2	† 136.9
Petroleum refining..... do		127.3	127.6	127.5	120.4	121.5	130.6	130.6	131.9	132.3	133.1	133.7	† 134.4
Rubber products..... do	184.8	164.5	160.5	158.0	136.5	154.4	160.1	168.2	172.7	177.1	181.5	182.0	† 182.7
Rubber tires and inner tubes..... do		166.7	162.1	159.3	132.7	163.0	168.9	177.8	182.4	187.3	191.6	192.8	† 193.4
Production workers, adjusted index, all manufacturing (Federal Reserve)†..... 1939=100	138.7	157.2	151.7	147.6	127.8	127.2	127.8	128.1	130.7	122.4	130.3	136.7	† 138.1
Durable goods industries†..... do	156.2	204.3	195.2	187.5	144.8	142.6	143.3	141.2	144.4	122.9	† 138.6	151.9	† 154.8
Nondurable goods industries†..... do	128.0	120.1	117.4	116.1	114.5	115.1	115.6	117.8	119.8	122.0	123.7	124.7	† 124.9
Nonmanufacturing, unadjusted (U. S. Dept. of Labor):													
Mining:†													
Anthracite..... 1939=100		78.9	77.6	77.4	77.6	78.1	78.2	79.0	79.3	81.1	81.7	81.4	† 81.0
Bituminous coal..... do		92.3	89.2	87.1	87.6	70.8	88.2	89.8	91.2	92.0	92.2	20.1	† 69.8
Metalliferous..... do		72.3	76.0	74.6	73.1	72.2	73.2	75.2	76.3	72.0	63.1	† 60.4	† 72.3
Quarrying and nonmetallic..... do		80.5	81.3	81.7	82.5	83.9	85.0	83.8	83.3	84.2	88.8	† 93.8	† 95.7
Crude petroleum and natural gas†..... do		83.6	83.8	84.2	84.0	84.9	86.7	88.4	90.0	91.0	90.8	91.8	† 92.7
Public utilities:†													
Electric light and power..... do	100.0	82.8	83.6	84.1	84.5	85.7	88.1	90.7	92.9	94.7	96.4	97.7	† 98.6
Street railways and busses..... do	127.5	117.3	116.8	117.3	118.0	119.2	121.7	122.7	123.7	125.7	126.1	127.0	† 127.6
Telegraph..... do		117.9	119.3	119.4	121.2	123.2	124.8	126.4	127.4	128.2	128.2	119.8	† 113.5
Telephone..... do	170.9	129.5	131.9	133.1	133.5	135.6	139.4	143.0	146.3	153.7	158.6	163.5	† 167.4
Services:†													
Dyeing and cleaning..... do	131.9	122.0	121.2	117.3	122.3	124.7	120.6	119.9	120.3	121.5	124.3	130.3	† 129.5
Power laundries..... do	112.6	107.2	108.3	106.1	106.6	107.4	106.7	107.8	109.3	109.0	109.6	110.0	† 110.7
Year-round hotels..... do	120.5	109.5	109.4	109.9	112.2	115.0	116.5	117.6	117.3	118.7	119.3	118.9	† 120.1
Trade:													
Retail, total†..... do	106.3	96.2	94.9	93.8	97.6	101.2	106.2	116.0	104.1	104.3	† 106.0	109.0	† 106.8
Food*..... do		101.0	100.0	99.9	102.0	104.6	106.5	108.0	106.6	106.9	106.9	106.3	† 105.0
General merchandising†..... do		111.2	107.9	104.7	110.4	115.9	127.4	152.5	116.8	114.6	118.6	125.3	† 120.0
Wholesale†..... do	106.0	94.4	94.9	95.8	97.0	99.4	101.8	104.1	104.7	105.5	106.6	106.7	† 106.0
Water transportation*..... do	238.3	303.0	310.0	313.4	320.5	311.0	315.1	316.7	314.8	316.9	297.8	275.3	† 250.6
Miscellaneous employment data:													
Federal and State highways, total..... number	144,182	144,082	153,223	151,474	151,460	145,068	139,964	139,381	142,074	150,013	165,762	184,179	
Construction (Federal and State)..... do	24,366	24,157	28,419	30,812	30,684	24,894	16,674	14,908	16,277	21,000	31,871	45,084	
Maintenance (State)..... do	95,006	94,730	99,512	95,722	94,902	93,548	95,317	95,458	95,596	97,814	100,683	104,445	
Federal civilian employees:†													
United States..... thousands	2,322	2,915	2,900	† 2,851	† 2,613	† 2,513	† 2,456	† 2,411	† 2,406	† 2,402	† 2,379	† 2,394	† 2,360
District of Columbia..... do	235	258	256	251	240	233	230	229	233	236	237	238	236
Railway employees (class I steam railways):													
Total..... thousands	† 1,357	1,482	1,480	1,476	1,439	1,424	1,435	1,428	1,422	1,393	1,397	† 1,375	† 1,335
Indexes: Unadjusted†..... 1935-39=100	† 130.3	142.5	142.2	141.9	138.3	136.9	137.9	136.9	136.5	133.9	† 134.1	† 132.0	† 128.1
Adjusted†..... do	† 128.5	140.6	139.2	139.0	135.0	132.4	136.6	139.1	142.0	137.3	† 137.5	† 134.2	† 128.6
<b>LABOR CONDITIONS</b>													
Average weekly hours per worker in manufacturing:													
Nat. Indus. Conf. Bd. (25 industries)..... hours	45.2	44.3	43.4	42.3	42.3	41.9	41.7	40.6	39.2	40.7	40.4	39.0	
U. S. Dept. of Labor, all manufacturing†..... do	† 39.9	44.6	44.0	40.7	41.4	41.6	41.2	41.5	41.0	40.5	† 40.7	† 40.5	† 39.7
Durable goods industries*..... do	† 39.7	45.8	44.9	41.1	41.0	41.6	41.1	41.4	40.8	40.0	† 40.4	† 40.4	† 39.2
Iron and steel and their products*..... do		46.0	45.2	41.7	40.4	42.1	42.1	42.5	41.1	39.1	40.0	39.9	† 38.3
Blast furnaces, steel works, and rolling mills*..... hours		45.6	45.1	42.2	41.2	40.4	40.8	41.0	38.5	30.4	37.9	37.6	35.5
Electrical machinery*..... do		45.7	45.3	41.2	40.8	41.1	41.3	41.5	41.3	40.3	† 40.3	† 40.2	38.8
Machinery, except electrical*..... do		47.7	46.7	42.7	43.0	43.0	42.6	42.9	42.0	41.4	† 41.7	† 41.5	40.2
Machinery and machine-shop products*..... do		47.8	46.6	42.7	42.6	43.1	42.9	42.8	42.5	42.3	41.7	42.2	40.8
Machine tools*..... do		48.9	47.7	45.6	44.7	44.1	43.9	44.4	44.4	43.3	43.6	42.6	41.6
Automobiles*..... do		43.8	42.3	33.5	36.5	38.4	37.8	36.0	37.5	34.5	† 37.0	† 37.4	35.8
Transportation equipment, except autos*..... do		46.2	45.8	41.7	38.8	39.9	37.4	39.7	40.0	39.0	† 40.0	39.9	39.2
Aircraft and parts (excluding engines)*..... do		46.9	45.9	40.7	38.1	40.1	39.7	40.8	41.1	40.8	41.0	† 41.4	40.8
Aircraft engines*..... do		44.2	43.6	37.2	36.7	39.0	37.6	40.3	40.9	42.1	41.9	41.8	41.4
Shipbuilding and boatbuilding*..... do		46.3	46.6	43.6	38.7	38.2	35.0	38.3	38.8	37.3	38.8	38.5	37.7
Nonferrous metals and products*..... do		46.2	45.7	43.3	42.5	43.2	43.2	43.3	43.3	43.2	† 42.2	† 41.8	41.2
Lumber and timber basic products*..... do		44.0	41.4	40.5	40.8	42.2	40.5	39.0	38.8	40.1	41.1	41.3	40.9
Furniture and finished lumber products*..... do		44.1	43.3	40.6	42.3	42.7	42.0	42.5	41.8	42.3	† 42.5	42.3	41.3
Stone, clay, and glass products*..... do		43.8	43.4	41.6	41.8	42.5	42.0	41.9	40.7	41.1	41.6	† 41.3	40.2
Nondurable goods industries*..... do	† 40.1	43.1	42.8	40.3	41.8	41.5	41.3	41.5	41.2	40.9	40.9	40.6	40.1
Textile-mill products and other fiber manufactures*..... hours		41.8	41.3	38.4	40.6	40.4	40.3	40.7	40.4	40.5	40.4	40.3	39.8
Apparel and other finished textile products*..... hours		37.2	36.7	33.2	36.2	36.7	36.1	36.4	36.7	36.5	37.5	37.2	36.9
Leather and leather products*..... do		42.1	41.7	39.3	40.6	40.9	39.6	40.6	39.9	40.4	40.8	40.5	39.6
Food and kindred products*..... do		45.6	45.8	43.3	44.7	44.1	44.4	45.3	44.9	44.3	42.9	† 42.8	42.3
Tobacco manufactures*..... do		42.8	41.0	39.0	42.3	42.0	40.4	39.1	39.3	38.5	39.7	39.2	39.5
Paper and allied products*..... do		46.4	46.3	44.0	45.9	45.8	45.7	45.6	44.3	43.9	43.9	43.5	42.8
Printing and publishing and allied industries*..... hours		41.6	41.5	40.7	42.2	41.6	41.7	41.5	41.1	40.8	41.2	† 40.9	40.4
Chemicals and allied products*..... do		45.4	45.1	43.4	43.4	43.3	42.5	42.5	42.0	41.7	41.6	41.4	40.8
Products of petroleum and coal*..... do		47.8	47.7	46.9	44.9	42.6	44.0	42.9	41.7	41.6	40.8	40.2	39.7
Rubber products*..... do		45.2	45.5	41.8	43.0	41.4	40.2	40.9	41.7	40.8	40.8	40.3	39.4

† Revised. \* Preliminary. † See note marked "†".  
 ‡ Data beginning August 1942 are available in the November 1943 Survey; earlier data will be published later.  
 § Total includes State engineering, supervisory and administrative employees not shown separately.  
 ¶ United States totals beginning August 1945 include approximately 53,000 clerks at third-class post offices and substitute rural carriers not reported previously; see also note in July 1944 Survey regarding changes in the data beginning in 1943. December figures do not include excess temporary post office substitutes employed only at Christmas.  
 \* New series. Indexes beginning 1939 for employment in retail food establishments and beginning 1940 for water transportation are shown on p. 31 of the June 1943 Survey. Data beginning 1939 for all series on average hours will be published later; data beginning March 1944 for the aircraft engines industry and beginning March 1942 for other series are available in previous issues of the Survey.  
 † Revised series. See note marked "†" on p. S-10 regarding revisions in the indexes of employment in manufacturing industries and sources of revised data. Data for 1937-43 for the index of employment and pay rolls in the telephone industry are on p. 20 of the May 1945 Survey and data beginning 1937 for the telegraph industry will be published later; data for 1939-41 for the other Department of Labor series on nonmanufacturing employment and pay rolls are on p. 31 of the June 1943 Survey. The index of railway employees has been shown on a revised basis beginning in the May 1943 Survey; earlier revisions will be published later. Data beginning January 1944 for the series on average weekly hours in all manufacturing industries are available in the March 1943 and subsequent issues of the Survey; revised data prior to 1942 have not been published in the Survey and will be shown in a later issue.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	June	June	July	August	Sep-tember	Octo-ber	Novem-ber	Decem-ber	January	Febru-ary	March	April

EMPLOYMENT CONDITIONS AND WAGES—Continued

LABOR CONDITIONS—Continued														
Average weekly hours per worker in nonmanufacturing industries (U. S. Department of Labor):*														
Building construction.....hours.....	40.4	40.1	40.3	38.1	38.7	37.2	37.1	37.7	37.3	37.5	38.2	37.4		
Mining:														
Anthracite.....do.....	41.1	39.4	37.1	37.0	41.2	35.8	39.6	36.4	41.2	41.0	38.6	41.7		
Bituminous coal.....do.....	46.2	40.8	40.1	42.3	32.2	44.9	45.7	43.3	45.5	45.9	27.0	28.1		
Metalliferous.....do.....	45.4	43.9	42.0	43.0	44.3	43.0	42.0	41.1	35.8	40.2	41.6	37.4		
Quarrying and nonmetallic.....do.....	48.2	48.0	46.6	46.5	47.2	46.1	44.2	43.3	44.1	45.1	46.3	44.3		
Crude petroleum and natural gas.....do.....	46.3	45.0	46.8	45.4	44.4	43.9	41.0	41.1	40.7	40.8	40.7	40.6		
Public utilities:														
Electric light and power.....do.....	44.4	43.4	44.3	43.0	43.3	42.7	42.0	42.7	42.4	41.6	41.6	41.3		
Street railways and busses.....do.....	62.2	61.6	62.3	51.3	50.9	50.3	50.7	49.2	49.2	49.4	49.0	49.2		
Telegraph.....do.....	46.2	46.0	48.2	45.9	45.4	45.0	44.5	44.0	44.1	43.7	43.8	44.2		
Telephone.....do.....	41.4	41.8	44.1	41.5	41.9	42.1	41.1	40.1	40.7	40.2	39.5	39.4		
Services:														
Dyeing and cleaning.....do.....	43.8	44.2	41.5	43.1	43.5	42.4	43.0	43.1	42.5	43.4	44.0	42.9		
Power laundries.....do.....	43.4	44.0	42.4	43.4	43.2	42.7	43.3	43.6	43.3	43.5	43.5	43.1		
Trade:														
Retail.....do.....	40.7	41.9	41.2	40.7	40.3	40.0	40.1	40.5	40.5	40.5	40.3	40.3		
Wholesale.....do.....	42.8	43.1	42.4	42.4	42.6	42.3	42.0	41.8	41.9	41.9	41.8	41.7		
Industrial disputes (strikes and lockouts):*														
Strikes beginning in month:														
Strikes.....number.....	350	452	523	447	473	474	358	134	325	260	385	465	360	
Workers involved.....thousands.....	150	332	525	271	526	551	420	50	1,400	130	160	575	560	
Man-days idle during month.....do.....	3,800	1,856	1,769	1,712	4,341	8,611	6,935	7,718	19,200	21,500	14,000	15,500	11,500	
U. S. Employment Service placement activities:														
Nonagricultural placements.....thousands.....	479	1,042	1,014	825	614	601	484	380	412	359	421	461	457	
Unemployment compensation (Social Security Board):														
Initial claims.....thousands.....	762	269	268	1,230	1,086	918	779	745	1,234	946	774	680	1,120	
Continued claims.....do.....	5,415	810	1,081	1,532	4,724	6,671	6,502	6,564	8,258	7,327	7,464	6,649	6,497	
Benefit payments:														
Beneficiaries, weekly average.....do.....	1,175	129	185	231	612	1,272	1,313	1,319	1,624	1,632	1,592	1,402	1,315	
Amount of payments.....thous. of dol.....	193,000	9,686	14,352	17,948	50,439	106,449	108,555	106,624	133,246	121,000	127,013	110,672	103,889	
Veterans' unemployment allowances:*														
Initial claims.....thousands.....	603	32	42	74	112	260	426	567	1,030	908	801	690	741	
Continued claims.....do.....	6,982	160	203	261	400	774	1,415	2,401	4,594	5,853	7,353	7,685	7,680	
Number receiving allowances, weekly average.....do.....	1,744	32	38	44	73	123	218	405	695	1,071	1,507	1,626	1,782	
Amount of payments.....thous. of dol.....	150,223	3,572	3,777	5,013	7,457	14,088	25,770	42,217	83,322	112,195	148,958	160,071	155,175	
Labor turn-over in manufacturing establishments:†														
Accession rate.....monthly rate per 100 employees.....	5.9	5.8	5.9	7.4	8.6	8.7	6.9	8.5	6.8	7.1	6.7	5.9		
Separation rate, total.....do.....	7.9	7.7	17.9	12.0	8.6	7.1	5.9	6.8	6.3	6.6	6.3	6.2		
Discharges.....do.....	7	6	7	6	5	5	4	5	5	4	4	4		
Lay-offs.....do.....	1.7	1.5	10.7	4.5	2.3	1.7	1.3	1.8	1.7	1.8	1.4	1.5		
Quits.....do.....	5.1	5.2	6.2	6.7	5.6	4.7	4.0	4.3	3.9	4.2	4.3	4.1		
Military and miscellaneous.....do.....	4	4	3	2	2	2	2	2	2	2	2	2		
PAY ROLLS														
Production-workers pay rolls, unadjusted index, all manufacturing (U. S. Dept. of Labor)†, 1939=100	314.6	298.7	267.3	224.2	222.0	222.9	226.2	229.2	210.5	232.9	248.5	246.2		
Durable goods industries.....do.....	414.2	387.1	335.4	246.2	243.7	241.8	240.0	243.0	159.6	236.8	265.9	263.1		
Iron and steel and their products.....do.....	308.3	289.7	255.8	206.9	207.3	210.4	220.5	216.1	127.2	211.7	228.0	218.4		
Blast furnaces, steel works, and rolling mills.....do.....	222.8	217.3	199.2	175.3	169.4	173.6	181.2	173.2	47.6	181.5	186.0	169.2		
Electrical machinery.....do.....	490.0	460.6	399.2	268.5	289.1	301.9	308.5	302.6	211.1	274.1	286.8	315.2		
Machinery, except electrical.....do.....	407.0	384.4	338.4	285.7	284.1	283.3	288.7	297.5	255.3	277.9	360.7	310.4		
Machinery and machine-shop products.....do.....	366.4	365.9	323.6	266.4	268.4	263.4	266.4	272.8	239.4	258.0	260.1	288.5		
Machine tool.....do.....	353.4	328.8	303.9	260.5	254.9	233.0	244.5	262.3	238.2	258.8	261.4	259.6		
Automobiles.....do.....	281.6	253.1	183.5	151.2	171.8	192.2	135.5	153.5	142.4	166.9	241.1	214.6		
Transportation equipment, except automobiles.....do.....	2,223.5	2,068.0	1,742.2	844.1	713.5	583.5	577.2	559.1	491.5	507.0	558.1	537.8		
Aircraft and parts (excluding engines)†.....do.....	2,546.2	2,310.4	1,854.8	624.5	537.4	462.5	420.4	514.3	520.4	524.0	551.5	563.9		
Aircraft engines.....do.....	3,231.9	3,042.5	2,375.9	469.7	444.3	389.7	346.3	376.6	369.1	384.4	450.6	482.8		
Shipbuilding and boatbuilding.....do.....	2,327.7	2,193.4	1,919.9	1,115.9	893.4	637.9	641.2	627.5	590.4	548.5	554.3	494.7		
Nonferrous metals and products.....do.....	337.9	313.1	292.2	223.3	230.4	243.5	270.4	256.1	228.7	247.8	261.1	265.0		
Lumber and timber basic products.....do.....	239.7	222.1	219.3	215.3	199.0	194.8	199.4	207.7	219.9	234.5	248.2	261.8		
Sawmills (incl. logging camps).....do.....	147.6	133.9	133.8	130.3	117.4	114.0	114.1	118.2	123.0	131.9	139.8	147.2		
Furniture and finished lumber products.....do.....	195.9	188.2	171.5	164.0	168.8	173.2	188.1	192.9	200.4	209.0	214.6	212.3		
Furniture.....do.....	173.3	165.7	150.4	140.8	147.1	151.1	164.3	169.3	176.7	184.3	189.7	188.3		
Stone, clay, and glass products.....do.....	189.8	185.6	179.8	175.7	183.2	185.4	181.7	185.4	204.6	217.2	226.0	225.6		
Nondurable goods industries.....do.....	217.3	212.1	200.6	202.6	202.6	204.5	212.7	215.7	221.3	229.2	231.5	229.7		
Textile-mill products and other fiber mfrs.....do.....	177.3	172.6	162.1	169.7	171.3	174.8	188.0	190.7	203.7	212.6	215.8	214.8		
Cotton manufactures, exc. small wares.....do.....	210.3	209.8	192.9	201.0	198.6	199.9	216.2	217.0	230.0	242.3	246.3	244.3		
Silk and rayon goods.....do.....	142.1	138.4	133.9	138.2	143.0	142.0	148.8	149.4	168.3	163.6	166.5	166.9		
Woolen and worsted manufactures (except dyeing and finishing).....do.....	186.7	177.2	167.2	175.4	178.3	184.0	200.0	206.6	226.9	234.2	238.5	237.7		
Apparel and other finished textile products.....do.....	267.6	191.2	180.6	208.4	213.5	208.0	215.0	228.0	240.2	263.6	263.5	258.8		
Men's clothing.....do.....	164.2	151.5	135.0	141.4	141.0	136.9	140.7	148.0	158.1	170.0	174.1	175.6		
Women's clothing.....do.....	125.1	109.2	108.4	138.4	141.9	136.4	149.9	149.4	153.3	172.6	163.1	163.1		
Leather and leather products.....do.....	173.1	167.8	167.8	160.2	165.0	165.3	179.2	185.2	194.5	202.1	203.9	203.1		
Boots and shoes.....do.....	154.1	149.0	141.2	140.3	144.2	145.7	157.1	164.0	171.1	182.7	185.3	184.6		
Food and kindred products.....do.....	202.6	212.7	205.6	226.6	215.9	214.9	220.4	215.0	206.6	206.6	205.4	202.5		
Baking.....do.....	174.1	174.6	170.9	173.6	176.8	181.4	181.2	180.1	181.2	182.8	179.3	170.8		
Canning and preserving.....do.....	156.9	290.2	249.4	351.6	251.7	179.4	167.3	144.1	136.6	132.1	149.4	149.7		
Slaughtering and meat packing.....do.....	177.9	175.0	168.2	177.6	173.1	185.2	214.9	217.9	199.4	191.1	180.9	180.8		
Tobacco manufactures.....do.....	164.5	151.9	149.3	176.0	181.7	172.2	164.1	166.7	165.2	171.3	174.6	181.1		
Paper and allied products.....do.....	202.0	198.0	189.2	200.7	206.9	211.0	219.0	221.7	226.2	233.3	235.9	237.4		
Paper and pulp.....do.....	183.8	180.7	171.7	180.5	186.7	190.0	196.6	198.4	203.6	208.1	210.6	212.6		
Printing, publishing, and allied industries.....do.....	139.6	137.8	140.0	147.7	150.7	158.5	163.2	165.7	171.2	177.2	178.9	179.5		
Newspapers and periodicals*.....do.....	121.7	119.7	128.6	130.3	132.9	138.3	141.9	143.5	148.9	154.4	157.9	160.9		
Printing, book and job*.....do.....	155.6	155.1	151.9	166.5	168.6	178.1	184.7	188.8	193.9	200.2	199.9	197.0		

\* Revised. † See note marked "§" on p. S-10. ‡ Small revisions in the date for January 1940 to May 1944 are available on request. § Partly estimated.  
 † Number of continued claims filed during week ended the last Saturday of the month; the series on average number receiving payment has been discontinued.  
 \* 1946 data are preliminary estimates; unpublished revisions for January-April 1945: Strikes—Jan., 234; Feb., 279; Mar., 382; Apr., 431; workers involved—Jan., 47,000; man-days idle—Jan., 199,000; Feb., 388,000; Apr., 1,472,000.  
 ‡ Data beginning April 1945 are not comparable with earlier data. See note for hours and earnings in telephone industry at bottom of p. S-13 of April 1946 Survey.  
 § Rates refer to all employees rather than to wage earners and are therefore not strictly comparable with data prior to 1943 published in the Survey.  
 ¶ New series. Data on average hours for the telephone industry for 1937-43 are shown on p. 20 of the May 1945 Survey (see also note "¶" above) and data for the telegraph industry beginning June 1943 (the earliest available) are given in note on p. S-11 of the January 1945 issue; data beginning March 1942 for all other series on average hours are available in the May 1943 Survey and data back to 1939 will be published later. The new series on veterans' unemployment allowances relate to readjustment allowances payable under the Servicemen's Readjustment Act of 1944; data beginning September 1944 will be shown later. Indexes of pay rolls for the printing and publishing subgroups beginning August 1942 are on p. S-12 of the November 1943 Survey; data back to 1939 will be published later. Data beginning 1939 for the series on initial unemployment compensation claims will be shown later (see note in April 1946 Survey for definition of initial claims).  
 ¶ Revised series. Data beginning June 1942 for nonagricultural placements are available in the August 1943 Survey; earlier data will be published later. For information regarding the revised indexes of production-worker pay rolls in manufacturing industries, see note marked "†" on p. S-10.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1944				
	June	July	August	September	October	November	December	January	February	March	April	May	

EMPLOYMENT CONDITIONS AND WAGES—Continued

PAY ROLLS—Continued												
Production-worker pay rolls, mfg., unadj.†—Con.												
Nondurable goods industries—Continued.												
Chemicals and allied products..... 1939=100.....	417.6	397.8	257.2	232.2	284.9	281.8	283.4	285.2	284.7	290.0	291.2	285.7
Chemicals..... do.....	258.5	291.8	288.2	273.6	261.3	260.8	267.0	276.8	272.5	270.3	282.7	281.0
Products of petroleum and coal..... do.....	230.6	234.6	229.8	212.1	158.0	222.9	222.2	220.9	221.3	231.0	233.5	229.5
Petroleum refining..... do.....	224.4	227.7	224.3	203.5	189.7	215.5	212.6	210.6	217.4	217.9	221.3	221.5
Rubber products..... do.....	264.3	258.7	265.7	231.3	254.2	257.8	275.5	250.1	292.1	302.8	324.9	327.6
Rubber tires and inner tubes..... do.....	293.8	286.8	249.7	211.4	239.8	240.2	256.7	272.6	271.9	281.1	312.9	314.2
Nonmanufacturing, unadjusted (U. S. Dept. of Labor):												
Mining†												
Anthracite..... 1929=100.....	145.4	142.7	148.0	149.8	170.8	144.5	167.1	149.3	178.3	178.5	165.1	180.4
Bituminous coal..... do.....	227.6	190.7	188.0	199.7	150.5	212.8	222.0	209.9	222.8	227.2	26.0	102.6
Metalliferous..... do.....	128.5	123.1	114.2	116.4	118.4	117.2	117.6	118.0	86.1	65.8	66.5	100.3
Quarrying and nonmetallic..... do.....	158.8	161.9	155.9	159.2	164.3	163.2	155.0	150.9	157.2	172.6	192.0	189.4
Crude petroleum and natural gas..... do.....	136.1	135.7	139.2	138.4	133.6	140.0	135.9	139.0	142.0	144.4	144.0	144.9
Public utilities†												
Electric light and power..... do.....	119.2	119.6	120.7	120.6	120.9	129.8	133.7	138.3	140.4	142.5	144.2	144.2
Street railways and buses..... do.....	178.2	177.1	178.7	177.1	178.1	179.1	184.0	181.4	187.2	187.2	191.4	195.2
Telephone..... do.....	175.3	175.0	200.4	177.2	177.6	177.9	178.8	155.3	176.9	177.1	179.5	175.6
Telephone..... do.....	172.6	177.7	195.7	181.7	189.0	200.3	203.5	205.2	230.7	237.0	246.1	253.7
Services†												
Dyeing and cleaning..... do.....	199.8	197.7	179.9	199.2	207.6	193.5	196.9	201.7	199.1	213.4	231.0	227.1
Power laundries..... do.....	166.3	169.7	160.5	168.1	169.1	168.9	174.3	178.7	177.0	181.3	183.3	186.2
Year-round hotels..... do.....	171.5	171.2	172.0	177.2	184.6	190.6	196.1	196.4	199.8	201.1	201.1	205.2
Trade												
Retail, total†..... do.....	134.2	136.4	132.0	138.7	144.2	151.9	167.6	154.9	157.1	160.9	167.8	166.2
Food..... do.....	142.8	145.5	144.7	145.7	149.7	154.9	159.5	159.7	161.7	163.9	165.7	166.1
General merchandising†..... do.....	148.3	148.0	141.2	150.0	157.7	172.4	200.2	165.8	165.5	173.3	186.2	180.5
Wholesale†..... do.....	141.9	144.7	141.3	145.6	150.7	155.2	159.2	161.2	165.0	167.5	169.8	169.6
Water transportation*..... do.....	744.5	755.5	664.0	609.6	566.8	582.1	583.1	575.3	577.3	550.6	509.0	486.3
WAGES												
Manufacturing industries, average weekly earnings:												
Natl. Ind. Con. Bd. (25 industries)..... dollars.....	50.83	49.66	47.73	45.74	45.50	45.42	45.72	44.62	43.56	46.44	46.92	45.65
U. S. Dept. of Labor, all manufacturing..... do.....	43.10	46.32	45.45	41.72	40.87	40.77	41.21	41.15	40.58	42.15	42.87	42.46
Durable goods industries..... do.....	45.68	51.74	50.66	45.72	43.95	44.23	43.71	44.68	43.67	44.79	45.70	45.02
Iron and steel and their products†..... do.....	51.34	50.41	46.31	45.48	45.40	45.51	46.38	44.95	42.45	46.80	47.31	45.69
Blast furnaces, steel works, and rolling mill†..... dollars.....	55.29	54.89	50.74	47.51	46.22	46.81	47.23	44.93	36.75	48.93	48.92	46.23
Electrical machinery†..... do.....	48.53	47.91	42.78	41.37	42.39	42.98	43.58	43.52	41.49	41.81	44.09	44.18
Machinery, except electrical†..... do.....	54.91	53.58	48.41	48.12	48.12	47.00	48.63	47.84	47.53	48.82	48.87	48.47
Machinery and machine-shop products†..... do.....	53.78	52.57	47.81	47.15	47.00	47.58	47.98	47.81	47.91	48.29	49.26	48.55
Machine tools..... do.....	58.23	56.37	53.03	51.23	51.65	52.35	53.80	53.07	52.19	52.52	51.92	52.01
Automobile†..... do.....	55.55	53.29	41.70	44.65	46.56	45.99	43.89	46.19	43.01	46.75	48.63	47.15
Transportation equipment, except auto†..... do.....	60.03	59.65	54.07	48.18	48.42	46.76	49.18	49.29	48.09	50.51	52.54	52.12
Aircraft and parts (excluding engines)..... do.....	56.07	54.87	48.43	44.81	47.00	46.98	48.40	48.84	49.91	50.53	51.51	51.41
Aircraft engines..... do.....	57.16	56.16	47.31	45.56	46.37	44.91	45.67	51.48	53.43	52.80	54.14	55.34
Shipbuilding and boatbuilding..... do.....	64.15	64.62	60.46	51.06	49.70	45.56	49.44	49.47	47.61	51.32	53.46	52.93
Nonferrous metals and products†..... do.....	49.55	48.81	46.15	44.41	45.50	45.71	46.08	46.13	47.13	46.92	47.24	47.13
Lumber and timber basic products†..... do.....	36.20	33.42	32.91	33.41	33.08	31.58	31.78	32.15	33.52	34.88	35.34	36.04
Sawmills (incl. logging camps)..... do.....	35.22	35.50	31.13	32.38	31.86	30.69	30.15	30.58	31.91	33.47	34.02	34.75
Furniture and finished lumber products†..... do.....	37.54	36.89	33.89	35.21	35.59	35.44	36.50	36.07	37.78	38.23	37.90	37.90
Furniture..... do.....	38.01	37.36	34.49	35.39	36.79	36.21	37.21	36.56	37.46	38.46	39.16	38.84
Stone, clay, and glass products†..... do.....	40.69	40.38	39.68	39.12	39.41	38.65	39.33	38.33	39.76	40.18	41.45	40.95
Nondurable goods industries..... do.....	40.25	38.95	36.03	37.50	37.76	37.89	38.52	38.75	39.01	39.85	40.12	39.94
Textile-mill products and other fiber manufactures..... dollars.....	31.67	31.50	29.60	31.61	31.25	21.65	32.41	32.44	33.76	34.09	34.98	34.80
Cotton manufacturers, except smallwares†..... dollars.....	29.01	29.38	27.13	28.32	28.21	28.72	26.25	29.01	30.14	31.36	31.70	31.58
Silk and rayon goods..... do.....	21.28	31.26	30.07	31.05	31.86	31.92	32.48	32.42	33.74	34.74	35.10	35.11
Woolen and worsted manufactures (except dyeing and finishing)†..... dollars.....	36.83	36.59	34.59	35.84	35.60	25.71	37.64	38.52	41.04	41.29	41.81	41.67
Apparel and other finished textile products†..... dollars.....	31.26	30.38	28.06	31.81	32.12	31.16	31.88	33.24	33.70	36.01	35.90	35.24
Men's clothing..... do.....	34.38	32.32	30.10	32.40	32.28	21.58	32.77	33.88	34.94	37.04	37.50	37.68
Women's clothing..... do.....	38.15	36.72	35.75	40.87	41.45	40.11	41.07	42.95	42.50	46.83	46.29	45.55
Leather and leather products†..... do.....	36.12	35.47	33.62	34.62	34.82	33.93	35.74	36.03	36.69	37.37	37.58	37.38
Boots and shoes..... do.....	34.74	34.00	32.24	32.95	32.86	32.37	34.13	34.71	35.59	36.67	36.97	36.77
Food and kindred products†..... do.....	40.01	39.98	38.12	39.36	39.50	40.31	41.49	41.37	40.93	40.47	40.77	40.70
Baking..... do.....	39.37	40.27	39.66	39.83	40.21	41.37	41.28	40.95	41.15	41.49	41.74	41.07
Canning and preserving..... do.....	32.29	32.03	30.11	32.24	32.71	31.56	33.87	33.86	33.18	33.71	35.51	34.62
Slaughtering and meat packing..... do.....	45.08	45.08	41.57	45.81	44.54	45.78	47.51	46.68	43.23	42.56	42.77	43.67
Tobacco manufactures..... do.....	32.36	30.73	26.85	33.21	33.35	32.65	31.53	32.36	31.98	32.95	32.48	33.52
Paper and allied products†..... do.....	40.74	40.78	38.69	40.96	41.10	41.23	41.46	41.17	41.15	41.97	42.02	41.92
Paper and pulp..... do.....	44.20	44.26	41.86	44.46	44.56	44.81	44.67	44.68	44.34	44.80	44.75	44.89
Printing, publishing, and allied industries†..... dollars.....	46.93	46.62	46.60	48.89	48.01	48.83	49.28	49.36	49.80	50.93	50.97	51.05
Newspapers and periodicals*..... do.....	50.53	50.64	53.13	52.54	52.19	52.26	52.70	52.95	53.67	54.86	55.40	56.09
Printing, book and job*..... do.....	45.18	45.00	43.44	47.39	45.90	47.25	47.92	48.18	48.30	49.51	49.18	48.77
Chemicals and allied products†..... do.....	45.24	45.03	43.53	43.61	42.95	42.10	42.55	42.61	42.93	42.94	43.28	43.36
Chemicals..... do.....	54.23	54.11	53.96	51.46	51.03	49.25	49.56	50.66	49.91	50.25	50.58	50.43
Products of petroleum and coal..... do.....	57.72	58.01	57.28	54.70	51.35	53.54	53.05	52.66	53.45	53.30	53.57	53.14
Petroleum refining..... do.....	59.89	60.57	59.77	57.37	58.03	56.21	55.42	54.59	56.25	56.86	56.61	56.45
Rubber products†..... do.....	51.45	51.81	46.76	47.20	45.57	44.68	45.48	46.71	46.05	46.46	49.68	49.98
Rubber tires and inner tubes..... do.....	59.20	59.59	52.81	53.59	49.48	47.78	48.54	50.29	49.21	49.72	54.60	54.67

Revised. † Preliminary.

† Sample was changed in November 1942; data are not strictly comparable with figures prior to that month.

‡ Sample was changed in July 1942; data are not strictly comparable with figures prior to that month.

\* New series. Indexes of pay rolls beginning 1939 for retail food establishments and 1940 for water transportation are shown on p. 31 of the June 1943 Survey. Data beginning 1932 for the newspapers and printing, book and job, industries will be published later; see November 1943 Survey for data beginning August 1942. Data for the aircraft engine industry beginning 1939 will also be published later.

† Revised series. See note marked "†" on p. S-10 regarding revisions in the indexes of pay rolls in manufacturing industries and sources of revised data and note marked "†" on p. S-11 for sources of revised data for pay rolls in nonmanufacturing industries. 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 and data are not comparable with figures shown in earlier issues (see note marked "†" on p. S-13 of the July 1944 Survey); data prior to 1942 have not been published in the Survey and will be shown in a later issue; there were no revisions in the data for industries that do not carry a reference to this note.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	June	July	August	Septem-ber	Octo-ber	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May
<b>EMPLOYMENT CONDITIONS AND WAGES—Continued</b>													
<b>WAGES—Continued</b>													
<b>Manufacturing Industries, average hourly earnings:</b>													
Natl. Ind. Con. Bd. (25 industries)..... dollars.....		1.111	1.106	1.103	1.085	1.079	1.088	1.102	1.107	1.129	1.146	1.165	1.177
U. S. Dept. of Labor, all manufacturing..... do.....	‡ 1.080	1.038	1.033	1.024	.987	.985	.990	.994	1.004	1.002	* 1.035	* 1.058	1.071
<b>Durable goods industries:</b>	‡ 1.159	1.130	1.127	1.113	1.072	1.063	1.064	1.066	1.070	1.064	* 1.103	* 1.130	1.148
Iron and steel and their products..... do.....		1.112	1.114	1.109	1.089	1.078	1.082	1.091	1.095	1.084	* 1.169	* 1.186	1.193
Blast furnaces, steel works, and rolling mills..... do.....		1.214	1.218	1.204	1.171	1.143	1.146	1.155	1.169	(*)	1.260	1.265	1.298
Electrical machinery..... do.....		1.061	1.057	1.038	1.014	1.031	1.039	1.050	1.053	1.029	* 1.036	* 1.095	1.138
Machinery, except electrical..... do.....		1.150	1.148	1.134	1.119	1.118	1.124	1.134	1.139	1.147	* 1.172	* 1.179	1.207
Machinery and machine-shop products..... do.....		1.126	1.128	1.118	1.103	1.103	1.109	1.120	1.123	1.129	1.154	1.163	1.187
Machine tools..... do.....		1.191	1.182	1.176	1.152	1.172	1.193	1.210	1.210	1.206	1.214	1.220	1.251
Automobiles..... do.....		1.268	1.260	1.245	1.224	1.219	1.217	1.220	1.220	1.248	* 1.264	* 1.316	1.331
Transportation equipment, except autos..... do.....		1.800	1.301	1.267	1.264	1.250	1.244	1.239	1.231	1.234	* 1.264	* 1.316	1.331
Aircraft and parts (excluding engines)..... do.....		1.196	1.197	1.190	1.176	1.188	1.183	1.187	1.188	1.222	* 1.233	* 1.247	1.262
Aircraft engines..... do.....		1.293	1.287	1.271	1.188	1.188	1.194	1.208	1.258	1.268	* 1.259	* 1.294	1.336
Shipbuilding and boatbuilding..... do.....		1.285	1.285	1.286	1.319	1.297	1.301	1.292	1.273	1.278	* 1.324	* 1.389	1.401
Nonferrous metals and products..... do.....		1.072	1.068	1.067	1.044	1.048	1.058	1.063	1.066	1.091	* 1.113	* 1.129	1.145
Lumber and timber basic products..... do.....		.822	.810	.813	.819	.784	.789	.814	.830	.836	.848	.856	.881
Sawmills (incl. logging camps)..... do.....		.809	.794	.799	.804	.762	.765	.790	.804	.810	.826	.834	.860
Furniture and finished lumber products..... do.....		.852	.852	.835	.833	.841	.844	.859	.864	.871	.888	.904	.917
Furniture..... do.....		.872	.874	.858	.850	.862	.866	.879	.882	.891	.913	.930	.942
Stone, clay, and glass products..... do.....		.929	.931	.939	.937	.932	.928	.939	.942	.967	.985	* 1.003	1.018
<b>Nondurable goods industries:</b>	‡ 1.003	.904	.902	.909	.963	.909	.918	.927	.941	.953	.975	.988	996
<b>Textile-mill products and other fiber manufactures:</b>		.759	.763	.770	.763	.773	.786	.795	.803	.833	.858	* .869	.873
Cotton manufactures, except small wares..... dollars.....		.692	.705	.708	.698	.668	.713	.721	.724	.753	.788	.799	.803
Silk and rayon goods..... do.....		.747	.753	.766	.761	.762	.777	.788	.790	.812	.838	.845	.849
Woolen and worsted manufactures (except dyeing and finishing)..... dollars.....		.873	.869	.877	.866	.882	.884	.900	.922	.988	.999	1.010	1.014
<b>Apparel and other finished textile products:</b>		.839	.829	.846	.878	.875	.864	.875	.906	.922	.961	.966	.956
Men's clothing..... do.....		.894	.891	.896	.897	.883	.881	.888	.912	.947	.981	.993	.997
Women's clothing..... do.....	1.043	1.022	1.022	1.119	1.130	1.113	1.126	1.166	1.168	1.222	1.234	1.211	1.211
Leather and leather products..... do.....		.857	.851	.857	.853	.852	.857	.881	.904	.907	.917	.928	.943
Boots and shoes..... do.....		.832	.823	.832	.821	.817	.821	.848	.877	.890	* .896	* .904	.921
<b>Food and kindred products:</b>		.877	.874	.882	.880	.865	.908	.915	.921	.924	.943	.953	.961
Baking..... do.....		.861	.871	.874	.874	.881	.901	.904	.904	.913	.920	.930	.930
Canning and preserving..... do.....		.797	.782	.823	.795	.837	.834	.849	.846	.844	.859	.889	.893
Slaughtering and meat packing..... do.....		.953	.946	.940	.958	.954	.964	.951	.961	.939	1.051	* 1.072	1.081
Tobacco manufactures..... do.....		.757	.749	.765	.786	.793	.807	.806	.824	.832	.830	.830	.848
Paper and allied products..... do.....		.879	.881	.850	.883	.897	.902	.910	.928	.937	* .957	* .965	.979
Paper and pulp..... do.....		.906	.913	.911	.930	.931	.935	.945	.969	.982	1.001	1.008	1.024
Printing, publishing, and allied industries..... do.....	1.128	1.123	1.144	1.158	1.155	1.171	1.188	1.200	1.221	* 1.235	* 1.245	1.263	1.263
Newspapers and periodicals..... do.....	1.287	1.292	1.317	1.309	1.316	1.334	1.346	1.364	1.379	* 1.400	* 1.416	1.435	1.435
Printing, book and job..... do.....	1.058	1.052	1.063	1.092	1.079	1.098	1.118	1.130	1.155	1.166	* 1.171	1.186	1.186
<b>Chemicals and allied products:</b>		.997	.999	1.003	.992	.991	.991	1.001	1.015	1.021	* 1.033	1.044	1.064
Chemicals..... do.....	1.149	1.149	1.160	1.148	1.143	1.148	1.159	1.180	1.198	1.211	1.220	1.230	1.230
Products of petroleum and coal..... do.....	1.207	1.217	1.222	1.217	1.204	1.217	1.226	1.249	1.266	1.307	1.331	1.340	1.340
Petroleum refining..... do.....	1.266	1.277	1.280	1.281	1.285	1.287	1.315	1.330	1.369	1.383	* 1.420	1.420	1.417
Rubber products..... do.....	1.140	1.138	1.119	1.098	1.100	1.112	1.113	1.121	1.129	1.138	1.234	1.269	1.269
Rubber tires and inner tubes..... do.....	1.307	1.296	1.269	1.243	1.231	1.249	1.247	1.255	1.266	1.275	1.422	1.452	1.452
<b>Nonmanufacturing Industries, average hourly earnings (U. S. Department of Labor):*</b>													
<b>Building construction:</b>		1.374	1.387	1.383	1.392	1.356	1.397	1.397	1.402	1.422	1.411	1.423	‡ 1.433
<b>Mining:</b>		1.170	1.219	1.327	1.345	1.368	1.333	1.380	1.339	1.376	1.376	1.352	1.382
Anthracite..... do.....	1.285	1.254	1.249	1.261	1.242	1.263	1.281	1.269	1.265	1.274	1.239	1.314	1.314
Bituminous coal..... do.....	1.045	1.039	1.048	1.055	1.043	1.048	1.051	1.036	1.059	1.071	* 1.091	1.142	1.142
Metalliferous..... do.....	.879	.895	.885	.900	.902	.909	.908	.907	.913	.930	* .958	.965	.965
Quarrying and nonmetallic..... do.....	1.184	1.209	1.187	1.222	1.189	1.231	1.251	1.257	1.284	1.308	* 1.293	1.290	1.290
<b>Crude petroleum and natural gas:</b>		1.136	1.146	1.139	1.149	1.127	1.162	1.186	1.177	1.195	1.222	1.219	1.236
<b>Public utilities:</b>		.970	.979	.974	.983	.982	.981	1.013	1.007	1.011	1.001	1.025	1.049
Electric light and power..... do.....	.833	.826	.901	.825	.822	.820	.822	.813	.833	.851	.886	.905	.905
Street railways and busses..... do.....	.941	.944	.977	.959	.972	1.002	1.011	1.030	1.051	1.095	1.105	* 1.131	1.145
Telephone..... do.....		.769	.773	.783	.793	.800	.796	.828	.835	.841	* .852	.861	.861
<b>Services:</b>		1.027	1.037	1.013	1.025	1.045	1.056	1.058	1.070	1.095	1.101	1.121	1.135
Dyeing and cleaning..... do.....	.773	1.750	1.746	1.778	1.794	1.786	1.789	1.793	1.793	1.815	1.833	1.839	1.839
Power laundries..... do.....	.666	1.656	1.649	1.661	1.662	1.673	1.676	1.675	1.675	1.684	1.688	1.703	1.703
<b>Trade:</b>		.769	.773	.773	.783	.793	.800	.796	.828	.835	.841	* .852	.861
Retail..... do.....	1.027	1.037	1.013	1.025	1.045	1.056	1.058	1.070	1.095	1.101	1.121	1.135	1.135
Wholesale..... do.....													
<b>Miscellaneous wage data:</b>													
Construction wage rates (E. N. R.):†													
Common labor..... dol. per hr.....	1.034	.916	.916	.916	.917	.917	.917	.938	.953	.968	.988	1.004	1.018
Skilled labor..... do.....	1.80	1.66	1.67	1.67	1.67	1.67	1.68	1.68	1.70	1.73	1.74	1.76	1.77
Farm wages without board (quarterly)..... dol. per month.....	‡ 106.00	‡ 93.10	99.00			95.70			95.30			97.40	
Railway wages (average, class I)..... dol. per hr.....		.948	.957	.943	.963	.940	.957	.967	.953	.973	.949	1.065	
Road-building wages, common labor:													
United States average..... do.....	.81	.80	.83	.79	.82	.81	.80	.75	.69	.75	.75	.76	.78
<b>PUBLIC ASSISTANCE</b>													
Total public assistance..... mil. of dol.....	‡ .94	81	81	82	83	85	87	88	90	92	93	.93	.94
Old-age assistance, and aid to dependent children and the blind, total..... mil. of dol.....	‡ .85	74	75	75	76	78	79	80	81	82	83	.84	.85
Old-age assistance..... do.....	‡ .66	60	60	61	61	62	63	63	64	64	65	.65	.66
General relief..... do.....	‡ .9	7	7	7	7	8	8	8	9	10	10	.9	.9

\* Revised. † Preliminary. ‡ Sample was changed in November 1942; data are not strictly comparable with figures prior to that month.

\* The average for workers who were employed in February was \$1.217; this average is affected by strike conditions, since maintenance workers were left on during the strike while low-paid production workers were out; the average is therefore omitted from the table above to avoid misinterpretation.

† Not comparable with data prior to July 1945; comparable June 1945 figures: Dyeing and cleaning, \$0.757; power laundries, \$0.657.

‡ Data as of June 1. § Data as of July 1.

¶ Data beginning April 1945 are not comparable with earlier data; see note for hours and earnings in telephone industry at the bottom of p. S-13 of the April 1946 Survey.

‡ Rates as of July 1, 1946: Construction—common labor, \$1.058; skilled labor, \$1.81.

\* New series. Data on hourly earnings for 1937-43 for the telephone industry are shown on p. 20 of the May 1945 Survey (see also note marked "†" above regarding a change in the data in April 1945) and data for the telegraph industry beginning June 1943 are on p. S-14 of the January 1945 issue. Data on hourly earnings beginning March 1942 for the other nonmanufacturing industries and beginning August 1942 for the printing and publishing subgroups are available, respectively, in the May 1943 and November 1943 issues, and data back to 1939 will be published later.

† See note "†" on p. S-13.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1944		1945							1946				
	June	July	August	September	October	November	December	January	February	March	April	May		

FINANCE

BANKING													
Agricultural loans outstanding of agencies supervised by the Farm Credit Administration:													
Total..... mil. of dol.	1,779	1,962	1,940	1,908	1,876	1,846	1,808	1,782	1,770	1,772	1,776	1,770	1,777
Farm mortgage loans, total..... do.	1,182	1,370	1,351	1,335	1,316	1,294	1,272	1,256	1,226	1,226	1,209	1,198	1,188
Federal land banks..... do.	1,008	1,061	1,049	1,044	1,040	1,036	1,028	1,022	1,022	1,022	1,015	1,012	1,009
Land Bank Commissioner..... do.	174	309	302	292	275	259	242	228	214	205	194	186	179
Loans to cooperatives, total..... do.	118	138	133	126	130	152	162	162	161	154	144	125	124
Banks for cooperatives, incl. central bank..... do.	115	135	131	124	127	149	161	158	156	148	138	120	119
Agr. Marketing Act revolving fund..... do.	3	2	2	2	2	2	3	3	3	3	3	3	3
Short term credit, total..... do.	479	454	455	447	430	400	372	363	373	391	423	448	466
Federal intermediate credit banks..... do.	34	30	29	28	27	25	25	28	29	28	29	31	32
Production credit associations..... do.	364	267	270	264	252	230	207	199	208	226	252	274	291
Regional agricultural credit corporations..... do.	4	10	10	10	10	10	8	6	5	4	4	4	4
Emergency crop loans..... do.	105	112	111	109	106	101	98	97	97	100	105	106	106
Drought relief loans..... do.	32	36	36	35	35	34	34	34	33	33	33	32	32
Bank debits, total (141 centers)..... do.	78,191	89,441	71,876	66,155	64,263	73,110	71,501	92,809	80,796	66,708	79,119	79,330	77,518
New York City..... do.	34,972	41,725	33,590	29,388	28,545	34,184	32,246	45,035	38,819	20,498	35,670	37,208	35,085
Outside New York City..... do.	43,219	47,716	38,286	36,767	35,718	39,006	39,255	47,774	41,977	46,210	43,449	42,122	42,433
Federal Reserve banks, condition, end of month:													
Assets, total..... do.	44,828	42,212	42,195	42,896	43,835	43,889	44,611	45,063	44,268	44,093	43,889	43,652	43,507
Reserve bank credit outstanding, total..... do.	24,456	22,304	22,359	23,207	24,082	23,987	24,697	25,091	23,976	23,648	23,630	23,357	23,518
Bills discounted..... do.	157	46	302	362	334	439	775	249	294	347	626	279	254
United States securities..... do.	23,783	21,792	21,717	22,530	23,328	23,276	23,472	24,262	23,264	22,904	22,601	22,732	22,932
Gold certificate reserves..... do.	18,163	18,055	17,981	17,926	17,868	17,879	17,870	17,863	17,983	18,049	18,075	18,097	18,092
Liabilities, total..... do.	44,828	42,212	42,195	42,896	43,835	43,889	44,611	45,063	44,268	44,093	43,889	43,652	43,507
Deposits, total..... do.	18,206	17,188	16,896	17,139	17,861	17,525	18,097	18,200	17,822	17,569	17,659	17,451	17,365
Member bank reserve balances..... do.	16,123	14,920	14,794	15,011	15,520	15,723	16,022	15,915	15,822	15,537	14,853	15,606	15,653
Excess reserves (estimated)..... do.	1,112	1,185	1,037	920	1,163	604	1,024	1,471	1,089	1,014	627	959	807
Federal Reserve notes in circulation..... do.	24,191	23,019	23,314	23,664	24,003	24,215	24,365	24,649	24,153	24,131	23,993	23,925	24,064
Reserve ratio..... percent.	42.7	44.9	44.7	43.7	42.8	42.8	42.1	41.7	42.8	43.3	43.4	43.7	43.7
Federal Reserve weekly reporting member banks, condition, Wednesday nearest end of month:													
Deposits:													
Demand, adjusted..... mil. of dol.	39,522	36,367	37,533	38,140	38,690	39,692	40,247	37,066	38,026	37,610	37,116	38,242	38,941
Demand, except interbank:													
Individuals, partnerships, and corporations..... do.	39,295	36,525	37,626	38,115	38,577	39,726	40,230	37,674	37,933	37,741	36,990	38,041	38,669
States and political subdivisions..... do.	2,426	1,009	1,004	1,864	1,975	2,137	2,181	1,949	2,123	2,160	2,243	2,456	2,433
United States Government..... do.	8,660	14,978	13,741	11,739	9,406	8,098	8,547	16,660	16,227	16,481	14,536	12,363	11,377
Time, except interbank, total..... do.	10,119	8,567	8,786	9,008	9,160	9,296	9,347	9,447	9,560	9,695	9,756	9,881	10,030
Individuals, partnerships, and corporations..... do.	9,943	8,415	8,637	8,853	9,008	9,148	9,194	9,304	9,416	9,526	9,582	9,704	9,851
States and political subdivisions..... do.	120	169	107	111	110	104	110	99	106	123	127	129	128
Interbank, domestic..... do.	9,025	9,799	9,999	9,656	9,762	9,977	10,463	11,092	10,162	10,056	9,381	9,533	9,153
Investments, total..... do.	46,831	49,702	50,303	49,705	48,444	48,436	48,749	52,058	53,021	52,970	50,285	49,380	48,983
U. S. Government direct obligations, total..... do.	43,431	46,523	46,992	46,360	45,133	45,133	45,489	48,664	49,648	49,511	46,812	45,896	45,586
Bills..... do.	758	1,889	1,656	1,463	1,310	969	1,761	1,742	1,517	1,517	1,785	1,052	1,014
Certificates..... do.	9,415	10,539	10,581	10,196	9,803	9,833	9,832	12,130	12,778	12,860	11,944	10,626	10,387
Bonds..... do.	26,744	24,557	25,190	25,253	24,840	25,133	25,729	26,737	27,184	27,284	27,024	27,402	27,471
Notes..... do.	6,514	9,538	9,665	9,448	9,180	9,168	8,953	8,036	7,944	7,900	7,049	6,906	6,714
Obligations guaranteed by U. S. Government..... do.	6	20	8	11	10	9	12	10	7	7	6	7	7
Other securities..... do.	3,394	3,159	3,303	3,334	3,301	3,293	3,248	3,384	3,365	3,452	3,467	3,387	3,390
Loans, total..... do.	14,917	13,835	13,393	12,841	12,586	12,516	13,632	15,890	15,190	15,178	15,690	15,053	14,904
Commercial, industrial, and agricultural..... do.	7,529	5,623	6,926	5,982	6,218	6,328	6,778	7,249	7,800	7,382	7,464	7,473	7,482
To brokers and dealers in securities..... do.	2,119	2,727	2,421	2,263	2,194	2,177	2,481	2,791	2,337	2,345	2,823	2,204	2,167
Other loans for purchasing or carrying securities..... do.	2,013	2,607	2,416	1,993	1,560	1,306	1,638	2,958	2,687	2,520	2,382	2,224	2,113
Real estate loans..... mil. of dol.	1,277	1,052	1,055	1,058	1,063	1,060	1,073	1,095	1,107	1,129	1,152	1,195	1,228
Loans to banks..... do.	90	94	94	77	76	120	66	83	55	68	91	74	74
Other loans..... do.	1,889	1,448	1,481	1,468	1,485	1,519	1,596	1,714	1,703	1,747	1,801	1,866	1,840
Money and interest rates:†													
Bank rates to customers:													
New York City..... percent.	1.84	2.20			2.05			1.71			1.75		
7 other northern and eastern cities..... do.	2.51	2.55			2.53			2.28			2.34		
11 southern and western cities..... do.	2.97	2.80			2.81			2.38			2.93		
Discount rate (N. Y. F. R. Bank)..... do.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Federal land bank loans..... 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.	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Open market rates, New York City:													
Prevailing rate:													
Acceptances, prime, bankers', 90 days..... do.	.50	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.47
Commercial paper, prime, 4-6 months..... do.	.75	.75	.75	.75	.75	.75	.75	.75	.75	.75	.75	.75	.75
Time loans, 90 days (N. Y. S. E.)..... do.	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Average rate:													
Call loans, renewal (N. Y. S. E.)..... do.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
U. S. Treasury bills, 3-mo..... do.	.375	.375	.375	.375	.375	.375	.375	.375	.375	.375	.375	.375	.375
Average yield, U. S. Treasury notes, 3-5 yrs.: Taxable..... do.	1.15	1.16	1.16	1.17	1.19	1.17	1.14	1.15	1.10	1.10	1.09	1.12	1.18
Savings deposits, New York State savings banks:													
Amount due depositors..... mil. of dol.	8,762	7,711	7,791	7,893	8,003	8,078	8,144	8,283	8,357	8,419	8,502	8,560	8,634
U. S. Postal Savings:													
Balance to credit of depositors..... do.	3,110	2,659	2,720	2,785	2,836	2,880	2,909	2,933	2,981	3,013	3,043	3,062	3,088
Balance on deposit in banks..... do.	5	8	7	8	8	6	6	6	5	5	5	5	5
CONSUMER SHORT-TERM CREDIT													
Total consumer short-term debt, end of month*..... do.	7,754	6,697	6,654	6,649	6,702	6,000	6,344	6,734	6,506	6,564	6,978	7,315	7,499
Installment debt, total*..... do.	2,899	1,987	1,992	1,988	2,010	2,086	2,190	2,365	2,564	2,408	2,507	2,652	2,781
Sale debt, total*..... do.	1,035	919	712	706	717	754	805	903	877	879	905	957	1,004
Automobile dealers*..... do.	338	188	192	196	202	210	219	227	235	245	264	289	318
Department stores and mail-order houses*..... do.	209	150	145	142	144	156	173	198	189	184	188	200	206
Furniture stores*..... do.	299	237	235	232	235	247	262	283	274	274	279	288	295
Household appliance stores*..... do.	17	11	11	11	11	11	12	14	14	14	14	15	16
Jewelry stores*..... do.	62	49	47	45	44	44	47	74	66	61	59	60	61
All other*..... do.	110	84	82	80	81	86	92	107	101	100	101	105	108

\* Revised. † Preliminary. ‡ Includes open-market paper. § For bond yields see p. S-19.  
 ¶ For Sept. 15-Dec. 15 includes Treasury notes of Sept. 15, 1943, and Treasury bonds of Dec. 15, 1950; Beginning Dec. 15, 1950; includes only the bonds of Dec. 15, 1950.  
 \* Excludes loans to other Farm Credit Administration agencies.  
 † Rate on all loans; see note on item in April 1946 Survey.  
 ‡ Effective June 12, 1945, only gold certificates are eligible as reserves; for total reserves through May 1945, see April 1946 Survey and earlier issues.  
 § A rate of 0.50 was in effect from Oct. 30, 1942-April 24, 1946, on advances to member banks secured by Government obligations maturing or callable in 1 year or less.  
 ¶ New series. Data beginning December 1940 for the series on taxable Treasury notes are available on p. S-14 of the April 1942 and later issues of the Survey. For information regarding the series on consumer credit see note marked “\*\*” on p. S-16.  
 † Bank debits have been revised beginning May 1942 to include additional banks; see note in the April 1946 Survey for source of 1942 data.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	July	June	July	August	September	October	November	December	January	February	March	April

FINANCE—Continued

CONSUMER SHORT-TERM CREDIT—Cont.														
Consumer short-term debt, end of month—Continued.														
Instalment debt—Continued.														
Cash loan debt, total*..... mil. of dol.	1,864	1,268	1,280	1,282	1,203	1,332	1,385	1,462	1,487	1,529	1,602	1,695	1,777	1,777
Commercial banks*..... do.	700	400	406	406	413	428	448	471	494	522	564	608	656	656
Credit unions..... do.	149	122	122	121	120	121	124	128	127	128	132	137	142	142
Industrial banks*..... do.	92	70	70	70	70	71	73	76	76	78	82	85	88	88
Industrial loan companies*..... do.	79	63	63	63	64	64	67	70	70	71	73	76	78	76
Small loan companies..... do.	566	389	391	389	387	395	409	445	446	452	462	482	492	492
Insured repair and modernization loans*..... do.	239	136	140	145	152	165	174	179	181	184	194	210	223	223
Miscellaneous lenders*..... do.	99	88	88	88	87	88	90	93	93	94	95	97	97	96
Charge account sale debt*..... do.	2,332	1,544	1,459	1,441	1,470	1,666	1,835	1,981	1,701	1,692	1,972	2,138	2,188	2,188
Single payment loans*..... do.	1,696	1,420	1,452	1,466	1,466	1,490	1,556	1,616	1,659	1,671	1,695	1,710	1,708	1,708
Service credit*..... do.	827	746	751	754	756	758	763	772	782	793	804	815	822	822
Consumer instalment loans made by principal lending institutions:														
Commercial banks*..... mil. of dol.	148	81	75	73	72	88	94	101	104	105	132	138	148	148
Credit unions..... do.	28	21	18	18	16	20	21	23	19	19	24	25	28	28
Industrial banks*..... do.	19	14	13	13	13	16	15	18	14	14	18	18	19	19
Industrial loan companies*..... do.	17	13	12	11	12	14	14	16	14	14	16	16	16	16
Small loan companies..... do.	99	82	76	71	74	89	97	133	76	80	103	105	97	97
LIFE INSURANCE														
Life Insurance Association of America:														
Assets, admitted, total*..... mil. of dol.	37,552	34,864	35,070	35,231	35,433	35,631	35,828	36,257	36,502	36,660	36,882	37,080	37,274	37,274
Mortgage loans, total..... do.	5,213	5,205	5,202	5,182	5,166	5,153	5,165	5,163	5,162	5,138	5,148	5,163	5,159	5,159
Farm..... do.	587	588	588	587	584	583	580	573	574	573	569	575	581	581
Other..... do.	4,626	4,617	4,614	4,595	4,582	4,570	4,585	4,586	4,578	4,565	4,579	4,588	4,608	4,608
Real-estate holdings..... do.	602	760	744	734	723	714	699	678	667	656	632	622	608	608
Policy loans and premium notes..... do.	1,484	1,581	1,569	1,558	1,548	1,539	1,531	1,523	1,514	1,507	1,500	1,494	1,488	1,488
Bonds and stocks held (book value), total..... do.	28,927	26,242	26,367	26,616	26,721	26,702	26,733	27,556	28,043	28,290	28,367	28,545	28,823	28,823
Govt. (domestic and foreign), total..... do.	19,645	17,140	17,212	17,287	17,372	17,438	17,672	18,705	19,157	19,249	19,357	19,413	19,551	19,551
U. S. Government..... do.	18,323	15,784	15,894	15,958	16,050	16,123	16,328	17,368	17,837	17,937	18,035	18,090	18,239	18,239
Public utility..... do.	4,322	4,409	4,408	4,455	4,496	4,452	4,301	4,249	4,255	4,290	4,298	4,312	4,322	4,322
Railroad..... do.	2,576	2,606	2,604	2,588	2,632	2,613	2,597	2,558	2,595	2,595	2,603	2,614	2,583	2,583
Other..... do.	2,464	2,696	2,413	2,286	2,221	2,199	2,073	2,044	2,047	2,126	2,140	2,271	2,357	2,357
Cash..... do.	651	459	533	437	514	722	893	526	527	275	383	571	465	465
Other admitted assets..... do.	675	617	655	704	761	807	811	599	824	852	879	685	701	701
Premium collections, total*..... thous. of dol.	357,545	318,980	316,843	320,128	313,863	324,437	329,742	352,937	350,147	350,879	358,886	368,987	368,987	368,987
Annuities..... do.	38,759	49,566	31,066	32,815	35,790	33,132	37,495	49,026	42,063	43,661	40,283	47,647	47,647	47,647
Group..... do.	20,870	21,479	21,691	18,874	22,164	17,629	25,250	26,978	22,943	24,000	21,663	21,975	21,975	21,975
Industrial..... do.	74,117	55,831	64,143	68,395	62,088	64,772	88,207	68,278	65,579	71,010	50,268	66,580	66,580	66,580
Ordinary..... do.	223,769	192,194	199,943	200,044	193,761	208,904	239,742	208,115	219,562	252,118	207,372	233,856	233,856	233,856
Institute of Life Insurance*:														
Payments to policyholders and beneficiaries, total..... thous. of dol.	221,804	218,972	210,706	194,468	228,153	212,755	229,748	261,549	221,902	254,135	236,574	236,574	236,574	236,574
Death claim payments..... do.	102,026	110,390	165,123	89,344	109,531	101,319	101,343	120,377	104,642	116,356	110,672	198,866	198,866	198,866
Matured endowments..... do.	33,317	32,492	31,428	30,011	40,350	34,373	30,731	40,244	32,587	35,793	51,479	35,374	35,374	35,374
Disability payments..... do.	7,394	7,089	7,687	6,813	8,266	6,306	7,269	8,294	7,179	7,957	7,459	7,459	7,459	7,459
Annuity payments..... do.	16,218	15,713	15,108	14,138	15,690	15,950	14,525	21,074	15,567	16,227	18,278	16,904	16,904	16,904
Dividends..... do.	43,562	34,525	33,997	34,309	31,699	31,699	31,699	38,194	38,179	49,559	38,690	39,253	39,253	39,253
Surrender values, premium notes, etc..... do.	19,287	18,703	17,953	19,853	22,382	23,114	26,976	25,356	23,718	28,213	29,596	27,856	27,856	27,856
Life Insurance Agency Management Association:														
Insurance written (new paid-for insurance): f	1,863,485	1,216,264	1,127,506	1,035,787	1,001,258	1,221,831	1,179,294	1,449,014	1,350,915	1,516,833	1,816,315	1,971,219	1,956,796	1,956,796
Value, total..... thous. of dol.	183,743	136,264	109,823	71,016	95,179	88,981	64,534	214,760	49,780	88,416	113,803	138,376	145,517	145,517
Group..... do.	238,999	258,971	235,258	224,762	222,083	268,599	256,253	307,074	275,647	307,074	255,601	559,324	359,369	359,369
Industrial..... do.	1,240,743	821,029	782,415	739,989	654,006	864,251	864,567	941,103	1,025,488	1,121,343	1,346,821	1,451,916	1,451,916	1,451,916
Ordinary, total..... do.	95,427	56,596	55,114	49,846	45,735	61,722	60,988	63,267	78,235	83,573	99,114	109,744	108,065	108,065
New England..... do.	336,659	215,774	200,291	178,761	166,967	228,866	228,549	235,875	288,146	311,773	364,915	395,030	363,665	363,665
Middle Atlantic..... do.	260,982	175,712	171,295	160,639	146,584	186,316	186,772	202,162	230,310	247,889	266,874	321,302	314,327	314,327
East North Central..... do.	130,779	79,386	75,578	74,355	68,706	82,849	83,418	94,645	90,091	100,841	123,942	135,066	130,475	130,475
West North Central..... do.	145,156	90,013	86,729	82,252	75,824	95,216	92,089	95,808	101,263	113,212	128,608	168,007	158,822	158,822
South Atlantic..... do.	55,645	39,358	30,470	29,125	29,284	32,502	33,191	37,231	36,008	41,642	52,013	57,844	59,598	59,598
East South Central..... do.	107,384	61,755	58,770	60,831	53,061	64,013	66,452	78,747	70,749	86,870	90,120	109,897	121,878	121,878
West South Central..... do.	40,797	25,419	23,888	23,768	22,885	26,005	25,544	31,561	29,107	32,159	38,662	43,983	43,772	43,772
Mountain..... do.	137,944	83,955	80,270	80,612	71,930	86,732	88,294	101,807	95,579	103,404	129,483	141,607	150,308	150,308
Pacific..... do.														
MONETARY STATISTICS														
Foreign exchange rates:														
Argentina..... dol. per paper peso.	.298	.268	.298	.298	.298	.298	.298	.298	.298	.298	.298	.298	.298	.298
Brazil, official..... dol. per cruzeiro.	.041	.061	.061	.061	.061	.061	.061	.061	.061	.061	.061	.061	.061	.061
British India..... dol. per rupee.	.302	.301	.301	.301	.301	.301	.301	.301	.301	.301	.301	.301	.301	.301
Canada, free rate§..... dol. per Canadian dol.	.996	.908	.907	.905	.899	.904	.907	.907	.907	.907	.907	.907	.907	.907
Colombia..... dol. per peso.	.570	.570	.570	.570	.570	.570	.570	.570	.570	.570	.570	.570	.570	.570
Mexico..... do.	.266	.206	.206	.206	.206	.206	.206	.206	.206	.206	.206	.206	.206	.206
United Kingdom, free rate§..... dol. per £.	4.034	4.035	4.030	4.027	4.025	4.032	4.034	4.034	4.034	4.034	4.034	4.034	4.034	4.035
Gold:														
Monetary stock, U. S..... mil. of dol.	20,270	20,213	20,152	20,088	20,073	20,036	20,030	20,065	20,156	20,232	20,256	20,251	20,242	20,242
Net release from earmark*..... thous. of dol.	15,018	96,626	-100,347	-62,990	-19,009	34,647	-38,202	-4,257	-12,529	-5,770	19,729	15,690	27,461	27,461
Gold exports f..... do.	748	86,388	20,795	15,871	261	6,742	2,357	20,146	116	467	28,423	28,707	28,707	28,707
Gold imports f..... do.	37,077	2,331	13,816	3,581	13,757	2,425	3,146	39,399	154,186	82,906	31,757	7,589	1,679	1,679

\* Revised. † Preliminary. ‡ 36 companies having 82 percent of the total assets of all United States legal reserve companies.  
 ▲ In January 1944 one company was replaced by a larger one and the 1943 data revised accordingly; revisions for January-September 1943 are available on request.  
 © 39 companies having 81 percent of the total life insurance outstanding in all United States legal reserve companies. \* Or increase in earmarked gold (-).  
 § Data for the United Kingdom through June 1945 shown above and data back to February 1943 shown in earlier issues are the official rate; there was no free rate during this period. The official rate for Canada has been \$0.909 since first quoted in March 1940.  
 ¶ Publication of data was suspended during the war period; data for November 1941 to February 1945 will be published later.  
 † New series. Estimates of consumer short-term credit as

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1944				
	June	July	August	September	October	November	December	January	February	March	April	May	

FINANCE—Continued

MONETARY STATISTICS—Continued												
Gold—Continued.												
Production, reported monthly, total <sup>1</sup> .....	thous. of dol.	53,016	53,143	53,363	52,766	55,739	54,686	54,896	55,758	59,086	36,054	34,090
Africa.....	do.	39,020	39,600	37,477	38,063	40,083	39,000	38,110	39,086	36,054	34,090	33,338
Canada <sup>2</sup> .....	do.	7,426	7,357	7,411	7,404	8,684	7,726	8,391	8,346	8,013	8,677	8,338
United States <sup>3</sup> .....	do.	2,319	1,881	3,331	2,729	3,639	3,822	3,635	3,984	3,669	4,157	4,339
Money supply:												
Currency in circulation.....	mil. of dol.	28,245	26,746	27,108	27,685	27,826	28,049	28,211	28,515	27,917	27,954	27,879
Deposits adjusted, all banks, and currency outside banks, total <sup>4</sup> .....	do.	170,900	162,784	163,600	163,200	162,900	163,900	175,401	176,300	177,000	173,700	174,200
Deposits adjusted, total, including U. S. deposits <sup>5</sup> .....	do.	144,460	137,637	138,100	137,300	136,800	137,600	141,000	148,011	150,200	147,600	148,000
Demand deposits, adjusted, excl. U. S. <sup>6</sup> .....	do.	79,200	69,053	72,210	74,000	75,000	78,200	80,000	75,551	76,600	76,200	75,100
Time deposits, including postal savings <sup>7</sup> .....	do.	51,700	44,273	45,100	46,000	46,900	47,700	47,900	49,000	49,700	50,100	50,000
Silver:												
Exports.....	thous. of dol.	322	26,094	518	3,151	84	236	0,528	12,592	20,937	4,794	888
Imports.....	do.	1,187	1,868	1,193	1,059	1,509	5,768	2,835	3,173	2,490	3,679	1,602
Price at New York.....	dol. per fine oz.	.708	.448	.448	.529	.707	.708	.708	.708	.708	.708	.708
Production:												
Canada.....	thous. of fine oz.	1,100	951	1,055	963	1,066	1,066	1,153	1,205	1,042	1,166	1,056
United States.....	do.	1,655	2,074	2,302	2,300	2,780	2,654	2,681	2,153			
PROFITS AND DIVIDENDS (QUARTERLY)												
Industrial corporations (Federal Reserve): <sup>8</sup>												
Net profits, total (629 cos.).....	mil. of dol.	508			439			485			312	
Iron and steel (47 cos.).....	do.	53			37			49			25	
Machinery (69 cos.).....	do.	42			25			47			17	
Automobiles (16 cos.).....	do.	77			46			58			38	
Other transportation equip. (68 cos.).....	do.	147			166			36			10	
Nonferrous metals and prod. (77 cos.).....	do.	27			25			27			19	
Other durable goods (75 cos.).....	do.	21			20			26			12	
Foods, beverages and tobacco (49 cos.).....	do.	46			50			58			65	
Oil producing and refining (45 cos.).....	do.	64			61			37			54	
Industrial chemicals (30 cos.).....	do.	45			43			51			62	
Other nondurable goods (80 cos.).....	do.	38			37			40			64	
Miscellaneous services (74 cos.).....	do.	47			53			58			76	
Profits and dividends (152 cos.) <sup>9</sup> .....	do.	260			224			246			112	
Dividends:												
Preferred.....	do.	22			21			22			20	
Common.....	do.	145			143			182			146	
Electric utilities, net income (Fed. Res.) <sup>10</sup> .....	do.	123			116			145			176	
Railways, class I, net income (I. C. C.).....	do.	189.8			123.0			20.0			13.7	
Telephones, net operating income (Federal Communications Commission).....	mil. of dol.	59.8			60.6			99.2			72.7	
PUBLIC FINANCE (FEDERAL)												
U. S. war and defense program, cash expenditures, cumulative totals from June 1940 <sup>11</sup> .....												
U. S. Savings bonds: <sup>12</sup>	mil. of dol.	330,264	200,417	297,826	304,286	309,754	314,872	319,063	323,416	326,961	329,773	332,432
Amount outstanding.....	do.	40,053	45,686	46,568	46,715	46,741	46,786	47,473	48,224	48,617	48,718	48,756
Sales, series E, F, and G.....	do.	571	2,178	1,295	700	514	625	1,184	1,254	960	622	668
Redemptions.....	do.	619	403	428	531	528	618	533	559	630	565	634
Debt, gross, end of month <sup>13</sup> .....	do.	269,422	258,682	262,045	263,001	262,020	261,817	265,342	278,115	278,887	279,214	276,012
Interest bearing:												
Public issues.....	do.	245,770	237,545	240,223	240,713	239,111	238,862	242,140	255,693	256,801	257,016	253,613
Special issues <sup>14</sup> .....	do.	22,332	19,812	19,558	20,033	20,518	20,577	20,710	20,000	20,655	20,897	21,135
Noninterest bearing.....	do.	1,311	2,326	2,264	2,255	2,391	2,378	2,492	2,421	1,431	1,301	1,264
Obligations fully guaranteed by U. S. Gov't:	do.											
Total amount outstanding (unmatured).....	do.	467	409	484	515	527	541	536	553	545	559	542
Expenditures and receipts:												
Treasury expenditures, total.....	do.	5,513	9,641	8,557	7,254	6,611	5,950	4,656	5,445	4,891	3,510	4,602
War and defense activities <sup>15</sup> .....	do.	2,442	7,837	7,324	6,398	5,365	5,124	4,224	4,244	3,417	2,702	2,550
Transfers to trust accounts.....	do.	5	335	530	162	34	38	0	684	146	23	200
Interest on debt.....	do.	1,595	1,009	156	99	647	172	84	817	309	118	646
All other.....	do.	1,671	460	547	695	564	617	348	384	482	543	1,383
Treasury receipts, total.....	do.	4,482	5,916	2,754	3,281	5,192	2,581	2,609	4,122	3,848	3,875	5,762
Receipts, net.....	do.	4,479	5,914	2,695	2,997	5,189	2,530	2,374	4,118	3,819	3,678	5,747
Customs.....	do.	35	33	33	32	30	36	35	32	42	33	42
Internal revenue, total.....	do.	4,080	5,384	2,527	2,849	4,847	2,340	2,383	3,943	3,451	3,684	5,583
Income taxes.....	do.	3,392	4,757	1,743	1,665	4,208	1,593	1,524	3,366	2,755	2,790	4,838
Social security taxes.....	do.	76	69	66	306	69	68	257	69	51	310	100
Net expenditures of Government corporations and credit agencies <sup>16</sup> .....	mil. of dol.	8	778	222	-26	51	-274	-79	-395	-9	9	-635
Government corporations and credit agencies: <sup>17</sup>												
Assets, except interagency, total.....	mil. of dol.	33,472			34,159			33,741			33,325	
Loans receivable, total (less reserves).....	do.	5,467			5,321			5,187			5,069	
To aid agriculture.....	do.	2,971			2,948			2,878			2,816	
To aid home owners.....	do.	1,027			961			866			825	
To aid railroads.....	do.	243			232			223			196	
To aid other industries.....	do.	155			185			232			200	
To aid banks.....	do.	46			43			40			25	
To aid other financial institutions.....	do.	163			132			227			185	
Foreign loans.....	do.	432			432			423			545	
All other.....	do.	850			845			767			715	

<sup>1</sup> Revised. <sup>2</sup> Preliminary. <sup>3</sup> Deficit. <sup>4</sup> Special issues to Government agencies and trust funds. <sup>5</sup> Data are on basis of Daily Treasury Statement (unrevised).  
<sup>6</sup> Partly estimated. <sup>7</sup> Includes prepayments on securities sold during loan drive beginning in the month but issued after the close of the month.  
<sup>8</sup> The total excludes Mexico included in the total as published through March 1942; January–May 1942 and 1943 revisions for the United States and the total, and 1941 revisions for Canada and the total are available on request; see also note in April 1946 Survey regarding revisions for 1944. The 1945 figures for the United States have been adjusted to the annual total compiled by the U. S. Mint by adding a constant amount (\$197,000) to figures for each month, and the total reported monthly corrected accordingly; this amount should be added to the January–May 1945 figures published in the July 1946 Survey and earlier issues.  
<sup>9</sup> Publication of data suspended during the war period; data for November 1941 to February 1945 will be published later.  
<sup>10</sup> The totals for 629 companies, the miscellaneous group, and net profits of 152 companies have been revised beginning 1941, transportation equipment beginning 1942, and other series for some quarters of 1943; revisions through the second quarter of 1944 have not been published and are available on request.  
<sup>11</sup> For 1941 revisions see p. 17 of the November 1942 Survey; debt retirements which have been comparatively small in recent years are excluded.  
<sup>12</sup> New series. For data for 1929–40 for profits and dividends of 152 companies see p. 21, table 10, of the April 1942 Survey (see note marked "C" above regarding 1940–44 revisions). See note on p. S-17 of September 1944 Survey regarding the series on net income of electric utilities and data beginning third quarter of 1943, and p. S-16 of the August 1944 Survey for a brief description of the new series on bank deposits and currency outside bank and figures beginning June 1943; earlier data for these series will be published later. Data beginning July 1940 for the series on the war program are shown on p. 29 of the June 1943 Survey; beginning July 1945 data are from the Treasury Daily Statement; earlier figures were supplied by the War Production Board. See note in April 1946 Survey for a brief description of the series on war savings bonds and p. S-16 of the October 1942 Survey for sales beginning May 1941; beginning March 1945, amount outstanding includes matured bonds not turned in for redemption. See p. S-18 of the November 1943 Survey for an explanation of the data on net expenditures of Government corporations and credit agencies and figures beginning August 1942.  
<sup>13</sup> Revised series. See note marked "P" on p. S-18.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	June	July	August	September	October	November	December	January	February	March	April	May
<b>FINANCE—Continued</b>													
<b>PUBLIC FINANCE (FEDERAL)—Continued</b>													
Government corporations and credit agencies†—Con.													
Assets, etc.—Continued.													
Commodities, supplies, and materials... ml. of dol.		2,507				2,487				2,288			1,918
U. S. Government securities... do.		1,679				1,756				1,683			1,789
Other securities... do.		375				368				325			285
Land, structures, and equipment... do.		20,164				20,816				21,016			20,784
All other assets... do.		3,281				3,411				3,241			3,480
U. S. Government interests... do.		5,747				6,084				5,778			6,628
Liabilities, except interagency, total... do.													
Bonds, notes, and debentures:													
Guaranteed by the United States... do.		502				551				555			536
Other... do.		1,163				1,135				1,113			1,133
Other liabilities... do.		4,083				4,397				4,109			4,959
Privately owned interests... do.		459				465				472			479
U. S. Government interests... do.		27,266				27,610				27,492			26,218
Reconstruction Finance Corporation, loans outstanding, end of month, total... ml. of dol.		9,712	2,105	2,036	2,012	1,826	1,847	1,861	1,827	1,807	1,776	1,680	1,689
Banks and trust cos., incl. receivers... do.		292	285	280	277	275	273	268	234	229	223	221	219
Other financial institutions... do.		123	118	115	113	111	106	104	100	99	89	87	85
Railroads, including receivers... do.		214	212	203	202	202	201	198	192	171	172	171	171
Loans to business enterprises, except to aid in national defense... ml. of dol.		30	36	35	40	40	144	145	145	146	175	140	143
National defense... do.		8,417	816	767	746	755	682	707	694	703	680	642	656
Other loans and authorizations... do.		636	637	636	633	443	442	440	461	459	427	420	416
<b>SECURITIES ISSUED</b>													
Securities and Exchange Commission:†													
Estimated gross proceeds, total... ml. of dol.	1,539	18,203	2,789	1,330	1,452	2,130	4,372	14,437	1,585	1,180	1,305	1,937	1,756
By types of security:													
Bonds, notes, and debentures, total... do.	1,254	18,196	2,486	1,256	1,339	1,958	4,324	14,324	1,406	1,122	1,168	1,680	1,579
Corporate... do.	369	85	640	366	682	905	72	358	74	239	280	425	637
Preferred stock... do.	128	1	219	60	79	108	24	41	111	25	74	154	146
Common stock... do.	156	6	85	14	35	64	25	71	68	33	63	103	61
By types of issuers:													
Corporate, total... do.	654	92	944	440	795	1,077	121	470	253	297	417	682	844
Industrial... do.	418	60	492	225	136	228	51	171	188	104	134	424	209
Public utility... do.	176	30	304	117	374	572	42	203	44	33	79	140	430
Rail... do.	35	0	106	85	274	249	0	69	7	151	194	99	77
Other (real estate and financial)... do.	24	2	41	13	10	28	28	27	13	9	10	19	38
Non-corporate, total... do.	885	18,111	1,845	890	657	1,054	4,252	13,966	1,333	883	888	1,255	943
U. S. Government... do.	755	18,060	1,602	845	606	961	4,210	13,670	1,261	803	805	967	793
State and municipal... do.	129	50	66	45	47	67	42	82	71	80	83	71	150
New corporate security issues:													
Estimated net proceeds, total... do.	634	91	925	433	780	1,057	117	462	245	201	405	666	825
Proposed uses of proceeds:													
New money, total... do.	239	5	190	80	96	150	20	103	111	37	99	213	153
Plant and equipment... do.	169	1	147	41	50	97	7	75	63	17	55	148	91
Working capital... do.	70	3	43	39	49	53	13	27	49	20	44	65	62
Retirement of debt and stock... do.	324	80	724	347	669	873	74	340	124	240	289	433	658
Funded debt... do.	279	72	581	278	634	798	51	286	56	222	257	329	514
Other debt... do.	13	1	5	50	1	19	4	12	5	2	2	57	28
Preferred stock... do.	32	7	138	19	35	56	19	41	62	16	30	56	116
Other purposes... do.	72	6	11	6	12	34	22	19	10	15	17	21	14
Proposed uses by major groups:‡													
Industrial, total net proceeds... do.	402	59	480	221	130	218	49	166	181	100	126	412	289
New money... do.	200	3	163	63	87	89	17	51	98	26	94	198	127
Retirement of debt and stock... do.	165	50	306	157	38	114	30	108	74	59	15	195	154
Public utility, total net proceeds... do.	173	30	301	115	371	565	42	200	43	32	78	138	424
New money... do.	10	0	4	1	0	15	2	23	1	1	1	6	5
Retirement of debt and stock... do.	129	30	297	110	364	533	35	177	43	31	77	132	418
Railroad, total net proceeds... do.	35	0	105	84	270	246	0	68	7	150	192	98	76
New money... do.	9	0	12	10	4	27	0	19	7	1	2	1	7
Retirement of debt and stock... do.	26	0	93	74	266	220	0	50	0	148	190	97	69
Commercial and Financial Chronicle:													
Securities issued, by type of security, total (new capital and refunding)... thous. of dol.	168,806	1,229,396	510,132	878,824	1,338,316	246,928	840,149	346,113	429,614	557,427	1,096,711	1,044,800	
New capital, total... do.	51,918	248,647	144,446	142,242	242,521	94,438	243,977	200,347	122,291	223,308	373,340	309,593	
Domestic, total... do.	51,918	248,647	144,446	142,242	237,979	93,938	240,744	200,347	65,369	222,408	373,340	301,752	
Corporate... do.	1,352	211,614	107,244	104,820	209,087	59,776	161,061	131,170	47,089	127,315	289,600	191,930	
Federal agencies... do.	8,000	1,830	0	0	0	0	75	745	18,280	15,970	22,420	6,855	
Municipal, State, etc... do.	42,666	35,203	37,202	37,422	28,892	34,162	79,608	68,432	79,123	61,321	102,967		
Foreign... do.	0	0	0	0	4,843	500	3,232	0	900	0	7,841		
Refunding, total... do.	116,888	980,749	365,686	736,582	1,095,795	152,491	596,172	145,766	307,323	334,119	723,371	735,207	
Domestic, total... do.	116,888	980,749	365,686	732,082	1,069,702	128,991	594,102	145,766	284,322	310,919	698,371	727,605	
Corporate... do.	79,085	749,921	338,268	705,441	988,631	78,049	337,010	112,954	264,262	284,215	362,663	663,502	
Federal agencies... do.	30,010	199,550	20,000	17,180	42,440	43,810	254,505	29,900	20,060	22,080	325,685	17,180	
Municipal, State, etc... do.	7,793	31,248	7,359	9,461	38,331	7,132	2,587	2,912	0	3,724	10,024	46,223	
Foreign... do.	0	0	0	4,500	26,093	23,500	2,070	0	23,001	23,200	25,000	7,602	
Domestic issues for productive uses (Moody's):													
Total... ml. of dol.	42	132	122	96	145	56	151	146	78	117	199	188	
Corporate... do.	(*)	97	86	63	117	22	90	82	22	67	55	84	
Municipal, State, etc... do.	42	35	36	33	28	34	61	64	56	50	144	104	
Bond Buyer:													
State and municipal issues:													
Permanent (long term)... thous. of dol.	129,468	55,832	66,742	45,727	51,985	82,422	40,762	83,674	75,934	76,164	88,974	85,176	143,933
Temporary (short term)... do.	55,321	13,842	146,379	28,700	45,992	64,913	1,970	50,925	131,086	59,710	23,909	37,582	14,734

\* Revised. † Less than \$500,000.

‡ Includes for certain months small amounts for nonprofit agencies not shown separately.

§ Small amounts for "other corporate," not shown separately, are included in the total net proceeds, all corporate issues, above.

¶ See note in the April 1946 Survey regarding revisions in the data for 1944.

† Revised series. Data for Government corporations and credit agencies have been shown on a revised basis beginning in the May 1946 Survey and the 1945 figures for certain items have been further revised in this issue to take account of recent changes in the classifications. The classifications are those currently used in the revised form of the Treasury Daily Statement. All asset items, except the detail under loans receivable, are on a net basis (after reserves for losses); reserves against loans are not completely segregated as to the type of loans to which they are applicable and the detail of loans by purpose is, therefore, shown before reserves; most of the reserves are held against agricultural loans. Revised data beginning with the third quarter of 1944 will be published later; earlier data cannot be revised to a comparable basis. The classification of Reconstruction Finance Corporation loans was revised in the November 1943 Survey (see note in that issue); the figures include payments unallocated, pending advices, at end of month. 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; data beginning October 1944 were revised in the December 1945 issue; all revisions in the 1941-44 data will be published later.

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

	1946		1945							1946				
	June	July	June	July	August	September	October	November	December	January	February	March	April	May

FINANCE—Continued

SECURITY MARKETS														
<b>Brokers' Balances (N. Y. S. E. members carrying margin accounts)†</b>														
Customers' debit balances (net).....ml. of dol.	809	1,223	1,141	1,100	1,084	1,063	1,095	1,138	1,168	1,048	936	895	856	
Cash on hand and in banks.....do.	370	220						313						
Money borrowed.....do.	498	853	824	788	762	743	711	795	734	645	622	575	547	
Customers' free credit balances.....do.	651	649	580	573	594	632	639	654	727	755	712	697	669	
<b>Bonds</b>														
Average price of all listed bonds (N. Y. S. E.).....dollars.	104.21	103.45	102.97	102.49	102.60	103.16	103.28	103.64	104.75	105.19	105.29	103.89	104.03	
Domestic.....do.	104.61	104.00	103.46	102.87	103.08	103.61	103.71	104.04	105.14	105.59	105.69	104.25	104.40	
Foreign.....do.	81.64	80.73	80.07	79.94	80.60	81.88	82.50	82.65	82.32	82.11	82.69	82.88	83.16	
<b>Standard and Poor's Corporation:</b>														
Industrial, utilities, and rails:														
High grade (15 bonds).....dol. per \$100 bond.	123.9	122.1	122.3	121.7	121.6	121.9	122.0	121.9	123.8	124.5	124.5	124.3	123.7	
Medium and lower grade:														
Composite (50 bonds).....do.	119.5	118.1	117.9	117.2	117.1	117.7	118.3	119.0	119.7	120.0	120.1	119.9	119.5	
Industrials (10 bonds).....do.	123.9	122.2	122.2	121.7	121.4	122.0	122.5	123.1	123.9	124.4	124.5	124.4	123.9	
Public utilities (20 bonds).....do.	116.0	116.7	116.4	115.5	115.6	115.7	116.0	116.2	116.3	116.1	115.9	115.8	116.0	
Railroads (20 bonds).....do.	118.7	115.5	115.2	114.4	114.4	115.3	116.6	117.5	118.9	119.6	119.9	119.6	118.6	
Defaulted (15 bonds).....do.	83.2	81.4	80.4	75.6	74.5	75.8	78.9	82.1	84.9	85.4	82.7	83.6	81.8	
Domestic municipals (15 bonds)†.....do.	142.0	141.5	141.6	138.8	137.0	137.7	139.0	140.1	141.6	143.4	143.4	144.1	142.1	
U. S. Treasury bonds (taxable)†.....do.	105.3	102.4	102.5	102.2	102.0	102.4	102.6	102.7	104.6	106.0	106.5	106.6	104.8	
<b>Sales (Securities and Exchange Commission):</b>														
Total on all registered exchanges:														
Market value.....thous. of dol.	83,438	186,322	106,984	101,995	89,387	122,343	137,749	138,499	165,360	119,650	98,956	107,506	89,462	
Face value.....do.	97,833	260,711	140,213	143,293	120,572	172,496	192,680	185,652	217,071	154,582	121,413	131,595	107,064	
On New York Stock Exchange:														
Market value.....do.	73,706	174,869	99,878	94,819	82,146	112,871	127,551	128,617	155,270	110,162	91,234	100,481	84,330	
Face value.....do.	91,898	244,585	131,470	134,911	111,792	159,869	177,107	175,083	204,041	146,310	113,002	123,634	100,995	
Exclusive of stopped sales (N. Y. S. E.), face value, total.....thous. of dol.	84,033	223,113	110,849	118,937	109,778	143,971	163,452	141,431	186,923	129,337	105,018	122,337	93,952	
U. S. Government.....do.	256	601	419	1,000	517	1,268	742	745	1,060	605	720	10,818	4,299	
Other than U. S. Government, total.....do.	83,777	222,512	110,430	117,937	109,261	142,703	162,710	140,686	185,863	128,732	104,298	112,019	89,553	
Domestic.....do.	77,609	214,843	105,922	113,110	104,042	132,563	147,629	131,329	175,742	122,533	95,912	104,968	84,310	
Foreign.....do.	6,168	7,669	4,508	4,827	5,219	10,140	15,081	9,357	10,121	6,199	8,386	7,051	5,343	
Value, issues listed on N. Y. S. E.:														
Face value, all issues.....ml. of dol.	136,648	110,939	126,317	126,593	125,252	124,802	125,055	138,085	138,961	139,299	138,831	138,519	138,364	
Domestic.....do.	134,281	108,299	123,679	123,956	122,616	122,197	122,494	135,529	136,550	136,890	136,423	136,143	135,966	
Foreign.....do.	2,367	2,641	2,638	2,637	2,635	2,605	2,561	2,556	2,411	2,409	2,407	2,375	2,396	
Market value, all issues.....do.	142,406	114,768	130,075	129,748	125,511	128,741	129,156	143,111	145,556	146,524	146,181	143,904	143,944	
Domestic.....do.	140,474	112,636	127,962	127,640	126,387	126,608	127,044	140,998	143,571	144,546	144,190	141,936	141,951	
Foreign.....do.	1,932	2,132	2,112	2,108	2,124	2,133	2,113	2,112	1,984	1,978	1,990	1,969	1,992	
<b>Yields:</b>														
Domestic municipals:														
Bond Buyer (20 cities).....percent.	1.41	1.40	1.46	1.64	1.72	1.56	1.51	1.42	1.31	1.29	1.29	1.37	1.36	
Standard and Poor's Corp. (15 bonds).....do.	1.55	1.58	1.57	1.70	1.79	1.76	1.70	1.64	1.57	1.49	1.49	1.45	1.54	
Domestic corporate (Moody's).....do.	2.71	2.87	2.85	2.86	2.85	2.84	2.82	2.80	2.73	2.68	2.66	2.67	2.71	
By ratings:														
Aaa.....do.	2.49	2.61	2.60	2.61	2.62	2.62	2.62	2.61	2.54	2.48	2.47	2.46	2.51	
Aa.....do.	2.59	2.69	2.68	2.70	2.70	2.70	2.65	2.68	2.62	2.56	2.54	2.56	2.58	
A.....do.	2.73	2.86	2.85	2.85	2.85	2.84	2.81	2.79	2.73	2.70	2.69	2.69	2.73	
Baa.....do.	3.03	3.28	3.26	3.26	3.24	3.20	3.15	3.10	3.03	2.95	2.94	2.96	3.02	
By groups:														
Industrials.....do.	2.59	2.68	2.68	2.68	2.67	2.65	2.64	2.64	2.57	2.54	2.54	2.57	2.60	
Public utilities.....do.	2.70	2.89	2.87	2.86	2.85	2.84	2.81	2.79	2.71	2.65	2.64	2.65	2.69	
Railroads.....do.	2.85	3.03	3.00	3.02	3.05	3.03	2.99	2.96	2.89	2.83	2.80	2.78	2.84	
U. S. Treasury bonds, taxable †.....do.	2.16	2.35	2.34	2.36	2.37	2.35	2.33	2.33	2.21	2.12	2.09	2.08	2.19	
<b>Stocks</b>														
<b>Cash dividend payments and rates, Moody's:</b>														
Total annual payments at current rates (600 companies).....ml. of dol.	1,943.39	1,871.06	1,871.62	1,872.04	1,871.55	1,870.94	1,868.08	1,880.22	1,886.00	1,900.31	1,908.54	1,919.71	1,911.77	
Number of shares, adjusted.....millions	941.47	941.47	941.47	941.47	941.47	941.47	941.47	941.47	941.47	941.47	941.47	941.47	941.47	
Dividend rate per share (weighted average) (600 companies).....dollars	2.06	1.99	1.99	1.99	1.99	1.99	1.98	2.00	2.00	2.02	2.03	2.04	2.03	
Banks (21 cos.).....do.	3.21	2.94	2.94	2.94	2.95	2.95	2.97	3.11	3.17	3.21	3.21	3.21	3.21	
Industrials (492 cos.).....do.	2.01	1.92	1.92	1.92	1.92	1.92	1.92	1.94	1.94	1.95	1.96	1.97	1.97	
Insurance (21 cos.).....do.	2.58	2.57	2.57	2.57	2.57	2.57	2.58	2.58	2.58	2.58	2.58	2.58	2.58	
Public utilities (30 cos.).....do.	1.81	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.81	1.81	1.81	1.81	
Railroads (36 cos.).....do.	2.71	2.69	2.69	2.69	2.69	2.69	2.65	2.64	2.64	2.77	2.81	2.81	2.65	
<b>Dividend payments, by industry groups*:</b>														
Total dividend payments.....ml. of dol.	505.9	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1	
Manufacturing.....do.	283.4	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	
Mining.....do.	42.9	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	
Trade.....do.	26.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	
Finance.....do.	37.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
Railroads.....do.	46.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	
Heat, light, and power.....do.	38.4	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	
Communications.....do.	15.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	
Miscellaneous.....do.	16.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
<b>Prices:</b>														
Average price of all listed shares (N. Y. S. E.).....Dec. 31, 1924=100	99.1	80.7	78.8	82.6	86.0	89.2	93.0	93.5	98.2	92.6	96.9	100.2	103.2	
Dow-Jones & Co. (65 stocks).....do.	77.59	64.24	63.03	62.33	65.97	68.70	71.57	72.36	74.78	74.74	73.01	76.63	76.98	
Industrials (30 stocks).....do.	207.32	167.33	163.96	166.16	177.96	185.07	190.22	192.74	199.00	199.46	194.37	205.81	206.63	
Public utilities (15 stocks).....do.	42.51	32.46	32.96	32.39	33.95	35.45	38.10	38.26	39.94	40.01	40.38	42.93	43.03	
Railroads (20 stocks).....do.	66.64	60.48	58.64	55.16	57.11	59.61	63.06	63.67	65.58	65.12	62.89	64.30	64.77	
New York Times (50 stocks).....do.	144.63	121.15	117.76	118.69	126.33	130.72	132.71	135.05	138.72	136.88	136.03	141.86	143.47	
Industrials (25 stocks).....do.	237.16	194.53	189.97	194.66	208.50</									

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	June	July	August	September	October	November	December	January	February	March	April	May
<b>FINANCE—Continued</b>													
<b>SECURITY MARKETS—Continued</b>													
<b>Stocks—Continued</b>													
<b>Prices—Continued.</b>													
<b>Standard and Poor's Corporation:</b>													
Combined index (402 stocks)..... 1935-39=100..	153.2	120.7	118.4	117.9	126.1	132.0	136.9	139.7	144.8	143.3	141.8	151.7	154.3
Industrials (354 stocks)..... do.....	156.9	121.8	118.8	118.9	128.2	134.5	138.7	142.2	147.5	145.8	144.5	155.9	158.8
Capital goods (116 stocks)..... do.....	142.7	109.0	107.0	107.6	117.2	122.0	124.8	127.9	133.1	133.6	130.8	139.4	141.7
Consumer's goods (191 stocks)..... do.....	166.7	129.3	126.1	128.1	139.3	145.9	150.7	154.0	161.9	159.5	159.2	170.1	172.0
Public utilities (28 stocks)..... do.....	130.4	105.9	107.9	107.2	110.6	114.4	120.8	120.2	124.0	123.7	122.8	127.5	129.3
Railroads (20 stocks)..... do.....	161.8	144.0	140.1	130.9	137.5	145.1	154.2	157.1	164.3	159.8	153.6	156.8	157.2
<b>Other issues:</b>													
Banks, N. Y. C. (10 stocks)..... do.....	115.9	119.4	117.0	113.6	115.0	124.6	125.2	124.3	126.1	121.3	116.6	120.2	118.9
Fire and marine insurance (18 stocks)..... do.....	136.9	129.7	125.7	122.2	125.9	134.2	136.5	133.9	139.2	143.8	141.6	144.2	141.8
<b>Sales (Securities and Exchange Commission):</b>													
<b>Total on all registered exchanges:</b>													
Market value..... thous. of dol.	1,409,683	1,506,964	1,002,352	943,404	1,105,307	1,589,145	1,796,416	1,745,468	2,373,016	1,930,314	1,479,956	1,869,130	1,774,725
Shares sold..... thousands..	56,794	70,838	49,560	39,700	46,334	74,975	106,471	87,068	112,908	90,883	60,203	72,096	70,514
<b>On New York Stock Exchange:</b>													
Market value..... thous. of dol.	1,149,180	1,256,140	841,308	794,433	922,584	1,200,513	1,438,500	1,410,635	1,947,730	1,574,139	1,217,019	1,504,771	1,427,037
Shares sold..... thousands..	35,865	50,398	35,836	28,546	32,465	47,709	64,218	48,656	71,761	52,604	36,606	47,002	46,326
Exclusive of odd lot and stopped sales (N. Y. Times)..... thousands..	21,717	41,310	19,977	21,714	25,125	35,476	40,406	34,151	51,510	34,093	25,664	31,427	30,410
<b>Shares listed, N. Y. S. E.:</b>													
Market value, all listed shares..... mil. of dol.	80,929	62,637	61,242	64,315	67,065	69,561	72,730	73,765	78,468	74,165	77,932	80,943	84,043
Number of shares listed..... millions..	1,686	1,540	1,544	1,548	1,554	1,573	1,577	1,592	1,614	1,620	1,628	1,645	1,666
<b>Yields:</b>													
Common stocks (200), Moody's..... percent..	3.5	4.2	4.3	4.1	3.9	3.8	3.7	3.7	3.5	3.8	3.6	3.5	3.4
Banks (15 stocks)..... do.....	3.7	3.3	3.4	3.4	3.4	3.1	3.2	3.3	3.4	3.7	3.6	3.6	3.7
Industrials (125 stocks)..... do.....	3.4	4.1	4.1	3.9	3.6	3.7	3.6	3.6	3.4	3.6	3.4	3.3	3.2
Insurance (10 stocks)..... do.....	3.1	3.4	3.4	3.4	3.3	3.1	3.2	3.1	2.9	3.0	3.0	3.0	3.0
Public utilities (25 stocks)..... do.....	3.9	4.6	4.5	4.5	4.3	4.2	4.0	4.1	3.8	4.0	4.0	3.9	3.7
Railroads (25 stocks)..... do.....	4.8	5.3	5.6	5.7	5.3	5.2	4.8	4.8	4.5	5.1	5.1	5.1	4.5
Preferred stocks, high-grade (15 stocks), Standard and Poor's Corporation..... percent..	3.46	3.67	3.69	3.72	3.75	3.72	3.65	3.59	3.54	3.49	3.45	3.42	3.47

## FOREIGN TRADE

<b>INDEXES</b>													
<b>Exports of U. S. merchandise:</b>													
Quantity..... 1923-25=100..	198	201	173	135	119	166	198	214	176	211	194	213	213
Value..... do.....	227	228	192	135	118	164	192	210	175	212	199	219	219
Unit value..... do.....	114	113	111	100	99	99	97	98	99	101	103	103	103
<b>Imports for consumption:</b>													
Quantity..... do.....	122	125	126	119	123	113	99	139	107	128	135	131	131
Value..... do.....	116	108	111	103	108	98	88	125	96	117	123	122	122
Unit value..... do.....	88	87	88	87	87	87	88	91	90	92	92	93	93
<b>Agricultural products, quantity:§</b>													
<b>Exports, domestic, total:</b>													
Unadjusted..... 1924-29=100..	66	77	57	72	67	88	104	127	108	118	105	113	113
Adjusted..... do.....	95	119	75	61	49	71	92	123	124	128	128	148	148
<b>Total, excluding cotton:</b>													
Unadjusted..... do.....	88	106	85	106	104	130	173	206	174	185	160	156	156
Adjusted..... do.....	109	135	89	90	79	114	158	204	203	200	186	183	183
<b>Imports for consumption:</b>													
Unadjusted..... do.....	72	69	92	83	83	69	62	103	84	106	106	95	95
Adjusted..... do.....	80	79	104	92	88	76	65	93	78	90	98	98	98
<b>SHIPPING WEIGHT*</b>													
Exports, including reexports..... mil. of lb..	19,277	18,502	18,152	15,966	17,665	16,009	17,820	15,359	17,511	16,808	19,026	15,427	13,319
General imports..... do.....	9,668	10,680	11,276	11,094	9,031	10,617	11,544	9,093	10,163	9,099	10,099	9,870	10,918
<b>VALUE §</b>													
Exports, total, including reexports..... thous. of dol.	878,398	870,282	893,150	737,398	514,351	455,264	638,937	736,139	798,663	670,992	815,102	757,705	851,256
Lend-lease*..... do.....	57,241	530,110	538,818	413,398	158,484	74,850	115,250	187,438	130,375	99,482	116,280	80,304	67,005
<b>By geographic regions:</b>													
Africa..... do.....	37,796	44,716	29,524	46,690	25,183	42,927	34,189	38,765	42,473	48,335	46,933	50,627	50,627
Asia and Oceania..... do.....	163,411	130,906	104,500	44,077	37,001	82,907	77,563	111,282	81,050	110,372	104,279	130,880	130,880
Europe..... do.....	434,697	495,632	396,128	212,837	188,045	265,455	389,904	405,366	320,413	391,675	340,240	383,898	383,898
Northern North America..... do.....	110,052	108,820	103,159	95,027	99,422	96,427	95,840	87,794	83,535	101,544	106,641	108,629	108,629
Southern North America..... do.....	67,328	55,949	56,778	63,132	65,805	70,287	72,612	72,603	72,246	82,936	77,594	84,999	84,999
South America..... do.....	56,998	57,126	47,310	52,589	39,808	80,935	66,029	83,886	71,511	80,200	82,098	92,222	92,222
<b>Total exports by leading countries:</b>													
<b>Europe:</b>													
France..... do.....	46,984	55,503	40,656	41,438	37,991	79,483	53,672	73,250	67,936	89,424	78,324	70,526	70,526
Germany..... do.....	804	11	168	240	117	354	531	564	2,056	1,646	7,020	3,515	3,515
Italy..... do.....	15,199	15,656	9,800	17,314	19,322	15,868	26,563	30,803	34,887	42,044	35,369	31,635	31,635
Union of Soviet Socialist Republics (Russia)..... do.....	131,487	167,570	137,441	15,166	6,724	6,165	99,978	52,758	29,896	32,081	30,340	30,531	30,531
United Kingdom..... do.....	179,050	195,415	138,322	67,872	42,394	33,537	72,741	81,676	60,013	85,863	63,225	68,094	68,094
<b>North and South America:</b>													
Canada..... do.....	103,814	106,671	99,101	92,285	96,117	93,797	91,740	85,676	82,216	98,124	103,680	105,373	105,373
<b>Latin American Republics, total:</b>													
Argentina..... do.....	114,661	104,306	95,822	105,545	96,670	140,907	127,050	146,471	132,237	154,136	150,754	167,342	167,342
Brazil..... do.....	3,082	3,436	4,519	3,128	2,372	5,809	7,724	9,198	9,029	9,295	10,537	14,713	14,713
Chile..... do.....	19,118	18,637	14,610	16,646	11,863	28,310	23,872	31,373	22,441	26,494	22,442	28,053	28,053
Colombia*..... do.....	4,266	5,205	3,765	3,585	3,012	5,763	4,672	5,401	4,946	6,280	5,256	6,047	6,047
Columbia*..... do.....	8,559	8,141	6,970	6,940	7,209	9,602	7,656	8,808	10,708	11,614	12,435	12,138	12,138
Cuba..... do.....	17,875	15,141	15,656	16,427	16,278	20,967	18,184	19,312	20,479	20,031	23,491	21,539	21,539
Mexico..... do.....	27,819	24,932	25,021	23,965	32,423	28,038	31,681	31,743	31,643	37,969	35,910	39,207	39,207
Venezuela*..... do.....	12,967	11,919	8,053	13,904	9,381	18,033	12,583	16,931	13,103	15,353	17,777	17,777	17,777

\* Revised.

§ See note marked "\$" on p. S-21.

§ New series. Data on shipping weight of exports and imports are compiled by the U. S. Department of Commerce, Bureau of the Census; they represent gross weight of merchandise exports and imports, including weight of containers, wrappings, crates, etc. Data beginning January 1943 will be published later. See p. 32 of the February 1946 Survey for annual totals for lend-lease exports for 1941-45; complete monthly data will be published later; all supplies procured through lend-lease procurement facilities are shown as lend-lease exports although, since the program officially ceased to operate at the end of the war, the recipient nations had, with few exceptions, arranged to finance them prior to the exportation of the merchandise. Monthly data prior to February 1945 for Columbia and Venezuela will be shown later.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945								1946				
	June	July	June	July	August	September	October	November	December	January	February	March	April	May	

FOREIGN TRADE—Continued

VALUE \$—Continued	1946	1946	1945	1945	1945	1945	1945	1945	1945	1946	1946	1946	1946	1946
	June	July	June	July	August	September	October	November	December	January	February	March	April	May
<b>Total exports—Continued.</b>														
Other regions:														
Australia.....	50,975	38,566	33,200	8,953	5,193	9,204	11,412	8,277	8,873	4,744	9,319	6,366	1,363	1,036
British Malaya.....	0	0	0	0	0	0	1,044	2,456	120	1,720	1,363	1,363	1,363	1,363
China.....	6,558	7,938	8,212	4,702	1,499	19,102	20,721	33,105	24,146	36,856	38,370	58,547	2,938	2,084
Egypt.....	11,258	15,260	6,299	8,431	2,120	3,954	3,405	3,266	4,124	3,969	2,938	2,938	2,938	2,938
India and dependencies.....	79,397	57,653	43,204	11,267	6,342	13,844	12,640	12,678	7,172	12,487	13,504	7,802	5,580	2,620
Netherlands Indies.....	162	0	0	0	0	0	0	0	0	0	0	0	0	0
Philippine Islands.....	188	1,803	1,341	6,460	7,584	12,663	12,053	31,328	24,724	23,390	18,798	25,163	19,599	22,331
Union of South Africa.....	10,304	9,886	8,757	9,985	9,471	16,124	10,119	10,646	14,991	18,391	19,599	22,331	19,599	22,331
General imports, total.....	384,691	359,555	359,658	334,673	344,416	322,419	297,187	393,689	318,719	383,705	405,662	396,707	396,707	396,707
By geographic regions:														
Africa.....	37,927	29,324	21,105	25,028	29,336	19,058	21,851	24,833	14,115	38,742	29,016	22,358	84,347	73,518
Asia and Oceania.....	40,406	43,646	44,377	63,497	45,140	56,589	46,419	82,362	78,793	73,344	64,452	73,518	64,452	73,518
Europe.....	38,111	39,159	34,978	27,915	47,544	42,343	47,555	67,365	45,613	51,952	65,347	76,670	70,874	73,438
Northern North America.....	107,594	99,344	96,541	77,869	84,269	76,449	73,627	67,911	57,804	67,880	70,874	73,438	70,874	73,438
Southern North America.....	68,460	58,128	64,204	53,499	46,021	48,397	45,323	51,453	48,418	71,680	63,010	73,390	63,010	73,390
South America.....	70,056	89,100	98,451	86,835	92,106	79,584	62,412	99,884	73,069	80,106	92,964	84,853	92,964	84,853
By leading countries:														
Europe:														
France.....	1,423	1,037	2,263	555	1,893	1,752	1,632	1,927	1,478	3,551	5,007	4,578	2,929	2,303
Germany.....	49	102	22	80	11	14	10	3	15	24	29	29	29	29
Italy.....	874	511	527	141	489	1,505	429	170	732	1,246	4,323	13,880	4,323	13,880
Union of Soviet Socialist Republics.....	7,381	6,721	5,047	1,259	2,484	855	1,414	18,030	6,597	4,107	7,765	11,185	7,765	11,185
United Kingdom.....	12,089	6,798	6,958	6,587	5,444	3,434	11,743	10,403	9,299	14,497	11,375	14,276	11,375	14,276
North and South America:														
Canada.....	104,694	96,899	94,207	75,786	81,717	74,408	70,948	65,471	56,721	65,510	70,356	69,526	70,356	69,526
Latin American Republics, total.....	127,197	135,615	155,312	136,176	131,876	117,364	101,902	145,296	116,290	146,922	151,266	144,714	146,922	144,714
Argentina.....	10,789	14,517	19,646	17,055	20,579	18,634	16,784	16,744	9,056	15,124	18,339	14,741	18,339	14,741
Brazil.....	17,086	28,086	36,034	31,770	29,002	24,270	19,607	41,914	23,136	29,498	33,426	30,885	29,498	30,885
Chile.....	10,389	17,674	9,393	8,155	11,930	7,954	7,785	8,925	8,221	2,440	6,931	8,102	6,931	8,102
Colombia*.....	9,549	9,512	15,243	6,068	8,488	10,591	5,969	12,101	11,509	13,078	12,002	7,964	12,002	7,964
Cuba.....	28,191	20,655	31,249	26,459	16,619	14,562	16,001	18,379	18,247	36,434	23,285	32,198	36,434	23,285
Mexico.....	18,731	17,542	17,796	16,321	16,531	17,426	18,922	21,462	17,110	19,704	25,355	16,830	19,704	25,355
Venezuela*.....	6,840	8,990	7,952	6,633	7,348	7,775	7,402	10,595	8,587	7,921	10,021	10,090	7,921	10,090
Other regions:														
Australia.....	10,254	9,854	14,195	9,389	10,563	10,468	12,773	10,983	11,464	13,196	11,211	7,661	11,211	7,661
British Malaya.....	0	0	0	0	0	0	5,723	5,105	9,947	9,112	9,020	115	9,020	115
China.....	40	297	298	142	206	179	204	3,575	4,829	6,264	7,469	8,608	6,264	7,469
Egypt.....	1,634	5,518	465	526	1,512	352	1,200	405	1,051	550	2,182	1,384	550	2,182
India and dependencies.....	9,222	14,337	14,402	21,657	12,526	17,182	10,386	24,481	22,667	21,272	23,936	18,302	21,272	23,936
Netherlands Indies.....	264	262	286	1	243	106	334	592	40	1,381	1,873	194	1,381	1,873
Philippine Islands.....	0	26	9	160	17	161	473	98	945	524	1,552	1,717	524	1,717
Union of South Africa.....	13,135	5,486	5,220	10,273	11,594	10,038	10,418	12,428	5,320	21,626	12,452	10,920	21,626	12,452
Exports of U. S. merchandise, total.....	858,252	848,352	858,792	716,568	500,137	440,511	612,332	715,176	779,127	650,327	788,305	741,082	815,842	815,842
By economic classes:														
Crude materials.....	78,606	93,719	73,902	84,055	81,257	88,227	70,407	94,743	90,081	112,969	106,574	116,248	106,574	116,248
Crude foodstuffs.....	29,863	31,563	33,447	54,315	65,773	62,172	66,582	70,263	58,304	62,051	49,166	34,758	62,051	49,166
Manufactured foodstuffs and beverages.....	92,029	123,316	86,843	67,596	37,632	84,067	140,226	177,521	134,964	148,550	125,243	141,790	148,550	125,243
Semimanufactures.....	61,643	64,240	57,872	48,928	54,466	70,203	67,448	73,397	59,795	68,611	80,190	80,190	68,611	80,190
Finished manufactures.....	586,211	545,924	464,505	245,242	201,382	307,663	370,512	364,575	307,409	396,085	379,989	442,132	379,989	442,132
By principal commodities:														
Agricultural products, total.....	173,730	221,166	164,720	171,429	153,170	205,599	247,577	309,614	250,844	284,915	253,679	273,775	284,915	253,679
Cotton, unmanufactured.....	32,638	36,220	22,569	28,026	22,012	34,082	25,218	34,694	28,954	37,715	38,622	56,623	37,715	38,622
Fruits, vegetables and preparations.....	24,518	24,993	20,525	16,795	12,100	16,947	26,799	25,618	30,361	28,408	28,965	24,456	28,408	28,965
Grains and preparations.....	31,615	30,914	32,314	53,868	67,468	70,765	69,691	83,514	72,652	68,722	57,011	42,271	68,722	57,011
Packing house products.....	14,108	29,056	20,494	10,039	4,568	24,130	50,716	79,863	41,595	48,072	30,496	49,376	48,072	30,496
Nonagricultural products, total.....	674,623	637,626	551,849	328,709	287,342	406,733	467,599	470,885	399,709	503,350	487,483	542,067	487,483	542,067
Automobiles, parts and accessories.....	56,253	65,925	65,434	19,270	16,135	24,073	23,634	23,691	26,337	29,730	36,277	48,830	26,337	48,830
Chemicals and related products.....	31,960	33,719	33,434	29,378	27,189	38,028	35,278	37,919	35,676	44,329	46,258	46,351	37,919	46,258
Iron and steel and their products.....	36,360	42,625	35,499	28,328	25,784	37,948	34,446	41,931	26,582	28,972	38,108	41,258	28,972	38,108
Machinery.....	99,788	94,747	77,277	53,723	50,557	78,715	135,405	106,475	82,220	109,362	100,155	111,204	109,362	100,155
Agricultural.....	15,699	18,594	15,940	9,994	8,031	11,070	10,792	12,761	10,031	11,172	9,776	11,866	11,172	9,776
Electrical.....	23,618	27,180	19,699	11,025	9,669	13,866	27,470	24,054	16,532	20,365	17,944	24,232	20,365	17,944
Metal working.....	12,179	6,222	4,861	5,104	4,369	6,531	28,696	13,943	9,638	16,423	13,344	16,892	9,638	16,892
Other industrial.....	46,028	40,377	34,817	25,297	26,168	44,054	65,503	51,924	42,281	57,328	54,906	52,980	57,328	54,906
Copper and manufactures.....	4,418	5,235	2,544	2,262	2,828	3,727	2,753	4,042	3,655	2,794	2,418	2,173	3,655	2,794
Petroleum and products.....	86,337	60,967	32,548	32,227	24,691	28,536	28,814	33,972	29,642	36,971	36,082	40,365	36,971	36,082
Imports for consumption, total.....	370,678	338,538	345,629	364,983	320,271	343,714	312,565	279,478	400,428	307,615	373,362	392,969	392,969	388,840
By economic classes:														
Crude materials.....	92,256	97,557	90,488	102,149	103,098	95,791								

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	June	July	August	September	October	November	December	January	February	March	April	May

TRANSPORTATION AND COMMUNICATIONS

TRANSPORTATION													
Commodity and Passenger													
Unadjusted indexes:*													
Combined index, all types†..... 1935-39=100.....	235	225	218	209	202	205	195	198	201	202	175	177	
Excluding local transit lines..... do.....	242	232	225	214	205	209	198	200	203	204	173	176	
Commodity..... do.....	218	206	197	188	179	184	168	177	183	187	152	159	
Passenger..... do.....	291	288	286	272	277	273	283	266	260	252	251	236	
Excluding local transit lines..... do.....	418	423	422	396	395	389	414	370	351	329	324	301	
By types of transportation:													
Air, combined index..... do.....	892	898	916	886	893	835	775	738	773	823	921	983	
Commodity..... do.....	1,127	1,091	1,093	1,031	1,001	904	862	691	648	633	631	660	
Passenger..... do.....	737	771	800	790	822	789	718	770	855	949	1,113	1,197	
Intercity motor bus and truck, combined index..... 1935-39=100.....	238	235	239	227	234	222	202	216	221	225	239	241	
For-hire truck..... do.....	211	200	205	201	220	211	183	202	206	211	230	232	
Motor bus..... do.....	328	352	350	311	282	258	264	260	270	271	268	270	
Local transit lines..... do.....	186	175	173	170	180	178	175	179	184	188	190	182	
Oil and gas pipe lines†..... do.....	264	254	251	216	198	232	230	239	252	231	232	227	
Railroads, combined index..... do.....	255	242	229	219	206	213	202	200	201	204	152	156	
Commodity..... do.....	230	216	202	194	178	185	166	174	180	189	133	142	
Passenger..... do.....	444	438	437	415	427	432	472	402	362	321	304	263	
Waterborne (domestic), commodity..... do.....	89	89	87	97	86	88	91	99	104	94	94	106	
Adjusted indexes:*													
Combined index, all types..... do.....	233	223	212	201	196	204	197	203	205	207	178	180	
Excluding local transit lines..... do.....	240	229	216	206	199	208	200	207	209	210	177	180	
Commodity..... do.....	218	207	194	182	171	180	172	183	188	192	155	161	
Passenger..... do.....	283	278	272	266	282	283	279	269	263	257	252	240	
Excluding local transit lines..... do.....	400	392	383	381	406	411	410	380	367	347	335	311	
By type of transportation:													
Air, combined index..... do.....	863	876	880	851	879	860	823	796	812	841	908	962	
Commodity..... do.....	1,127	1,091	1,093	1,031	1,001	904	862	691	648	635	631	660	
Passenger..... do.....	689	734	740	732	798	831	797	865	920	978	1,091	1,162	
Intercity motor bus and truck, combined index..... 1935-39=100.....	233	231	230	216	225	218	201	229	231	235	245	247	
For-hire truck..... do.....	209	204	205	191	205	203	183	213	213	218	234	238	
Motor bus..... do.....	314	321	310	295	289	268	260	280	292	291	279	278	
Local transit lines..... do.....	187	183	181	172	179	178	170	177	177	183	183	181	
Oil and gas pipe lines..... do.....	274	265	262	224	203	229	223	228	234	223	232	238	
Railroads..... do.....	254	239	221	211	201	212	204	204	206	209	158	159	
Commodity..... do.....	231	218	198	186	170	180	170	178	184	192	137	144	
Passenger..... do.....	427	408	399	403	442	458	462	403	372	337	318	277	
Waterborne (domestic), commodity..... do.....	71	71	70	76	74	86	109	124	128	115	95	106	
Express Operations													
Operating revenue..... thous. of dol.....	22,879	23,144	22,623	22,484	23,595	24,826	29,141	24,532	23,919	24,333	35,115	26,728	
Operating income..... do.....	58	72	91	75	63	80	83	72	64	92	82	60	
Local Transit Lines													
Fares, average, cash rate..... cents.....	7.8835	7.8115	7.8115	7.8115	7.8198	7.8198	7.8198	7.8198	7.8641	7.8641	7.8641	7.8669	
Passengers carried†..... thousands.....	1,577,274	1,610,120	1,558,370	1,539,370	1,458,400	1,595,440	1,533,470	1,563,470	1,615,370	1,486,560	1,669,850	1,630,373	
Operating revenues†..... thous. of dol.....	117,600	114,500	113,100	106,100	116,000	111,200	117,300	118,600	106,900	118,700	118,882	119,800	
Class I Steam Railways													
Freight carloadings (Fed. Reserve indexes):													
Combined index, unadjusted..... 1935-39=100.....	137	145	143	137	128	136	119	123	119	132	107	107	
Coal..... do.....	146	143	136	128	143	109	148	133	148	152	155	26	
Coke..... do.....	138	178	187	160	154	111	167	172	133	114	166	93	
Forest products..... do.....	155	149	140	135	115	108	94	109	121	134	143	130	
Grains and grain products..... do.....	128	158	188	176	163	158	164	144	152	147	130	99	
Livestock..... do.....	96	99	97	100	150	189	135	120	126	111	127	103	
Merchandise, l. c. l..... do.....	81	68	67	65	69	72	75	71	74	75	79	82	
Ore..... do.....	213	263	273	249	261	215	114	36	20	24	35	50	
Miscellaneous..... do.....	139	150	148	133	136	136	139	123	123	113	136	141	
Combined index, adjusted†..... do.....	133	140	139	128	127	118	133	127	133	126	139	109	
Coal..... do.....	146	143	136	128	143	109	148	133	148	152	155	26	
Coke..... do.....	140	181	193	167	155	113	167	164	127	107	165	95	
Forest products..... do.....	149	144	140	133	125	109	110	106	122	126	134	143	
Grains and grain products..... do.....	126	155	157	163	146	158	167	153	152	150	141	112	
Livestock..... do.....	127	121	121	115	114	123	145	140	126	158	140	143	
Merchandise, l. c. l..... do.....	81	68	67	64	66	69	74	78	78	78	81	74	
Ore..... do.....	137	170	171	166	174	134	134	117	118	94	121	66	
Miscellaneous..... do.....	135	146	146	132	126	133	130	134	121	143	143	123	
Freight carloadings (A. A. R.):†													
Total cars..... thousands.....	4,063	4,367	3,378	3,240	4,117	3,151	3,207	3,546	2,884	2,867	3,982	2,605	
Coal..... do.....	787	865	635	604	842	605	688	794	685	740	938	126	
Coke..... do.....	49	70	57	51	59	34	50	66	43	32	66	30	
Forest products..... do.....	234	228	165	173	205	142	129	143	128	146	208	177	
Grains and grain products..... do.....	222	274	257	248	287	223	223	253	207	209	237	140	
Livestock..... do.....	67	69	52	59	99	106	100	96	65	73	79	71	
Merchandise, l. c. l..... do.....	619	531	406	408	524	456	455	544	448	471	620	516	
Ore..... do.....	283	371	300	285	356	250	148	54	34	25	50	53	
Miscellaneous..... do.....	1,801	1,969	1,506	1,412	1,745	1,436	1,414	1,597	1,273	1,171	1,785	1,491	
Freight-car surplus and shortage, daily average:													
Car surplus..... thousands.....	22	13	11	8	11	20	11	15	18	23	16	98	
Car shortage*..... do.....	9	7	5	5	4	7	10	7	8	9	5	1	
Financial operations (unadjusted):													
Operating revenues, total..... thous. of dol.....	611,939	619,946	796,129	755,218	679,178	696,991	661,181	613,691	640,872	579,136	646,099	566,702	
Freight..... do.....	458,484	610,671	689,683	547,629	488,612	492,288	463,682	401,256	453,399	421,243	483,776	411,819	
Passenger..... do.....	106,604	152,185	150,734	153,254	149,146	146,504	146,555	161,134	137,602	114,655	114,562	106,082	
Operating expenses..... do.....	516,856	541,490	549,017	547,263	621,193	626,652	548,550	963,331	490,659	450,228	627,890	508,097	
Taxes, joint facility and equip. rents..... do.....	57,003	178,508	149,985	121,272	13,990	15,900	51,310	512,738	79,964	71,104	38,669	48,476	
Net railway operating income..... do.....	38,080	99,947	97,126	86,683	43,994	54,439	61,321	436,802	70,848	57,805	420,459	10,128	
Net income †..... do.....	65,755	62,990	62,990	51,152	8,849	20,224	34,384	474,656	33,887	28,589	448,826	20,098	

\*Revised. †Deficit. ‡Data for June, September, and December 1945 and March and June 1946 are for 5 weeks; other months, 4 weeks.  
 \*New series. For data beginning 1929 for the transportation indexes, see pp. 26 and 27 of the May 1943 Survey (scattered revisions have been made in the series marked "†" as published prior to the December 1943 Survey; revisions are available on request). Comparable data beginning January 1943 for freight-car shortages and surpluses and an explanation of the change in the latter series are available on p. S-21 of the December 1944 Survey.  
 †See note marked "†" regarding revisions in the transportation indexes and car surpluses. The indicated seasonally adjusted series for freight carloadings, as published prior to the October 1943 Survey, have been revised beginning 1939 or 1940: all revisions are available on request. Beginning in the April 1944 Survey, revenue data for local transit lines cover all local transit lines, including all common carrier bus lines except long-distance interstate motor carriers; similarly, data for passengers carried, beginning in the May 1945 issue, represent estimated total revenue passengers carried by all local transit lines; revised data beginning 1936 will be published later.  
 ‡Revised data for net income May 1945, \$68,694,000.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1944				
	June	July	August	September	October	November	December	January	February	March	April	May	

TRANSPORTATION AND COMMUNICATIONS—Continued

TRANSPORTATION—Continued												
Class I Steam Railways—Continued												
Financial operations, adjusted:†												
Operating revenues, total.....ml. of dol.	830.9	791.0	704.9	691.1	657.0	668.5	628.3	654.6	635.2	651.2	565.7	515.0
Freight.....do.	626.4	597.2	514.0	500.8	453.1	465.0	423.2	459.9	458.7	485.8	405.2	381.4
Passenger.....do.	147.0	138.2	136.7	140.7	149.7	152.2	158.1	143.6	127.1	115.9	109.8	93.3
Railway expenses.....do.	724.7	696.6	648.2	654.7	619.6	607.8	674.0	566.7	555.3	667.4	561.6	524.5
Net railway operating income.....do.	106.2	95.4	56.7	36.4	37.4	60.6	\$56.0	87.9	79.9	\$46.2	4.0	\$9.5
Net income.....do.	71.2	61.4	22.5	3.7	3.3	29.7	\$66.0	50.9	51.2	\$44.8	\$27.8	\$51.0
Operating results:												
Freight carried 1 mile.....mil. of tons	66,598	64,732	60,509	56,058	53,156	53,492	49,843	52,076	48,735	56,510	39,841	42,406
Revenue per ton-mile.....cents	.977	.971	.964	.928	.959	.932	.867	.940	.935	.924	1.101	1.012
Passengers carried 1 mile.....millions	8,015	8,185	8,201	7,567	7,963	7,966	8,572	7,454	6,079	5,955	5,472	4,726
Waterway Traffic												
Clearances, vessels in foreign trade:‡												
Total, U. S. ports.....thous. net tons	9,629	8,928	8,359	7,506	7,587	7,579	6,061	6,378	5,844	6,483	6,199	5,825
Foreign.....do.	3,649	3,403	3,530	3,123	2,776	2,359	1,791	1,722	1,555	1,735	2,029	2,126
United States.....do.	5,980	5,525	4,829	4,383	4,811	5,220	4,270	4,656	4,289	4,748	4,170	3,699
Travel												
Operations on scheduled air lines:												
Miles flown.....thous. of miles	18,042	19,410	20,244	19,644	20,888	20,103	19,640	20,452	19,783	23,164	24,108	-----
Express carried.....thous. of lb.	7,973	7,677	6,710	4,939	6,031	5,109	6,273	5,746	5,429	7,232	8,204	-----
Passengers carried.....number	659,861	713,382	753,147	714,562	770,190	723,247	647,518	727,279	723,187	917,945	1,067,641	-----
Passenger-miles flown.....thous. of miles	306,873	331,639	343,928	329,276	353,527	328,600	308,736	331,056	332,315	408,201	463,294	-----
Hotels:												
Average sale per occupied room.....dollars	4.20	4.01	3.99	4.28	4.16	4.19	4.31	4.12	4.17	4.12	3.97	4.38
Rooms occupied.....percent of total	94	91	87	92	93	95	94	88	92	93	95	94
Restaurant sales index.....avg. same mo. 1929=100	250	212	207	229	211	204	223	198	204	205	210	226
Foreign travel:												
U. S. citizens, arrivals.....number	15,419	20,281	18,193	14,865	17,304	16,079	18,740	21,080	27,340	35,092	-----	-----
U. S. citizens, departures.....do.	10,992	12,401	12,881	11,648	13,649	14,185	17,556	20,865	26,795	25,912	-----	-----
Emigrants.....do.	1,149	935	1,879	2,025	1,499	1,838	1,289	1,027	859	1,138	-----	-----
Immigrants.....do.	3,734	3,677	4,065	4,380	4,608	4,421	4,644	5,604	9,575	18,047	-----	-----
Passports issued*.....do.	21,802	15,393	9,275	9,993	21,416	12,913	11,972	10,708	8,667	12,986	15,047	22,091
National parks, visitors.....number	138,586	289,094	449,111	478,258	327,843	132,316	62,090	78,221	99,338	129,260	187,377	-----
Pullman Co.:												
Revenue passenger-miles.....thousands	2,319,667	2,266,512	2,361,250	2,289,324	2,422,016	2,526,314	2,419,033	2,563,744	2,082,683	2,196,055	1,899,120	1,628,486
Passenger revenues.....thous. of dol.	13,520	12,498	12,316	12,120	13,214	13,217	12,855	13,488	11,084	12,094	10,928	9,636
COMMUNICATIONS												
Telephone carriers:†												
Operating revenues.....thous. of dol.	176,637	175,677	179,424	174,487	184,380	181,325	187,183	187,610	179,327	187,727	189,254	-----
Station revenues.....do.	92,652	91,695	92,823	92,141	96,700	96,523	99,127	100,993	98,822	101,773	103,625	-----
Tolls, message.....do.	69,816	69,617	72,468	67,918	73,493	70,768	73,711	72,357	66,340	71,762	71,230	-----
Operating expenses.....do.	115,244	118,510	120,667	114,666	128,495	125,329	138,955	130,473	129,442	141,197	141,053	-----
Net operating income.....do.	19,916	19,015	21,058	20,518	22,353	23,744	53,074	27,967	23,548	21,226	23,910	-----
Phones in service, end of month.....thousands	24,703	24,761	24,794	24,834	24,994	25,184	25,446	25,742	26,067	26,435	26,912	-----
Telegraph and cable carriers:‡												
Operating revenues, total.....thous. of dol.	17,511	16,694	19,224	17,033	18,359	17,366	19,191	14,754	13,891	15,815	16,064	-----
Telegraph carriers, total.....do.	16,035	15,419	17,947	15,897	17,099	16,197	17,667	13,683	12,777	14,496	14,807	-----
Western Union Telegraph Co., revenues from cable operations.....thous. of dol.	803	737	741	708	761	750	961	607	587	712	678	-----
Cable carriers.....do.	1,476	1,275	1,277	1,137	1,260	1,169	1,171	1,171	1,114	1,319	1,257	-----
Operating expenses.....do.	13,265	13,194	15,371	17,268	15,166	19,187	14,789	14,877	13,654	14,514	14,078	-----
Net operating revenues.....do.	2,335	1,535	1,879	\$2,127	1,419	\$5,685	2,155	\$2,001	\$568	-----	-----	-----
Net income trans. to earned surplus.....do.	1,463	519	863	\$6,066	654	\$6,812	2,509	\$2,443	\$2,075	\$795	\$386	-----
Radiotelegraph carriers, operating revenues.....do.	1,704	1,772	1,971	1,952	2,031	1,966	2,274	1,908	1,787	2,119	2,077	\$1,027

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS												
Selected inorganic chemicals, production:*												
Ammonia, synthetic anhydrous (100% NH <sub>3</sub> ).....short tons	160,609	45,072	47,431	46,787	42,685	38,292	45,298	45,557	41,384	39,738	44,271	43,358
Calcium arsenate [100% Ca <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> ].....thous. of lb.	4,116	5,157	4,582	2,227	906	1,304	1,403	(a)	962	1,138	1,610	3,192
Calcium carbide (100% CaC <sub>2</sub> ).....short tons	43,124	63,134	62,480	55,090	45,384	47,353	44,610	41,364	45,192	40,316	44,460	40,014
Carbon dioxide, liquid, gas and solid (100% CO <sub>2</sub> ).....thous. of lb.	78,545	84,361	88,758	88,566	79,983	68,810	57,923	51,427	56,078	54,169	65,337	75,176
Chlorine.....short tons	96,420	106,699	105,189	97,659	89,602	59,392	91,461	94,784	89,707	84,741	96,439	94,865
Hydrochloric acid (100% HCl).....do.	27,438	37,348	35,891	33,839	30,552	29,691	30,026	28,990	26,822	26,791	26,805	26,867
Lead arsenate.....thous. of lb.	5,091	5,485	3,802	4,723	2,313	2,860	4,225	5,514	6,421	7,567	8,755	8,665
Nitric acid (100% HNO <sub>3</sub> ).....short tons	155,416	39,662	38,944	37,088	32,025	34,262	31,352	33,033	34,769	31,123	30,809	31,311
Oxygen.....mil. cu. ft.	869	1,234	1,190	978	893	916	873	891	716	606	951	855
Phosphoric acid (50% H <sub>3</sub> PO <sub>4</sub> ).....short tons	68,706	61,438	59,957	57,952	63,941	61,500	70,409	68,231	68,452	69,525	74,600	70,740
Soda ash, ammonia-soda process (98-100% Na <sub>2</sub> CO <sub>3</sub> ).....short tons	308,623	358,782	358,217	363,802	333,453	381,468	355,639	379,786	387,012	342,625	380,489	342,749
Sodium blechomate.....do.	6,285	5,951	6,244	6,537	6,561	7,347	6,999	6,769	7,735	7,134	7,777	7,837
Sodium hydroxide (100% NaOH).....do.	148,741	160,435	157,644	152,318	139,969	146,374	148,194	153,395	154,349	143,248	160,009	151,332
Sodium silicate, soluble silicate glass (anhydrous)*.....short tons	34,912	43,733	32,060	34,806	24,864	27,321	28,781	29,276	34,524	32,494	32,182	29,914
Sodium sulfate, Glauber's salt and crude salt cake.....short tons	57,751	61,559	62,519	61,464	57,378	63,674	63,928	57,738	50,710	53,818	59,262	59,525
Sulfuric acid (100% H <sub>2</sub> SO <sub>4</sub> )@.....do.	733,241	822,025	841,747	782,594	677,053	726,291	705,953	745,554	743,904	665,177	764,996	804,285
Alcohol, denatured:†												
Consumption.....thous. of wine gal.	14,647	37,393	37,088	32,530	26,113	19,012	15,473	12,753	11,486	10,817	13,530	15,717
Production.....do.	12,382	40,893	36,774	31,786	26,555	19,261	13,060	12,313	11,617	10,017	11,894	13,229
Stocks.....do.	8,962	21,637	21,307	20,539	21,031	21,257	18,844	18,396	18,549	17,802	16,224	13,306

\* Revised. Revisions for sodium sulphate resulted from a reclassification of reports of several producers of salt cake previously classified as producers of anhydrous material and of one producer of anhydrous materials previously classified as a producer of salt cake.  
 † Includes operation of 2 establishments not included prior to June; production of these plants, formerly Government-owned, was classified as military prior to June.  
 ‡ Deficit. @ Includes passports to American seamen. @ For 1944 revisions see August 1945 Survey. \* Not available for publication.  
 † Data relate to Continental United States; the original reports for recent years include also data for 3 companies operating outside of the United States.  
 ‡ Compiled on a new basis beginning 1943; see April 1944 Survey for 1943 data and sources of 1942 data on the new and the old basis.  
 † Data have been shown on a revised basis beginning in the March 1945 Survey. \* Data were revised in the September 1945 Survey; see note in that issue.  
 ‡ Data continue series published in the 1942 Supplement but suspended during the war period; data for December 1941-February 1945 will be shown later.  
 † Data have been shown on a revised basis beginning in the June 1944 Survey; revisions for January 1937-February 1943 are available upon request.  
 \* New series compiled by the Bureau of the Census; see pp. 23 and 24 of the December 1945 Survey for data through December 1943 except for carbon dioxide, sodium silicate, calcium arsenate, and lead arsenate; data beginning 1941 for these series will be shown later.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946				1945				1944				
	June	July	August	September	October	November	December	January	February	March	April	May	

CHEMICALS AND ALLIED PRODUCTS—Continued

CHEMICALS—Continued												
Alcohol, ethyl, incl. spirits and unfinished spirits: •												
Production, total (net).....thous. of proof gal.	22,965	87,581	67,213	75,740	39,925	31,780	28,016	28,464	29,516	30,982	32,396	30,590
Ethyl alcohol.....do	23,285	49,166	50,777	47,275	34,360	26,737	22,184	23,782	23,514	23,823	27,277	25,235
Spirits and unfinished spirits.....do	5,134	40,792	17,739	31,122	6,621	7,462	6,769	6,586	7,461	8,448	6,787	5,968
Stocks, end of month, total.....do	140,770	159,855	137,814	162,504	161,357	153,632	145,261	134,780	148,738	152,754	151,066	149,294
Ethyl alcohol, total.....do	110,539	141,198	133,508	136,785	139,586	132,015	126,190	111,493	122,591	123,951	121,654	118,318
In industrial alcohol bonded warehouses.....do	37,014	42,680	40,830	42,764	47,556	43,635	40,569	42,030	40,320	43,131	37,570	39,294
In denaturing plants.....do	73,525	98,518	92,678	94,021	92,029	88,380	85,621	69,463	82,271	80,821	84,083	79,025
Spirits and unfinished spirits.....do	30,211	18,657	24,306	25,719	21,771	21,617	23,287	25,847	28,603	28,042	30,976	30,810
Withdrawn for denaturing.....do	22,832	76,149	68,014	59,233	48,653	35,515	24,070	37,965	21,393	18,532	22,081	24,429
Withdrawn tax-paid, ethyl alcohol.....do	3,579	2,096	3,401	3,103	3,297	4,153	4,080	3,023	5,118	4,276	4,561	4,411
Glycerin, refined (100% basis)*												
High gravity and yellow distilled:												
Consumption.....thous. of lb.	6,865	8,135	9,240	8,799	7,229	8,451	6,395	5,825	6,010	5,588	6,431	6,489
Production.....do	5,319	8,920	5,999	7,323	6,494	7,544	5,612	5,234	5,010	5,323	5,373	5,780
Stocks.....do	19,591	26,998	22,564	19,876	18,109	17,562	15,901	15,135	15,864	17,591	19,347	18,700
Chemically pure:												
Consumption.....do	5,379	7,757	7,387	7,834	7,523	8,142	7,143	6,109	6,336	5,446	5,777	5,568
Production.....do	7,634	6,695	4,599	5,850	7,079	7,170	7,750	6,391	7,636	7,741	8,992	8,000
Stocks.....do	21,894	28,103	27,634	22,282	22,271	19,067	18,346	17,596	16,941	19,028	18,634	19,708
Other selected organic chemicals, production:												
Acetic acid (synthetic and natural)*.....do	26,349	23,356	23,822	20,812	13,478	13,478	22,063	24,322	22,983	23,143	26,746	25,529
Acetic anhydride*.....do	46,414	43,867	42,729	37,789	38,535	46,241	44,294	45,793	38,330	44,027	44,027	44,790
Acetyl salicylic acid (aspirin)*.....do	883	814	815	962	1,011	966	910	986	934	976	1,014	975
Cresosote oil*.....thous. of gal.	13,615	12,892	12,118	12,198	13,550	13,747	12,059	11,755	8,443	13,295	12,438	9,491
Cresylic acid, refined*.....thous. of lb.	2,077	2,375	2,539	2,431	2,133	2,573	2,108	1,744	1,617	2,465	2,267	1,682
Ethyl acetate (85%)*.....do	7,902	9,456	10,970	6,849	7,329	6,898	7,110	6,421	6,412	7,751	7,610	7,180
Methanol: §												
Crude (80%).....thous. of gal.	248	313	291	298	243	278	253	295	264	231	248	231
Synthetic (100%).....do		6,012	6,318	6,109	6,112	4,736	5,680	6,823	7,237	6,259	6,991	6,616
Phthalic anhydride*.....thous. of lb.	11,802	10,934	11,284	9,567	8,066	8,066	7,881	8,555	9,061	7,094	9,777	9,127
FERTILIZERS												
Consumption, Southern States.....thous. of short tons.	1,237	163	148	192	262	379	370	552	1,136	1,365	1,309	1,745
Exports, total ⊗.....long tons.	66,197	77,847	141,982	86,647	95,257	115,015	98,148	85,688	114,520	83,304	96,315	82,156
Nitrogenous ⊗.....do	2,951	2,633	7,265	8,381	5,847	25,709	32,448	10,436	28,454	12,347	12,737	14,904
Phosphate materials ⊗.....do	55,595	62,293	123,099	66,878	75,291	79,026	55,026	65,032	74,787	63,789	73,022	62,311
Prepared fertilizers ⊗.....do	1,316	4,753	5,851	5,705	4,021	2,757	362	716	848	558	2,984	505
Imports, total ⊗.....do	139,392	83,985	91,584	70,738	79,015	65,489	69,447	120,210	84,361	128,051	127,517	130,394
Nitrogenous, total ⊗.....do	118,304	79,219	84,146	66,492	68,543	57,091	56,672	100,919	66,493	112,380	113,814	109,535
Nitrate of soda ⊗.....do	50,068	47,016	58,160	22,861	25,777	14,556	13,030	47,862	22,437	63,227	69,553	79,379
Phosphates ⊗.....do	13,054	0	4,392	732	7,538	4,444	4,454	8,938	10,438	971	714	8,055
Potash ⊗.....do	1,722	984	0	0	0	0	3,000	3,929	200	1,350	982	1,000
Price, wholesale, nitrate of soda, crude, f. o. b. cars, port warehouses ⊙.....dol. per 100 lb.	1.650	1.650	1.650	1.650	1.650	1.650	1.650	1.650	1.650	1.650	1.650	1.650
Potash deliveries.....short tons.	83,465	67,444	72,079	62,568	66,158	68,408	81,185	95,769	73,577	85,314	79,778	1,650
Superphosphate (bulk): †												
Production.....do	624,701	671,074	666,848	694,908	651,140	732,814	718,023	656,425	717,426	702,564	716,775	765,314
Stocks, end of month.....do	640,169	803,939	826,580	884,061	914,147	897,532	598,541	904,994	916,458	847,990	675,130	523,999
MISCELLANEOUS												
Explosives (industrial), shipments.....thous. of lb.	47,122	38,042	37,370	37,876	38,205	38,795	37,543	34,745	35,935	36,268	38,069	33,336
Gelatin: ♂												
Production, total*.....do	3,173	3,233	2,272	2,788	2,595	3,452	3,304	3,350	3,383	3,612	3,919	3,784
Edible.....do	2,038	2,285	1,559	2,183	2,120	2,292	2,257	2,142	2,057	2,439	2,541	2,271
Stocks, total*.....do	6,201	5,693	5,261	4,736	6,136	4,561	4,823	5,330	5,413	5,647	6,130	6,321
Edible.....do	2,652	2,526	2,322	2,139	2,343	2,187	2,367	2,459	2,346	2,505	2,763	2,695
Rosin (gum and wood):												
Price, gum, wholesale "H" (Sav.), bulk.....dol. per 100 lb.	6.76	5.81	5.81	6.52	6.76	6.76	6.76	6.76	6.76	6.76	6.76	6.76
Production*.....drums (520 lb.).....do	376,750	383,979	397,731	473,146	375,501	478,890	375,501	478,890	375,501	478,890	375,501	478,890
Turpentine (gum and wood):												
Price, gum, wholesale (Savannah) †.....dol. per gal.	.84	.80	.74	.76	.77	.80	.82	.83	.84	.84	.84	.84
Production*.....bbl. (50 gal.).....do	139,046	184,777	142,078	165,326	150,098	150,098	150,098	150,098	150,098	150,098	150,098	150,098
Sulfur*:												
Production.....long tons.....do	304,472	309,570	313,391	346,349	341,060	348,365	323,738	331,843	318,722	286,316	281,490	294,473
Stocks.....do	3,861,525	3,776,738	3,698,357	3,711,311	3,682,511	3,858,728	3,916,334	4,003,917	4,000,461	4,063,286	3,978,735	3,892,982
OILS, FATS AND BYPRODUCTS												
Animal, including fish oil:												
Animal fats: †												
Consumption, factory.....thous. of lb.	162,231	123,734	98,309	119,747	106,522	116,707	111,115	95,487	112,173	117,133	115,984	119,264
Production.....do	136,182	189,914	175,763	177,093	155,031	164,949	232,665	258,941	236,879	291,151	208,385	194,656
Stocks, end of month.....do	162,986	230,218	239,521	208,952	189,392	179,667	200,043	231,504	255,195	274,512	264,817	251,468
Greases: †												
Consumption, factory.....do	48,056	55,826	40,203	52,016	54,953	49,729	43,590	35,557	40,558	40,348	50,012	49,895
Production.....do	42,467	44,117	41,455	37,569	37,569	41,127	44,516	45,673	48,141	53,213	49,360	47,908
Stocks, end of month.....do	90,802	71,615	77,866	78,292	71,094	66,052	65,397	72,316	81,423	91,807	92,996	96,189

\* Revised. † Excludes data for Mississippi which has discontinued monthly reports; June 1945 figure excluding this State, 161,000, February 1946, 1,272,000.  
 ⊙ For a brief description of this series see note in April 1946 Survey. ‡ See note marked "†" on p. S-25.  
 † Includes production for beverage purposes, reported separately through October, as follows (thous. of proof gallons): June, 112; July, 14,685; Aug., 6,042; Sept., 4,414; Oct., 6,954. These amounts and total production shown above after October are included also in data for production of distilled spirits shown on p. S-26.  
 § See note in the April 1946 Survey with regard to differences between these series and similar data published in the 1942 Supplement to the Survey.  
 ¶ Data for ethyl alcohol, except stocks at denaturing plants, continue data published in the 1942 Supplement to the Survey but suspended during the war period; stocks at denaturing plants were not reported prior to 1942. The data for spirits and unfinished spirits are production at registered distilleries and represent primarily production for industrial purposes under the acts of January 24 and Mar. 27, 1942, but include amounts produced for beverage purposes (see note marked †). Total production of ethyl alcohol and spirits shown above represents net amount after deducting unfinished spirits used in redistillation. Tax-paid withdrawals of spirits and unfinished spirits are not shown here since they are included in total tax-paid withdrawals of distilled spirits shown on p. S-26.  
 † Data for gelatin cover all known manufacturers; the series for edible gelatin continue data published in the 1942 Supplement; the totals include technical, pharmaceutical and photographic in addition to edible gelatin; data prior to March 1945 will be shown later.  
 ‡ 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 a brief description of the series on glycerin, see note in November 1944 Survey. For data through December 1943 for the other indicated chemical series, see p. 24 of the December 1945 Survey. Data for production and stocks of rosin and turpentine are from the Department of Agriculture and represent total production of gum and wood products and stocks held by producers, distributors and consumers. These series have been substituted for data formerly shown for three ports, which have declined in importance; data beginning in 1942 will be published later. Data for 1940-43 for sulphur are shown on p. 24 of the May 1946 Survey. See note marked "†" regarding the new series for gelatin.  
 † Revised series. See note in November, 1943 Survey regarding change in the turpentine price series beginning in the April 1943 Survey and superphosphate beginning September 1942.



Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946					
	June	June	June	July	August	Sep-tember	October	November	December	January	February	March	April	May
<b>CHEMICALS AND ALLIED PRODUCTS—Continued</b>														
<b>PAINT SALES</b>														
Calcimines, plastic-texture and cold-water paints:†														
Calcimines.....thous. of dol.....	170	87	101	90	78	91	83	111	100	98	100	96		
Plastic-texture paints.....do.....	50	50	50	48	68	68	68	75	87	85	113	91		
Cold-water paints:														
In dry form.....do.....	266	246	250	208	281	271	190	199	262	305	365	439		
In paste form for interior use.....do.....	361	236	262	243	190	200	187	269	240	274	271	290		
Paint, varnish, lacquer, and fillers, total.....do.....	58,368	52,623	51,101	48,020	57,540	50,298	43,382	56,556	54,573	64,697	72,339	72,403		
Classified, total.....do.....	52,266	47,175	45,595	42,862	51,838	45,039	38,072	50,415	48,891	58,279	65,021	65,134		
Industrial.....do.....	26,255	24,485	22,168	16,851	20,820	18,996	16,614	19,983	17,643	20,940	24,256	24,475		
Trade.....do.....	26,012	22,689	23,427	26,011	31,018	26,043	21,458	30,432	31,248	37,339	40,765	40,659		
Unclassified.....do.....	6,102	5,449	5,506	5,158	5,702	5,259	5,311	6,141	5,682	6,418	7,318	7,329		
<b>CELLULOSE PLASTIC PRODUCTS</b>														
Shipments and consumption:‡														
Cellulose acetate and mixed ester plastics:														
Sheets, rods and tubes.....thous. of lb.....	1,386	1,294	1,432	1,313	1,533	1,660	1,165	1,564	1,549	1,752	1,862	1,643		
Molding and extrusion materials.....do.....	5,151	5,018	5,465	5,344	6,114	6,171	5,395	6,690	6,025	6,504	7,181	7,251		
Nitrocellulose, sheets, rods, and tubes.....do.....	1,267	1,104	1,417	1,222	1,426	1,498	1,289	1,514	1,435	1,521	1,714	1,532		

**ELECTRIC POWER AND GAS**

<b>ELECTRIC POWER</b>														
Production, total <sup>1</sup> .....mil. of kw.-hr.....	17,621	18,834	18,954	18,625	17,008	17,671	17,358	18,109	18,403	16,193	17,800	17,477	17,675	
By source:														
Fuel.....do.....	10,941	11,859	12,252	12,280	10,980	11,208	11,026	11,523	11,292	9,967	10,521	10,797	10,577	
Water power.....do.....	6,680	6,974	6,702	6,344	6,028	6,463	6,332	6,586	7,110	6,226	7,278	6,680	7,099	
By type of producer:														
Privately and municipally owned utilities.....do.....	15,212	16,145	16,180	15,705	14,510	15,108	15,094	15,698	15,901	13,900	15,288	15,076	15,162	
Other producers.....do.....	2,410	2,688	2,824	2,919	2,498	2,563	2,264	2,410	2,501	2,294	2,512	2,402	2,514	
Sales to ultimate customers, total (Edison Electric Institute) <sup>2</sup> .....mil. of kw.-hr.....	16,605	16,267	16,139	14,895	14,502	14,908	15,283	15,757	14,920	15,091	15,233	15,064		
Residential or domestic.....do.....	2,656	2,603	2,612	2,693	2,789	3,026	3,275	3,658	3,282	3,503	3,282	3,094	2,994	
Rural (distinct rural rates).....do.....	403	375	478	383	390	258	264	242	243	249	328	379		
Commercial and industrial:														
Small light and power <sup>3</sup> .....do.....	2,478	2,439	2,497	2,477	2,509	2,566	2,663	2,755	2,708	2,622	2,595	2,578		
Large light and power <sup>3</sup> .....do.....	9,641	9,463	9,147	8,028	7,826	7,657	7,561	7,596	7,083	7,592	7,916	7,869		
Street and highway lighting <sup>3</sup> .....do.....	146	149	161	175	197	209	223	229	198	193	174	160		
Other public authorities <sup>3</sup> .....do.....	656	640	632	662	555	535	540	512	618	486	483	463		
Railways and railroads <sup>3</sup> .....do.....	574	560	562	533	588	608	702	708	614	613	591	570		
Interdepartmental <sup>3</sup> .....do.....	50	45	50	45	48	50	56	57	51	53	52	51		
Revenue from sales to ultimate customers (Edison Electric Institute).....thous. of dol.....	277,255	274,356	275,022	267,943	271,413	276,718	284,845	297,601	288,746	282,543	278,337	277,145		
<b>GAS †</b>														
Manufactured and mixed gas:														
Customers, total.....thousands.....	10,659				10,742			10,685						
Residential.....do.....	9,797				9,869			9,777						
Residential central heating.....do.....	379				395			440						
Industrial and commercial.....do.....	472				469			458						
Sales to consumers, total.....mil. of cu. ft.....	138,788	133,767	131,206	131,982	136,466	141,463	148,872	153,234	151,291	146,754	141,802	140,159		
Residential.....do.....	56,475			53,421			57,703							
Residential central heating.....do.....	16,983			15,191			26,952							
Industrial and commercial.....do.....	46,918			37,522			40,925							
Revenue from sales to consumers, total.....thous. of dol.....	111,748			107,534			117,069							
Residential.....do.....	73,451			70,518			75,130							
Residential central heating.....do.....	11,119			4,287			10,425							
Industrial and commercial.....do.....	26,586			22,727			25,464							
Natural gas:														
Customers, total.....thousands.....	9,179				9,188			9,482						
Residential (incl. house heating).....do.....	8,516				8,537			8,761						
Industrial and commercial.....do.....	661				649			718						
Sales to consumers, total.....mil. of cu. ft.....	167,509	144,630	148,515	144,254	150,641	174,743	197,634	233,502	224,179	200,780	183,736	170,284		
Residential (incl. house heating).....do.....	135,217			125,746			156,228							
Indl., coml., and elec. generation.....do.....	32,292			18,508			31,220							
Revenue from sales to consumers, total.....thous. of dol.....	164,670			121,176			171,588							
Residential (incl. house heating).....do.....	88,088			54,512			95,141							
Indl., coml., and elec. generation.....do.....	75,264			65,199			75,707							

**FOODSTUFFS AND TOBACCO**

<b>ALCOHOLIC BEVERAGES</b>														
Fermented malt liquor:†														
Production.....thous. of bbl.....	6,832	8,104	8,149	8,104	7,758	8,081	6,798	6,966	7,508	7,236	5,452	5,642	5,836	
Tax-paid withdrawals.....do.....	6,367	7,340	7,743	8,149	7,437	7,381	6,800	6,228	6,527	6,527	5,581	5,708	5,958	
Stocks, end of month.....do.....	8,039	9,262	9,043	8,447	8,225	8,322	7,855	8,189	8,449	8,710	8,429	8,135	7,761	
Distilled spirits:														
Apparent consumption for beverage purposes†														
Imports.....thous. of wine gal.....	15,217	14,536	14,234	14,307	18,609	19,030	20,250	18,719	18,916	19,470	19,393	19,124		
Production†.....thous. of proof gal.....	1,787	933	921	1,007	1,189	1,366	1,155	1,194	1,159	1,580	2,078	1,964		
Production†.....thous. of tax gal.....	14,248	1,129	41,796	15,222	16,072	29,749	25,693	25,578	24,824	20,918	19,861	15,648		
Tax-paid withdrawal†.....do.....	9,632	9,038	9,660	9,938	10,607	13,643	12,239	9,901	11,356	10,816	11,272	10,612		
Stocks, end of month†.....do.....	390,053	321,957	341,234	342,761	341,521	342,686	345,580	357,248	366,406	375,117	380,812	386,443	387,853	

\* Revised. † For revisions for the indicated series, see note at bottom of p. S-23 of the May 1945 Survey.  
 1 Original estimates adjusted to agree with quarterly totals based on more complete reports. 2 Total for quarter.  
 ‡ Data for some items are not comparable with data prior to 1945; see note for calcimines, plastics and cold-water paints at bottom of p. S-23 of the December 1945 Survey.  
 § Data for sheets, rods and tubes cover all known manufacturers and are comparable with the combined figures for consumption and shipments of these products shown in the 1942 Supplement. Data for molding and extrusion materials does not include consumption in reporting company plants prior to June 1945, but amounts reported beginning that month are comparatively small; this series includes, beginning June, data for one additional company which accounted for 7 percent of the total in that month and 4 percent for July.  
 ¶ See p. 22 of July 1946 issue for 1943 and 1944 revisions for total electric power production and production by source; revisions by type of producer are available on request.  
 • Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later.  
 † See note marked "†" on p. S-25 of the April 1946 Survey regarding revisions in the data on natural and manufactured gas and the basis of the monthly estimates of gas sales.  
 ‡ See note marked "‡" on p. S-27 regarding revisions in the series on alcoholic beverages. Production includes high proof and unfinished spirits produced for beverage purposes and, beginning November 1945, some spirits used for industrial purposes; see note marked "¶" on p. S-24 for amounts of spirits and unfinished spirits included here and duplicated in data on that page. Amounts of ethyl alcohol produced for beverage purposes through October 1945 are given in note marked "¶" on p. S-25 of the April 1946 Survey. Stocks of high proof spirits and unfinished spirits are not included in the stock figures above but are shown on p. S-24.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	June	July	August	September	October	November	December	January	February	March	April	May

FOODSTUFFS AND TOBACCO—Continued

ALCOHOLIC BEVERAGES—Continued														
Distilled spirits—Continued.														
Whisky:														
Imports\$.....	thous. of proof gal.	768	593	566	674	916	897	803	960	845	970	932	1,032	
Production†.....	thous. of tax gal.	7,423	0	24,904	7,536	6,145	9,582	10,373	15,923	17,128	14,974	12,856	8,122	
Tax-paid withdrawals†.....	do	3,934	4,655	4,483	4,704	5,157	6,655	6,345	4,780	5,394	5,567	5,239	5,013	
Stocks, end of month†.....	do	374,073	307,588	326,608	328,063	327,356	328,729	330,927	341,235	350,063	358,857	364,539	370,268	371,863
Rectified spirits and wines, production, total†														
Whisky.....	thous. of proof gal.	11,949	10,767	9,556	10,785	11,416	14,785	13,909	11,171	13,425	12,486	13,579	13,860	13,378
Still wines.....	do	8,986	9,259	7,952	8,696	9,792	12,677	12,074	9,893	11,582	10,432	10,874	10,965	10,462
Imports\$.....														
Imports\$.....	thous. of wine gal.	168	100	137	134	224	303	247	274	153	299	321	476	
Production (including distilling materials)†.....	do	4,844	4,157	4,510	65,855	167,396	83,042	18,361	5,306	2,924	3,551	6,273	-----	
Tax-paid withdrawals†.....	do	6,202	4,998	5,382	5,196	7,785	9,878	9,057	8,680	9,785	12,809	11,982	-----	
Stocks, end of month†.....	do	102,725	97,563	93,003	109,492	169,007	183,357	174,502	163,965	152,622	139,139	126,622	-----	
Sparkling wines:														
Imports\$.....	do	2	2	13	7	21	42	43	24	8	15	43	66	
Production†.....	do	181	150	125	104	145	132	113	155	167	215	283	-----	
Tax-paid withdrawals†.....	do	84	90	124	125	174	211	210	126	121	145	144	-----	
Stocks, end of month†.....	do	1,132	1,190	1,179	1,137	1,107	1,000	877	896	938	1,000	1,129	-----	
DAIRY PRODUCTS														
Butter, creamery:														
Price, wholesale, 92-score (N. Y.)†.....	dol. per lb.	.523	.423	.423	.423	.423	.473	.473	.473	.473	.473	.473	.473	
Production (factory)†.....	thous. of lb.	119,885	171,717	155,905	133,289	100,071	88,741	68,834	66,640	69,520	66,030	76,815	91,140	113,995
Stocks, cold storage, end of month♂.....	do	49,719	131,669	184,759	206,501	189,888	164,646	108,501	53,127	32,135	19,462	14,925	14,052	26,856
Cheese:														
Imports\$.....	do	89	863	542	859	1,054	569	1,967	1,533	489	1,464	1,461	1,663	
Price, wholesale, American Cheddars (Wisconsin).....	dol. per lb.	.295	.233	.233	.233	.233	.233	.233	.233	.270	.270	.270	.270	
Production, total (factory)†.....	thous. of lb.	128,850	138,617	125,704	107,685	89,268	78,517	60,856	58,085	62,880	62,765	77,665	98,145	125,095
American whole milk†.....	do	96,445	111,813	99,917	87,596	70,964	59,118	44,774	41,697	44,440	43,865	53,160	62,185	91,140
Stocks, cold storage, end of month♂.....	do	134,834	182,831	213,198	229,310	227,354	213,054	173,736	127,011	106,623	91,372	86,998	84,845	102,142
American whole milk.....	do	109,301	166,739	196,335	208,558	207,438	193,965	159,284	112,896	95,725	81,913	74,420	73,054	86,089
Condensed and evaporated milk:														
Exports\$.....	do	7,889	10,469	4,414	7,294	1,625	6,313	5,525	13,626	7,185	9,791	10,899	9,786	
Evaporated.....	do	62,871	70,899	55,177	46,873	23,988	63,449	83,779	91,591	103,114	112,217	82,005	101,653	
Prices, wholesale, U. S. average:														
Condensed (sweetened).....	dol. per case	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	
Evaporated (unsweetened).....	do	4.54	4.15	4.15	4.15	4.15	4.14	4.14	4.15	4.15	4.15	4.14	4.21	
Production:														
Condensed (sweetened):														
Bulk goods*.....	thous. of lb.	102,317	81,613	61,769	45,072	34,798	27,270	24,311	27,461	32,301	37,037	55,076	70,108	106,894
Case goods†.....	do	13,200	15,527	14,632	13,925	11,939	11,217	9,469	8,840	8,800	8,200	9,965	10,200	12,650
Evaporated (unsweetened), case goods†.....	do	384,700	472,640	431,256	360,704	267,044	211,513	162,657	164,379	180,000	181,200	234,000	296,600	377,600
Stocks, manufacturers', case goods, end of month:														
Condensed (sweetened).....	thous. of lb.	9,617	11,868	13,987	14,310	11,753	7,842	7,261	5,357	4,991	5,044	4,415	5,551	7,748
Evaporated (unsweetened).....	do	219,180	209,953	204,368	192,455	172,386	131,226	89,844	71,762	54,098	46,245	59,045	80,577	150,579
Fluid milk:														
Price, dealers', standard grade.....	dol. per 100 lb.	3.46	3.25	3.25	3.25	3.26	3.26	3.27	3.27	3.27	3.28	3.29	3.30	3.32
Production.....	mil. of lb.	12,696	12,989	12,301	11,058	9,622	9,079	8,264	8,382	8,615	8,292	9,796	10,540	12,301
Utilization in manufactured dairy products†.....	do	4,802	6,191	5,617	4,794	3,662	3,196	2,492	2,428	2,570	2,439	2,997	3,663	4,630
Dried skim milk:														
Exports\$.....	thous. of lb.	21,073	21,480	11,335	22,396	10,247	18,225	26,684	25,285	27,164	15,856	8,358	4,014	
Price, wholesale, for human consumption, U. S. average.....	dol. per lb.	.143	.142	.143	.140	.137	.139	.143	.144	.144	.145	.144	.145	
Production, total†.....	thous. of lb.	91,375	88,132	71,030	53,245	39,700	31,440	24,100	33,530	38,290	40,160	56,140	70,830	92,425
For human consumption†.....	do	88,640	85,575	68,900	51,920	38,650	30,770	23,700	33,000	37,650	39,350	55,250	69,370	90,175
Stocks, manufacturers', end of month, total.....	do	85,207	88,563	77,615	56,745	39,985	23,712	12,825	14,042	12,786	14,551	21,014	35,402	72,572
For human consumption.....	do	83,566	87,052	76,058	55,683	38,857	22,996	12,430	13,736	12,474	14,313	20,778	34,832	71,448
FRUITS AND VEGETABLES														
Apples:														
Production (crop estimate).....	thous. of bu.	2106,465	-----	-----	-----	-----	-----	-----	164,400	-----	-----	-----	-----	
Shipments, carlot.....	no. of carloads	231	401	953	1,165	3,085	11,534	7,922	4,507	5,175	4,376	2,671	1,530	458
Stocks, cold storage, end of month.....	thous. of bu.	195	586	599	764	4,585	18,994	19,940	16,155	10,963	6,308	3,522	1,497	634
Citrus fruits, carlot shipments.....	no. of carloads	13,338	14,302	11,288	8,970	8,929	14,106	16,111	21,217	20,851	19,751	19,229	21,123	17,171
Frozen fruits, stocks, cold storage, end of month.....	thous. of lb.	291,923	169,518	239,839	288,829	360,230	381,267	377,126	375,773	362,314	344,026	321,765	291,148	278,109
Frozen vegetables, stocks, cold storage, end of month.....	thous. of lb.	2173,469	91,029	134,512	163,927	189,033	204,093	198,545	191,218	172,512	156,274	147,394	140,277	144,573
Potatoes, white:														
Price, wholesale (N. Y.).....	dol. per 100 lb.	3.344	3.780	3.428	3.179	2.431	2.445	2.744	3.000	3.060	3.000	3.844	4.115	3.894
Production (crop estimate)†.....	thous. of bu.	2431,672	-----	-----	-----	-----	-----	-----	425,131	-----	-----	-----	-----	
Shipments, carlot.....	no. of carloads	30,601	22,976	19,711	21,350	26,018	29,291	23,840	19,094	26,124	21,873	30,954	24,282	30,203
GRAINS AND GRAIN PRODUCTS														
Exports, principal grains, including flour and meal\$														
Barley:														
Exports, including malt\$.....	thous. of bu.	14,641	14,482	17,791	28,899	35,295	35,682	34,465	42,572	38,544	33,417	28,664	21,168	
Prices, wholesale (Minneapolis):														
No. 3, straight.....	dol. per bu.	1.43	1.18	1.17	1.14	1.19	1.27	1.30	1.30	1.30	1.30	1.34	1.34	1.40
No. 2, malting.....	do	1.45	1.28	1.27	1.26	1.27	1.31	1.32	1.31	1.32	1.31	1.35	1.36	1.43
Production (crop estimate)†.....	thous. of bu.	2320,278	-----	-----	-----	-----	-----	-----	1263,961	-----	-----	-----	-----	
Receipts, principal markets.....	do	4,668	11,264	9,602	22,598	19,931	15,243	9,832	7,537	6,879	5,089	8,868	5,062	4,116
Stocks, commercial, domestic, end of month.....	do	4,464	14,479	12,998	16,575	22,922	23,618	22,707	21,287	17,652	14,624	11,300	8,335	5,938

Revised. ♂ See note marked "♂" on page S-29. † Dec. 1, estimate. ‡ July 1 estimate.  
 † See note in June 1945 Survey for explanation of this price series. November average excludes sales at old price ceiling in effect through October.  
 ‡ Data continue series published in the 1942 Supplement which were suspended during the war period; data for October 1941-February 1945 will be published later.  
 † Revised 1943 data are shown on p. 13 of the March 1945 Survey; see note on item in February 1945 issue regarding earlier data: 1944 revisions will be shown later.  
 † Revisions for consumption of distilled spirits for beverage purposes for 1940-44 are available on p. 22 of July 1946 Survey. See note marked "†" on p. S-25 of the April 1946 Survey for sources of 1941-42 and July 1943-January 1944 revisions for other alcoholic beverage series; revisions for fiscal year 1945 are shown on p. S-27 of the May 1946 issue. Revisions for 1920 to March 1945 for the series on utilization of fluid milk in manufactured dairy products are available on request; see note marked "†" on p. S-26 of the April 1946 Survey for sources of 1941-43 revisions for dried skim milk production and note marked "†" on p. S-25 of that issue for sources of 1941-43 revisions for the other indicated dairy products series. Crop estimates for barley and potatoes have been revised for 1929-41; for 1941 revisions, see February 1943 Survey, p. 25; 1929-40 data are available on request.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	July	August	September	October	November	December	January	February	March	April	May	

FOODSTUFFS AND TOBACCO—Continued

GRAINS AND GRAIN PRODUCTS—Continued												
<b>Corn:</b>												
Exports, including meal	2,979	810	891	304	292	217	624	269	417	565	152	2,024
Grindings, wet process	10,636	9,941	9,849	6,996	7,609	6,841	9,446	11,002	7,791	5,759	11,385	9,322
Prices, wholesale:												
No. 3, yellow (Chicago)	1.53	1.18	1.18	1.18	1.18	1.18	1.17	(1)	1.17	(1)	(1)	1.45
No. 3, white (Chicago)	(1)	(1)	1.32	(1)	(1)	(1)	1.32	1.31	(1)	(1)	(1)	1.26
Weighted average, 5 markets, all grades	1.40	1.13	1.13	1.17	1.17	1.12	1.04	.97	.92	.94	.99	1.11
Production (crop estimate)†	3,341,646							3,018,410				
Receipts, principal markets	11,103	31,832	29,138	14,482	22,119	18,714	28,931	31,671	31,962	33,196	16,681	16,153
Stocks, domestic, end of month:												
Commercial	15,904	11,208	7,100	3,714	4,674	4,723	7,780	11,127	16,493	26,886	23,608	19,511
On farms‡	515,341	738,591			303,138			1,931,180			1,071,090	
<b>Oats:</b>												
Exports, including oatmeal		549	168	273	690	469	1,719	1,055	3,021	5,527	2,010	1,898
Price, wholesale, No. 3, white (Chicago)	(1)	(1)	(1)	.62	.63	.68	.77	.80	.80	.81	(1)	(1)
Production (crop estimate)†	1,471,026							1,547,663				
Receipts, principal markets	5,915	7,865	12,269	42,097	32,784	23,028	18,308	16,158	21,762	13,104	16,473	11,045
Stocks, domestic, end of month:												
Commercial	3,153	9,604	11,127	28,651	43,555	48,361	45,043	46,695	38,775	28,921	23,890	14,234
On farms‡	277,973	209,400			1,290,931			988,435			401,325	
<b>Rice:</b>												
Exports		337,633	251,841	109,441	234,917	449,436	845,680	856,526	941,488	815,915	920,815	698,915
Imports		0	125	21,674	24	0	22,009	13,238	8,807	7	7,817	3,166
Price, wholesale, head, clean (N. O.)	.066	.066	.066	.066	.066	.066	.066	.066	.066	.066	.066	.066
Production (crop estimate)†	68,829							70,160				
<b>California:</b>												
Receipts, domestic, rough	206,543	463,410	406,683	250,267	89,180	1,028,143	1,023,332	610,109	493,561	412,082	394,471	363,534
Shipments from mills, milled rice	283,065	410,587	323,759	383,717	65,446	341,989	592,683	468,991	361,417	357,147	224,996	239,981
Stocks, rough and cleaned (in terms of cleaned, end of month)	262,672	309,154	252,667	65,460	55,544	363,538	428,849	358,408	330,078	241,973	272,359	264,032
<b>Southern States (La., Tex., Ark., Tenn.):</b>												
Receipts, rough, at mills	22	101	86	453	2,249	4,220	4,211	1,069	510	314	240	109
Shipments from mills, milled rice												
Stocks, domestic, rough and cleaned (in terms of cleaned), end of month	254	326	324	288	1,275	2,088	2,645	1,899	1,678	1,506	1,092	681
<b>Rye:</b>												
Price, wholesale, No. 2 (Minneapolis)	2.85	1.55	1.53	1.44	1.51	1.64	1.84	1.75	1.98	2.13	2.36	2.70
Production (crop estimate)†	20,897							26,354				
Receipts, principal markets	72	1,186	639	2,173	2,358	1,145	1,301	896	480	404	476	317
Stocks, commercial, domestic, end of month	322	6,599	4,095	4,433	4,732	4,209	4,769	4,544	3,868	3,340	3,113	1,016
<b>Wheat:</b>												
Disappearance, domestic		282,097			373,657			340,519			351,200	
Exports, wheat, including flour		9,809	12,170	15,634	26,450	32,585	32,699	31,871	38,196	31,764	29,551	23,471
Wheat only		4,726	7,450	11,114	22,184	26,912	23,637	24,057	27,733	18,476	21,485	13,125
Prices, wholesale:												
No. 1, Dark Northern Spring (Minneapolis)	1.90	1.72	1.72	1.71	1.69	1.73	1.73	1.73	1.74	1.75	1.77	1.77
No. 2, Red Winter (St. Louis)	1.94	1.76	1.67	1.68	1.71	1.78	(1)	(1)	(1)	(1)	(1)	(1)
No. 2, Hard Winter (K. C.)	1.86	1.68	1.58	1.60	1.62	1.68	1.69	1.69	1.69	1.69	1.72	1.72
Weighted av., 6 mks., all grades	1.90	1.70	1.62	1.64	1.65	1.70	1.70	1.71	1.72	1.72	1.75	1.76
Production (crop est.), total†	1,090,992							1,123,143				
Spring wheat	232,929							299,966				
Winter wheat	857,163							823,177				
Receipts, principal markets	41,005	58,325	100,199	88,625	62,138	54,857	42,048	29,185	26,938	21,457	31,111	16,472
Stocks, end of month:												
Canada (Canadian wheat)	46,791	239,037	206,960	171,740	181,292	202,718	175,257	152,823	141,796	122,374	102,441	81,080
United States, domestic, total†	101,463	280,882			1,030,363			688,844			336,738	
Commercial	29,917	67,185	132,278	167,539	170,305	147,301	121,712	102,130	72,262	50,011	34,317	17,849
Country mills and elevators‡	8,504	42,129			181,390			108,839			35,570	
Merchant mills	12,838	58,463			128,261			95,276			55,899	
On farms‡	42,703	89,405			528,218			268,820			203,961	
<b>Wheat flour:</b>												
Exports		1,081	1,004	962	908	1,207	1,928	1,663	2,226	2,827	1,716	2,201
Grindings of wheat	37,600	53,435	52,281	54,460	51,885	57,752	52,403	52,974	59,591	59,361	44,975	42,745
Prices, wholesale:												
Standard patents (Minneapolis)§	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
Winter, straights (Kansas City)§	6.49	6.39	6.22	6.22	6.31	6.42	6.36	6.44	6.46	6.46	6.49	6.49
Production (Census)†												
Flour	8,929	11,658	11,350	11,839	11,333	12,656	11,473	11,508	13,064	13,016	10,680	10,142
Operations, percent of capacity		76.1	77.2	74.5	80.0	79.5	77.8	78.5	85.3	91.3	69.4	65.8
Offal	510,000	942,823	924,648	957,241	906,106	1,003,713	914,928	925,109	1,038,080	1,032,900	622,980	584,280
Stocks held by mills, end of month	918	3,068			2,634			3,399			2,385	
<b>LIVESTOCK</b>												
<b>Livestock slaughter (Federally inspected):</b>												
Cattle	294	486	482	609	666	877	783	548	440	427	484	445
Calves	451	1,060	1,050	1,292	1,358	1,584	1,408	1,118	1,012	1,015	904	715
Hogs	2,316	3,382	2,752	2,206	1,922	2,330	4,350	5,837	4,911	4,698	3,636	3,858
Sheep and lambs	1,678	1,906	1,742	1,563	1,658	2,018	1,772	1,806	1,440	2,196	1,978	1,736
<b>Cattle and calves:</b>												
Receipts, principal markets	1,725	2,015	2,207	2,585	2,791	3,816	3,024	2,073	1,961	1,960	1,920	2,145
Shipments, feeder, to 8 corn belt States†	141	117	104	203	339	669	404	187	97	97	91	109
Prices, wholesale:												
Beef steers (Chicago)	17.30	16.58	16.64	16.42	16.62	16.86	16.91	16.59	16.49	16.14	16.26	16.56
Steers, stocker and feeder (K. C.)	15.72	13.73	13.54	13.08	12.25	12.62	13.19	13.41	13.56	14.71	15.22	15.86
Calves, vealers (Chicago)	18.88	15.69	15.38	15.34	14.44	14.48	14.63	14.63	14.69	14.81	15.66	15.75

Revised. † Preliminary. ‡ Dec. 1, estimate. § July 1, estimate. ¶ No quotation. †† 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. ‡ Data continue series published in the 1942 Supplement which were suspended during the war period; data for October 1941-February 1945 will be published later. ††† Data relate to regular flour only; in addition data for granular flour were reported for January 1943 to February 1946 and are given in notes in the May 1946 and previous issues of the Survey; data were not collected after February 1946. †††† Prices since May 1943 have been quoted for sacks of 100 pounds and have been converted to price per barrel to have figures comparable with earlier data. ††††† The total includes wheat owned by the Commodity Credit Corporation stored off farms in its own steel and wooden bins not included in the breakdown of stocks. †††††† Revised series. The indicated grain series have been revised as follows: Crop estimate for oats, 1932-41, and rice, 1937-41; other crop estimates, 1929-41; domestic disappearance of wheat and stocks of wheat in country mills and elevators, 1934-41; corn, oat and wheat stocks on farms and total United States stocks of domestic wheat, 1926-41; see note marked "†" on p. S-26 of the April 1946 Survey for sources of revisions for 1941; all revisions are available on request. The series for feeder shipments of cattle and calves was revised in the August 1943 Survey to include data for Illinois; see p. S-28 of that issue for revised data for 1941-42.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945								1946				
	June	June	July	August	September	October	November	December	January	February	March	April	May		
<b>FOODSTUFFS AND TOBACCO—Continued</b>															
<b>LIVESTOCK—Continued</b>															
Hogs:															
Receipts, principal markets.....thous. of animals.....	1,352	1,967	1,610	1,292	1,191	1,469	2,935	3,459	3,344	2,952	2,211	2,472	2,431		
Prices:															
Wholesale, average, all grades (Chicago)															
dol. per 100 lb.....	14.77	14.69	14.54	14.51	14.54	14.75	14.67	14.66	14.72	14.77	14.80	14.81	14.81		
Hog-corn ratio <sup>†</sup> .....bu. of corn per 100 lb. of live hogs.....	10.1	12.7	12.5	12.4	12.6	12.5	12.8	13.0	12.8	12.8	12.5	12.2	10.6		
Sheep and lambs:															
Receipts, principal markets.....thous. of animals.....	2,517	2,419	2,165	2,270	2,811	3,640	2,270	2,100	1,663	2,481	1,753	1,934	1,610		
Shipments, feeder, to 8 corn belt States <sup>‡</sup> .....do.....	76	52	100	354	932	1,072	315	129	102	154	90	67	56		
Price, wholesale:															
Lambs, average (Chicago).....dol. per 100 lb.....	16.75	15.29	15.55	13.81	13.26	14.02	14.00	13.89	14.30	14.70	15.23	15.51	16.00		
Lambs, feeder, good and choice (Omaha).....do.....	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )	14.53	14.51	14.66	14.76	14.33	14.46	15.50	15.38	15.30	( <sup>Ⓢ</sup> )		
<b>MEATS</b>															
Total meats (including lard):															
Consumption, apparent.....mil. of lb.....	( <sup>Ⓢ</sup> )	1,265	1,198	1,320	1,356	1,509	1,498	1,426	1,368	1,478	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )		
Exports.....do.....		60	96	62	40	19	125	202	325	173	191	136	200		
Production (inspected slaughter).....do.....	797	1,401	1,293	1,281	1,252	1,442	1,688	1,739	1,581	1,595	1,296	1,226	1,224		
Stocks, cold storage, end of month <sup>Ⓢ</sup> .....do.....	505	767	790	696	559	491	556	687	772	791	750	691	619		
Edible offal <sup>Ⓢ</sup> .....do.....	31	27	27	27	24	27	31	41	47	49	49	44	38		
Miscellaneous meats and meat products <sup>Ⓢ</sup> .....do.....	31	48	53	54	47	44	37	39	38	44	46	44	36		
Beef and veal:															
Consumption, apparent.....thous. of lb.....	( <sup>Ⓢ</sup> )	569,208	608,407	727,399	810,409	901,389	746,489	521,900	466,896	543,843	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )		
Exports.....do.....		369	356	1,173	1,561	1,903	15,221	69,602	90,526	50,214	94,545	30,945	44,577		
Price, wholesale, beef, fresh, native steers (Chicago)															
dol. per lb.....	.203	.200	.200	.200	.200	.200	.200	.200	.200	.200	.202	.203	.203		
Production (inspected slaughter).....thous. of lb.....	275,752	617,147	601,405	707,488	754,398	869,459	750,723	599,635	557,516	569,746	526,166	431,517	409,953		
Stocks, cold storage, end of month <sup>Ⓢ</sup> .....do.....	73,517	275,154	270,834	250,886	208,926	187,807	177,033	186,365	187,892	164,871	162,098	140,157	105,905		
Lamb and mutton:															
Consumption, apparent.....do.....	( <sup>Ⓢ</sup> )	72,656	75,611	71,547	71,896	82,413	74,598	74,060	62,124	102,496	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )		
Production (inspected slaughter).....do.....	65,149	76,918	72,335	66,684	71,179	86,423	76,951	80,491	66,010	100,934	89,629	75,865	57,167		
Stocks, cold storage, end of month <sup>Ⓢ</sup> .....do.....	9,745	18,121	14,842	9,918	9,177	13,066	15,394	17,406	19,189	16,533	15,513	12,171	10,863		
Pork (including lard):															
Consumption, apparent.....do.....	( <sup>Ⓢ</sup> )	623,138	514,384	521,062	473,889	525,288	676,895	829,991	839,051	831,492	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )		
Production (inspected slaughter).....do.....	456,591	706,956	619,372	506,858	426,044	485,849	859,844	1,058,969	957,453	924,170	680,480	718,345	757,222		
Pork:															
Exports.....do.....		13,903	11,476	3,353	1,312	1,585	11,190	12,721	16,559	8,222	20,718	27,321	47,991		
Prices, wholesale:															
Hams, smoked (Chicago).....dol. per lb.....	.265	.258	.258	.258	.258	.258	.258	.258	.258	.258	.264	.268	.265		
Fresh loins, 8-10 lb. average (New York).....do.....	.266	.259	.259	.259	.259	.259	.259	.259	.259	.259	.264	.266	.266		
Production (inspected slaughter).....thous. of lb.....	360,342	545,395	474,830	387,806	332,064	390,754	679,582	810,106	747,282	708,566	533,909	573,027	606,017		
Stocks, cold storage, end of month <sup>Ⓢ</sup> .....do.....	325,016	333,019	344,812	285,216	211,004	188,028	235,894	320,571	396,740	426,545	396,753	379,373	382,742		
Lard:															
Consumption, apparent.....do.....	( <sup>Ⓢ</sup> )	80,348	50,918	71,837	45,612	66,397	95,465	134,462	127,002	102,417	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )	( <sup>Ⓢ</sup> )		
Exports.....do.....		35,953	40,836	24,965	32,647	10,662	27,350	22,862	25,063	47,975	42,323	55,435	64,861		
Price, wholesale, refined (Chicago).....dol. per lb.....	.148	.146	.146	.146	.146	.146	.146	.146	.146	.146	.147	.148	.148		
Production (inspected slaughter).....thous. of lb.....	69,837	117,861	105,140	86,506	68,268	68,975	131,250	180,801	152,728	157,087	106,538	105,369	109,563		
Stocks, cold storage, end of month <sup>Ⓢ</sup> .....do.....	35,404	65,899	79,285	68,989	58,998	50,914	59,349	82,826	83,489	90,184	80,438	71,153	45,539		
<b>POULTRY AND EGGS</b>															
Poultry:															
Price, wholesale, live fowls (Chicago).....dol. per lb.....	.269	.260	.251	.251	.239	.228	.232	.243	.255	.253	.268	.272	.274		
Receipts, 5 markets.....thous. of lb.....	32,865	20,245	27,688	38,041	56,772	94,226	99,208	89,018	47,157	31,634	31,348	37,278	34,765		
Stocks, cold storage, end of month <sup>Ⓢ</sup> .....do.....	174,377	97,211	103,203	114,192	157,072	238,936	320,745	355,914	363,954	363,954	320,027	256,822	209,944		
Eggs:															
Dried, production*.....do.....	15,761	9,177	8,031	7,858	2,674	544	159	183	264	7,449	18,335	20,924	17,556		
Price, wholesale, fresh firsts (Chicago).....dol. per doz.....	.332	.351	.356	.378	.346	.401	.437	.429	.356	.331	.332	.333	.336		
Production.....millions.....	5,012	5,304	4,593	3,940	3,397	3,118	2,936	3,400	4,214	4,954	6,696	6,721	6,216		
Stocks, cold storage, end of month <sup>Ⓢ</sup> .....do.....															
Shell.....thous. of cases.....	9,761	6,120	5,926	4,771	3,724	1,666	314	113	272	1,578	3,771	6,245	8,683		
Frozen.....thous. of lb.....	267,300	255,936	248,675	218,010	203,209	182,322	155,934	129,424	111,721	117,903	149,710	200,176	245,287		
<b>MISCELLANEOUS FOOD PRODUCTS</b>															
Candy, sales by manufacturers.....thous. of dol.....	30,467	30,979	24,164	29,722	35,369	43,504	40,459	36,818	42,709	38,865	39,254	38,469	34,622		
Cocoa, imports <sup>‡</sup> .....long tons.....		32,574	22,690	18,448	22,873	22,699	14,133	14,249	16,898	30,162	37,361	42,688	29,397		
Coffee:															
Clearances from Brazil, total.....thous. of bags.....	1,312	1,477	1,387	1,643	1,644	1,181	866	1,618	1,286	1,030	1,145	1,577	1,829		
To United States.....do.....	837	1,244	1,161	1,174	1,380	715	567	1,233	973	718	748	1,189	1,510		
Imports.....do.....		1,537	1,804	2,536	1,868	1,803	1,353	998	2,093	1,478	1,844	1,824	1,786		
Price, wholesale, Santos, No. 4 (N. Y.).....dol. per lb.....	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134		
Visible supply, United States.....thous. of bags.....	2,319	1,338	1,928	1,976	2,352	2,396	2,251	2,558	2,276	2,143	2,044	1,964	2,104		
Fish:															
Landings, fresh fish, 4 ports.....thous. of lb.....		69,323	61,113	54,254	38,493	43,356	33,247	21,640	10,821	12,455	24,151	25,257	.....		
Stocks, cold storage, end of month.....do.....	97,806	58,438	80,523	108,999	127,055	138,434	148,286	140,208	115,398	90,051	84,265	75,318	84,725		
Sugar:															
Cuban stocks, raw, end of month <sup>‡</sup> .....thous. of Span. tons.....	2,551	1,795	1,516	975	795	388	296	205	299	1,111	2,036	2,702	2,902		
United States, deliveries and supply (raw value)*.....short tons.....	572,986	576,638	514,500	540,129	490,761	471,266	420,708	354,447	516,244	285,341	476,316	556,466	524,662		
Deliveries, total.....do.....	505,435	558,870	492,561	513,695	471,466	468,755	411,491	347,402	514,724	276,715	425,742	500,608	451,994		
For domestic consumption.....do.....	67,551	177,768	21,939	26,434	19,295	2,511	9,217	7,045	1,520	8,626	50,574	55,858	72,668		
Production, domestic, and receipts:															
Entries from off-shore areas.....do.....	478,387	417,489	441,594	464,037	412,128	276,089	210,392	196,476	182,937	263,345	465,834	433,190	501,777		
Production, domestic cane and beet.....do.....		9,549	8,644	16,161	56,654	420,480	644,161	414,465	98,626	24,771	19,305	18,254	8,345		
Stocks, raw and refined.....do.....		684,054	604,140	542,231	513,294	728,489	1,167,026	1,418,532	1,794,764	1,174,614	1,184,341	1,080,908	1,065,183		

<sup>†</sup> Revised. <sup>‡</sup> For data for December 1941-July 1942, see note in November 1943 Survey.  
<sup>‡</sup> Compiled by the U. S. Department of Labor; see note in April 1944 Survey. \* No quotation. <sup>Ⓢ</sup> Temporarily discontinued; data under revision.  
<sup>Ⓢ</sup> Cold storage stocks of dairy products, meats, poultry and eggs include stocks owned by the D. P. M. A., P. M. A., and other Government agencies, stocks held for the 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.  
<sup>Ⓢ</sup> Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later.  
<sup>Ⓢ</sup> Data for edible offal are comparable with figures beginning June 1944 shown as "miscellaneous meats" through the April 1946 Survey (see note in that issue). "Miscellaneous meats and meat products" shown above include sausage and sausage room products and canned meats and meat products which were not reported prior to June 1944. Stocks shown under beef and veal are combined figures for beef and veal; the latter also has been reported only beginning June 1944. Data for June 1944 to February 1946 for veal and for the items now shown as miscellaneous meats and meat products are given in notes in the August 1944 to April 1946 issues of the Survey. Stocks for the several meats include trimmings which were included as "miscellaneous meats" prior to June 1944.  
<sup>Ⓢ</sup> New series. Data for 1927-43 for dried eggs are shown on p. 20 of the March 1945 Survey. The new sugar series include raw and refined in terms of raw (see also note in the April 1945 Survey).  
<sup>†</sup> Revised series. The hog-corn ratio has been shown on a revised basis beginning in the March 1943 Survey; revisions beginning 1913 will be shown later. The series for feeder shipments of sheep and lambs has been revised beginning 1941 to include data for Illinois; revisions are shown on p. S-27, of the August 1943 Survey.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	July	August	September	October	November	December	January	February	March	April	May	
<b>FOODSTUFFS AND TOBACCO—Continued</b>													
<b>MISCELLANEOUS FOOD PRODUCTS—Con.</b>													
Sugar, United States—Continued.													
Exports, refined sugar §..... short tons.....	15,344	15,531	16,991	9,690	5,406	3,484	18,972	* 4,304	7,003	33,945	58,321	59,716	
Imports: §													
Raw sugar, total..... do.....	195,571	138,085	221,391	266,947	98,396	76,871	68,374	172,125	191,214	310,519	155,409	240,190	
From Cuba..... do.....	191,665	130,864	217,706	256,230	77,882	76,871	68,374	172,125	191,214	310,519	155,408	230,471	
Refined sugar, total..... do.....	28,359	37,210	61,858	5,093	34,920	10,979	4,387	10,324	195	33,816	38,785	38,061	
From Cuba..... do.....	28,125	37,210	61,858	5,093	28,372	10,856	4,243	10,324	0	33,656	38,785	38,061	
Receipts from Hawaii and Puerto Rico:													
Raw..... do.....	183,173	188,354	171,321	166,705	144,804	115,226	91,076	20,687	38,774	558,722	112,975	104,147	
Refined..... do.....	19,300	21,960	12,629	8,198	265	0	0	0	0	10,416	23,654	17,681	
Price, refined, granulated, New York:													
Retail..... dol. per lb.....	1.074	.064	.064	.064	.064	.064	.064	1.067	1.068	1.073	1.074	1.073	
Wholesale..... do.....	.059	.054	.054	.054	.054	.054	.054	.054	.056	.059	.059	.059	
Tea, imports §..... thous. of lb.....	1,476	3,304	6,834	8,987	9,015	9,881	3,686	14,975	12,569	6,139	6,580	3,077	
<b>TOBACCO</b>													
Leaf:													
Exports, incl. scrap and stems §..... thous. of lb.....	32,708	44,423	37,203	33,832	39,788	26,504	27,226	47,335	43,902	52,230	60,401	62,293	
Imports, incl. scrap and stems §..... do.....	5,101	4,312	5,849	4,996	6,112	4,892	3,119	22,371	4,043	5,129	4,727	5,633	
Production (crop estimate)..... mil. of lb.....	* 2,126						* 2,042						
Stocks, dealers and manufacturers, total, end of quarter..... mil. of lb.....	2,766			2,928			3,275			3,342			
Domestic:													
Cigar leaf..... do.....	372			338			324			377			
Fire-cured and dark air-cured..... do.....	236			192			175			223			
Flue-cured and light air-cured..... do.....	2,051			2,294			2,668			2,627			
Miscellaneous domestic..... do.....	2			2			3			2			
Foreign grown:													
Cigar leaf..... do.....	26			27			31			28			
Cigarette tobacco..... do.....	78			75			75			85			
Manufactured products:													
Consumption (tax-paid withdrawals): †													
Small cigarettes..... millions.....	26,360	24,311	21,815	28,478	26,360	31,340	25,406	16,061	25,226	23,637	26,401	25,452	
Large cigars..... thousands.....	452,180	403,023	350,756	420,922	420,623	512,727	468,404	364,671	468,592	455,024	480,479	484,518	
Manufactured tobacco and snuff..... thous. of lb.....	21,084	26,266	24,482	28,905	27,553	31,150	27,090	15,453	20,806	17,776	18,519	20,023	
Exports, cigarettes §..... thousands.....	355,973	372,713	405,535	582,295	879,853	1,106,903	1,002,748	2,660,699	1,048,525	1,448,618	1,996,922	4,443,744	
Price, wholesale (list price, composite):													
Cigarettes, f. o. b., destination..... dol. per 1,000.....	6.253	6.006	6.006	6.006	6.006	6.006	6.006	6.006	6.006	6.006	6.006	6.056	
Production, manufactured tobacco, total..... thous. of lb.....	28,529	26,276	30,049	27,730	31,096	26,608	16,655	20,521	18,065	19,067	19,750	19,571	
Fine-cut chewing..... do.....	333	301	360	338	374	392	279	331	262	282	290	290	
Plug..... do.....	5,060	5,019	5,720	5,198	5,607	4,703	3,066	4,106	4,317	4,373	4,172	4,172	
Scrap, chewing..... do.....	4,311	4,094	4,271	3,516	3,625	2,957	3,069	3,976	3,948	4,099	3,647	3,647	
Smoking..... do.....	14,820	13,185	15,401	14,670	16,849	14,616	6,954	7,979	5,944	6,386	7,808	7,808	
Snuff..... do.....	3,400	3,153	3,674	3,462	4,009	3,427	2,953	3,706	3,128	3,419	3,533	3,533	
Twist..... do.....	605	523	623	547	634	513	335	423	466	508	498	498	

## LEATHER AND PRODUCTS

<b>HIDES AND SKINS</b>												
Livestock slaughter (see p. 8-28).												
Imports, total hides and skins §..... thous. of lb.....	13,149	18,410	15,522	14,516	14,073	15,736	11,301	* 16,084	10,870	15,331	17,340	15,785
Calf and kip skins..... thous. of pieces.....	79	55	26	15	24	49	164	39	(*) 20	3	0	1
Cattle hides..... do.....	52	92	25	12	21	49	29	52	20	68	50	80
Goatskins..... do.....	2,148	1,825	1,010	1,973	1,574	2,201	1,656	3,137	2,297	2,332	1,571	1,168
Sheep and lamb skins..... do.....	2,491	3,340	3,677	3,333	3,349	2,774	1,912	2,883	1,968	2,818	4,684	3,609
Prices, wholesale (Chicago):												
Hides, packers', heavy, native steers..... dol. per lb.....	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155
Calfskins, packers', 8 to 15 lb..... do.....	.218	.218	.218	.218	.218	.218	.218	.218	.218	.218	.218	.218
<b>LEATHER</b>												
Exports: §												
Sole leather:												
Bends, backs and sides..... thous. of lb.....	412	247	336	3	157	154	3,062	79	1,818	721	3,113	2,335
Offal, including belting offal..... do.....	123	0	176	92	91	163	275	1,194	296	573	* 1,322	593
Upper leather..... do.....	1,992	2,581	2,036	1,324	2,741	2,864	6,705	3,206	2,853	3,324	4,072	4,430
Production:												
Calf and kip..... thous. of skins.....	1,083	858	950	942	1,070	946	937	1,031	1,032	898	907	821
Cattle hide..... thous. of hides.....	2,353	2,150	2,132	1,985	2,337	2,320	2,237	2,502	2,544	2,500	2,479	2,338
Goat and kid..... thous. of skins.....	1,537	2,015	1,745	1,780	1,676	1,742	1,780	1,659	1,997	2,143	2,190	1,773
Sheep and lamb..... do.....	4,172	3,794	4,507	4,132	4,784	4,639	3,949	4,418	4,288	4,256	3,986	3,944
Prices, wholesale:												
Sole, oak, bends (Boston) †..... dol. per lb.....	.462	.440	.440	.440	.440	.440	.440	.440	.440	.440	.440	.440
Chrome, calf, B grade, black, composite..... dol. per sq. ft.....	.536	.529	.529	.529	.529	.529	.529	.533	.533	.533	.533	.533
Stocks of cattle hides and leather, end of month:												
Total..... thous. of equiv. hides.....	11,729	11,951	12,245	12,577	13,047	13,037	13,177	13,622	13,593	* 13,094	12,084	10,998
Leather, in process and finished..... do.....	6,761	6,965	7,072	7,223	7,346	7,473	7,849	8,433	8,202	* 8,076	7,673	6,965
Hides, raw..... do.....	4,968	4,986	5,173	5,354	5,701	5,564	5,328	5,189	5,391	5,018	4,411	4,033
<b>LEATHER MANUFACTURES</b>												
Gloves and mittens, production, total*..... thous. doz. pairs.....	2,351	1,904	2,187	2,071	2,476	2,266	1,893	2,228	2,218	2,432	2,330	2,414
Dress and semi-dress, total..... do.....	705	545	648	650	775	734	632	656	688	794	* 774	795
Leather..... do.....	151	122	155	152	173	171	144	151	154	185	* 169	185
Leather and fabric combination..... do.....	82	59	40	29	33	26	20	18	20	23	* 23	24
Fabric..... do.....	472	364	453	469	568	537	468	488	513	586	* 581	587
Work, total..... do.....	1,646	1,359	1,538	1,422	1,701	1,531	1,261	1,572	1,530	1,638	1,557	1,619
Leather..... do.....	226	177	206	175	198	175	155	177	169	176	182	167
Leather and fabric combination..... do.....	231	185	227	208	242	212	186	231	220	225	* 214	212
Fabric..... do.....	1,189	995	1,105	1,039	1,261	1,144	921	1,164	1,141	1,237	1,160	1,240

\* Revised. \*Less than 500 pieces. \*Data for Puerto Rico; data for Hawaii not yet available.

† Data reflect a change in the sample of reporting stores and in the method of summarizing reports; January 1946 figure comparable with earlier data is \$0.064.

‡ Dec. 1 estimate. § July 1 estimate.

¶ Tax-paid withdrawals include requirements for consumption in the United States for both civilians and military services; withdrawals for export and for consumption outside the United States are tax-free.

§ Data continue series published in the 1942 Supplement but suspended during the war period (it should be noted that data for sugar are shown in long tons in that volume); data for October 1941-February 1945 will be published later.

\* Revised series. The price for sole oak leather is shown on a revised basis beginning in the October 1942 Survey; revisions beginning July 1933 are available on request.

† New series. Data on gloves and mittens are from the Bureau of the Census and cover all known manufacturers; data for January 1943-March 1945 for leather and combination leather and fabric, and for May 1944-March 1945 for fabric gloves and mittens will be published later. The series for leather gloves are not comparable with similar data shown in the 1942 Supplement which cover only around 85 percent of the total.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	July	August	Sep-tember	Octo-ber	Novem-ber	Decem-ber	January	February	March	April	May	
<b>LEATHER AND PRODUCTS—Continued</b>													
<b>LEATHER MANUFACTURES—Continued</b>													
Boots and shoes:													
Exports \$.....thous. of pairs.....	1,100	860	1,149	273	527	995	4,192	1,326	744	1,095	981	1,663	
Production, total.....do.....	44,216	36,481	41,838	37,257	42,237	40,049	34,649	41,246	43,701	47,955	49,087	49,331	
Government shoes.....do.....	5,430	4,643	4,440	1,423	1,047	805	632	471	464	427	273	227	
Civilian shoes, total.....do.....	38,785	31,838	37,398	35,834	41,190	39,243	34,017	40,479	43,237	47,528	48,814	47,159	
Athletic.....do.....	283	243	309	355	466	452	410	537	635	676	666	714	
Dress and work shoes, incl. sandals and playshoes:													
Leather uppers, total.....thous. of pairs.....	19,917	17,339	19,828	21,429	28,891	28,593	26,371	31,012	33,091	35,483	36,527	36,549	
Boys' and youths'.....do.....	955	998	1,071	1,206	1,579	1,593	1,421	1,492	1,777	1,807	1,872	1,878	
Infants'.....do.....	2,387	2,042	2,326	2,234	2,733	2,735	2,346	2,855	3,068	3,248	3,326	3,234	
Misses' and children's.....do.....	3,681	3,062	3,454	3,274	3,909	3,760	3,352	3,913	4,421	4,904	5,033	5,047	
Men's.....do.....	4,194	3,835	4,662	5,767	7,709	7,547	6,945	7,815	8,508	8,954	9,383	9,588	
Women's.....do.....	8,670	7,401	8,315	8,948	12,961	12,958	12,308	14,937	15,317	16,571	16,913	16,801	
Part leather and nonleather uppers.....do.....	13,066	9,376	10,672	7,745	3,613	2,608	2,632	4,007	4,622	5,671	5,772	5,550	
Slippers and moccasins for housewear.....do.....	5,264	4,685	6,373	6,130	8,056	7,433	4,497	4,782	4,757	5,487	5,628	6,002	
All other footwear.....do.....	255	196	216	176	165	157	106	140	133	211	222	350	

LUMBER AND MANUFACTURES

<b>LUMBER—ALL TYPES</b>												
Exports, total saw mill products \$.....M bd. ft.....	24,148	38,196	44,280	41,446	43,590	39,429	49,257	64,795	52,574	71,094	63,573	52,053
Sawed timber \$.....do.....	1,665	5,930	6,795	7,507	2,772	2,874	3,312	6,405	11,708	21,006	21,278	21,099
Boards, planks, scantlings, etc. \$.....do.....	20,184	29,094	34,765	31,095	38,922	33,803	44,012	56,089	39,194	48,091	40,048	30,954
Imports, total sawmill products \$.....do.....	91,597	89,128	100,707	91,293	109,730	98,964	95,432	80,528	79,434	95,354	97,136	90,263
National Lumber Manufacturers Association:†												
Production, total.....mil. bd. ft.....	2,689	2,707	2,341	2,574	2,191	2,089	1,891	1,638	1,840	1,887	2,279	2,538
Hardwoods.....do.....	659	583	560	634	612	673	615	443	516	498	640	699
Softwoods.....do.....	2,030	2,124	1,781	1,940	1,579	1,416	1,276	1,195	1,324	1,389	1,639	1,839
Shipments, total.....do.....	2,542	2,637	2,316	2,494	2,148	1,991	1,819	1,688	2,081	1,911	2,307	2,621
Hardwoods.....do.....	622	606	547	579	516	595	581	472	604	479	582	691
Softwoods.....do.....	1,919	2,031	1,769	1,915	1,632	1,396	1,238	1,216	1,477	1,432	1,725	1,930
Stocks, gross, end of month, total.....do.....	3,614	3,648	3,653	3,705	3,741	3,792	3,845	3,816	3,555	3,482	3,397	3,421
Hardwoods.....do.....	904	838	837	885	958	1,018	1,040	1,022	966	877	886	873
Softwoods.....do.....	2,711	2,810	2,816	2,820	2,783	2,774	2,805	2,794	2,649	2,605	2,511	2,548
<b>FLOORING</b>												
Maple, beech, and birch:												
Orders, new.....M bd. ft.....	2,750	2,775	2,900	2,975	2,900	3,600	2,275	1,150	2,875	2,625	3,025	4,325
Orders, unfilled, end of month.....do.....	6,250	7,200	7,200	6,525	6,500	7,150	7,300	7,050	6,700	6,725	6,875	6,175
Production.....do.....	2,550	3,325	2,925	2,925	2,875	3,325	2,525	2,425	3,050	2,850	3,100	2,950
Shipments.....do.....	2,700	2,975	2,600	3,575	2,950	2,975	1,950	1,200	3,075	2,675	2,725	3,875
Stocks, end of month.....do.....	2,425	2,775	3,050	2,375	2,375	2,600	3,125	4,350	4,250	4,300	4,650	3,200
Oak:												
Orders, new.....do.....	15,426	11,566	10,047	12,595	14,608	23,506	18,343	12,201	15,632	17,329	15,971	16,817
Orders, unfilled, end of month.....do.....	31,188	37,578	33,494	30,858	33,992	38,797	39,097	37,962	42,120	37,694	35,529	34,280
Production.....do.....	17,239	15,688	14,034	15,500	15,049	19,197	18,970	16,004	18,523	17,453	18,958	18,757
Shipments.....do.....	17,639	15,477	14,129	15,231	15,130	18,494	17,364	13,336	11,474	22,892	18,136	20,996
Stocks, end of month.....do.....	5,162	2,475	2,380	2,463	2,804	3,507	5,113	7,781	14,830	9,391	9,661	7,425
<b>SOFTWOODS</b>												
Douglas fir:												
Exports, total sawmill products \$.....M bd. ft.....	7,687	14,565	14,278	18,807	21,545	11,313	26,038	41,528	31,375	42,207	40,197	30,895
Sawed timber \$.....do.....	1,175	4,968	5,775	5,829	1,254	554	1,127	3,820	8,242	13,225	17,076	15,996
Boards, planks, scantlings, etc. \$.....do.....	6,512	9,597	8,503	12,978	20,291	10,759	24,911	37,708	23,133	28,982	23,121	14,899
Prices, wholesale:												
Dimension, No. 1, common, 2 x 4-16.....dol. per M bd. ft.....	41.528	34.790	34.790	34.790	34.790	34.790	34.790	34.790	34.790	34.790	37.362	38.220
Flooring, B and better, F. G., 1 x 4, R. L.....do.....	58.310	44.100	44.100	44.100	44.100	44.100	44.100	44.100	44.100	44.100	51.450	53.900
Southern pine:												
Exports, total sawmill products \$.....M bd. ft.....	3,912	7,326	6,950	7,684	6,355	7,202	5,798	9,676	9,093	13,816	11,973	11,178
Sawed timber \$.....do.....	344	649	745	1,391	1,241	1,853	1,904	2,268	3,228	5,743	3,506	4,534
Boards, planks, scantlings, etc. \$.....do.....	3,568	6,677	6,205	6,293	5,114	5,349	3,894	6,808	5,865	8,073	8,467	6,644
Orders, new.....mil. bd. ft.....	565	633	613	532	577	607	550	472	626	555	664	655
Orders, unfilled, end of month.....do.....	701	850	808	695	676	653	650	646	696	698	738	746
Prices, wholesale, composite:												
Boards, No. 2 common, 1 1/2 x 6'' or 8'' x 12''.....dol. per M bd. ft.....	46.029	41.144	41.428	42.018	42.018	42.018	42.018	42.782	42.837	43.465	46.029	46.029
Flooring, B and better, F. G., 1 1/2 x 4'' x 12-14''.....dol. per M bd. ft.....	65.091	56.371	56.371	56.371	56.371	56.494	56.494	59.811	60.056	61.131	65.091	65.091
Production.....mil. bd. ft.....	631	682	614	660	555	629	600	472	512	554	629	673
Shipments.....do.....	610	659	655	645	596	630	553	476	576	553	624	667
Stocks, end of month.....do.....	1,081	1,154	1,113	1,128	1,087	1,086	1,133	1,129	1,065	1,066	1,071	1,082
Western pine:												
Orders, new.....do.....	543	548	514	412	422	276	307	240	293	299	480	515
Orders, unfilled, end of month.....do.....	298	421	440	351	360	305	302	294	298	299	417	280
Price, wholesale, Ponderosa, boards, No. 3 common, 1 1/2 x 8''.....dol. per M bd. ft.....	40.07	34.84	34.75	34.88	35.30	35.78	36.46	36.07	35.99	36.16	35.77	40.65
Production.....mil. bd. ft.....	651	600	570	548	418	341	279	206	206	234	296	457
Shipments.....do.....	581	542	510	517	412	332	310	248	290	297	373	461
Stocks, end of month.....do.....	835	877	935	965	971	980	949	824	761	684	710	765
West coast woods:												
Orders, new.....do.....	476	597	431	557	414	288	261	377	455	423	527	543
Orders, unfilled, end of month.....do.....	559	951	964	685	672	694	723	738	703	683	636	601
Production.....do.....	517	588	392	509	406	261	233	368	450	449	532	527
Shipments.....do.....	511	578	394	531	413	253	217	357	460	441	556	526
Stocks, end of month.....do.....	379	393	409	375	378	370	385	400	392	398	375	368

\* Revised. † Only the total has been revised; revisions are not yet available for the detail.  
 ‡ Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later.  
 § See note for boots and shoes at the bottom of p. 8-23 of the July 1945 Survey regarding changes in several classifications and note marked "†" on p. 28 of that issue regarding other revisions; data beginning January 1945, except the detail for January 1946, have been revised to include late reports; 1945 revisions not shown above and also revisions for January-May 1943 and 1945 and January-April 1944, which have not been published and will be shown later.  
 ¶ Revised series. The following lumber series have been recently revised to adjust the monthly figures to 1944 totals for production compiled by the Bureau of the Census: Data beginning January 1944 for production, shipments, and stocks for total lumber, total hardwoods, and total softwoods and production shipments, and new orders for Southern pine and western pine and 1944 data for production, shipments, and stocks of West Coast woods (1945 data for West Coast woods are subject to further revisions). Earlier lumber data were previously adjusted to 1941-43 Census data and revisions have been published only in part (see note in April 1946 Survey). All unpublished revisions through February 1945 will be shown later. The Southern pine price series are shown on a revised basis beginning in the February 1946 Survey; each represents a composite of 9 individual series; the specifications given above apply to data collected beginning February 1945; earlier data were computed by linking slightly different series to the current data.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945							1946				
	June	June	July	August	September	October	November	December	January	February	March	April	May	
<b>LUMBER AND MANUFACTURES—Continued</b>														
<b>SOFTWOODS—Continued</b>														
Redwood, California: †														
Orders, new..... M bd. ft.	3,701	36,653	38,071	30,966	30,599	30,892	31,709	20,572	20,248	8,179	4,370	3,930	4,160	
Orders, unfiled, end of month..... do	97,706	100,842	107,552	79,025	80,235	81,407	85,572	81,947	91,979	98,314	100,288	98,911	97,769	
Production..... do	4,033	35,108	30,695	34,645	32,773	34,012	33,442	26,724	9,858	795	1,286	2,890	3,912	
Shipments..... do	3,765	34,436	30,843	35,864	29,581	32,508	28,015	21,495	11,207	1,854	2,267	2,698	4,275	
Stocks, end of month..... do	73,735	60,145	58,321	55,495	56,569	55,459	60,335	76,006	75,231	74,165	73,298	73,543	73,520	
<b>SOFTWOOD PLYWOOD</b>														
Softwood plywood:*														
Production..... thous. of sq. ft., %" equivalent..	121,049	121,283	85,579	113,633	89,656	67,462	58,237	75,462	107,347	98,096	109,200	120,152	128,489	
Shipments..... do	125,249	124,795	81,966	112,050	91,547	66,342	57,862	75,904	104,144	98,619	105,990	120,176	129,926	
Stocks, end of month..... do	24,560	25,907	28,055	29,612	27,942	29,235	29,292	27,807	30,637	29,896	32,983	29,753	28,016	
<b>FURNITURE</b>														
All districts, plant operations..... percent of normal..	62	51	47	51	52	55	56	56	59	62	64	63	63	
Grand Rapids district:														
Orders:														
Cancelled..... percent of new orders..	2	3	4	3	3	5	7	2	1	1	1	9	1	
New..... no. of days' production..	40	16	9	12	16	21	30	17	31	36	38	52	53	
Unfiled, end of month..... do	147	74	70	70	67	64	64	68	84	108	115	128	146	
Plant operations..... percent of normal..	69	46	45	49	51	60	60	61	64	69	70	71	70	
Shipments..... no. of days' production..	37	17	13	13	17	20	18	15	22	31	37	38	41	

**METALS AND MANUFACTURES**

<b>IRON AND STEEL</b>													
Foreign trade: §													
Iron and steel products:													
Exports (domestic), total..... short tons	403,912	470,987	407,225	344,697	327,805	487,240	451,046	557,360	327,590	349,317	476,221	488,300	
Scrap..... do	10,266	11,502	8,448	9,397	5,480	6,397	8,568	4,768	9,322	10,662	16,762	18,160	
Imports, total..... do	148,460	156,408	119,915	102,163	123,435	104,116	92,638	78,584	85,795	212,138	157,753	111,694	
Scrap..... do	6,828	4,383	2,717	2,531	8,065	4,770	1,607	1,208	3,459	9,584	3,032	4,389	
<b>Iron and Steel Scrap</b>													
Consumption, total*..... thous. of short tons	4,944	4,686	3,989	3,995	4,331	4,378	4,129	2,458	4,415	4,504	-----	-----	
Home scrap*..... do	2,704	2,608	2,169	2,228	2,283	2,346	2,233	2,326	2,415	2,351	-----	-----	
Purchased scrap*..... do	2,240	2,078	1,820	1,767	2,048	2,032	1,896	2,212	2,000	2,173	-----	-----	
Stocks, consumers', end of month, total*..... do	4,120	4,044	4,225	4,144	3,950	3,943	3,742	(e)	4,491	4,614	4,405	-----	
Home scrap*..... do	1,812	1,278	1,354	1,319	1,204	1,239	1,215	(e)	1,376	1,346	1,296	-----	
Purchased scrap*..... do	2,808	2,766	2,871	2,825	2,740	2,704	2,527	(e)	3,115	3,168	3,109	-----	
<b>Ore</b>													
Iron ore:													
Lake Superior district:													
Consumption by furnaces..... thous. of long tons	4,995	6,397	6,532	5,658	5,837	4,491	5,612	6,099	3,719	1,748	6,021	4,769	2,990
Shipments from upper lake ports..... do	8,634	10,821	11,372	10,732	10,543	9,827	4,145	71	0	0	730	3,616	
Stocks, end of month, total..... do	26,265	24,847	29,485	34,781	39,540	45,090	44,706	39,059	35,342	33,647	27,601	23,079	23,905
At furnaces..... do	23,247	22,419	26,677	31,533	35,684	40,537	39,891	34,660	31,215	29,606	24,100	20,060	21,075
On Lake Erie docks..... do	3,018	2,429	2,808	3,248	3,856	4,553	4,815	4,399	4,127	4,041	3,501	3,019	2,830
Imports §..... do	103	125	187	118	199	116	109	78	75	81	112	237	
Manganese ore, imports (manganese content) §..... do	46	69	51	56	51	46	51	33	24	60	56	45	
<b>Pig Iron and Iron Manufactures</b>													
Castings, gray iron: †													
Shipments, total..... short tons	735,060	849,449	748,790	750,050	717,768	767,209	751,092	678,091	706,319	541,177	796,068	856,678	757,041
For sale..... do	435,866	543,788	468,017	462,364	434,416	461,720	445,952	397,529	446,567	368,384	505,431	529,323	454,194
Unfiled orders for sale..... do	2,633,118	2,015,625	2,015,005	1,817,801	1,754,515	1,741,981	1,847,468	1,877,095	2,076,994	2,152,766	2,265,336	2,378,348	2,491,811
Castings, malleable: †													
Orders, new, for sale..... do	43,429	4,249	34,246	18,642	16,275	47,020	33,698	44,507	47,411	31,104	49,561	48,126	38,985
Orders, unfiled for sale..... do	287,026	285,210	284,017	232,136	219,905	229,618	227,309	236,648	245,878	247,644	263,227	276,055	279,065
Shipments, total..... do	61,650	71,992	55,813	52,647	46,960	59,096	57,315	51,963	54,191	40,156	50,235	65,010	62,598
For sale..... do	35,468	47,510	35,439	33,239	28,506	37,307	36,007	35,168	38,181	29,338	33,978	36,298	34,795
Pig iron:													
Consumption*..... thous. of short tons	4,505	4,594	3,969	4,062	3,525	4,080	4,000	2,364	4,374	3,739	-----	-----	
Prices, wholesale:													
Basic (valley furnace)..... dol. per long ton..	26.00	24.50	24.50	24.50	24.50	24.80	25.25	25.25	25.25	25.25	25.63	26.00	26.00
Composite..... do	26.67	25.17	25.17	25.17	25.17	25.40	25.92	25.92	25.92	25.92	26.32	26.67	26.67
Foundry, No. 2, f. o. b. Neville Island*..... do	26.50	25.00	25.00	25.00	25.00	25.19	25.75	25.75	25.75	25.75	26.20	26.50	26.50
Production*..... thous. of short tons	3,682	4,605	4,801	4,249	4,227	3,388	4,026	4,323	2,645	1,148	4,424	3,614	2,275
Stocks (consumers' and suppliers'), end of month*..... thous. of short tons	1,315	1,346	1,527	1,527	1,247	1,124	1,192	(e)	1,257	1,239	1,046	-----	
<b>Steel, Crude and Semimanufactured</b>													
Steel castings: †													
Shipments total..... short tons	123,551	173,685	139,315	131,411	114,613	130,344	123,048	115,239	99,058	57,423	101,396	146,327	129,211
For sale, total..... do	91,715	129,193	102,428	98,080	83,751	99,495	91,409	85,391	77,071	45,151	80,843	108,586	94,630
Railway specialties..... do	25,604	27,173	25,778	27,652	26,071	29,391	28,160	25,939	22,645	8,879	21,905	33,598	28,547

\* Revised. † Cancellations exceeded new orders by the amount shown above. ‡ Total for January and February. § Data not available.  
 † All but 2 of the reporting mills have been closed by strikes since the middle of January.  
 § 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-February 1945 will be published later.  
 \* Since June 1944 the coverage of the malleable iron castings industry has been virtually complete (see note in April 1946 Survey regarding earlier data); total shipments include shipments for sale and for use by own company, an affiliate, subsidiary or parent company. New orders for sale has been substituted for total new orders which has been discontinued; data beginning November 1944 for unfiled orders and beginning 1936 for new orders and shipments for sale will be published later.  
 \* New series. Data beginning September 1941 for softwood plywood are shown on p. 16 of the September 1944 Survey. For a description of the series on scrap iron and steel and pig iron consumption and stocks and 1939-40 data, see note marked "\*" on p. S-29 of the November 1942 Survey; later data are available on p. S-30 of the April 1942 and subsequent issues. The series on pig iron production is approximately comparable with data in the 1942 Supplement (data in the Supplement are in short tons instead of long tons as indicated); see p. S-30 of the May 1943 Survey for further information on this series and data for 1941-42. The pig iron price series replaces the Pittsburgh price, delivered, shown in the Survey prior to the April 1943 issue. Data for gray iron castings represent industry totals beginning in the June 1946 Survey; see note in that issue.  
 † Revised series. Data for steel castings are estimated industry totals; see note marked "†" on p. S-32 of the July 1946 Survey for a further description of the data and comparable figures for January-April 1945.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	June	July	August	Sep-tember	Octo-ber	Novem-ber	Decem-ber	January	Febru-ary	March	April	May

METALS AND MANUFACTURES—Continued

IRON AND STEEL—Continued													
Steel, Crude and Semimanufactured—Continued													
Steel ingots and steel for castings:													
Production.....thous. of short tons..	5,660	6,842	6,987	5,736	5,983	5,598	6,201	6,059	3,872	1,393	6,507	5,860	4,072
Percent of capacity <sup>†</sup> .....	75	87	86	71	76	69	79	75	50	20	83	78	52
Prices, wholesale:													
Composite, finished steel.....dol. per lb.	.0303	.0275	.0275	.0275	.0275	.0275	.0275	.0275	.0275	.0288	.0301	.0301	.0301
Steel billets, rerolling (Pittsburgh).....dol. per long ton.	39.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	37.50	39.00	39.00	39.00
Structural steel (Pittsburgh).....dol. per lb.	.0235	.0210	.0210	.0210	.0210	.0210	.0210	.0210	.0210	.0223	.0235	.0235	.0235
Steel scrap (Chicago).....dol. per long ton.	18.75	18.75	18.75	18.75	18.75	18.75	18.75	18.75	18.75	18.75	18.75	18.75	18.75
Steel, Manufactured Products													
Barrels and drums, steel, heavy types:⊗													
Orders, unfilled, end of month.....thousands..	9,763	8,985	8,646	4,132	3,758	4,012	4,645	5,353	5,465	5,989	6,733	7,886	8,632
Production.....do.	1,786	2,028	1,851	1,903	1,551	1,694	1,823	1,810	1,695	839	1,428	1,999	1,861
Shipments.....do.	1,782	2,036	1,851	1,902	1,557	1,693	1,825	1,821	1,765	839	1,424	1,988	1,875
Stocks, end of month.....do.	28	43	43	44	38	40	38	27	19	20	24	38	24
Boilers, steel, new orders:‡													
Area.....thous. of sq. ft.	1,797	1,619	1,626	1,432	1,570	1,356	1,295	1,597	1,606	1,645	1,948	1,993	1,725
Quantity.....number.	1,895	1,945	1,075	1,193	1,371	1,298	1,222	1,259	1,381	1,154	1,531	2,049	1,920
Porcelain enameled products, shipments <sup>†</sup> thous. of dol.	5,706	3,196	2,893	3,381	3,303	4,049	4,013	3,355	5,070	4,496	4,788	6,151	5,779
Spring washers, shipments.....do.	399	500	397	375	316	356	374	325	382	317	355	407	384
Steel products, net shipments:⊙													
Total.....thous. of short tons.	4,922	4,697	4,124	3,957	4,267	4,367	4,298	4,379	4,214	4,336	4,336	4,336	3,667
Merchant bars.....do.	481	463	398	434	447	450	435	453	454	454	439	439	348
Pipe and tube.....do.	531	519	436	429	426	454	417	401	418	418	457	385	385
Plates.....do.	572	518	437	389	375	367	387	341	371	361	263	263	263
Rails.....do.	181	202	186	220	203	204	204	149	177	166	109	109	109
Sheets.....do.	907	872	841	838	979	993	931	1,044	924	973	966	966	966
Strip—Cold rolled.....do.	111	101	94	84	104	108	104	137	106	118	121	121	121
Hot rolled.....do.	120	113	100	92	114	120	111	138	117	100	100	100	100
Structural shapes, heavy.....do.	297	309	287	272	333	324	331	278	327	340	201	201	201
Tin plate and terneplate.....do.	287	269	245	213	211	209	210	267	249	265	241	241	241
Wire and wire products.....do.	350	314	314	365	343	350	338	356	327	351	323	323	323
NONFERROUS METALS AND PRODUCTS													
Aluminum:													
Imports, bauxite †.....long tons.	104,515	77,566	106,260	42,444	54,947	40,967	38,213	66,794	38,322	52,329	55,598	75,844	75,844
Price, wholesale, scrap castings (N. Y.).....dol. per lb.	.0375	.0375	.0375	.0375	.0375	.0375	.0375	.0375	.0375	.0385	.0475	.0475	.0475
Aluminum fabricated products, shipments* mil. of lb.	194.5	172.3	106.5	60.9	87.9	65.2	66.5	80.8	63.8	99.4	109.3	110.7	110.7
Bearing metal (white-base antifriction), consumption and shipments, total.....thous. of lb.	4,998	4,404	5,445	3,968	4,760	4,975	4,435	5,544	4,541	6,251	(?)	(?)	(?)
Consumed in own plants.....do.	1,308	1,187	1,293	1,101	1,073	1,335	1,170	1,493	1,046	1,333	(?)	(?)	(?)
Shipments.....do.	3,686	3,218	4,152	2,868	3,687	3,640	3,265	4,051	3,495	4,918	(?)	(?)	(?)
Brass sheets, wholesale price, mill.....dol. per lb.	.237	.195	.195	.195	.195	.195	.195	.195	.195	.195	.208	.221	.221
Copper:													
Exports, refined and manufactures †.....short tons.	10,320	10,259	6,338	6,219	9,511	10,908	7,301	12,427	10,966	7,336	6,267	4,225	4,225
Imports, total †.....do.	72,470	114,562	64,710	70,423	82,366	50,860	56,469	60,026	13,560	8,194	25,164	31,183	31,183
For smelting, refining, and export †.....do.	1,906	1,774	4,309	4,588	5,392	2,407	2,282	15,657	1,760	3,481	1,104	762	762
For domestic consumption, total †.....do.	70,564	112,788	60,401	65,835	76,974	48,452	54,217	44,369	11,800	4,712	24,060	30,431	30,431
Unrefined, including scrap †.....do.	21,626	59,469	31,118	27,909	22,982	11,869	12,480	20,368	5,782	814	3,701	1,276	1,276
Refined †.....do.	48,938	53,319	29,283	37,925	53,993	36,584	41,737	24,001	6,020	3,868	20,358	29,155	29,155
Price, wholesale, electrolytic (N. Y.).....dol. per lb.	1.406	.1178	.1178	.1178	.1178	.1178	.1178	.1178	.1178	.1178	.1178	.1178	.1178
Production:⊙													
Mine or smelter (incl. custom intake).....short tons.	32,771	72,271	72,855	68,253	64,091	69,322	65,586	62,641	58,178	41,667	41,852	29,280	31,897
Refinery.....do.	23,870	74,377	72,995	69,127	45,145	70,365	70,218	66,062	69,608	49,923	20,159	18,989	20,551
Deliveries, refined, domestic⊙.....do.	95,267	94,031	88,661	86,840	83,478	104,104	119,973	103,464	115,601	86,890	58,590	75,756	93,647
Stocks, refined, end of month⊙.....do.	79,145	70,738	76,166	80,316	68,675	73,913	74,425	76,512	72,799	74,339	70,249	65,448	75,745
Lead:													
Imports, total, ex-mfrs. (lead content) †.....do.	31,861	37,698	28,644	40,754	27,164	22,942	25,199	17,669	12,291	7,506	6,526	4,981	4,981
Ore, domestic, receipts (lead content)⊙.....do.	31,803	31,616	31,668	26,945	32,978	32,812	31,580	31,550					
Refined:†													
Price, wholesale, pig, desilverized (N. Y.).....dol. per lb.	.0818	.0650	.0650	.0650	.0650	.0650	.0650	.0650	.0650	.0650	.0650	.0650	.0650
Production, total⊙.....short tons.	18,584	38,626	40,300	32,691	35,923	47,462	47,824	45,399	51,054	41,643	23,336	23,766	19,530
From domestic ore⊙.....do.	17,450	34,513	33,232	27,552	34,690	42,005	39,991	38,298	49,795	40,070	24,179	22,726	18,393
Shipments⊙.....do.	25,173	39,658	36,697	33,517	39,701	44,347	44,766	44,304	44,806	48,257	28,702	23,941	21,720
Stocks, end of month⊙.....do.	32,969	37,452	41,145	40,310	36,514	39,629	42,671	43,746	51,929	45,312	41,939	41,758	39,563
Tin:													
Imports: †													
Ore (tin content).....long tons.	3,340	4,000	673	3,917	5,277	3,763	811	1,151	7,540	5,074	4,483	1,067	1,067
Bars, blocks, pigs, etc.....do.	1,600	1,450	1,000	0	0	94	0	22	0	0	213	1,977	1,977
Price, wholesale, Straits (N. Y.).....dol. per lb.	.5200	.5200	.5200	.5200	.5200	.5200	.5200	.5200	.5200	.5200	.5200	.5200	.5200
Zinc:													
Imports, total (zinc content) †.....short tons.	36,229	50,237	42,000	46,908	21,052	39,481	31,522	31,826	27,662	44,766	33,878	32,419	32,419
For smelting, refining, and export †.....do.	161	0	560	621	883	1,881	735	1,111	312	2,993	3,102	779	779
For domestic consumption: †													
Ore (zinc content).....do.	30,086	42,446	26,757	38,055	12,005	28,365	20,450	13,069	14,300	29,031	18,291	21,943	21,943
Blocks, pigs, etc.....do.	5,982	7,791	14,683	8,232	8,164	9,235	10,337	17,646	13,050	12,742	12,485	9,697	9,697
Price, wholesale, prime, Western (St. Louis).....dol. per lb.	.0825	.0825	.0825	.0825	.0825	.0825	.0825	.0825	.0825	.0825	.0825	.0825	.0825
Production⊙.....short tons.	58,812	66,607	65,830	64,753	61,600	65,614	64,337	66,162	65,901	61,274	71,612	60,903	62,416
Shipments⊙.....do.	60,517	54,477	51,909	48,255	41,881	53,224	54,449	62,324	58,635	54,856	83,693	73,191	69,489
Domestic⊙.....do.	51,126	54,023	51,803	48,084	41,410	52,052	51,326	56,180	47,169	41,349	60,159	60,809	60,380
Stocks, end of month⊙.....do.	239,928	183,137	197,058	213,556	233,275	245,665	255,553	259,391	266,657	273,075	260,994	248,706	241,633

\* Revised. † Total for January and February. ‡ Discontinued by reporting source. ⊙ Beginning 1943 data have covered the entire industry.  
 § For 1946 percent of capacity is calculated on annual capacity as of Jan. 1, 1946, of 91,890,540 tons of open-hearth, Bessemer, and electric steel ingots and steel for castings; 1945 data are based on capacity as of Jan. 1, 1945 (95,501,580 tons).  
 † Based on information recently available it is estimated that data beginning 1945 represent substantially the entire industry; in prewar years the coverage was about 90 percent.  
 ⊙ See March 1944 Survey for comparable data for 1942; the series now covers 67 manufacturers (two formerly reporting discontinued production of bearing metal).  
 ⊙ Total shipments less shipments to members of the industry for further conversion; data prior to 1944 were net production for sale.  
 † Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later.  
 ⊙ For data for January 1942-April 1944 for the indicated copper, lead and zinc series, see p. 24 of the June 1944 Survey.  
 ⊙ New series. Data for aluminum fabricated products cover total shipments of castings, forgings, sheet, strip, plate, rods, bars, and other wrought products, exclusive of products shipped to other manufacturers for further fabrication into other wrought products; data were compiled by the War Production Board through September 1945 and by the Bureau of the Census thereafter. Data have been revised beginning January 1945 to include estimated industry totals for castings based on monthly reports from the larger foundries and annual reports for 1945 from the smaller ones. Data for castings included in the totals prior to 1945 are estimated to cover about 98 percent of the industry but the small amount omitted affected the combined total for castings and wrought products only slightly since the former represented only about one-fifth of the total. The coverage of wrought products is virtually complete; weights for some wrought products were gathered at a different stage of manufacture beginning October 1945, but it is believed that the comparability of the totals is not seriously affected. For revised figures for early months of 1945, see p. S-33 of the June 1946 issue.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1944				
	June	July	August	September	October	November	December	January	February	March	April	May	
<b>METALS AND MANUFACTURES—Continued</b>													
<b>MACHINERY AND APPARATUS</b>													
Electric overhead cranes:‡													
Orders, new.....thous. of dol.	1,456	1,331	1,133	1,898	1,795	2,033	1,709	1,366	1,607	1,386	1,422	1,049	
Orders, unfilled, end of month.....do.	15,132	5,032	5,622	7,016	8,274	9,597	10,690	11,365	12,185	12,772	13,396	13,546	
Shipments.....do.	994	746	549	411	461	709	675	640	757	786	781	850	
Foundry equipment:													
New orders, net total.....1937-39=100	491.7	375.4	411.7	532.2	577.2	457.8	416.6	547.6	392.8	432.8	536.6	701.2	
New equipment.....do.	492.8	306.7	386.9	539.1	617.2	456.8	419.4	600.8	391.1	458.7	576.7	779.8	
Repairs.....do.	488.2	618.2	499.2	508.4	436.9	461.6	406.8	360.8	391.7	342.6	351.8	427.7	
Heating and ventilating equipment:													
Blowers and fans, new orders.....thous. of dol.	14,151				10,338				12,262				
Oil burners:§													
Orders, new, net.....number	24,903	24,201	81,766	80,100	50,895	58,075	32,150	82,489	138,828	78,941	127,285	159,375	
Orders, unfilled, end of month.....do.	71,535	84,575	151,822	211,799	235,073	266,976	277,211	330,206	442,220	498,600	590,942	717,642	
Shipments.....do.	12,658	11,161	14,519	20,123	27,621	26,172	21,915	29,494	26,814	30,681	34,943	32,675	
Stocks, end of month.....do.	6,286	5,990	6,670	6,422	5,435	5,279	6,166	6,531	6,256	4,691	5,785	6,130	
Mechanical stokers, sales:¶													
Classes 1, 2, and 3.....do.	13,389	8,512	8,531	10,575	14,352	19,493	21,434	13,746	14,007	14,238	16,038	14,399	
Classes 4 and 5:.....do.													
Number.....do.	309	327	425	446	428	465	400	331	246	248	275	345	
Horsepower.....do.	75,274	67,827	105,311	83,491	90,088	94,777	76,520	63,380	59,382	69,070	73,717	88,485	
Unit heater group, new orders*.....thous. of dol.	4,199				5,581			8,526					
Warm-air furnaces (forced air and gravity flow), shipments*.....number	32,764	27,540	33,410	34,871	40,165	41,465	33,253	37,789	39,664	47,100	43,186	43,186	
Machine tools, shipments*.....thous. of dol.	28,580	41,040	32,504	32,500	27,300	31,200	26,084	23,276	30,263	26,949	27,326	28,108	
Pumps and water systems, domestic, shipments:⊕													
Fitcher, other hand, and windmill pumps.....units	27,741	24,570	25,566	25,088	22,995	25,470	24,050	23,600	27,563	24,093	27,231	28,157	
Water systems, including pumps.....do.	45,349	33,840	31,364	32,259	32,400	38,927	36,529	33,718	46,094	37,528	44,870	44,887	
Pumps, steam, power, centrifugal, and rotary:													
Orders, new.....thous. of dol.	2,648	3,220	3,871	2,258	2,171	2,975	2,482	1,925	2,836	2,728	2,489	2,803	
<b>ELECTRICAL EQUIPMENT</b>													
Battery shipments (automotive replacement only), number.....thousands	1,377	1,325	1,213	1,567	1,675	1,926	1,834	1,685	1,768	1,706	1,686	1,672	
Electrical products:†													
Insulating materials, sales billed.....1936=100	371	294	252	164	206	202	227	217	187	224	224	224	
Motors and generators, new orders.....do.	243	235	214	256	323	254	345	213	222	429	429	429	
Furnaces, electric, industrial, sales:													
Unit.....kilowatts	8,431	9,952	4,192	7,092	8,104	5,856	7,626	6,343	6,589	5,786	6,105	6,105	
Value.....thous. of dol.	783	889	386	701	690	624	613	6,570	6,114	6,04	5,27	5,27	
Laminated fiber products, shipments.....do.	2,878	5,329	4,301	3,336	2,005	2,659	2,556	3,144	2,694	2,216	2,759	2,738	
Motors (1-200 hp):													
Polyphase induction, billings.....do.	6,304	5,320	5,224	4,462	5,417	5,633	6,143	3,865	3,243	5,924	4,726	5,281	
Polyphase induction, new orders.....do.	6,737	5,992	6,012	6,624	10,691	7,260	10,813	5,818	6,530	12,767	10,222	10,809	
Direct current, billings.....do.	4,866	3,710	3,621	1,695	1,678	1,720	1,358	565	456	868	600	847	
Direct current, new orders.....do.	2,699	2,801	1,315	2,663	1,335	1,352	2,067	779	894	1,840	1,414	1,844	
Rigid steel conduit and fittings, shipments† short tons	16,129	10,882	8,362	8,624	8,826	11,383	12,732	12,900	14,109	10,887	6,590	12,940	
Vulcanized fiber:													
Consumption of fiber paper.....thous. of lb.	3,247	3,120	3,372	3,017	2,490	3,152	4,093	4,359	4,222	4,474	3,389	3,214	
Shipments.....thous. of dol.	824	1,321	1,029	1,067	746	825	875	921	1,265	1,104	1,211	1,138	

## PAPER AND PRINTING

<b>PULPWOOD AND WASTE PAPER</b>												
Pulpwood:*												
Consumption.....thous. of cords (128 cu. ft.)	1,516	1,471	1,349	1,390	1,339	1,465	1,401	1,314	1,294	1,286	1,511	1,512
Receipts, total.....do.	1,608	1,593	1,580	1,685	1,502	1,535	1,225	1,070	1,354	1,511	1,716	1,433
Stocks, end of month.....do.	2,945	2,420	2,627	2,887		3,017	2,877	2,627	2,687	2,913	3,117	3,038
Waste paper:*												
Consumption.....short tons	586,569	597,137	520,824	552,888	540,190	602,143	568,048	500,546	590,097	555,229	616,542	606,662
Receipts.....do.	617,291	589,702	534,585	543,008	533,384	620,472	566,858	496,036	589,511	545,602	637,199	653,188
Stocks.....do.	428,268	324,211	330,473	323,799	314,644	330,579	330,919	326,689	326,238	316,488	337,518	382,992
<b>WOOD PULP</b>												
Exports, all grades, total.....short tons	18,720	24,339	6,379	1,399	3,711	3,461	1,095	2,906	1,058	3,198	1,359	5,092
Imports, all grades, total.....do.	86,089	127,603	177,360	166,839	257,561	230,024	271,856	232,963	142,069	109,769	118,276	123,985
Bleached sulphate †.....do.	3,629	3,758	4,117	8,112	18,455	6,846	7,817	5,780	5,213	5,322	4,783	3,996
Unbleached sulphate †.....do.	7,071	29,580	39,117	45,352	62,600	55,922	100,745	88,447	31,741	11,435	10,505	20,352
Bleached sulphite †.....do.	26,423	30,340	38,745	27,980	56,880	33,609	36,779	37,299	38,672	36,194	42,638	39,406
Unbleached sulphite †.....do.	31,679	46,843	73,754	66,685	92,659	99,529	99,480	78,483	45,242	37,715	36,085	37,158
Soda †.....do.	1,740	1,595	1,707	1,719	2,012	2,170	1,740	1,943	1,699	1,990	1,717	1,879
Groundwood †.....do.	15,547	15,487	19,920	16,991	24,955	26,948	25,295	21,011	19,602	17,113	22,548	21,914

\* Revised.

† Revisions in unfilled orders for April-July 1942 are available on request; data cover 9 companies since September 1944; earlier data back to March 1943 covered 8 companies.

‡ Data are based on reports of 124 manufacturers accounting for practically the entire production of oil burners; in prewar years the reporting concerns accounted for around 90 percent of the industry.

§ Data cover almost the entire industry; in prewar years the reporting concerns represented over 95 percent of the total.

¶ Includes unit heaters, unit ventilators, and heat transfer coils; the designation has, therefore, been corrected from "unit heaters" to "unit heater group" to avoid misinterpretation.

⊕ It is believed that data shown currently and also earlier data for these products are substantially complete.

⊗ 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. The series on automotive replacement battery shipments are estimated industry totals compiled by Dun and Bradstreet; data beginning 1937 are available on request. For 1940-41 and early 1942 data on machine tool shipments, see p. S-30 of the November 1942 Survey; data beginning August 1945 are estimated industry totals compiled by the National Machine Tool Builders Association; earlier data were compiled by the War Production Board. The new series on shipments of warm-air furnaces is compiled by the Bureau of the Census from reports by manufacturers accounting for almost the entire production; data beginning January 1944 will be published later. Data through August 1945 for the pulpwood series and for receipts and stocks of waste paper were compiled by the War Production Board; data beginning October 1945 for all series and earlier data for waste paper consumption are compiled by the Bureau of the Census (waste paper consumption through September 1945 were compiled from reports to the War Production Board); September data for all series were estimated by that agency from partial reports to the War Production Board. Data cover all known producers of pulp, paper, and paper board; a small proportion of the data is estimated.

† Revised series. The index for motors and generators includes adjustments for cancellations reported through December 1945; data published for this index prior to the July 1946 Survey and for the index for insulating materials prior to the April 1945 Survey, have been revised (revised April 1945 figure for the index of sales of insulating materials, 378); all revisions are available on request. Data for rigid steel conduit and fittings have been revised to cover domestic sales only (some manufacturers formerly included export sales); revisions through April 1945 will be published later.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	June	July	August	September	October	November	December	January	February	March	April	May
<b>PAPER AND PRINTING—Continued</b>													
<b>WOOD PULP—Continued</b>													
Production:†													
Total, all grades..... short tons.....	826,083	749,053	780,971	738,619	828,316	799,579	706,722	727,224	720,239	855,139	849,772	848,623	
Bleached sulphate..... do.....	69,397	66,984	68,694	66,563	77,446	71,683	64,504	59,004	63,011	78,144	76,411	78,670	
Unbleached sulphate..... do.....	326,153	298,865	312,169	285,789	315,380	299,256	246,570	230,809	250,454	320,300	316,854	307,975	
Bleached sulphite..... do.....	131,380	112,927	124,205	117,855	136,793	132,878	119,761	136,813	127,991	140,669	141,876	149,729	
Unbleached sulphite..... do.....	70,994	66,256	65,355	64,130	67,011	66,105	59,806	64,513	58,989	64,546	62,347	65,518	
Soda..... do.....	38,451	33,270	35,538	35,147	39,218	38,408	35,925	39,553	35,886	41,320	41,612	38,486	
Groundwood..... do.....	143,184	127,646	132,678	127,578	146,124	147,473	143,283	155,756	143,333	163,110	164,589	161,044	
Stocks, end of month:†													
Total, all grades..... do.....	81,745	78,137	72,202	67,422	65,367	68,665	71,195	67,026	74,295	74,906	77,173	88,446	
Bleached sulphate..... do.....	4,749	4,238	4,534	4,010	6,009	5,471	3,999	3,855	6,970	5,203	6,265	7,558	
Unbleached sulphate..... do.....	7,135	7,166	10,309	8,829	7,542	8,984	8,894	7,340	6,556	7,119	7,624	8,055	
Bleached sulphite..... do.....	13,099	14,527	13,410	14,045	13,605	14,400	17,105	15,397	18,561	17,362	14,834	17,481	
Unbleached sulphite..... do.....	8,195	8,579	7,660	8,343	9,066	9,405	9,461	9,374	10,105	8,786	8,451	11,181	
Soda..... do.....	3,547	2,146	2,104	2,279	2,218	1,959	1,933	2,041	2,181	2,645	2,711	2,976	
Groundwood..... do.....	41,952	38,223	31,460	26,569	23,349	24,361	26,481	25,638	26,253	29,870	34,089	37,983	
<b>PAPER AND PAPER PRODUCTS</b>													
All paper and paperboard mills:*													
Paper and paperboard production, total..... short tons.....	1,476,679	1,350,681	1,454,218	1,409,470	1,570,975	1,503,923	1,369,516	1,508,061	1,428,745	1,638,097	1,628,857	1,620,157	
Paper..... do.....	702,025	645,786	711,451	690,643	783,339	760,310	709,444	782,844	720,336	819,320	813,674	820,510	
Paperboard..... do.....	774,654	704,895	742,767	718,827	787,636	743,613	660,072	726,117	708,409	818,777	815,183	799,647	
Building board..... do.....	96,072	94,117	101,763	91,716	98,048	89,293	87,831	96,874	94,495	106,443	108,287	106,515	
Paper, excl. building paper, newsprint, and paperboard (American Paper and Pulp Association):†													
Orders, new..... short tons.....	642,845	566,387	551,732	558,809	552,798	659,293	587,104	553,553	682,014	593,256	682,491	657,522	
Production..... do.....	632,538	566,214	520,970	580,980	639,950	619,717	580,487	644,266	591,121	681,001	666,108	668,316	
Shipments..... do.....	637,856	569,281	513,142	580,713	628,677	616,249	563,008	653,559	592,627	682,398	665,605	669,043	
Fine paper:													
Orders, new..... do.....	96,560	92,031	76,291	71,972	71,047	82,405	83,498	79,761	101,382	83,681	104,902	107,677	
Orders, unfilled, end of month..... do.....	165,930	180,092	176,477	158,803	145,125	135,498	140,438	129,598	135,896	136,513	149,408	161,287	
Production..... do.....	90,850	82,163	75,538	83,471	81,946	91,916	93,479	85,743	92,351	84,450	92,218	94,770	
Shipments..... do.....	90,698	84,842	74,893	82,418	79,946	86,111	93,017	79,314	94,431	85,596	96,129	91,840	
Stocks, end of month..... do.....	54,730	43,348	44,013	44,745	47,064	49,509	55,904	62,335	55,963	57,412	53,721	56,349	
Printing paper:													
Orders, new..... do.....	219,217	170,041	170,215	179,339	185,158	223,472	184,014	171,937	247,377	203,257	234,395	227,721	
Orders, unfilled, end of month..... do.....	254,874	156,175	169,262	176,948	193,236	212,356	196,654	179,989	247,788	250,553	261,171	255,855	
Production..... do.....	215,075	174,398	154,732	179,770	172,637	203,359	200,557	191,434	219,785	198,199	227,104	226,978	
Shipments..... do.....	219,150	176,610	152,125	178,478	174,604	202,857	198,476	187,420	221,406	198,897	223,972	228,219	
Stocks, end of month..... do.....	49,613	56,443	58,819	60,239	58,676	61,288	62,627	64,962	57,996	56,942	58,298	56,934	
Wrapping paper:													
Orders, new..... do.....	237,028	220,428	224,378	217,128	207,059	242,857	228,184	216,125	231,270	215,989	247,243	244,392	
Orders, unfilled, end of month..... do.....	185,716	217,174	242,766	227,045	219,338	209,772	213,983	207,920	192,175	190,398	205,926	199,825	
Production..... do.....	238,113	223,410	210,973	227,472	217,861	242,786	233,507	214,719	232,704	217,692	247,098	248,900	
Shipments..... do.....	239,008	222,677	207,255	228,503	216,830	240,026	232,984	209,993	238,186	217,859	244,054	247,587	
Stocks, end of month..... do.....	62,840	61,575	68,713	67,955	67,395	66,090	69,809	72,490	67,047	68,273	75,122	71,082	
Book paper, coated:													
Orders, new..... percent of stand. capacity.....	55.8	55.2	56.1	58.1	69.2	60.5	62.6	62.6	67.0	68.7	67.0	67.0	
Production..... do.....	53.7	50.3	55.6	58.1	68.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
Shipments..... do.....	55.4	52.7	56.2	57.1	66.9	66.7	67.0	67.0	67.0	67.0	67.0	67.0	
Book paper, uncoated:													
Orders, new..... do.....	81.9	81.2	77.0	89.5	100.0	89.2	92.9	92.9	92.9	92.9	92.9	92.9	
Price, wholesale, "B" grade, English finish, white, f. o. b. mill..... dol. per 100 lb.....	8.00	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.58	8.00	8.00	8.00	
Production..... percent of stand. capacity.....	82.4	77.2	80.4	83.5	93.8	97.2	96.4	96.4	96.4	96.4	96.4	96.4	
Shipments..... do.....	83.0	75.8	80.3	84.3	92.0	96.1	93.5	93.5	93.5	93.5	93.5	93.5	
Newsprint:													
Canada:													
Production..... short tons.....	334,207	266,417	270,640	287,028	269,963	310,975	299,158	276,931	328,414	308,382	334,127	337,862	
Shipments from mills..... do.....	322,805	258,348	282,065	304,114	277,018	308,090	298,005	262,765	316,320	285,304	320,351	348,103	
Stocks, at mills, end of month..... do.....	123,161	97,722	86,297	69,211	62,156	65,041	66,194	80,360	92,454	115,532	129,308	119,067	
United States:													
Consumption by publishers..... do.....	259,284	190,511	177,905	202,911	213,294	236,939	236,000	225,378	221,054	223,244	267,711	258,984	
Imports..... do.....	212,814	239,974	236,378	218,399	263,457	206,659	232,618	244,469	238,888	269,795	258,017	313,270	
Price, rolls (N. Y.)..... dol. per short ton.....	67.00	61.00	61.00	61.00	61.00	61.00	61.00	61.00	67.00	67.00	67.00	67.00	
Production..... short tons.....	61,241	60,828	57,081	56,518	66,722	62,267	62,602	61,563	67,819	60,564	65,304	67,064	
Shipments from mills..... do.....	61,671	56,492	58,311	58,201	59,802	60,101	62,185	62,551	66,102	59,015	67,658	67,698	
Stocks, end of month:													
At mills..... do.....	6,416	10,739	9,509	7,826	4,746	6,912	7,328	6,340	8,057	9,606	7,252	6,618	
At publishers..... do.....	209,784	245,518	263,277	275,338	258,752	254,834	246,227	222,266	221,957	216,241	198,122	201,776	
In transit to publishers..... do.....	52,155	40,459	46,865	47,399	55,215	46,882	47,556	44,078	55,206	60,277	55,341	56,332	
Paperboard (National Paperboard Association):‡													
Orders, new..... do.....	669,747	657,211	655,365	665,380	629,899	704,867	653,196	601,526	685,788	641,342	754,872	747,907	
Orders, unfilled, end of month..... do.....	558,129	499,505	507,768	494,699	492,880	511,022	472,568	462,446	516,776	533,794	549,929	553,274	
Production..... do.....	675,118	683,967	610,126	659,672	619,388	704,564	664,076	583,569	624,862	614,867	710,987	716,274	
Percent of capacity..... do.....	97	96	86	90	91	97	95	89	90	97	100	99	
Waste paper, consumption and stocks:§													
Consumption..... short tons.....	374,295	405,773	351,805	383,116	366,642	412,472	385,249	347,495	397,534	372,489	412,718	413,131	
Stocks at mills, end of month..... do.....	283,996	191,285	198,554	190,810	187,185	203,657	204,675	199,353	204,736	193,885	211,335	238,597	
Paper products:													
Shipping containers, corrugated and solid fiber, shipments*..... mil. sq. ft. surface area.....	4,728	4,124	3,751	4,141	4,147	4,774	4,421	4,047	4,800	4,345	4,923	4,078	
Folding paper boxes, value:*													
New orders..... 1936=100.....	362.7	250.8	235.2	240.4	243.6	273.4	302.7	274.5	347.7	324.8	397.0	389.5	
Shipments..... do.....	331.3	272.0	239.6	262.5	254.5	303.7	288.3	260.7	301.3	283.1	322.1	338.0	
<b>PRINTING</b>													
Book publication, total..... no. of editions.....	679	590	365	401	582	534	536	731	348	465	638	664	
New books..... do.....	556	502	315	312	483	443	477	609	281	368	483	539	
New editions..... do.....	123	88	50	89	99	91	59	122	67	97	125	129	

† Revised. ‡ See note in April 1946 Survey for basis of data. † For revisions for January 1942-March 1943, see note for paperboard at bottom of p. S-36 of July 1944 Survey. ‡ Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later. § Revised series. Revised woodpulp production for 1940-43 and sulphite stocks for all months of 1943 are shown on p. 20 of the December 1944 Survey and revised 1942 stock figures for all series are on pp. 30 and 31 of the June 1943 issue; there have been further revisions in the 1943 data for groundwood and total production shown in the December 1944 Survey and unpublished revisions in the 1944 production data for these two series; all revisions will be shown later. The data exclude defibrated, exploded and asplund fiber; stock data are stocks of own production at mills. The paper series from the American Paper and Pulp Association beginning in the August 1944 Survey are estimated industry totals and are not comparable with data shown in earlier issues; there have been further small revisions in the 1943-44 data as published prior to the June 1945 issue; these revisions and earlier data will be published later. \* New series. The new paper series are from the Bureau of the Census and cover production of all mills including producers of building paper and building boards; for 1942 monthly averages and data for the early months of 1943, see p. S-32 of the August 1944 issue. 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; earlier data will be published later. Minor revisions in the January-May 1944 figures for folding paper boxes and January 1943-May 1944 data for shipping containers are available on request.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1944				
	June	July	August	September	October	November	December	January	February	March	April	May	
<b>PETROLEUM AND COAL PRODUCTS</b>													
<b>COAL</b>													
Anthracite:													
Exports \$.....thous. of short tons.....	322	334	311	336	365	404	359	317	314	382	387	546	
Prices, composite, chestnut:													
Retail.....dol. per short ton.....	13.89	14.90	14.91	14.93	14.92	14.93	15.06	15.20	15.26	15.26	15.25	15.27	
Wholesale.....do.....	12.710	11.764	12.214	12.233	12.281	12.281	12.389	12.454	12.469	12.469	12.469	12.484	
Production.....thous. of short tons.....	3,635	5,667	4,944	4,656	4,640	5,304	4,559	3,998	4,785	5,492	5,094	5,469	
Stocks, producers' storage yards, end of mo.....do.....	63	180	174	198	203	140	132	130	157	192	214	176	
Bituminous:													
Exports \$.....do.....	2,902	2,929	2,838	3,681	2,898	3,471	2,208	2,813	3,130	3,633	1,744	732	
Industrial consumption and retail deliveries, total.....thous. of short tons.....	33,945	42,850	41,733	41,444	39,485	41,054	44,089	51,679	51,826	46,244	43,627	32,043	
Industrial, total.....do.....	29,481	35,046	34,553	33,553	31,547	32,124	34,596	38,446	36,542	31,281	35,382	28,118	
Beehive coke ovens.....do.....	531	869	852	707	464	511	571	612	631	570	719	38	
Byproduct coke ovens.....do.....	6,267	7,343	7,695	7,181	7,130	5,617	6,798	7,333	5,299	3,744	7,101	5,502	
Cement mills.....do.....	575	821	336	379	401	434	477	467	471	441	503	518	
Electric power utilities.....do.....	5,022	5,971	6,065	6,016	5,315	5,565	5,480	5,804	5,706	4,929	5,110	5,190	
Railways (class I).....do.....	8,274	10,066	10,061	9,727	9,254	9,692	9,870	11,005	10,976	9,827	10,391	8,246	
Steel and rolling mills.....do.....	582	762	747	693	673	798	811	921	552	683	815	749	
Other industrial.....do.....	8,230	9,590	8,679	8,850	8,310	9,706	10,589	12,304	12,907	11,087	10,743	7,875	
Retail deliveries.....do.....	4,464	7,804	7,180	7,891	7,938	8,930	9,493	13,233	15,284	14,963	8,245	3,925	
Other consumption:													
Vessels (bunker) \$.....do.....	176	187	175	168	145	129	103	98	88	111	122	93	
Coal mine fuel.....do.....	222	236	217	218	212	169	222	202	237	219	249	14	
Prices, composite:													
Retail (34 cities)†.....dol. per short ton.....	10.54	10.55	10.57	10.57	10.58	10.59	10.59	10.69	10.69	10.69	10.70	10.70	
Wholesale:													
Mine run.....do.....	5.787	5.388	5.393	5.430	5.433	5.433	5.436	5.443	5.447	5.454	5.454	5.454	
Prepared sizes.....do.....	6.028	5.655	5.670	5.698	5.708	5.708	5.708	5.709	5.709	5.709	5.709	5.715	
Production†.....thous. of short tons.....	50,700	50,987	47,217	47,658	46,938	39,192	50,772	46,798	54,075	49,975	56,540	3,356	
Stocks, industrial and retail dealers, end of month, total.....thous. of short tons.....	37,776	47,715	49,906	51,141	53,350	48,015	48,919	45,665	46,528	51,158	58,531	38,741	
Industrial, total.....do.....	35,212	43,152	45,024	45,966	48,025	43,734	44,689	42,450	44,049	48,047	55,386	36,398	
Byproduct coke ovens.....do.....	3,629	5,128	4,753	4,503	4,624	3,666	4,007	4,804	5,661	6,393	8,269	4,117	
Cement mills.....do.....	482	497	603	528	608	569	670	641	584	608	677	414	
Electric power utilities.....do.....	11,430	13,736	14,282	14,690	15,534	15,158	15,157	14,665	14,378	14,802	15,705	12,044	
Railways (class I).....do.....	7,297	9,872	10,222	10,387	10,880	10,072	10,056	8,965	9,393	11,070	13,235	7,554	
Steel and rolling mills.....do.....	624	703	656	680	746	548	602	593	626	705	1,005	607	
Other industrial.....do.....	11,750	13,011	14,416	15,178	15,633	13,741	13,617	12,759	13,397	14,469	16,495	11,662	
Retail dealers, total.....do.....	2,564	4,563	4,882	5,175	5,325	4,281	4,230	3,215	2,479	3,111	3,145	2,343	
<b>COKE</b>													
Exports \$.....thous. of short tons.....	160	133	137	142	118	156	168	160	219	162	70	29	
Price, beehive, Connellsville (furnace).....dol. per short ton.....	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	
Production:													
Beehive †.....thous. of short tons.....	341	561	551	456	298	198	368	394	405	366	462	24	
Byproduct †.....do.....	4,398	5,208	5,474	5,111	5,037	4,828	4,828	5,208	3,800	2,632	5,000	3,852	
Petroleum coke.....do.....	172	185	180	148	144	152	163	161	149	167	181	164	
Stocks, end of month:													
Byproduct plants, total.....do.....	615	872	926	1,102	1,177	963	1,002	927	970	1,161	1,016	620	
At furnace plants.....do.....	359	598	569	674	658	481	490	498	666	934	814	442	
At merchant plants.....do.....	256	275	357	428	518	482	512	429	305	227	203	178	
Petroleum coke.....do.....	148	148	164	160	162	159	159	158	146	147	142	144	
<b>PETROLEUM AND PRODUCTS</b>													
Crude petroleum:													
Consumption (runs to stills)†.....thous. of bbl.....	149,682	155,040	152,771	128,236	131,567	138,705	141,779	140,130	130,232	144,488	139,884	148,621	
Exports \$.....do.....	2,988	3,958	3,398	3,380	3,936	3,455	2,536	1,495	2,688	2,418	4,272	3,839	
Imports.....do.....	6,090	7,480	7,387	5,673	7,547	7,577	6,780	8,302	7,102	6,578	7,867	7,784	
Price (Kansas-Okla.) at wells.....dol. per bbl.....	1.210	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.210	
Production†.....thous. of bbl.....	145,610	151,606	150,965	132,386	132,597	135,252	138,495	143,368	132,129	136,835	140,196	148,334	
Refinery operations.....pct. of capacity.....	98	98	96	85	84	92	92	91	94	95	95	95	
Stocks, end of month:													
Refinable in U. S. †.....thous. of bbl.....	218,218	216,638	215,135	220,319	221,246	218,916	218,763	223,442	227,220	221,400	222,480	221,502	
At refineries.....do.....	51,790	53,053	52,967	54,469	51,773	52,756	50,276	51,819	55,439	53,128	54,829	52,988	
At tank farms and in pipe lines.....do.....	151,909	149,247	147,807	150,984	154,988	151,753	153,957	150,790	157,315	153,419	153,186	153,765	
On leases†.....do.....	14,519	14,338	14,361	14,866	14,485	14,407	14,530	14,833	14,475	14,853	14,765	14,839	
Heavy in California.....do.....	5,044	4,798	4,824	4,437	4,606	4,610	4,496	4,554	4,607	4,528	4,533	4,913	
Wells completed†.....number.....	1,350	1,233	1,158	1,389	1,089	1,156	1,330	1,291	1,112	1,333	1,236	1,302	
Refined petroleum products:													
Gas and fuel oils:													
Domestic demand:†													
Gas oil and distillate fuel oil.....thous. of bbl.....	14,719	15,353	14,998	14,207	16,546	19,102	28,626	29,473	25,341	19,804	18,063	18,297	
Residual fuel oil.....do.....	43,151	41,434	40,350	35,469	40,627	42,713	45,726	44,966	39,332	42,229	37,911	39,346	
Consumption by type of consumer:													
Electric power plants†.....do.....	2,850	1,280	1,446	1,386	1,540	1,855	2,043	2,570	2,261	1,968	2,141	3,511	
Railways (class I).....do.....	8,361	8,300	7,799	6,953	7,420	7,274	7,804	7,625	6,584	6,935	6,461	6,500	
Vessels (bunker oil) \$.....do.....	7,897	7,740	6,694	5,775	5,694	6,131	5,346	6,049	4,874	6,999	5,436	4,621	
Exports:†													
Gas oil and distillate fuel oil.....do.....	4,764	3,202	1,995	1,566	2,464	2,421	2,017	2,456	1,797	1,723	3,407	3,978	
Residual fuel oil.....do.....	909	1,106	416	240	267	239	317	374	303	507	569	324	
Price, fuel oil (Pennsylvania).....dol. per gal.....	.058	.066	.066	.061	.058	.058	.058	.058	.058	.058	.058	.058	
Production:													
Gas oil and distillate fuel oil.....thous. of bbl.....	21,891	22,099	21,740	19,204	19,009	19,964	21,176	24,390	23,047	25,298	23,181	23,348	
Residual fuel oil.....do.....	40,527	41,881	41,200	34,183	36,452	37,937	38,609	37,940	34,791	37,598	37,407	37,816	
Stocks, end of month:													
Gas oil and distillate fuel oil.....do.....	32,440	36,276	41,245	45,059	45,479	44,562	35,778	28,990	25,511	29,922	32,064	33,885	
Residual fuel oil.....do.....	35,606	38,341	42,227	42,822	42,068	41,322	37,158	34,573	34,008	32,995	35,206	38,932	
Motor fuel:													
Domestic demand\$.....thous. of bbl.....	60,597	66,218	70,027	64,550	55,743	53,581	50,129	51,186	47,880	56,801	62,045	66,774	
Exports\$.....do.....	9,784	6,312	2,779	4,181	2,300	2,794	4,524	5,332	4,452	5,258	3,248	2,826	
Prices, gasoline:													
Wholesale, refinery (Okla.).....dol. per gal.....	.058	.059	.059	.060	.060	.059	.056	.055	.053	.050	.050	.054	
Wholesale, tank wagon (N. Y.).....do.....	.149	.161	.161	.155	.149	.149	.149	.149	.146	.145	.145	.149	
Retail, service stations, 50 cities.....do.....	.142	.146	.146	.142	.142	.142	.142	.142	.142	.141	.141	.142	

† Revised. †Revisions for 1945 not shown above: Beehive—Jan., 461; Feb., 456; Mar., 535; Apr., 377; May, 560; byproduct—Jan., 5,621; Feb., 5,101; Mar., 5,691; Apr., 5,269.  
 ‡ Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later.  
 § Average for 35 cities through April 1945; the comparability of the average was not affected by the omission of data for the city dropped.  
 ¶ Revised series. For source of 1939-41 revisions for bituminous coal production, see note marked "†" on p. S-32 of the April 1943 Survey; revisions for 1942-43 are shown on p. S-33 of the April 1945 issue. For 1941 revisions for the indicated series on petroleum products on this page and p. S-37, see notes marked "†" on p. S-33 of the March and April 1943 issues (correction for crude petroleum production January 1941, 110,446), and for revised 1942 monthly averages, see note marked "†" on p. S-33 of the July 1944 issue; 1942 monthly revisions and revisions for 1943 are available on request.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	July	August	September	October	November	December	January	February	March	April	May	

PETROLEUM AND COAL PRODUCTS—Continued

PETROLEUM AND PRODUCTS—Continued													
Refined petroleum products—Continued.													
Motor fuel—Continued.													
Production, total.....	thous. of bbl.	66,968	72,505	72,318	60,077	60,604	66,873	66,058	62,126	55,492	61,899	61,160	65,191
Straight run gasoline.....	do.	24,644	28,457	29,263	23,600	23,141	24,761	23,885	23,234	20,915	24,385	23,216	24,668
Cracked gasoline.....	do.	34,263	35,696	34,829	29,307	29,918	34,496	34,604	31,067	27,388	29,910	30,573	32,945
Natural gasoline and allied products†.....	do.	9,521	9,757	9,651	8,569	9,267	9,474	9,871	10,122	9,251	9,563	9,223	9,529
Sales of l. p. g. for fuel and chemicals.....	do.	1,384	1,328	1,369	1,359	1,671	1,782	2,115	2,217	1,973	1,866	1,765	1,872
Transfer of cycle products.....	do.	76	77	56	40	51	76	87	80	89	93	87	79
Used at refineries.....	do.	6,065	6,551	6,236	5,081	5,483	5,425	5,317	5,037	4,448	4,619	4,487	4,869
Retail distribution.....	mil. of gal.	2,339	2,366	2,599	2,416	2,290	2,118	2,006	2,047	1,937	2,309	2,560	-----
Stocks, gasoline, end of month:													
Finished gasoline, total.....	thous. of bbl.	74,089	74,460	74,270	65,489	68,039	78,091	89,360	94,115	96,293	95,186	90,444	85,801
At refineries.....	do.	46,357	47,822	46,346	38,146	41,613	47,585	56,784	63,203	63,999	63,532	58,605	53,893
Unfinished gasoline.....	do.	12,039	11,122	9,733	9,085	8,766	8,449	8,316	8,279	8,543	8,975	8,300	8,159
Natural gasoline.....	do.	4,723	4,338	4,048	3,985	3,959	4,325	5,034	5,034	5,843	6,658	6,982	7,004
Kerosene:													
Domestic demand.....	do.	4,741	4,402	3,789	5,254	6,775	7,613	9,830	11,176	9,608	8,006	5,995	6,338
Exports.....	do.	556	543	540	815	605	505	423	586	370	394	655	782
Price, wholesale, water white, 47°, refinery (Pennsylvania).....	dol. per gal.	.070	.074	.074	.068	.066	.066	.066	.066	.070	.070	.070	.070
Production.....	thous. of bbl.	6,337	6,520	7,089	5,858	6,447	7,564	8,543	9,688	9,506	9,852	8,396	8,887
Stocks, refinery, end of month.....	do.	5,737	5,860	7,571	8,082	7,564	7,355	6,212	4,666	4,304	4,981	6,097	7,912
Lubricants:													
Domestic demand.....	do.	3,132	3,261	3,120	2,327	2,577	2,532	2,606	2,689	2,275	2,562	3,061	2,806
Exports.....	do.	678	819	889	453	297	571	617	775	603	1,225	721	1,131
Price, wholesale, cylinder, refinery (Pennsylvania).....	dol. per gal.	.160	.160	.160	.160	.160	.160	.160	.160	.160	.160	.160	.160
Production.....	thous. of bbl.	3,567	3,645	3,712	3,128	3,265	3,485	3,312	3,395	3,159	3,786	3,693	3,722
Stocks, refinery, end of month.....	do.	6,770	6,321	6,505	6,840	7,221	7,595	7,966	7,694	7,966	7,951	7,852	7,565
Asphalt:													
Imports.....	short tons	18,542	8,748	9,206	23,612	7,864	30,040	376	9,065	665	9,925	8,985	447
Production.....	do.	681,100	790,200	772,600	682,900	650,000	564,400	491,100	459,500	479,300	540,500	592,700	711,800
Stocks, refinery, end of month.....	do.	835,300	730,700	592,200	524,200	503,100	558,400	692,700	786,500	889,600	948,400	986,200	1,023,100
Wax:													
Production.....	thous. of lb.	70,280	71,400	73,360	54,040	58,240	66,640	63,840	65,520	64,960	77,280	68,040	67,760
Stocks, refinery, end of month.....	do.	71,400	78,680	82,600	84,280	84,280	83,160	82,040	80,640	81,480	85,400	80,920	77,280
Asphalt prepared roofing, shipments:†													
Total.....	thous. of squares	5,045	4,182	3,816	4,170	4,076	4,665	4,347	3,314	4,563	4,060	4,680	5,151
Smooth-surfaced roll roofing and cap sheet.....	do.	1,575	1,260	1,092	1,194	1,112	1,269	1,147	892	1,350	1,526	1,696	1,748
Mineral-surfaced roll roofing and cap sheet.....	do.	1,089	1,133	1,043	1,145	1,186	1,350	1,299	987	1,226	1,102	1,224	1,076
Shingles, all types.....	do.	2,371	1,789	1,681	1,831	1,778	2,045	1,901	1,484	1,987	2,052	2,231	2,346

RUBBER AND RUBBER PRODUCTS

RUBBER													
Natural rubber:‡													
Consumption.....	long tons	16,463	8,995	7,698	7,392	5,799	7,206	7,575	8,185	10,355	10,131	12,792	16,014
Imports, including latex and Guayule§.....	do.	9,358	10,509	11,206	11,164	11,606	12,213	14,045	19,595	33,008	31,757	28,109	6,262
Stocks, end of month.....	do.	176,771	103,219	103,504	105,594	111,385	118,085	117,543	118,715	133,294	157,977	180,088	182,831
Synthetic rubber:*													
Consumption.....	do.	62,145	58,627	52,571	54,439	45,479	58,667	56,227	56,112	66,993	63,770	74,214	70,703
Exports.....	do.	7,851	11,969	10,914	3,839	1,621	8,024	5,403	5,475	6,430	17,726	12,931	13,145
Production.....	do.	63,888	78,702	78,650	69,703	63,754	47,317	48,634	46,593	56,089	51,848	60,363	66,014
Stocks, end of month.....	do.	92,045	203,018	218,539	224,117	239,683	226,550	214,289	203,454	177,051	144,427	115,310	101,510
Reclaimed rubber:¶													
Consumption.....	do.	21,552	19,873	15,976	18,663	17,365	22,185	20,263	19,590	22,031	20,702	22,075	22,396
Production.....	do.	24,884	20,187	17,033	18,804	17,246	22,044	20,560	20,632	24,458	23,187	25,136	23,930
Stocks, end of month.....	do.	35,470	34,353	34,574	33,881	32,439	31,103	30,541	28,156	29,099	30,216	31,436	31,732
TIRES AND TUBES													
Pneumatic casings:§													
Exports.....	thousands	191	190	124	94	64	90	93	96	111	206	196	245
Production.....	do.	3,434	3,054	3,656	3,432	4,700	4,660	4,818	5,973	5,801	6,686	6,883	7,061
Shipments.....	do.	3,327	2,941	3,332	3,446	4,369	4,436	4,297	5,547	5,468	6,621	6,989	7,032
Original equipment.....	do.	452	407	382	346	450	634	378	576	476	730	1,105	1,259
Stocks, end of month.....	do.	1,689	1,799	2,072	2,003	2,352	2,992	3,003	3,338	3,487	3,392	3,304	3,377
Inner tubes:§													
Exports.....	do.	113	125	103	92	60	83	99	88	108	155	169	208
Production.....	do.	3,104	3,050	3,240	3,061	4,274	4,245	3,959	5,296	4,874	5,840	6,114	6,463
Shipments.....	do.	3,008	2,959	3,044	3,063	3,924	4,023	3,636	4,286	4,386	5,649	6,079	6,278
Stocks, end of month.....	do.	2,601	2,597	2,784	2,708	3,175	3,387	3,671	4,048	4,418	4,519	4,190	4,373

STONE, CLAY, AND GLASS PRODUCTS

ABRASIVE PRODUCTS													
Coated abrasive paper and cloth, shipments.....	reams	147,807	140,312	123,662	116,468	99,700	98,121	100,311	97,395	115,440	129,204	143,919	161,776
PORTLAND CEMENT													
Production.....	thous. of bbl.	14,489	8,929	9,237	9,921	9,826	11,104	10,705	9,772	9,635	9,250	11,305	12,650
Percent of capacity.....	do.	73	45	45	49	50	55	54	48	47	50	55	64
Shipments.....	thous. of bbl.	14,558	10,083	10,283	11,467	11,211	13,303	10,342	6,112	7,391	7,853	12,718	15,369
Stocks, finished, end of month.....	do.	11,888	18,535	17,486	15,966	14,595	12,385	12,763	16,423	18,653	20,034	18,651	15,972
Stocks, clinker, end of month.....	do.	4,912	5,273	4,808	4,556	4,574	4,109	4,022	4,463	5,304	5,824	6,330	6,013

Revised. See note in April 1946 Survey.  
 §Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1946 for exports and January 1942-February 1945 for the other series will be published later.  
 †Includes natural gasoline, cycle products, and liquefied petroleum gases at natural gasoline plants, and benzol. Sales of liquefied petroleum gases for fuel and for chemicals and transfers of cycle products, shown separately above, are deducted before combining the data with straight run and cracked gasoline to obtain total motor fuel production.  
 ¶Data are from the Civilian Production Administration and continue similar series from the Rubber Manufacturers Association published in the 1942 Supplement; the coverage is complete. Data for November 1941-February 1945 will be published later.  
 \*New series. Exports are from the Bureau of the Census; other series are compiled by the Civilian Production Administration and the coverage is complete. Data prior to March 1945 will be shown later.  
 ‡See note marked "f" on p. S-36 regarding revisions in the indicated series for petroleum products. Data for asphalt roofing have been published on a revised basis beginning in the April 1945 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	1946		1945						1946				
	June	June	July	August	September	October	November	December	January	February	March	April	May
<b>STONE, CLAY, AND GLASS PRODUCTS—Continued</b>													
<b>CLAY PRODUCTS</b>													
Brick, unglazed:													
Price, wholesale, common, composite, f. o. b. plant													
Production*.....thous. of standard brick	17,932	15,415	15,621	15,568	16,036	16,881	17,051	17,081	17,196	17,213	17,328	17,369	17,646
Shipments*.....do		183,310	191,489	211,331	210,210	250,467	263,441	238,668	271,639	279,265	336,647	368,587	352,367
Stocks, end of month*.....do		197,987	203,676	228,832	211,088	267,775	258,591	216,658	271,601	271,763	335,804	361,128	335,889
Unglazed structural tile*:		203,413	191,640	174,462	172,832	158,800	160,563	181,158	179,875	188,343	188,346	196,460	210,631
Production.....short tons		62,024	58,497	61,591	62,406	67,835	71,471	62,046	70,114	67,059	84,506	88,610	94,969
Shipments.....do		67,558	67,944	72,569	69,488	73,779	74,974	61,549	75,298	70,102	82,932	94,031	93,707
Stocks.....do		91,889	82,401	71,351	64,423	59,469	53,844	54,429	49,399	46,434	46,074	40,484	41,798
Vitrified clay sewer pipe*:													
Production.....do		53,337	56,363	58,504	60,105	71,927	73,801	71,055	84,021	54,904	56,113	64,400	90,204
Shipments.....do		68,348	70,649	72,190	71,070	80,222	72,585	62,329	78,084	50,174	54,267	67,941	95,500
Stocks.....do		166,597	162,369	138,712	127,858	121,270	119,196	128,470	137,583	142,248	145,937	142,146	135,251
<b>GLASS PRODUCTS</b>													
Glass containers:†													
Production.....thous. of gross	8,991	8,711	8,710	9,270	8,995	9,885	8,978	8,603	9,890	8,985	9,872	9,555	8,982
Shipments.....do	8,680	8,832	8,534	9,253	8,743	9,693	8,668	7,968	9,644	8,847	9,614	9,425	9,235
Narrow neck, food.....do	865	694	817	1,073	1,170	871	592	561	679	615	725	773	824
Wide mouth, food (incl. packers tumblers).....do	2,502	2,298	2,224	2,568	2,420	2,998	2,707	2,533	3,041	2,775	2,904	2,905	2,844
Beverage.....do	653	690	561	548	450	607	505	467	415	399	524	506	358
Beer bottles.....do	415	933	852	757	744	719	624	564	801	801	791	546	1,389
Liquor and wine.....do	1,059	835	838	801	865	1,123	1,126	1,087	1,161	1,152	1,156	1,159	1,008
Medicinal and toilet.....do	1,899	2,084	1,821	1,945	1,963	2,109	2,006	1,773	2,355	2,052	2,229	2,143	2,223
General purpose (chem., household, indus.).....do	663	671	691	740	687	838	742	648	752	687	772	717	729
Dairy products.....do	280	303	307	329	305	337	312	302	353	317	342	347	315
Fruit jars and jelly glasses.....do	346	323	423	402	139	90	52	34	89	67	171	268	345
Stocks, end of month.....do	3,729	3,985	3,988	3,806	3,835	3,815	3,857	4,331	4,392	4,294	4,287	4,140	3,643
Other glassware, machine-made:													
Tumblers:‡													
Production.....thous. of doz.	7,389	6,091	5,338	5,865	5,826	6,653	6,153	5,682	5,763	6,465	7,770	6,935	5,978
Shipments.....do	6,347	6,280	5,630	5,884	5,786	6,458	5,377	5,925	5,516	6,138	7,672	7,416	6,706
Stocks.....do	4,920	4,773	4,468	4,461	4,551	4,876	5,640	5,281	4,882	4,879	5,007	4,410	3,937
Table, kitchen, and householdware.....thous. of doz.	3,847	3,102	2,476	3,474	2,867	3,103	2,968	3,203	4,402	3,681	4,153	4,100	4,513
Plate glass, polished, production.....thous. of sq. ft.	16,316	6,081	8,481	8,966	10,354	7,335	543	429	4,355	13,849	19,292	18,515	18,863
<b>GYPSUM AND PRODUCTS</b>													
Crude gypsum:													
Imports♂.....short tons		88,039			180,257			233,059			42,721		
Production.....do		906,796			959,097			1,087,495			1,143,238		
Calcined, production.....do		603,491			628,871			701,797			828,731		
Gypsum products sold or used:													
Uncalcined.....do		256,707			276,969			340,697			358,643		
Calcined:													
For building uses:													
Base-coat plasters.....do		182,961			174,497			204,791			265,675		
Keene's cement.....do		3,293			3,591			4,596			6,589		
All other building plasters.....do		50,182			54,580			69,614			85,952		
Lath.....thous. of sq. ft.		130,990			145,356			206,823			242,917		
Tile.....do		4,600			4,717			5,047			5,164		
Wallboard⊕.....do		388,094			374,430			365,183			408,149		
Industrial plasters.....short tons		58,249			52,485			35,660			48,588		

## TEXTILE PRODUCTS

<b>CLOTHING</b>													
Hosiery:													
Production.....thous. of dozen pairs	12,968	11,256	9,627	11,251	11,042	12,450	11,443	9,999	13,131	12,235	12,976	13,067	13,985
Shipments.....do	13,118	11,639	9,256	11,290	10,803	12,008	10,704	9,137	12,751	11,938	12,613	12,643	13,344
Stocks, end of month.....do	16,311	12,303	12,660	12,506	12,609	12,886	13,551	14,355	14,734	15,032	15,394	15,819	16,461
<b>COTTON</b>													
Cotton (exclusive of linters):													
Consumption.....bales	792,661	785,945	672,973	739,811	701,000	759,806	743,450	651,784	811,368	746,594	803,937	813,732	871,559
Exports♂.....do		295,416	309,501	187,851	244,318	194,616	297,023	214,928	293,166	250,482	318,948	295,921	456,671
Imports♂.....do		12,978	9,947	14,587	57,595	21,792	9,823	19,199	35,899	25,845	39,609	30,767	42,852
Prices received by farmers†.....dol. per lb.	.260	.209	.213	.213	.217	.223	.225	.228	.224	.230	.227	.236	.241
Prices, wholesale, middling, 1 <sup>1</sup> / <sub>16</sub> " average, 10 markets.....dol. per lb.	.292	.227	.226	.224	.225	.231	.239	.245	.247	.258	.268	.277	.274
Production:													
Ginnings‡.....thous. of running bales			133	461	2,176	5,154	7,384	7,734	8,027		18,813		
Crop estimate, equivalent 500-lb. bales.....thous. of bales											19,014		
Stocks, domestic cotton in the United States, end of month:‡													
Warehouses.....thous. of bales	5,318	9,117	8,306	7,778	8,250	9,145	10,556	10,447	9,900	9,348	8,559	7,534	6,345
Mills.....do	2,179	1,989	1,909	1,778	1,690	1,852	2,137	2,311	2,295	2,305	2,319	2,311	2,239
Cotton linters:													
Consumption.....do	83	119	104	84	77	85	84	86	96	91	95	89	85
Production.....do	16	40	39	36	74	166	171	134	140	88	71	49	31
Stocks, end of month.....do	398	351	292	278	274	335	408	451	475	482	480	457	443

\* Revised.

† Total ginnings of 1945 crop.

‡ Total ginnings to end of month indicated.

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

⊕ Includes laminated board reported as component board; this is a new product not produced prior to September 1942.

† For revised figures for cotton stocks for August 1941–March 1942, see p. S-24 of the May 1943 Survey. The total stocks of American cotton in the United States on July 31, 1945, including stocks on farms and in transit, were 11,040,000 bales, and stocks of foreign cotton in the United States, 124,000 bales.

‡ Revised series. See note marked "†" on p. S-34 of the July 1944 Survey regarding changes in the data on glass containers and comparable figures for 1940–42; data for January–October 1945 were compiled by the War Production Board; subsequent data are from the Bureau of the Census. Data for tumblers have been revised to include data for 8 companies and for table, kitchen, and household ware to include 6 companies; comparable data beginning January 1944 will be shown later. The farm price of cotton has been revised for August 1937–July 1942; for revisions see note marked "†" on p. S-35 of the June 1944 Survey.

\* New series. Data are compiled by the Bureau of the Census and cover all known manufacturers; data beginning September 1942 for brick are shown on p. 24 of the February 1945 issue; data beginning that month for other series will be published later.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	July	August	September	October	November	December	January	February	March	April	May	

TEXTILE PRODUCTS—Continued

COTTON MANUFACTURERS												
Cotton cloth:												
Cotton broad woven goods over 12 inches in width, production, quarterly*.....mil. of linear yards.....		2,270			2,008				2,062		2,251	
Cotton goods finished, quarterly*:												
Production, total.....do.....	1,733				1,428				1,555		1,732	
Bleached.....do.....	723				459				778		839	
Plain dyed.....do.....	617				459				457		477	
Printed.....do.....	204				246				320		416	
Exports\$.....thous. of sq. yds.....	56,730	62,927	56,999	57,951	49,031	68,789	52,756	59,618	60,474	71,472	65,154	73,107
Imports\$.....do.....	8,343	7,850	11,169	9,452	7,610	5,934	2,920	3,131	2,532	4,840	7,100	4,205
Prices, wholesale:												
Mill margins.....cents per lb.....	22.01	19.92	20.04	20.28	22.41	21.85	21.16	20.61	20.68	19.49	22.53	23.09
Denims, 28-inch.....dol. per yd.....	.256	.209	.209	.209	.216	.223	.223	.223	.223	.223	.248	.256
Print cloth, 64 x 56 <sup>○</sup> .....do.....	.114	.090	.090	.090	.092	1.099	.099	.099	.099	.099	.110	.114
Sheeting, unbleached, 36-inch, 56 x 56 <sup>○</sup> .....do.....	.183	.114	.114	.114	.117	.120	.120	.120	.120	.120	.133	.138
Spindle activity:												
Active spindles.....thousands.....	21,943	22,189	22,029	22,170	21,912	21,722	21,605	21,552	21,630	21,629	21,957	21,973
Active spindle hours, total.....mil. of hr.....	8,787	9,240	7,926	8,793	8,371	9,143	8,672	7,733	9,489	8,497	9,103	9,133
Average per spindle in place.....hours.....	368	399	343	370	352	383	364	325	399	357	382	383
Operations.....percent of capacity.....	115.1	118.8	102.0	100.5	111.8	105.0	104.6	101.5	110.7	113.1	101.7	109.7
Cotton yarn, wholesale prices:												
Southern, 22/1, cones, carded, white, for knitting (mill)†.....dol. per lb.....	.543	.451	.451	.451	.470	.470	.470	.470	.470	.476	.504	.525
Southern, 40s, single, carded (mill).....do.....	.672	.568	.568	.568	.593	.592	.592	.592	.592	.592	.627	.646
RAYON AND MANUFACTURES												
Yarn and staple fibers:												
Consumption:												
Yarn.....mil. of lb.....	51.8	50.6	48.6	50.5	47.9	53.2	52.8	50.7	55.7	50.2	58.3	56.6
Staple fiber.....do.....	14.0	13.4	13.7	12.7	11.9	15.1	14.8	14.5	14.0	13.3	16.8	14.8
Imports\$.....thous. of lb.....	0	0	(?)	0	3	1,000	0	1,441	1,492	1,426	2,943	2,141
Prices, wholesale:												
Yarn, viscose, 150 denier, first quality, minimum filament.....dol. per lb.....	.550	.550	.550	.550	.550	.550	.550	.550	.550	.550	.550	.550
Staple fiber, viscose, 1½ denier.....do.....	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250
Stocks, producers', end of month:												
Yarn.....mil. of lb.....	7.1	6.0	6.1	5.6	6.0	7.3	7.7	7.3	8.3	10.0	9.2	9.3
Staple fiber.....do.....	1.9	3.0	3.8	4.4	4.8	4.6	3.9	3.1	4.1	4.0	1.9	2.3
Rayon goods, production, quarterly*:												
Broad woven goods.....thous. of linear yards.....	390,383				354,498			397,368			433,551	
Finished, total.....do.....	397,045				350,609			380,194			433,578	
White finished.....do.....	54,547				48,699			43,541			53,127	
Plain dyed.....do.....	263,466				232,870			259,718			286,851	
Printed.....do.....	79,032				69,040			76,935			93,600	
WOOL												
Consumption (scoured basis):‡												
Apparel class.....thous. of lb.....	51,456	48,920	37,788	39,004	51,540	40,332	38,388	53,995	47,708	50,424	61,635	48,260
Carpet class.....do.....	2,980	3,010	4,332	5,828	8,600	6,368	7,436	10,100	9,916	10,352	11,465	9,612
Imports\$.....do.....	41,997	42,501	45,708	39,303	58,399	50,365	45,988	106,619	78,514	113,543	126,519	91,793
Prices, wholesale:												
Raw, territory, 64s, 70s, 80s, fine, scoured*.....dol. per lb.....	.995	1.190	1.190	1.190	1.190	1.190	1.035	1.035	1.025	.995	.995	.995
Raw, bright fleece, 56s, greasy*.....do.....	.465	.545	.545	.545	.545	.545	.485	.485	.480	.465	.465	.465
Australian, 64-70s, good top making, scoured, in bond (Boston)†.....do.....	.745	.745	.745	.755	.755	.755	.758	.755	.755	.755	.747	.745
Stocks, scoured basis, end of mo., total†.....thous. of lb.....	406,603				443,434			483,019			491,512	
Wool finer than 40s, total.....do.....	332,576				359,935			360,224			377,658	
Domestic.....do.....	194,450				208,246			211,826			221,188	
Foreign.....do.....	138,126				151,689			148,398			156,470	
Wool 40s and below and carpet.....do.....	74,027				83,499			122,795			113,854	
WOOL MANUFACTURES												
Machinery activity (weekly average):‡												
Looms:												
Woolen and worsted:												
Broad.....thous. of active hours.....	2,424	1,865	2,045	2,050	2,182	2,183	2,175	2,276	2,480	2,582	2,586	2,486
Narrow.....do.....	79	64	69	75	75	78	78	72	81	85	79	88
Carpet and rug:*												
Broad.....do.....	44	32	49	82	78	71	79	83	95	101	103	98
Narrow.....do.....	31	24	34	50	64	59	67	68	74	79	79	86
Spinning spindles:												
Woolen.....do.....	113,809	87,142	101,419	105,340	107,360	108,656	105,388	109,462	120,378	122,334	119,955	118,956
Worsted.....do.....	93,426	76,017	84,616	95,919	103,739	100,415	97,801	102,327	112,677	115,501	114,045	108,661
Worsted combs.....do.....	205	175	170	193	195	188	186	197	220	226	224	214
Woolen and worsted woven goods (except woven felts):*												
Production, quarterly, total.....thous. of linear yards.....	127,786				107,963			124,501			142,135	
Apparel fabrics.....do.....	98,500				87,818			107,163			121,914	
Men's wear.....do.....	61,420				44,063			44,566			51,948	
Women's and children's wear.....do.....	22,342				32,097			49,587			55,037	
General use and other fabrics.....do.....	14,738				11,658			13,010			14,929	
Blankets.....do.....	27,696				17,977			11,387			12,774	
Other nonapparel fabrics.....do.....	1,590				2,168			5,951			7,447	
Wool yarn:												
Production, total*.....thous. of lb.....	73,352	69,480	63,660	63,504	81,600	64,508	62,240	82,775	74,204	77,300	94,390	74,712
Knitting*.....do.....	14,436	14,490	12,756	12,000	14,780	11,700	10,864	14,775	13,460	14,052	17,110	13,832
Weaving*.....do.....	54,646	51,065	46,286	45,052	57,321	45,416	43,581	57,272	50,656	52,740	64,650	50,960
Carpet and other*.....do.....	4,270	3,925	4,618	6,452	9,499	7,392	7,795	10,728	10,088	10,508	12,630	9,920
Price, wholesale, worsted yarn, 2/32s (Boston).....dol. per lb.....	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

\* Revised. † See note marked "S". ‡ Data for July and October 1945, January and April 1946 are for 5 weeks; other months, 7 weeks. \* Less than 1,000 pounds.  
 § Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later.  
 ¶ Data beginning October are for 64 x 60 cloth and continue the series for which prices through June 1943 were shown in the October 1943 Survey (this construction was discontinued during the war period); the price of 64 x 56 cloth was \$0.096 for October 1945-February 1946 and \$0.107 for March 1946.  
 ○ This series was substituted in the November 1943 Survey for the price of 56 x 60 sheeting, production of which was discontinued during the war period.  
 \* Data through August 1945 exclude activity of carpet and rug looms operating on blankets and cotton fabrics.  
 † Revised series. For 1941 data for the yarn price series, see p. S-35 of the November 1942 issue. Wool stocks have been published on a revised basis beginning 1942 (see p. S-35 of the May 1943 Survey); data include wool held by the Commodity Credit Corporation but exclude foreign wool held by the Defense Supplies Corporation.  
 ‡ New series. For data beginning 1943 for production of cotton cloth and a brief description of the data, see p. S-35 of the August 1944 Survey; earlier data will be shown later. For earlier data for cotton and rayon goods finishing, see p. 23. Rayon broad woven goods production, and wool yarn production are from the Bureau of the Census and represent virtually complete coverage; data beginning in 1943 will be shown later. Data beginning 1939 for the price of raw territory wool are shown on p. 24 of the February 1945 Survey. Data beginning 1936 for the price series for Australian wool, which is from the Department of Agriculture, will be shown later; prices are before payment of duty. For available data for 1937-43 for woolen and worsted goods production, see p. 19 of the May 1945 Survey.

Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	1946		1945						1946				
	June	July	August	September	October	November	December	January	February	March	April	May	
<b>TEXTILE PRODUCTS—Continued</b>													
<b>MISCELLANEOUS PRODUCTS</b>													
Fur, sales by dealers.....thous. of dol.....	5,263	3,962	3,787	3,210	7,669	5,778	3,217	8,577	7,134	5,187	7,050	7,131	
Pyroxylin-coated textiles (cotton fabrics): †													
Orders, unfilled, end of month.....thous. lin. yd.....	10,181	10,646	10,604	12,670	11,908	12,038	11,909	12,786	13,137	13,035	13,606	13,182	
Pyroxylin spread.....thous. of lb.....	4,523	3,938	4,505	5,505	6,398	6,686	6,036	6,754	6,129	6,301	6,811	6,814	
Shipments, billed.....thous. linear yd.....	5,539	5,147	6,673	6,119	7,973	8,485	6,864	8,345	7,571	7,713	8,650	9,246	
<b>TRANSPORTATION EQUIPMENT</b>													
<b>MOTOR VEHICLES</b>													
Exports, assembled, total †.....number.....	15,001	18,911	15,688	5,370	4,331	7,956	8,604	10,266	12,289	13,285	18,999	27,017	
Passenger cars †.....do.....	124	129	174	196	238	430	824	2,962	2,350	4,001	6,312	8,321	
Trucks †.....do.....	14,877	18,782	15,514	5,174	4,093	7,526	7,780	7,304	9,939	9,284	12,687	18,696	
Production:*													
Passenger cars.....do.....	142,313	0	359	1,381	580	16,839	34,612	30,922	58,575	47,965	90,045	150,206	
Trucks and truck tractors, total.....do.....	58,739	66,456	54,563	94,779	31,572	42,225	53,634	29,542	54,864	28,692	39,359	81,282	
Civilian, total.....do.....	58,739	23,131	21,394	27,532	30,106	40,900	53,103	28,792	54,791	28,594	39,348	81,280	
Heavy.....do.....	4,066	5,592	4,843	5,398	6,036	5,654	5,437	5,054	6,278	4,410	2,433	5,802	
Medium.....do.....	18,608	12,017	12,558	16,851	17,830	25,982	30,754	11,132	23,956	9,880	16,990	44,047	
Light.....do.....	36,065	5,522	3,993	6,240	9,264	16,912	12,606	21,557	14,244	19,925	31,431	32,400	
Military.....do.....	0	43,325	33,169	17,247	1,466	1,325	531	73	98	11	2	0	
<b>RAILWAY EQUIPMENT</b>													
American Railway Car Institute:													
Shipments:													
Freight cars, total.....number.....	2,662	4,933	4,256	4,348	2,263	2,605	2,019	2,155	3,474	2,411	2,460	3,340	
Domestic.....do.....	2,094	3,428	2,316	2,414	2,046	2,361	1,689	1,674	2,202	1,664	2,325	3,181	
Passenger cars, total.....do.....	56	31	37	24	8	60	186	491	494	9	21	181	
Domestic.....do.....	56	31	37	24	8	60	186	491	494	9	21	181	
Association of American Railroads:													
Freight cars, end of month:													
Number owned.....thousands.....	1,749	1,769	1,773	1,771	1,769	1,767	1,765	1,760	1,757	1,755	1,753	1,749	
Undergoing or awaiting classified repairs.....do.....	78	65	68	70	75	70	69	72	71	74	75	83	
Percent of total on line.....do.....	4.7	3.8	3.9	4.1	4.4	4.1	4.1	4.3	4.2	4.4	4.4	4.9	
Orders, unfilled.....cars.....	36,058	27,968	32,058	37,398	37,468	37,136	35,172	36,426	36,471	37,572	38,650	38,151	
Equipment manufacturers.....do.....	28,683	23,429	25,988	31,674	31,687	31,587	29,334	30,911	29,002	30,345	29,947	29,687	
Railroad shops.....do.....	7,375	4,539	6,070	5,724	5,781	5,549	5,838	5,515	7,469	7,227	8,703	8,464	
Locomotives, end of month:													
Steam, undergoing or awaiting classified repairs													
Number.....do.....	3,179	2,303	2,420	2,514	2,562	2,662	2,662	2,555	2,834	2,944	3,075	3,145	
Percent of total on line.....do.....	8.3	5.9	6.2	6.4	6.5	6.8	6.8	6.6	7.3	7.6	8.0	8.2	
Orders unfilled:													
Steam locomotives, total.....number.....	86	111	109	107	129	117	104	92	81	85	82	74	
Equipment manufacturers.....do.....	70	86	82	80	84	75	67	64	57	57	57	52	
Railroad shops.....do.....	16	25	27	27	45	42	37	28	24	28	25	22	
Other locomotives, total*.....do.....	529	397	387	405	406	403	380	379	373	378	412	416	
Equipment manufacturers*.....do.....	515	370	364	388	389	389	367	369	363	368	402	406	
Railroad shops*.....do.....	14	27	23	17	17	14	13	10	10	10	10	10	
Exports of locomotives, total †.....do.....	136	116	85	40	46	144	270	222	163	216	262	258	
Steam †.....do.....	102	90	63	15	29	122	160	156	125	172	172	99	
Other †.....do.....	34	26	22	25	17	22	110	66	38	44	90	159	
<b>INDUSTRIAL ELECTRIC TRUCKS AND TRACTORS</b>													
Shipments, total.....number.....	372	246	322	246	325	195	159	146	148	154	219	-----	
Domestic.....do.....	355	229	313	239	319	191	156	142	148	148	211	-----	
Exports.....do.....	17	17	9	7	6	4	3	4	0	6	8	-----	

## CANADIAN STATISTICS

Physical volume of business, adjusted:														
Combined index.....1935-39=100.....	219.5	213.7	212.7	205.3	194.5	189.9	183.0	195.4	181.2	191.4	192.8	184.3		
Industrial production, combined index.....do.....	236.2	230.1	226.5	223.9	210.8	197.7	194.5	193.9	188.2	199.0	197.9	189.6		
Construction †.....do.....	188.4	172.2	147.1	163.5	138.5	195.7	231.0	247.8	252.1	425.4	423.1	302.6		
Electric power.....do.....	164.1	161.3	154.6	146.3	144.8	139.7	141.8	151.8	152.9	155.6	164.1	166.5		
Manufacturing †.....do.....	252.5	248.9	247.6	244.1	231.9	211.0	206.3	202.8	197.9	190.7	189.9	186.9		
Forestry †.....do.....	124.5	125.0	125.2	123.8	133.2	135.1	134.5	138.4	150.7	146.9	144.0	143.2		
Mining †.....do.....	174.6	160.9	156.2	150.4	132.9	130.6	114.0	119.7	98.1	143.5	142.0	155.8		
Distribution, combined index †.....do.....	191.0	179.7	184.0	166.8	160.7	173.7	189.8	198.7	166.7	175.9	182.3	173.4		
Agricultural marketings, adjusted: †														
Combined index.....do.....	165.0	312.7	84.2	51.3	70.6	117.1	100.0	163.7	68.8	66.0	124.6	160.5		
Grain.....do.....	176.4	351.1	74.0	35.7	59.4	105.6	82.5	168.9	52.5	54.3	129.9	177.7		
Livestock.....do.....	115.6	144.4	128.6	119.0	136.6	166.9	176.1	140.9	139.2	117.0	101.4	86.0		
Commodity prices:														
Cost of living.....do.....	119.6	120.3	120.5	119.9	119.7	119.9	120.1	119.9	119.9	120.1	120.8	122.0		
Wholesale prices.....1926=100.....	104.0	104.6	104.0	103.3	103.6	103.9	103.9	104.6	105.2	105.6	108.2	108.6		
Railways:														
Carloadings.....thous. of cars.....	322	306	314	306	341	322	272	283	263	302	282	296		
Revenue freight carried 1 mile.....mil. of tons.....	5,919	5,692	5,251	5,159	5,495	5,208	4,803	4,644	4,215	4,981	-----	-----		
Passengers carried 1 mile.....mil. of passengers.....	622	735	706	569	498	425	465	424	392	412	-----	-----		

\* Revised.

† Data for October 1945-January 1946, and April 1946, include converted troop kitchens and troop sleepers.

‡ Data for several additional companies are included beginning July or August; see note in the April 1946 Survey for July and August figures excluding these companies and information regarding an earlier revision in the series.

§ The export series, except data for total locomotives and other locomotives, continue data formerly published in the Survey but suspended during the war period; "other locomotives" has been revised to include internal combustion, carburetor type, Diesel-electric and Diesel in addition to electric locomotives and the total revised accordingly. The series include railway, mining and industrial locomotives. Data through February 1945 for the revised series and for October 1941-February 1945 for other series will be published later.

\*New series. See note in September 1945 Survey for a description of the series on production of trucks and tractors; data beginning 1936 will be published later. Data on passenger car production are from the Civilian Production Administration and cover the entire industry; there was no production April 1942-June 1945. Data for unfilled orders of "other locomotives" are for class I railroads and include electric, Diesel-electric, and Diesel; data beginning 1939 will be shown later.

† Revised series. The Canadian index of construction has been shown on a revised basis beginning in the August 1945 Survey, the mining index beginning in the April 1944 issue, and the other indicated indexes beginning in the December 1942 issue; see note in April 1946 Survey for the periods affected.

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