SURVEY OF

CURRENT BUSINESS



UNITED STATES DEPARTMENT OF COMMERCE

BUREAU OF FOREIGN AND DOMESTIC COMMERCE

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Contents

THE BUSINESS SITUATION	Page 1
Corporate Sales and Profits in the Third Quarter	5
Plant and Equipment Expenditures of United States Business	6
Revised Estimates of Retail Trade, 1946–47	7
FOOD CONSUMPTION, EXPENDITURES, AND PRICES.	12

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 Classification of Statistical Sections

 Seneral business indicators

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 Construction and real estate

 Foreign trade

 Secondity prices

 Foreign trade

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 Foreign trade

 Secondity prices

 Construction and communications

 Foreign trade

 Chemicals and allied products

 Sectric power and gas

 Metals and manufactures:

 Monferrous and sparatus

 Machinery and apparatus

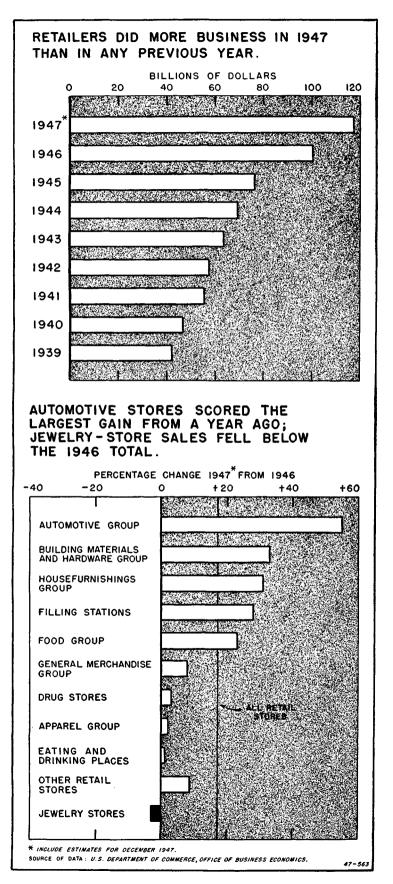
 Machinery and sparatus

 Machinery and sparatus

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The Business Situation

By the Office of Business Economics

The economy was operating at a sustained high rate of activity as 1947 closed. Notwithstanding the increase in the output of industrial goods that occurred in the late months of the year and a sustained flow of agricultural commodities to market, commodity prices maintained their upward trend under the pressure of demand from both foreign and domestic sources. Incomes flowed to both businesses and individuals in rising volume but spending continued at a rate which required further new credit extension as a supplementary source of funds. The influence of the foregoing and other factors combined to lift the gross national product above 240 billion dollars, at seasonally adjusted annual rates, in the closing months of the year.

Capital Outlays Increased

A development of importance in the money market during December was the lowering of the Government support price for longer term Federal bonds and the consequent rise of long term money rates. The rise that has occurred to date has been from the very low level to which rates were reduced in the war period. When the Government requirements for war finance were terminated, these low rates facilitated a tremendous outpouring of refinancing by business concerns at lower interest costs. Such refinancing was one of the features of financial markets in late 1945 and in early 1946.

The interest rate action was taken as a step toward limiting future credit expansion, while consideration is being given to more far-reaching proposals to restrict the availability of funds in a general market where both individuals and business concerns are endeavoring to secure for themselves a larger share of the available supply of goods. The results of such endeavors have been expressed in extensive price rises, and insofar as they have affected food expenditures are analyzed in detail in a special article of this issue. Markets for other consumer goods, as well as for capital equipment have similarly reacted to the pressure of funds on a relatively fixed supply of resources. Price advances in many sectors of capital goods—which are generally considered areas of relative price inflexibility—have moved over the past year more nearly parallel to the general upswing than was earlier true.

Though the general tendency during 1947 has been for more uniformity of movement, the price advances in the case of the relatively inflexible items of capital and other durable goods, as compared with prewar levels, has been less than average. However, some commodities used in capital formation, whose price classification is in the flexible group notably building materials—have been in the forefront of the price advance both during the war and since.

The general buoyancy of capital outlays by business, together with the high pitch of business expectations of which this is one manifestation, is reflected in the fourth quarter estimate of plant and equipment expenditures at an annual rate of 18 billion dollars. So far, the tightening of the capital market has not impeded such outlays, since financing required from external sources has been available on generally favorable terms though—as was pointed out in last month's issue—money market conditions have influenced the methods by which funds have been raised.

Consumer demand up to the year-end continued generally strong, notwithstanding rising prices. Inventory increases accelerated in the latter part of the year, not, however, by reason of consumer resistance to advancing prices, but rather because of real or anticipated shortages of particular items and because risks involved in higher inventories were considered to have been reduced by current developments.

Business inventories, together with new construction, have been the major segments of the rising trend among the capital formation items in recent months. The rise in inventories in quantity terms has been larger in the final quarter of 1947 than in the preceding two quarters, though not so great as the peak rate of accumulation in the second half of 1946.

In book value terms, which reflect the higher prices as well as the larger volume and without seasonal correction, the rate of increase in inventories in the three months through November was 1 billion dollars a month. This rise was partly seasonal, reflecting in trade channels the increased stocks incident to the Christmas trade.

Consumers Absorb More Goods at Rising Prices

On the basis of incomplete data for December, it is estimated that during the fourth quarter consumers spent about 172 billion dollars for goods and services at seasonally adjusted annual rates. For the year, the total approximated 165 billion dollars. Since most of these funds were spent over the counter, retail trade, as with other dollar aggregates, exceeded earlier totals, as is shown by the top panel of the chart on page 1. The lower panel shows at a glance a significant fact about last year's retail sales consumers increased their expenditures on durable goods relatively much more than those on nondurables, though the increase for food ranked high. In a later section of this review, 1947 retail trade is reviewed by major segments.

Rise in Income Continued

Increased employment, particularly in manufacturing and trade, contributed to a billion dollar rise, after allowance for payment of veteran terminal leave bonds, in personal incomes in November from the seasonally adjusted annual rate of about 203 billion dollars on the same basis, in October. Income derived from the cashing of terminal leave bonds was one-tenth of the September figure. Wage and salary payments in private nonagricultural industries rose more than two billion dollars during November, as employment in this sector again increased. In manufacturing industries, a slight decline in hours worked was more than compensated by an increase in hourly earnings, which pushed weekly earnings up to more than 51 dollars.

Farm Proprietors' Income

Another segment of personal income which continued, in the fourth quarter, to maintain unusually high levels was proprietors' income. Although details are not yet available for nonfarm proprietors, the basic facts underlying the further rise in farm proprietors' income are now at hand.

Cash farm income continued to advance in the final quarter of 1947 as marketing remained high and prices received by farmers rose further—averaging 5 percent higher than in the third quarter. Throughout the year cash farm income has been running about 3.6 times as high as the 1935– 39 average, varying from 3.5 in the second and third quarter of the year to 3.7 times as high in the final quarter (table 1).

On the basis of estimates for the first 11 months of the year as compared with the same period of 1946, the greatest increase in cash income was from marketings of food grains where the increase was 65 percent. Not far behind were increases of 40 to 45 percent in meat animals and in cotton and of 35 percent in oil bearing crops. By and large, the higher income received reflected advancing prices, as the physical volume of marketings rose only 3 percent.

General Advance in Commodity Prices

Rising prices in December provided further emphasis to current inflationary developments. Nearly all segments of the price level continued to advance during the month, as the Bureau of Labor Statistics index of about 860 commodities in primary markets rose 2 percent in the 4 weeks ending Decem-ber 27. An advance of nearly 4 percent marked the resumption of the upward farm price movement, which was retarded in the previous month by the seasonally heavy run of livestock. Aside from substantial declines in prices of fats and oils which have reacted with reduced export allocations and in the price of crude rubber, the movement of industrial prices has scored widespread advances which averaged more than 2 percent in last 4-week period of the year. An increase of \$0.50 per barrel for crude petroleum early in the month was followed by substantial advances in fuel oil and other petroleum products. Wholesale food prices maintained the high November level.

The temporary railroad freight rate increase of 10 percent granted in October was replaced by an interim 20 percent rise to be effective until June 30, 1948, when a final determination of rates will be made. This advance will have widespread price consequences.

Table 1.--Cash Farm Income

[Billions of dollars]

Period		arm inco overnme			Farm marketings and Commodity Credit Corporation loans						G	overnme	mment payments			
	Total			Crops			Livestock and livestock products						Durant			
	1935–39 average		1947	Percent change 1947 from 1946	1935-39	1946	1947	Percent change 1947 from 1946	1935-39	1946	1947	Percent change 1947 from 1946	average		1947	Percent change 1947 from 1946
First quarter Second quarter Third quarter Fourth quarter Annual	1.73 1.79 2.34 2.62 8.48	4.68 4.67 7.13 8.84 25.32	6. 26 6. 21 8. 24 9. 63 30. 34	+34 + 33 + 15 + 9 + 20	0.57 .50 1.09 1.26 3.43	1.68 1.40 3.46 4.31 10.85	2. 32 1. 96 3. 89 4. 96 13. 13	+38 +40 +12 +15 +21	1.01 1.13 1.17 1.23 4.55	2.762.963.474.4813.67	3. 79 4. 13 4. 32 4. 63 16. 87	+37 + 39 + 25 + 3 + 23	0. 14 . 15 . 08 . 13 . 50	0. 24 . 31 . 21 . 05 . 80	0. 15 . 12 . 03 . 04 . 34	60

Source: Bureau of Agricultural Economics, U.S. Department of Agriculture.

Table 2.—Change in Wholesale Prices From Week Ending Dec. 28,1946, to Week Ending Dec. 27, 1947

[Indexes 1926=100]

	Week e	ending	Percent change
	Dec. 28, 1946	Dec. 27, 1947	weeks end- ing Dec. 28, 1946–Dec. 27, 1947
All commodities	139.6	163.0	+16.8
Farm products	167.7	197.0	+17.5
Foods	159.1	177.8	+11.8
Commodities other than farm products and foods	123.9	146.0	+17.8
Hides and leather products	171.3	203.4	+18.7
Textile products	133. 3	146.9	+10.2
Fuel and lighting materials	97.0	127.7	+31.6
Metals and metal products	133.9	152.0	+13.5
Building materials		189.1	+22.3
Chemical and allied products	126.1	133.0	+5.5
Housefurnishings	120.5	135.3	+12.3
Miscellaneous	107.7	121.5	+12.8

Source: Department of Labor, Bureau of Labor Statistics.

Year-to-Year Price Change

The most recent advances of wholesale prices have extended the over-all year-to-year increase to 17 percent from the last week in December 1946. See table 2. In the industrial price area which rose 18 percent on the average, the sharp climb of fuel prices has pulled up the fuel and lighting price group by 32 percent while prices of building materials rose 22 percent. The dispersion of the other major industrial price groups from the average advance was relatively small, except for the chemicals and allied product segment which rose only 6 percent during the year. Industrial prices rose more slewly than farm and food prices in 1946 but have kept pace with the latter in 1947.

Many individual commodity price advances, of course, have been far greater than those registered by the more sluggish movements of the commodity indexes. These are illustrated in table 3, which gives the price change over the year for key commodities.

Table 3.—Year-end Spot Primary Market Prices of Selected Commodities

	Dec. 31, 1946	Dec. 31, 1947
Wheat, per bushel, Kansas City	$\begin{array}{r} .74\\ 21.63\\ 24.00\\ .27\\ .23\\ .25\\ .31\\ .19\\ 1.60\\ .33\\ 31.00\\ .19\end{array}$	$\begin{array}{c} \$2.93\\ 2.58\\88\\ 27.75\\ 31.25\\27\\23\\30\\32\\30\\38\\38\\38\\39\\38\\39\\39\\39\\39\\39\\39\\39\\31\\$
Lead, per pound, New York	:	13

Source: Department of Labor, Bureau of Labor Statistics.

Voluntary Anti-inflation Curbs Voted

Action on parts of the anti-inflation program was taken by the special session of Congress on December 19. The measure then passed provided for the extension of export and transportation controls for 1 year beyond next February 29 and the authorization of programs designed to conserve food and feed in this country and to stimulate food production abroad. The domestic conservation program is to include educational campaigns among farmers and the extension of power to limit use of grain by distillers until January 31 of this year. The act also provides for limited immunity from antitrust laws to permit voluntary agreements by industry with respect to priority allocations and inventory control of scarce materials. After consultation with industry representatives, the Federal Government will authorize the agreement. No agreement may provide for the fixing of prices.

Industrial Production

With demand pressures sustaining a broad sellers' market, the increase in production—even though not large—is of primary significance. In the final months of the year, industrial output recovered to a volume, as measured by the Federal Reserve seasonally adjusted index, slightly above the first quarter level of 189. This was 6 percent higher than in the third quarter (see table 4). For the year 1947, the increase over the fourth quarter rate of 1946 was about 3 percent.

Larger Steel Output

In some industries, notably those most affected by reconversion, more continuous operations in 1947 were made possible by a larger and more balanced flow of materials and component parts. However, in some metal products industries, such as automobiles, refrigerators, and freight cars, output was limited and at times curtailed by the availability of raw material supplies, notably steel. This basic material remained in rather tight supply throughout the year despite a record peacetime output. Over 84.5 million net tons of steel ingots-the equivalent of approximately 62 million tons of finished steel-were produced in 1947, an increase of over one-fourth from 1946 when work. stoppages in steel plants and coal mines cut deeply into the total output. In the final 3 months of 1947, steel ingot operations were stepped up nearly to rated capacity, with production totalling about 22.2 million tons-an annual rate of close to 89 million tons. This was less than 2 percent below the wartime peak of 22.6 million tons registered in the first quarter of 1944 when total steel-making capacity was about 2.5 million tons higher than now.

Table 4.—Industrial Production

[Seasonally adjusted indexes, 1935-39=100]

Total	Durable goods	Nondurable goods	Minerals
160 165 177 182 170 189 185 181 192 187	162 186 207 213 192 223 220 212 225 220 212 225 220	165 162 162 172 164 176 170 168 177 173	140 114 144 133 134 134 147 144 145 156
10. 0	14.6	5. 5	11.
	160 165 177 182 170 189 185 181 192 187	Total goods 160 162 165 186 177 207 182 213 170 192 189 223 185 220 181 212 192 225 187 220	Total goods goods 160 162 165 165 186 162 177 207 162 182 213 172 170 192 164 189 223 176 185 220 170 181 212 168 192 225 177 187 220 173

Preliminary.

Source: Board of Governors of the Federal Reserve System.

The volume of goods flowing from most of the reconversion industries exceeded any prewar year. This applies to many of the electrical appliances—washing machines, vacuum cleaners, electric ranges and radios—though not to refrigerators. In the large automobile industry, output was still below the prewar rate. United States production of about 4,790,000 cars and trucks in 1947 was exceeded by output in 1941 when 4,838,000 were turned out and in 1929 when 5,358,000 were produced. However, in the quarter just ended, assemblies of cars and trucks were at an annual rate of 5,200,000 units. In the railroad equipment group, deliveries of freight cars and all types of locomotives were the best in the last 20 years, excluding the war years. The table in the construction section shows the large rise in many building materials.

Nondurable Goods Industries

For the nondurable goods group generally, however, output for the year held only about even with the rate reached in the last quarter of 1946. In textiles, rayon deliveries expanded while cotton and wool manufactures went down. Clothing production declined substantially, primarily as a result of the sharp drop in the women's clothing industry. A drop also occurred in leather and products due to the reduced output of shoes.

With greatly enlarged facilities, output of rayon expanded to a new high as was the case in the manufacture of paper and paper products which also benefited from the larger supplies of wood pulp, chiefly as a result of increased imports. Likewise, large imports aided in meeting the domestic needs for newsprint. Plate glass, pneumatic casings and automotive replacement batteries were among the industries establishing new production marks.

Construction Developments

New construction volume of 1,215 million dollars in December brings the total new construction for the year 1947 to 12,878 million dollars, an increase of 30 percent above 1946. Cost increases throughout the year were principally responsible for the increase in value – an estimate of volume adjusted for price increase indicates that physical volume was probably 10 percent greater than in 1946. A less than seasonal decline in December coupled with

A less than seasonal decline in December coupled with similar deviations from the expected seasonal pattern in October and November have combined to make the fourth quarter activity the highest for the year. Preliminary data place the fourth quarter at 3,835 million dollars compared with almost 3,700 million dollars in the previous 3-month period, which is usually the highest quarter of the year.

The most important single contributor to construction volume in 1947 was the private residential segment which accounted for over 4.9 billion dollars, or 38 percent of total new construction. (See table 5.) Current estimates indicate that 860,000 new permanent nonfarm dwelling units have been started in 1947. In the inevitable comparisons with previous years, 1947 home building will apparently rank fourth in number of units provided in recent decades, following the years 1925, 1924, and 1923, in that order. If comparisons are made on other bases, such as number of dwelling units relative to the number of new families, 1947 would occupy a lesser position in this historical series.

Table 5.—New Construction Activity, Continental United States, 1947¹

1	Millions	of	dollars
	TATIUTORD	O 1	domanaj

Type of construction	1946	1947
Total new construction	9, 890	₽ 12, 878
Total private	7, 739	9, 878
Residential Norresidential Farm Public utility	3, 183 3, 350 350 856	4, 939 3, 181 450 1, 308
'Total public	2, 151	3, 000
Residential Nonresidential Military and naval Highway Conservation, miscellaneous public service and all other public.	387 319 181 706 551	175 517 200 1, 214 894

¹ Joint estimates of Department of Commerce and Department of Labor. ^{*} Subject to revision.

Construction Materials

Over-all production of construction materials for the first 10 months of 1947, as measured by the Department of Commerce Monthly Index of Production for Selected Construction Materials, has increased more than 10 percent above the corresponding period of 1946.

Eighteen of the twenty materials included in the Index have recorded higher output levels during the 10-month period of this year than last year. Hardwood flooring production at the end of October was almost double that for the same period of 1946, although lumber made the smallest production gain over the 1946 period—2 percent. Output of the materials which lost ground (mechanical stokers and galvanized range boilers) was substantially below the 1946 rate.

Despite the high production, several materials still remain in tight supply. The difficulty of obtaining wire nails has recently come under Congressional scrutiny. Most steel products have been in short supply relative to demand throughout most of 1947 with sheet and strip remaining the tightest of all steel items.

A similar situation prevails among important nonmetallic building materials. Millwork, for example, continues to be in very short supply and hardwood flooring, despite higher output than in any year since 1926, was hard to get during all of 1947.

Table 6.—Production of Building Materials and Equipment

Material	Unit of mea- sure	January- October 1947	January- October 1946	Percent change
Lumber Hardwood flooring Brick Cement Cast iron soil pipe Fabricated structural steel Wire nails Concrete reinforcing bars Plywood (softwood) Asphalt prepared roofing Gypsum board (excluding lath) Gypsum lath Mechanical stokers Galvanized range boilers	Million 000 bbls Tons do 000 sq. ft 000 sq. sg. Mm. sq. ft do Units		$\begin{array}{c} 29, 361\\ 285, 321\\ 4, 033\\ 133, 913\\ 319\\ 1, 252, 263\\ 468, 155\\ 970, 320\\ 1, 189, 474\\ 50, 306\\ 1, 618\\ 929\\ 164, 301\\ 785, 117\\ \end{array}$	$\begin{array}{r} +1.9\\ +96.5\\ +2.3\\ +14.7\\ +53.0\\ +23.3\\ +49.9\\ +23.3\\ +18.0\\ +16.5\\ +6.9\\ +6.9\\ -63.7\\ -29.6\end{array}$

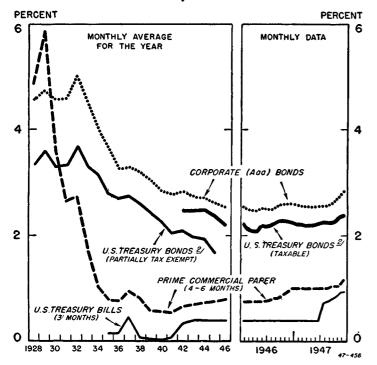
Although cement output probably reached an all-time high last year (approximately 185 million barrels), cement stocks are far below the average of the last 20 years. It appears certain that output of cast iron soil pipe and fittings reached a new peak in 1947, about 60,000 tons higher than the previous record. However, soil pipe has been reported in scarce supply more frequently than most other building materials in which shortages were known to exist.

Rise in Interest Rates

The firming of interest rates which has been evident in the last 18 months received impetus from the action of monetary authorities in dropping the support level of Government bonds toward the end of 1947. Designed to act as a check on the expansionary trends of money and credit, and to bring about internal adjustments in the interest rate structure, this action resulted in a general rise in medium and longterm interest rates. The advance was relatively sharpest in Government "intermediate" maturity issues (issues having 7–9 years to run to maturity).

The downward trend of prices of long-term United States securities was reflected throughout almost all of the bond market. Interest rates on short-term issues were not immediately affected to an equal degree, but it will be remembered that a substantial upward adjustment in interest cost of short-term financing was initiated in mid-1947, as the Federal

Chart 2.—Long-Term Bond Yields and Short-Term Money Rates ¹



¹ Bond yields are averages of daily figures. Rates on prime commercial paper are averages of weekly prevailing open-market money rates in New York City. Rates for Treasury bills are averages for new issues offered within the period.
 ² Represents yields on bonds neither due nor callable for 15 years. The partially tax-exempt series was discontinued December 15, 1945, because there were no longer bonds of this classification due or callable in 15 or more years.

Sources of data: U. S. Treasury Department; Board of Governors of the Federal Reserve System; and Moody's Investors Service.

authorities altered the ³/₈-percent rate on Treasury bills which had been maintained throughout most of the war and postwar periods. (See chart 2.)

Bank Lending Power Continues High

The lower support prices recently established for long-term Government bonds are still at or above par. The differential between current prices and par, however, has been virtually eliminated or greatly reduced. This is of particular significance in the light of official pronouncements which insure the maintenance of a 2½ percent rate on long-term securities in the foreseeable future. This means in effect that further steps to control credit expansion through actions to raise long-term interest rates are largely circumscribed under present legal powers of the monetary authorities.

The inadequacy of these powers is highlighted by two major facts. The first of these is the still very large supply of Government securities which commercial banks have available for sale to central bank authorities if they should so decide. By the end of October 1947, commercial banks held over 70 billion dollars of Government securities. By selling, which the banks are free to do, some of these securities to the Federal Reserve banks, funds can be made available for private lending.

The second consideration, pointing up the present limitations on control powers (in the absence of a substantial further decline in Government bond prices), is the inflow of gold holdings to the United States. In the past year, this increase—adding to loanable funds of banks—amounted to 2.2 billion dollars. A continuation of a sizable inflow would make still more difficult the problem of credit control.

There is, however, one important factor tending to make for tighter credit in the months immediately ahead—the heavy Federal income tax receipts expected in the next 6 months. During the first 6 months of the calendar year, Federal receipts usually run above those of the last half. In 1947, for example, budget receipts during the first 6 months were about 5.5 billion dollars more than in the last 6 months.

The disposition of any Federal surplus is of particular importance in controlling monetary inflation. In general, the withholding of a Federal surplus of receipts, drains funds from the private sector. The same generalization holds, if these funds are used to retire Federal debt held by the Federal Reserve System, since the realization of the surplus reduced private money holdings while such retirement of debt does not increase the commercial banks' ability to lend. When the surplus is used to buy bank-held Federal issues, the action is likewise in the direction of controlling monetary expansion, since even though banks may get back money which had been previously been paid in taxes, they do so concurrently with a reduction in Federal security holding which are a potential source of credit expansion.

These methods of using the expected Federal surplus of cash receipts will undoubtedly be most important in the months ahead, and hence may be presumed to exert a contra-inflationary pressure. Whether such use of the Federal surplus will be sufficient to curb the expansionary monetary trend will however at bottom depend on the actions taken by banks to lend to business and on business' willingness to borrow at the higher interest charges which are being currently asked.

Corporate Sales and Profits in the Third Quarter

In the last month's issue the national income data were presented, giving the summary figures on corporation profits through the third quarter of 1947. The latter are based upon a sample of publicly available corporation returns from which data have now been compiled for this same period on corporate sales and profits for broad industry groups. The estimates are presented in table 7.

The third quarter corporate profit aggregates show virtually no change from the second quarter level, notwithstanding an estimated increase of almost 1¾ billion dollars in corporation sales. The stability of total profits in this particular quarter of rising dollar sales was largely due to the increase in wages and salaries from the second to the third quarter, pointed out in last month's summary of the changes in national income by distributive shares. At seasonally adjusted annual rates, profits approximated 27½ billion dollars before taxes and 16½ billions after taxes in both the second and third quarters of this year. These estimates include inventory profits which, throughout 1947 with the rising price level, have been an important factor in the advance of reported profits. At an annual rate this element of reported profits has been estimated at from 4 to $4\frac{1}{2}$ billion dollars in the second and third quarters of 1947 (table 2, p. 4, December SURVEY).

It should be kept in mind with reference to table 7 that the corporate sales estimates included are gross; that is, they include interbusiness transactions and thus to a large extent represent a duplicated count. This is so since the sales of each firm entering into the corporate total include not only the value added by it, but also the value of the materials [Millions of dollars]

	Corpor	ate sales	Corporate prof- its before taxes		Corporate prof- its after taxes	
	Second quarter	Third quarter	Second quarter	Third quarter	Second quarter	Third quarter
All industries, total 23	73, 641	75, 301	6, 874	6, 888	4, 158	4, 173
Mining Matal industries 4 Other manufacturing Wholesale and retail trade Finance, insurance, and real estate 3 Transportation Communications and public utilities All other industries 5	1, 528 40, 563 14, 256 26, 307 22, 229 3, 506 2, 085 3, 730	1,65540,96913,72427,24522,9553,5702,1683,984	$196 \\ 4, 110 \\ 1, 364 \\ 2, 746 \\ 1, 161 \\ 463 \\ 277 \\ 312 \\ 355$	199 4, 144 1, 355 2, 789 1, 147 475 273 270 380	$ \begin{array}{r} 141\\ 2, 461\\ 796\\ 1, 665\\ 685\\ 289\\ 169\\ 190\\ 223 \end{array} $	$144 \\ 2, 494 \\ 791 \\ 1, 703 \\ 676 \\ 296 \\ 161 \\ 165 \\ 237 \\$

¹ Quarterly profits estimates for 1945 and 1946 for the same industrial break-down as above were published in the Survey for June 1947, p. 10; and for the first 2 quarters of 1947 in the Survey for October 1947, p. 24. Annual profits estimates by industry, 1929-46, were published in the National Income Supplement to Survey of Current Business for July 1947, pp. 30-32. Concepts and methodology have been described in "Trend of Corporate Profits, 1929-45," Survey, April 1946, pp. 11-12. The principal change made since that statement was prepared has been to adjust for tax credits flowing from the carry-back of unget excess-profits tax credits and net operating loss; that is, these tax credits were added to profits after taxes in those years to which the tax credit was carried back.
² Total profits for all industries include the adjustment for the net flow from abroad of dividends and branch profits.
³ Sales figures exclude the industrial division of finance, insurance, and real estate. Presentation of sales data for these industries would be misleading in view of the large part of their receipts which is in the form of property income.
⁴ Metal industries comprise iron and steel, nonferrous metals, machinery (except electrical), electrical machinery, transportation equipment (except automobiles).

purchased from other firms, which is already included in the sales of those other firms.

For this reason aggregate figures on income originating in corporate business were presented through the first half of 1947, in the October issue of the SURVEY, page 24. That tabulation showed the comparative trend of the various segments of income originating. Such data are not available by lines of business.

Variation by Broad Groups Slight

The experience of the major industrial divisions in the third quarter, for the most part, did not differ significantly from the all-industry total. More variation occurred among the smaller industry groups, although generally the quarter

was one of high earnings in line with the high level of labor and entrepreneurial incomes and of consumer and business The profit decline in the communications and spending. public utilities group reflected principally the experience of the electric utility companies, where controlled prices for services under conditions of rising costs make difficult the maintenance of profit rates. The telephone industry showed a small increase over the second quarter when a strike affected operating results, but its current quarterly profits remain substantially below those of 1946.

Profits of the metal manufacturing industries have varied but little so far this year. This situation reflects a greater degree of stability of operations than existed last year when reconversion problems were particularly acute in this segment of the economy. In general, the demand for the products of these industries has continued very high, as evidenced by the rate of domestic expenditures on producers' durable equipment which as earlier mentioned has been running at the rate of 18 billion dollars per annum. In addition, export demand likewise has continued very high (see table 1, p. 8, November 1947 SURVEY).

The high rate of expenditures for producers' equipment, plus the expenditures for industrial buildings means that corporations have continued through the end of the year to draw heavily upon outside funds to finance expansion. This is so notwithstanding the large increase over a year ago in the funds available from internal sources—from retained earnings and depreciation allowances. So far, funds required for this expansion have been readily available, though recently at rates not quite so favorable as those a year or so ago. The shift in interest rates is discussed elsewhere in this issue, as are the results of the most recent survey of plant and equipment expenditures.

As has been true in past periods of peak activity, a large volume of capital expenditures, financed in part by drawing upon the credit market, is an outstanding feature at the present time. In 1947, such capital demands were reinforced by the large export surplus which is a reflection of large rehabilitation needs abroad, and of the necessity of meeting current consumption needs to an unusual extent through imports because of the effects of war and its aftermath upon the productive resources of Europe. The extent to which these needs are being financed by the Government is familiar to readers of the SURVEY.

Plant and Equipment Expenditures of U.S. Business

Outlays on new plant and equipment planned by American business, exclusive of agriculture, will approximate 4.1 billion dollars in the first quarter of 1948, according to the reports submitted by business concerns in the regular quarterly survey. As shown in table 8, this amount is somewhat below the volume of expenditures planned for the fourth quarter and about the same as actual outlays in the third quarter.

First Quarter 1948 Expenditures Decline Seasonally

Seasonal factors are probably responsible primarily for the anticipated decline of more than 300 million dollars in new capital outlays from the 4.4-billion-dollar figure in the fourth guarter of 1947. Planned expenditures by manufacturing companies for the first quarter of 1948 are estimated at 1.8 billion, or 44 percent of the total for all industry. This amount is about 10 percent under the expenditures for the fourth quarter of 1947. Mining and electric and gas utilities plan to spend slightly less on new plant and equipment in the first quarter than in the fourth quarter. Commercial and miscellaneous companies and transportation companies, including railroads, report that they expect to spend about the same amount as in the fourth quarter.

Percentagewise, the estimated first quarter drop in 1948 is intermediate between the decline in actual expenditures from the last quarter of 1945 to the first quarter of 1946, and from the last quarter of 1946 to the first quarter of 1947. However, the decline in capital outlays for early 1948 anticipated by businessmen in late 1947 is somewhat larger than the decline anticipated in the corresponding periods of the preceding 2 years. In view of experience with seasonal difficulties in construction and deliveries in the precious 2 years, businessmen may have made more adequate allowances for this factor in their preliminary estimates for the first quarter of this year than they did a year ago.

Table 8.-Expenditures on New Plant and Equipment by U.S. Business ¹

[Millions of dollars]

	m++-1			1947			1948
Industrial group	Total 1946	Jan Mar.	Apr June	July– Sept.	Oct Dec. ²	Total 2	Jan Mar.²
Manufacturing Mining	5, 910 560	1, 450 150	1, 850 160	1, 870 180	2, 040 190	7, 210 670	1, 810 170
Railroad	570	160	220	230	370	980	360
Other transportation	660	180	230	200	200	810	190
Electric and gas utilities	1,040	330	450	500	550	1,820	490
Commercial and miscellaneous ³	3, 300	900	1, 030	1, 160	1,100	4, 190	1,080
Total: Actual	12, 040	3, 160	3, 940	4, 140			
Second estimate 4	11.960	3, 440	3,670	4,070	4,440	15,680	
First estimate 4	11,020	3,640	3, 560	3, 770	4,020	15, 180	4,100

 Excluding agriculture.
 Estimates based on anticipated capital expenditures of business.
 Includes trade, service, finance, and communications.
 In reporting actual figures for each quarter business concerns also give estimates of similar outlays planned for the 2 quarters following. The second estimate is thus a revision of the first self-time. first estimate.

NOTE.—Figures are rounded and will not necessarily add to totals. Source: U. S. Department of Commerce and Securities and Exchange Commission.

Capital Outlays in 1947 at New High

After an initial decline in the first quarter of 1947, dollar outlays for new plant and equipment increased steadily throughout the year, continuing the upward trend which began at the end of the war. Increased costs were a major factor here as elsewhere throughout the economy in 1947.

In the third quarter actual expenditures rose to 4.1 billion, with anticipated expenditures for the fourth quarter being

upped in the latest survey to 4.4 billion. If planned expenditures for the fourth quarter were carried out, a total of 15.7 billion dollars was spent in the year 1947, approximately 30 percent over the amount expended in 1946. Compared with prewar, expenditures in 1947 were some 90 percent higher than in 1941 and 70 percent above 1929. Even if adjustment were made for the substantial price increase, expenditures during 1947 would nevertheless be higher than in both those years.

The actual amount expended by industry on new plant and equipment during the third quarter of 1947 was about the same as had been previously anticipated. Most industrial groups showed expenditures about equal to those planned, except railroads and other transportation companies whose expenditures were less than had been anticipated.

The second estimate of planned expenditures for the fourth quarter was more than 10 percent above the first. Larger expenditures for machinery and equipment by the manufacturing and commercial groups were particularly important in the upward revision of the estimated outlays for the fourth quarter. This increase in the dollar value of expenditures is probably due in part to higher prices.

Expenditures for Used Plant and Equipment Down

Current reports for the first quarter of 1948 indicate a continued dwindling of the magnitude of expenditures for used plant and equipment. Such outlays may be considerably less than 100 million dollars in the first quarter, unless the total should be influenced by large individual transactions not foreseen at present.

Revised Estimates of Retail Sales, 1946–47

Analysis of retail sales data, to adjust for the postwar growth in the number of operating establishments in trade, has yielded substantial improvement in estimates of sales volume during 1946 and 1947. The revisions presented here have been incorporated for the most part in the estimates of consumption expenditures published in the National Income Supplement to the Survey of Current Business for July 1947. The adjustments thus serve to bring into line the retail sales and consumption expenditure series for 1946 and 1947.

Methods of Estimation

The basic methods used in estimating retail sales were described in detail in an article that appeared in the SURVEY OF CURRENT BUSINESS in November 1943. The procedures there set forth were followed and, in addition, supplementary data on the formation of new establishments in the postwar period were utilized to provide a basis for estimating the business handled by the new firms which have not been adequately represented by the samples of reporting stores.

Monthly Reported Data

Monthly estimates of retail sales are based in large part on sales of samples of identical independent stores, and of identical chain firms reporting to the Bureau of the Census. It is recognized, however, that data from samples of identical independent stores-and also, to a lesser extent, of identical chain firms—have to be supplemented by other data in order to secure the estimated sales of all stores.

Supplementary Data

The supplementary material used to correct the trend figures have been the data from the States which have sales taxes, and annual surveys such as the report on drug store sales mentioned below. In the present revision, use has also been made of the data available quarterly on the establishment of new firms.

The Bureau of the Census has been conducting experiments to develop a scientifically chosen sample from which to derive sales figures for the country as a whole. The report-* ing sample has thus been undergoing considerable change and has not yet provided the firm sampling basis which is the objective of the change.

While the use of data, other than the monthly reported statistics, to determine both the level and trend is required at all times, it is doubly necessary in a period of rapid change such as characterized the past 2 years. During this period the establishment of new stores has been especially important. The extent of this increase may be observed from table 9.

Table 9.—Percent Increase in Number of Operating Firms

[Dec. 31, 1945, to June 30, 1947]

All retail stores	17
Home furnishings group	41
Automotive group	38
Building materials and hardware group	28
Filling stations	18
Eating and drinking places	15
Food group	13
Apparel group	13
Drug stores	- 9
General merchandise group	5

The largest percentage gains in the number of operating firms in the 18-month period ended June 30, 1947, occurred in the durable-goods groups. The number of firms in the home, furnishings and automotive groups was up about 40 percent; for building materials and hardware stores the increase was nearly one-third.

The rise for establishments selling nondurable goods was less marked though substantial. In eating and drinking places, filling stations, and the apparel and food groups, the increase was about a sixth; for drug stores and the general merchandise group, less than a tenth.

These data have been analyzed to aid in developing a method of measuring the net increase or decrease in sales that may be accounted for by the turn-over in store population. The studies are still incomplete but partial results available from these studies have been incorporated in the present revision of the automotive group. The results of further analyses will be discussed in detail at a later date.

Sales Tax Data

Sales tax data, while subject to limitations, form a very valuable addition to retail trade information. Because they reflect changes in total sales in a given State, rather than those of a sample of identical reporting establishments, they automatically adjust for turn-over in the retail trade population. Moreover, sales-tax returns are mandatory. Consequently, changes in sales based on reports of tax collections in salestax States may be compared with changes in sales based on reports from a sample of identical establishments in order to correct for inherent biases. For the present revision, sales-tax data through the first half of 1947 were analyzed in detail, and continued use will be made of quarterly sales tax figures to determine the sales level.

Primary reliance is placed on the use of quarterly sales tax collections in 12 States. The States used are California, Colorado, Illinois, Iowa, Kansas, Michigan, Mississippi, Missouri, Ohio, Oklahoma, Washington, and West Virginia, which, according to the 1939 Census of Business, accounted for 35 percent of all retail sales in the United States.

Recently the States of Connecticut and Maryland have instituted sales-tax programs, but data from these States will not be usable for some time. There are a number of other States, as well as the city of New York, which levy sales taxes. Because of the limitations of their reports it has not been possible, thus far, to incorporate data from these sources.

The use of sales-tax data in estimating total sales is subject to a number of limitations. Certain States tax cash receipts instead of the total sales value of products sold. This tends to reduce the amplitude of cyclical fluctuations in the reported data for those businesses, such as home furnishings stores, where instalment selling is important. It would thus play a significant role at present when the amount of instalment selling relative to total sales is changing markedly. To allow for this, a correction based on the net change in debt outstanding has been applied to sales-tax data for home furnishings stores in those States for which the tax is collected on each instalment rather than on the total purchase price at the time of sales.

Other limitations of sales-tax data for determining change in total sales are the possibility of a geographical bias due to the use of a small group of States, problems of classification of stores by kind of trade, tax exemptions, etc. However, it is believed that in the revised estimates these weaknesses have been minimized to the greatest extent possible.

Other Sources

In addition to sales-tax data, other sources of information are used. Sales of drug stores, beginning with 1943, have been adjusted to the level established in a regular survey of the trade made by the Office of Business Economics in cooperation with the A. C. Nielsen Co. A complete description of a study of this type appeared in the SURVEY OF CURRENT BUSINESS for November 1944.

Extent of Adjustment

The upward adjustment effected by the revision of the retail sales figures for the 18-month period ended June 30, 1947, amounted to about 5 percent in the aggregate, with the durable segment raised 11 percent and nondurables 3 percent. In general, the groups of stores showing large increases in the number of firms were also those for which large adjustments in sales were necessary. The largest relative upward revisions among the durables

The largest relative upward revisions among the durables were in the automotive and home furnishings groups, with filling stations among the nondurables showing a change of similar proportions.

In the apparel and drug groups small negative adjustments were made. The possibility of a negative adjustment stems from the fact that small bias adjustments based on past experience were already included in the preliminary sales figures.

Beginning with this issue of the SURVEY, the revised figures on retail sales will appear in the tables customarily presented on pages S-7 and S-8. The following review of 1947 utilizes the new data.

Retail Sales Trends in 1947

As noted in chart on page 1, retail sales, which have been rising steadily since 1939, showed their sharpest increase in the two years following the end of the war. Fourth quarter retail sales in 1947 are estimated at an annual rate of 124 billion dollars. This level of sales is, at an annual rate, almost three times the total for the year 1939.

Total retail sales for the entire year 1947 are estimated at about 118 billion dollars compared with a little over 100 billion in 1946. For the monthly movement throughout the year see chart 3.

Prices Account for Most of Rise

The upward surge in dollar sales since the war reflects the increase in physical volume of goods moving through retail channels, but to an even greater extent it reflects the rapid advance in prices which marked the period after price controls were removed in the middle of 1946.

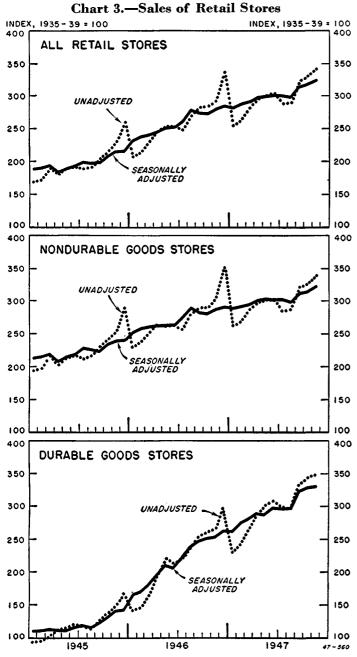
Considerable caution must be exercised, even in normal times, in utilizing the retail store price index as a tool for evaluating changes in volume from dollar figures. This index is based upon price series of goods sold at retail stores. In some store groups, prices are available on very few of the manifold lines of goods sold; for some of the groups no adequate price data are available, and the choice of representative series is somewhat arbitrary.

Further problems arise at the present time. The effect of the disappearance during the war, and subsequent reappearance, of certain lower-price lines—and, in some case, of complete lines of goods—as well as changes in the quality of products, are not measured in existing series. Careful appraisal of these and other qualifying factors must be made before drawing conclusions from results derived by using the price series to deflate dollar sales.

As was stated in the National Income Supplement, the Office of Business Economics is working on the development of a method of adjusting dollar expenditures to eliminate the influence of price changes. Conceptual as well as practical difficulties of measurement have not yet been overcome. Until they are, only general conclusions are possible and such conclusions have to rely more upon physical series of production than upon available price measures.

Variations by Lines of Trade

While the total dollar value of sales was moving rapidly upward in 1947, considerable variation was evident in in-



Source of data: U. S. Deparment of Commerce, Office of Business Economies.

dividual lines of trade. In the chart on page 1 the relative changes in sales for 1947 over 1946 are shown for major groups of retail stores.

Automotive Group Shows Largest Increase

Reflecting the greater availability of goods and the continued pressure of demand throughout the year, the durable goods groups showed the largest proportional increase in sales for the year. Outstanding was the automotive group, including automobile dealers and parts and accessory stores. For the year 1947, factory sales of new passenger cars in the domestic market are estimated at 3½ million, about 75 percent more than in 1946.

Total sales in this group reached 11.9 billion dollars, more than half again as much as in the previous year. Retail sales of automobiles, parts, and accessories exceeded for the first time the previous high established in 1941, with sales in 1947 topping those in 1941 by almost 40 percent. However, after adjustment for the increase in prices the physical volume of goods sold in this group was still below 1941.

Home Furnishings and Building Materials

Sales of home furnishings and building materials and hardware stores were about a third above the previous year. While there were still tight areas in this field—and products with specific brand names were not always available—supply was generally much improved.

The 1947 sales total for home furnishings stores was about 6.8 billion dollars; building materials and hardware store sales reached 8.8 billion.

Jewelry Store Sales Less

Jewelry stores were the only group in which sales in 1947 were below the previous year, with 1947 sales estimated at 1.3 billion dollars, or about 3 percent below the 1946 total. Following a downward trend from the previous summer and fall, the general level of sales throughout the year 1947 was about 7 percent below the level reached in the middle of 1946.

Some reports from jewelers seem to indicate that the highest priced luxury items were most affected. It is possible that the appearance in greater quantity of goods in the middle and lower price brackets has accounted in part for this apparent downward drift.

Nondurable Sales Show Smaller Increases

As compared with 1946, the nondurable goods groups in general recorded smaller increases in sales than did the durables. While all of the major groups recorded gains, only two showed substantial rises in sales.

Sales of filling stations, following in the wake of the increase in new car sales and the greater availability of parts and accessories to keep older cars in working condition, rose to 5.2 billion dollars in 1947. This amount was 28 percent above the previous year.

Food store sales, which had risen 5.4 billion dollars in 1946, went up 5.8 billion—or 23 percent—in 1947 to a total of 31.3 billion dollars. Practically all of this increase was due to rising prices.

Apparel and General Merchandise Store Sales

The 9.2 billion dollars spent by consumers at apparel stores in 1947 was only slightly above the 1946 total. Taking into consideration the price rise for the year, the physical volume of apparel sold was considerably below the previous year.

Sales in the general merchandise group, dominated by department stores, were about 15.7 billion dollars, or 8 percent above a year ago. This gain for the most part reflects increased sales of appliances and furniture, which account for a substantial part of all department store sales.

Drug Stores and Eating and Drinking Places

In these two groups, sales have tended to level off since the latter part of 1946. Sales at eating and drinking places for 1947 are estimated at 12.5 billion dollars or about the same as in the previous year. Since the price rise here has been substantial, a significant decline in food consumption at such establishments is implied. This is borne out, for example, by the drop in business at night clubs. Recent figures on Federal tax collections at night clubs, cabarets, etc., show a continuation of the decreases that had begun in the middle of 1946.

Drug store sales were up about 3 percent, the level of sales throughout the year being about the same as that reached in the fourth quarter of 1946. During the war, drug stores tended to assume the character of variety stores, with drugs and related products becoming of less importance in terms of sales volume. This stability of drug store sales in the past year may be accounted for in part by the increase in the number of retail outlets selling appliances and specialty products.

	Ţ					Sale	es (millio	ns of dolla	rs), 1946					
Kind of business	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Total	Monthly average
All retail stores	6,715	6, 438	7,602	7,912	8,207	8,005	8.075	9,071	8,633	9.343	9,463	10, 792	100.255	8,355
Durable goods stores		1,076	1, 330	1, 543	1,778	1,669	1.779	1,959	1,922	2,158	2,077	2,332	20, 756	1,730
Automotive group	375	335	410	509	660	579	687	776	774	865	823	846	7,639	637
Motor vehicles	260	232	285	376	516	435	544	626	635	714	675	679	5,977	498
Parts and accessories	1 115	104	$\overline{125}$	134	144	144	143	150	139	151	148	166	1,662	139
Building materials and hardware group	393	368	478	548	582	556	582	618	598	672	617	601	6,612	551
Building materials	253	227	293	338	359	342	364	394	388	435	392	351	4, 137	345
Farm implements	40	- 38	50	58	63	57	62	58	52	64	56	51	649	54
Hardware	100	103	135	151	161	157	155	165	157	173	169	200	1,826	152
Home-furnishings group	_ 286	298	356	393	430	426	419	465	454	514	507	614	5, 162	430
Furniture and housefurnishings	198	213	257	282	306	293	278	305	300	333	331	381	3, 477	290
Household appliances and radios	88	85	99	111	124	133	142	160	154	181	176	233	1,685	140
Jewelry stores		76	85	94	106	109	91	100	95	106	130	272	1,343	112
Nondurable goods stores		5,362	6.272	6, 368	6,429	6, 336	6, 296	7,112	6,711	7.184	7, 386	8.460	79, 499	6,625
Apparel group	.1 572	562	754	816	717	731	549	707	779	848	855	1.090	8, 981	748
Men's clothing and furnishings	128	124	163	193	174	186	130	163	192	220	236	318	2.227	186
Women's apparel and accessories		273	379	376	328	312	241	316	350	373	363	449	4, 033	336
Family and other apparel		75	97	107	96	101	79	103	109	122	129	163	1.262	105
Shoes	.l 90	90	116	139	119	132	100	125	129	134	127	159	1,459	122
Drug stores	_ 267	251	274	277	292	291	290	298	286	298	301	394	3, 520	293
Drug stores Eating and drinking places	938	852	994	988	1.052	1.041	1.063	1.120	1,094	1,114	1.047	1,060	12,362	1,030
Food group	1,861	1.773	1.986	1,934	2,022	2,009	2, 160	2,495	2,150	2,267	2, 395	2,504	25, 555	2, 130
Food group Grocery and combination	1,422	1,366	1, 531	1,470	1, 544	1,540	1.656	1,955	1,647	1,735	1,866	1,961	19,694	1,641
Other food	439	407	^{-'} 455	464	477	469	504	540	502	532	529	543	5, 861	488
Filling stations	286	252	294	302	329	339	368	398	366	387	371	371	4,066	33.9
General merchandise group	870		1, 119	1,194	1,153	1,133	1,016	1,201	1,196	1,348	1,483	1,925	14, 533	1, 211
Department including mail order	. 563	586	752	789	760	745	637	784	806	906	1,016	1,277	9,621	802
General, including general merchandis		1				1								
with food	1 111	110	128	140	141	134	140	148	139	154	155	176	1,676	140
Dry goods and other general merchandise	- 92	90	109	117	117	118	109	122	120	137	141	191	1,463	122
Variety	104	110	129	149	135	136	131	146	131	151	171	281	1,773	148
Other retail stores	. 788	775	850	858	864	792	849	892	841	921	933	1, 117	10,482	873
Feed and farm supply] 206		247	260	254	217	243	230	215	229	220	220	2,753	229
Fuel and ice	186		147	118	112	91	136	156	150	166	160	175	1,767	147
Liquor	135	136	151	154	158	148	150	160	144	162	179	234	1,912	159
Other		258	305	324	341	335	319	346	332	365	374	489	4,050	337
						Indexes (of sales ()	1935 - 39 = 10	0)					
									-/					

Other	1				•	300 1		Indexes	of sales (19	35-39=10)0)	· · · · · ·				4,000 [
	U	nadjuste	ed			D				Adju	sted						
Year and month	All retail stores	Dur- able goods stores	Non- durable goods stores	All retail stores	Total	Auto- motive group	rable good: Building materials and hard- ware group	Home furnish- ings group	Jewelry stores	Total	Apparel group	Drug stores	Iondurable Eating and drinking places	Food group	Filling stations	General merchan- dise group	Other retail stores
1942: January February March April June July August September October November December Year Year	140. 8 147. 0 144. 5 139. 7 143. 8 157. 0 159. 5	$\begin{array}{c} 102.\ 5\\ 98.\ 0\\ 105.\ 4\\ 112.\ 8\\ 113.\ 0\\ 105.\ 4\\ 97.\ 9\\ 97.\ 3\\ 102.\ 5\\ 101.\ 7\\ 98.\ 5\\ 108.\ 5\end{array}$	140. 7 140. 3 151. 2 157. 9 158. 1 157. 3 153. 3 159. 0 174. 8 178. 3 181. 1 212. 7	$\begin{array}{c} 149.\ 1\\ 144.\ 4\\ 144.\ 4\\ 147.\ 0\\ 146.\ 1\\ 143.\ 8\\ 147.\ 0\\ 148.\ 2\\ 152.\ 0\\ 154.\ 4\\ 153.\ 9\\ 154.\ 0\\ 148.\ 8\end{array}$	$\begin{array}{c} 125.\ 5\\ 116.\ 8\\ 112.\ 1\\ 109.\ 4\\ 99.\ 4\\ 97.\ 2\\ 97.\ 5\\ 98.\ 6\\ 98.\ 0\\ 94.\ 5\\ 92.\ 5\\ 103.\ 6\end{array}$	$\begin{array}{c} 89.\ 4\\ 69.\ 7\\ 58.\ 2\\ 53.\ 3\\ 53.\ 3\\ 53.\ 4\\ 51.\ 9\\ 50.\ 1\\ 48.\ 3\\ 47.\ 9\\ 46.\ 6\\ 45.\ 9\\ 55.\ 1\end{array}$	$\begin{array}{c} 169, 6\\ 172, 9\\ 172, 1\\ 174, 7\\ 167, 1\\ 152, 1\\ 147, 3\\ 146, 1\\ 149, 8\\ 147, 9\\ 138, 9\\ 138, 9\\ 130, 6\\ 155, 2\end{array}$	$\begin{array}{c} 159.\ 0\\ 164.\ 2\\ 174.\ 4\\ 169.\ 6\\ 154.\ 8\\ 143.\ 8\\ 137.\ 8\\ 145.\ 4\\ 150.\ 1\\ 151.\ 0\\ 149.\ 1\\ 149.\ 2\\ 153.\ 8\end{array}$	205. 9 212. 4 214. 6 217. 6 217. 1 220. 5 246. 3 268. 3 264. 3 264. 3 261. 2 276. 2 244. 5	$\begin{array}{c} 156.\ 8\\ 153.\ 4\\ 154.\ 9\\ 159.\ 2\\ 159.\ 5\\ 158.\ 3\\ 163.\ 2\\ 164.\ 7\\ 169.\ 4\\ 172.\ 8\\ 173.\ 3\\ 174.\ 0\\ 163.\ 6\end{array}$	$\begin{array}{c} 166.\ 1\\ 151.\ 4\\ 169.\ 7\\ 162.\ 9\\ 153.\ 6\\ 168.\ 8\\ 170.\ 9\\ 177.\ 3\\ 177.\ 5\\ 180.\ 0\\ 188.\ 2\\ 169.\ 3\\ \end{array}$	$\begin{array}{c} 138.\ 2\\ 139.\ 8\\ 140.\ 8\\ 142.\ 9\\ 144.\ 2\\ 146.\ 8\\ 152.\ 6\\ 158.\ 2\\ 157.\ 8\\ 163.\ 3\\ 162.\ 8\\ 165.\ 6\\ 151.\ 6\end{array}$	$\begin{array}{c} 178.\ 0\\ 182.\ 4\\ 193.\ 9\\ 197.\ 3\\ 200.\ 7\\ 207.\ 2\\ 208.\ 9\\ 214.\ 0\\ 225.\ 0\\ 224.\ 1\\ 227.\ 0\\ 204.\ 2\end{array}$	$\begin{array}{c} 154.\ 9\\ 155.\ 3\\ 155.\ 5\\ 163.\ 9\\ 166.\ 7\\ 170.\ 2\\ 171.\ 2\\ 174.\ 7\\ 179.\ 5\\ 180.\ 9\\ 183.\ 7\\ 168.\ 5\end{array}$	148.9 137.3 123.5 127.0 127.8 120.1 119.2 114.9 118.3 114.0 123.1 89.8 121.4	$\begin{array}{c} 145.\ 0\\ 136.\ 3\\ 138.\ 0\\ 139.\ 3\\ 136.\ 3\\ 134.\ 5\\ 141.\ 8\\ 144.\ 0\\ 148.\ 6\\ 150.\ 3\\ 149.\ 5\\ 152.\ 3\\ 143.\ 6\end{array}$	169, 4 172, 4 173, 1 178, 2 186, 1 177, 5 175, 5 179, 1 188, 0 191, 8 185, 6 191, 7 180, 9
January February March April June July July August September October November December Year	148.5 151.8 162.8 160.4 167.0 156.2 161.2 173.2 174.6 178.7 205.5	74. 2 78. 5 87. 2 100. 1 104. 3 103. 3 99. 3 100. 2 104. 0 104. 6 106. 1 117. 1	157.9 171.3 172.8 183.2 178.7 187.8 174.8 181.1 195.7 197.4 202.3 234.3	$\begin{array}{c} 154.5\\ 164.7\\ 158.6\\ 160.9\\ 159.9\\ 166.8\\ 164.9\\ 166.2\\ 167.7\\ 169.4\\ 170.3\\ 170.7\\ 164.7 \end{array}$	91.8 94.6 93.6 98.0 97.2 97.9 99.4 100.7 100.3 100.9 101.8 100.4 98.2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 132.\ 1\\ 136.\ 4\\ 130.\ 4\\ 132.\ 7\\ 131.\ 3\\ 134.\ 5\\ 135.\ 3\\ 142.\ 3\\ 140.\ 9\\ 143.\ 8\\ 144.\ 5\\ 142.\ 4\\ 137.\ 5\\ \end{array}$	$\begin{array}{c} 137.\ 7\\ 138.\ 6\\ 134.\ 8\\ 147.\ 6\\ 144.\ 8\\ 146.\ 7\\ 148.\ 5\\ 143.\ 0\\ 138.\ 6\\ 138.\ 7\\ 140.\ 5\\ 138.\ 0\\ 141.\ 6\end{array}$	269. 6 298. 0 289. 4 310. 5 305. 1 304. 1 325. 3 328. 4 332. 3 324. 0 332. 5 320. 3 312. 9	174. 9 187. 5 179. 8 181. 4 180. 4 189. 3 186. 3 187. 5 189. 7 191. 7 192. 6 193. 6 186. 3	$\begin{array}{c} 191.5\\249.0\\193.2\\200.6\\193.2\\223.0\\193.4\\198.2\\206.6\\206.2\\214.0\\212.2\\206.1\end{array}$	$\begin{array}{c} 167.\ 6\\ 170.\ 7\\ 168.\ 8\\ 176.\ 4\\ 178.\ 1\\ 179.\ 0\\ 180.\ 2\\ 180.\ 8\\ 179.\ 6\\ 185.\ 2\\ 187.\ 5\\ 195.\ 0\\ 179.\ 6\end{array}$	231. 1 237. 0 242. 2 254. 4 259. 9 264. 9 274. 0 267. 5 276. 9 283. 2 291. 4 298. 0 265. 7	$\begin{array}{c} 181.1\\ 183.4\\ 188.6\\ 180.0\\ 179.8\\ 187.8\\ 189.3\\ 190.5\\ 191.9\\ 190.6\\ 187.2\\ 188.9\\ 186.6 \end{array}$	97.5 95.7 96.1 100.8 100.4 100.7 95.8 98.0 99.0 97.1 99.5 100.7 98.5	152. 6 171. 8 152. 3 155. 4 152. 6 160. 8 156. 9 158. 6 159. 8 161. 8 162. 9 162. 4 158. 9	192. 8 202. 1 204. 2 209. 6 216. 4 215. 3 219. 0 218. 2 225. 9 225. 9 224. 0 221. 0 213. 7
1944: January. February. March. A pril. June. June. July. August. September. October. November. December. December. Year.	168. 5 171. 6 178. 6 177. 3 177. 3 177. 3 177. 3 170. 2 174. 9 187. 0 190. 9 197. 9 227. 1	85.7 86.1 95.8 99.6 110.4 108.0 101.5 107.1 112.2 113.7 127.3	$\begin{array}{c} 174.\ 7\\ 176.\ 9\\ 192.\ 2\\ 195.\ 1\\ 200.\ 8\\ 199.\ 1\\ 190.\ 5\\ 199.\ 8\\ 213.\ 0\\ 216.\ 6\\ 225.\ 4\\ 259.\ 6\end{array}$	170. 7 170. 2 175. 2 171. 9 178. 3 177. 3 180. 0 180. 9 181. 7 184. 8 187. 7 184. 8 187. 4 179. 7	$\begin{array}{c} 101.5\\ 101.9\\ 105.1\\ 99.9\\ 103.6\\ 105.9\\ 108.5\\ 103.1\\ 104.7\\ 107.3\\ 106.9\\ 106.7\\ 104.8 \end{array}$	$\begin{array}{c} 56.0\\ 56.1\\ 55.6\\ 55.3\\ 56.9\\ 58.9\\ 58.9\\ 58.1\\ 57.2\\ 55.1\\ 56.8\\ 55.1\\ 56.8\\ 55.1\\ 56.8\\ 55.5\\ 1\\ 54.5\\ 56.5\\ \end{array}$	$\begin{matrix} 143.\ 3\\ 143.\ 6\\ 140.\ 8\\ 142.\ 7\\ 147.\ 7\\ 151.\ 4\\ 161.\ 6\\ 143.\ 2\\ 145.\ 9\\ 150.\ 0\\ 150.\ 1\\ 150.\ 6\\ 147.\ 9\end{matrix}$	$\begin{array}{c} 143.\ 6\\ 143.\ 0\\ 144.\ 6\\ 150.\ 6\\ 152.\ 5\\ 153.\ 5\\ 150.\ 9\\ 158.\ 7\\ 162.\ 0\\ 166.\ 7\\ 153.\ 8\end{array}$	$\begin{array}{c} 314.3\\ 324.3\\ 444.6\\ 259.3\\ 292.5\\ 289.1\\ 297.7\\ 305.7\\ 327.1\\ 329.9\\ 328.5\\ 319.0\\ 318.8\end{array}$	193. 3 192. 4 198. 0 195. 3 202. 6 200. 6 203. 3 206. 8 210. 1 214. 0 213. 7 204. 0	206. 4 202. 2 213. 5 207. 7 225. 9 208. 3 221. 0 230. 1 224. 3 229. 7 246. 8 242. 1 223. 9	186. 6 182. 2 191. 8 188. 3 193. 7 195. 7 194. 7 195. 5 200. 3 203. 7 202. 0 198. 5 195. 1	298.0 298.1 300.8 298.7 303.0 302.9 308.5 316.2 319.6 322.4 327.2 309.3	$\begin{array}{c} 190.\ 7\\ 190.\ 6\\ 194.\ 3\\ 194.\ 5\\ 202.\ 2\\ 204.\ 5\\ 205.\ 5\\ 205.\ 5\\ 208.\ 1\\ 206.\ 3\\ 209.\ 1\\ 208.\ 5\\ 211.\ 4\\ 203.\ 0 \end{array}$		162. 8 161. 1 167. 4 163. 1 172. 5 166. 5 171. 2 175. 3 176. 2 178. 7 184. 2 181. 7 172. 9	220. 5 219. 1 229. 3 218. 9 226. 8 224. 9 227. 2 227. 0 231. 0 235. 2 240. 7 236. 1 228. 6
1945: January. February. March. April. May. June. July. August. September. October. November. December. Year. 1946:	- 171.8 - 189.4 - 179.7 - 188.7 - 192.4 - 187.8 - 190.5 - 203.7 - 215.0 - 227.2 - 260.1	93.0 94.4 104.8 110.8 116.5 120.5 118.0 113.3 125.5 137.2 149.8 168.1	192. 8 197. 0 202. 1 212. 2 215. 8 210. 5 215. 7 229. 2 240. 3 252. 4 290. 1	187. 4 189. 2 193. 4 183. 5 188. 7 192. 7 199. 7 196. 9 198. 0 207. 8 215. 1 216. 2 198. 0	$ \begin{array}{c} 110.3\\ 110.6\\ 113.9\\ 111.5\\ 110.9\\ 115.7\\ 119.4\\ 115.1\\ 122.4\\ 130.9\\ 140.4\\ 142.8\\ 121.0\\ \end{array} $	59.459.960.758.956.962.861.564.066.972.479.877.365.1	$\begin{array}{c} 156.\ 3\\ 154.\ 4\\ 161.\ 5\\ 161.\ 5\\ 163.\ 5\\ 163.\ 5\\ 163.\ 5\\ 163.\ 5\\ 163.\ 5\\ 194.\ 3\\ 194.\ 3\\ 199.\ 7\\ 170.\ 9\end{array}$	$\begin{array}{c} 165.\ 2\\ 168.\ 5\\ 170.\ 4\\ 166.\ 0\\ 171.\ 6\\ 182.\ 2\\ 163.\ 1\\ 179.\ 3\\ 193.\ 9\\ 209.\ 6\\ 220.\ 9\\ 181.\ 2 \end{array}$	$\begin{array}{c} 312.3\\ 311.9\\ 333.5\\ 314.6\\ 340.3\\ 330.5\\ 330.5\\ 330.5\\ 330.6\\ 349.9\\ 367.4\\ 381.2\\ 347.6\end{array}$	$\begin{array}{c} 212.\ 5\\ 214.\ 8\\ 219.\ 3\\ 206.\ 9\\ 214.\ 1\\ 217.\ 8\\ 225.\ 9\\ 223.\ 5\\ 222.\ 7\\ 232.\ 8\\ 239.\ 5\\ 240.\ 1\\ 223.\ 1\end{array}$	$\begin{array}{c} 243.\ 0\\ 251.\ 0\\ 248.\ 1\\ 214.\ 3\\ 229.\ 0\\ 239.\ 9\\ 260.\ 6\\ 251.\ 9\\ 247.\ 2\\ 269.\ 8\\ 277.\ 5\\ 251.\ 7\\ 250.\ 5\\ \end{array}$	$199.8 \\ 202.3 \\ 207.7 \\ 198.5 \\ 203.0 \\ 206.4 \\ 207.5 \\ 206.8 \\ 206.6 \\ 213.5 \\ 219.9 \\ 235.2 \\ 209.8 \\ 8$	$\begin{array}{c} 328, 6\\ 333, 7\\ 345, 2\\ 340, 9\\ 358, 9\\ 363, 4\\ 359, 0\\ 363, 6\\ 362, 9\\ 372, 8\\ 376, 8\\ 377, 5\\ 357, 5\end{array}$	$\begin{array}{c} 207.\ 6\\ 207.\ 5\\ 210.\ 0\\ 204.\ 8\\ 210.\ 8\\ 208.\ 0\\ 214.\ 3\\ 217.\ 0\\ 215.\ 3\\ 225.\ 0\\ 231.\ 8\\ 237.\ 6\\ 215.\ 9\end{array}$	$\begin{array}{c} 107.\ 7\\ 108.\ 5\\ 114.\ 0\\ 109.\ 9\\ 109.\ 0\\ 114.\ 3\\ 124.\ 5\\ 128.\ 8\\ 132.\ 4\\ 134.\ 1\\ 133.\ 2\\ 132.\ 4\\ 121.\ 2 \end{array}$	181. 7 186. 4 191. 7 168. 4 173. 2 180. 8 190. 1 178. 9 189. 1 197. 2 195. 5 185. 0	233. 4 231. 4 239. 2 231. 7 237. 5 243. 1 255. 0 248. 9 248. 8 256. 7 267. 6 276. 3 248. 3
1946: January February March May June July August September October November December Year 1 Compiled by the U.S. Dep back to January 1042 because of d	207.3 215.6 229.9 246.7 251.1 251.0 247.6 268.1 280.9 282.1 293.9 337.3	140.7 145.5 165.0 193.2 220.8 214.9 220.9 236.9 254.4 261.4 267.2 297.9	$\begin{array}{c} 229.0\\ 238.5\\ 251.0\\ 264.2\\ 264.2\\ 266.3\\ 278.3\\ 289.5\\ 288.8\\ 302.6\\ 350.2\\ \end{array}$	$\begin{array}{c} 231.1\\ 237.6\\ 241.0\\ 246.1\\ 250.4\\ 250.9\\ 261.6\\ 277.2\\ 273.1\\ 277.8\\ 278.8\\ 278.8\\ 283.6\\ 259.2 \end{array}$	$\begin{array}{c} 165. \ 9\\ 170. \ 0\\ 179. \ 2\\ 195. \ 2\\ 210. \ 4\\ 207. \ 0\\ 221. \ 4\\ 238. \ 3\\ 247. \ 5\\ 250. \ 8\\ 253. \ 5\\ 263. \ 8\\ 218. \ 4 \end{array}$	93. 4 91. 7 97. 4 121. 4 142. 9 130. 2 150. 7 171. 0 180. 2 192. 7 192. 3 207. 0 148. 2	230. 0 237. 4 253. 5 255. 2 259. 2 259. 2 259. 7 267. 4 281. 2 289. 1 284. 1 298. 5 290. 7 270. 1	253. 6 271. 8 281. 0 290. 2 308. 6 330. 5 334. 5 348. 6 362. 8 352. 7 347. 7 373. 9 323. 6	$\begin{array}{c} 415.0\\ 417.7\\ 430.8\\ 461.6\\ 439.9\\ 451.3\\ 452.2\\ 452.3\\ 446.4\\ 430.1\\ 431.2\\ 430.8\\ 436.1\end{array}$	$\begin{array}{c} 252.\ 3\\ 259.\ 6\\ 261.\ 2\\ 262.\ 7\\ 263.\ 4\\ 265.\ 2\\ 274.\ 7\\ 289.\ 9\\ 281.\ 4\\ 280.\ 0\\ 287.\ 1\\ 290.\ 1\\ 272.\ 5\\ \end{array}$	$\begin{array}{c} 270.\ 7\\ 289.\ 2\\ 293.\ 9\\ 288.\ 9\\ 288.\ 5\\ 300.\ 4\\ 288.\ 2\\ 313.\ 5\\ 305.\ 5\\ 292.\ 3\\ 292.\ 0\\ 289.\ 6\\ 292.\ 8\end{array}$	$\begin{array}{c} 234.\ 6\\ 234.\ 5\\ 234.\ 3\\ 240.\ 4\\ 242.\ 9\\ 247.\ 7\\ 244.\ 4\\ 249.\ 0\\ 246.\ 9\\ 249.\ 5\\ 256.\ 6\\ 249.\ 0\\ 244.\ 3\end{array}$	389.6 392.8 402.6 400.4 405.6 409.9 414.0 417.8 420.1 417.8 420.1 413.2 408.8	$\begin{array}{c} 253.3\\ 255.1\\ 255.1\\ 257.2\\ 257.4\\ 251.1\\ 271.4\\ 296.8\\ 282.0\\ 286.8\\ 300.5\\ 310.3\\ 273.3\\ \end{array}$	148.8 145.2 149.7 151.4 155.4 155.4 155.4 170.2 180.0 171.1 176.2 180.3 173.7 163.3	205.1 218.7 225.4 225.0 226.8 236.1 237.9 251.1 237.3 231.2 238.9 244.6 231.5	280. 6 295. 7 286. 0 290. 5 288. 2 284. 6 303. 8 304. 8 309. 7 312. 3 311. 4 298. 0

Table 11.-Indexes of Sales of Chain Stores and Mail-Order Houses¹

[1935 - 39 = 100]

<u></u>			Total chain	n and ma	il-order 2		[1999-99=					Adjusted				
				Appare	l group								General r	nerchandis	e group	,
Year and month	Unad- justed	Adjusted	Total apparel ²	Men's wear	Wom- en's wear	Shoes	Automo- tive parts and ac- cessories	Building materials	Drug	Eating and drinking places	Furniture and fur- nishings	Total general merchan- dise ²	Depart- ment, dry goods, and general mdse.	Mail- order (catalog sales)	Vari- ety	Grocery and com- bination
1942: January February March April May June July August September October November December	$\begin{array}{c} 136.\ 6\\ 136.\ 3\\ 150.\ 3\\ 155.\ 7\\ 155.\ 7\\ 152.\ 3\\ 146.\ 1\\ 147.\ 2\\ 164.\ 0\\ 168.\ 7\\ 169.\ 7\\ 202.\ 9\end{array}$	$\begin{array}{c} 154. \ 9 \\ 150. \ 2 \\ 154. \ 3 \\ 155. \ 5 \\ 155. \ 3 \\ 158. \ 3 \\ 158. \ 5 \\ 162. \ 4 \\ 161. \ 0 \\ 158. \ 5 \\ 162.$	176. 1 164. 5 182. 7 167. 8 171. 6 185. 0 185. 2 189. 4 190. 4 187. 7 195. 7	$\begin{array}{c} 244.\ 2\\ 189.\ 5\\ 223.\ 2\\ 141.\ 9\\ 127.\ 3\\ 132.\ 2\\ 155.\ 4\\ 146.\ 9\\ 131.\ 8\\ 131.\ 7\\ 136.\ 2\\ 152.\ 0 \end{array}$	$\begin{array}{c} 177.\ 1\\ 174.\ 4\\ 189.\ 1\\ 191.\ 6\\ 195.\ 4\\ 196.\ 0\\ 214.\ 9\\ 226.\ 0\\ 237.\ 6\\ 237.\ 8\\ 243.\ 9\\ 252.\ 1 \end{array}$	$\begin{array}{c} 141.\ 1\\ 143.\ 8\\ 157.\ 4\\ 162.\ 2\\ 177.\ 1\\ 158.\ 7\\ 175.\ 5\\ 167.\ 5\\ 176.\ 2\\ 179.\ 6\\ 162.\ 7\\ 165.\ 9\end{array}$	$\begin{array}{c} 126.\ 6\\ 115.\ 6\\ 123.\ 7\\ 110.\ 2\\ 109.\ 7\\ 110.\ 2\\ 110.\ 4\\ 114.\ 8\\ 114.\ 3\\ 115.\ 5\\ 110.\ 5\\ 120.\ 1\end{array}$	$\begin{array}{c} 151.\ 8\\ 151.\ 1\\ 156.\ 3\\ 158.\ 4\\ 164.\ 3\\ 158.\ 2\\ 160.\ 2\\ 158.\ 2\\ 160.\ 2\\ 140.\ 2\\ 137.\ 2\\ 129.\ 3\end{array}$	$\begin{array}{c} 145.\ 0\\ 141.\ 1\\ 144.\ 5\\ 150.\ 0\\ 151.\ 7\\ 156.\ 0\\ 159.\ 5\\ 161.\ 5\\ 168.\ 9\\ 169.\ 4\\ 172.\ 2\end{array}$	$\begin{array}{c} 136.\ 6\\ 137.\ 7\\ 144.\ 1\\ 143.\ 3\\ 146.\ 2\\ 148.\ 9\\ 151.\ 8\\ 153.\ 6\\ 158.\ 6\\ 157.\ 2\\ 163.\ 5\end{array}$	134. 0 131. 6 130. 1 124. 4 115. 0 102. 9 103. 1 121. 4 122. 0 125. 2 117. 6 128. 8	$\begin{array}{c} 156.\ 0\\ 149.\ 3\\ 155.\ 4\\ 156.\ 3\\ 155.\ 1\\ 153.\ 6\\ 155.\ 6\\ 168.\ 3\\ 165.\ 3\\ 166.\ 3\\ 160.\ 0\\ 161.\ 1\end{array}$	166. 3 158. 2 169. 1 169. 7 166. 7 165. 2 171. 4 170. 4 182. 8 181. 1 172. 5 173. 4	162. 6 145. 2 151. 0 142. 1 139. 7 133. 9 133. 9 127. 1 149. 7 149. 7 149. 7 139. 2 139. 2 134. 0	137. 0 138. 3 137. 3 143. 8 146. 5 147. 3 152. 5 148. 5 156. 5 149. 8 151. 6 156. 3	171. 4 167. 3 175. 1 175. 1 171. 8 175. 0 178. 0 179. 0 174. 8 173. 0 174. 8 173. 0 166. 8
Year 1943:	156.7	156.7	180. 2	157.0	212.8	163. 7	115.0	153.6	156.4	148.4	121.4	157.6	170. 0	142. 3	147. 1	172.8
January January February. March. April. June. July. August. September. October November. December.	$\begin{array}{c} 137.8\\ 151.0\\ 152.7\\ 163.0\\ 156.0\\ 162.0\\ 146.0\\ 149.1\\ 166.2\\ 170.6\\ 173.9\\ 205.4 \end{array}$	$\begin{array}{c} 155.\ 2\\ 166.\ 1\\ 159.\ 2\\ 159.\ 4\\ 157.\ 8\\ 164.\ 1\\ 158.\ 4\\ 160.\ 4\\ 166.\ 4\\ 166.\ 4\\ 166.\ 5\\ 161.\ 5\end{array}$	$\begin{array}{c} 198.\ 0\\ 245.\ 6\\ 194.\ 3\\ 202.\ 3\\ 185.\ 6\\ 213.\ 4\\ 185.\ 7\\ 198.\ 2\\ 209.\ 7\\ 206.\ 6\\ 209.\ 2\\ 205.\ 2\end{array}$	$\begin{array}{c} 157.\ 1\\ 214.\ 5\\ 155.\ 5\\ 160.\ 2\\ 156.\ 9\\ 167.\ 0\\ 145.\ 5\\ 158.\ 0\\ 165.\ 4\\ 162.\ 1\\ 168.\ 3\\ 171.\ 8\end{array}$	$\begin{array}{c} 256.\ 1\\ 336.\ 3\\ 259.\ 0\\ 271.\ 3\\ 249.\ 5\\ 264.\ 8\\ 258.\ 8\\ 277.\ 5\\ 289.\ 0\\ 282.\ 5\\ 290.\ 0\\ 286.\ 1 \end{array}$	$\begin{array}{c} 164.\ 6\\ 170.\ 3\\ 151.\ 6\\ 156.\ 8\\ 137.\ 6\\ 191.\ 2\\ 134.\ 6\\ 138.\ 8\\ 154.\ 6\\ 156.\ 3\\ 151.\ 2\\ 142.\ 5\end{array}$	$\begin{array}{c} 130.\ 3\\ 127.\ 6\\ 115.\ 1\\ 127.\ 4\\ 139.\ 0\\ 125.\ 4\\ 128.\ 5\\ 129.\ 5\\ 129.\ 5\\ 130.\ 2\\ 122.\ 5\\ 117.\ 9\end{array}$	136. 3 146. 8 149. 3 148. 8 153. 0 143. 7 145. 4 155. 1 157. 3 162. 5 166. 1 158. 3	170. 4 173. 3 171. 2 180. 8 180. 4 180. 3 181. 2 179. 2 178. 1 182. 4 186. 2 185. 8	157. 4 166. 0 164. 4 170. 5 171. 7 174. 8 174. 0 176. 0 178. 0 178. 9 178. 9	124. 0 122. 1 117. 8 126. 4 133. 8 125. 1 130. 7 127. 4 129. 4 127. 7 127. 7 119. 9 111. 9	$\begin{array}{c} 152.\ 1\\ 165.\ 9\\ 158.\ 6\\ 162.\ 2\\ 156.\ 5\\ 166.\ 0\\ 154.\ 1\\ 158.\ 5\\ 160.\ 7\\ 158.\ 5\\ 160.\ 7\\ 158.\ 5\\ 159.\ 3\\ 161.\ 7\end{array}$	$\begin{array}{c} 159, 0\\ 179, 5\\ 169, 6\\ 171, 5\\ 169, 4\\ 180, 6\\ 163, 9\\ 167, 1\\ 171, 5\\ 169, 9\\ 169, 5\\ 175, 5\end{array}$	131. 9 134. 2 122. 4 147. 5 128. 3 138. 3 135. 1 125. 0 131. 6 132. 5 133. 2 133. 9 121. 4	$\begin{array}{c} 151.\ 3\\ 161.\ 4\\ 160.\ 1\\ 154.\ 7\\ 150.\ 9\\ 159.\ 3\\ 153.\ 2\\ 158.\ 1\\ 157.\ 7\\ 152.\ 8\\ 156.\ 6\\ 160.\ 1 \end{array}$	$\begin{array}{c} 164.7\\ 169.6\\ 169.8\\ 159.2\\ 163.1\\ 165.9\\ 166.7\\ 163.2\\ 169.5\\ 168.8\\ 163.7\\ 162.2\end{array}$
Year	160. 8	160.8	203.8	164.6	276.0	153. 5	126.5	152.6	179. 2	171. 7	124. 3	158.9	169. 9	131. 3	155. 5	165.4
1944: January February March April May June July August September October November December	$\begin{array}{c} 145.\ 6\\ 146.\ 3\\ 162.\ 2\\ 167.\ 3\\ 172.\ 3\\ 169.\ 6\\ 159.\ 8\\ 162.\ 5\\ 176.\ 3\\ 162.\ 5\\ 176.\ 3\\ 192.\ 7\\ 222.\ 9\end{array}$	163. 9 160. 4 167. 3 165. 3 174. 2 171. 9 173. 5 175. 4 174. 5 174. 5 179. 2 179. 2 179. 4 175. 9	$\begin{array}{c} 209.\ 3\\ 199.\ 5\\ 217.\ 3\\ 216.\ 5\\ 233.\ 3\\ 213.\ 2\\ 220.\ 9\\ 229.\ 7\\ 228.\ 4\\ 230.\ 0\\ 243.\ 1\\ 233.\ 6\end{array}$	157. 8 153. 0 179. 8 173. 2 195. 5 179 4 177. 5 188. 9 192. 4 201. 5 197. 1 198. 1	$\begin{array}{c} 289.\ 6\\ 285.\ 0\\ 303.\ 5\\ 302.\ 2\\ 317.\ 1\\ 290.\ 3\\ 299.\ 0\\ 322.\ 0\\ 322.\ 9\\ 323.\ 0\\ 336.\ 3\\ 319.\ 9 \end{array}$	$\begin{array}{c} 157.\ 4\\ 137.\ 7\\ 150.\ 6\\ 153.\ 5\\ 169.\ 7\\ 154.\ 5\\ 166.\ 1\\ 156.\ 4\\ 151.\ 7\\ 150.\ 9\\ 174.\ 6\\ 166.\ 6\end{array}$	$\begin{array}{c} 122.\ 4\\ 121.\ 3\\ 115.\ 7\\ 126.\ 6\\ 133.\ 6\\ 140.\ 2\\ 146.\ 3\\ 133.\ 4\\ 140.\ 8\\ 144.\ 0\\ 150.\ 6\\ 142.\ 9\end{array}$	$\begin{array}{c} 168.\ 4\\ 157.\ 7\\ 151.\ 0\\ 148.\ 7\\ 153.\ 5\\ 163.\ 5\\ 183.\ 6\\ 149.\ 4\\ 155.\ 0\\ 161.\ 0\\ 168.\ 6\\ 180.\ 4\end{array}$	$180.\ 7\\180.\ 7\\191.\ 6\\183.\ 2\\184.\ 4\\184.\ 9\\188.\ 8\\187.\ 7\\191.\ 7\\190.\ 7\\189.\ 1\\183.\ 3$	180, 9 178, 3 176, 4 177, 0 184, 2 187, 2 180, 9 182, 8 184, 5 179, 6 180, 9 183, 2	116. 2 115. 0 114. 3 120. 0 125. 1 126. 0 126. 4 126. 6 131. 2 134. 0 136. 3 140. 0	$\begin{array}{c} 159.\ 6\\ 157.\ 1\\ 168.\ 2\\ 160.\ 7\\ 172.\ 7\\ 167.\ 5\\ 166.\ 2\\ 176.\ 1\\ 173.\ 7\\ 179.\ 5\\ 182.\ 5\\ 176.\ 1\end{array}$	175. 3 168. 7 180. 8 174. 6 193. 8 185. 3 184. 3 190. 5 187. 1 195. 6 202. 4 192. 5	$\begin{array}{c} 109.\ 8\\ 122.\ 4\\ 137.\ 6\\ 122.\ 9\\ 126.\ 8\\ 128.\ 0\\ 131.\ 3\\ 154.\ 9\\ 148.\ 8\\ 147.\ 2\\ 152.\ 3\\ 151.\ 8\end{array}$	160. 6 156. 1 164. 1 158. 2 163. 8 160. 0 155. 6 163. 8 164. 9 171. 1 167. 0 162. 2	170. 6 166. 2 169. 3 173. 0 180. 5 183. 3 184. 5 184. 4 180. 0 187. 4 177. 6 181. 7
Year 1945:	172.6	172.6	224.6	185.4	311. 1	158.7	135.7	161.4	186.8	181.7	126. 9	171. 3	187.6	137.4	163. 1	178.9
January January February March April May June July August September October November December	$\begin{array}{c} 156. \ 9\\ 159. \ 8\\ 181. \ 7\\ 164. \ 0\\ 169. \ 9\\ 172. \ 0\\ 167. \ 4\\ 164. \ 9\\ 179. \ 5\\ 198. \ 4\\ 212. \ 4\\ 250. \ 2\end{array}$	176. 7 175. 6 181. 4 168. 0 171. 8 174. 4 182. 5 177. 8 177. 8 177. 3 189. 5 198. 3 198. 7	$\begin{array}{c} 234.\ 4\\ 238.\ 2\\ 257.\ 1\\ 214.\ 0\\ 227.\ 8\\ 238.\ 3\\ 250.\ 0\\ 247.\ 2\\ 229.\ 3\\ 250.\ 7\\ 263.\ 7\\ 238.\ 4\end{array}$	188. 0 186. 0 197. 2 158. 7 173. 5 193. 2 198. 9 190. 7 196. 1 246. 6 221. 0 189. 1	$\begin{array}{c} 331.\ 6\\ 337.\ 6\\ 380.\ 9\\ 318.\ 6\\ 327.\ 8\\ 336.\ 2\\ 336.\ 8\\ 325.\ 0\\ 308.\ 2\\ 331.\ 8\\ 344.\ 7\\ 325.\ 8\end{array}$	$\begin{array}{c} 161.\ 0\\ 164.\ 0\\ 162.\ 4\\ 137.\ 5\\ 155.\ 5\\ 164.\ 0\\ 191.\ 8\\ 202.\ 8\\ 170.\ 1\\ 171.\ 8\\ 209.\ 2\\ 178.\ 8\end{array}$	$\begin{array}{c} 136.\ 0\\ 136.\ 7\\ 144.\ 7\\ 135.\ 4\\ 125.\ 2\\ 140.\ 5\\ 148.\ 7\\ 152.\ 4\\ 155.\ 8\\ 156.\ 9\\ 165.\ 9\\ 165.\ 9\\ 189.\ 6\end{array}$	175. 7 174. 5 177. 9 176. 1 174. 7 177. 5 176. 2 174. 5 185. 0 200. 5 208. 0 197. 8	184. 3 184. 0 189. 8 179. 2 184. 9 191. 1 195. 5 191. 1 191. 4 195. 7 205. 1 213. 9	191, 1 189, 6 188, 8 178, 7 188, 3 192, 4 188, 0 189, 0 187, 0 187, 0 187, 0 196, 2 195, 2	$\begin{array}{c} 135.\ 2\\ 134.\ 1\\ 134.\ 6\\ 122.\ 8\\ 127.\ 7\\ 136.\ 4\\ 137.\ 0\\ 127.\ 4\\ 145.\ 1\\ 148.\ 5\\ 158.\ 6\\ 162.\ 6\end{array}$	$180.8 \\ 179.1 \\ 191.0 \\ 167.4 \\ 167.7 \\ 171.5 \\ 182.3 \\ 170.4 \\ 167.7 \\ 182.0 \\ 182.0 \\ 188.7 \\ 187.1 \\ 187.1 \\ 1000 \\ $	199, 2 196, 1 215, 1 185, 3 182, 2 189, 0 206, 9 195, 7 193, 5 207, 1 216, 0 208, 8	$\begin{array}{c} 149, 5\\ 152, 4\\ 150, 5\\ 121, 2\\ 133, 0\\ 132, 5\\ 132, 8\\ 108, 3\\ 108, 3\\ 109, 2\\ 139, 4\\ 144, 7\\ 157, 4\end{array}$	$\begin{array}{c} 168.\ 2\\ 166.\ 2\\ 175.\ 5\\ 163.\ 6\\ 162.\ 5\\ 164.\ 2\\ 170.\ 5\\ 164.\ 2\\ 170.\ 5\\ 164.\ 1\\ 158.\ 7\\ 165.\ 2\\ 169.\ 6\\ 168.\ 4 \end{array}$	$\begin{array}{c} 176.8\\ 171.9\\ 168.1\\ 166.8\\ 172.0\\ 169.9\\ 179.0\\ 176.9\\ 180.2\\ 194.7\\ 204.9\\ 212.3\end{array}$
Year 1946:	181.7	181.7	242.5	197.7	335.9	173. 1	150.4	184. 5	193. 1	189. 8	140. 7	179.3	201.2	136. 8	167.6	181.1
January February March April June July July September October November December	189.6 197.9 214.1 227.6 221.7 221.9 213.8 235.0 245.3 251.7 270.4 328.1	213. 2 217. 7 223. 6 223. 8 224. 3 225. 4 233. 6 254. 2 241. 7 240. 1 252. 0 261. 8	259. 1 276. 5 287. 7 282. 4 272. 9 288. 4 287. 7 322. 2 292. 0 278. 5 281. 3 283. 3	$\begin{array}{c} 223.\ 2\\ 229.\ 5\\ 229.\ 5\\ 234.\ 3\\ 259.\ 8\\ 255.\ 3\\ 273.\ 7\\ 364.\ 1\\ 315.\ 3\\ 284.\ 8\\ 281.\ 7\\ 264.\ 6\\ \end{array}$	343.7 366.0 402.4 391.3 351.0 381.6 370.8 354.7 336.4 342.0 350.2	192. 6 211. 9 202. 9 197. 9 201. 6 213. 5 224. 0 253. 9 218. 2 220. 2 223. 5 229. 8	235. 7 223. 9 243. 4 238. 2 239. 1 245. 8 243. 0 235. 8 249. 8 274. 2	237. 9 263. 1 245. 2 232. 3 230. 4 221. 2 217. 4 234. 5 247. 3 213. 0 214. 8 253. 3	214. 7 224. 6 216. 5 222. 5 228. 8 228. 7 233. 9 230. 2 227. 3 237. 3 235. 2	207. 7 209. 6 208. 4 208. 7 210. 3 214. 2 215. 2 215. 4 211. 6 214. 6 214. 6 218. 2 219. 9	182. 3 206. 0 195. 7 205. 7 220. 2 216. 4 222. 4 222. 8 199. 1 224. 6 237. 6	$\begin{array}{c} 210.\ 2\\ 212.\ 9\\ 232.\ 8\\ 228.\ 1\\ 230.\ 1\\ 234.\ 6\\ 243.\ 7\\ 255.\ 8\\ 245.\ 4\\ 245.\ 4\\ 245.\ 4\\ 245.\ 5\\ 253.\ 5\\ \end{array}$	240. 1 244. 5 268. 1 258. 6 271. 5 283. 9 295. 6 286. 4 288. 0 278. 3 291. 1	$\begin{array}{c} 191.3\\ 181.5\\ 211.6\\ 210.9\\ 201.3\\ 220.5\\ 233.2\\ 253.4\\ 228.3\\ 219.8\\ 214.3\\ 223.5\\ \end{array}$	174. 2 181. 2 190. 9 192. 9 186. 7 186. 6 189. 3 196. 8 192. 2 194. 1 200. 3 212. 5	217. 1 215. 8 216. 8 217. 9 219. 6 214. 6 229. 2 268. 8 244. 4 247. 0 280. 3 293. 9
Year	234. 9	234.9	284.0	266.0	362.5	216. 2	242.5	232.8	227.7	212.9	211.9	238.0	275. 2	215.1	193.6	238.9

¹ Compiled by the U. S. Department of Commerce, Office of Business Economics. The seasonally adjusted indexes have been revised beginning January 1942 because of changes in the seasonal adjustment factors and there have been revisions also in the 1946 dollar figures for total sales and for the general merchandise group and in the unadjusted index for that year. January-October 1946 revisions in the dollar figures are as follows (millions): Total-1,415, 1,374, 1,657, 1,688, 1,675, 1,658, 1,606, 1,883, 1,723, 1,925; general merchandise group—339, 337, 442, 469, 451, 448, 425, 502, 492, 571. Data beginning November 1946 for all series are on p. S-8.

Food Consumption, Expenditures, and Prices

By Morris Cohen

In any analysis of postwar expenditure patterns, food is by far the most important element. Food alone comprises almost one-third of all consumer expenditures. Changes in food consumption as compared with prewar years have been as striking as those in any other area of living standards. The nature of these changes, and the furtherance of understanding as to why they have occurred, are an integral and important part of broad market analysis.

A larger share of the consumer dollar is going for food than before the war. What are the causes of this change? Are they likely to persist?

Food necessarily occupies a significant place in any discussion of the cost of living. The increase of more than 100 percent in food prices since 1939 has contributed almost two-thirds of the rise in the Bureau of Labor Statistics combined Consumers' Price Index over that period. What have been the underlying causes and results of this rise?

Food likewise has become of primary concern in international as well as in domestic policy. What are the interrelationships between increased food exports and domestic consumption, prices, and expenditures?

Food Consumption

The simplest meaningful indication of changes in consumption would be the amount of food energy consumed as measured in calories. Such a figure, however, would not reflect several major elements of consumption in the broader sense.

First, there is the variety of the diet, making it more interesting, more palatable, more adequate in the health protecting elements. Aside from these changes in the composition of the market basket, there can also be changes in the quality of the foods bought.

From the economic standpoint we must also consider the amount of processing included. Shifts may occur between purchases of flour for home baking and purchases of bakery products; between home and factory canning. In other ways what was formerly done in the household can be brought into the market economy.

Another element is the service which goes into the retail distribution of food. This service can be more or less elaborate, including such things as the variety of goods offered for sale and the attractiveness of the surroundings. Similarly, there is the food consumption in restaurants, including all the costs of preparation and serving.

The most comprehensive direct measure is that furnished by the Bureau of Agricultural Economics index of civilian per capita food consumption. This index measures domestic civilian food disappearance as a residual after taking into account food production, imports and exports, military purchases, and changes in inventories. The residual food disappearance in pounds is converted to a retail weight basis and weighted by 1935–39 retail food prices, so that shifts from less expensive to more expensive types of foods are reflected, for example, in terms of more meat at a higher base period price per pound and less potatoes at a lower price.

Thus, the index measures the variety element of food consumption insofar as there are shifts among the 68 categories of food—from lamb and mutton to beef, for example. It does not measure any shifts within these groups—such as from olive oil to cottonseed oil—or any changes in quality, such as from Commercial to Prime and Choice grades of beef.

The BAE index measures some but not all of the processing element of food consumption. In many cases it is practicable to count food only at the primary or farm level, so that the resulting composite is a mixture of different levels of food processing. While slaughtering, canning of fruits and vegetables, and the manufacture of other food products (such as ice cream, shortening, flour, and sugar) are covered, other products (such as bread and bakery products, confectionery, salad dressing, sandwich spreads, and prepared desserts) are represented only in terms of flour, sugar, etc. To the extent that consumers demand and get more or less of this processing the changes are not reflected in the index.

The element of servicing is not taken into account, since data cannot be obtained to ascertain where individual items of food are eaten or purchased. Thus, any change in the amount of food eaten in restaurants instead of at home is not reflected in the index. Also not covered is any change in the amount or quality of service connected with retail distribution. Changes in this element of service, in either restaurant or store, are just as real an element of change in consumption as changes in the quality or quantity of food consumed.

In spite of these limitations of coverage, the BAE index is extremely useful for our purpose. This usefulness is greatly enhanced because it permits analysis of shifts in consumption among the various categories of food over a long period.

Prewar Stability

The combined index is shown in table 1. During the 30year period, 1909–38, including the relatively prosperous twenties and the relatively depressed thirties, per capita food consumption, as measured by the BAE index, varied within the narrow range of 94 to 102 percent of the base period, 1935–39.

This stability in per capita consumption is, of course, a reflection of the inelasticity of the supply. Despite wide changes in demand which occurred during this time, agricultural output for domestic consumption kept pace with population changes, slightly more in the twenties with greater demand, slightly less in the thirties with lower demand. When incomes declined farmers continued to produce and consumers paid less for approximately the same quantities.

This inelasticity of supply, however, was demonstrated most strikingly in the smallness of the decline in output in the thirties when demand contracted sharply. Between the two wars there was little opportunity to demonstrate whether production, in response to a sharp increase in demand would move to a new high level. During the First World War there was such an increase in output to meet the export demand.

The relative stability of per capita food consumption from 1909 to 1938 conceals diverse tendencies. There was, for example, a secular decline in the consumption of potatoes, sweetpotatoes, and flour and grain products, contrasted to a long-run rise in fruits and vegetables. The effect of changes in demand resulting from changes in income is clear in the consumption of sugar and sirups, eggs and meats, poultry and fish, which was relatively high in the 1920's and relatively low in the thirties. Consumption of dairy products rose rapidly in the twenties, but did not lose all the gain in

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Table 1.—Per Capita Food Consumption,¹ 1909 to 1947

		l.	Index, 1935	-39=100]			
Year	Index	Year	Index	Year	Index	Year	Index
1909 1910 1911 1912 1913 1914 1915 1916	98 97 98 98 96 97 96 96	1919 1920 1921 1922 1923 1924 1925 1926	98 97 94 99 101 102 101 102	1929 1930 1931 1932 1933 1933 1934 1935 1936 1936	$ \begin{array}{r} 102 \\ 100 \\ 100 \\ 98 \\ 97 \\ 99 \\ 96 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 96 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 96 \\ 99 \\ 99 \\ 90 \\ 100 \\ $	1939 1940 1941 1942 1943 1944 1945 1946	104 105 108 108 107 112 114 118
1917 1918	96 95	1927 1928	$\begin{array}{c} 101 \\ 102 \end{array}$	1937 1938	$\begin{array}{c}100\\100\end{array}$	1947 2	117

¹ Civilian consumption for the years 1941 through 1947. ² Estimate based on October crop report.

- Estimate based on October crop report.

Source: U. S. Department of Agriculture.

the 1930's. These, and the more erratic fluctuations in specific commodities, did not, however, have a strong influence on the total index.

High Postwar Consumption

In sharp contrast with this stability, the index of per capita food consumption has risen dramatically since 1938. The only hesitation in this rise occurred in the war years 1942 and 1943, coincident with a sharp expansion in military and export requirements. Civilian per capita food consumption resumed its ascent in 1944 and 1945. In the first full peacetime year, 1946, it reached the all-time high of 118 and receded slightly to 117 to 1947.

Apparently, output could and did respond to the large increase in domestic as well as export demand. Patriotic and economic incentives for maximum production in this period played an important part. In addition, Government policy was directed toward increasing agricultural output. Special efforts were made to aid farmers in obtaining labor, equipment, and supplies. Support prices were enacted to remove fears of unwanted crops. The increase in output was achieved through more intensive as well as more extensive cultivation, through the greater use of fertilizers, through the accelerated use of improved methods and techniques of farming, and partly because of favorable weather conditions.

The strength of the domestic demand since the war, which has provided much of the incentive to maximize production, is discussed in a later section of this article. For the moment it is sufficient to emphasize that production has increased enough to take care of increased exports and to provide a much higher domestic consumption per capita.

The resulting increase of 17 to 18 percent in the BAE index over prewar took place in spite of a continuation of the decline in the consumption of potatoes, and no increase in flour and grain products (see table 2). Butter also declined and there was only a slight increase in sugar and sirups. These categories accounted for one-fifth of the 1935-39 weights. The rise, therefore, is due to the remaining four-fifths, particularly meats, dairy products, eggs, and fruits and vegetables.

Over the same period there has been an increase of 5 percent in per capita consumption in terms of calories. The balance of the 17 to 18 percent is in the shifts to more healthful and more palatable foods. This increase in the quantity and variety of food consumed during and since the war deserves special comment. In this respect, consumers have improved their living substantially, despite high costs.

Is this statement applicable to all groups in the economy? It would take a comprehensive field investigation of physical consumption to provide the definitive answer. In the absence of such a study, however, several deductive observations can be made. As one such deduction, it can be assumed that most consumers are eating better than they did before the war. If any large part of the population did not participate in the increase, or actually expreienced a decline,

Table 2.—Civilian Per Capita Food Consumption, by Major Groups,¹ 1946 and 1947

[Index, 1935–39==100]

	1946	1947
Total food	118	117
Dairy products, excluding butter	140	132
Butter.	61	- 69
Eggs	124	126
Meats, poultry, fish		124
Potatoes and sweetpotatoes		93
Beans, peas, nuts	123	110
Fats and oils, excluding butter	117	110
Flour and grain products	100	100
Sugar and sirups		102
Fruits		124
Vegetables	126	
Coffee, tea, cocoa, spices	123	116

¹ Preliminary. Source: U. S. Department of Agriculture.

the average rise of 17 to 18 percent would imply an extremely large increase for the groups that did benefit.

Several factors can be suggested which indicate that the lower income groups have shared in this increase. First, there are the increased incomes of millions of wage earners and entrepreneurs who were out of work before the war. It is difficult to believe that they have not participated in the increase. While particular individuals employed in both periods may have had a decline in real income and therefore have been forced to reduce their food consumption from prewar levels, employees in the aggregate have had a considerable increase in real income. Second, there is the increased progressiveness of the tax system since prewar. Third, there are the influence of rent controls and the continuing effects of wartime food habits. These factors affect the low income groups.

As discussed previously, the BAE index does not reflect all the elements of consumption. The 17 to 18 percent increase since prewar undoubtedly understates the rise in food consumption in all its aspects. There are, however, no good direct measures of these other elements of consumption. Any attempt at indirect measurement by deflating dollar expenditures for food by appropriate price series runs into serious difficulties.

Where such attempts have been made, a rise substantially greater than 17–18 percent is indicated. Though some of this increase may arise from statistical inadequacies, it seems reasonable to assume that much of the rise is real. That is, the additional elements of consumption, such as further processing not reflected in the BAE index, quality shifts within the 68 food groups, and servicing, have increased significantly. What may have been long-run tendencies in processing and servicing were continued, if not accelerated, during and since the end of the war.

Food Expenditures

The combination of all the elements of consumption plus price yields expenditures. Personal consumption expenditures on food, excluding alcoholic beverages, as estimated by the Office of Business Economics, increased from the 1935-39 average of 15.4 billion dollars per year to over 50 billion dollars in 1947.

This food expenditure series distinguishes four major groups:

1. Food purchased for off-premise consumption.

2. Purchased meals.

3. Food furnished without monetary consideration to these monfarm groups:

- (a) Government employees, including military.
- (b) Commercial employees.
- (c) Withdrawn by nonfarm proprietors (for personal use).

4. Food produced and consumed on the farm.

A similar break-down is not now available excluding alcoholic beverages.

Stable Prewar Ratio to Income

Table 3 shows each of these categories as a percent of disposable personal income. From 1929 to 1940 food represented from 22.5 to 24.5 percent of this income. Data are not available for the decade prior to 1929, but such material as is at hand indicates approximately the same ratios for the previous decade.

Table 3.-Food Expenditures as Percent of Disposable Personal Income, 1929 to 1947

			Includi	ng alcoholi	c beverages	
Year	Total food ex- cluding alcoholic beverages	Total	Food pur- chased for off- premise con- sumption	Pur- chased meals	Food fur- nished without monetary considera- tion to nonfarm groups	Food produced and con- sumed on farms
1929. 1930. 1931. 1932. 1933. 1933. 1935. 1936. 1937. 1938. 1938. 1938. 1939. 1940. 1941. 1942. 1943. 1944. 1944. 1944. 1944. 1944. 1944. 1944. 1944.	24, 2 23, 7 23, 6 23, 2 23, 2 24, 0 22, 6	23. 9 24. 5 23. 5 23. 8 25. 6 28. 0 28. 0 28. 0 28. 0 28. 1 29. 0 27. 4 26. 5 26. 3 27. 0 26. 7 29. 1 32. 6	17. 6 18. 0 16. 9 16. 8 18. 7 20. 5 20. 6 20. 8 20. 8 20. 8 21. 2 19. 9 19. 8 19. 0 18. 6 18. 1 17. 5 18. 8 22. 4	$\begin{array}{c} 3.7\\ 3.9\\ 4.1\\ 4.4.1\\ 4.5\\ 4.6\\ 5.0\\ 5.3\\ 5.4\\ 5.4\\ 5.4\\ 5.3\\ 6.1\\ 7.7\\ 7.7\end{array}$	0.6 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	1.9 1.9 1.8 1.9 2.1 1.9 2.1 1.9 2.1 1.8 1.8 1.8 1.8 1.6 1.5 1.4 1.4 1.3 1.3 1.5

The even less satisfactory data prior to World War I, however, suggest a figure of over 25 percent. Through the inter-war period the position of agriculture was less favorable then in the period preceding World War I. The parity price ratio, i. e., prices received by farmers divided by prices paid by farmers, between 1921 and 1940 never exceeded 92 percent of 1909-14.

The typical inter-war ratio of total food expenditures to income was 23 to 24 percent. Of this, 17 to 17.5 percent was off-premise consumption, 3.5 to 4 percent was purchased meals, and 2.5 percent was nonmonetary farm and nonfarm food. These percentages differ from those shown in table 3 because of a rough allowance to exclude alcoholic beverages.

The ratios of expenditures to income were not greatly affected by changes in the level of income from prosperity to depression, or vice versa. In technical language, the line of regression which expresses the cyclical relationship between food consumption expenditures and disposable personal income in this period would pass very nearly through the origin.

While the supply and, therefore, the consumption of food in all its aspects probably were not as inflexible in the interwar period as the BAE index, changes in income and the resulting changes in expenditures were necessarily reflected primarily in changes in food prices. The stability in the ratio of food expenditures to income was the result of the income elasticity of demand plus the price elasticity of demand.1

Wartime Curbs on Expenditures

As shown in table 3, the ratio of food expenditures to income declined during the war in contrast to the prewar pattern. Fundamentally, this resulted from the fact that

incomes rose sharply while food prices and consumption were held in check. The limited supply of other goods and services in this period probably would have resulted in relatively more money being spent on food, but rationing and price controls minimized competitive bidding for the available civilian food supply. The difference between what was spent and what would have been spent in the absence of the controls was channeled into personal saving.

While the ratio of total food expenditures to income declined during the war, restaurant expenditures rose relative to income. This took place because of increased employment of women, break-up of homes by draft into the armed forces, absence of rationing in restaurants, inability to spend record incomes in other ways, and wartime population movements. This increase occurred in spite of price control, and was limited by the available supply. Labor, space, and equipment shortages hindered the further wartime expansion of this segment of food expenditures.

Nonfarm food which did not pass through market channels increased in relative importance during the war, primarily as a result of food furnished the military. As explained in the July 1947 Supplement to the Survey of Current Business, payment in kind to the armed forces, including food, is counted as income "to make the measurement of military income conform more closely to the measurement of income from civilian labor." Since it is included as income, it must also be shown as expenditure.

Postwar Increase in Expenditures

The ratio of food expenditure to disposable personal income rose from 22 percent in 1944 to 24 percent in 1945. This can be explained by the decline in noncivilian demand and the concomitant scrapping of rationing controls in the latter half of the year. The end of the war was followed promptly by the abolition of rationing of processed foods in August, increased meat rations in September, and the end of meat rationing in November. By the close of the year, only sugar remained under rationing control. Expenditures for off-premise food and purchased meals both shared equally in the 1945 rise.

In 1946, the food expenditure-income ratio rose still higher-to 27 percent. The abolition of all price controls in the second half of the year is particularly evident in the ratio of expenditures for off-premise food to income, which rose from less than 16 percent in 1945 to over 19 percent in 1946 (again making a rough allowance to exclude alcoholic beverages). Expenditures for purchased meals accounted only for a moderately increased share of the consumer dollar in the same period. On the other hand, nonmonetary food declined with the demobilization of the armed forces and the sharply decreased food furnished the military.

By 1947, the first complete postwar year without either price or rationing controls, the ratio of food expenditures to income rose still higher-from 27 to 29 percent-exceeding any experience since the first World War. Preliminary data indicate that this upward tendency was still continuing in the fourth quarter of 1947

Off-premise food expenditures were primarily, responsible for this increased ratio, having jumped from 19 percent in 1946 to almost 22 percent in 1947 (again excluding alcoholic beverages). The ratio of expenditure for purchased meals to income receded from the high reached in 1946 because of the reversal of the factors responsible for that level-food equally obtainable for off- as well as on-premise consumption; greater stability in family location; and other ways of spending income.

The evidence thus indicates that food now accounts for more of the consumer's dollar than was typical in the prewar period, in fact for more than was true at any time since the readjustment after World War I. Eating at home is

¹ Preliminary estimates based on incomplete data. ² In the absence of data for 1947, expenditures for alcoholic beverages for that year have been assumed to be the same as for 1946. Source: U. S. Department of Commerce, Office of Business Economics.

¹ The regression line of food expenditures on disposable income cannot be used directly to estimate the income elasticity of the demand for food. Income elasticity is defined as the percentage change in expenditure associated with a 1 percent change in income, *holding food prices constant* and, therefore, implicitly assuming that food supply varies with income. As emphasized above, the food supply varies relatively inflexible in the inter-war period while food prices varied greatly. Only if price elasticity of demand for food were unity could income elasticity be computed directly from income and expenditure time series.

responsible for more than two-thirds of this increased share and restaurant eating less than one-third.

While there has been a sizeable increase in the supply of food, particularly if the related processing and services are included, the larger part of the increase in food expenditures has resulted from the competitive bidding up of prices in the effort to redistribute the available supply. The bidding up of prices has occurred in spite of the fact that the supply of food available for domestic consumption as compared with the prewar period, has increased relatively more than at any time in the interwar period (table 1).

This may imply a distinct upward shift in consumer preferences for food. The nature of the shift is further illustrated by the relative increases in prices of major groups of food which increases closely parallel the relative increases in consumption discussed earlier in this article.

The BLS retail price indexes for selected dates are shown in table 4. Meats, fish, and eggs have shown the largest rise since prewar. On the other hand, cereals, where per capita consumption has not increased at all, show the smallest price rise.

Of particular interest is the rise of 86 percent shown by meat prices from June 1946 to November 1947. This accounts for 60 percent of the total rise in the BLS retail food price index between those two dates.

Postwar Influences

To recapitulate, most consumers are eating substantially more food than in prewar years—an increase of 17 to 18 percent as measured by the BAE index, probably substantially more if the collateral elements of food consumption are included. To buy this food they are spending a larger share of their greatly expanded incomes—about 29 percent as compared with 23 to 24 percent in the prewar period. In spite of increased supplies of food, prices have been bid up sharply in the effort of individuals to increase their food consumption still further.

It is apparent that there are influences affecting consumer. expenditure decisions which were not present before the war. What are these influences and how permanent are they likely to be?

Wartime Food Experience

On the demand side, possibly the most important of these influences is the effect of wartime food experience. During the war civilians ate more than ever before. Rationing was established for the purpose of making many foods equally available to all civilians without regard to income, and price controls were set at levels where they could afford to buy the rationed goods.

The mere establishment of a ration served to emphasize in the minds of consumers any deficiency in their food consumption below that ration. Furthermore, the placing of a

Table 4.-Retail Food Prices, June 1946 and November 1947

[Index, 1935-39=100]

	June 1946	Novem- ber 1947	Relative importance September 1947
All foods	145.6	202.7	100.0
Cereals and bakery products		167.9	13.0
Meats, poultry, and fish	134.0	227.0	33.1
Meats	120.4	223.6	27.1
Chickens	162.8	184.6	3.0
Fish, fresh and canned	219.7	302.4	3.0
Dairy products	147.8	198.4	18.5
Eggs	147.1	224.7	6.4
Fruits and vegetables	183.5	199.6	20, 3
Beverages	125.4	194.7	2.7
Fats and oils	126.4	196.4	3.0
Sugar and sweets	136.2	183.2	3.0

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

certain number of coupons in the hands of the consumer was a strong inducement to use those coupons.

Essentially, then, these controls, aided by food subsidies, served to channel food to the lower income groups,² that, on the whole, probably ate more and better food than in prewar years. Added to this is the fact that the 14 million men and women who served in the armed forces typically ate more food than they did as civilians. Finally, nutritional education, which reached a far greater number of people than ever before, stimulated greater consumption of "protective" foods.

Since the war, higher income families undoubtedly have returned at least part way to the higher levels of consumption to which they were accustomed before the war. Lower income groups have tended to resist any reduction below the higher standards which they reached during the war.

This wartime experience, at least in part, may be expected to have a continuing influence upon food consumption and food expenditures. Its current effectiveness, however, has been enhanced by greater availability of buying power for food than is likely to be true in the long run.

Along with the carry-over of wartime food experience are several influences encouraging or facilitating the expenditure of a larger share of current income for food. Among these influences are rent controls, wartime accumulation of liquid assets, and limited supplies of some durable goods.

Rent Controls

Rent control has resulted in a smaller proportion of the consumer dollar being used for housing than at any time in the past forty years. In 1947, nonfarm tenant-occupied housing represented less than 3 percent of disposable income, while from 1929 to 1940 it exceeded 5 percent. Today more income is available for other goods and services than would ordinarily be the case. While it is recognized that if rents were not controlled rental incomes would also be increased, it seems probable that landlords and those who supply services to landlords would increase their food expenditures by less than tenants would decrease theirs. It is likely that a part of the rent increase would be paid at the expense of less food expenditures. Accordingly, this factor has considerable importance for tenants, many of whom are in the lower income groups.

Wartime Accumulation of Liquid Assets

The accumulation of liquid assets in the hands of consumers as the result of wartime savings has permitted individual families to spend in excess of postwar income. For consumers in the aggregate, however, its significance lies in the effect on the use of current income. Having accumulated a sizable reserve against the proverbial rainy day, people are willing to spend a larger share of their current income for current consumption, including food.

For consumers in the aggregate this reserve is not dissipated by current expenditure, although some families may draw on the reserve while others are adding to it out of current income. The adequacy of this accumulation of buying power can, however, be reduced by further increases in prices. In the long-run its influence on current spending can be reduced by shifts in the location of the assets—into insurance reserves for example—or simply because people become accustomed to holding larger balances.

The amount of current and accumulated buying power going for the purchase of consumer durable goods is still restricted by the limited output of some of those goods, particularly automobiles. This has meant that additional disposable income has been available for other goods and services because the deferred replacement demand and demand arising from higher incomes have not been satisfied promptly. This influence will last only so long as shortages exist.

² See Wartime Food Purchases, Bureau of Labor Statistics Bulletin No. 838.

The additional disposable income resulting from rent controls and limited output of selected durable goods and the backlog of wartime savings have been effective both through the income and price elasticity of demand for food. The former is increased since more income is available, while the latter is lowered because price resistance takes place at higher levels.

Experience during and after the First World War also suggests that the current free-spending attitude of consumers may not continue. The limited data for that period indicate that the proportion of disposable income spent for food dropped appreciably with the ending of the immediate postwar boom. There was also the development of new outlets for expenditures such as the automobile and what went along with its use.

Food Supply Continues High

On the supply side, the generally big farm output achieved in the war years has continued. Weather conditions in 1947 were less favorable than in the preceding years of high production but their immediate adverse effect was limited largely to food grains. Their indirect effect on output of

animal products was largely postponed until 1948. It now appears that total 1947 agricultural output was very little higher than 1943 and that 1948 will not show substantial improvement because of the livestock component. The expectation still is, however, that a moderate increase in production may occur after 1948. The increase will presumably at least keep pace with population changes and may be expected as a result of rapid mechanization, better fertility practices, greater soil conservation, better cultural practices, and shifts in the utilization of agricultural land.

In addition to the increased agricultural output, further processing and servicing have also contributed to a greater food supply in the fullest sense of the term.

Exports Limit Increase in Supply

As indicated above, the extent of the increase in the domestic supply of food during and since the war has been limited by the shift from net imports to net exports of food. This parallels a somewhat similar development during and after the first World War. The dollar exports and imports of food-stuffs since 1909 are shown in table 5.

Before World War I food exports slightly exceeded imports. In 1918 and 1919 food exports were about two and a half times imports. Then began a substantial curtailment in

Table 5.—Exports and Imports of Foodstuffs, 1909 to 1947¹

[Millions of dollars]

Year ²	Exports	Imports	Net ex- ports	Year ²	Exports	Imports	Net ex- ports
909	439	330	109	1929	754	963	-209
910	369	327	42	1930	542	693	-15
911	385	353	32	1931	374	527	153
912	419	426	-7	1932	241	407	-16
913	503	406	97	1933	203	406	203
914	430	476	-46	1934	227	518	-29
915	962	510	452	1935	216	641	-42
916	1,069	599	470	1936	202	735	-53
917	1,316	738	578	1937	283	853	-57
.918	1,953	743	1,210	1938	433	571	
.919	2,641	1,101	1,540	1939	313	604	
920		1,816	219	1940	241	562	-32
921	1,358	668	690	1941	502	698	-19
.922	1,047	717	330	1942	993	624	36
923	840	893	53	1943	1,660	1,005	65.
.924		947	19	1944	1,767	1,362	40.
925	892	928	-36	1945	1,678	1,155	52
926	838	958	-120	1946	2,172	1, 317	85
.927	884	956	-72	1947 3	1,963	1,351	61
.928	761	956			,	,	

¹ Including beverages. Import data are "general imports" through 1932, "imports for consumption" thereafter.
² Fiscal years 1909 through 1915. Calendar years 1916 through 1946.
³ First 10 months.

Source: U. S. Department of Commerce.

our foreign markets, especially in grains. In every year from 1925 through 1941 the United States was a net food importer. Part of this decline in exports resulted from programs introduced or expanded in Continental Europe.

Again in World War II food exports increased greatly relative to imports, and in 1947 grains and preparations made up roughly half of these exports. To the extent that foreign agricultural economies function effectively and have favorable weather, it is to be expected that food exports will decline. If attempts to return to freer world trade are successful, however, the decline may not be so great as after World War I. Food imports expressed in quantity rather than value terms should increase moderately as the output of tropical products expands to meet world demand.

Thus, on the whole, the outlook on the supply side suggests the ability to maintain, if not to increase, present domestic per capita consumption. Combined with the waning of the temporary influences on the demand side it should with time relieve the upward pressure on prices.

Summary

Since the war, consumers as a whole have been eating more food than in the interwar period, at least 17 to 18 percent more per capita and probably much more if all the elements of food consumption are included. Yet they are devoting 29 percent of their greatly increased disposable income for this purpose, contrasted to a prewar 23 to 24 percent.

The effect of wartime food experience, plus the continuing influence of rent controls, limited supplies of some durable goods, and the wartime accumulation of liquid assets are the primary factors which may account for this apparent shift in the level of demand. The middle two of these are temporary in nature, while the importance of the last-mentioned will decrease to the extent of further price rises, a shift in the form of accumulated saving and consumers' becoming accustomed to larger liquid holdings. Evaluation of the permanence or impermanence of the first factor will be possible only when a test is available under more normal conditions of general production and supply than have prevailed in the postwar experience to date.

Concurrent with this increased demand was an increased wartime food supply, which resulted from patriotic and economic incentives and Government policy. This increased supply has continued after the war, and with the demobilization of the armed forces, more food was available for civilian use.

The increase in the domestic supply has been limited by the amount of net exports, particularly grains and preparations. This effect of net exports should be classed as temporary, although any Government action as exemplified by the proposed European Recovery Program can postpone for a time the anticipated decline. However, the drop under such an assumption may not parallel the post World War I experience.

In contrast to the prewar interrelationships between income and price elasticity of demand for food which resulted in a stable ratio of food expenditures to income, these postwar influences in the first year completely free from food controls resulted in food taking 5 to 6 percent more of the consumer dollar than prewar. This has been most vividly expressed in the postwar rise in the retail price of meat.

Even though the assumption is made that the per capita domestic supply and consumption of food will be maintained at substantially above the prewar level, there is little warrant for the further assumption that the present high ratio of food expenditures to disposable income and the resulting relatively high prices for food will continue indefinitely. The probability would appear to be on the side of adjustment toward-although not necessarily down to-the prewar pattern.

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 November for selected series will be found in the Weekly Supplement to the Survey.

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey		Decem- ber	Janu- ary	Febru- ary	March	April	May	June	. July	August	Sep- tember	Octo- ber	Novem- ber

NATIONAL INCOME AND PRODUCT *						ļ						}	
Seasonally adjusted quarterly totals at annual rates:													
National incomebil. of dol		191.0		•-•-	197.6			200.1			203.3		
Compensation of employeesdodododo		122.2			7 124.7 119.4	·····		126.3 120.9			129.7 124.7		
Private do Military do		98.0			101.5	~~~~~~~~		103.5			107.3		
Militarydo		$5.6 \\ 13.5$			4.6	·····		4.1			3.9		
Government civiliando		13. 5			13. 3 5.4			13.2			13.4 5.0		
Supplements to wages and salariesdo Proprietors' and rental incomedo		46.7			47.0			47.2			47.3		1
Business and professional		22.0			22.4			21.9			22.1		
Farmdo		17.8			17.6 7.0			18.0 7.2			17.9 7.3		
Rental income of personsdodo			1										
Corporate profits and inventory valuation ad- justment		18.8			22.4			23.3			22.9		
Corporate profits tex liability do		$27.1 \\ 11.0$			29.0 11.6			27.4			27.4		
Corporate profits after tax		16. 1			17.4			16.6			16.6		
Inventory valuation adjustment		-8.3			-6.6			-4.1			-4.5		
Net interestdo		3.2]	3.3			3.3	· · - ·		3.4		
Gross national productdo		218.6			223.1			229.1			232.3		
Personal consumption expendituresdo		154.9			158.0			162.0			166.0		
Durable goodsdodddododddd		18.2 93.6			18.5 95.3			19.2			19.9		
Servicesdo		43.1			44.2			45.0			46.1		
Gross private domestic investmentdo		30.4			29.4	1		29.1			30.4		
New constructiondo		9.3 15.7			10.3 16.5			9.6			10.4		
Producers' durable equipment do Change in business inventories do		5.4			2.7			18.0			18.0		
Net foreign investment do Government purchases of goods and services		5.2			8.3								
Government purchases of goods and services		28.2	ļ		0	}	1]				
bil. of dol Federal (less Government sales)do		26. 2 16. 9			27.4 16.0			27.5 15.6		-	28.2 15.8		
State and local		11.2			11.4			11.9			10.8		
Demonstation													
Personal incomedodododo		187.5 19.5			190.9 21.2			192.3			200.4		
Equals: Disposable personal incomedo		168.0			169.7			170.9			178.7		
Personal savings §do		13.1			11.7			8.9					
PERSONAL INCOME*													
Seasonally adjusted, at annual rates:			[1 1					Ī	
Total personal incomebil. of dol Wage and salary receipts, totaldo	188.4	189.9	190.3	190.7	191.8	190.2	191.5	195.1	196.1	194.9	210.9	r 204. 4	204.9
Total employer disbursementsdo	115.4 117.2	117.0 118.8	117.1 119.2	117.5 119.6	117.5 119.6	116.7 118.9	118.3 120.4	121.1 123.2	121.2 123.3	122.5 124.6	$124.5 \\ 126.6$	* 125, 2 * 127, 2	$127.5 \\ 129.4$
Commodity-producing industriesdo	50.6	52.3	53.1	53.2	53.7	53. 2	54.1	55.5	55.1	56.2	57.5	, 127.2	59.6
Distributive industries	33.0	33. 5	33.5	33.7	33.7	33.4	34.2	35.3	35.5	35.7	36.4	* 36.4	37.0
Service industriesdo	14.4 19.2	14.4 18.6	14.6 18.0	14.6 18.1	14.6 17.6	14.8 17.5	14.9 17.2	15.2 17.2	15.4 17.3	15.3	15.2	15.1	15.2
Government do. Less employee contributions for social insur- ance bil. of dol.		10.0	10.0	10, 1	11.0	17.0	11.2	17.2	17.0	17.4	17.5	17.6	17.6
ancebil. of dol	1.8	1.8	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	* 2.0	1.9
Other labor incomedo Proprietors' and rental incomedo	1.6 47.6	1.6 47.2	1.6 46.6	1.7 46.8	1.7 47.7	1.7 46.9	1.8 46.9	1.8 47.6	1.8 47.8	1.8 45.9	1.8	1.9	1.9
Personal interest income and dividends. do	13.5	13.7	13.9	14.0	14.0	14.0	14.0	14.1	14.2	40.9	48.4 15.0	* 50.6 14.9	49.9 15.1
Total transfer paymentsdo	10.3	10.4	11, 1	10.7	10. 9	10.9	10.5	10.5	11.1	10.4	21.2	11.8	10.5
Total nonagricultural incomedo	165.6	167.3	168.2	168.5	168.8	167.8	169.2	171. 9	172.3	173.1	188.1	r 180.1	181.5
NEW PLANT AND EQUIPMENT				10010	100.0	101.0	100.2	111.0	112.0	1/0.1	100.1	100.1	181.5
EXPENDITURES*]											Í	
All industries, total		3, 730			3.160			3, 940			4,070		
Electric and gas utilitiesdo		360			´330			450			510		
Manufacturing and mining		1, 920 180			1,600 160			2,010			2,010		
Railroaddod		1, 280			1.080	--		220 1, 260			290 1, 250		
FARM INCOME AND MARKETINGS		-, _50			1 , 000			1, 200			1, 200	· · • • · · • • • • • • •	
													1
Cash farm income, total, including Government	2, 999	2,438	2, 284	1,897	2,076	1.974	2,026	2, 211	2 669	9 517	3,060	3,773	
payments*mil. of dol From marketings and C. C. C. loans*do	2,986	2, 420	2,248	1,853	2,010	1,914	1,989	2, 185	2, 662 2, 657	2, 517 2, 505	3,000	* 3, 773	3,096
Crops* do	1,450	999	918	707	692	594	621	743	1,205	1, 187	1,497	* 2,122	1,540
Livestock and products*do	$1,536 \\ 315$	$1,421 \\ 317$	1, 330 330	$1,146 \\ 292$	1, 318 345	1,320	1, 368 379	1,442	1,452	1, 318	1, 552	1,637	1,556
Livestock and products*do Dairy products*do Meat animals*do Poultry and eggs*do	933	829	807	667	545 743	$ 345 \\ 726 $	379 705	392 782	382 785	353 711	334 958	319 1,039	293 970
Poultry and eggs*do	274	266	187	181	224	236	261	234	251	232	244	1,039	280
												·	

 Revised. § Personal savings is the excess of disposable income over personal consumption expenditures shown as a component of gross national product above.
 New series. Quarterly data for 1939-46 and annual data beginning 1929 for national income and gross national product and monthly data for 1929-46 for personal income are published in the "National Income Supplement to Survey of Current Business", which is available from the Superintendent of Documents, Washington, D. C., for 25 cents; these series are compiled by the U.S. Department of Commerce. For source and a brief description of the series on plant and equipment expenditures, see note marked "**" on p. S-2 of the September 1947 survey; third quarter of 1947 estimates are based on anticipated capital expenditures of business. Revisions for January 1945-May 1946 for farm income are available on request; see note in September 1947 Survey regarding earlier data.

GENERAL BUSINESS INDICATORS

Unless otherwise stated, statistics through		1946						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	October	Novem ber
	GENE	RAL I	BUSIN	ESS II	NDICA	TORS-	-Cont	inued					
FARM INCOME AND MARKETINGS-Con.													
Indexes of cash income from marketings and C. C. C. loans, unadjusted: All commoditiest	449 508 405 168 169 166	364 350 375 150 153 148	338 322 351 147 154 142	279 247 302 120 115 124	303 242 348 122 101 138	288 208 349 116 80 143	299 217 361 126 87 156	329 260 381 138 106 161	400 422 383 167 180 156	377 416 348 152 170 138	459 524 410 172 202 150	+ 566 + 743 432 + 199 + 255 157	46 53 41 16 17 15
INDUSTRIAL PRODUCTION													
Federal Reserve Index										1	Į	ļ	
Unadjusted, combined index†1935-39=100	183	180	184	185	187	185	185	185	178	185	191	193	₽ 19
Manufactures†dodo	192	188	192	193	195	193	191	191	184	* 191	197	200	P 19
Durable manufacturest do Iron and steelt do Lumber and productst do Furnituret do Machineryt do Nonferrous metals and productst do Fabricatingt do Stone, clay, and glass productst do Clay productst do Clay containerst do Transportation equipment do Automobilestt do	$\begin{array}{c} 214\\ 178\\ 139\\ 157\\ 131\\ 271\\ 192\\ 198\\ 176\\ 207\\ 175\\ 155\\ 254\\ 235\\ 187\\ \end{array}$	$\begin{array}{c} 209\\ 159\\ 129\\ 160\\ 114\\ 276\\ 197\\ 203\\ 182\\ 203\\ 161\\ 158\\ 247\\ 235\\ 187\\ \end{array}$	$\begin{array}{c} 218\\ 192\\ 126\\ 161\\ 107\\ 277\\ 203\\ 211\\ 184\\ 208\\ 148\\ 156\\ 273\\ 229\\ 181\\ \end{array}$	$\begin{array}{c} 220\\ 191\\ 135\\ 167\\ 118\\ 277\\ 208\\ 215\\ 190\\ 205\\ 154\\ 156\\ 255\\ 233\\ 190\\ \end{array}$	$\begin{array}{c} 223\\ 196\\ 140\\ 166\\ 126\\ 281\\ 202\\ 205\\ 196\\ 209\\ 157\\ 159\\ 269\\ 239\\ 197\\ \end{array}$	$\begin{array}{c} 222\\ 195\\ 143\\ 161\\ 134\\ 276\\ 197\\ 195\\ 203\\ 208\\ 166\\ 166\\ 263\\ 237\\ 193\\ \end{array}$	$\begin{array}{c} 219\\ 197\\ 145\\ 158\\ 138\\ 273\\ 187\\ 183\\ 198\\ 206\\ 148\\ 162\\ 269\\ 225\\ 179\\ \end{array}$	$\begin{array}{c} 220 \\ 193 \\ 149 \\ 160 \\ 143 \\ 275 \\ 179 \\ 176 \\ 187 \\ 209 \\ 183 \\ 163 \\ 163 \\ 254 \\ 233 \\ 191 \\ \end{array}$	$\begin{array}{c} 208\\ 181\\ 141\\ 155\\ 133\\ 266\\ 171\\ 167\\ 180\\ 196\\ 181\\ 160\\ 225\\ 217\\ 185\\ \end{array}$	212 188 151 7 160 147 267 170 167 180 7 207 193 166 241 7 213 7 180	219 195 150 164 143 276 174 171 182 211 198 166 248 r 227 r 197	224 204 150 7 172 7 138 7 280 7 179 180 7 179 180 7 179 202 7 170 236 7 233 198	p 17 23 p 23 p 20 p 20
Nondurable manufacturest do. Alcoholic beveragest do. Chemicalst do. Industrial chemicals* do. Leather and productst do. Leather tanning* do. Shoes. do. Dairy productst do. Dairy productst do. Processed fruits and vegetables* do. Paper and productst do. Paper and productst do. Petroleum and coal productst do. Coke do.	$ \begin{array}{c c} & 174 \\ & 196 \\ & 244 \\ & 411 \\ & 123 \\ & 114 \\ & 129 \\ & 158 \\ & \mathfrak{p} \ 96 \\ & 181 \\ & 147 \\ & 153 \\ & 147 \\ & 157 \end{array} $	$\begin{array}{c} 172\\ 210\\ 250\\ 422\\ 114\\ 110\\ 117\\ 157\\ p\ 95\\ 175\\ 132\\ 150\\ 146\\ p\ 178\\ 143\\ 143\\ \end{array}$	171 206 250 430 116 113 118 149 p 95 191 102 156 150 150 171	171 195 252 429 123 127 121 140 * 107 152 86 157 151 * 185 5 172	171 187 254 431 121 121 121 121 140 \$ 127 138 83 159 154 \$ 185 172	169 182 253 433 115 118 13 144 * 161 139 88 156 150 * 179 166	169 167 252 435 113 119 109 149 × 202 151 90 161 155 × 184 168	168 178 247 439 106 112 103 154 * 229 150 101 160 155 * 191 165	$\begin{array}{c} 165\\ 182\\ 247\\ 438\\ 99\\ 100\\ 97\\ 166\\ p229\\ 146\\ 173\\ 145\\ 140\\ p195\\ 161\\ \end{array}$	173 181 245 431 116 114 117 * 178 * 192 127 263 156 151 171	178 206 7 248 425 121 118 123 181 156 136 7 287 157 150 9 203 170	180 252 250 7 425 125 125 122 127 7 165 9 121 144 7 171 161 155 9 203 177	p 25 p 42 p 15 p 15 p 15 p 15
Petroleum refining 1	$ \begin{array}{c} 135\\243\\174\\164\\256\\181\\172\end{array} $	141 252 164 141 254 180 138	133 247 172 161 263 171 157	138 246 173 161 262 178 160	145 239 172 160 270 172 149	144 234 166 154 270 159 151	145 220 164 148 271 161 142	$\begin{array}{c} 146\\ 216\\ 155\\ 133\\ 263\\ 155\\ 155\\ 165\end{array}$	$ \begin{array}{r} 130 \\ 207 \\ 142 \\ 118 \\ 263 \\ 130 \\ 162 \end{array} $	$139 \\ + 210 \\ 154 \\ 130 \\ 267 \\ 156 \\ 165 \\ 165$	$\begin{array}{c} 145\\ r\ 217\\ 160\\ 130\\ 279\\ r\ 168\\ 172 \end{array}$	* 156 * 223 * 164 139 * 280 168 181	p 1 p 2 p 1' 1 1 2
Mineralst do Fuelst do Anthracitet do Bituminous coalt do Crude petroleum do Metals do	135 140 123 116 150 105	$132 \\ 141 \\ 121 \\ 130 \\ 147 \\ 76$	141 151 118 173 146 81	141 150 107 162 150 84	143 153 113 163 153 83	139 144 102 127 155 112	153 156 104 165 157 140	152 153 110 147 159 148	145 144 93 117 160 151	$155 \\ 155 \\ 114 \\ 151 \\ 161 \\ 151$	$158 \\ 160 \\ 122 \\ 161 \\ 164 \\ 144$	r 158 162 126 7 163 7 166 132	p 1(p 1) p 1(p 1) p 1(p 1)
Adjusted, combined index tdodo	183	182	189	189	190	187	185	184	176	182	186	190	P 19
Manufacturesdo	191	190	196	197	198	194	191	191	183	188	192		
Durable manufactures do Lumber and products do Nonferrous metals do Stone, clay, and refining* do Stone, clay, and glass products. do Cement. do Olay products* do Olass containers do Nondurable manufactures do Olass containers do Olass containers do Chemicals do Leather and products do Manufactured food products do Dairy products do Dairy products do Processed fruits and vegetables* do Paper and products do Paper and coal products do Paper and coal products do Petroleum and coal products do Petroleum refiningt do Petroleum refiningt do Putroeue "blither" do	214 142 135 192 175 202 162 150 251 173 213 243 121 110 156 163 163 163 163 163	211 141 132 197 181 210 177 152 265. 265. 264. 234 249 115 100 160 160 160 160 170 150 150 146 \$277	221 142 131 203 184 219 182 278 278 278 278 241 251 116 113 161 173 163 157 156 150 • 150	222 147 137 208 190 219 203 164 263 263 176 223 251 150 157 157 157 157 157 157	225 147 138 202 195 218 192 165 269 269 269 269 175 208 251 122 122 157 153 159 154 159 154 155	2222 144 1355 .97 203 211 175 164 263 172 283 172 283 116 116 116 119 158 150 1455 156 150 1455 156	218 142 134 187 198 200 141 162 253 113 170 162 253 113 115 5 151 152 151 158 161 155 184	219 142 133 179 188 207 171 168 250 107 168 159 250 107 114 154 155 152 152 152 152 165 165 165	207 133 121 171 181 195 164 160 235 163 164 251 100 106 155 156 133 31 146 140 • 195	r 210 r 142 133 170 180 199 171 162 231 169 176 249 176 249 176 249 176 155 156 155 156 155 155 156 157 145	218 140 128 174 182 7 202 171 160 243 172 198 248 122 198 248 122 157 157 157 157 157	r 201 174 161 229 229 248 125 7 121 155 142 142 133 161 155 <i>p</i> 203	p 1 p 1 p 1 p 1 p 1 p 2 p 1 p 2 p 1 p 2 p 1 p 2 p 1 p 1 p 2 p 1 p 1 p 1 p 1 p 1 p 1 p 1 p 1 p 1 p 1
Printing and publishingdo Textiles and productsdo	130 174	138 164	138 172	140 173	142 172	141 166	142 164	146 155	139 142	145 154	144 160	152 r 164	P1
Tobacco productsdo	169 136	148 137	158 146	168 146	158 148	160 143	142 151	159 148	156 140	160 150	163 153	175	

Revised. > Preliminary. ‡Index is in process of revision.
 *New series. Data beginning 1939 for the new series under industrial production are shown on pp. 18 and 19 of the December 1943 Survey. For a description of the indexes of the volume of farm marketings and data for 1929-42, see pp. 23-32 of the April 1943 Survey; indexes since 1942 are from the U. S. Department of Agriculture; data beginning 1940 are subject to revision.
 *Revised series. For revisions for the indexet and unadjusted indexes and all seasonally adjusted indexes for the industrial production series, see pp. 18-20 of December 1943 Survey; seasonal adjustment factors for a number of industries were fixed at 100 beginning various months during 1929-42; data for these industries are shown only in the unadjusted series. Revisions for January 1946-May 1946 for the indexes of cash income from farm marketings are available on request; see note in September 1947 Survey, p. 8-1, regarding earlier data.

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	October	Novem ber
	GENI	ERAL	BUSIN	ESS I	NDICA	TORS	Cont	inued					
MANUFACTURERS' ORDERS, SHIPMENTS AND INVENTORIES													
New orders, index, total†avg. month 1939=100. Durable goods industries. do Iron and steel and their products. do Other durable goods. do Shipments, index, total† do Durable goods industries. do Durable goods industries. do Durable goods industries. do Durable goods industries. do Machinery, including electrical. do Machinery, including electrical. do Machinery, including electrical. do Nonferrous metals and products. do Other durable goods industries. do Products of petroleum and coal. do Products of petroleum and coal. do Products of petroleum and coal. do Prexile-mile products. do Prextile-mile products. do Previle-modurable goods industries. do Other nondurable goods industries. do	$\begin{array}{c} 233\\ 254\\ 274\\ 314\\ 186\\ 186\\ 221\\ 221\\ 278\\ 235\\ 315\\ 319\\ 503\\ 270\\ 260\\ 260\\ 260\\ 260\\ 260\\ 260\\ 306\\ 242\\ 219\\ 313\\ 313\\ 221\\ 240\\ \end{array}$	$\begin{array}{c} 241\\ 271\\ 294\\ 326\\ 203\\ 276\\ 292\\ 255\\ 336\\ 561\\ 271\\ 266\\ 255\\ 306\\ 248\\ 232\\ 232\\ 352\\ 2352\\ 251\\ 219\\ 251\\ \end{array}$	240 270 295 308 205 225 224 246 326 326 326 260 264 291 255 224 290 201 255 224 290 201 255	$\begin{array}{c} 254\\ 225\\ 327\\ 344\\ 224\\ 229\\ 2290\\ 267\\ 256\\ 364\\ 366\\ 366\\ 366\\ 366\\ 375\\ 277\\ 377\\ 327\\ 327\\ 315\\ 228\\ 315\\ 228\\ 267\\ \end{array}$	249 288 319 336 288 268 268 364 364 364 364 270 272 278 301 278 301 278 301 278 301 263 263	$\begin{array}{c} 241\\ 279\\ 308\\ 316\\ 219\\ 219\\ 288\\ 320\\ 268\\ 366\\ 371\\ 597\\ 3000\\ 265\\ 278\\ 282\\ 278\\ 282\\ 276\\ 244\\ 4311\\ 311\\ 209\\ 265\\ \end{array}$	235 226 273 294 209 222 283 313 258 368 365 265 285 265 282 273 273 255 282 273 255 282 273 255 282 273 255 282 273 255 282 273 255 282 273 255 282 273 255 283 294 294 294 295 295 295 295 295 295 295 295 295 295	245 271 304 315 280 292 323 280 274 395 265 205 277 265 277 263 312 216 265	* 231 260 2711 328 1944 251 287 261 406 406 259 260 252 292 292 292 292 292 292 292 292 292	231 261 286 307 199 213 282 271 352 311 497 289 289 289 288 285 267 266 205 300 300 205	260 292 312 230 240 316 336 298 294 393 340 567 319 300 295 332 279 277 277 234 302	* 255 * 291 * 309 * 346 * 229 * 233 318 * 339 * 307 * 299 391 * 355 * 526 * 321 * 304 * 293 * 276 * 233 * 293 * 276 * 234 * 304 * 297 * 335 * 327 * 329 * 327 * 327 * 329 * 327 * 327	32 35 30 30 41 39 56 31 30 36 29 30 23 22 32
Inventories: do Index, total	200 215 259 137 284 167 781 147 185 185 189 183 134 215 173 207	$\begin{array}{c} 204\\ 220\\ 256\\ 138\\ 290\\ 166\\ 819\\ 153\\ 190\\ 195\\ 202\\ 185\\ 133\\ 216\\ 174\\ 208\end{array}$	$\begin{array}{c} 209\\ 226\\ 269\\ 140\\ 299\\ 179\\ 816\\ 195\\ 199\\ 206\\ 187\\ 134\\ 238\\ 177\\ 217\\ \end{array}$	213 232 284 142 306 182 860 159 204 203 197 204 203 192 133 250 178 221	217 238 298 143 316 184 897 165 199 211 202 196 136 262 183 222	222 244 300 145 326 184 928 170 203 201 201 130 273 188 223	$\begin{array}{c} 226\\ 251\\ 314\\ 150\\ 334\\ 186\\ 959\\ 172\\ 204\\ 228\\ 199\\ 206\\ 142\\ 282\\ 189\\ 222\\ \end{array}$	$\begin{array}{c} 228\\ 254\\ 321\\ 153\\ 339\\ 966\\ 966\\ 172\\ 205\\ 728\\ 104\\ 218\\ 145\\ 281\\ 186\\ 228\end{array}$	$\begin{array}{c} 228\\ 256\\ 320\\ 157\\ 341\\ 191\\ 970\\ 171\\ 204\\ 225\\ 196\\ 229\\ 148\\ 272\\ 186\\ 222\\ 186\\ 222\\ \end{array}$	$\begin{array}{c} 231\\ 259\\ 327\\ 160\\ 343\\ 191\\ 990\\ 171\\ 206\\ 223\\ 210\\ 239\\ 152\\ 262\\ 156\\ 186\\ 218\\ \end{array}$	233 261 330 163 346 192 998 174 207 218 215 245 154 154 	236 264 7 327 164 7 351 190 7 1,022 177 211 7 215 219 7 247 157 7 184 7 225	22 22 33 14 1,00 17 22 22 22 22 14 11 22 22 22 22 14
mil. of dol	19, 896	20, 259	20, 805	21, 176	21, 612	22, 058	22, 424	22, 618	22, 678	22, 936	23, 120	* 23, 436	23, 7

BUSINESS POPULATION

OPERATING BUSINESSES AND BUSINESS TURN-OVER*													
Operating businesses, total, end of quarter thousands thousands Contract construction do Manufacturing		246. 4 305. 1 1, 694. 3 168. 8 695. 4 547. 9			$\begin{array}{c} \textbf{3, 731. 4} \\ \textbf{257. 2} \\ \textbf{312. 1} \\ \textbf{1, 726. 6} \\ \textbf{173. 1} \\ \textbf{709. 6} \\ \textbf{552. 9} \\ \textbf{128. 0} \\ \textbf{54. 4} \\ \textbf{126. 8} \end{array}$			p 3,783.6 p 267.8 p 316.7 p 1,747.6 p 176.3 p 555.4 p 108.9 p 56.7 p 102.3					
INDUSTRIAL AND COMMERCIAL FAILURES													
Grand total number Commercial service do. Construction do. Manufacturing and mining do. Retail trade do. Wholesale trade do. Liabilities, grand total thous of dol Construction do. Construction do. Manufacturing and mining do. Manufacturing and mining do. Manufacturing and mining do. Wholesale trade do.	$104 \\ 13 \\ 9 \\ 38 \\ 36 \\ 8 \\ 12,511 \\ 3,202 \\ 136 \\ 8,492 \\ 392 \\ 289$	$141 \\ 14 \\ 18 \\ 58 \\ 35 \\ 16 \\ 17, 105 \\ 801 \\ 266 \\ 7, 217 \\ 1, 025 \\ 7, 796 \\$	$\begin{array}{c} 202\\ 17\\ 15\\ 67\\ 76\\ 27\\ 15, 193\\ 582\\ 575\\ 11, 020\\ 1, 674\\ 1, 342\\ \end{array}$	$\begin{array}{c} 238\\ 22\\ 20\\ 92\\ 70\\ 34\\ 12,976\\ 651\\ 766\\ 7,654\\ 1,396\\ 2,509\\ \end{array}$	$\begin{array}{c} 254\\ 21\\ 13\\ 108\\ 88\\ 24\\ 15, 251\\ 758\\ 341\\ 11, 336\\ 1, 169\\ 1, 647\\ \end{array}$	$\begin{array}{c} 277\\ 23\\ 16\\ 117\\ 84\\ 37\\ 16,080\\ 1,015\\ 247\\ 11,822\\ 1,503\\ 1,493\\ \end{array}$	$\begin{array}{c} 378\\ 33\\ 20\\ 155\\ 119\\ 51\\ 17, 326\\ 739\\ 321\\ 10, 971\\ 3, 037\\ 2, 258\end{array}$	$\begin{array}{c} 283\\ 21\\ 23\\ 95\\ 108\\ 36\\ 18, 982\\ 610\\ 664\\ 14, 220\\ 1, 614\\ 1, 874 \end{array}$	$\begin{array}{c} 299\\ 30\\ 17\\ 107\\ 40\\ 37, 137\\ 19, 863\\ 384\\ 12, 466\\ 2, 280\\ 2, 144 \end{array}$	$\begin{array}{c} 287\\ 23\\ 19\\ 99\\ 102\\ 44\\ 14,903\\ 655\\ 176\\ 10,426\\ 1,668\\ 1,978\\ \end{array}$	$\begin{array}{c} 292\\ 28\\ 20\\ 101\\ 103\\ 40\\ 10,034\\ 829\\ 444\\ 5,964\\ 1,390\\ 1,407\\ \end{array}$	$\begin{array}{c} 336\\ 29\\ 25\\ 98\\ 129\\ 55\\ 21, 322\\ 1, 074\\ 2, 301\\ 13, 337\\ 2, 289\\ 2, 321\\ \end{array}$	$\begin{array}{c} 313\\ 23\\ 25\\ 26\\ 115\\ 26\\ 16, 345\\ 505\\ 537\\ 12, 574\\ 1, 531\\ 1, 198\end{array}$
BUSINESS INCORPORATIONS													
New incorporations (4 states)number	3, 068	3, 561	4, 202	3, 018	3, 299	2, 996	2, 870	2, 893	2, 595	2, 494	2, 612	3, 269	2, 767

r Revised. > Preliminary.
 *New series. For estimated value of manufacturers' inventories for 1938-42, see p. 7 of the June 1942 Survey and p. S. 2 of the May 1943 issue. For data through 1944 for the series on operating businesses and business turnover, see pp. 21-23 of the May 1946 Survey and p. 10 of the May 1944 issue.
 †Revised series. See notes marked "t" on pp. 8-2 and 8-3 of the September 1947 Survey for reference to revised data for manufacturers' orders, shipments and inventories.

Unless otherwise stated, statistics through	19	946						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	October	Novem- ber
			COM	MODI	ry pr	ICES							
PRICES RECEIVED AND PAID BY FARMERS													
Prices received, all farm products† 1909-14=100 Crops	313 307 230	$\begin{array}{c} 264\\ 232\\ 224\\ 186\\ 406\\ 242\\ 211\\ 166\\ 334\\ 294\\ 311\\ 312\\ 226\\ \end{array}$	260 223 184 399 240 196 238 336 281 306 292 201	262 245 235 385 246 203 275 334 278 319 270 192	280 266 283 212 390 257 215 299 360 292 345 269 199	276 269 277 223 387 260 223 295 358 282 331 257 204	272 268 276 218 390 270 222 286 326 326 327 327 241 203	271 262 253 240 390 275 228 215 318 278 338 233 205	$\begin{array}{c} 276\\ 263\\ 251\\ 253\\ 390\\ 289\\ 215\\ 189\\ 314\\ 286\\ 343\\ 244\\ 220\\ \end{array}$	276 255 246 270 383 267 177 211 308 295 349 258 224	286 254 278 297 352 252 181 179 311 315 367 282 246 246	289 261 302 284 357 247 166 238 344 313 360 283 251	287 208 312 253 354 257 151 272 349 304 338 223 242
All commodities 1910-14=100. Commodities used in living do Commodities used in production do All commodities, interest and taxes do	224 239 204 212 124	225 239 207 213 124	227 242 207 215 121	234 248 215 221 119	240 252 224 227 123	243 255 227 230 120	242 254 226 229 119	244 252 233 231 117	244 252 234 231 119	249 256 239 235 117	253 259 246 238 120	254 261 246 239 121	$ \begin{array}{r} 257 \\ 264 \\ 248 \\ 242 \\ 119 \end{array} $
Parity ratio*dodo	124	124	121	119	120	120	115	111	115	,,	120	121	19
All commodities (U. S. Department of Commerce index)	171.5	172.7	172.7	172.7	177. 2	177.2	177.1	178.7	179.7	181.4	184.9	184.9	
Coal (U. S. Department of Labor indexes): Anthracite1923-25=100 Bituminousdo Consumers' price index (U. S. Department of	119.6 116.5	119.6 117.6	121.6 121.9	121. 6 122. 2	121.6 122.3	121. 5 122. 5	116. 8 123. 4	$116.8 \\ 123.6$	119. 2 129. 5	126.5 139.1	128.3 r 139.4	129. 4 140. 5	p 130. 4 p 143. 9
Labor): § 100	152. 2 171. 0 187. 7 140. 6 198. 5 203. 6 114. 8 91. 8 137. 2 171. 0	153.3 176.5 185.9 141.7 200.9 185.0 197.8 115.5 92.0 138.3 177.1	153, 3 179, 0 183, 8 143, 4 190, 1 187, 9 199, 0 117, 3 91, 9 142, 1 179, 1 108, 8 137, 1	$\begin{array}{c} 153.2\\ 181.5\\ 182.3\\ 144.1\\ 183.2\\ 191.7\\ 196.7\\ 117.5\\ 92.2\\ 142.3\\ 180.8\\ 108.9\\ 137.4 \end{array}$	$\begin{array}{c} 156.3\\ 184.3\\ 189.5\\ 148.1\\ 187.5\\ 199.6\\ 207.6\\ 117.6\\ 92.2\\ 142.2\\ 142.3\\ 109.0\\ 138.2 \end{array}$	$\begin{array}{c} 156.\ 2\\ 184.\ 9\\ 188.\ 0\\ 153.\ 4\\ 178.\ 9\\ 200.\ 4\\ 202.\ 6\\ 118.\ 4\\ 92.\ 5\\ 143.\ 8\\ 182.\ 5\\ 109.\ 0\\ 139.\ 2\end{array}$	$\begin{array}{c} 156.0\\ 185.0\\ 187.6\\ 154.2\\ 171.5\\ 207.0\\ 203.9\\ 117.7\\ 92.4\\ 142.4\\ 181.9\\ 109.2\\ 139.0\\ \end{array}$	$\begin{array}{c} 157.1\\ 185.7\\ 190.5\\ 154.6\\ 205.0\\ 216.9\\ 117.7\\ 91.7\\ 143.0\\ 182.6\\ 109.2\\ 139.1 \end{array}$	$\begin{array}{c} 158.4\\ 184.7\\ 193.1\\ 155.0\\ 178.8\\ 202.0\\ 220.2\\ 119.5\\ 91.7\\ 146.6\\ 184.3\\ 110.0\\ 139.5 \end{array}$	$\begin{array}{c} 160.3\\ 185.9\\ 196.5\\ 155.7\\ 183.8\\ 199.8\\ 228.4\\ 123.8\\ 92.0\\ 155.4\\ 8\\ 184.2\\ 111.2\\ 139.8\\ \end{array}$	$\begin{array}{c} 163.8\\ 187.6\\ 203.5\\ 157.8\\ 195.2\\ 240.6\\ 124.6\\ 92.1\\ 156.3\\ 187.5\\ 113.6\\ 140.8\\ \end{array}$	92. 2 157. 4 187. 8 114. 9	
WHOLESALE PRICES		ļ											
U. S. Department of Labor indexes: Combined indexc ³	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 140.9\\ 135.7\\ 153.2\\ 136.2\\ 168.1\\ 163.0\\ 194.7\\ 134.8\\ 160.1\\ 139.5\\ 180.0\\ 134.5\\ 188.2 \end{array}$	141.5 136.7 152.1 138.8 165.0 162.6 136.1 156.2 139.9 164.6 131.6 131.6 183.4	144.5 139.7 154.9 142.1 170.4 171.1 201.5 138.6 162.0 141.3 161.8 134.2 199.5	$\begin{array}{c} 149.5\\ 143.3\\ 163.2\\ 145.9\\ 182.6\\ 203.3\\ 216.0\\ 142.1\\ 167.6\\ 150.4\\ 157.6\\ 141.5\\ 207.3\end{array}$	147. 7 141. 9 160. 1 144. 5 177. 0 199. 8 199. 2 141. 0 162. 4 154. 1 148. 8 142. 2 196. 7	$\begin{array}{c} 147.1\\ 141.7\\ 158.6\\ 144.9\\ 175.7\\ 202.4\\ 198.7\\ 140.6\\ 159.8\\ 151.7\\ 138.8\\ 144.3\\ 203.0 \end{array}$	148.0 141.7 160.2 145.9 177.9 206.0 200.9 140.7 161.8 149.2 140.9 145.2 208.6	$\begin{array}{c} 150.\ 6\\ 144.\ 0\\ 165.\ 3\\ 147.\ 0\\ 181.\ 4\\ 202.\ 3\\ 209.\ 9\\ 143.\ 6\\ 167.\ 1\\ 154.\ 7\\ 152.\ 8\\ 139.\ 7\\ 217.\ 9\end{array}$	$\begin{array}{c} 153.6\\ 147.6\\ 167.0\\ 149.5\\ 181.7\\ 208.8\\ 215.9\\ 147.2\\ 172.3\\ 153.3\\ 164.3\\ 133.0\\ 234.6\end{array}$	$\begin{array}{c c} 157.4\\ 151.6\\ 170.8\\ 151.9\\ 186.4\\ 230.3\\ 224.8\\ 150.8\\ 179.3\\ 158.7\\ 170.6\\ 130.1\\ 244.8 \end{array}$	$\begin{array}{c} 158.5\\ \textbf{r}\ 154.1\\ \textbf{r}\ 175.1\\ 154.0\\ 189.7\\ 241.4\\ 224.5\\ \textbf{r}\ 151.5\\ 177.8\\ 167.6\\ 167.3\\ 130.8\\ 230.0 \end{array}$	$\begin{array}{c} 159.\ 5\\ 152.\ 1\\ 175.\ 5\\ 156.\ 4\\ 187.\ 9\\ 245.\ 5\\ 211.\ 0\\ 153.\ 1\\ 178.\ 0\\ 172.\ 5\\ 175.\ 9\\ 135.\ 5\\ 217.\ 6\end{array}$
Notact 000000000000000000000000000000000000	$\begin{array}{c} 122.5\\ 151.3\\ 118.9\\ 106.9\\ 152.8\\ 96.3\\ 191.0\\ 94.5\\ 65.2\\ 84.4\\ 73.4\\ 172.5\\ 221.0\\ 178.1\\ 162.9\\ 118.2\\ 124.4\\ 111.8\\ 3130.2\\ 114.0\\ 0\\ 118.4\\ 107.2 \end{array}$	$\begin{array}{c} 124.7\\ 157.8\\ 130.0\\ 106.9\\ 227.2\\ 155.4\\ 125.7\\ 111.8\\ 181.2\\ 95.1\\ 203.0\\ 96.1\\ 65.8\\ 83.1\\ 75.8\\ 176.7\\ 216.5\\ 83.1\\ 75.8\\ 176.7\\ 216.5\\ 185.0\\ 169.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 113.9\\ 120.2\\ 126.3\\ 12$	$\begin{array}{c} 127.\ 6\\ 169.\ 7\\ 132.\ 2\\ 108.\ 3\\ 249.\ 9\\ 171.\ 2\\ 128.\ 1\\ 112.\ 7\\ 99.\ 9\\ 210.\ 6\\ 97.\ 6\\ 112.\ 7\\ 181.\ 7\\ 69.\ 9\\ 80.\ 8\\ 76.\ 5\\ 175.\ 1\\ 198.\ 6\\ 170.\ 6\\ 170.\ 6\\ 123.\ 3\\ 128.\ 4\\ 118.\ 6\\ 123.\ 9\\ 128.\ 9\\ 130.\ 5\\ 117.\ 0\end{array}$	$\begin{array}{c} 128.5\\ 174.8\\ 132.3\\ 109.9\\ 263.6\\ 173.9\\ 129.3\\ 113.8\\ 182.5\\ 99.2\\ 214.3\\ 99.2\\ 214.3\\ 76.6\\ 173.8\\ 191.4\\ 181.1\\ 171.5\\ 124.6\\ 129.6\\ 119.5\\ 137.9\\ 125.0\\ 131.3\\ 117.1\end{array}$	$\begin{array}{c} 131. 1\\ 1.77. 5\\ 1.32. 4\\ 1.12. 3\\ 2.69. 3\\ 1.76. 1\\ 1.32. 2\\ 1.14. 5\\ 1.82. 7\\ 101. 8\\ 2.31. 5\\ 1.00. 7\\ 64. 3\\ 84. 9\\ 81. 7\\ 1.74. 6\\ 1.92. 2\\ 1.83. 7\\ 1.71. 5\\ 1.25. 8\\ 1.31. 4\\ 1.20. 0\\ 1.39. 9\\ 1.26. 9\\ 1.39. 0\\ 1.17. 9\end{array}$	$\begin{array}{c} 131.8\\ 178.8\\ 178.8\\ 134.5\\ 114.0\\ 273.5\\ 1175.5\\ 113.2\\ 119.5\\ 132.2\\ 119.5\\ 119.5\\ 119.5\\ 132.2\\ 119.5\\ 132.2\\ 119.5\\ 132.2\\ 119.5\\ 132.2\\ 119.5\\ 110.2\\ 1$	$\begin{array}{c} 131.9\\ 177.0\\ 0\\ 134.5\\ 114.0\\ 269.4\\ 169.2\\ 127.1\\ 118.7\\ 173.6\\ 102.5\\ 179.9\\ 0\\ 103.3\\ 64.1\\ 85.0\\ 86.8\\ 170.8\\ 170.8\\ 170.8\\ 172.2\\ 128.8\\ 136.9\\ 120.3\\ 141.4\\ 128.6\\ 143.9\\ 120.0\\ \end{array}$	$\begin{array}{c} 131.4\\ 174.4\\ 174.4\\ 134.7\\ 114.3\\ 266.1\\ 120.2\\ 118.7\\ 156.1\\ 101.8\\ 103.9\\ 64.4\\ 85.8\\ 87.5\\ 173.2\\ 103.9\\ 64.4\\ 85.8,7.5\\ 173.2\\ 187.1\\ 178.9\\ 172.6\\ 129.2\\ 187.2\\ 187.2\\ 137.2\\ 120.2\\ 120.9\\ 142.6\\ 131.4\\ 142.9\\ 119.1\\ \end{array}$	$\begin{array}{c} 133.4\\ 175.7\\ 143.3\\ 114.9\\ 269.0\\ 156.1\\ 118.8\\ 119.9\\ 65.0\\ 119.9\\ 65.0\\ 108.5\\ 89.8\\ 178.4\\ 108.5\\ 89.8\\ 178.4\\ 108.5\\ 187.4\\ 173.2\\ 129.8\\ 1187.4\\ 173.2\\ 129.8\\ 1187.4\\ 123.8\\ 1123.1\\ 121.1\\ 121.1\\ 121.1\\ 121.3\\ 122.4\\ 122.4\\ 123.3\\ 123.3\\ 123.3\\ 123.4\\ 123$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c} 138.2\\ 183.3\\ 145.4\\ 119.0\\ 285.7\\ 157.9\\ 121.3\\ 118.2\\ 128.6\\ 109.8\\ 155.6\\ 114.1\\ 65.2\\ 87.0\\ 93.7\\ 184.8\\ 221.1\\ 197.4\\ 175.2\\ 130.6\\ 138.5\\ 122.4\\ 150.7\\ 140.4\\ 142.0\\ 0\\ 135.9\end{array}$	$ \begin{array}{c} 145.6\\ 120.1\\ 290.0\\ 161.4\\ 128.6\\ 122.1\\ 137.5\\ 111.3\\ 193.4\\ 115.9\\ 86.8\\ 96.5\\ 191.7\\ 204.3\\ 178.0\\ 132.3\\ 123.3\\ 124.9\\ 151.1\\ 140.8\\ 142.0\\ \end{array} $	$\begin{array}{c} 202.4\\ 263.4\\ 216.0\\ 187.0\\ 132.9\\ 140.0\\ 125.5\\ 151.5\\ 140.9\\ 142.2\end{array}$

Unless otherwise stated, statistics through	19	46				······································		1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	Jul y	August	Sep- tember	October	Novem-
		СОМ	MODI	ry pr	ICES-	-Conti	nued			<u> </u>			; <u></u>
WHOLESALE PRICES—Continued										}			
U. S. Department of Labor indexes—Continued Commodities other than farm, etc—Con. Textile products	131. 6 127. 9 174. 7 89. 3 32. 0 115. 0 117. 7 106. 5 73. 0 127. 7	134.7 129.8 181.6 96.9 33.8 103.2 119.0 108.9 73.0 136.4	136. 6 132. 4 184. 6 99. 3 33. 8 101. 2 120. 8 110. 3 73. 0 141. 9	138.0 132.7 193.7 100.0 37.0 80.2 121.9 110.9 73.0 143.4	139. 6 133. 0 196. 6 100. 8 37. 0 73. 2 127. 5 115. 3 73. 0 145. 1	139, 2 133, 0 194, 7 100, 8 37, 0 69, 4 129, 1 115, 7 73, 0 152, 5	138, 9 133, 9 193, 0 100, 8 37, 0 67, 9 129, 2 116, 1 73, 0 154, 3	138. 9 133. 9 193. 8 100. 8 37. 0 68. 4 129. 2 112. 7 62. 5 154. 2	139. 5 134. 3 195. 9 100. 4 37. 0 68. 2 130. 1 113. 0 60. 8 157. 2	140. 8 134. 3 199. 2 99. 9 37. 0 68. 2 133. 3 112. 7 60. 8 157. 6	142. 0 134. 4 202. 3 99. 9 37. 0 68. 3 133. 8 115. 9 60. 8 159. 5	143. 0 134. 7 204. 6 100. 0 37. 0 71. 2 134. 2 117. 1 60. 8 159. 8	144. 7 135. 6 209. 1 101. 4 37. 0 73. 3 134. 9 118. 8 61. 0 160. 7
PURCHASING POWER OF THE DOLLAR													
As measured by— Wholesale prices1935-39=100 Consumers' pricesdo Retail food pricesdo Prices received by farmerstdo	57.6 65.7 53.2 40.4	57. 1 65. 2 53. 7 40. 3	56. 9 65. 2 54. 3 41. 0	55. 7 65. 3 54. 8 40. 7	53. 8 64. 0 52. 7 38. 0	54. 5 64. 0 53. 1 38. 5	54. 7 64. 1 53. 2 39. 2	54. 4 63. 6 52. 4 39. 3	53. 3 63. 1 51. 7 38. 5	52. 4 62. 4 50. 8 38. 5	51. 1 61. 1 49. 1 37. 2	$50.8 \\ 61.1 \\ 49.6 \\ 36.8$	50.4 ^p 60.6 ^p 49.3 37.0
	(CONST	RUCT	ION A	ND RI	EAL E	STATE	C					
CONSTRUCTION ACTIVITY*							1						
New construction, total mil. of dol. Private, total do. Residential (nonfarm) do. Nonresidential building, except farm and public utility, total utility, total mil. of dol. Industrial do. Public utility do. Public utility do. Residential do. Public construction, total do. Military and naval do. Morresidential building, total do. Industrial do. Military and naval do. Industrial do. Miletway do.	987 745 335 308 171 20 82 242 68 17 27 7 7	$\begin{array}{c} 905\\711\\320\\296\\166\\10\\85\\194\\51\\16\\23\\5\\57\end{array}$	$\begin{array}{c} 839\\ 666\\ 300\\ 275\\ 159\\ 10\\ 81\\ 173\\ 39\\ 12\\ 33\\ 5\\ 37\\ \end{array}$	$\begin{array}{c} 795 \\ 634 \\ 284 \\ 260 \\ 152 \\ 10 \\ 80 \\ 161 \\ 33 \\ 12 \\ 32 \\ 34 \end{array}$	826 648 285 247 146 20 96 178 24 12 36 3 3 48	$\begin{array}{c} 876\\ 662\\ 306\\ 240\\ 142\\ 30\\ 86\\ 214\\ 16\\ 15\\ 41\\ 4\\ 75\\ \end{array}$	$\begin{array}{c} 955\\722\\342\\245\\141\\40\\95\\233\\9\\15\\41\\3\\95\end{array}$	$1,070\\ 811\\ 387\\ 254\\ 140\\ 50\\ 120\\ 259\\ 6\\ 15\\ 42\\ 2\\ 2\\ 117$	$1,161 \\ 876 \\ 429 \\ 259 \\ 139 \\ 60 \\ 128 \\ 285 \\ 9 \\ 19 \\ 44 \\ 2 \\ 128 \\ 19 \\ 44 \\ 2 \\ 128 \\ 18 \\ 18 \\ 18 \\ 18 \\ 18 \\ 18$	1, 242 937 461 266 139 75 135 305 305 22 45 1 139	1,27996249027513865132317821491147	r 1, 334 r 990 r 530 r 283 137 50 127 r 344 10 23 r 54 1 r 164	$\begin{array}{c} 1,286\\ 1,001\\ 565\\ 290\\ 135\\ 25\\ 121\\ 285\\ 7\\ 18\\ 50\\ 0\\ 130\end{array}$
All other	54	47	52	50	58	67	73	79	85	90	92	r 93	80
Contract awards, 37 States (F. W. Dodge Corp.): Total projectsnumber Total valuationthous. of dol Public ownershipdo Private ownershipdo Nonresidential buildings: Projectsnumber Floor areathous. of sq. ft	27, 149 503, 745 130, 329 373, 416 3, 609 23, 708	25, 536 457, 278 108, 920 348, 358 2, 857 19, 656	27, 619 571, 628 166, 672 404, 956 3, 096 25, 700	24, 321 442, 197 95, 770 346, 427 3, 006 21, 488	32, 268 596, 755 143, 316 453, 439 3, 670 22, 242	29, 957 602, 338 177, 272 425, 066 3, 905 26, 034	27, 769 674, 657 233, 873 440, 784 4, 554 30, 238	24, 044 605, 070 226, 471 378, 599 4, 355 27, 561	28, 734 660, 254 202, 571 457, 683 4, 912 32, 123	31, 885 823, 216 217, 811 605, 405 4, 915 41, 682	27, 185 649, 996 192, 660 457, 336 4, 213 24, 114	36, 339 793, 286 208, 947 584, 339 5, 134 33, 478	29, 793 715, 108 223, 505 491, 603 4, 249 28, 552
Valuation thous. of dol. Residential buildings: Projects number Floor area. thous. of sq. ft. Valuation thous. of dol.	160, 871 22, 251 33, 530 221, 113	148, 014 21, 704 29, 975 193, 365	200, 312 23, 593 39, 279 257, 419	143, 258 20, 440 32, 469 208, 391	191, 903 27, 414 42, 991 282, 881	184, 317 24, 284 39, 006 256, 668	235, 899 21, 255 42, 672 254, 085	209, 942 17, 604 29, 213 209, 458	253, 512 21, 568 36, 774 240, 885	290, 807 24, 789 47, 805 308, 937	239, 915 21, 154 30, 037 268, 543	277, 888 29, 473 52, 302 349, 490	243, 416 24, 147 42, 690 290, 220
Public works: Projectsnumber Valuationthous. of dol	1, 018 82, 626	746 62, 652	681 80, 721	665 59, 806	918 77, 926	1, 509 123, 249	1, 607 119, 713	1, 744 142, 495	1, 910 127, 454	1, 761 137, 471	1, 522 110, 556	1, 425 112, 726	1, 114 138, 606
Projects number Valuation thous, of dol Value of contracts awarded (F. R. indexes): Total, unadjusted 1923-25=100. Residential, unadjusted do. Total, adjusted do. Residential, adjusted do.	271 39, 135 125 118 139	229 53, 247 125 122 154	249 33, 176 120 119 146	210 30, 742 131 135 151	266 44, 045 133 135 132	259 38, 104 152 144 133	353 64, 960 153 130 127	341 43, 175 158 127 136	344 38, 403 170 138 155	420 86,001 173 148 166	296 30, 982 184 168 183	307 53, 182 r 175 r 164 r 184	283 42, 866
Residential, adjusted	122 275, 825 3, 239 138 1, 970	143 352, 855 2, 306 55 1, 661	144 430, 970 1, 343 26 606	152 356, 491 1, 463 1 1, 081	129 400, 415 2, 438 52 1, 578	123 454, 471 5, 280 513 3, 167	110 514, 343 3, 828 35 2, 607	116 517, 175 4, 228 212 2, 456	136 524, 238 5, 011 169 2, 452	150 413, 494 3, 285 79 1, 468	168 494, 805 2, 760 163 1, 133	7 170 575, 089 3, 260 203 1, 946	474, 357 2, 349 5 1, 592
Streets and alleys	1, 130	590	711	382	808	1, 600	1, 186	2,400 1,560	2, 402 2, 390	1, 408 1, 737	1, 155 1, 464	1, 940	752
Estimated number of new nonfarm dwelling units scheduled to be started (U. S. Dept. of Labor): Total nonfarm*	23, 747 1, 594 3, 198	37, 100 21, 369 21, 369 17, 469 977 2, 923 0	40, 800 25, 383 24, 299 20, 537 1, 496 2, 266 1, 084	$\begin{array}{c} 45,500\\ 27,074\\ 27,074\\ 22,156\\ 1,615\\ 3,303\\ 0\end{array}$	63, 100 37, 649 37, 158 30, 615 2, 448 4, 095 491	73,50042,86242,53435,2143,1424,178328	74, 500 41, 138 41, 138 33, 670 3, 085 4, 383 0	83, 400 46, 999 45, 994 34, 627 3, 478 7, 889 1, 005	83, 300 47, 153 47, 117 36, 943 3, 053 7, 121 36	90, 400 51, 304 51, 112 39, 226 3, 519 8, 367 192	94, 900 52, 179 51, 904 40, 865 2, 988 8, 051 275	7 3, 536 7 9, 567	

r Revised. - Preliminary.
§ Data for August and October 1946 and January, May, and July, 1947 are for 5 weeks; other months, 4 weeks.
Based on weekly data combined into 4- and 5-week periods except that a week falling in December and January is prorated; see note in February 1947 Survey.
New series. Estimates of total nonfarm dwelling units for 1910-44 are shown on p. 15 of the November 1946 Survey. Monthly estimates of new construction activity for 1939-45 and annual estimates for 1915-46 are shown on p. 23 and 24 of the July 1947 Survey.
T Revised series. The index of purchasing power of the dollar based on prices received by farmers was revised in the April 1944 Survey. Data for 1920-44 for the number of new dwelling units and the Indexes of building construction on p. 8-6 should be considered volume of construction for which permits were issued or contracts awarded rather than volume started (see note in July 1947 Survey. Survey.

Unless otherwise stated, statistics through	19							1947					,
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	October	Novem- ber
	CONS.	FRUCT	TON A	ND R	EAL E	STATI	E—Con	tinued	•				
PERMIT VALUATIONS, ETCContinued													1
Indexes of building construction, based on building permits (U. S. Dept. of Labor): Number of new dwelling units provided 1935-39=100	165. 3	123. 2	146.4	156.1	217.1	247.2	237. 2	271.0	271.9	295.9	300. 9	r 324. 5	239.8
Permit valuation: Total building constructiondo New residential buildingsdo New nonresidential buildingsdo	153. 2 222. 5 99. 2	129. 4 162. 0 97. 0	151.8 196.7 107.7	$158.3 \\ 207.6 \\ 111.5$	218, 5 308, 8 141, 8	251.6 359.1 159.4	244. 2 338. 5 163. 5	278. 2 387. 7 180. 9	306. 1 405. 4 217. 8	323. 5 447. 9 232. 4	319.5 459.1 206.7	* 344.7 * 516.2 * 216.5	282.4 395.8 208.8
Additions, alterations, and repairsdo CONSTRUCTION COST INDEXES	137.3	140.0	164.8	168.9	214. 1	248.7	241.4	284. 2	311. 5	279.9	298.1	r 291.9	218.3
Aberthaw (industrial building)		300			304			300			304		306.8
American Appraisal Co.: Average, 30 cities Atlanta do New York San Francisco St. Louis Associated General Contractors (all types)	352 377 356 323 344	371 399 375 343 367	381 410 390 353 375	390 419 463 364 383	404 434 420 379 396	414 444 427 390 403	419 448 432 392 405	427 448 438 396 421	437 458 442 409 430	446 470 448 417 441	452 475 452 424 446	456 479 469 427 449	46- 494 48(42) 45(
E. H. Boeckh and Associates, Inc.: Apartments, hotels, and office buildings:	270	276	277	280	282	286	290	294	295	300	307	312	314
Brick and concrete: Atlanta	144. 9 183. 4 165. 9 167. 2	145.7 183.9 167.3 168.5	148, 8 194.*7 172, 4 173, 9	153. 4 196. 2 174. 2 175. 8	154.4 204.7 177.8 178.0	155. 1 205. 6 178. 1 178. 3	155, 4 205, 9 178, 4 182, 8	160. 3 211. 2 186. 6 187. 8	162. 4 215. 5 188. 9 189. 9	164. 1 216. 4 192. 5 191. 2	165.0 218.5 195.4 192.2	165. 5 219. 0 196. 2 193. 6	166. 219. 196. 194.
Commercial and factory buildings: Brick and concrete: Atlanta	146 6 185. 9 168. 4 168. 3	$147.\ 1\\186.\ 2\\169.\ 4\\169.\ 3$	149. 9 193. 5 174. 6 175. 2	152. 0 194. 4 175. 7 176. 4	153.5 205.9 180.4 179.0	154. 1 206. 8 180. 6 179. 2	154.3 207.0 180.8 185.4	159. 6 212. 5 190. 6 187. 8	161. 2 214. 9 192. 4 189. 4	162.3 216.0 197.4 190.8	163. 0 217. 4 199. 6 191. 5	163. 4 217. 8 200. 2 192. 5	164. 218. 200. 193.
Brick and steel: Atlantado New Yorkdo San Franciscodo St. Louisdo	143. 9 182. 3 169. 8	145. 8 183. 6 172. 5 169. 5	148. 8 191. 1 176. 1 172. 8	153. 1 192. 9 178. 4 175. 3	153. 5 202. 4 180. 7 176. 9	154. 2 203. 4 180. 9 177. 1	154. 4 203. 6 181. 1 182. 1	158.8 206.6 188.0 187.5	161. 4 209. 4 190. 8 190. 1	165. 0 210. 4 195. 7 192. 3	165. 8 213. 8 198. 9 193. 4	192. 3 166. 2 214. 2 199. 5 194. 5	169. 215. 200. 196.
Residences: Brick: Atlantado New Yorkdo San Franciscodo St. Louisdo	159, 2 192, 6 169, 6 178, 9	161. 9 195. 4 173. 2 183. 4	165. 8 204. 7 177. 0 187. 6	178. 7 211. 2 185. 6 196. 9	179. 2 217. 6 188. 6 199. 1	180. 2 219. 1 188. 8 199. 3	180. 4 219. 3 189. 0 202. 2	184. 0 223. 4 195. 1 205. 6	185. 4 225. 5 196. 7 207. 0	185. 6 225. 9 198. 4 207. 5	186. 9 228. 7 207. 1 210. 7	187. 3 229. 1 207. 7 212. 1	189. 231. 209. 217.
Frame: Atlanta do New York do San Francisco do St. Louis do Engineering News-Record:	160. 8 194. 4 166. 8 179. 8	164. 2 198. 0 170. 8 183. 8	166. 8 208. 9 173. 9 187. 0	182. 9 217. 2 184. 9 198. 9	183. 3 220, 8 187. 0 200. 3	183. 9 221. 6 187. 2 200. 5	184. 1 221. 8 187. 4 202. 2	187. 9 225. 0 194. 0 207. 2	189, 3 227, 1 195, 6 208, 6	189, 5 227, 5 196, 3 209, 0	191. 0 231. 0 206. 2 213. 0	191. 4 231. 4 206. 8 214. 0	194. 234. 209. 220.
Building*	$278.8 \\ 368.1$	289. 1 381. 7	297. 7 390. 8	298, 8 392, 0	3CO. 8 396. 1	299. 6 396. 5	303. 1 403. 3	304. 9 406. 5	313. 0 415. 0	317. 1 417. 8	320. 8 424. 4	322. 3 429. 3	325. 432.
Standard 6-room frame house: Combined index	156. 7 153. 6 163. 1	159. 8 158. 6 164. 8	167. 0 168. 2 166. 8	173. 8 177. 6 168. 6	179.6 185.6 170.2	182. 5 188. 8 172. 4	183. 7 189. 1 175. 5	184. 8 189. 0 179, 2	185, 1 188, 5 181, 0				
Fed. Hous. Admn., home mortgage insurance: Premium-paying mortgages (cumulative) mils. of dol Estimated total nonfarm mortgages recorded	6, 885	6, 921	6, 959	6, 995	7, 036	7, 087	7, 147	7, 217	7, 295	7, 377	7, 473	7, 593	7, 69
(\$20,000 and under)*thous. of dol Estimated new mortgage loans by all savings and loan associations, totalthous. of dol Classified according to purpose:	869, 489 271, 476	836, 404 253, 701	847, 043 250, 016	770, 095 241, 263	858, 675 288, 221	941, 020 313, 636	965, 733 335, 074	947, 357 323, 368	994, 787 353, 105	988, 446 351, 757	1, 022, 648 356, 871	1. 103, 030 376, 000	954, 56 311, 29
Mortrage loans on homes: Construction	51, 187 170, 162 21, 625 7, 034 21, 468	50, 233 151, 848 22, 116 6, 040 23, 464	51, 145 145, 253 22, 599 6, 795 24, 204	$52,723\\133,399\\22,529\\7,091\\25,521$	61, 543 161, 694 25, 916 9, 665 29, 403	70, 214 176, 395 26, 149 10, 788 30, 090	78, 612 186, 148 28, 383 11, 558 30, 373	$\begin{array}{c} 69,700\\ 184,626\\ 28,948\\ 11,963\\ 28,131 \end{array}$	85, 867 194, 057 28, 936 13, 410 30, 835	83, 355 200, 183 25, 263 13, 018 29, 938	86, 097 203, 443 27, 322 12, 297 27, 712	95, 364 208, 488 28, 523 13, 213 30, 412	76, 71 170, 83 24, 74 10, 41 28, 58
Loan Bank Board: Federal Home Loan Banks, outstanding advances to member institutionsmils. of dol Home Owners' Loan Corporation, balance of loans outstanding	258 651	293 636	251 621	242 609	236 596	245 582	257 570	289 557	292 544	314 532	336 520	360	39 49
Foreclosures, nonfarm, index, adjusted† 1935-39=100	9.7	8.6	8.6	8, 5	9.3	7.8	8.0	8.7	8.5	8.5	8.2		
Fire lossesthous. of dol.	44, 706	58,094	57, 180	64, 247	72, 435	68, 029	56, 545	50, 840	49, 357	51, 359	47, 990	7 54, 946	51, 34

	.											
ADVERTISING												
Advertising indexes, adjusted:†										1		
Printers' Ink, combined index1935-39=100	r 245	* 244	236	245	263	278	281	284	263	262	281	₱ 280
Farm papersdo	265	243	278	281	288	303	320	331	283	308	309	321
Magazinesdo	311	303	271	287	323	333	340	342	298	280]	331	328
Newspapersdo	154	158	172	193	210	222	229	230	215	218	217	» 211
Outdoordo	205	201	183	213	217	272	295	287	303	319	289	287
Radiodo	302	306	289	289	292	294	287	289	284	291	298	309

* Revised. IRevisions for January 1940-December 1945 are available on request; see also latter part of note marked "†" on p. S-5. *New series. For a description of the series of the series on nonfarm mortgages recorded and data for January 1939 to September 1942 see p. 8-5 of the November 1942 Survey. See note in the February 1947 Survey regarding the Engineering News-Record index of building costs; data beginning 1913 will be shown later. †Revised series. Revisions for the index of nonfarm foreclosures for 1940-41 are shown on p. S-6 of the May 1943 Survey. Indexes of advertising from Printers' Ink have been completely revised and all series are now based on dollar costs; data beginning 1935 and a description of the indexes will be published later. The indexes of cost of the standard 6-room frame house are shown on a revised basis beginning in the April 1946 Survey; revisions beginning November 1935 will be published later; the indexes were discontinued after June 1947.

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	October	Novem- ber
		DO	MESTI	IC TRA	DE-O	Contin	ued	· · · · ·					
ADVERTISING-Continued												{	
Tide advertising index, adjusted*1935-39=100. Radio advertising: Cost of facilities, totalthous. of dol. Automobiles and accessoriesdo. Clottingdo. Clottingdo. Flectric household equipmentdo. Foods, food beverages, confections	$\begin{array}{c} 195.\ 6\\ 16,\ 338\\ 654\\ 105\\ 268\\ 387\\ 4,\ 396\\ 530\\ 159\\ 1,\ 490\\ 1,\ 373\\ 5,\ 123\\ 1,\ 855\\ 42,\ 755\\ 42,\ 755\\ 42,\ 765\\ 2,\ 755\\ 4,\ 449\\ 1,\ 315\\ 745\\ 4,\ 993\\ \end{array}$	189. 9 16, 800 731 112 252 428 4, 379 583 165 1, 574 4, 390 5, 316 1, 870 36, 232 1, 499 3, 456 1, 080 608 4, 172	$\begin{array}{c} 205.7\\ 16,548\\ 670\\ 100\\ 273\\ 444\\ 4,357\\ 546\\ 169\\ 1,642\\ 1,355\\ 5,148\\ 1,845\\ 23,963\\ 1,826\\ 466\\ 505\\ 3,931\\ \end{array}$	$\begin{array}{c} 201.\ 0\\ 15,\ 102\\ 629\\ 99\\ 224\\ 458\\ 3,\ 924\\ 507\\ 153\\ 1,\ 555\\ 1,\ 257\\ 4,\ 568\\ 1,\ 726\\ 32,\ 109\\ 1,\ 576\\ 3,\ 345\\ 740\\ 566\\ 5,\ 033\\ \end{array}$	$194.\ 2$ $16,\ 728 \\ 740 \\ 123 \\ 249 \\ 532 \\ 4,\ 344 \\ 541 \\ 175 \\ 1,\ 685 \\ 1,\ 685 \\ 1,\ 685 \\ 1,\ 397 \\ 5,\ 007 \\ 1,\ 934 \\ 42,\ 617 \\ 2,\ 325 \\ 5,\ 277 \\ 1,\ 169 \\ 666 \\ 6,\ 668 \\ 6,\ 6,\ 668 \\ 6,\ 6,\ 6,\ 668 \\ 6,\ 6,\ 6,\ 6,\ 6,\ 6,\ 6,\ 6,\ 6,\ 6,\$	197.1 $15,548$ 595 98 284 $4,049$ 467 155 $1,729$ $1,308$ $4,714$ $1,641$ $40,816$ $2,262$ $4,663$ $1,288$ 659 $4,926$	$\begin{array}{c} 196.\ 2\\ 16,\ 009\\ 573\\ 111\\ 301\\ 412\\ 4,\ 120\\ 4.99\\ 177\\ 1,\ 762\\ 1,\ 433\\ 4,\ 744\\ 1,\ 877\\ 42,\ 801\\ 2,\ 601\\ 1,\ 541\\ 668\\ 5,\ 246\end{array}$	$\begin{array}{c} 202.\ 9\\ 505\\ 100\\ 275\\ 400\\ 3, 883\\ 499\\ 167\\ 1, 690\\ 1, 430\\ 4, 431\\ 1, 613\\ 40, 033\\ 2, 772\\ 3, 125\\ 1, 376\\ 654\\ 5, 348 \end{array}$			231.1 15, 252 527 151 345 4, 402 428 156 1, 772 1, 580 4, 211 1, 314 199, 308 17, 555 10, 191 13, 872		
Foods, food beverages, confections	$\begin{array}{c} \textbf{4}, \textbf{653}\\ \textbf{2}, \textbf{753}\\ \textbf{2}, \textbf{753}\\ \textbf{667}\\ \textbf{1}, \textbf{025}\\ \textbf{1}, \textbf{252}\\ \textbf{6}, \textbf{604}\\ \textbf{15}, \textbf{199}\\ \textbf{5}, \textbf{213}\\ \textbf{164}, \textbf{120}\\ \textbf{36}, \textbf{772}\\ \textbf{127}, \textbf{348}\\ \textbf{4}, \textbf{675}\\ \textbf{2}, \textbf{052}\\ \textbf{26}, \textbf{596}\\ \textbf{94}, \textbf{052} \end{array}$	4, 172 2, 408 455 992 1, 277 5, 779 14, 287 3, 783 163, 257 34, 404 128, 853 3, 415 1, 894 22, 388 101, 155	1, 147 407 369 920 3, 411 9, 438 3, 952 139, 894 36, 223 103, 671 3, 551 19, 895 77, 709	$\begin{array}{c} 0.053\\ 0.050\\ 1, 641\\ 760\\ 551\\ 829\\ 5, 137\\ 11, 683\\ 4, 580\\ 139, 903\\ 34, 588\\ 105, 405\\ 4, 097\\ 1, 767\\ 22, 323\\ 77, 218\\ \end{array}$	$\begin{array}{c} 5,366\\ 5,366\\ 2,687\\ 9,60\\ 863\\ 1,069\\ 6,086\\ 14,956\\ 5,102\\ 167,384\\ 39,437\\ 39,437\\ 127,948\\ 5,537\\ 2,157\\ 27,163\\ 93,090\\ \end{array}$	1, 220 3, 292 1, 016 624 887 5, 924 14, 677 4, 703 168, 445 39, 580 128, 865 6, 473 2, 008 28, 100 92, 283	$\begin{array}{c} 6.27\\ 3,530\\ 1,182\\ 995\\ 860\\ 0,120\\ 14,740\\ 4,332\\ 172,376\\ 41,301\\ 131,075\\ 6,512\\ 1,950\\ 28,210\\ 94,403\\ \end{array}$				1 13, 543 1 2, 142 1 6, 051 1 2, 558 1 1, 650 1 2, 558 1 1, 650 1 2, 827 1 12, 771 1 34, 582 4, 763 173, 871 41, 610 132, 262 5, 438 1, 809 27, 171 97, 843		194, 808 41, 447 153, 361 5, 957 2, 033 32, 004 113, 367
GOODS IN WAREHOUSES													
Space occupied in public-merchandise warehouses § percent of total.	* 88.3	88.8	89.6	88.8	88. 9	88.7	89. 2	88.7	88.1	88.3	87.7	86.8	87.6
POSTAL BUSINESS Money orders: Domestic, issued (50 cities): Numberthousands Valuethous. of dol Domestic, paid (50 cities): Numberthousands Valuethous. of dol PERSONAL CONSUMPTION EXPENDI- TURES	4, 253 95, 112 14, 042 193, 807	4, 447 93, 691 13, 932 189, 903	4, 477 95, 899 14, 086 193, 877	4, 147 90, 036 12, 691 186, 444	4, 863 108, 862 14, 755 210, 579	4, 579 97, 079 14, 651 195, 527	4, 280 89, 824 13, 771 188, 244	4, 177 87, 284 16, 948 178, 353	4, 334 87, 320 13, 253 186, 565	3, 822 81, 664 12, 587 166, 697	4, 041 89, 874 13, 334 197, 141	4, 401 91, 665 15, 371 223, 262	4, 185 85, 095 13, 922 196, 844
Seasonally adjusted quarterly total at annual rates: * All goods and services		3.3 1.9 3.5 9.0 43.1 6.3 12.9 3.1 3.5 4.2			$18.5 \\ 5.4 \\ 9.2 \\ 3.9 \\ 95.3 \\ 19.1 \\ 57.8 \\ 3.4 \\ 1.8 \\ 3.6 \\ 9.6 \\ 44.2 \\ 6.6 \\ 13.0 \\ 3.2 \\ 3.4 $	-		$5.9 \\ 9.5 \\ 8.9 \\ 97.8 \\ 19.9 \\ 58.7 \\ 3.7 \\ 1.9 \\ 3.6 \\ 10.0 \\ 45.0 \\ 6.7 \\ 13.2 \\ 3.6 \\ 4.4 \\ 4.4 $			3.9 1.9 3.7 10.2 46.1 7.0 13.5 3.2 3.7		
RETAIL TRADE All retail stores:													
Bartean soles: mil. of dol. Estimated sales; total	$\begin{array}{c} 9,463\\ 2,077\\ 823\\ 675\\ 148\\ 617\\ 392\\ 56\\ 169\\ 507\\ 331\\ 176\\ 130\\ \end{array}$	$\begin{array}{c} 10,792\\ 2,332\\ 846\\ 679\\ 166\\ 601\\ 351\\ 51\\ 200\\ 614\\ 381\\ 233\\ 272\\ \end{array}$	$\begin{array}{c} 8,238\\ 1,836\\ 807\\ 688\\ 119\\ 526\\ 339\\ 51\\ 135\\ 424\\ 255\\ 169\\ 78\end{array}$	$\begin{array}{c} 7,830\\ 1,774\\ 788\\ 679\\ 110\\ 485\\ 302\\ 50\\ 133\\ 425\\ 259\\ 166\\ 76\end{array}$	9, 283 2, 122 940 811 130 598 369 66 163 498 318 180 85	$\begin{array}{c} 9,442\\ 2,287\\ 980\\ 847\\ 132\\ 693\\ 431\\ 78\\ 185\\ 526\\ 342\\ 184\\ 88\end{array}$	$\begin{array}{c} 10,020\\ 2,436\\ 993\\ 847\\ 147\\ 744\\ 461\\ 79\\ 204\\ 593\\ 397\\ 196\\ 106\\ \end{array}$	9, 489 2, 402 987 839 148 741 476 77 187 570 368 202 104	$\begin{array}{c} 9,357\\ 2,403\\ 1,014\\ 861\\ 153\\ 770\\ 509\\ 77\\ 184\\ 536\\ 334\\ 202\\ 84\\ \end{array}$	$\begin{array}{c} 9,629\\ 2,396\\ 994\\ 839\\ 155\\ 763\\ 514\\ 70\\ 179\\ 550\\ 347\\ 203\\ 89\\ \end{array}$	$\begin{array}{c} 10,141\\ 2,582\\ 1,052\\ 899\\ 152\\ 839\\ 575\\ 71\\ 193\\ 594\\ 385\\ 210\\ 97\end{array}$	$\begin{array}{c} 10, 910\\ 2, 831\\ 1, 148\\ 988\\ 160\\ 941\\ 645\\ 92\\ 204\\ 641\\ 408\\ 233\\ 101 \end{array}$	$\begin{array}{c} 10,708\\ 2,631\\ 1,070\\ 910\\ 160\\ 793\\ 525\\ 71\\ 197\\ 647\\ 422\\ 225\\ 121\\ \end{array}$

Unless otherwise stated, statistics through	194	16						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	Octo- ber	Novem- ber
		DO	MESTI	C TRA	ADE-(Contin	ued			<u> </u>			
RETAIL TRADE—Continued]
All retail storest—Continued Estimated sales—Continued Nondurable goods stores mil. of dol. Apparel group do Men's clothing and furnishings do Women's apparel and accessories do Family and other apparel do Shoes do Drug stores do Grocery and combination do Other food do Filling stations do General merchandise group do Drug stores do General merchandise group do Mother food do Filling stations do General merchandise group do General merchandise group do	$\begin{array}{c} 7,386\\ 855\\ 236\\ 363\\ 129\\ 127\\ 301\\ 1,047\\ 2,395\\ 1,866\\ 529\\ 371\\ 1,483\\ 1,016\end{array}$	$\begin{array}{c} 8, 460\\ 1, 090\\ 318\\ 449\\ 163\\ 159\\ 394\\ 1, 060\\ 2, 504\\ 1, 961\\ 543\\ 371\\ 1, 925\\ 1, 277\end{array}$	$\begin{array}{c} 6, 402\\ 603\\ 144\\ 276\\ 87\\ 97\\ 281\\ 995\\ 2, 342\\ 1, 340\\ 502\\ 339\\ 992\\ 656\end{array}$	6, 056 543 132 247 77 88 264 891 2, 243 1, 778 465 312 970 639	$\begin{array}{c} 7, 161 \\ 797 \\ 190 \\ 371 \\ 107 \\ 130 \\ 296 \\ 1, 007 \\ 2, 509 \\ 1, 996 \\ 514 \\ 361 \\ 1, 242 \\ 842 \end{array}$	$\begin{array}{c} \textbf{7, 155} \\ \textbf{766} \\ \textbf{183} \\ \textbf{345} \\ \textbf{100} \\ \textbf{137} \\ \textbf{287} \\ \textbf{1, 019} \\ \textbf{2, 504} \\ \textbf{1, 979} \\ \textbf{525} \\ \textbf{400} \\ \textbf{1, 254} \\ \textbf{834} \end{array}$	$\begin{array}{c} 7,584\\ 778\\ 192\\ 345\\ 103\\ 138\\ 304\\ 1,078\\ 2,712\\ 2,162\\ 550\\ 442\\ 1,316\\ 874 \end{array}$	$\begin{array}{c} 7,087\\7,07\\189\\96\\131\\290\\1,032\\2,518\\1,995\\523\\440\\1,195\\788\end{array}$	$\begin{array}{c} 6,954\\ 558\\ 134\\ 241\\ 77\\ 106\\ 293\\ 1,052\\ 2,618\\ 2,083\\ 535\\ 472\\ 1,074\\ 677\end{array}$	$\begin{array}{c} 7,233\\606\\139\\271\\86\\110\\300\\1,089\\2,714\\2,170\\544\\485\\1,156\\743\end{array}$	$\begin{array}{c} 7,559\\ 825\\ 201\\ 367\\ 114\\ 143\\ 298\\ 1,086\\ 2,609\\ 2,609\\ 2,663\\ 546\\ 466\\ 1,345\\ 907\end{array}$	$\begin{array}{c} 8,079\\ 858\\ 212\\ 387\\ 120\\ 307\\ 1,131\\ 2,825\\ 2,243\\ 582\\ 483\\ 582\\ 483\\ 1,457\\ 986\end{array}$	$\begin{array}{c} 8,077\\ 906\\ 247\\ 394\\ 134\\ 131\\ 296\\ 1,033\\ 2,768\\ 2,212\\ 556\\ 496\\ 1,595\\ 1,100\\ \end{array}$
with food. mil. of dol. Other general mdse. and dry goodsdo. do. Variety. do. Other retail stores. do. Feed and farm supply. do. Fuel and ice. do. Liquors. do. Other. do. Liquors. do. Other. do.	$155 \\ 141 \\ 171 \\ 933 \\ 220 \\ 160 \\ 179 \\ 374$	$176 \\ 191 \\ 281 \\ 1, 117 \\ 220 \\ 175 \\ 234 \\ 489$	124 96 116 849 215 197 141 296	120 93 117 833 220 190 135 288	142 118 141 948 264 191 152 341	151 120 149 925 283 146 144 352	165 130 147 954 272 144 151 387	$153 \\ 120 \\ 134' \\ 905 \\ 249 \\ 155 \\ 134 \\ 368$	155 110 133 887 251 153 134 349	157 115 140 884 238 139 148 359	160 132 146 930 244 170 132 381	$168 \\ 141 \\ 162 \\ 1,018 \\ 266 \\ 181 \\ 162 \\ 409 \\$	$\begin{array}{c} 168\\149\\177\\984\\214\\189\\162\\418\end{array}$
Indexes of sales: Unadjusted, combined index1935-39=100. Durable goods stores	- 180.3	$\begin{array}{c} 337.3\\ 297.9\\ 350.2\\ 283.6\\ 263.8\\ 207.0\\ 290.7\\ 373.9\\ 430.8\\ 290.1\\ 289.6\\ 249.0\\ 413.2\\ 310.3\\ 173.7\\ 244.6\\ 311.4\\ 8,728\\ 2.911\\ 2,911\\ 5,817\\ \end{array}$	$\begin{array}{c} 253.5\\ 227.9\\ 261.9\\ 261.7\\ 262.7\\ 198.3\\ 307.6\\ 370.2\\ 410.2\\ 288.0\\ 283.3\\ 247.3\\ 413.6\\ 316.3\\ 174.6\\ 233.9\\ 302.4\\ 8,943\\ 3.192\\ 5,751\end{array}$	$\begin{array}{c} 262.4\\ 240.6\\ 269.5\\ 287.6\\ 274.3\\ 213.6\\ 313.1\\ 383.0\\ 418.2\\ 291.9\\ 280.5\\ 246.8\\ 410.4\\ 322.1\\ 177.6\\ 236.7\\ 317.6\\ 9,441\\ 3,416\\ 6,025\end{array}$	$\begin{array}{c} 281.5\\ 263.2\\ 287.5\\ 291.0\\ 280.7\\ 219.9\\ 316.8\\ 392.7\\ 432.4\\ 294.3\\ 298.7\\ 252.6\\ 407.7\\ 322.0\\ 183.9\\ 240.9\\ 9\\ 318.9\\ 9,954\\ 3,774\\ 6,180\\ \end{array}$	$\begin{array}{c} 204.8\\ 287.4\\ 297.2\\ 297.6\\ 322.7\\ 390.5\\ 322.7\\ 390.5\\ 322.7\\ 390.5\\ 322.4\\ 322.7\\ 390.5\\ 322.7\\ 390.5\\ 322.7\\ 320.3\\ 292.6\\ 322.7\\ 320.2\\ 245.2\\ 332.3\\ 320.2\\ 245.2\\ 314.0\\ 9,971\\ 3.796\\ 6,175\end{array}$	$\begin{array}{c} 301.3\\ 302.2\\ 301.0\\ 299.7\\ 287.4\\ 214.1\\ 332.1\\ 428.1\\ 430.3\\ 303.7\\ 301.9\\ 250.1\\ 416.1\\ 331.8\\ 203.0\\ 254.2\\ 315.8\\ 9,665\\ 3,688\\ 5,977\end{array}$	$\begin{array}{c} 302. 9\\ 300. 4\\ 300. 8\\ 301. 6\\ 297. 7\\ 222. 1\\ 343. 1\\ 444. 2\\ 442. 6\\ 302. 9\\ 300. 3\\ 248. 8\\ 406. 5\\ 329. 0\\ 201. 9\\ 253. 1\\ 329. 5\\ 3, 608\\ 5, 749 \end{array}$	$\begin{array}{c} 287.1\\ 298.4\\ 283.4\\ 301.2\\ 296.9\\ 353.4\\ 426.7\\ 417.4\\ 302.6\\ 293.8\\ 246.5\\ 409.6\\ 329.8\\ 221.7\\ 251.6\\ 317.5\\ 9,153\\ 35,66\\ 5,587\end{array}$	287. 2 298. 0 207. 5 220. 4 359. 5 428. 4 416. 0 298. 1 277. 0 252. 3 406. 0 324. 4 221. 3 249. 5	$\begin{array}{c} 323.\ 6\\ 332.\ 6\\ 320.\ 7\\ 314.\ 7\\ 322.\ 5\\ 243.\ 1\\ 388.\ 3\\ 455.\ 6\\ 438.\ 6\\ 312.\ 1\\ 313.\ 9\\ 254.\ 6\\ 418.\ 3\\ 340.\ 6\\ 218.\ 7\\ 258.\ 0\\ 329.\ 2\\ 10,\ 022\\ 3,\ 854\\ 6,\ 168\end{array}$	228.6 343.1 323.9 317.6 255.8 395.8 439.4 409.1 314.3 295.8 439.4 409.1 314.3 295.8 257.1 315.2 219.6 248.4 335.1 r 10,626 r 3,983 r 6,643	252.1 399.6 462.4 415.4 322.4 321.3 254.4 408.6 357.0 240.9 266.1 343.0 > 10,966
Chain stores and mail-order houses:† Sales, estimated, total*	- 235 - 235 - 48 - 103 - 63 - 49 - 72 - 51 - 72 - 51	r 2, 415 303 55 139 84 59 55 r 99 55 r 36 776	r 1, 700 163 30 73 46 29 65 66 52 18 387	r 1, 668 153 27 72 41 28 63 64 47 22 389	* 2,031 246 45 118 62 35 74 70 52 24 508	* 2, 038 240 40 111 69 38 83 67 51 24 532	* 2, 158 244 41 115 68 44 90 69 52 27 552	r 1, 997 229 39 103 68 44 93 65 50 26 509	r 1, 938 181 25 88 53 45 97 65 52 24 473	r 2,036 187 27 90 55 46 99 68 52 25	$\begin{array}{c} 5, 100\\ \mathbf{r}, 2, 133\\ 246\\ 44\\ 109\\ 72\\ 42\\ 112\\ 66\\ 52\\ 27\\ 593\\ \end{array}$	* 2, 319 253 47 113 71 41 * 117 * 69 54 29 645	2, 339 260 55 11.5 67 47 85 68 50 50
dise*mil. of dol. Mail-order (catalog sales)*dodddddddddddddddddddddddddddddd	- 7330 - 104 - 147	429 92 243 666	203 75 100 633	202 77 101 629	280 96 122 713	303 88 129 689	328 85 127 748	304 77 116 661	279 68 115 683	82 121	347 108 126 662	366 126 140 754	132
Indexes of sales: Unadjusted, combined index*1935-39=100. Adjusted, combined index*1935-39=100. Adjusted, combined index*	- † 252. 0 - 281. 3 - 281. 7 - 342. 0 - 223. 5 - 249. 8 - 214. 8 - 218. 2 - 218. 2 - 224. 6 - 244. 7	r 328.1 r 261.8 283.3 264.6 r 350.2 229.8 274.2 253.3 235.2 219.9 237.6 253.5	199. 4 283. 8 230. 6 226. 4 228. 5	r 240.6 r 262.0 261.6 260.8 319.0 205.8 201.2 322.7 236.0 221.8 257.4 244.7	276. 5 365. 7 217. 3 219. 1 313. 3 231. 9 220. 8 234. 4	r 275.5 r 275.7 292.0 268.2 379.9 217.1 225.2 299.9 229.1 220.8 229.2 229.8 229.2 229.7 229.7	294. 4 394. 2 229. 7 246. 0 306. 5 230. 2 223. 5 242. 0	286.7 7388.1 233.4 241.6 325.1 223.9 226.5	 ₹ 258.3 ₹ 280.5 292.1 292.1 232.4 232.4 222.9 222.8 243.1 243.1 243.1 273.9 	7 280.3 300.6 305.7 360.3 240.8 240.0 333.7 229.0 220.2 245.9	390. 2 253. 7 228. 3 361. 5 229. 7 221. 3	r 301.6 r 287.7 r 300.8 r 288.5 r 365.9 r 246.6 r 213.3 r 334.8 r 227.2 218.5 275.0	296. 3 322. 2 333. 4 395. 3 245. 2 250. 5 314. 0 226. 0 211. 2 250. 6
Department dry goods, and general merchan dise	- 278.3 - 214.3 - 200.3 - 280.3	291. 1 223. 5 212. 5 293. 9	192.7	282.3 234.4 192.9 306.8	239.9 197.2	316. 6 244. 1 204. 4 320. 1	324. 6 269. 1 192. 9 316. 1	332.6 265.8 193.7 316.7	329.0 270.0 192.7 320.5	276.3 194.2	259.0 208.7	322. 7 265. 7 207. 4 339. 5	283.0 214.7
Accounts receivable: Charge accounts§	- 61	223 75 54	175 74 52	154 73 52	160 75 56	163 79	167 81	165 82	146 83	84	87	181 95	111
Charge accounts§ percent. Instalment accounts§ do Sales by type of payment: * Cash sales percent of total sales. Charge account sales do Instalment sales do	38	54 36 + 58 + 37 5	30 57 37	52 29 56 38 6	33	54 30 55 39 6	56 30 55 39 6	54 28 55 39 6	53 28 57 37 6	28 56 38	53 31 54 40 6	57 31 53 40 7	30 53 40

*New series. See note marked """ on p. S-8 of the September 1947 Survey for reference to tables giving data through 1943 and 1945 revisions for the chain-store series; the adjusted indexes beginning January 1946 have been revised in this issue, necessitating further corrections in indexes for 1946 and 1947; revised indexes for 1942-46 and dollar figures for 1946 are shown on p. 11. See p. S-9 of the August 1944 Survey for data beginning June 1943 for the series on department store sales by type of payment. Data beginning 1939 for retail inventories will be published later. *Revised series. Data have been revised in this issue; see note marked "t" on p. S-7 for explanation and reference to revised data.

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber
		DOI	MESTI	C TRA	ADE(Contin	ued						
RETAIL TRADE—Continued													
$\begin{array}{c} \textbf{Department stores-Continued}\\ \textbf{Sales, unadjusted, total U. S.†1935-39=100.}\\ Atlantatdo.\\ Bostontdo.\\ Choreandtdo.\\ Chicagotdo.\\ New Yorktdo.\\ San Franciscodo.\\ Sales, adjusted, total U. S.†do.\\ Chicagotdo.\\ Chicagotdo$	336 416 416 284 318 333 7 435 7 339 302 301 318 7 371 347 230 266 7 357 283 253 253 253 253 253 253 253 253 253 25	$\begin{array}{c} 441\\ 570\\ 398\\ 409\\ 567\\ 448\\ 385\\ 392\\ 408\\ 494\\ 463\\ 503\\ 276\\ 363\\ 276\\ 363\\ 221\\ 231\\ 264\\ 2277\\ 348\\ 299\\ 251\\ 232\\ 259\\ 250\\ 303\\ 303\end{array}$	209 273 170 196 294 225 196 182 248 249 265 341 245 245 245 245 245 245 245 245 245 245	$\begin{array}{c} 222\\ 298\\ 298\\ 171\\ 210\\ 306\\ 247\\ 202\\ 188\\ 192\\ 226\\ 244\\ 278\\ 338\\ 268\\ 348\\ 268\\ 348\\ 268\\ 346\\ 256\\ 347\\ 272\\ 261\\ 244\\ 281\\ 224\\ 234\\ 281\\ 290\\ \end{array}$	266 267 250 262 262 262 262 262 262 262 26	268 350 227 258 266 347 290 264 223 248 290 297 297 276 353 227 261 277 261 277 267 257 257 257 258 258 258 299 306	280 7 349 241 276 283 356 297 269 237 261 301 315 300 291 367 244 276 208 379 316 276 278 379 316 273 303 321	265 307 232 267 361 261 261 231 238 264 264 278 269 269 278 289 264 361 305 278 278 278 278 278 278 278 278 278 278	$\begin{array}{c} 219\\ 269\\ 269\\ 164\\ 219\\ 220\\ 288\\ 250\\ 217\\ 171\\ 185\\ 249\\ 271\\ 287\\ 336\\ 237\\ 281\\ 378\\ 294\\ 268\\ 255\\ 255\\ 255\\ 257\\ 301\\ 320\end{array}$	$\begin{array}{c} 236\\ 309\\ 176\\ 224\\ 237\\ 327\\ 242\\ 179\\ 193\\ 233\\ 264\\ 306\\ 282\\ 233\\ 262\\ 352\\ 234\\ 266\\ 273\\ 376\\ 273\\ 376\\ 228\\ 271\\ 244\\ 258\\ 271\\ 248\\ 258\\ 271\\ 248\\ 376\\ 376\\ 376\\ 376\\ 376\\ 376\\ 376\\ 376$	299 368 248 296 336 331 311 244 267 340 335 291 361 236 290 290 368 346 247 234 290 290 368 346 247 234 267 333 335	298 372 234 290 > 396 336 304 * 253 2260 324 330 * 335 2800 * 335 2800 * 335 275 348 211 266 271 360 * 320 276 2273 2253 2253 297 308	37; 455 300 36 37 50 39 333 32 39 42 41 30 38 24 41 33 29 29 29 29 29 21 27 24 31 33
San Francisco	319 277	317 235	313 234	330 252	325 264	315 262	323 253	319 236	329 232	340 245	321 257	* 324 283	P 32
Adjusted	256 281, 422	$\frac{\tilde{274}}{313,678}$	268 201,052	275 185, 800	273 249, 263	$2\widetilde{64}$ 260, 325	252 275, 884	241 253, 091	230 231, 957	227 254, 738	231 306, 643	* 251 333, 123	» 27: 355, 25
Montgomery Ward & Cododo Sears, Roebuck & Codo	106, 355 175, 067	117, 281 196, 397	67, 097 133, 955	71, 205 114, 595	97, 552 151, 711	99, 623 160, 701	104, 322 171, 562	89, 635 163, 456	84, 330 147, 627	97, 334 157, 405	117, 507 189, 136	127, 144 205, 979	129, 20 226, 04
Total U. S., unadjusted. 1929-31 = 100 East. do South do Middle West. do Total U. S., adjusted do Total U. S., adjusted do South. do South. do South. do South. do South. do Far West. do Middle West. do Far West. do WHOLESALE TRADE do	376. 9 372. 8 552. 2 439. 0 289. 7 289. 7 289. 2 402. 1 238. 9 361. 9	$\begin{array}{c} 366.8\\ 333.8\\ 491.5\\ 312.6\\ 465.5\\ 229.4\\ 200.5\\ 327.2\\ 200.4\\ 285.2 \end{array}$	$\begin{array}{c} 239.\ 7\\ 243.\ 8\\ 348.\ 3\\ 199.\ 6\\ 258.\ 9\\ 315.\ 0\\ 320.\ 7\\ 440.\ 3\\ 261.\ 0\\ 352.\ 2\end{array}$	279.6 266.0 430.4 235.5 295.0 345.6 325.2 471.9 296.2 398.6	$\begin{array}{c} 331.0\\ 358.2\\ 423.2\\ 289.0\\ 350.5\\ 376.9\\ 398.9\\ 468.6\\ 326.2\\ 425.8 \end{array}$	307. 6 309. 3 409. 5 263. 5 336. 5 334. 6 324. 6 464. 8 282. 1 376. 8	$\begin{array}{c} 292.\ 5\\ 296.\ 3\\ 382.\ 9\\ 250.\ 6\\ 328.\ 8\\ 318.\ 6\\ 322.\ 1\\ 451.\ 5\\ 264.\ 7\\ 365.\ 7\end{array}$	$\begin{array}{c} 287.\ 7\\ 278.\ 0\\ 384.\ 3\\ 251.\ 1\\ 335.\ 3\\ 315.\ 8\\ 302.\ 8\\ 478.\ 0\\ 266.\ 0\\ 351.\ 8\end{array}$	243. 1 223. 2 332. 0 215. 1 288. 7 333. 0 313. 5 489. 0 291. 5 352. 1	306. 6 297. 0 403. 9 262. 5 372. 8 374. 8 374. 8 372. 6 560. 2 318. 2 404. 8	$\begin{array}{c} 375.9\\ 340.6\\ 523.6\\ 320.8\\ 446.9\\ 355.6\\ 346.5\\ 474.3\\ 313.0\\ 381.9 \end{array}$	405.1 398.1 612.6 333.4 446.3 311.8 309.3 413.3 262.5 371.6	484.1 491. 727.1 405. 515.1 372. 381. 530. 309.1 424.1
Service and limited function wholesalers:* Estimated sales, total	5, 368 1, 600 3, 768 5, 738	5, 346 1, 671 3, 675 5, 939	5, 109 1, 583 3, 526 6, 271	4, 732 1, 599 3, 133 6, 514	4, 996 1, 736 3, 260 6, 729	4, 977 1, 818 3, 159 6, 823	4, 952 1, 763 3, 189 6, 734	4, 843 1, 699 3, 144 6, 755	4, 998 1, 636 3, 362 6, 660	5, 108 1, 669 3, 439 6, 768	5, 674 1, 819 3, 855 6, 888	r 6, 433 2, 032 r 4, 401 6, 930	5, 773 1, 854 3, 919 7, 370
	EMI	PLOYN	IENT	COND	ITION	S AND	WAG	ES					
EMPLOYMENT													
Employment status of noninstitutional population:* Estimated number 14 years of age and over, total	54,110	$106, 940 \\ 54, 150 \\ 52, 790 \\ 1, 890 \\ 58, 430 \\ 16, 440 \\ 900 \\ 56, 310 \\ 16, 010 \\ 7, 210 \\ 40, 300 \\ 7, 210 \\ 40, 100 \\ 2, 120 \\ 46, 620 \\ 100 \\ 2, 100 \\ 2, 100 \\ 2, 100 \\ 2, 100 \\ 300 \\ 2, 100 \\ 2, 100 \\ 300 \\ 2, 100 \\ 300 \\ 2, 100 \\ 300 \\$	106, 970 54, 180 52, 790 1, 720 57, 790 15, 930 41, 860 55, 390 15, 480 39, 910 6, 500 48, 890 2, 400 47, 460	$107, 060 \\ 54, 230 \\ 52, 830 \\ 1, 620 \\ 58, 010 \\ 15, 910 \\ 42, 100 \\ 55, 520 \\ 15, 430 \\ 40, 090 \\ 6, 920 \\ 48, 600 \\ 2, 490 \\ 47, 430 \\ 1, 040 $	$107, 190 \\ 54, 370 \\ 52, 820 \\ 1, 570 \\ 58, 390 \\ 15, 950 \\ 42, 440 \\ 56, 060 \\ 15, 470 \\ 40, 590 \\ 7, 240 \\ 48, 820 \\ 2, 330 \\ 47, 230 \\ 40, 640 \\ 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,$	107, 260 54, 420 52, 840 1, 530 59, 120 16, 320 42, 800 56, 700 15, 800 7, 860 40, 900 7, 860 48, 840 2, 420 46, 610	$\begin{array}{c} 107, 330\\ 54, 460\\ 52, 870\\ 1, 470\\ 60, 290\\ 17, 120\\ 43, 170\\ 58, 330\\ 16, 580\\ 41, 750\\ 8, 960\\ 49, 370\\ 1, 960\\ 45, 570\\ \end{array}$	107, 407 54, 506 52, 901 1, 398 62, 609 18, 149 44, 440 44, 440 44, 440 44, 475 10, 377 49, 678 2, 555 43, 399	107, 504 54, 561 52, 943 1, 371 62, 664 17, 803 44, 861 60, 079 17, 008 43, 071 10, 066 50, 013 2, 584 43, 469	107, 590 54, 612 52, 978 1, 352 61, 665 17, 125 44, 540 59, 569 16, 547 43, 022 8, 975 50, 594 2, 121 44, 203	107, 675 54, 661 53, 014 1, 326 60, 784 17, 233 43, 551 58, 872 16, 714 42, 158 8, 727 50, 145 1, 912 45, 544	$107, 755 \\ 54, 710 \\ 53, 045 \\ 1, 327 \\ 60, 892 \\ 17, 449 \\ 43, 443 \\ 59, 204 \\ 16, 944 \\ 42, 260 \\ 8, 622 \\ 50, 583 \\ 1, 687 \\ 45, 535 \\ 10, 687 \\ 10, 68$	$107, 839 \\ 54, 759 \\ 53, 080 \\ 1, 294 \\ 60, 216 \\ 17, 068 \\ 43, 148 \\ 58, 595 \\ 16, 623 \\ 41, 972 \\ 7, 985 \\ 50, 609 \\ 1, 621 \\ 46, 330 \\ 10, 44$
Total thous Manufacturing do. Mining do. Construction do. Transportation and public utilities do. Trade do. Finance do. Service do. Government do. Adjusted (Redard Reservo) do.	$\begin{array}{c} 42, 439\\ 15, 271\\ 883\\ 1, 713\\ 4, 101\\ 8, 898\\ 1, 543\\ 4, 555\\ 5, 475\\ \end{array}$	$\begin{array}{c} 42,928\\ 15,348\\ 874\\ 1,644\\ 4,071\\ 9,234\\ 1,546\\ 4,573\\ 5,638\\ \end{array}$	$\begin{array}{c} 41,803\\ 15,372\\ 883\\ 1,527\\ 4,014\\ 8,552\\ 1,544\\ 4,527\\ 5,384 \end{array}$	$\begin{array}{c} 41,849\\ 15,475\\ 880\\ 1,502\\ 4,011\\ 8,507\\ 1,546\\ 4,561\\ 5,367\end{array}$	$\begin{array}{c} 42,043\\ 15,510\\ 879\\ 1,534\\ 4,020\\ 8,565\\ 1,555\\ 4,565\\ 5,415\\ \end{array}$	$\begin{array}{c} 41,824\\ 15,429\\ 856\\ 1,619\\ 3,836\\ 8,552\\ 1,554\\ 4,552\\ 5,426\\ \end{array}$	$\begin{array}{c} 41,919\\ 15,237\\ 884\\ 1,685\\ 3,970\\ 8,545\\ 1,561\\ 4,590\\ 5,447\\ \end{array}$	$\begin{array}{c} 42,361\\ 15,327\\ 893\\ 1,768\\ 4,115\\ 8,581\\ 1,567\\ 4,711\\ 5,399 \end{array}$	$\begin{array}{r} 42,175\\ 15,209\\ 864\\ 1,847\\ 4,140\\ 8,558\\ 1,590\\ 4,686\\ 5,281\end{array}$	r 42,624 r 15,595 896 r 1,895 r 4,145 r 8,586 1,602 4,619 5,288	* 43, 036 * 15, 798 * 894 * 1, 904 * 4, 114 * 8, 680 1, 583 4, 634 5, 425	r 43, 298 r 15, 832 r 894 r 1, 895 r 4, 102 r 8, 880 r 1, 586 r 4, 662 5, 447	43, 449 15, 85 890 1, 85 4, 07 9, 08 1, 588 4, 676 5, 428
Aujusted (Federal Reserve): do Total. do Manufacturing. do Mining. do Construction do Transportation and public utilities do Trade do	42, 139 15, 233 883 1, 679 4, 101 8, 639	$\begin{array}{r} 42,207\\15,310\\874\\1,731\\4,091\\8,630\end{array}$	$\begin{array}{r} 42,243\\15,426\\883\\1,678\\4,075\\8,595\end{array}$	42, 354 15, 529 880 1, 651 4, 052 8, 637	$\begin{array}{r} 42, 395\\ 15, 564\\ 879\\ 1, 632\\ 4, 040\\ 8, 695\end{array}$	$\begin{array}{r} 42,065\\ 15,513\\ 856\\ 1,652\\ 3,855\\ 8,638 \end{array}$	42, 079 15, 359 884 1, 668 3, 970 8, 631	42, 340 15, 358 893 1, 700 4, 074 8, 669	$\begin{array}{r} 42,103\\ 15,180\\ 866\\ 1,742\\ 4,079\\ 8,688 \end{array}$	r 42, 449 r 15, 457 896 1, 770 r 4, 083 r 8, 761	r 42, 846 r 15, 712 r 894 r 1, 796 r 4, 114 8, 772	r 43,077 r 15,785 r 894 r 1,805 r 4,102 r 8,792	P 43, 141 P 15, 812 P 896 P 1, 816 P 4, 077 P 8, 817

'Revised. »Preliminary. 'New series. See note marked "†" on p. S-9 of the September 1947 Survey for reference to data beginning 1939 or 1938 for the series on wholesalers' sales and inventories and recent minor revisions in the sales figures. Estimates of the labor force for July 1945 to date have been published on a revised basis beginning in the September 1946 Survey; earlier revisions for these series and 1940-46 data for the series on institutional population will be published later. revised series. For revised data for 1919-45 for the index of department store stocks see p. 24 of August 1946 Survey. See notes marked "†" on pp. S-8 and S-9 of September 1947 Sur-rev with regard to published and unpublished revisions in the estimates of employees in nonagricultural establishments and in the indexes of department store sales, except the index for the Philadelphia district; revised data for 1919-46 for this district are shown on p. 17 of that issue.

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Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber
EM	PLOY	MENT	COND	ITION	S AND) WAG	ES-C	ontinu	ıed				
EMPLOYMENT—Continued										1			
Estimated production workers in manufacturing industries, total (U. S. Dept. of Labor)*									l				
Durable goods industriesdo	12, 449 6, 379	12,514 6,393	12,511 6,429	12,593 6,502	$\begin{array}{c c}12,614\\6,532\\1,567\end{array}$	12,524 6,524	$12,341 \\ 6,426$	12,404 6,488	12,276 6,307	r 12,640	* 12,829 * 6,477	7 12, 854 7 6, 528	12,87 6,57
Iron and steel and their productsdo Blast furnaces, steel works, and rolling mills thousands	1, 535 482	1, 521 467	1, 552 480	1, 562 483	1, 567	1, 567 487	1, 555 491	1, 562 497	1, 547 498	1, 572 503	1, 580 500	r 1, 589 502	1, 59
Electrical machinerydo Machinery, except electricaldo	590 1, 150	597 1, 161	598 1, 173	601 1, 181	$599 \\ 1,189$	567 1, 197	554 1, 194	574 1, 185 382	557 1, 149	559 r 1, 175	567 1, 185	577 + 1, 190	58 1, 19
Machinery and machine-shop products_do Machine toolstdo Automobilesdo	378 60 778	380 61 774	$ 381 \\ 60 \\ 755 $	385 59 791	386 58 798	386 57 807	384 55 751	382 53 789	373 50 785	376 52 772	378 52 7 798	378 51 795	79
Transportation equipment, except automobiles thousands. Aircraft and parts (excluding engines) ‡.do	464	473	474	472	471	477	466	463	205	397	409	r 424	43
Aircraft and parts (excluding engines) ‡.do Aircraft engines ‡	146 29 134	145 29 143	144 30 142	142 29 141	141 28 140	142 28 144	138 27 140	134 27 140	129 27 88 386 658	131 27 87	131 27 95	134 26 104	
Nonferrous metals and productsdo Lumber and timber basic productsdo	422	426	428 592	432 598	430	424 627	412 651	401 665	386 658	r 390 679	7 394 679	+ 397 + 681	39
Sawmills and logging campsdo Furniture and finished lumber productsdo	480 419	473 425	471 432	477	489 440	503 433	524 425	535 426	531 419	552 433	550 438	550 7 446	45
Furnituresdo Stone, clay, and glass productsdo Nondurable goods industriesdo	224 422 6, 070	$227 \\ 424 \\ 6, 121$	$230 \\ 425 \\ 6,082$	235 424 6, 091	$234 \\ 427 \\ 6,082$	229 429 5, 996	226 418 5, 915	$227 \\ 423 \\ 5,916$	224 411 5, 987	230 424 r 6, 239		239 429 * 6, 326	43 6, 30
Textile-mill products and other fiber manufac- turesthousands	1, 230	1, 242	1, 242	1, 247	1, 242	1, 223	1, 197	1, 179	1, 158	1, 172	r 1, 192	r 1, 217	1, 23
Cotton manufacturing, except small wares s thousands.	r 512 r 106	r 516 r 107	, 518 , 107	7 520 7 107	7 519 7 107	r 517 r 105	r 509 r 103	7 502 7 102	+ 493 + 100	r 494 r 102	7 499 7 103	508 106	
Silk and rayon goods §do Woolen and worsted manufactures (except dyeing and finishing) §thousands Apparel and other finished textile products	r 179	r 182	r 180	+ 179	+ 175	r 170	r 164	, 163	* 158	r 163	r 169	171	
thousands	1,063	1, 079 283	1, 090 285	1, 119 288	1, 120 288	$1,066 \\ 284$	$1,037 \\ 281$	1, 040 285	1, 040 278	1, 122 295	1, 149 299	1, 181 307	1, 16
Men's clothing§do Women's clothing§do Leather and leather productsdo	407 357	414 362	422 362	439 364	442 363	408 358	389 345	389 346	400 349	7 440 360	* 452 364	462 366	36
Boots and shoes§dododododo	219 1.141	222 1, 139	$ \begin{array}{r} 223 \\ 1,098 \\ 212 \end{array} $	$224 \\ 1,059 \\ 208$	224 1,055	$221 \\ 1,068 \\ 212$	$213 \\ 1,077 \\ 211$	214 1, 114	217 1, 203	223 1,344	$225 \\ 1,376 \\ 220$	226 • 1, 255 225	1, 20
Baking§do Canning and preserving§do Slaughtering and meat packing§do	212 216 163	215 195 180	158 184	138 178	210 129 172	135 168	136 173	213 155 176	217 246 182	218 350 183	220 379 182	225 237 183	
Tobacco manufactures	91 383	92 387	90 386	89 387	$\frac{86}{387}$	$\frac{82}{385}$	83 381	84 381	84 373 194	183 85 380	86 381	88 385	9 38
Paper and pulp§dodododo Printing, publishing, and allied industries thousands	190 415	192 420	192 417	193 420	194 421	192 421	193 422	195 423	194 422	197 426	197 429	197 433	43
Newspapers and periodicalsdo Printing, book and job§do	135 177	137 178	135 178	137 178	139 177	140 176	141 175	142 176	142 176	143 176	144 178	145 181	
Chemicals and allied productsdodo	550 121 155	555 123 155	564 124 154	568 124 155	569 125 155	$565 \\ 125 \\ 154$	561 125 158	543 127 160	547 126 163	547 125 163	563 124 162	572 123 162	
Products of petroleum and coaldo Petroleum refiningdo Rubber productsdo	99 240	99 242	98 240	99 240	99 238	98 234	100 223	101 219	103 212	103 7 215	102 7 215	101 7 220	22
Rubber tires and inner tubes§ do Production workers, unadjusted index, all manu- facturing (U. S. Dept. of Labor)†1939=100.	129	129 152. 8	128 152.7	127 153. 7	126 154.0	123 152. 9	119 150.6	118 151.4	115 150. 1	r 117 154.3	113 + 156, 6	114 + 156.9	
Durable goods industries	176.7	132.8 177.0 153.4	178.0	180. 1 157. 5	180.9 158.1	180. 8 158. 0	178.0 156.8	179.7 157.5	174.7 156.1	104.5	179.4	* 180. 8 * 160. 2	182.
Blast furnaces, steel works, and rolling mills 1939=100	124.0	120.2	123.5	124.4 232.0	124.2	125.3	126.4	128.0	128.2	129.5	128.7 218.9	129.3	
Electrical machinerydo Machinery, except electricaldo Machinery and machine-shop products.do		230. 6 219. 6 187. 6	230. 8 222. 0 188. 8	232.0 223.5 190.3	231.3 225.1 190.6	218.7 226.6 190.8	213. 8 225. 9 189. 6	$\begin{array}{c} 221.5 \\ 224.2 \\ 188.7 \end{array}$	215.0 217.4 184.5	7 222.4	218.9 224.3 187.0	222.8 7 225.1 186.7	225.
Machine tools‡do Automobilesdo Transportation equipment, except automobiles	164.6 193.3	165.3 192.3	163. 2 187. 7	161.1 196.6	158.4 198.2	$156.1 \\ 200.5$	150.5 186.5	145. 9 196. 2	136.8 7 192.0		141.2 7 197.7	140.4 197.7	
1939 = 100. Aircraft and parts (excluding engines) t do	368.8	298. 2 364. 8	298. 4 362. 8	297. 6 357. 6	296. 7 355. 8	$300.8 \\ 357.6$	293. 7 348. 4	291. 8 337. 4	248, 9 326, 0		257.4 329.1	r 267, 2 337, 5	
Aircraft enginestdo Shipbuilding and boatbuildingtdo	329.8 193.2	326. 2 206. 2	331.4 205.7	321.8 203.3	314.9 202.8	315.8 207.8	303.4 202.7	302.5 202.7	301.1 • 126.7	r 125.8	r 299. 2 r 137. 5	294.8 149.4	
Nonferrous metals and productsdo Lumber and timber basic productsdo Sawmills and logging camps§do	184.0 142.4 152.9	185.8 140.8 150.7	186. 9 140. 9 150. 2	188.9 142.3 152.1	187.5 145.4 155.7	184. 8 149. 1 160. 3	179.6 154.8 167.0	175.1 158.2 170.5	168.6 156.5 169.4	7 170.4 161.5 175.8	r 171.7 161.6 175.3	173.3 7 162.1 175.5	162.
Furniture and finished lumber productsdo Furnituresdodo	127.7 125.6	129.6 127.7	131.8 129.3	134.5 132.1	134. 2 131. 3	131.8 128.9	129.5 127.0	$129.8 \\ 127.6$	127.8 125.9	131.9 129.4	133.5 131.0	7 136. 1 134. 1	138.
Stone, clay, and glass productsdo Nondurable goods industriesdo Textile-mill products and other fiber manu-	143.9 132.5	144. 4 133. 6	144. 9 132. 8	144.5 133.0	145. 3 132. 8	146. 0 130. 9	142.6 129.1	144. 0 129. 1	140. 2 130. 7	144.6 136.2	145. 5 138. 7	146.0 138.1	
factures1939=100 Cotton manufactures, except small wares §	107.6	108.6	108.6	109.1	108.6	106. 9	104.6	103. 1	101.2	102.5	104.2	* 106. 4	1
Silk and rayon goods \$	r 122. 5 r 83. 6	r 123. 4 r 84. 4	r 123. 9 r 84. 6	* 124. 4 * 84. 4	7 124. 1 7 84. 3	* 123. 5 * 83. 2	* 121. 7 * 81. 5	* 119. 9 * 80. 3	* 117.7 * 79.0	r 118. 1 r 80. 2	* 119.3 * 81.6	121.5 83.5	
dycing and finishing) §	* 113.6	r 115.3	* 114. 3	r 113. 8	7 111. 1	r 107.8	* 104. 2	7 103. 3	* 100. 3	* 103. 3	r 107. 0	108.4	(
	134.6 121.8	136.6 123.1	138.0 123.9	141.7 125.3	141.9 125.2	135.0 123.5 149.4	131.4 122.2	131.7 123.9	131.7 121.1	142.2 128.3	145.6 130.4	149.6 133.7	
women's clothings	142.1 102.9 94.7	144.8 104.4 96.0	147.4 104.4 96.4	153.5 104.9 97.1	154.5 104.7 97.2	142. 4 103. 0 95. 6	136. 0 99. 4 92. 1	135. 9 99. 8 92. 9	139.8 100.6 93.9	* 153.9 103.8 96.7	7 158.0 104.8 97.5	161.5 105.6 97.8	106.
Men's clothing \$	133. 5 111. 3	133.3 113.0	128.4 111.5	123. 9 109. 5	123. 5 110. 2	125. 0 111. 4	126.0 111.0	130.3 112.0	95.9 143.1 113.7	157.3 114.5	161.1 115.5	146.9 117.9	140.
Canning and preserving	143.4 120.9	129.6 133.0	105.4 136.5	91.8 131.9	86. 1 127. 7	90. 1 124. 3	90, 3 128, 0	103.3 130.6	163. 8 135. 0	$232.7 \\ 135.5$	252.1 134.7	157.9 135.5	

'Revised.
 'See note marked "§" on p. S-10 of September 1947 Survey for reference to revised data for shipbuilding, aircraft and aircraft engines, and machine tools.
 'Data for the indicated industries have been revised beginning 1939 to adjust the series to data from the Federal Security Agency; see note marked "§" on p. S-10 of September 1947 Survey for reference to revised data for 1830-46 for the boots and shoes industry; revised figures for 1930-46 for several data for 1930-46 for the boots and shoes industry; revised figures for 1930-46 for several data for 1930-46 for the boots and shoes industry; revised figures for 1930-46 for several data for 1930-46 for the boots and shoes industry; revised figures for 1930-46 for several data for 1930-46 for the boots and shoes industry; revised figures for 1930-46 for several data for 1930-46 for the boots and shoes industry; revised figures for 1930-46 for several data for 1930-46 for the boots and shoes industry; revised figures for 1930-46 for several data for 1930-46 for the boots and shoes industry; revised figures for 1930-46 for the boots and shoes industry; revised figures for 1930-46 for the boots and shoes industry; revised figures for 1930-46 for the boots and shoes industries and the industry groups and data beginning October 1941 for the individual industries, except as indicated in notes marked "\$" and "1" above.
 'Revised series. See note marked "4" on p. S-10 of the September 1947 Survey for reference to revised employment and pay-roll indexes for 1930-41 for the individual industries except as indicated in notes marked "\$" and "1" above.

Unless otherwise stated, statistics through	19	46				·		1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	October	Novem- ber
EM	PLOY	MENT	CONE	ITION	IS ANI) WAG	GES-C	Continu	ıed	<u> </u>			·
EMPLOYMENT—Continued	l												
Production workers, index, unadjusted†—Con. Nondurable goods industries—Continued Tobacco manufactures	97. 6 144. 3 137. 9 126. 6 113. 7 138. 3 190. 9 173. 3 146. 6 136. 0 198. 8 238. 3 151. 5 176. 4 131. 8	98. 3 145. 7 139. 2 127. 9 115. 2 139. 5 192. 5 176. 7 146. 1 136. 4 200. 1 237. 9 152. 4 177. 1 133. 0	96. 1 145. 6 127. 2 114. 0 139. 5 195. 6 178. 6 145. 4 135. 0 198. 8 235. 5 153. 4 178. 7 133. 4	95. 4 145. 9 140. 4 128. 1 115. 7 139. 4 197. 1 178. 6 146. 0 135. 2 198. 2 233. 3 154. 4 180. 8 133. 6	92, 2 145, 9 140, 4 128, 2 116, 9 138, 4 197, 5 179, 1 145, 9 135, 4 196, 5 231, 4 154, 6 181, 5 133, 4	87. 5 145. 0 139. 6 128. 5 117. 9 138. 1 196. 2 180. 1 145. 4 134. 0 193. 5 227. 0 153. 8 181. 2 132. 2	88. 4 143. 7 140. 3 128. 6 119. 0 137. 2 194. 8 180. 3 149. 3 137. 9 184. 5 220. 0 151. 9 178. 2 131. 1	90. 2 143. 4 141. 3 129. 1 137. 8 188. 5 182. 1 150. 8 139. 2 180. 7 217. 0 151. 7 179. 5 129. 8	89. 8 140. 7 140. 9 128. 8 119. 8 138. 2 189. 8 180. 8 180. 8 153. 7 141. 4 175. 2 212. 3 149. 4 174. 0 130. 0	91. 6 143. 0 - 142. 7 129. 8 120. 5 137. 7 189. 7 189. 7 154. 1 141. 5 - 177. 8 - 214. 9 152. 7 176. 2 134. 2	92.3 143.5 142.9 130.7 121.7 139.1 195.2 177.6 153.4 140.0 + 178.1 + 207.5 155.7 + 179.0 137.3	r 95.1 145.0 142.9 r 132.0 121.8 141.6 r 198.4 177.4 r 152.8 138.7 r 182.0 211.0 r 156.5 r 180.7 r 137.4	97. (145. ; 132. ; 199. ; 152. ; 184. ; * 186. ;
Labor): Mining:† Anthracite1939=100_ Bituminous coaldo Metalliferousdo Quarrying and nonmetallicdo Crude petroleum and natural gastdo	82.9 90.0 85.2 101.2 93.0	83. 0 88. 1 86. 2 99. 7 92. 6 103. 0	83. 4 90. 8 87. 2 96. 9 92. 1 102. 5	82. 9 90. 4 87. 6 97. 1 91. 7 103. 2	81. 8 89. 7 88. 6 98. 7 92. 0 104. 0	80. 1 83. 0 89. 6 103. 1 92. 6 104. 8	81. 1 88. 1 89. 4 104. 3 93. 3 105. 7	80. 3 88. 7 90. 4 105. 7 95. 5	78, 7 82, 1 89, 1 106, 0 97, 2	81. 4 88. 4 89. 5 106. 3 r 97. 4	80. 7 89. 2 88. 3 105. 4 r 95. 7	7 80, 9 7 89, 9 7 87, 9 104, 5 94, 5	
Electric light and powerdo Street railways and bussesdo Telegraphdo Telephonedo Services:†	130. 6 108. 7 183. 4	130. 1 107. 4 184. 6	130. 9 104. 6 185. 2	131. 1 201. 5 186. 9	131. 0 100. 7 188. 4	130, 9 104, 5 127, 2	130. 7 102. 8 159. 2	107. 5 130. 4 102. 3 190. 4	109.3 130.9 101.5 193.3	110, 2 130, 7 100, 5 193, 8	109. 9 129. 6 99. 8 7 192. 9	r 109, 4 r 128, 8 98, 1 r 191, 6	109. 128.
Dyeing and cleaningdo Power laundriesdo Year-round hotelsdo Trade: Retail, totaltdo	123.0 109.9 120.2 117.4	120. 9 110. 9 119. 1 126. 5	118. 2 111. 0 117. 3 110. 5	117. 0 109. 5 117. 7 109. 6	118.8 108.7 117.3 111.2	121.5 109.1 117.5 111.5	123.7 110.2 118.4 111.3	127.7 112.2 119.4 111.4	123. 4 112. 8 118. 3 110. 2	117.4 110.2 117.6 7110.0	118.6 109.6 117.4 112.3	r 120.0 r 108.5 r 117.7 r 115.7	116. 107. 118. 119.
Food*do General merchandising†do Wholesale†do Miscellaneous employment data:	108.6 145.2 112.7 220,879	111. 9 171. 0 114. 4 198, 097	108.5 125.6 112.2 186,449	111. 2 119. 4 111. 9 188, 212	112. 8 122. 5 111. 7 199, 338	113.7 122.9 110.5 213,871	113. 9 121. 2 109. 7 240, 838	113.7 120.6 110.5 266,966	113.0 116.7 111.1 285,865	7 114.7 115.7 112.2	112.6 122.6 113.3	115.0 131.3 7115.5	113.
Federal and State highways, total Construction (Federal and State)do Maintenance (State)do Federal civilian employees:¶ United Statesthousands	226, 850 75, 850 108, 328 2, 018 224	56, 289 104, 901 1, 981 221	45, 094 104, 914 1, 973 220	46, 048 105, 699 1, 966 219	52, 330 107, 855 1, 944 218	69, 239 105, 407 1, 926 215	90, 595 109, 641 1, 907 212	107, 192 116, 465 1, 850 205	116, 116 123, 877 1, 817	295, 234 125, 999 123, 976 1, 784	282,762 120,546 117,605 1,767	271, 998 115, 565 113, 058 1, 774	р 1, 77 р 19
District of Columbiado Railway employees (class I steam railways): Total thousands Indexes: Unadjusted†1935-399=100 Adjusted†	1, 412 135. 4 134. 3	1, 383 132. 5 134. 6	1, 361 130. 5 135. 7	1, 353 129. 7 133. 0	1, 354 129, 9 133, 2	1, 375 131, 9 134, 0	1, 395 133. 8 134. 3	1, 405 134. 8 132. 9	198 1, 413 135. 5 132. 7	196 1, 411 135, 3 132, 5	195 1, 393 r 133. 6 r 130. 4	195 \$\$1,389 \$\$133.2 \$\$128.9	p 19 p 1, 37 p 131. p 130.
PAY ROLLS													
Production-workers pay rolls, unadjusted index, all manufacturing (U. S. Dept. of Labor) † 1839=100 Durable goods industriesdo Iron and steel and their productsdo Blast_furnaces, steel works, and rolling	298. 2 331. 1 280. 8	306. 2 337. 3 276. 2	307.3 340.0 287.9	310. 6 344. 6 287. 9	314. 1 349. 9 294. 2	310. 7 349. 9 297. 5	312. 2 353. 8 306. 7	319. 6 365. 9 316. 1	314. 2 350. 1 304. 4	r 323. 3 r 356. 9 314. 4	7 336. 9 7 372. 2 325. 7	341. 6 379. 6 329. 0	
mills1039=100_ Electrical machinerydo_ Machinery, except electricaldo Machinery and machine-shop products. do Machine tools§do Automobiles§do Transportation equipment, except automo	$\begin{array}{c} 208.7\\ 416.0\\ 390.1\\ 336.8\\ 285.5\\ 325.7\end{array}$	193, 9 430, 2 399, 9 346, 7 290, 7 328, 9	208. 9 425. 6 406. 6 350. 3 282. 7 321. 1	209. 3 422. 9 409. 6 352. 0 278. 9 337. 3	212. 9 429. 6 416. 6 354. 9 275. 6 347. 7	219, 8 396, 6 423, 0 357, 6 269, 7 343, 4	236. 2 407. 1 429. 5 362. 6 263. 6 329. 0	247. 0 432. 6 434. 6 367. 9 262. 6 357. 0	235, 3 422, 3 419, 2 356, 1 239, 9 348, 8	250. 4 420. 3 * 426. 1 360. 2 250. 8 * 338. 7	252. 9 442. 2 442. 6 372. 0 254. 2 r 373. 5	448.2 373.6 253.9	
Aircraft and parts, excluding engines§do Aircraft engines§do Aircraft engines§do Nonferrous metals and their productsdo Lumber and timber basic productsdo Sawmills and logging camps§do Furniture§do Stone, clay, and glass products	$\begin{array}{c} 531.1\\ 680.4\\ 484.3\\ 336.8\\ 345.3\\ 284.7\\ 305.7\\ 268.5\\ 263.7\\ 274.8\\ 266.0\\ \end{array}$	571. 2 683. 3 533. 7 399. 1 356. 3 290. 6 306. 9 279. 1 273. 4 281. 6 275. 8	562. 6 668. 7 535. 0 395. 8 354. 8 292. 4 309. 2 283. 1 278. 8 280. 0 275. 3	558. 2 667. 8 506. 8 377. 9 360. 0 310. 7 333. 4 292. 0 289. 1 278. 4 278. 4 277. 4	$\begin{array}{c} 556.9\\ 662.2\\ 479.9\\ 386.0\\ 359.0\\ 310.1\\ 334.5\\ 292.0\\ 288.8\\ 285.7\\ 279.2\end{array}$	565.3 657.2 487.6 399.1 354.0 323.4 350.5 286.8 282.2 288.8 282.2 288.8	$\begin{array}{c} 561.\ 3\\ 639.\ 2\\ 477.\ 0\\ 395.\ 6\\ 349.\ 0\\ 351.\ 4\\ 384.\ 7\\ 285.\ 1\\ 278.\ 9\\ 286.\ 9\\ 271.\ 5\\ \end{array}$	$\begin{array}{c} 560.\ 3\\ 621.\ 5\\ 394.\ 3\\ 346.\ 2\\ 374.\ 9\\ 412.\ 2\\ 290.\ 4\\ 284.\ 7\\ 298.\ 2\\ 274.\ 2\end{array}$	483. 0 622. 4 485. 1 243. 1 326. 6 359. 8 397. 4 281. 4 281. 4 285. 9 279. 1	482. 9 637. 6 486. 7 7 241. 8 7 329. 7 387. 3 430. 4 293. 3 284. 7 301. 7 290. 4	501.5 624.4 r 501.3 r 266.1 r 343.6 385.7 425.8 305.0 297.9 r 306.0 302.4	297.8 353.2 385.5 420.6 318.5 315.0 311.2 304.5	
factures	246. 0 305. 9 202. 4 253. 7	253, 7 314, 0 209, 4 264, 6	254.3 317.7 213.2 263.6	262. 0 322. 8 219. 3 288. 1	265. 0 336. 6 221. 5 274. 7	255. 4 329. 2 213. 3 260. 6	248.3 317.3 212.9 252.6	242. 5 307. 5 206. 0 252. 5	237.5 302.6 203.0 243.0	r 240. 1 305. 7 208. 5 233. 6	r 256. 3 317. 4 220. 2 268. 5	329.1 227.6	
woole and worked manactures, except dyeing and finishing 1939=100. Apparel and other finished textile products 1939=100. Men's clothing§ 60. Women's clothing§ 60. Leather and leather products. do. Boots and shoes§ do. Food and kindred products. do. Baking§ do. Slaughtering and meat packing§ do.	283. 2 271. 9 284. 9 201. 6 190. 8 252. 0 205. 3 311. 5 226. 1	$\begin{array}{c} 292.\ 7\\ 278.\ 4\\ 296.\ 3\\ 218.\ 3\\ 209.\ 3\\ 263.\ 3\\ 215.\ 6\\ 302.\ 5\\ 252.\ 0\end{array}$	300. 6 277. 2 340. 0 220. 8 197. 7 256. 4 207. 8 236. 6 285. 7	314. 1 280. 8 344. 8 223. 0 198. 9 242. 5 201. 7 207. 2 254. 0 the data.	317. 5 281. 3 340. 0 222. 2 213. 7 239. 3 200. 7 197. 4 232. 6	279.8 267.1 277.7 214.6 205.3 243.1 203.4 211.7 227.2	272. 1 270. 5 260. 3 207. 0 197. 0 252. 8 208. 4 217. 8 249. 4	274. 9 273. 0 264. 1 211. 5 201. 7 267. 8 213. 1 249. 3 259. 9	278.9 260.0 283.1 214.2 204.8 295.8 218.0 401.8 280.9	302.3 264.8 323.1 220.4 209.9 325.6 218.4 653.7 270.0	318.5 284.9 7 334.7 231.6 221.5 331.6 223.2 676.8 271.9	336. 0 302. 3 349. 5 234. 9 223. 8 308. 8 230. 8 434. 2	

Revised. * Preliminary. \$ See note on item on p. S-10 regarding revisions in the data.
* Total includes State engineering, supervisory and administrative employees not shown separately.
* See note on item in July 1944 and September 1947 Surveys regarding changes in the data beginning in 1943 or 1945. 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 are shown on p. 31 of the June 1943 Survey.
* New series. Indexes beginning 1939 for employment in retail food establishments are shown on p. 31 of the June 1943 Survey.
* The water on the adjusted indexes of employment in manufacturing industries will be shown later. See note marked "t" on p. S-11 of September 1947 Survey 1946 for the adjusted indexes of employment in manufacturing industries and 1989-41 data for the other Department of Labor series on nonmanufacturing employment and pay rolls, and also for reference to earliest data published for the index of railway employees. See mark "t" on p. S-10 with regard to revised unadjusted indexes of employment and pay rolls in manufacturing industries.

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	October	Novem- ber
EM	PLOY	MENT	COND	ITION	IS AND	WAG	ES-C	Continu	ıed		·	·	·
PAY ROLLS—Continued		1				······		<u> </u>	Ĭ	1		1	1
Production-workers pay rolls, mfg., unadi.t—Con.		ļ									{		-
Nondurable goods industries—Continued Tobacco manufactures	212. 7	222.0	209.4	201.0	193. 1	181.6	182.8	194.8	200.0	203.0	204.9	214.5	
Paper and allied productsdo Paper and pulpsdo	276.6 267.0	284.5 272.7	285.1 274.3	288. 1 279. 8	290. 9 281. 4	290, 9 284, 4	291. 1 289. 4	298.0 302.1	298.7 309.6	300.6	308.5 7317.0	314.4 317.3	
Paper and pulp\$do Printing, publishing, and allied industries 1939=100	214.0	223.9	219.6	221.8	227.7	230. 7	234.2	235.9	233.6	235.5	· 245.0	247.9	
Newspapers and periodicals	182.0 241.4	189.7 253.7	185. 2 249. 4	191. 2 248. 4	197. 2 253. 5	202. 1 255. 2	209.3 255.4	210.0 258.1	208.9 258,9	214.0 254.8	221.6 266.6	221.6	
Printing, book and job§	345.0 301.3	357.0 313.4	362.9 321.0	372.6 323.5	377.5 326.8	378.3 329.5	381.5 334.9	373.3 338.9	378.7 341.8	380.4 336.8	395.1 336.2	400.5	
Chemicals and anice products	252.6 226.9	250.9 230.2	253.9 227.5	256. 8 228. 8	262.1 234.9	265.2 236.8	275.7 243.8	286. 2 253. 8	295.6 265.4	297.2 262.2	302.4 266.4	297.9	
Rubber productsdo	377.4 414.7	392.2 425.3	386.3 416.3	385.0 413.3	374.3 397.3	383.9 414.2	367.2 399.3	361.9 396.1	352.7 389.5	* 357.4 * 396.0	* 369.0 * 397.9	375.6	
Commanufacturing, unadjusted (U. S. Dept. of Labor):	111.7	120.0	110.0		001.0		000.0	000.1	505.0	030, 0	001.0	0.00.0	
Mining:	182.3	212.3	202.0	184.7	206.2	155.5	186.3	194.6	177.8	216.6	211.1	224.1	
Anthracite1939=100Bituminous coaldo	233.1	258.3 159.3	265.4 156.8	248.7 162.0	245.6	189.8 164.7	244.6	252.3	192.9	264.4	270.2	275.2	
Metalliferousdo Quarrying and nonmetallicdo Crude petroleum and natural gastdo	146. 9 222. 4	221.9	204.8	205.6	162.6 213.7	233.2	172.1 241.7	181.8 251.3	171.9 251.2	178.3 259.6	179.0 258.5	261.2	
Public utilities.	151.0	147.1	153.8	152.9	154.5	162.3	163.4	175.3	173.9	7 173.4	175.6		
Electric light and powerdo Street railways and bussesdo Telegraphdo	157.6 210.9	161.6 213.6	159.5 216.1	163.7 219.5	160. 8 218. 6	166.5 218.8	$168.2 \\ 220.0$	177.5 222.1	178.4 222.1	182.9 225.2	183.1 224.1	182.8 223.2	
Telegraphdo Telephonedo	194. 2 273. 0	190. 5 264. 5	189.1 267.5	185.4 269.4	198.0 267.2	239.3 136.1	226. 9 202. 9	218.8 292.5	215.2 302.2	213.5 306.2	211.8	208.1 314.2	
Services:† Dveing and cleaningdo	217.0	219, 5	213.8	204.7	214.7	221.7	231.5	241.9	228.2	208.9	220.7	221.6	
Power laundriesdo Year-round hotelsdo	191.5 218.5	201. 0 218. 8	201. 8 215. 1	196. 1 216. 6	196. 9 216. 8	200.5 219.4	203.8 221.1	211.1 226.4	210.3 222.0	203. 9 221. 0	208.2 222.6	204.5	
Trade	191.7	212. 2	187.2	187.5	190.1	192. 9	195.3	201.6	198.5	+ 197.6	202.5	206.9	
Retail, total†do Food*dododododo	185.7 225.0	194.6 277.2	189.4 208.4	197.1 201.4	199.9 205.6	202.8 210.4	206. 0 212. 3	212. 1 218. 9	213.8 214.1	212.2 212.0	209.3 219.8	213.8	
Wholesaletdo	189.7	197. 2	189.7	190.4	191.6	190.8	191.4	198.0	196.5	198.2	203. 3	206. 9	
LABOR CONDITIONS verage weekly hours per worker (U.S. Dept. of				Ì									
Labor):	40.2	40.9	40.6	40.4	40.4	40.0	40.1	40.2	39.8	39.8	40.4	40.5	₽ 40. S
All manufacturing Durable goods industries Line and their products	40.2	40.8	40.5	40.5 40.0	40.7	40. 7 40. 4	40.5	40.2 40.7 40.5	40.0	40.0 39.6	40.6	41.0	₽ 40.8
Iron and steel and their products*do Blast furnaces, steel works, and rolling	38.8		38.2	38.5	38.9	39.2	38.9	39.5	37.4	39.2	38.9		
mills*burget Electrical machinery*do Machinery, except electrical*do Machinery and machine-shop products*	40.6	41.1	40.5	40.0 41.3	40.5	40.0	39.8 41.4	39.8 41.3	39.8 40.9	39.2	40.3	40.6	
Machinery and machine-shop products*	41.1	41.8	41.7	41.5	41.6	41.6	41.6	41.5	40.8	40.5	r 41.2	41. 4	
Machine tools*	42.3	42.8	42.2	42.3	42.3	42.0	42.1	41.3 42.2 38.7	41.6	7 41.4		41.9	
Automobiles*do Transportation equipment, except auto-	38.6			39.7	39.7	38. 5 39. 8	40.2		37.7	* 37. 2	1		
mobiles*hourshourshourshours	38.4	1	1	ł			1	40.1	40.1	* 39. 6	* 39.6	1 '	
hours_ Aircraft engines*do	39.6 37.2	41.9	41.4	40.1 40.7	39.8 39.4	39.6 39.7	39.5 39.6	39.2 38.8	39.7 39.2	40. 0 39. 2	7 39.2 7 40.0	40.3 40.5	
Shipbuilding and boatbuilding*do Nonferrous metals and their products*.do	35.7 40.9	40. 0 41. 7	41.0	38.4 41.0		39.9 40.8	40.4	40.7 40.5	39.9 39.7	* 39. 5	* 39. 2 40. 1	40.7	
Lumber and timber basic products*do Sawmills and logging camps*do	40.6		40.6	42.1 41.8	41.0 40.6	41.4 40.9	42.0	42.8 42.5	42.2	43.2 43.1	42.7 42.5	42.4 42.0	
Furniture and finished lumber products*	41.7	42.2		41.9	41.7	41.5	41.5		41.1	41.2	41.5	42.1	
Furniture*do Stone, clay, and glass products*do	41.4 40.3		40.5		40.5	41.4 40.5	41.2 40.3	40.8		· 40.6	r 40.6		
Nondurable goods industries*do Textile-mill products and other fiber manu-	40.3			40.4	1	39.6	[1	39.7	1			
factures*hours_ Cotton manufactures, except small wares*	40.2			1		39.1	38.9		38.4	[
hours Silk and rayon goods*do Woolen and worsted manufactures except	40.3			40.5		39.3 40.2	38.8 41.0		38.3 40.3				
dyeing and finishing*hours_	40.1	41.3	41.3	41.0	40.1	39.1	39.2	39.4	39.1	36.6	40.2	39.7	
Apparel and other finished textile products* hours_	36.6		36.9	36.7	36.7	35.5	35.8	36.0	35.8				
Men's clothing*do Women's clothing*do	37.8	35.3	35.7	36.2	36.1	36.6 34.4	37.2 34.6	35.0	34.8	* 34.6		35.8	
Leather and leather products*do Boots and shoes*do	37.1 36.3	38.8	39.1	39.5 39.2	38.1	38.3 38.0	37.8	37.7	38.2 37.8	38.1 37.7		39.0	
Food and kindred products*	42.9			42.7 43.2	42.3	42.1 42.5	43.0	43.2 142.6	43.2 1 42.7	43.4	* 43.5	1 42.8	
Baking*do Canning and preserving*do Slaughtering and meat packing*do	37.3	38.8	37.6	37.0 42.7	37.7 41.9	38.0 41.8	38.3	37.8	39.9 44.5	42.6	• 42, 9	40.9	
Tobacco manufactures*do Paper and allied products*do	39.7 43.3	40.2	39.2 43.2	37.8 43.2	37.5	36.7 43.0	36.3	38.2	39.6 42.9	39.2	39.1	39.8	
Paper and pulp*	44.4			44.3	44.3	44.4	44.7	44.5				44.4	
hours.	41.0 39.3	41. 5 39. 3		40. 1 38. 6	40. 3 38. 8	40. 1 38. 9	40. 1 38. 9	39.9 38.4	39.6 38.2			40.1	
Newspapers and periodicals*do Printing, book and job*do	41.9	42.7	42.0	40.8	41.1	40.7	40.6	40.6	40.5	40.0	40.8	40.7	
Chemicals and allied products*do Chemicals*do	41.3	41.2	41.3	41.0	41.3	41.0	41.0	41.1 40.9	40.9	40.7	40.5	40.6	
Products of petroleum and coal*do Petroleum refining*do	40.3 40.0 40.0	40.4	39.9		40. 2 39. 8 39. 8 39. 8 38. 2	40.5 40.1	40.0		40.5	40.3	40.7	39.9	
Rubber products*do Rubber tires and inner tubes*do					, XU 2	39.5	39.0	39, 1	38.6	7 38.7	7 39.9		

January 1948

SURVEY OF CURRENT BUSINESS

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem ber
EN	IPLOY	MENT	CONI	DITION	IS ANI) WAG	GESC	Continu	ıed				<u> </u>
LABOR CONDITIONS—Continued		Ì											
Average weekly hours per worker—Continued Nonmanufacturing industries:													
Building construction hours. Mining:	37.2	38.4	37.6	36.9	38.0	37. 1	37. 7	37.7	37.9	39.7	3 8. 0	38.0	
Anthracitedo Bituminous coaldo	. 35.7 41.7	40. 9 46. 7	39.1 46.7	35, 1 43, 6	39. 8 43. 7	32, 3 36, 4	37. 2 44. 3	39.2 743.7	$37.0 \\ 31.8$	38.5 39.1	$38.2 \\ 39.1$	40.0	
Metalliferous	39.9 45.4	42.2 45.8	40. 1 41. 2 43. 1	42.0 42.8	43.7 41.6 43.5	41.8 44.5	41. 3 42. 2 45. 6	42.6	41.2	41.4 46.1	41.6	40.0 42.3	
Metalliferousdo Quarrying and nonmetallicdo Crude petroleum and natural gasdo Public utilities:	40.4	40. 8 39. 5	41.3	40.3	39.6	40.8	40.5	45.6 41.9	45. 2 40. 6	40.1	46.1 40.3	46. 4 40. 0	
Electric light and powerdo	41.6	41.4	41.9 47.7	41.6 48.0	41.0 47.8	42.2 47.8	41.6 47.6	42. 2 47. 4	42. 1 46. 3	42.4 46.6	42.0 46.1	42.1	
Telephone do	.] 43.5	43.2	43.8	44.0	47.8 43.7 37.9	47.3	46.0	44.8	44.8	40.0 44.8 38.7	44.5	45.7 44.8	
Services:	. 39.3	38.0	38.4	38.0	l	26.9	31.5	37.5	38.4	ļ	7 39.1	39.3	
Dyeing and cleaningdo Power laundriesdo Year-round hotelsdo	41.9	42.8 43.5	42.3 43.3	41.1 42.5	42.0 42.4	41.9 42.8	42.6 42.7	42.9 42.8	42. 1 42. 6	40.8 42.2	41.9 42.4	41.5 42.3	
Trade.	43.8	43.7	43.8	44.3	44.7	44.9	45.0	45.2	44.9	45.0	44.1	43.9	
Retaildo Wholesaledo Industrial disputes (strikes and lock-outs):	39.7 41.6	40. 3 42. 3	39.9 41.5	40.1 40.8	40.0 40.8	40.0 41.2	40.0	40.8 41.6	41. 1 41. 1	⁷ 41.0 41.1	40.2 41.2	40.0 41.0	
Beginning in month.	1									[
Workers involvedthousands_ In effect during month: •	344	168 76	₽ 290 ₽ 100	₽ 290 ₽ 90	₽ 325 ₽ 100	r 460 r 600	▶ 425 ▶ 200	> 350 > 475	р 300 р 500	▶ 325 ▶ 120	≥ 200 ≥ 75	» 175 » 60	P 15
In effect during month: • Work stoppagesnumber	677	402	₽ 460	₽ 460	> 500	₽ 625	₽ 650	₽ 600	₽ 500	> 500	₽ 400	₽ 350	₽ 27
Work stoppagesnumber. Workers involvedthousands. Man-days idle during monthdo	707 4, 980	500 3, 130	p 150 p 1, 250	₽ 145 ₽ 1, 225	₽ 160 ₽ 850	» 650 » 7, 750	₽ 625 ₽ 5, 700		ν 650 ν 4, 200	[₽] 250 ₽ 2, 500	₽ 165 ₽ 2,000	₽ 145 ₽ 1, 850	p 10 p 70
Percent of available working time* U. S. Employment Service placement activities:	.8	.5	.2	. 2	.1	1.1	.8	.5	.6	.4	.3	. 2	
Nonagricultural placements † thousands. Unemployment compensation (Soc. Sec. Admin.):	- 440	358	366	348	391	419	442	453	454	484	546	528	45
Initial claims*thousandsthousandsdo	620 3,492	909 4,119	1,011 4,982	731 4,487	739 4,684	1,020 4,833	1, 166 4, 802	878 4, 905	942 5, 219	623 4, 296	$566 \\ 3,742$	618 3, 359	¹ 60 1 2, 84
Benefit payments: Beneficiaries weekly average do	710	747	893	911	975	930	940	1,006	958	907	779	656	1 59
Amount of payments	54,098	59, 370	74, 760	65, 910	71, 545	71, 569	72, 295	73, 559	76, 682	66, 456	59, 257	52, 774	1 41, 65
Initial claimsthousandstousandsdo	405	583 4, 345	638 5, 246	444 4, 504	397 4, 423	373 3, 913	354 3, 173	493 3, 021	476 3, 446	386 3, 023	283 r 2, 448	289 1, 939	29
Claime filed during last week of month do	877	935 81, 964	1, 168 106, 586	1, 149 88, 364	1,002 89,052	850 78, 806	677 63, 722	722 58, 509	759 66, 213	715 59, 521	528 50, 171	419 38, 153	29, 55
Amount of payments	5.7	4.3	6.0	5.0	5.1	5. 1	4.8	5.5	r 4, 9	5.3	5.9	p 5. 5	
Separation rate, total	4.9	4.5	4.9	4.5	4.9	5. 2 . 4	5.4	4.7	• 4.6 .4	5.3	5.9	₽ 5.0 ₽.4	
Layoffs	3.7	1.0 3.0	.9 3.5	.8 3.2	.9 3.5	1.0 3.7	1.4 3.5	1.1	1.0 7 3.1	4.0	.9	₽.9 ₽3.6	
Quitsdo Military and miscellaneousdo	.1	.1	.1	.1	.1	.1	.1	.1	.1	1	1	P.1	
WAGES													
A verage weekly earnings (U.S. Dept. of Labor):	45.79	46.96	47.10	47.29	47.69	47.50	48.44	49.33	48.98	7 49. 17	r 50. 43	r 50.98	₽ 51. C
All manufacturing t	48.62	49.57 49.67	49.60 50.64	49.74 50.33	50.30 51.31	50. 34 51. 78	51.72 53.71	52.99 55.18	52.19 53.67	* 52.46 * 54.53	* 54.01 56.15	7 54.66 56.50	₽ 54.7
Blast furnaces, steel works, and rolling millst		48.59	50.89	50.67	51.77	52, 83	56.26	58. 12	55. 23	58, 25	59.16	58, 56	
Electrical machinerytdo Machinery, except electricaltdo Machinery and machine-shop prod-	48.33	49.13 52.87	48.63 53.12	48. 13 53. 22	49.07	48.36 54.25	50, 24 55, 20	51, 57 56, 30	52.00 56.06	51.53	53.44	54.14 57.99	
Machinery and machine-shop prod- uctstdollarsdollars	- - 51.38	52.62	52.78	52.61	53.10	53. 31	54.44	55. 53	55.00	55.07	56.41	56.62	
Machine toolsdo	55, 90	56.66 54.98	56.17 54.13	56.09 54.29	56.46 55.45	56, 06 54, 14	57.13	58, 31 57, 48	56.78 56.44	7 57.77 7 55.76	7 58.69 7 59.35	59.25	
Automobiles†do Transportation equipment, except auto- mobiles	52.37	55, 35	54.48	54.34	54. 25	54.29	55.31	55. 59	56.02	* 55, 75	56.31	57.95	1
mobilesdollarsd	52.53	53.46 56.89	52.59 56.15	53.41 54.77	53. 22 53. 02	52. 54 53. 69	52.42 54.76	52. 58 55. 44	56. 02 56. 19	55.30 56.58	54.00 58.43	56.05 59.31	
Aircraft engines* do Shipbuilding and boatbuilding do Nonferrous metals and products †do	51.47	57.21 50.40	57.05 49.91	55.37 50.12	56, 59 50, 26	56.97 50.30	57.91 51.15	57.79 52.06	56. 77 51. 12	7 56.93 7 51.07	7 57.35 7 52.65	59.19 53.63	
Lumber and timber basic products fdo Sawmills and logging campsdo	37.74	38.79 37.05	39.11 37.41	41.18 39.89	40. 31 39, 12	41.01 39.81	43.06 41.95	45.04 44.14	43. 57 42. 86	45.32	7 45.04 44.05	44.76	
Furniture and finished lumber products t do	41.62	42.49 43.04	42.41 43.35	42.80 44.20	43.00 44.33	42.87 43.99	43. 45 44. 21	44. 24 45. 04	43. 51 44. 12	144.09 144.58	* 45.38 46.24	46.55	
Furniture †do Stone, clay, and glass products † do Nondurable goods industries †do	44.91	45.89 44.24	45.58	45. 49 44. 67	46.38 44.89	46.49	47.24	48.54 45.31	48.00 45.61	7 49.06 7 45.78	7 49.51 7 46.78	49.99 • 47.17	
Textile-mill products and other fiber manufacturest		39.26	39.29	40.32	41,01	40. 12	39.89	40. 51 39. 54	39.48	7 39.44	* 41.39	41.94	1 -
Cotton manufactures, except small warest dollars	36.14	36, 85	37.06	37.56	39, 22	38, 53	37.73	37.10	37.21	37.50	38.55	39, 22	1
Silk and rayon goods†do Woolen and worsted manufactures	38.69	39.57	40. 21	41.45	41.94	40.89	41.73	40.97	41.17	41.65	43.23	43. 57	
(except dyeing and finishing) †dollars. Apparel and other finished textile products	41.67	42.96	43.10	47.44	46. 28	45. 26	45. 28	45. 75	45. 33	42.28	46.99	46. 70	
	36.54	37.23 41.78	38.22 41.70	38.74 41.86	38.41 41.99	35. 44 40. 45	35.36 41.49	35. 77 41. 35	$36.50 \\ 40.17$	7 36. 57 38. 66	7 37.53 41.05	38.66 42.77	
dollars. dodo Women's clothing§do Leather and leather products†do	43.28	44.14	47.30 40.18	48.77 40.29	47.75 40.11	42.32 39.44	41.58	41. 33	43.81 40.30	r 45.49 r 40.25	7 45. 90 7 41. 89	46.78	
Boots and shoesdo	35.76	38.65	39.05	38.96	38.91	37.96	37.78	38.30	38.49	38.32	40.12		

Unless otherwise stated, statistics through	19	46	1947											
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem ber	
EMPLOYMENT			CONDITIONS AND WAGES—Continued											
WAGES-Continued														
A verage weekly earnings—Continued All manufacturing—Continued Nondurable goods industries—Continued Food and kindred productstdollars Bakingsdo Canning and preservingtdo Slaughtering and meat packingdo	- 51.15	46. 93 47. 55 37. 93 51. 73	47.31 46.32 36.55 57.20	46. 40 45. 80 36. 82 52. 82	46. 05 45. 17 37. 40 49. 87	46. 20 45. 26 38. 50 50. 22	47. 71 1 44. 84 39. 39 53. 37	48. 27 ¹ 45. 50 39. 37 54. 40	48.40 145.81 39.96 56.82	r 49. 45 1 45. 52 45. 88 r 54. 33	r 49. 13 1 46. 14 7 43. 94 55. 31	49. 61 ¹ 46. 85 45. 03 54. 98	1	
Tobacco manufacturestdo Paper and allied productstdo Paper and pulpdo Printing, publishing, and allied industriest	36.66 46.08 49.37 55.11	38. 12 46. 87 49. 92 57. 03	36.74 47.05 50.18 56.60	35. 44 47. 42 50. 98 56. 74	35. 21 47. 92 51. 27 58. 19	34.84 48.20 52.07 58.69	34.46 48.79 52.84 59.55	36, 30 49, 95 54, 83 59, 76	37.74 51.06 56.36 59.37	37.26 7 50.72 7 56.30 7 59.48	37.24 7 51.87 57.03 7 61.58	37.91 52.09 57.19 61.67		
dollars. Newspapers and periodicals*do Printing, book and job*do Chemicals and allied productstdo Chemicalsdo Products of petroleum and coaltdo Petroleum refiningdo Rubber productstdo Rubber the sand inner tubesdo	61. 11 52. 60 45. 88 52. 96 54. 50 57. 11	62. 95 54. 98 47. 14 54. 15 54. 55 57. 80 54. 63 60. 46	62.08 54.19 47.39 54.77 55.24 57.74 54.03 59.78	63.00 54.07 48.17 55.10 55.39 57.75 54.06 59.90	64. 25 55. 67 48. 60 55. 33 56. 53 59. 15 52. 97 58. 05	65. 29 56. 13 48. 93 55. 45 57. 41 60. 24 55. 23 61. 64	$\begin{array}{c} 67.10\\ 56.41\\ 49.80\\ 56.35\\ 57.92\\ 60.01\\ 55.30\\ 61.12\end{array}$	55. 16 67. 16 56. 81 50. 59 56. 80 59. 64 62. 17 55. 49 61. 35	66.53 56.77 51.00 57.73 60.57 64.12 55.74 62.06	r 67.74 r 55.95 51.27 57.44 60.62 63.12 r 55.92 61.15	69.59 58.32 51.81 57.98 61.97 64.75 57.76 63.80	69. 32 58. 63 51. 77 57. 82 61. 14 63. 82 55. 55 63, 78		
Average hourly earnings (U. S. Dept. of Labor): All manufacturing t	1.139 1.210 1.247	1.148 1.216 1.248	$1.161 \\ 1.224 \\ 1.261$	$1.170 \\ 1.229 \\ 1.258$	$1.180 \\ 1.236 \\ 1.269$	1.186 1.243 1.280	$1.207 \\ 1.278 \\ 1.333$	1. 226 1. 303 1. 363	1, 230 1. 305 1. 365	* 1. 236 1. 312 1. 376	1.249 7 1.330 1.397	1.257 7 1.337 1.398	p 1. 2 p 1. 3	
millstdollarsdollarsdo Electrical machinerytdo Machinery, except electricaltdo Machinery and machine-shop productst	1.310 1.191 1.273	1.314 1.195 1.277	1.332 1.199 1.283	1.317 1.203 1.290	1.333 1.212 1.298	1.347 1.210 1.308	1.445 1.264 1.334	1. 472 1. 295 1. 363	1.478 1.308 1.371	1.488 1.314 1.377	1.515 1.325 71.394	1.502 1.332 1.401		
dollars. do Automobilestdo Transportation equipment, except automo- bilest dollars	1.249 1.322 1.394 1.364	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.264 1.326 1.390 1.356	1.267 1.325 1.399 1.367	1.275 1.334 1.396 1.362	1.279 1.334 1.406 1.363	1.307 1.357 1.463 1.376	1. 336 1. 381 1. 485 1. 387	1. 349 1. 366 1. 496 1. 395	1.353 7 1.394 7 1.500 1.406	1.370 7 1.405 7 1.515 1.422	1. 377 1. 408 1. 532 1. 434		
bilestdollars. Aircraft and parts (excluding engines) Aircraft engines*§do. Shipbuilding and boatbuildingdo. Nonferrous metals and productstdo Lumber and timber basic productstdo Sawmills and logging campsdo Furniture and finished lumber productst	1.326 1.373 1.441 1.204 .931	$\begin{array}{c} 1.325\\ 1.357\\ 1.430\\ 1.210\\ .931\\ .901\end{array}$	$\begin{array}{c} 1.321\\ 1.357\\ 1.420\\ 1.217\\ .962\\ .935\end{array}$	1.332 1.344 1.442 1.222 .979 .954	$\begin{array}{c} 1.338\\ 1.344\\ 1.418\\ 1.226\\ .983\\ .965\end{array}$	$1.326 \\ 1.353 \\ 1.426 \\ 1.234 \\ .990 \\ .972$	$\begin{array}{c} 1.328\\ 1.383\\ 1.433\\ 1.260\\ 1.025\\ 1.006\end{array}$	1. 341 1. 428 1. 421 1. 286 1. 053 1. 040	1. 372 1. 435 1. 421 1. 289 1. 033 1. 018	1.381 1.443 1.447 1.294 1.048 1.034	1. 384 7 1. 460 7 1. 459 7 1. 313 1. 054 1. 037	1, 390 1, 461 1, 489 1, 317 1, 055 1, 035		
Furniture and finished functer products odilars. Stone, clay, and glass products	1.024 1.114 1.065	$\begin{array}{c} 1.007\\ 1.034\\ 1.119\\ 1.077\end{array}$	$1.015 \\ 1.046 \\ \bullet 1.125 \\ 1.094$	$\begin{array}{c c} 1.022 \\ 1.049 \\ 1.133 \\ 1.107 \end{array}$	1.031 1.059 1.144 1.119	$\begin{array}{c} 1.032 \\ 1.064 \\ 1.149 \\ 1.122 \end{array}$	$\begin{array}{c} 1.046 \\ 1.074 \\ 1.173 \\ 1.139 \end{array}$	$\begin{array}{c} 1.\ 061\\ 1.\ 085\\ 1.\ 190\\ 1.\ 140 \end{array}$	$\begin{array}{c} 1.058 \\ 1.079 \\ 1.198 \\ 1.150 \end{array}$	1.070 7 1.089 7 1.208 1.158	1.093 * 1.117 * 1.221 1.165	1. 105 1. 130 1. 229 1. 174		
facturest Cotton manufactures, except small warest dollars. Silk and rayon goodstdo	. 955 	. 959 . 900 . 944	. 970 . 914 . 975	. 997 . 927 . 996	1.024 .979 1.012	1.027 .981 1.016	1.025 .970 1.019	1.024 .970 1.017	1.028 .973 1.023	* 1,032 .977 1.043	* 1.048 .985 1.057	1.055 .991 1.062		
Woolen and worsted manufactures (except dyeing and finishing)†dollars. Apparel and other finished textile products† dollars. Men's clothing†do.	. 1.038	1.039 1.006 1.089	1.045 1.037 1.095	1.049 1.097	1.155 1.045 1.106	1.159 .999 1.094	1.158 .988 1.105	1. 160 . 994 1. 104	1. 160 1. 020 1. 098	1.156 7 1.038 1.090	1.169 7 1.046 1.106	1.178 1.051 1.120		
Men's clothingt do. Women's clothingt do. Leather and leather productst do. Boots and shoes do. Food and kindred productst do. Bakingt do. Canning and preservingt do. Slaughtering and meat packing do. Tobacco manufacturest do. Paper and allied productst do. Paper and nulp do.	978 - 1.046 - 1.045 950 - 1.137 924 064		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$. 997	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 1.200\\ 1.029\\ .998\\ 1.097\\ 1.065\\ 1.018\\ 1.204\\ .949\\ 1.121\\ 1.173\end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 1.182\\ 1.053\\ 1.020\\ 1.119\\ 1.067\\ 1.045\\ 1.122\\ .950\\ 1.165\\ 1.231\\ \end{array}$	$\begin{array}{c} 1.241\\ 1.055\\ 1.018\\ 1.121\\ 1.074\\ 1.003\\ 1.282\\ .953\\ 1.190\\ 1.266\end{array}$	1.140	* 1. 286 * 1. 072 1. 035 * 1. 130 * 1. 104 1. 030 1. 276 . 953 * 1. 208 * 1. 281	1.211		
Paper and pulp	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 1.374\\ 1.569\\ 1.295\\ 1.133\\ 1.316\\ 1.362\\ 1.434\\ 1.331\\ 1.513\end{array}$	$\begin{array}{c} 1.381\\ 1.575\\ 1.297\\ 1.143\\ 1.327\\ 1.372\\ 1.372\\ 1.447\\ 1.330\\ 1.511\end{array}$	$\begin{array}{c} 1.\ 415\\ 1.\ 607\\ 1.\ 336\\ 1.\ 165\\ 1.\ 342\\ 1.\ 382\\ 1.\ 451\\ 1.\ 331\\ 1.\ 517\end{array}$	$\begin{array}{c} 1.\ 443\\ 1.\ 626\\ 1.\ 364\\ 1.\ 177\\ 1.\ 351\\ 1.\ 408\\ 1.\ 488\\ 1.\ 330\\ 1.\ 512 \end{array}$	$\begin{array}{c} 1.462\\ 1.651\\ 1.386\\ 1.192\\ 1.359\\ 1.418\\ 1.501\\ 1.397\\ 1.608\end{array}$	$\begin{matrix} 1.486\\ 1.699\\ 1.397\\ 1.210\\ 1.375\\ 1.448\\ 1.520\\ 1.416\\ 1.622 \end{matrix}$	$\begin{array}{c} 1.\ 499\\ 1.\ 719\\ 1.\ 406\\ 1.\ 232\\ 1.\ 390\\ 1.\ 464\\ 1.\ 532\\ 1.\ 419\\ 1.\ 615\\ \end{array}$	$\begin{array}{c} 1. 498 \\ 1. 713 \\ 1. 408 \\ 1. 247 \\ 1. 404 \\ 1. 495 \\ 1. 570 \\ 1. 445 \\ 1. 640 \end{array}$	* 1. 508 * 1. 736 1. 406 1. 252 1. 410 1. 494 1. 567 * 1. 445 * 1. 640	1.532 1.756 1.436 1.263 1.432 1.514 1.591 1.447 1.661	$\begin{array}{c} 1.539\\ 1.765\\ 1.451\\ 1.254\\ 1.432\\ 1.509\\ 1.589\\ 1.436\end{array}$		
Nonmanufacturing industries:* Building constructiondo Mining:		1.569	1. 594	1.598	1.610	1.634	1.656	1.661	1.669	1.689	1.718	P 1. 738		
Anthracitedo Bituminous coaldo Metalliferousdo Quarrying and nonmetalliedo Crude petroleum and natural gas§do	1.582 1.477 1.219 1.045 1.334	$\begin{array}{c} 1.615\\ 1.491\\ 1.232\\ 1.052\\ 1.346\end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$1.637 \\ 1.491 \\ 1.238 \\ 1.062 \\ 1.390$	$1.632 \\ 1.484 \\ 1.241 \\ 1.069 \\ 1.421$	1. 545 1. 483 1. 237 1. 080 1. 444	1.593 1.470 1.278 1.092 1.448	1. 596 1. 489 1. 323 7 1. 121 1. 475	1.575 1.740 1.311 1.129 1.481	1.780 1.787 1.354 1.146 1.486	1.765 1.819 1.370 1.156 1.510	1.169		
Fublic utilities: do Electric light and powerdo street railways and bussesdo Street railways and bussesdo do Telegraph 3do do Telephone 5do do	1.302	$1.337 \\ 1.142 \\ 1.062 \\ 1.132$	$ \begin{array}{c c} 1.313\\ 1.165\\ 1.069\\ 1.132 \end{array} $	$1.352 \\ 1.174 \\ 1.164 \\ 1.141$	1.341 1.184 1.164 1.124	$1.343 \\ 1.190 \\ 1.252 \\ 1.174$	1.358 1.195 1.242 1.189	1. 388 1. 212 1. 236 1. 218	1.374 1.231 1.226 1.211	$1.378 \\ 1.241 \\ 1.228 \\ 1.215$	$ \begin{array}{c} 1.390\\ 1.265\\ 1.234\\ 1.230 \end{array} $	1.392 1.265 1.227		
Services: Dyeing and cleaning \$do Power laundries §do Year-round hotelsdo Trade:	.854	. 867 . 739 . 651	.874 .745 .648	. 861	. 876 . 759 . 642	\$88 . 757 . 642	. 894 . 756 . 643	. 898 . 767 . 650	. 899 . 769 . 652	.892	.911 • .786 • .672	. 919		
Retaildodo	. 917	.919	. 953	. 957	. 960 1. 231	. 974 1. 229	. 985	.996 1.262	1.003 1.257	1.002	1.009	1.015		

Unless otherwise stated, statistics through	1946		1947										
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	October	Novem ber
EMPLOYMENT			CONDITIONS AND WAGES-Continued										
WAGES-Continued													[
Miscellaneous wage data: Construction wage rates (E. N. R.): Common labor Skilled labor Farm wages without board (quarterly)	1.078 1.86	1.085 1.87	1, 109 1, 89 106, 00	1, 123 1, 92	1. 123 1. 92	1.138 1.94 107.00	1. 146 1. 94	1, 189 2, 01	1.217 2.07 114.00	1.221 2.08	1.221 2.10	1.244 2.12	1.26 2.1
dol. per month Railway wages (average, class I)dol. per hr Road-building wages, common labor: United States averagedo	1.146 .86	1.150 .83	1. 146	1. 173 . 81	1. 146 . 84	1.136	1.136 .88	1. 140 . 89	114.00 1.133 .92	1. 137 (⁴)	1.264 (1)	112.00 1.250 1.01	(1)
PUBLIC ASSISTANCE	110	114	116	118	121	122	122	122	123	125	126	r 128	12
Total public assistancemil. of dol Old-age assistance, and aid to dependent children and the blind. totalmil. of dol Old-age assistancedo General reliefdo	99 76 11	102 77 12	103 78 13	104 79 14	107 81 14	108 81 14	108 81 14	109 82 13	110 82 13	112 112 83 13	112 112 84 13	114 85 14	
				FINA	NCE				·	<u> </u>		·	
BANKING													
Agricultural loans outstanding of agencies super- vised by the Farm Credit Administration:			ĺ										
Total	$1,690 \\ 1,099 \\ 954 \\ 145 \\ 189 \\ 401 \\ 77,193 \\ 31,088 \\ 46,105 \\ 1,0$	$1,661 \\ 1,085 \\ 944 \\ 140 \\ 188 \\ 389 \\ 93,547 \\ 41,252 \\ 52,295 \\$	$1,662 \\ 1,068 \\ 932 \\ 135 \\ 195 \\ 399 \\ 83,445 \\ 34,305 \\ 49,140 \\$	$1,670 \\ 1,060 \\ 928 \\ 133 \\ 194 \\ 416 \\ 72,944 \\ 29,745 \\ 43,199 \\$	$1,654 \\ 1,048 \\ 919 \\ 129 \\ 182 \\ 444 \\ 83,502 \\ 33,547 \\ 49,955 \\$	$1,671 \\ 1,040 \\ 913 \\ 126 \\ 158 \\ 473 \\ 78,295 \\ 31,391 \\ 46,904$	$\begin{array}{c} 1, 683 \\ 1, C34 \\ 910 \\ 124 \\ 152 \\ 497 \\ 78, 359 \\ 30, 895 \\ 47, 464 \end{array}$	$1,706 \\ 1,033 \\ 910 \\ 123 \\ 159 \\ 514 \\ 84,897 \\ 35,632 \\ 49,265$	1, 731 1, 028 907 121 180 523 83, 957 34, 779 49, 178	$\begin{array}{c} 1,746\\ 1,018\\ 900\\ 118\\ 205\\ 522\\ 75,048\\ 28,331\\ 46,717\end{array}$	$1,746 \\ 1,007 \\ 891 \\ 115 \\ 240 \\ 500 \\ 81,799 \\ 31,837 \\ 49,962$	1, 739 993 882 111 284 462 r 94, 058 37, 504 r 56, 554	1, 71 98 87 10 28 44 82, 74 31, 73 51, 00
Outside New York Citydo Federal Reserve banks, condition, end of month: Assets, totalmil. of dol Reserve bank credit outstanding, totaldo Bills discounteddo United States securitiesdo Gold certificate reservesdo	45, 647 24, 791 316 23, 944 18, 310	$\begin{array}{r} 45,006\\ 24,093\\ 163\\ 23,350\\ 18,381 \end{array}$	$\begin{array}{r} 45,957\\24,754\\308\\23,941\\18,627\end{array}$	46, 547 24, 846 356 24, 117 19, 113	$\substack{44, 931\\23, 431\\538\\22, 593\\19, 222}$	44, 236 22, 205 125 21, 857 19, 537	44, 882 22, 738 179 22, 088 19, 689	$\begin{array}{r} 44,425\\22,170\\70\\21,872\\20,039\end{array}$	44, 626 21, 875 137 21, 549 20, 296	45, 615 22, 759 185 22, 192 20, 534	$\begin{array}{r} 46,153\\22,730\\92\\22,329\\20,723\end{array}$	46, 583 22, 906 296 22, 168 21, 044	$\begin{array}{c} 47, 20 \\ 22, 97 \\ 33 \\ 22, 20 \\ 21, 36 \end{array}$
Liabilities, total	45, 647 18, 083 16, 513 1, 063 24, 799 42. 7	45, 006 17, 353 16, 139 562 24, 945 43. 5	$\begin{array}{c} 45,957\\ 18,928\\ 16,063\\ 663\\ 24,387\\ 43.0 \end{array}$	46, 547 19, 489 15, 895 847 24, 320 43. 6	44, 931 18, 249 15, 264 344 24, 162 45, 3	44, 236 17, 470 15, 826 654 24, 022 47, 1	44, 882 18, 009 16, 238 991 24, 120 46, 7	$\begin{array}{r} 44,425\\17,748\\16,112\\738\\24,154\\47.8\end{array}$	44, 626 17, 869 16, 007 399 24, 090 48, 4	45, 615 18, 695 16, 601 823 24, 345 47, 7	46, 153 18, 718 16, 784 841 24, 482 48, 0	46, 583 19, 240 16, 956 * 864 24, 481 48. 1	47, 20 19, 43 16, 97 \$\$ 24, 65 48.
Deposits: Demand, adjustedmil. of dol Demand, except interbank: Individuals, partnerships, and corporations	46, 751	46, 582	46, 552	45, 124	44, 482	46, 150	46, 314	46, 626	47, 145	46, 954	47, 056	47, 771	48, 24
mil. of dol States and political subdivisionsdo United States Governmentdo Time, except interbank, totaldo Individuals, partnerships, and corporations	46, 978 2, 796 3, 762 13, 902	47, 252 2, 907 1, 917 14, 063	46, 106 2, 948 1, 819 14, 096	45, 199 2, 937 2, 135 14, 226	44, 210 3, 075 1, 817 14, 303	45, 798 3, 350 1, 476 14, 349	45, 807 3, 268 1, 119 14, 411	46, 443 3, 191 596 14, 460	$\begin{array}{r} 46,816\\ 3,109\\ 648\\ 14,470 \end{array}$	46, 884 3, 124 940 14, 520	$\begin{array}{r} 47,330\\ 3,076\\ 1,561\\ 14,561 \end{array}$	47, 988 3, 027 969 14, 584	48, 37 3, 14 74 14, 47
States and political subdivisionsdo Interbankdo U. S. Government obligations, direct and	13, 585 240 10, 970 46, 996	13, 719 259 11, 269 45, 037	13,77523710,70544,601	$13,887 \\ 254 \\ 10,546 \\ 43,550$	$13,936 \\ 285 \\ 10,636 \\ 42,959$	13, 955 312 10, 351 43, 574	$14,005 \\ 324 \\ 10,126 \\ 43,224$	14, 055 328 10, 581 43, 094	14, 061 329 10, 320 42, 971	14, 104 334 10, 833 42, 587	$14, 151 \\ 328 \\ 11, 178 \\ 42, 740$	$ \begin{array}{r} 14,175 \\ 327 \\ 11,117 \\ 42,462 \\ \end{array} $	$ \begin{array}{c} 14,06\\32\\11,12\\41,79\end{array} $
guaranteed, totalmil. of dol Billsdo Certificatesdo Bonds (incl. guaranteed obligations)do Notesdo Other securitiesdo Loans, totaldo Commercial, industrial, and agricultural. do To brokers and dealers in securities	$\begin{array}{r} 43,069\\795\\6,742\\30,574\\4,958\\3,927\\19,246\\11,234\\1,442\end{array}$	$\begin{array}{c} 41,053\\962\\6,299\\30,374\\3,418\\3,984\\19,417\\11,346\\1,471\end{array}$	$\begin{array}{r} 40, 642\\ 438\\ 6, 345\\ 30, 398\\ 3, 461\\ 3, 959\\ 19, 566\\ 11, 599\\ 1, 235\end{array}$	$\begin{array}{c} 39, 619 \\ 424 \\ 5, 382 \\ 30, 354 \\ 3, 459 \\ 3, 931 \\ 19, 759 \\ 11, 820 \\ 1, 191 \end{array}$	$\begin{array}{r} 38,850\\ 692\\ 5,036\\ 30,307\\ 2,815\\ 4,109\\ 20,020\\ 12,271\\ 874 \end{array}$	$\begin{array}{c} 39,465\\753\\5,402\\30,472\\2,838\\4,109\\19,864\\12,043\\833\end{array}$	$\begin{array}{r} 39,220\\ 827\\ 5,135\\ 30,556\\ 2,702\\ 4,004\\ 20,015\\ 11,792\\ 1,169\end{array}$	38,990 989 4,648 30,701 2,652 4,104 20,277 11,809 • 1,266	$\begin{array}{r} 38,739\\ 638\\ 4,535\\ 30,935\\ 2,631\\ 4,232\\ 20,508\\ 11,967\\ 1,095 \end{array}$	$\begin{array}{r} 38,354\\ 582\\ 4,138\\ 31,015\\ 2,619\\ 4,233\\ 21,212\\ 12,518\\ 1,166\end{array}$	$\begin{array}{r} 38,400\\ 519\\ 4,025\\ 31,224\\ 2,632\\ 4,340\\ 22,056\\ 13,116\\ 1,234\end{array}$	7 38, 192 769 4, 032 30, 973 2, 418 4, 270 22, 572 13, 817 970	$\begin{array}{c} 37,56\\ 943\\ 3,29\\ 30,47\\ 2,84\\ 4,23\\ 23,22\\ 14,35\\ 91\end{array}$
Other loans for purchasing or carrying securities mil. of dol Real estate loansdo Loans to banksdo Other loansdo Money and interest rates: Bank rates to customers:	1, 389 2, 400 152 2, 629	1, 256 2, 490 72 2, 782	1, 139 2, 563 215 2, 815	1, 112 2, 631 170 2, 835	$1,063 \\ 2,739 \\ 179 \\ 2,894$	J, 051 2, 831 184 2, 922	1, C09 2, 897 191 2, 957	986 2, 981 158 3, 077	$1,023 \\ 3,079 \\ 235 \\ 3,109$	975 3, 171 215 3, 167	975 3, 244 246 3, 241	976 3, 316 187 3, 306	94 3, 38 23 3, 38
New York City	1.00 4.00 1.50	$ \begin{array}{c} 1.85\\ 2.43\\ 2.76\\ 1.00\\ 4.00\\ 1.50 \end{array} $	1.00 4.00 1.50	1.00 4.00 1.50	1.82 2.37 2.80 1.00 4.00 1.52	$ \begin{array}{r} 1.00 \\ 4.00 \\ 1.52 \end{array} $	$ \begin{array}{r} 1.00 \\ 4.00 \\ 1.52 \end{array} $	$\begin{array}{c} 1.83\\ 2.44\\ 2.95\\ 1.00\\ 4.00\\ 1.52 \end{array}$	$ \begin{array}{r} 1.00 \\ 4.00 \\ 1.52 \end{array} $	$ \begin{array}{r} 1.00 \\ 4.00 \\ 1.52 \end{array} $	$\begin{array}{c} 1.77\\ 2.25\\ 2.69\\ 1.00\\ 4.00\\ 1.53\end{array}$	$ \begin{array}{r} 1.00 \\ 4.00 \\ 1.53 \end{array} $	1. 0 4. 0 1. 5
Acceptances, prime, bankers', 90 days percent Commercial paper, prime, 4-6 monthsdo Time loans, 90 days (N. Y. S. E.)do Call loans, renewal (N. Y. S. E.)do	. 81 . 94 1. 50 1. 38	.81 1.00 1.50 1.38	. 81 1. 00 1. 50 1. 38	. 81 1. 00 1. 50 1. 38	.81 1.00 1.50 1.38	. 81 1,00 1,50 1,38	. 81 1. 00 1. 50 1. 38	. 81 1. 00 1. 50 1. 38	$.81 \\ 1.00 \\ 1.50 \\ 1.38$.88 1.00 1.50 1.38	.94 1.06 1.50 1.38	$\begin{array}{r}.94\\1.06\\1.50\\1.38\end{array}$. 94 1. 06 1. 50 1. 38

Revised. » Preliminary. ¶ For bond yields see p. S-19. 1 To be reported quarterly after July 1947; the figure for October is an average for the week nearest the 15th of the month.
§ Rate as of January 1, 1948: Construction—Common labor, \$1.264; skilled labor, \$2.12.
The total and total short-term credit and loans to cooperatives has been discontinued in the Survey; see September 1947 Survey for loans included in these totals.
of the detail for short-term credit and loans to cooperatives has been discontinued in the Survey; see September 1947 Survey for loans included in these totals.
of Revised series. Bank debits were revised in the September 1943 Survey to include additional banks; see p. S-15 of that issue for revised figures for May-December 1942. The series for weekly reporting banks have been shown on a revised basis beginning in the August 1947 Survey; see note in that issue.

January 19)48
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Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey BANKING—Continued Open market rates—Continued Open market rates—Continued Average yield on U. S. Govt. securities: 3-month bils -3-5 year taxable issuest	Novem- ber . 376 1. 28 9, 013 3, 260	Decem- ber . 375 1. 30		Febru- ary NCE—	March Contin	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber
Money and interest rates—Continued Open market rates, New York City—Continued Average yield on U. S. Govt. securities: 3-month bills percent 3-5 year taxable issuest do Savings deposits, balance to credit of depositors: New York State savings banksill, of dol.	1.28 9,013			NCE—	-Contin	nued		1	1	!	, , , , , , ,.		·
Money and interest rates—Continued Open market rates, New York City—Continued Average yield on U. S. Govt. securities: 3-month bills percent 3-5 year taxable issuest do Savings deposits, balance to credit of depositors: New York State savings banksill, of dol.	1.28 9,013		070										
Open market rates, New York City—Continued Average yield on U. S. Govt. securities: 3-month billspercent	1.28 9,013		052										
U. S. Postal Savings		9, 170	. 376 1. 26 9, 232	. 376 1. 26 9, 278	. 376 1. 24 9, 340	. 376 1. 24 9, 377	. 376 1. 27 9, 427	. 376 1. 29 9, 535	. 703 1. 33 9, 556	. 748 1. 31 9, 580	. 804 1. 28 9, 630	. 857 1. 35 9, 655	. 932 1. 47 9. 681
		3, 284	3, 331	3, 355	3, 379	3, 382	3, 387	3, 393	3, 398	3, 396	* 3, 407	₽ 3, 413	₽ 3, 414
CONSUMER SHORT-TERM CREDIT*													
Total consumer short-term debt, end of month mil. of dol Installment debt, totaldo Sale debt, total*do Automobile dealers*do Department stores and mail-order houses*	9, 542 3, 646 1, 358 505	10, 166 3, 976 1, 558 544	10, 024 4, 048 1, 566 581	10, 019 4, 156 1, 608 631	10, 379 4, 329 1, 695 691	10, 631 4, 536 1, 813 753	10, 934 4, 739 1, 922 816	$11,230 \\ 4,919 \\ 2,036 \\ 880$	11, 302 5, 045 2, 092 922	11, 431 5, 178 2, 167 965	r 11, 677 r 5, 286 2, 257 1, 004	* 12, 052 * 5, 453 * 2, 370 * 1, 047	P 12, 668 P 5, 724 P 2, 651 P 1, 099
mil. of dol. Furniture stores* do. Household appliance stores* do. Jewelry stores* do. All other* do. Cash loan debt, total* do. Credit unions. do. Credit unions. do. Industrial loan companies* do. Small loan companies. do. Industrial non companies. do. Industrial loan companies. do. Small loan companies. do.	$\begin{array}{c} 284\\ 337\\ 26\\ 72\\ 134\\ 2,288\\ 907\\ 176\\ 112\\ 94\\ 565\\ \end{array}$	$\begin{array}{c} 337\\ 366\\ 28\\ 123\\ 160\\ 2,418\\ 956\\ 185\\ 117\\ 98\\ 608\\ 0.11$	$\begin{array}{c} 337\\ 352\\ 27\\ 114\\ 155\\ 2,482\\ 1,991\\ 186\\ 122\\ 102\\ 611\\ \end{array}$	338 349 27 107 154 2,548 1,030 125 105 611	$\begin{array}{c} 358\\ 354\\ 29\\ 105\\ 158\\ 2,634\\ 1,079\\ 197\\ 128\\ 108\\ 617\\ \end{array}$	386 366 32 109 167 2,724 1,123 204 133 113 627	409 382 32 114 175 2,811 1,167 213 138 116 633	423 395 37 119 182 2,883 1,196 224 143 119 638	429 398 39 120 184 2,953 1,221 233 148 121 649	$\begin{array}{c} 440\\ 408\\ 41\\ 124\\ 189\\ 3,011\\ 1,248\\ 240\\ 152\\ 124\\ 652\\ \end{array}$	462 423 128 197 7 3,029 1,255 245 154 125 643	r 495 443 46 r 131 r 208 r 3,083 r 1,281 250 r 157 127 647	<pre>p 560 p 474 p 49 p 149 p 230 p 3, 163 p 1, 307 p 257 p 163 p 130 p 670</pre>
mil. of dol. Miscellaneous lenders*do Charge account sale debt*do. Single payment loans*do. Service credit*do Consumer installment loans made by principal lending institutions:	328 106 2, 859 2, 166 871	344 110 3, 054 2, 262 874	360 110 2, 764 2, 337 875	377 110 2, 602 2, 383 878	394 111 2, 768 2, 403 879	412 112 2, 782 2, 423 890	431 113 2, 835 2, 460 900	450 113 2, 887 2, 508 916	467 114 2, 786 2, 548 923	481 114 2, 755 2, 578 920	r 493 114 2, 864 2, 606 r 921	7 507 114 7 3, 035 2, 646 7 918	<i>p</i> 520 <i>p</i> 116 <i>p</i> 3, 310 <i>p</i> 2, 718 <i>p</i> 916
Commercial banks*do Credit unionsdo Industrial banks*do Industrial loan companies*dodo	172 33 22 20 122	191 39 26 25 166	187 33 22 20 98	180 33 21 20 90	214 38 24 23 121	213 39 24 24 116	212 42 24 24 115	211 43 26 24 117	217 44 29 23 123	204 42 25 22 113	206 41 27 24 107	218 7 45 7 28 23 121	p 220 p 44 p 27 p 25 p 141
FEDERAL GOVERNMENT FINANCE													
Budget receipts and expenditures; mil. of dol. Expenditures, total. mil. of dol. Interest on public debt. do. Veterans A dministration. do. National defense and related activities. do. All other expenditures. do. Receipts, total. do. Receipts, net. do. Customs. do. Income taxes. do. Miscellaneous internal revenue. do. All other receipts. do.	$\begin{array}{c} \textbf{2,529}\\ \textbf{105}\\ \textbf{515}\\ \textbf{1,436}\\ \textbf{501}\\ \textbf{2,639}\\ \textbf{2,364}\\ \textbf{45}\\ \textbf{1,444}\\ \textbf{290}\\ \textbf{669}\\ \textbf{192} \end{array}$	$\begin{array}{c} \textbf{3, 662}\\ \textbf{952}\\ 580\\ \textbf{1, 580}\\ 506\\ \textbf{4, 113}\\ \textbf{4, 107}\\ \textbf{43}\\ \textbf{2, 886}\\ \textbf{722}\\ 377 \end{array}$	$\begin{array}{c} \textbf{3, 113} \\ \textbf{343} \\ \textbf{576} \\ \textbf{1, 412} \\ \textbf{674} \\ \textbf{3, 860} \\ \textbf{3, 820} \\ \textbf{47} \\ \textbf{2, 664} \\ \textbf{693} \\ \textbf{398} \end{array}$	$\begin{array}{c} \textbf{3,914}\\ \textbf{124}\\ \textbf{561}\\ \textbf{1,457}\\ \textbf{4,643}\\ \textbf{4,643}\\ \textbf{4,643}\\ \textbf{4,378}\\ \textbf{3,66}\\ \textbf{3,222}\\ \textbf{387}\\ \textbf{666}\\ \textbf{3333} \end{array}$	$\begin{array}{c} \textbf{3, 598} \\ \textbf{626} \\ \textbf{566} \\ \textbf{1, 428} \\ \textbf{872} \\ \textbf{5, 701} \\ \textbf{39} \\ \textbf{4, 650} \\ \textbf{114} \\ \textbf{682} \\ \textbf{239} \end{array}$	$\begin{array}{r} \textbf{r} \ \textbf{4,001} \\ 141 \\ \textbf{r} \ 556 \\ 1,728 \\ 1,427 \\ 2,624 \\ 2,556 \\ 41 \\ 1,597 \\ 75 \\ 638 \\ 274 \end{array}$	3,851 92 1,012 1,327 2,035 3,204 2,865 37 1,619 364 595 589	$\begin{array}{c} \textbf{5,540}\\ \textbf{1,396}\\ \textbf{601}\\ \textbf{1,493}\\ \textbf{1,080}\\ \textbf{5,473}\\ \textbf{35}\\ \textbf{3,270}\\ \textbf{121}\\ \textbf{602}\\ \textbf{1,452} \end{array}$	3,669 245 564 979 1,881 -2,469 2,397 37 1,382 80 663 306	$\begin{array}{c} 3,060\\ 103\\ 511\\ 908\\ 1,538\\ 2,865\\ 2,536\\ 31\\ 1,668\\ 362\\ 643\\ 171\\ \end{array}$	$\begin{array}{c} 2,932\\ 668\\ 494\\ 1,006\\ 764\\ 4,884\\ 4,872\\ 34\\ 3,435\\ 133\\ 699\\ 584\end{array}$	$\begin{array}{c} 2,445\\157\\481\\r1,151\\r656\\2,455\\2,390\\42\\1,345\\70\\782\\216\end{array}$	$\begin{array}{c} 2, 194 \\ 127 \\ 526 \\ 936 \\ 605 \\ 3, 053 \\ 2, 743 \\ 32 \\ 1, 666 \\ 329 \\ 695 \\ 330 \end{array}$
Public debt, total	236, 671	259, 148 257, 649 233, 064 24, 585 1, 500 331	259, 776 258, 378 233, 601 24, 777 1, 399 262	261, 418 258, 113 233, 176 24, 938 3, 305 181	259, 124 255, 800 230, 618 25, 183 3, 324 175	257, 701 254, 427 229, 147 25, 280 3, 274 171	258, 343 254, 975 228, 789 26, 186 3, 368 171	258, 286 255, 113 227, 747 27, 366 3, 173 83	259, 448 256, 321 227, 805 28, 516 3, 327 74	260, 097 257, 110 227, 890 29, 220 2, 987	259, 145 256, 107 226, 587 29, 520 2, 926	259, 071 256, 276 226, 822 29, 447 2, 801 78	258, 212 255, 591 226, 074 29, 517 2, 621
U. S. savings bonds: Amount outstanding do Sales, series E, F, and G do Redemptions Government corporations and credit agencies: Assets, except interagency, totali int of dol	49, 723 453 418	49, 864 576 504 30, 409	50, 407 952 483	50, 772 712 398	50, 995 617 449	51, 163 572 455	51, 282 488 421	51, 407 482 433 29, 666	51, 589 559 457	73 51, 699 460 404	70 51, 759 466 432	51, 928 488 404	83 52, 039 412 357
Loans receivable, total (less reserves)do To aid agriculturedo To aid home ownersdo To aid railroadsdo To aid other industriesdo To aid hanks do.		6, 649 2, 884 686 171 192 19			32, 338 7, 294 3, 055 665 167 204 17			7, 662 2, 054 660 164 224 6					
To aid other financial institutions do Foreign loans do All other do Commodities, supplies, and materials do U. S. Government securities do Other securities do Land, structures, and equipment do		$\begin{array}{r} 295\\ 2,284\\ 596\\ 1,265\\ 1,873\\ 547\\ 16,924\end{array}$			1,003 1,985 3,426 15,486			293 4,058 597 851 1,777 3,565 12,691					
All other assets. do Liabilities, except interagency, totaldo. Bonds, notes, and debentures: Guaranteed by the United Statesdo Other do Other do Privately owned interestsdo		3, 152 5, 101 261 1, 252 3, 588 498			3, 143 4, 560 169 1, 250 3, 142 509	·····		3, 120 2, 634 83 506					

Revised. * Preliminary.
 This series has been substituted beginning December 1945 for the series formerly designated "taxable treasury notes"; see note on item in September 1947 Survey for earlier data.
 *New series. See note marked "**" on p. S-16 of the September 1947 Survey with regard to revisions in data for certain consumer credit series as published prior to the July 1947 issue and note in the April 1946 Survey indicating earlier revisions; all revisions will be published later. See note in the February 1947 Survey for information on the series for U. S. savings bonds and reference to the earliest data published.
 Total Federal expenditures has been revised to include net expenditures (excluding debt retirement) of wholly-owned Government corporations, shown separately prior to the October 1947 Survey, and several changes have been made in the detail. Data for "national defense and related activities" (formerly designated "war and defense activities") exclude beenfining July 1947 certain miscellaneous items included in carlier data (see note 5 on p. S-17 of September 1947 Survey). Data for Veterans Administration include veterans' pensions and beenefts to trust accounts. Data for social security taxes have been revised to exclude railroad unemployment insurance contributions which are not classified as internal revenue. See notes in Ma y 1946, October 1946 and February 1947 issues of the Survey for explanation of changes in data for assets and liabilities of Government corporations and credit agencies and note in November 1946 issue for explanation of revised classifications for the Reconstruction Finance Corporation.

Unless otherwise stated, statistics through	19	946	1947										
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	October	Novem- ber
			FINA	NCE-	-Conti	nued						<u> </u>	
FEDERAL GOVT. FINANCE-Continued			-										
Reconstruction Finance Corporation, loans out- standing, end of month, total,,mil. of dol Banks and trust cos., incl. receiversdo Other financial institutionsdo Other financial institutionsdo Data so business enterprises, except to aid in national defense	1, 279 203 49 147 165 320 396	1, 287 201 50 147 168 327 395	$1,270 \\ 188 \\ 54 \\ 146 \\ 172 \\ 318 \\ 391$	1, 268 186 60 146 174 312 390	1, 298 182 68 144 178 310 415	1, 290 179 80 144 183 292 412	1, 250 177 97 144 186 232 413	$1, 271 \\ 159 \\ 40 \\ 144 \\ 203 \\ 283 \\ 441 \\$	1, 150 157 40 144 207 283 318	$1, 154 \\ 153 \\ 40 \\ 143 \\ 214 \\ 282 \\ 320 \\$	1, 151 152 40 142 218 280 318	$1,154 \\ 151 \\ 40 \\ 142 \\ 226 \\ 283 \\ 312 \\$	1, 152 149 40 142 228 280 312
Life Insurance Association of America:													
Assets, admitted, 36 companies, total‡.mil. of dol. Mortgage loans, total do. Farm do. Other do. Policy loans and premium notes. do. Bonds and stocks held (book value), total. do. Outor (additional) do. Bonds and stocks held (book value), total. do. Publicy loans and premium notes. do. Bonds and stocks held (book value), total. do. Public utility. do. Public utility. do. Other do. Other admitted assets. do. Other admitted assets. do. Group. do. Industrial. do. Ordinary. do. Other admitted assets. do. Group. do. Ordinary. do. Ordinary. do. Other admitted assets. do. Ordinary. do. Ordinary. do. Ordinary. do. Outre admitted assets. do. Ordinary. do. Ord	$\begin{array}{c} 38, 459\\ 5, 365\\ 5, 592\\ 4, 773\\ 590\\ 1, 472\\ 29, 678\\ 19, 558\\ 19, 558\\ 19, 558\\ 19, 558\\ 19, 558\\ 19, 558\\ 19, 558\\ 19, 558\\ 19, 558\\ 19, 559\\ 229, 678\\ 39, 259\\ 513\\ 773\\ 348, 274\\ 39, 224\\ 572\\ 61, 902\\ 224, 576\\ 19, 902\\ 224, 576\\ 19, 902\\ 224, 576\\ 19, 902\\ 224, 576\\ 19, 902\\ 224, 576\\ 19, 902\\ 224, 576\\ 19, 902\\ 224, 576\\ 19, 902$	$\begin{array}{c} 38,813\\5,533\\4,844\\584\\1,654\\1,471\\30,043\\19,574\\19,574\\19,574\\4,531\\2,490\\3,448\\473\\805\\491,797\\94,380\\32,320\\92,701\\272,396\end{array}$	$\begin{array}{c} 39, 032\\ 39, 032\\ 5, 582\\ 4, 888\\ 601\\ 1, 470\\ 30, 177\\ 19, 542\\ 19, 542\\ 4, 551\\ 2, 498\\ 3, 586\\ 532\\ 772\\ 414, 523\\ 73, 068\\ 37, 833\\ 69, 466\\ 234, 156\end{array}$	$\begin{array}{c} 39, 206 \\ 5, 542 \\ 595 \\ 4, 947 \\ 601 \\ 1, 469 \\ 30, 329 \\ 90, 571 \\ 18, 198 \\ 4, 567 \\ 2, 497 \\ 3, 694 \\ 470 \\ 705 \\ 333, 857 \\ 47, 977 \\ 25, 975 \\ 68, 491 \\ 241, 414 \end{array}$	$\begin{array}{c} 39, 450\\ 5, 601\\ 5, 693\\ 5, 058$	$\begin{array}{c} 33,606\\ 5,661\\ 6005\\ 5,056\\ 6005\\ 1,473\\ 30,431\\ 19,296\\ 17,904\\ 4,691\\ 2,489\\ 3,955\\ 649\\ 787\\ 351,978\\ 41,184\\ 30,216\\ 63,629\\ 216,949\\ \end{array}$	$\begin{array}{c} 39,776\\ 5,760\\ 6,615\\ 5,135\\ 6,14\\ 1,477\\ 30,579\\ 19,274\\ 17,888\\ 4,751\\ 2,491\\ 4,063\\ 568\\ 788\\ 381,212\\ 39,258\\ 27,162\\ 27,162\\ 249,298\\ 4 \end{array}$	$\begin{array}{c} 40,057\\ 5,837\\ 624\\ 5,213\\ 622\\ 1,481\\ 30,740\\ 19,093\\ 17,704\\ 4,965\\ 2,522\\ 4,160\\ 588\\ 789\\ 400,697\\ 46,305\\ 24,301\\ 74,416\\ 255,675\\ \end{array}$	$\begin{array}{c} 40,287\\5,953\\6322\\5,321\\631\\1,485\\30,936\\17,603\\5,111\\2,512\\4,327\\525\\757\\385,075\\63,021\\32,100\\65,185\\224,709\end{array}$	$\begin{array}{c} 40, 446\\ 6, 041\\ 6, 639\\ 5, 402\\ 639\\ 1, 490\\ 30, 940\\ 18, 864\\ 17, 478\\ 5, 169\\ 2, 500\\ 4, 407\\ 546\\ 790\\ 354, 410\\ 41, 310\\ 47, 147\\ 62, 122\\ 223, 831\\ \end{array}$	$\begin{array}{c} 40, 693\\ 6, 131\\ 641\\ 5, 490\\ 641\\ 1, 494\\ 30, 893\\ 18, 640\\ 17, 255\\ 5, 303\\ 2, 504\\ 4, 446\\ 74, 446\\ 831\\ 390, 183\\ 390, 183\\ 47, 410\\ 27, 720\\ 75, 045\\ 240, 008\\ \end{array}$	$\begin{array}{c} 40,903\\ 6,242\\ 6,45\\ 5,597\\ 6,58\\ 1,498\\ 31,093\\ 18,623\\ 17,241\\ 5,446\\ 2,499\\ 4,525\\ 582\\ 830\\ 374,084\\ 48,640\\ 30,961\\ 64,059\\ 230,424\\ \end{array}$	41,069 6,340 649 .5,691 965 1,500 31,209 18,451 17,059 5,609 2,499 4,650 543 812
Insurance written (new paid-for-insurance): Value, total	$1, 648 \\ 162 \\ 343 \\ 1, 143 \\ 1, 143 \\ 253 \\ 109 \\ 126 \\ 44 \\ 89 \\ 38 \\ 124$	$\begin{array}{c} 1,963\\ 476\\ 290\\ 1,197\\ 77\\ 274\\ 263\\ 121\\ 133\\ 46\\ 96\\ 44\\ 142\end{array}$	$\begin{array}{c} 1,742\\ 184\\ 329\\ 1,229\\ 94\\ 326\\ 278\\ 117\\ 121\\ 42\\ 88\\ 36\\ 326\\ 126\\ \end{array}$	$\begin{array}{c} 1,718\\ 182\\ 350\\ 1,187\\ 88\\ 301\\ 264\\ 114\\ 126\\ 44\\ 88\\ 38\\ 125\\ \end{array}$	$\begin{array}{c} 1,846\\ 181\\ 382\\ 1,283\\ 88\\ 314\\ 280\\ 124\\ 137\\ 50\\ 103\\ 42\\ 146\\ \end{array}$	$\begin{array}{c} 1,796\\ 167\\ 360\\ 90\\ 313\\ 275\\ 125\\ 139\\ 48\\ 100\\ 42\\ 138\end{array}$	$\begin{array}{c} 1,829\\227\\373\\1,230\\84\\302\\267\\120\\132\\48\\97\\42\\139\end{array}$	$\begin{array}{c} 1,830\\ 291\\ 350\\ 1,189\\ 79\\ 285\\ 259\\ 119\\ 132\\ 47\\ 96\\ 40\\ 132\end{array}$	$\begin{array}{c} 1,857\\328\\318\\1,211\\78\\294\\267\\120\\132\\46\\102\\40\\132\end{array}$	$\begin{array}{c} 1, 616\\ 186\\ 326\\ 1, 104\\ 73\\ 267\\ 241\\ 110\\ 122\\ 45\\ 93\\ 38\\ 125\\ \end{array}$	$\begin{array}{c} 1,583\\ 212\\ 324\\ 1,048\\ 68\\ 231\\ 231\\ 107\\ 124\\ 43\\ 93\\ 36\\ 114 \end{array}$	$\begin{array}{c} 1,857\\201\\366\\1,290\\90\\321\\290\\127\\140\\48\\95\\42\\138\end{array}$	$\begin{array}{c} 1,797\\ 203\\ 336\\ 1,258\\ 85\\ 323\\ 284\\ 124\\ 134\\ 47\\ 93\\ 39\\ 129\\ \end{array}$
Payments to policyholders and beneficiaries, totalthous. of dol. Death claim paymentsdo. Matured endowmentsdo. Disability paymentsdo. Annuity paymentsdo. Dividendsdo. Surrender values, premium notes, etcdo	213, 743 99, 258 31, 022 6, 999 16, 466 35, 226 24, 772	258, 173 108, 249 32, 312 7, 888 15, 550 63, 581 30, 593	266, 447 116, 105 39, 995 8, 747 22, 581 50, 818 28, 201	238, 744 107, 841 36, 123 7, 393 17, 911 41, 377 28, 099	266, 482 120, 772 38, 298 7, 907 17, 213 51, 324 30, 968	250, 576 112, 363 38, 468 7, 583 18, 482 41, 898 31, 782	245, 999 111, 679 34, 595 7, 693 18, 315 41, 269 32, 448	251, 165 108, 444 34, 270 7, 753 18, 868 49, 237 32, 593	247, 203 115, 958 30, 997 8, 509 19, 098 40, 119 32, 522	218, 389 101, 415 28, 367 6, 358 17, 574 35, 218 29, 457	236, 414 108, 179 30, 167 7, 269 17, 795 42, 364 30, 640	$247, 149 \\112, 523 \\36, 261 \\7, 609 \\18, 024 \\38, 527 \\34, 205$	
MONETARY STATISTICS													
Foreign exchange rates: Argentina	$\begin{array}{c} .2977\\ .2280\\ .0541\\ .9518\\ .5706\\ .0084\\ .3015\\ .2058\\ .3779\\ .2782\\ 4.0309\end{array}$	$\begin{array}{r} . 2977 \\ . 0228 \\ . 0541 \\ . 9544 \\ . 5714 \\ . 0084 \\ . 3015 \\ . 2058 \\ . 3779 \\ . 2782 \\ 4 \\ . 0294 \end{array}$	$\begin{array}{c} . 2977 \\ . 0228 \\ . 0544 \\ . 9508 \\ . 5714 \\ . 0084 \\ . 3016 \\ . 2058 \\ . 3779 \\ . 2782 \\ 4. 0293 \end{array}$	$\begin{array}{c} .\ 2977\\ .\ 0228\\ .\ 0544\\ .\ 9569\\ .\ 5704\\ .\ 0084\\ .\ 3015\\ .\ 2057\\ .\ 3779\\ .\ 2782\\ 4.\ 0274 \end{array}$	$\begin{array}{r} .\ 2977\\ .\ 0228\\ .\ 0544\\ .\ 9422\\ .\ 5698\\ .\ 0084\\ .\ 3015\\ .\ 2057\\ .\ 3779\\ .\ 2782\\ 4.\ 0273\end{array}$	$\begin{array}{c} . 2977 \\ . 0228 \\ . 0544 \\ . 9190 \\ . 5698 \\ . 0084 \\ . 3016 \\ . 2058 \\ . 3776 \\ . 2782 \\ 4. 0274 \end{array}$	$\begin{array}{r} . 2977\\ . 0228\\ . 0544\\ . 9195\\ . 5698\\ . 0084\\ . 3016\\ . 2058\\ . 3776\\ . 2782\\ 4. 0274 \end{array}$	$\begin{array}{c} . 2977\\ . 0228\\ . 0544\\ . 9159\\ . 5698\\ . 0084\\ . 3016\\ . 2058\\ . 3775\\ . 2783\\ 4. 0272 \end{array}$	$\begin{array}{c} .\ 2977\\ .\ 0228\\ .\ 0544\\ .\ 9165\\ .\ 5698\\ .\ 0084\\ .\ 3017\\ .\ 2058\\ .\ 3776\\ .\ 2783\\ 4.\ 0271 \end{array}$	$\begin{array}{r} .2977\\ .0228\\ .0544\\ .9200\\ .5698\\ .0084\\ .3017\\ .2058\\ .3775\\ .2783\\ 4.0273\end{array}$	$\begin{array}{c} . 2977\\ . 0228\\ . 0544\\ . 9036\\ . 5698\\ . 0084\\ . 3017\\ . 2058\\ . 3775\\ . 2782\\ 4. 0300 \end{array}$	$\begin{array}{r} .\ 2977\\ .\ 0228\\ .\ 0544\\ .\ 8999\\ .\ 5698\\ .\ 0084\\ .\ 3017\\ .\ 2058\\ .\ 3776\\ .\ 2782\\ 4,\ 0310\end{array}$	$\begin{array}{r} .\ 2977\\ .\ 0228\\ .\ 0544\\ .\ 8959\\ .\ 5698\\ .\ 0084\\ .\ 3018\\ .\ 2058\\ .\ 3777\\ .\ 2783\\ 4.\ 0305 \end{array}$
Gold: Monetary stock, U. Smil. of dol Net release from earmark•thous. of dol. Gold exports¶do Gold imports¶do Production, reported monthly, total⊗do Africado Canada⊗do United States⊗do Silver:	20, 470 127, 485 733 78, 636 • 54, 948 37, 170 8, 092 • 4, 424	20, 529 82, 830 115, 915 54, 722 7 56, 501 37, 589 7, 961 7 5, 779	20, 748 196, 080 102, 593 85, 774 58, 127 37, 330 8, 195 7, 612	$\begin{array}{r} 20,330\\-684,474\\49,215\\69,577\\41,044\\23,217\\7,806\\5,483\end{array}$	$\begin{array}{c} 20,463\\ 203,540\\ 17,691\\ 171,325\\ 51,824\\ 32,094\\ 9,235\\ 5,500 \end{array}$	$\begin{array}{c} 20,774\\ 271,990\\ 17,458\\ 61,508\\ 55,412\\ 35,251\\ 8,921\\ 6,246\end{array}$	20, 933 13, 057 3, 028 132, 762 59, 738 38, 736 9, 412 7, 220	21, 266 118, 958 2, 685 202, 917 57, 215 37, 162 9, 418 6, 117	21, 537 26, 745 3, 639 222, 839 7 61, 314 38, 805 9, 149 7, 319	21, 766 42, 317 5, 118 116, 776 38, 271 9, 131 7, 033	21, 955 153, 112 2, 085 111, 685 	22, 294 -3, 968 5, 619 456, 450 	^p 22, 615 -82, 786 1, 600 267, 301
Exports thous. of dol_ Imports do do Price at New Yorkdol. per fine oz Production:	858 11, 595 . 901	6, 579 7, 861 . 867	2, 945 13, 295 . 765	12, 700 4, 589 . 723	3, 523 5, 332 . 773	1, 865 7, 220 . 757	1, 387 4, 488 . 725	1,6854,408.668	1, 636 3, 410 . 636	630 4, 659 . 657	374 4, 440 . 706	2, 509 6, 087 . 716	1, 042 6, 917 . 746
Canadathous. of fine oz United Statesdo	842 2, 561	1, 013 2, 928	767 2, 464	893 3, 713	1, 044 3, 250	854 2, 730	* 929 3, 896	1, 085 2, 746	1, 029 1, 924	1, 062 2, 594	2, 180		

S-18

SURVEY OF CURRENT BUSINESS

finites attained statistics through	19	46						1947							
Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	October	Novem- ber		
		·····	FINA	NCE.	-Conti	nued		·		·	<u> </u>				
MONETARY STATISTICS—Continued															
Money supply: Currency in circulationmil. of dol. Deposits adjusted, all banks, and currency out- side banks, total*mil. of dol.	28, 861 + 169, 000	28, 952 167, 107	28, 262 165, 900	28, 304 + 165, 100	28, 230 + 165, 000	28, 114 * 165, 100	28, 261 * 165, 000	28, 297 7 165, 455	28, 149 166, 300	28, 434	28, 567 168, 500	28, 552 269, 700	₽ 28, 765		
Deposits, adjusted, total, including U. S. de- posits*mil. of dol.	* 142, 300	140, 377	139, 800	r 138, 900	1	* 139,000	138,900	r 139, 156	p 166, 300	P 140, 900	ŕ	p 143, 400			
Demand deposits, adjusted, excl. U. S.*.do Time deposits, incl. postal savings*do	83,000	83, 314	82, 500	80, 600	r 138,900 80,400	81, 300	81, 500	* 82, 276	» 83, 300	» 83, 500	» 84, 300	₽ 85, 500			
Turnover of demand deposits, except interbank and U. S. Government, annual rate:* New York Cityratio of debits to deposits Other leading cities	53, 400 23. 8 17. 8	53, 960 28. 7 19. 2	54, 200 23. 8 17. 4	r 54, 600 24. 0 18. 1	r 54, 800 24. 9 18. 6	* 55,000 21.5 17.0	r 55, 200 22. 7 17. 3	r 55, 613	୭ 55, 600 22. 9 17. 2	 <i>»</i> 55, 700 20. 6 16. 6 	₱ 55, 900 23.1 18.0	₱ 56, 100 23.9 18.2	26.5 19.8		
PROFITS AND DIVIDENDS (QUARTERLY)		10.2		10.1	10.0	1			17.2	10.0	10.0	10.2	2010		
Industrial corporations (Federal Reserve): Net profits, total (629 cos.)♂mil. of dol Iron and steel (47 cos.)do Machinery (69 cos.)do	-	61			870 126 69			870 99 83			860 98 77				
Automobiles (15 cos.)dodo Other transportation equip. (68 cos.)do Nonferrous metals and prod. (77 cos.)do Other durable goods (75 cos.)do		102 1 44 50 57			94 1 50 47 1 50			105 156 46 57			$102 \\ {}^{1}51 \\ 46 \\ 58$				
Foods, beverages and tobacco (49 cos.)do Oil producing and refining (45 cos.)do Industrial chemicals (30 cos.)do Other nondurable goods (80 cos.)do		124 85 77 91	• • • • • • • • • • • • • • • • • • •		98 90 89 96			64 111 87 92			69 122 78 93				
Miscellaneous services (74 cos.)do Profits and dividends (152 cos.):* Net profitsdo		66 415			63 426			432			67 436				
Dividends: Preferreddo		21 209			20 177		-	23			22 190				
Commondodo Electric utilities, net income (Fed. Res.)*do Railways (and Telephone cos. (see pp. S-22 and S-23).	• • • • • • • • • • • • •	156			191			192 166			190				
SECURITIES ISSUED								1							
Commercial and Financial Chronicle: Securitics issued, by type of security, total (new capital and refunding)mil. of dol New capital, totaldo Domestic, totaldo Corporatedo Federal agenciesdo	761 659 659 590 0	$ \begin{array}{c c} 1,012 \\ 788 \\ 788 \\ 669 \\ 0 \end{array} $	623 488 487 252 21	438 259 249 118 34	855 635 614 310 12	884 783 773 376 0	700 349 329 211 15	1,033 744 744 517 15	² 1,044 ² 870 619 483 12	533 342 317 123 8	783 619 619 256 85	813 712 712 598 0	705 571 571 470		
Municipal, State, etcdo Foreigndo Refunding, total‡do	69 0 102	119 0 223 190	215 1 135	96 10 179	293 21 220	397 10 101	103 20 352	212 0 290	124 1 175	185 25 191	277 0 165	114 0 101	101 0 134		
Domestic, total‡do. Corporatetdo. Federal agenciesdo. Municipal, State, etcdo. Foreigndo.	$ \begin{array}{c c} 102 \\ 86 \\ 13 \\ 2 \\ 0 \end{array} $	190 105 34 50 34	$ \begin{array}{r} 135 \\ 103 \\ 22 \\ 11 \\ 0 \end{array} $	56 31 24 1 123	191 140 50 2 29	96 73 20 3 5	352 317 33 1 0	252 211 38 2 38	170 118 40 11 5	191 147 40 3 0	(a) 165 122 42 (a) 0	$ \begin{array}{c} 101 \\ 76 \\ 20 \\ 5 \\ 0 \end{array} $	134 84 48 2 0		
Securities and Exchange Commission: Estimated gross proceeds, totaldo By types of security:	1, 312	2, 044	1, 717	1,406	1, 686	1, 611	1, 225	2,041	1, 777	1,050	+ 1, 357	* 2, 414	1, 253		
Bonds, notes, and debentures, totaldo Corporatedo Preferred stockdo Common stockdodo	1, 139 449 125 47	1, 881 742 142 20	1, 645 249 15 57	1,289 149 49 67	$\begin{array}{c c} 1,618\\ 382\\ 39\\ 28\end{array}$	1,454 292 75 82	1,088 309 112 26	1,900 596 112 30	$1,589 \\ 412 \\ 110 \\ 79$	1, 026 223 15 10	* 1,261 346 67 29	$\begin{array}{c c} r & 2,207 \\ & 414 \\ & 57 \\ & 150 \end{array}$	1, 104 412 31 118		
By types of issuers: Corporate, totaldo Industrialdo Public utilitydo	536 55	905 276 515	322 233 45	265 122 68	450 94 336	449 334 94	446 170 229	738 145 542	601 246 311	248 81 141		622 262 308	561 218 284		
Raildo	19 11 691 619	47 67 1,139 936	33 11 1, 396 1, 170	8 66 1,141 921	12 9 1,236 891	$ \begin{array}{r} 17 \\ 4 \\ 1,162 \\ 746 \end{array} $	37 10 779 653	$ \begin{array}{r} 29 \\ 22 \\ 1,304 \\ 1,051 \end{array} $	28 14 2 1, 177 790	23 3 802 614		35 17 1,792 1,673	37 22 692 589		
Federal agency not guaranteeddo State and municipaldo Foreigndo New corporate security issues:	0 71 0	170 33	226 0	0 97 122	0 344 0	0 400 15	0 106 20	0 214 37	0 136 0	0 188 0	278 0	0 118 0			
Estimated net proceeds, totaldo Proposed uses of proceeds:	610	894	316	260	442	441	437	727	588	245	434	612	547		
New money, total	510 326 184	711 572 139	183 138 45	205 105 101	285 . 153 . 132	254 101 153	180 109 71	498 426 72	435 370 64	118 99 19	244 179 65	510 388 122	425 354 71		
Working capitaldo Retirement of debt and stockdo Funded debtdo	86 72	171 119	131 81	49 18	152 110	183 80	251 198	222 164	129 103	121 102	163 154	78	103		
Other debtdo Preferred stockdo Other purposesdo Proposed uses by major groups:	72 8 7 13	35 17 12	11 38 2	15 16 5	31 11 5	98 5 3	19 34 7	15 43 6	17 9 24	16 3 6	1	45 18 24	22 7 18		
Industrial, total net proceedsdo New moneydo	528 465	270 206	229 136	119 94	90 52 34	328 204	165 129	141 96	239 175	79 65	71 45	259 193	213 129		
Retirement of debt and stockdo Public utility, total net proceedsdo		52 510	92 43 14	94 22 67 47	34 332 223	122 93 30	31 225 31	41 536 353	56 307	13 140	$21 \\ 306$	65 303	277		
New money	55 53 21 29 18 18	417 93 47 35	29 33 28	20 8 7	108 12 9	61 17 17	192 37 15	181 28 28	234 72 28 22	28 107 23 23	157 136 5 4	280 8 35 31	245 31 37 37		
Retirement of debt and stockdo Real estate and financial, total net proceeds mil. of dol New moneydo	0	12 66 53	5 11 5	2 66 58	2 9 1	0 3 3	22 10	0 21 21	0 14	0		4	21		
Retirement of debt and stockdo		53 14 \$250,000,0	5	6	8	(•)	5 5 than \$500.		3 1		38	(a) 7	15		

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sen- tember	October	Novem- ber
		<u> </u>	FINA	NCE-	-Conti	nued	<u> </u>			·	·		
SECURITIES ISSUED—Continued									1				1
State and municipal issues (Bond Buyer): Permanent (long term)thous. of dol Temporary (short term)do	78, 194 47, 388	175, 449 10, 685	228, 929 77, 979	100, 184 81, 067	353, 502 146, 137	405, 776 71, 803	108, 502 29, 927	214, 749 49, 717	144, 801 136, 364	194, 220 30, 715	275, 006 77, 112	116, 380 85, 242	
COMMODITY MARKETS													
Volume of trading in grain futures: Wheat	76 183	106 190	139 172	388 194	510 360	314 283	328 369	358 531	601 509	503 482	847 393	651 241	373 227
SECURITY MARKETS Brokers' Balances (N. Y. S. E. Members													
Carrying Margin Accounts)¶ Customers' debit balances (net)mil. of dol	571	537	533	573	576	553	530	552 395	564	550	570	606	593
Cash on hand and in banksdo Money borroweddo Customers' free credit balancesdo	238 723	453 217 693	210 687	217 68J	216 677	$\begin{array}{c} 205 \\ 665 \end{array}$	201 652	222 650	251 677	241 656	280 630	* 257 616	247 117
Bonds Prices:	1												
Average price of all listed bonds (N. Y. S. E.) dollarsdodddddddddodddddddddddddd	102.00 102.41 76.89	102. 64 103. 07 · 76. 18	102.89 103.30 77.12	102. 86 103. 27 77. 20	$102, 95 \\103, 36 \\77, 00$	$102.63 \\ 103.06 \\ 76.42$	102, 49 102, 92 75, 32	102. 25 102. 70 74. 02	102. 33 102. 77 74. 16	102.62 103.09 73.28	¹ 102. 06 102. 54 73. 28	¹ 101, 19 101, 65 71, 90	¹ 100. 46 100. 93 70. 51
Industrials, utilities, and railroads: High grade (15 bonds)dol. per \$100 bond Medium and lower grade:	121.6	121. 5	122.6	122. 7	122.4	122.8	122. 9	122.8	122, 5	122.3	121.5	120. 0	118.8
Composite (50 bonds)do Industrials (10 bonds)do Public utilities (20 bonds)do	115.9 122.5 112.6	115.9 123.0 111.9	116.3 123.5 111.2	116.8 123.7 112.4	$116. \ 6 \\ 123. \ 7 \\ 112. \ 5$	116.5 123.5 112.7	$115.0 \\ 123.2 \\ 112.5$	114.3 122.6 113.0	$115.7 \\ 122.8 \\ 113.8$	116.1 123.9 113.9	r 115. 1 121. 9 114. 1	114.0 120.8 114.3	113.3 120.0 114.7
Railroads (20 bonds)do Defaulted (15 bonds)do Domestic municipals (15 bonds)†do U. S. Treasury bonds (taxable)†do Sales (Securities and Exchange Commission):	112. 7 63. 6 136. 8 103. 7	112. 9 67. 7 133. 4 103. 9	114. 3 68. 3 134. 4 104. 3	114. 3 69. 3 133. 1 104. 4	$ \begin{array}{r} 113.6 \\ 66.1 \\ 132.5 \\ 104.6 \end{array} $	113. 2 64. 0 133. 2 104. 6	109. 2 61. 9 133. 9 104. 5	107. 3 63. 4 134. 4 104. 1	110. 5 69. 6 134. 7 103. 8	110. 4 69. 6 134. 3 103. 9	109.3 68.6 134.4 104.0	106. 9 69. 4 132. 5 103. 4	105. 1 68. 1 129. 4 102. 1
Total on all registered exchanges: Market value§thous. of dol Face value§dodo	66, 551 97, 458	121, 416 161, 049	100, 265 136, 235	73, 249 100, 247	67, 522 89, 587	68, 974 94, 673	71, 024 98, 349	67, 490 88, 531	85, 253 109, 385	64, 886 81, 063	60, 326 80, 312	85, 862 † 121, 655	
On New York Stock Exchange: Market value§	62, 101 91, 836	116, 541 154, 937	95, 470 130, 028	68, 979 95, 349	63, 187 81, 491	64, 393 88, 961	63, 880 90, 458	58, 248 78, 115	76, 972 99, 723	56, 618 70, 705	$51,284 \\ 69,316$	78, 192 112, 210	
Face values do. Exclusive of stopped sales (N. Y. S. E.), face value, total value, total	$95, 127 \\ 225 \\ 94, 902 \\ 89, 201$	127,553 265 127,288 120,544	$125, 491 \\ 126 \\ 125, 365 \\ 118, 519$	79, 987 98 79, 889 74, 530	75,582 35 75,547 68,860	81, 601 828 80, 773 74, 885	$\begin{array}{r} 82,526\\140\\82,386\\75,863\end{array}$	70, 077 386 69, 691 63, 590	96, 661 1, 152 2 95, 509 76, 937	60, 490 14 2 60, 476 52, 588	73, 440 73 2 73, 367 63, 949	105, 990 219 2 105, 771 95, 246	81, 823 39 2 81, 784 73, 830
Foreigndo Value, issues listed on N. Y. S. E.: Face value, all issuesmil. of dol	5, 761 136, 787	6, 744 137, 165	6, 846 137, 006	5, 359 137, 106	6, 687 136, 937	5, 888 137, 219	6, 523 137, 019	6, 101 137, 058	5, 101 3 137, 563	5, 216 3 137, 628	7, 344 3 137, 666	9, 265 3 136, 711	6, 431 3 136, 879
Domestic do Foreign do. Market value, all issues do Domestic do Foreign do	$\begin{array}{r} 134, 584 \\ 2, 203 \\ 139, 521 \\ 137, 827 \\ 1, 694 \end{array}$	$\begin{array}{r} 134,995\\ 2,170\\ 140,793\\ 139,139\\ 1,653\end{array}$	134,8592,148140,966139,3101,656	$\begin{array}{r} 134,956\\2,150\\141,033\\139,373\\1,660\end{array}$	$\begin{array}{r} 134,806\\ 2,132\\ 140,978\\ 139,336\\ 1,641 \end{array}$	135, 044 2, 174 140, 833 139, 172 1, 662	134, 856 2, 163 140, 426 138, 797	$\begin{array}{r} 134,932\\ 2,126\\ 140,148\\ 138,574\\ 1,574\end{array}$	135, 175 2, 138 3 140, 763 138, 923 1, 585	135, 210 2, 168 3 141, 236 139, 394 1, 589	135, 281 2, 135 3 140, 499 138, 715 1, 533	134, 346 2, 115 3 138, 336 136, 568 1, 521	134, 556 2, 073 3 137, 509 135, 804 1, 462
Y ields: Domestic corporate (Moody's)percent	2.82	2.83	2, 79	2, 78	2.79	2. 78	1, 629 2, 79	2. 81	2.80	2.80	2.85	2. 95	3.02
By ratings: Aaado Aado Baado do	$\begin{array}{c} 2.59 \\ 2.69 \\ 2.84 \\ 3.17 \end{array}$	2. 61 2. 69 2. 83 3. 17	2.57 2.65 2.79 3.13	2.55 2.64 2.79 3.12	2.55 2.64 2.80 3.15	2, 53 2, 63 2, 81 3, 16	2.53 2.63 2.82	2.55 2.64 2.83 3.21	2.55 2.64 2.82	2, 56 2, 64 2, 81 3, 17	2. 61 2. 69 2. 86 3. 23	2. 70 2. 79 2. 95 3. 35	2.77 2.85 3.01 3.44
Baa do By groups: Industrialsdo Public utilitiesdo Railroadsdo	2. 66 2. 77 3. 05	2. 66 2. 77 3. 04	2. 63 2. 73 3. 00	0, 12 2, 61 2, 72 3, 00	2. 61 2. 73 3. 02	2. 60 2. 71 3. 03	3. 17 2. 60 2. 71 3. 05	2. 60 2. 72 3. 10	3, 18 2, 62 2, 72 3, 06	2.63 2.72 3.03	2. 67 2. 78 3. 09	2. 76 2. 87 3. 22	2. 84 2. 93 3. 30
Domestic municipals: Bond Buyer (20 cities)do Standard and Poor's Corp. (15 bonds)do U. S. Treasury bonds, taxabletdo	1. 78 1. 80 2. 25	1. 85 1. 97 2. 24	1.81 1.92 2.21	1. 97 1. 99 2. 21	1, 90 2, 02 2, 19	1.89 1.98 2.19	1.83 1.95	1, 81 1, 92 2, 22	1.81 1.91 2.25	1.83 1.93 2.24	1.82 1.93 2.24	1. 97 2. 02 2. 27	2.36 2.18
Stocks	2.20	2.24	2. 21	4. 21	2.19	2.19	2.19	2.22	2.20	2.24	2.24	2.21	2.10
Dividends: Cash dividend payments and rates, 600 cos., Moody's:													
Total annual payments at current rates mil. of dol	2, C66 954, 65	2, 111 954. 65	2, 129 954. 65	2, 196 954. 65	2, 196 954. 65	2, 224 954. 65	2, 310 954. 65	2, 310 954. 65	2, 329 954. 65	2, 348 954, 65	2, 358 954. 65	2, 387 954. 65	2, 463 954. 65
Number of shares, adjustedmillions Dividend rate per share (weighted average) dollars Banks (21 cos)	$2.16 \\ 3.20$	2. 21 3. 20	2, 23 3, 21	2, 30 3, 21	2, 30 3, 21	2, 33 3, 21	2. 42 3. 21	2, 42 3, 21	2.44 3.21	2.46 3.21	2. 47 3. 21	$2.50 \\ 3.21$	$2.58 \\ 3.21$
Banks (21 cos.)	2. 12 2. 59 1. 90 2. 76	2. 19 2. 59 1. 90 2. 77	2, 22 2, 59 1, 92 2, 75	2, 32 2, 59 1, 95 2, 75	2, 35 2, 59 1, 95 2, 66	2.40 2.59 1.96 2.66	2, 50 2, 59 1, 96 2, 66	2, 51 2, 59 1, 98 2, 66	2.52 2.59 1.99 2.67	2.55 2.59 1.99 2.68	2.56 2.59 1.99 2.68	2.62 2.59 1.99 2.63	2, 72 2, 59 1, 99 2, 57
Railroads (36 cos.)	160, 5 86, 8	963. 1 561. 1	434. 5 160. 9	190. 5 89. 1	492.5 308.5	388.9 162.7	159. 2 85. 9	609.4 339.7	444. 9 191. 7	179.4 96.4	559.3 349.0	422.0 195.0	167.3 95.9
Miningdo Tradedo Finance do	4.2 9.9 24.0	74. 1 90. 2 98. 1 44. 4	2, 9 50, 0 92, 4 19, 4	1, 2 9, 6 29, 5 8, 0	25.4 45.3 25.8 22.7	5.9 35.1 55.9 21.6	1.3 9.6 18.2 5.4	68.4 39.5 48.8 34.2	12.4 29.4 90.6 11.2	1.5 9.3 31.7 5.9	58.0 42.2 29.8 17.1	6.4 37.0 60.2 13.5	$ \begin{array}{r} 1.3 \\ 8.6 \\ 20.6 \\ 3.8 \\ \end{array} $
Railroads do Heat, light, and power do Communications do Miscellaneous do r Bavised 1044 continue series in the 1942 Sut	2.1	46. 1 14. 3 34. 8	48. 2 50. 1 10. 6	51.0 .3 1.8	36.3 9.9 18.6	47.5 49.6 10.6	35.9 .3 2.6	51. 2 9. 4 18. 2	$\begin{array}{c} 46.\ 2 \\ 50.\ 0 \\ 13.\ 4 \end{array}$	31.0 .3 3.3	34. 7 9. 8 18. 7	48.8 49.2 11.9	34.7 .3 2.1

* Revised are not series in the 1942 Supplement.
* Prices of bonds of the International Bank as follows: July, \$13,471,000; August, \$2,672,000; September, \$2,074,000; October, \$1,260,000, November \$1523,000.
* Includes sales of bonds of International Bank as follows: July, \$13,471,000; August, \$2,672,000; September, \$2,074,000; October, \$1,260,000, November \$1523,000.
* Includes bonds of International Bank as follows: July, \$13,471,000; August, \$2,572,000; September, \$2,074,000; October, \$1,260,000, November \$1523,000.
* Includes bonds of International Bank as follows: Face value—July to November; \$250,000,000; market value—July, \$255,000,000; August, \$253,000,000; September, \$221,000,000; October, \$1,260,000, November \$144,000,000.
* Seince March 18, 1944, United States Government bonds have not been included.
* See note in September 1947 Survey for source of data.
* New series. Data for dividend payments for 1941-44 are available on p. 20 of the February 1944 Survey and p. 31 of the February 1947 Survey; earlier data will be published later.
Revised figures through 1943 for prices and yields of U. S. Treasury bonds and a description of the data are on p. 20 of the September 1944 Survey.

S-20

SURVEY OF CURRENT BUSINESS

Unless otherwise stated, statistics through	194	16						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber
			FINA	NCE	-Contir	nued							
SECURITY MARKETS—Continued													
Stocks-Continued													
Dividends-Continued Dividend yields: Common stocks (200), Moody'spercent Banks (15 stocks)do Industrials (125 stocks)do Insurance (10 stocks)do Public utilities (25 stocks)do	$\begin{array}{r} 4.6 \\ 4.0 \\ 4.4 \\ 3.6 \\ 4.8 \end{array}$	$\begin{array}{c} 4.5\\ 3.9\\ 4.4\\ 3.5\\ 4.6\end{array}$	4.5 4.2 4.4 3.3 4.6	4.7 4.2 4.6 3.3 4.7	4.8 4.4 4.7 3.4 4.9	$5.1 \\ 4.6 \\ 5.0 \\ 3.6 \\ 4.9$	5.3 4.6 5.3 3.7 5.0	$5.1 \\ 4.6 \\ 5.0 \\ 3.5 \\ 5.1$	4.9 4.4 4.8 3.5 5.1	5.1 4.4 5.0 3.6 5.0	$5.2 \\ 4.5 \\ 5.1 \\ 3.6 \\ 5.1$	$5.1 \\ 4.5 \\ 5.1 \\ 3.5 \\ 5.2$	5.4 4.7 5.4 3.5 5.5
Railroads (25 stocks) Preferred stocks, high-grade (15 stocks), Stand- ard and Poor's Corporationpercent. Prices:	6.9 3.70	6. 6 3. 76	6.6 3.74	6. 8 3. 71	6.8 3.72	7. 3 3. 75	7.5 3.76	7.3 3.76	6.7 3.72	7.0 3.71	7. 1 3, 72	7. 0 3. 86	7. 2 4. 01
Average price of all listed shares (N. Y. S. E.) Dec. 31, 1924=100. Dow-Jones & Co. (65 stocks)dol. per share Industrials (30 stocks)do Public utilities (15 stocks)do	78. 5 61. 77 168. 94 35. 23 49. 24	81. 6 63. 97 174. 38 51. 18 36. 77	82. 4 63. 78 176. 10 36. 55 49. 56	81. 1 65. 83 181. 54 37. 17 51. 74	79. 4 63. 64 176. 66 36. 02 49. 15	75.7 61.04 171.28 34.52 45.88	$\begin{array}{r} 74.\ 4\\ 59.\ 49\\ 168.\ 67\\ 33.\ 39\\ 43.\ 60\end{array}$	$\begin{array}{r} 77.3\\61.26\\173.76\\33.98\\44.86\end{array}$	80, 3 65, 32 183, 51 35, 61 49, 39	$\begin{array}{r} 78.3\\64.36\\180.08\\35.58\\48.73\end{array}$	77.563.39176.8235.2548.10	78. 7 63. 93 181. 92 35. 48 49. 44	75. 8 63. 98 181. 42 34. 10 47. 79
Industrials, utilities, and railroads: Combined index (402 stocks)1935-39=100. Industrials (354 stocks)do Capital goods (116 stocks)do Consumer's goods (191 stocks)do Public utilities (28 stocks)do Railroads (20 stocks)do Banks, N. Y. C. (19 stocks)do Fire and marine insurance (18 stocks)do Fire and Exchange Commission):	120. 6 123. 8 111. 5 130. 0 105. 5 113. 3 108. 5 115. 8	125. 5 128. 9 117. 9 133. 5 109. 8 118. 8 108. 7 117. 6	125. 2 128. 5 117. 6 133. 8 110. 7 114. 7 106. 2 122. 3	128. 7 132. 6 121. 6 139. 7 111. 4 118. 8 103. 9 125. 8	123. 7 127. 7 117. 1 133. 5 107. 3 109. 9 101. 2 122. 4	119. 3 123. 1 113. 0 126. 7 104. 6 102. 2 94. 7 118. 8	115. 2 119. 0 108. 0 121. 4 102. 0 95. 1 95. 0 114. 0	119. 1 124. 1 111, 9 126. 4 100. 8 97. 6 94. 7 117. 0	$126.0 \\ 131.7 \\ 118.9 \\ 134.6 \\ 102.2 \\ 108.2 \\ 97.3 \\ 120.5$	132.4 101.4 105.2 98.0	$123.1 \\ 128.4 \\ 115.7 \\ 130.5 \\ 102.0 \\ 103.6 \\ 97.5 \\ 114.0$	$\begin{array}{c} 125.1\\ 131.1\\ 119.1\\ 132.8\\ 101.0\\ 104.2\\ 96.7\\ 116.4 \end{array}$	97. 2
Total on all registered exchanges: Market value	1, 118 51, 669	1, 273 56, 527	1, 100 47, 312	1, 144 53, 518	928 37, 227	980 45, 116	884 40, 181	804 35, 349	1, 051 45, 536	7728 729,662	r 722 r 31, 651	r 1, 230 r 55, 736	
Market valuemil. of dol. Shares soldthousands. Exclusive of odd lot and stopped sales (N. Y.	951 36, 955	1, 074 39, 723	918 32, 628	944 34, 109	770 25, 302	826 32, 3 3 8	739 27, 854	668 23, 643	890 32,951	624 r 21,600	r 611 r 21, 556	* 1,043 * 40,620	
Times)thousands Shares listed, N. Y. S. E.: Market value, all listed sharesmil. of dol. Number of shares listedmillions.	23, 819 65, 741 1, 764	29, 834 68, 595 1, 771	23, 557 69, 627 1, 779	23, 758 68, 839 1, 786	19, 337 67, 608 1, 792	20, 620 64, 520 1, 794	20, 616 63, 646 1, 814	17, 483 66, 548 1, 829	7 25, 473 69, 365 1, 847	68, 184	16, 017 67, 522 1, 870	28, 635 68, 884 1, 879	
			FOI	REIGN	TRAI)E					· · · · ·		
INDEXES	1								1	1	1	ī	

					·							
INDEXES							:					
Exports of U. S. merchandise: Quantity1923-25=100 Valuedo Unit valuedo Imports for consumption: Quantitydo Valuedo	226 260 115 141 146	249 291 117 145 154	245 294 120 155 167	250 304 121 119 133	286 350 123 116 136	274 344 126 123 151	296 378 128 121 142	258 330 128 124 147	238 306 129 118 139	231 304 132 108 127	225 293 130 127 151	248 325 131 136
Unit valuedo Agricultural products, quantity: Exports, domestic, total: Unadjusted	140	106	109 94	113	117	124 93	119 95	119 89	118 67	118 63	151 119 75	84
Adjusteddo Total, excluding cotton: Unadjusteddo Adjusteddo Imports for consumption:	76 136 113	90 160 142	92 142 144	128 158 190	128 162 189	115 141 168	117 150 171	121 132 159	91 119 150	63 121 119	64 128 109	64 142 112
Unadjusteddo Adjusteddo	108 117	109 112	141 132	100 96	94 81	104 96	102 105	93 100	84 93	74 80	93 98	101 102
SHIPPING WEIGHT*												
Exports, including reexportsmil. of lb General importsdo	14, 882 8, 523	12, 579 8, 135	13, 389 9, 623	14, 637 8, 201	16, 954 9, 199	19, 628 9, 684	26, 509 10, 317	24, 938 10, 103	22, 745 11, 264	ד 27, 418 ד 10, 530	23, 691 9, 724	
VALUE§												
Exports, total, including reexportsmil. of dol Lend-lease*do By geographic regions:		1, 097 7	1, 114 8	1, 150 3	$\substack{1,327\\2}$	$\substack{1,299\\2}$	1, 422 4	1, 242 (^a)	r 1, 162 1	r 1,152 (ª)	* 1, 109 1	r 1, 235 (a) (a) (a)
Africa thous, of dol. Asia and Oceania do Europe do. Northern North America do Southern North America do South America do Total exports by leading countries:	53,070 7 122,071 388,288 7 157,825 120,557 144,489	46, 463 208, 207 362, 113 156, 202 143, 415 180, 777	56, 357 160, 783 435, 224 149, 049 142, 223 170, 140	52, 512 177, 270 454, 447 150, 313 140, 675 174, 836	73, 792 213, 638 484, 084 185, 116 144, 662 226, 401	68, 709 177, 172 496, 079 188, 353 152, 356 215, 955	86, 806 220, 012 516, 911 210, 276 148, 641 239, 160	74, 829 7 224, 059 431, 090 191, 551 126, 988 193, 251	65, 751 195, 765 405, 585 170, 456 130, 155 187, 557	70, 434 164, 543 409, 976 174, 909 126, 057 197, 148	65, 763 160, 258 394, 313 176, 795 126, 648 176, 736	76, 702 181, 713 404, 580 202, 776 164, 096 195, 824
Europé: France	11, 689 31, 056	54, 669 10, 943 31, 846	70, 761 12, 615 40, 507	76, 463 9, 595 44, 445	73, 081 13, 704 49, 189	76, 432 14, 900 55, 352	88, 123 18, 343 46, 830	75, 102 12, 249 50, 529	65, 096 15, 614 26, 420	56, 841 12, 936 29, 921	64, 545 8, 371 36, 043	58, 248 12, 003 35, 758
thous, of dol United Kingdomdo	16, 039 102, 586	14, 078 74, 035	24, 671 111, 656	15, 780 102, 650	7, 232 116, 74 8	9, 281 93, 465	27, 116 94, 497	7, 140 99, 804	15, 742 † 95, 232	4, 051 95, 705	3, 032 89, 789	9, 158 94, 513

pless otherwise stated statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	October	Nove be
		FO	REIG	N TRA	DE—C	ontinu	ied						
VALUE§-Continued								[Ī		1	
otal exports by leading countries—Continued North and South America:												i E	1
Canadathous. of dol Latin American Republics, totaldo Argentinado	7 153, 586 252, 306 29, 379	152, 752 306, 297 37, 850	146, 298 292, 828 31, 976	$\begin{array}{c} 145,572 \\ 287,336 \\ 36,055 \end{array}$	181, 351 351, 187 66, 464	181, 511 350, 365 49, 415	$\begin{array}{c} 203, 624 \\ 369, 636 \\ 71, 653 \end{array}$	187,004 305,552 57,778	$\begin{array}{c} 166,048\\ 302,961\\ 53,687\end{array}$	170, 520 309, 065 74, 428	$\begin{array}{c} 172,644 \\ 288,100 \\ 64,990 \end{array}$	198, 557 342, 611 59, 315	
Brazildo Chile	47,760 7,471	51,138 11,672	52, 835 11, 796	56, 340 9, 126	65, 445 11, 481	61, 240 9, 919	68, 535 12, 387	50,050	50, 127 10, 487	45, 294 10, 584	40, 258 8, 519	52,858 11,605	
Columbia*dodddddddddddd	14, 212 36, 439 50, 331	21, 123 38, 143 57, 554	21, 266 39, 439 51, 011	15, 220 36, 499 50, 419	19, 930 37, 227 62, 515	21, 234 47, 577 56, 992	23, 467 42, 725 56, 862	$\begin{array}{c} 17,133 \\ 41,560 \\ 46,881 \end{array}$	17,374	14, 190 33, 249 44, 713	12, 275 35, 073	17,934 48,480	
Venezuela*do	27, 321	31, 250	27, 676	35, 861	30, 623	46, 138	39, 095	35, 430	51, 399 34, 947	31, 364	42, 702 33, 872	52, 887 37, 055	
Other regions: do. Australia	6, 213 779 7 35, 809	9, 140 2, 579 54, 590	16, 748 2, 322 35, 694	8, 307 3, 358 39, 720	$ \begin{array}{r} 19,562 \\ 5,769 \\ 37,370 \end{array} $	14, 271 4, 172 26, 164	24, 458 7, 145 41, 395	20, 668 5, 205 55, 538	26, 364 7, 790 39, 349	23, 822 5, 619 19, 678	19, 752 5, 733 12, 085	21, 325 5, 993 11, 947	
Egyptdodododo	3, 261 15, 428	2, 858 28, 435	3,857 26,583	3,677 25,943	4, 576 43, 448	5, 537 38, 598	6,765	6, 473 55, 815	5, 284 28, 166	5, 383 24, 536	6, 397 29, 100	3, 935 31, 732	
Japandodddododddddodddddddddd_	12, 416 3, 311	6,363 8,069	3,627 11,807	2, 539 5, 437	3,371 11,286	283 9,779	2,063 16,814	230 9, 302	424 8, 103	480 6, 236	10, 403 4, 831	7,150 5,478	
Philippine Islands	$\begin{array}{c} 25,401 \\ 34,358 \\ 967 \end{array}$	58,646 23,282 1,084	30, 210 29, 312 1, 094	52, 996 27, 719 1, 130	42,769 40,000 1,304	32, 037 34, 656 1, 280	33,066 41,763 1,408	$29,310 \\ 36,438 \\ 1,228$	30,094 34,698 71,151	32, 689 36, 789 7 1, 141	35, 905 29, 911 1, 098	41, 542 35, 828 7 1, 218	
Crude materials	7 173, 088	135, 882	133, 879	139,640	149, 576	129,807	143, 691	152, 767	101,347	115,436	127, 046	138, 989	
Crude foodstuffsdo Manufactured foodstuffs and beveragesdo Semimanufactures	51, 340 107, 725 7 82, 976	$68,347 \\ 149,720 \\ 105,381$	$\begin{array}{r} 62,515\\ 132,503\\ 114,370\end{array}$	65,807 136,606 115,595	$81,251 \\ 135,941 \\ 147,032$	81, 542 129, 290 145, 828	80,031 144,515 171,024	56, 812 137, 375 159, 436	61,970 121,139 151,277	66,553 108,035 164,223	$\begin{array}{r} 67,543 \\ 108,287 \\ 143,703 \end{array}$	$ \begin{array}{c} 65,844\\ 126,054\\ 150,628 \end{array} $	1
Finished manufacturesdo By principal commodities: Agricultural products, totaldo	552, 347	623, 965	650, 630	673, 339	790, 493	794, 046	869, 196	721, 880	707, 352	678, 420	642, 950	727, 156	
Cotton, unmanufactured	291, 925 70, 562 19, 428	$321,002 \\ 57,437 \\ 44,184$	290, 351 47, 713 36, 026	$\begin{array}{r} 301,046\\ 60,972\\ 32,658\end{array}$	$\begin{array}{r} 315,837\\ 60,748\\ 27,332\end{array}$	279,720 45,588 19,086	289, 178 41, 134 21, 457	274,080 50,060 17,610	220,501 13,165 21,576	$\begin{array}{c c} 201,407 \\ 1,716 \\ 16,312 \end{array}$	$\begin{array}{c} 222,322 \\ 18,227 \\ 21,565 \end{array}$	248, 593 22, 080 27, 226	
Fruits, vegetables and preparationsdo Grains and preparationsdo Packing house productsdo Nonagricultural products, totaldo	71, 494 13, 377	96, 344 19, 272	88,696 18,535	109, 822 18, 124	120,385 19,692	125, 125 21, 206	126, 882 32, 807	102, 949 21, 716	92, 503 14, 715	91, 218 17, 620	91, 340 21, 749	94, 084 16, 503	
Nonagricultural products, totaldo Automobiles, parts and accessoriesdo Chemicals and related productsdo	675, 551 75, 974	762, 236 70, 816 57, 111	803, 479 72, 359	829, 680 74, 748	988, 245 95, 875	1,000,688	1,119,255 114,878	954, 190 90, 132	923, 394 89, 485	931,261 101,078	* 867, 207 90, 859	960, 077 98, 413	
Copper and manufactures	44,651 4,827 744,838	6, 256 51, 236	52,424 6,184 57,157	$53, 533 \\ 4, 979 \\ 52, 116$	$67,405 \\ 6,625 \\ 70,237$	67, 881 5, 935 71, 877	78,014 7,111 79,020	$67,658 \\ 8,673 \\ 70,661$	69,777 7,453 66,906	68,897 11,210 67,311	60, 859 10, 079 66, 851	$67,711 \\ 11,036 \\ 75,662$	
Copper and manufactures	148,273 16,294	154,438 18,600	$166,333 \\ 19,344$	162,949 19,148	191, 365 24, 649	202, 052 28, 818	246,095 31,008	194,462 27,615	201,198 26,163	182, 662 28, 474	175, 767 26, 234	209, 484 29, 358	
ElectricaldodOdO	35, 490 14, 574	40,605	38,119 19,867	40,979 14,031	48,628 17,808	47,437	55,656 21,129	48, 184 15, 365	49,474 17,909	43, 421 13, 769	42, 784 13, 333	51, 624 15, 760	
A gricultural	r 74, 471 r 36, 101 482	71, 204 41, 513 536	79, 155 37, 218 533	80, 194 47, 898 435	88, 844 50, 192 444	95, 549 53, 928 512	124, 156 59, 942 474	94, 115 58, 725 463	98, 055 63, 846 450	86, 326 57, 257 400	82, 378 53, 418 481	99, 887 55, 569 491	1
A fricathous, of dolthous, of doltho	28, 087	22, 978	29, 205	21, 172	19, 159	30, 079	19, 795	24, 189	14,799	24, 402	43, 850	24, 242	
Europe do	r 119, 723 76, 258 r 88, 296	$139,236 \\88,877 \\93,097$	150, 311 76, 313 82, 979	102, 165 60, 044 75, 524	98, 217 49, 677 91, 641	98, 272 68, 090 90, 932	$\begin{array}{c} 120,830 \\ 58,407 \\ 87,817 \end{array}$	$\begin{array}{r} 100,696\\ 69,341\\ 96,638 \end{array}$	95, 751 71, 730 90, 547	$56,798 \\ 64,126 \\ 88,616$	77, 879 76, 796 101, 121	88, 412 78, 847	
Northern North Americadodo Southern North Americado South Americado	61, 094 104, 496	76, 938 114, 707	75, 106 116, 600	76, 876 100, 516	93, 454 92, 120	112, 634 111, 805	86, 026 100, 701	93, 836 78, 236	90, 547 91, 853 84, 927	78, 839 87, 538	77, 409 104, 055	108,485 71,482 120,028	
y leading countries: Europe:		,	,	,	,								
Francedo Germanydo Jtalydo	7, 372 403 9, 544	8,610 125 8,004	6, 167 252 5, 392	3, 531 70 3, 276	4, 502 218 3, 314	5,073 531 3,825	$3,856 \\766 \\2,673$	3,287 196 2,953	3, 411 365 2, 074	2, 807 688 2, 188	3,408 484 3,040	$3,524 \\710 \\4,958$	
Union of Soviet Socialist Republicsdo United Kingdomdo	1, 809 18, 476	15,944 14,224	9, 006 16, 910	1, 047 19, 020	1,245 11,139	6, 288 18, 099	4, 466 16, 824	10, 475 18, 938	9, 956 18, 624	2, 100 2, 508 17, 128	13,994 15,684	4,958 7,835 18,426	
North and South America: Canadadododododo	r 84, 331	90, 187	79, 475	74, 306	89,755	89, 442	85, 072	92,644	86, 762	84, 866	97, 317	105, 305	
Argentinadododo	159, 776 23, 016 37, 792	$185,610 \\ 26,658 \\ 37,277$	183, 724 16, 382 51, 482	$169, 916 \\ 16, 900 \\ 37, 504$	175,832 8,767 29,367	$215, 236 \\ 13, 294 \\ 42, 549$	176, 330 18, 839 26, 763	$164,893 \\ 15,313 \\ 16,952$	168, 321 10, 691 31, 154	158,670 5,817 28,229	174, 375 7, 239 46, 705	183,365 11,453 46,718	
Colombia* do	6, 719 16, 550	8, 770 20, 142	4, 747 18, 176	4,931 18,351	8,186 20,259	11,805 18,515	14, 120 14, 477	$11,160 \\ 12,785$	10, 888 9, 917	$11,602 \\ 13,759$	9, 076 14, 694	11,243 23,320	
Cubadodododododododododododododododododo	29, 276 19, 984 9, 973	$36, 168 \\ 23, 441 \\ 10, 523$	27,553 25,024 14,201	$\begin{array}{c} 34,077\ 21,299\ 13,711 \end{array}$	42, 801 23, 395 17, 072	61, 238 22, 205 13, 733	44,586 17,466	50,848 21,582 12,829	53, 706 18, 309	45, 133 16, 749	32,318 29,226	37,636 19,231	
Other regions: Australia	7 11, 828	7, 724	14, 201	8, 516	16,813	15, 755	13, 134 15, 206	12, 829 12, 058	13, 289 7, 079	13, 850 5, 341	15, 657 5, 781	14, 596 3, 674	
Chinado	19,093 5,183	15,347 11,593	47, 246 15, 572	24, 490 13, 206	$15,699 \\ 10,271$	18, 211 5, 955	43, 212 11, 917	$23,662 \\ 13,727$	23, 951 7, 556	$14,212 \\ 3,033$	16, 407 5, 390	15, 809 6, 634	1
Egyptdo India and dependenciesdo Japan	7,058 27,618 10,626	$3,312 \\ 24,944 \\ 19,211$	$1,068 \\ 27,581 \\ 8,445$	1, 354 19, 487 3, 762	$22,059 \\ 775$	936 19, 218 813	954 13, 234 804	3, 931 22, 959 1, 119	1,032 29,157	2,637 13,759	13,393 24,811	1, 835 21, 578	
Netherlands Indiesdo Philippine Islandsdo	5, 660 5, 891	8, 044 11, 195	4, 545 10, 965	5, 295 9, 779	2, 519 17, 057	5, 255 15, 875	2, 584 17, 896	1, 100 14, 178	4, 657 739 8, 503	2, 479 3, 106 9, 055	1,444 1,365 10,038	4, 049 3, 474 12, 593	
Japan do	10, 363 470	9, 064 498	8, 555 538	4, 715 423	5, 672 434	5, 297 484	8, 207 455	5, 145 469	5, 603 445	7,114 405	15, 703 480	12, 739 505	
Crude materials thous, of dol	158, 636 77, 338	162,340 91,259	207,959 112,207	128, 838 86, 039	123,587 90,237	133, 699	160,066	159,577	133,402	112, 946	150, 241	149, 331	
Crude foodstuffsdo Manufactured foodstuffs and beveragesdo Semimanufacturesdo	4 10 100	48, 078 101, 145	112, 207 38, 042 95, 669	86, 039 44, 986 90, 925	90, 237 51, 274 93, 739	109, 750 67, 691 95, 472	$61, 185 \\ 53, 962 \\ 103, 494$	55, 603 60, 257 112, 063	55, 129 62, 883 103, 533	60, 586 55, 678 102, 692	85, 483 49, 863 103, 634	91, 501 58, 237 110, 476	
Finished manufacturesdodo	95, 395	88, 021	81, 237	74, 268	75, 647	77, 003	76, 740	81, 839	89, 899	72, 829	91, 088	95, 188	
Manuactured roodstuns and beverages. do Semimanufactures	225,666 43,909	252, 381 50, 433	306, 385 62, 896	227,810 56,849	230,265 54,206	$268, 602 \\ 66, 599 \\ 5077$	$233, 121 \\ 32, 020 \\ 5, 021$	222, 635 25, 064	$192, 613 \\ 31, 727 \\ 000$	$168, 439 \\ 34, 856 \\ 400$	$207,629 \\ 57,172$	226,998 59,818	
Rubber, crude, including guayuledo Silk unmanufactured	11, 595 30, 924 7 10, 241	10, 256 25, 578 7 17, 541	8,655 51,205 5,943	6, 388 32, 388 2, 884	5, 670 19, 992 1, 109	5, 977 23, 937 43	7, 261 47, 837	6, 934 30, 281	8, 993 23, 263	4, 428 17, 113	4, 367 14, 924	6, 152 16, 190	
Sugar	10, 241 15, 413 19, 492	17, 035 17, 111	18,122 22,665	26, 912 17, 697	34, 861 22, 586	50, 780 21, 338	57 34, 311 20, 893	6 42, 595 17, 762	3, 267 42, 811 15, 529	701 37, 386 12, 317	139 26, 502 15, 024	$555 \\ 29,559 \\ 16,323$	

^r Revised.
§See note marked "§" on p. S-20.
*New series. Data beginning March 1945 are in the May 1946 Survey; earlier data will be published later.

Inless otherwise stated, statistics through	194			,				1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Septem- ber	Octo- ber	Novem- ber
		FO	REIGN	TRA	DECo	ontinu	ed						
VALUE§-Continued													
Imports for consumption—Continued. By principal commodities:													
Nonagricultural, totalthous. of dol. Furs and manufacturesdo	240, 893 14, 179	245, 162 24, 662	228, 959 14, 796	197, 292 4, 434	204, 214 6, 648	215, 047 7, 085	222, 327 9, 187	247, 021 14, 450	252,508 11,947	236, 232 5, 576	272,680 18,756	277,735 11,566	
Nonferrous ores and metals, totaldo Copper, including ore and manufactures:	r 25, 899	32, 143	29, 876	27, 568	25, 479	30, 049	35, 789	44, 312	40, 988	45, 133	45, 806	42, 116	
thous. of dol Tin, including oredo Paper base stocksdo	9, 580 4, 217	12,511 2,778	7, 443 3, 762	8, 625 1, 466	9,026 9	8,074 2,410	16, 571 853	21,818 1,272	15, 626 7, 435	17, 369 9, 109	16. 847 13, 913	18,229 7,550	
Newsprintdo Petroleum and productsdo	r 13, 242 26, 318 12, 981	14, 022 25, 916 14, 753	18, 208 23, 763 19, 379	18, 087 21, 004 18, 429	15, 906 25, 987 21, 620	17, 187 27, 048 20, 309	20,521 28,667 21,879	29, 958 30, 423 18, 543	30, 773 30, 988 20, 475	36, 557 27, 747 19, 284	$\begin{array}{r} 25,191 \\ 32,601 \\ 19,708 \end{array}$	26, 995 31, 933 20, 191	
•	!	NSPOR	TATI	DN AN	D CON	/MIIN	ICATI	ONS		<u> </u>			<u> </u>
													<u> </u>
TRANSPORTATION Air Lines			1										
Operations on scheduled air lines:†													
Miles flown, revenue	25,046 16,435	27, 173 24, 021	22,502 12,331	22, 512 12, 615	25, 464 17, 449	25,318 17,235	26, 994 15, 610	26,866 15,722	28, 572 13, 841	28, 883 16, 972	27, 515 19, 948	28, 373	
Express and freight ton-miles flown_thousands. Passengers carried (revenue)do Passenger-miles flown (revenue)do	- 4, 390 - 980 - 465, 015	6, 321 999 503, 478	3, 602 725 376, 339	3, 827 740 368, 017	5, 116 973 488, 019	4, 788 1, 077 519, 516	4, 415 1, 133 556, 589	4, 295 1, 065	* 4, 233 1, 075	4,749 1,253 600,262	5, 555 1, 235	1,195	
Express Operations	- 400,010	000, 110	570, 508	300, 011	400, 017	518, 510	500, 587	538, 377	533, 706	000, 202	599, 683	569, 885	
Operating revenue	28, 327	31, 223 66	25, 838 55	25, 355 79	25, 645 61	$25,112 \\ 50$	$25,082 \\ 64$	24, 398 47	24, 429 ^d 52	24,406	26, 668 17	26, 183	
Local Transit Lines			0.0105	0.0000	0.0057	0.0414	0.0700	0.0500	0.0000		0.1000		
Fares, average, cash ratecents Passengers carried †millions	- 7. 9832 - 7 1, 581	7.9915	8.0165 1,628	8.0220	8. 0275 1, 607	8.0414 1,591	8.0580 1,606	8.0580	8.0829		1, 481	8. 1190 1, 581	8.18
Operating revenues†thous, of dol Class I Steam Railways	116, 500	123, 600	119, 800	108, 700	116, 200	118, 200	120, 100	112, 100	111, 400	111, 300	113, 300	121, 200	
Freight carloadings (A. A. R.): Total carsthousandsthousands	_ 4, 220	3,022	3, 168	3, 179	4, 170	3, 233	4, 376	3, 543	3, 276	4, 560	3,600	3,808	4,4
Coaldodddododddddodddddddddd	_ 712	599 48	759 56	736	917	547 53	922 72	708	495 49	886 70	713	758	9
Forest productsdo Grains and grain productsdo	222	166 207	167 216	195 202	250 265	183 191	233 213	188 200	178 275	248 317	191 210	191 216	$2 \\ 2$
Livestockdodododo	- 117	63 473	68 445	49 461	67 620	54 505	66 593	49 464	46 429		467	91 491	5
Oredo Miscellaneousdo Freight carloadings (Federal Reserve indexes):	240 7 1,976	49 1,416	48 1,409	49 1, 430	69 1, 910	$164 \\ 1,536$	369 1, 909	324 1, 555	343 1, 461		299 1, 592	274 1, 728	2,0
Combined index, unadjusted 1935-39=100.		131 132	138 163	133 149	137 147	134 119	144 155	142 141	140 115			156	1
Coaldodo	. 166	163 163	103	149 182 159	147 182 159	119 169 148	155 183 154	141 170 151	115 165 153	177	178	156 188 155	
Forest products	144	152 118	157	144	146	133	121	143	202 87	175	153	155 152 161	
LivestockdodO_	84	78	74	74	79	80 157	94 76 267	87 73 286	71	73	77	235	1
Miscellaneousdod	154	139 140	139 150	136 142	144 146	145 137	146 142	146 137	145 134	150	157 142	163 146	
Coaltdo Coketdo	117	132 155	163 175	149 171	147 180	119 173	155 185	141 173	115 170	146 184	153	156 192	
Forest productsdo Grains and grain productst do	- 151 147		163 157	166 147	159 159	148 151	148 138	145 140	152 168	162	137	147 152	
Livestock †dodddddodddddddddddddddddddd	136	81	123	110 76	121 78	111 79	104 76	107 74	107 71	73	73	104 75	
Miscellaneous†do			176 152	172 145	171 151	184 147	184 145	184 142	194 143			* 163 149	
Freight-car surplus and shortage, daily average: Car surplustnumber	11, 881	16, 416	3, 584	3, 300 224	2,714	12, 125 120	5, 243	11, 333	30, 651	2, 391	1, 322	942	
Box cars do Coal cars do	10, 013	91 14, 383 24, 418	$ 134 \\ 507 \\ 19,920 $	85 30, 899	50 116 35, 943	9,456 20,150	2,029 27 14,779	5, 904 1, 390 14, 969	613 25, 874	127	0		
Car shortage*	. 23, 444		19, 920 14, 197 5, 200	20, 925	24, 178 10, 713	20, 150 15, 165 4, 583	4, 292	5, 127	15, 697 9, 592	16, 336	17.165	40, 103	16,0
Coal carsdo	ļ	637, 241	685, 541	635, 940	717, 826	689, 456	724, 432	696, 909	5, 331 705, 361			15, 275	
Operating revenues, totalthous. of dol Freightdo Passengerdo	7 522, 888	493, 531 92, 716	551,050 82,450	518, 615 70, 766	592, 186 71, 411	564, 807	591, 687 77, 349	556, 889 84, 787	557, 881	596, 592	593, 089 80, 369	664, 648	625, 2
Operating expensesdodododododo] † 536, 140		538, 968	509, 380	549, 368	543, 301	557, 318	550, 057	555, 362			611, 872	
Net railway operating income	. * 57, 984	^d 15, 581 102, 995	88, 855 57, 718	83, 415 43, 146	95, 676 72, 782	87, 745 58, 410	91, 385 75, 729	86, 651 60, 201	89, 041 60, 958		89, 979 47, 979	105, 860 76, 433	94, 4 65, 5
Net incometdododo	38, 066		28, 822	14, 382	43, 147	32, 580	46, 360	38, 402	37, 025	51, 343	20, 147	48,904	
Operating revenues, totalmil. of dol Freightdo	. 524.3	520.5	698.3 559.0	696.4 564.8	723.0 594.6	684.9 555.8	698.0 565.3	731.0 593.4	682.7 543.5			739.1	
Passengerdodo	89.4 601.2	91.0 523.0	86.0 623.8	78. 4 630. 9	72.2 641.8	72.9 637.4	78.2 633.2	81.9 649.2	85.9 634.5	83.8	80.7	76.7 696.3	
Net railway operating incomedodddodo	61.8	135.1	74.5	65.4 32.7	81.1 48.1	47.6 15.2	64.8 32.1	81.8 48.9	48.2	64.0	35.8	42.8	
Operating results: Freight carried 1 milemil. of ton	54,873	52, 712	57,019	51, 833	59, 485	53, 935	60,009	56, 646	54,664	61, 650	59, 406	64, 592	
Revenue per ton-milecents. Passengers carried 1 milemillions.] 1.007	. 997	1.034	1.079	1.055	1.115 3,489	1.055 3,729	1.043 4,096	1.094 4,413	1.029	1.057	1,089	

Revised. ⁴ Deficit. © Data for November 1946, March, May, August, and November 1947 are for 5 weeks; other months, 4 weeks.
§ Data continue series published in the 1942 Supplement; data for December 1941-February 1945 will be published later. ‡ Revised data for October 1946, \$53,207,000.
* New series. For comparable data beginning 1943 for total car shortage and surplus and an explanation of a change in the latter series, see p. S-21 of December 1944 Survey.
† Revised series. See note in the July 1947 Survey for explanation of revisions in the data for air lines; revised data prior to May 1946 will be published later. Data for local transit lines revenues beginning in the April 1944 Survey and passengers carried beginning in the May 1945 issue are estimated totals for all transit lines; revised data beginning 1936 will be published later. See note marked "*" regarding car surpluses. Revisions for 1939-July 1942 for the indicated indexes of car loadings and revisions for January 1937-February 1943 for the adjusted series for financial operations are available on request.

Unless otherwise stated, statistics through	19	946						1947	1				
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	October	Novem- ber
TRA	NSPO	RTATI	ON AN	ND CO	MMUN	NICAT	IONS-	-Conti	nued	<u> </u>			· · · · · · · · ·
TRANSPORTATION—Continued													
Waterway Traffic													
Clearances, vessels in foreign trade: Total, U. S. portsthous. net tons Foreigndo United Statesdo	6, 843 2, 729 4, 114	5, 768 2, 009 3, 759	6, 222 2, 378 3, 844	6, 296 2, 455 3, 841	6, 870 2, 753 4, 116	7, 615 3, 291 4, 324	9, 646 4, 367 5, 278	8, 725 3, 980 4, 746	8, 953 3, 945 5, 008	9, 991 4, 697 5, 294	9, 196 4, 272 4, 924	9, 153 4, 451 4, 703	
Travel											i		
Hotels: Average sale per occupied roomdollars Rooms occupiedpercent of total Restaurant sales index, avg. same mo. 1929=100	4. 44 90 241	4. 16 84 208	4. 25 90 229	4.37 92 213	4. 37 92 214	4. 86 92 240	4. 46 92 244	4. 75 93 248	4. 70 87 225	5. 16 93 246	5. 07 92 238	5. 14 93 226	5. 28 87 234
Foreign travel: U. S. citizens, arrivalsnumber U. S. citizens, departuresdo	29, 597 31, 178	30, 923 37, 782	$38,660 \\ 37,602 \\ 854$	41, 910 47, 394	50, 633 44, 474	43,345 41,647	35, 873 45, 258	39, 987 45, 320					
Emigrantsdo Immigrantsdo Passports issueddo National parks, visitorsthousands.	3, 090 9, 739 13, 500 118	2, 848 11, 218 14, 186 87	804 14,080 17,989 97	1, 306 11, 118 18, 468 122	$1,648 \\ 13,910 \\ 20,294 \\ 137$	1, 691 13, 391 20, 166 206	$1,833 \\ 14,032 \\ 20,962 \\ 442$	1, 804 14, 733 21, 831 902	19, 611 1, 467	15, 277 1, 502	12, 182 652	13, 402 308	10, 456 131
Pullman Co.: Revenue passenger-milesmillions Passenger revenuesthous. of dol	1, 165 8, 429	1, 149 9, 059	1, 378 10, 214	1, 161 8, 677	1, 180 8, 857	1, 064 8, 094	1, 061 8, 018	1, 215 9, 193	1, 139 8, 558	1, 166 8, 712	1, 104 8, 374	1, 028 8, 924	
COMMUNICATIONS													
Telephone carriers: ¶ Operating revenuesthous. of dol Station revenues	$196, 489 \\107, 775 \\73, 343 \\151, 471 \\22, 504 \\28, 754$	203, 627 110, 477 77, 363 159, 272 23, 878 29, 067	$203, 553 \\111, 649 \\76, 009 \\157, 464 \\20, 455 \\29, 249$	$197,097 \\ 109,982 \\ 71,051 \\ 149,948 \\ 22,068 \\ 29,564$	207, 168 112, 806 78, 111 157, 198 23, 625 29, 874	$153, 955 \\97, 324 \\40, 735 \\132, 475 \\5, 792 \\30, 359$	184, 948 106, 818 61, 629 154, 400 11, 497 30, 057	205, 193 113, 371 75, 477 165, 551 17, 914 30, 292	209, 134 114, 567 77, 993 175, 553 13, 239 30, 553	$\begin{array}{c} 210,070\\ 114,836\\ 78,063\\ 172,006\\ 16,305\\ 30,794 \end{array}$	213, 422 118, 134 77, 929 175, 079 16, 890 31, 058		
Telegraph and cable carriers: Operating revenues, totalthous. of dol Telegraph carriers, totaldo	16, 653 15, 380	17,948 16,553	$17,688\\16,330$	16, 233 14, 984	17, 530 16, 134	$23,264 \\ 21,892$	20, 740 19, 399	18, 981 17, 662	18, 449 17, 019	18, 122 16, 786	18, 366 17, 029		
Telegraph carriers, total	595 1, 273 14, 466 6 <i>d 31</i> 1, 607	$717 \\ 1,395 \\ 15,549 \\ 698 \\ 320 \\ 1,990 \end{cases}$	$599 \\ 1,358 \\ 14,863 \\ 590 \\ 138 \\ 1,714$	$534 \\ 1, 249 \\ 13, 503 \\ 520 \\ 68 \\ 1, 642$	$571 \\ 1, 396 \\ 14, 298 \\ 1, 093 \\ 873 \\ 1, 775$	$534 \\ 1,372 \\ 16,644 \\ 4,399 \\ 2,676 \\ 1,609 \\ $	$\begin{array}{r} 611\\ 1,341\\ 16,387\\ 2,140\\ 1,062\\ 1,637\end{array}$	574 1, 320 15, 347 1, 541 1, 335 1, 617	$599 \\ 1, 430 \\ 16, 010 \\ 291 \\ 41 \\ 1, 609$	$\begin{array}{r} 639 \\ 1, 336 \\ 15, 366 \\ 682 \\ 332 \\ 1, 742 \end{array}$	$\begin{array}{r} 659 \\ 1, 337 \\ 15, 376 \\ 928 \\ 700 \\ 1, 759 \end{array}$		

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS													
Inorganic chemicals, production:*											1		
Ammonia, synthetic anhydrous (100% NH3) o												1	
short tons.	80, 380	82, 123	$85,121 \\ 1.765$	85,663 1,543	95, 859	93,007	97, 107	91,681	93, 345	88, 807	84,617	91, 144	87,615
Calcium arsenate [100% Cas(AsO ₄)2] thous of b	1,330 55,312	$754 \\ 51,830$	1,765	1,543 45,411	1,221 52,466	2,320 51,830	5,492	8,805 48,136	10,458	5,064	3, 107	2,272	2,709
Calcium carbide (100% CaC ₂)short tons Carbon dioxide, liquid, gas and solid (100%	00, 312	51,830	50, 675	40, 411	52,400	51,830	56, 286	48, 130	53, 388	50, 827	47, 177	48, 336	48, 462
CO_2	62,048	56, 787	60.491	49,858	62,449	81.330	96, 487	96, 700	110, 228	107.712	102.410	79, 782	61, 214
Chloring short tons	97, 135	102,628	110.088	101,717	117.039	109.050	118, 284	117,486	114,676	118, 497	116, 451	79,782	117, 270
Chlorineshort tons Hydrochloric acid (100% HCl)do	30, 150	30,714	35, 144	33, 966	36, 993	34,637	36, 899	33,071	33, 577	34, 639	33, 456	36, 355	37. 526
Load arrangeta thous of the	2,865	3,726	4,923	3, 691	4, 481	5, 470	3, 717	1,289	447	01,000	00,100	00,000	51, 520
Nitrie acid (100% HNO ₃) J	63, 277	62,460	64, 138	62, 193	64,647	64, 288	64,826	62,064	60, 227	60, 394	59,900	61, 996	67,996
Oxygen mil. cu. ft	1,006	1,028	1,101	1,010	1,218	1,146	1, 188	1,089	1,066	1,105	1,093	1, 314	1,212
Phosphoric acid (50% H ₃ PO ₄) short tons	82,020	79, 788	78,892	74,926	89,050	82,452	82, 372	89,492	86,920	88, 083	87, 249	7 99, 213	89, 453
Soda ash, ammonia-soda process (98-100% Na ₂												1 '	.,
(((b)) SPORTIONS	368, 302	385, 369	380, 589	350, 634	383,753	367, 847	396, 282	374, 083	377, 976	363, 890	359,004	395, 609	379, 821
Sodium bichromatedo	7, 176	6, 665	6, 979	5, 954	7, 129	7,089	7,474	7,426	7,331	7, 219	7,350	8, 413	7, 527
Sodium bichromate	153, 275	165, 186	173, 449	156,786	179, 400	166, 946	179, 142	175, 896	175, 523	177, 310	170, 122	178, 673	173, 421
Sodium silicate, soluble silicate glass (anhy-		00 170	00 001	07 004	40.100	50 005	00 700	00.01/	00 504				
drous) distance of the second	34, 442	32, 479	39, 991	35, 884	42, 120	50, 267	39, 726	32, 814	36,584	33, 963	34, 667	43, 642	45, 233
Sodium sulfate, Glauber's salt and crude salt cakeshort tons	52, 494	64,878	66, 275	63, 208	70,059	69, 947	74, 505	69, 579	64,996	65,942	65, 414	70, 293	71 945
Sulphuric acid (100% H ₂ SO ₄):	52,494	04,070	00,275	03, 208	10,039	09, 947	14,000	09,019	04,990	00, 942	00,414	10, 293	71, 245
Price, wholesale, 66°, tanks, at works§		1				ł	1					1	
	16.50	16.50	16.50	16.50	16, 50	16, 50	16.50	16.50	16.50	16, 50	16.50	16.50	16.50
dol. per short ton Productionshort tons	838,040	878,078	888, 912	835, 163	931, 237	865, 447	888, 304	850, 934	846, 366	859, 262	851,733	r 893, 171	880,068
Organic chemicals:	,		, , , , , , , , , , , , , , , , , , , ,		,			,		,	,	,	
Acetic acid (syn. and natural), production* thous. of lb											1		
thous. of lb	27, 718	31,725	35, 152	30, 670	33,620	30, 376	33, 876	31, 729	35,897	35, 365	7 28, 606	29, 560	
Acetic anhydride, production*do	45, 033	48, 703	49, 157	45,662	54, 206	53,086	54, 249	41, 433	* 53, 627	* 53, 478	7 50, 308	55, 071	
Acetyl salicylic acid (aspirin), production*_do	1,010	965	925	1,024	832	1,043	1,053	1, 155	998	1, 126	1, 083	1,092	
Alcohol, denatured.	19,805	17, 416	15,015	12, 361	12,673	13,464	14,095	13, 687	15,061	16.426	18,718	21,820	19,026
Consumption (withdrawals)_thous. of wine gal_ Productiondododo	19,805	17, 410	15,015	12,301 11,573	12,073 12,777	13,464 13,667	14,095	14, 150	14, 605	16, 420	18,610	21, 820	19,020
Stocksdo	2,606	2, 200	2, 216	1, 423	1, 521	1,712	1, 531	1, 981	1,529	1, 560	10,010	1, 354	943
Alcohol ethyl:	2,000	2,200	2, 210	1, 120	1,021	1,114	1,001	1,001	1,040	1,000	1, 747	1,001	340
Productionthous. of proof galdo	18.097	20,471	22.399	18, 416	19,455	23, 556	27,982	23,793	26,833	29, 226	29,906	39,012	28,472
Stocks, total	42, 392	32,861	30, 215	30,676	28, 214	26,150	29, 258	27,016	27, 764	28,637	24,409	26,634	22, 787
In industrial alcohol bonded warehousesdo	26.792	25,807	22,927	21,294	21,992	24,089	27,452	25,323	25,699	26, 928	22,894	25,938	22,170
In denaturing plantsdo Withdrawn for denaturingdo	15,600	7,054	7,288	9, 381	6,222	2,061	1,807	1,694	2,065	1, 709	1, 514	697	618
Withdrawn for denaturingdo	36, 086	31, 232	27,775	21,409	23,622	25, 227	25, 743	26,065	27,359	30, 303	34, 101	34, 590	29, 979
Withdrawn tax-paid do dododdo do do do do do do_	5, 202	3, 975	4,350	3, 260	3,175	2,555	2,170	2, 377	2,768	2, 696	3, 201	4,275	4, 630
Creosote oil, production*thous. of gal	13,027	13,481	14,038	14, 580	14,696	14,271	13, 454	12,779	11, 581	11, 988	13, 407	13,944	
Cresylic acid, refined, production*thous. of lb	2,100	1,817	2,094	2,142	2.234	2, 436	2,196	1,909	2, 329	2,357	1,697	2,403	
Ethyl acetate (85%) production*do	10, 170	9,602	10, 185	7,084	7,902	5, 984	6,088	6, 826	5, 822	5, 899	6, 785	7,181	l

Revised. 4Deficit. 1Data relate to continental United States. (Compiled on a new basis beginning 1943: see April 1944 States. Compiled on a new basis beginning 1943: see April 1944 States. (Compiled on a new basis beginning 1943: see April 1944 States. (Compiled on a new basis beginning 1943: see April 1944 States. (Compiled on a new basis beginning 1943: see April 1944 States. (Compiled on a new basis beginning 1943: see April 1944 States. (Compiled on a new basis beginning 1943: see April 1945 States. (Compiled on a new basis beginning 1943: see April 1945 States. (Compiled on a new basis beginning 1943: see April 1945 States. (Compiled on a new basis beginning 1943: see April 1945 States. (Compiled on a new basis beginning 1943: see April 1945 States. (Compiled on a new basis beginning 1943: see April 1945 States. (Compiled on a new basis beginning 1945 States. (Compiled on a new basis beginning 1945 States.) (Compiled on a new basis beginning 1945 States. (Compiled on a new basis beginning 1945 States.) (Compiled on a new basis beginning 1941 or 1942 (States and the 1942 Supplement; unpublished data beginning 1941 or 1942 (States and the 1945 for ethyl alcohol and vessel clearances and for June 1944-July 1946 for prices of sulfuric acid will be shown later. (New series.) See note marked (""") on p. S-23 of the September 1947 Survey for reference to data prior to 1943 for a number of the chemical series and information regarding revisions that have not been published.

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	Octo- ber	Novem- ber
	CHEMI	CALS	AND .	ALLIE	D PRO	DUCT	'SCoı	ntinue	d				
CHEMICALS-Continued]												
Organic chemicals—Continued. Glycerin, refined (100% basis):*	ł												
High gravity and yellow distilled: Consumptionthous. of lb Productiondo	5, 319	5, 965	7,022 7,386	6, 800	7, 407	8, 127	7, 428	6, 617	6, 509	6, 761	7,032	8,146	7,633
Stocksdo	5, 984 12, 663	7, 431 15, 310	7, 386 14, 102	8, 234 15, 340	8, 746 17, 544	7, 651 18, 135	6, 606 19, 151	6, 965 19, 843	5, 483 18, 848	7, 250 18, 869	8, 812 19, 146	8, 292 17, 665	7, 560 16, 061
Chemically pure: Consumptiondo Productiondo	5, 458 5, 073	5, 811 6, 042	$6,963 \\7,662$	6, 138 8, 573	6, 555 8, 450	6, 139 8, 531	5, 957 9, 181	5, 871 7, 980	5,650 6,200	6, 358 7, 998	6, 754 7, 957	7,770 9,357	7,067
Stocksdodo	18, 333	17, 979	17, 941	18, 106	18, 875	19, 137	20, 789	20, 723	20, 171	20, 396	19,493	18, 289	17, 709
Crude (80%)thous. of gal Synthetic (100%)dodo	250 6,674	221 6, 505	$276 \\ 7,145$	230 6, 681	244 6, 991	284 6, 206	286 6, 830	$221 \\ 6,551$	$220 \\ 6,779$	253 6,708	249 6, 564	290 7,065	293
Phthalic anhydride, production*thous. of lb	11,246	10, 994	11, 687	10, 847	11,690	9, 605	10, 526	11, 764	12, 871	12, 396	11, 800	12, 529	
FERTILIZERS Consumption, total*thous. of short tons	529	928	1, 459	1, 225	1,120	954	644	340	417	434	520	536	667
Midwest States*dodo	82 448	195 734	239 1, 220	1,223 182 1,042	160 960	166 788	138 505	80 260	207 209	156 278	158 362	121 415	191 476
Exports, totalslong tons	83, 544 3, 430	104, 336 5, 577	89, 474 10, 854	98, 945 21, 616	92, 213 20, 851	132, 895 30, 226	141, 788 36, 037	112,792 10,926	115,867 22,575	125,303 9,284	112,559 6,280	104, 740 16, 682	
Phosphate materials§do Prepared fertilizers§do	70, 254 2, 125	83,752 4,720	64, 147 1, 914	66, 401 2, 448	58,802 1,449	89, 765 987	94, 580 636	85, 138 2, 718	81,082 1,661	103, 928 874	94, 054 1, 659	79, 858 617	
Imports, total§dodo	64, 434 55, 712 23, 141	$\begin{array}{c} 39,928 \\ 25,096 \\ 1,327 \end{array}$	50, 020 40, 728 10, 029	51,943 40,851 9,358	$116, 166 \\ 103, 704 \\ 65, 886$	$145,266 \\ 117,102 \\ 71,738$	$138,060 \\ 108,988 \\ 80,555$	117,760 107,484	82, 474 75, 912	93, 649 85, 337 41, 737	76, 591 67, 166 16, 959	92, 214 73, 015 30, 623	
Phosphates§do	3,446	6, 835 18	404	3, 759	3, 579 897	4, 346 13, 301	4, 696 11, 250	80, 786 4, 482 0	41,623 38 2,232	4,330	10, 535 3, 777 0	12,617	
Nitrogenous\$ do Phosphate materials\$ do Prepared fertilizers\$ do Imports, total\$ do Nitrogenous, total\$ do Nitrogenous, total\$ do Nitrate of soda\$ do Phosphates\$ do Price, wholesale, nitrate of soda, crude, f. o. b. cars, port warehousesO dol. per 100 lb. Potash doliveries short tons	1,925	1.925	2, 045	2.075	2,075	2.075	2,075	2.075	2.075	2, 195	2. 275	2.275	2.275
Superphoenbate (hulk).	,	81,044	98, 555	77, 839	95, 229	84, 207	73, 802	83, 121	73, 708	83, 848	75, 764		
Productiondod	750, 940 736, 357	783, 275 796, 677	830, 752 815, 611	824, 578 750, 550	888, 875 645, 412	863, 787 608, 409	892, 045 681, 235	802, 128 855, 352	801, 835 903, 380	797, 273 866, 919	808, 503 847, 495	7 887, 205 7 858, 655	862, 662 933, 655
NAVAL STORES											1		
Rosin (gum and wood): Price, gum, wholesale "H" (Sav.), bulk							.						
dol. per 100 lb Production*drums (520 lb.).	7.83	$8.07 \\ 462.007$	8.68		9.65 351,875	9.24	7.34	7.58 527,335	6.83	6.76	7. 10 572, 233	8.46	
dl. per 100 lb Stocks [*] dd. per 200 lb Turpentine (gum and wood): Prior entry wholesale (Sarannab) ⁺ , dd. per cell	1 20	398, 102 1. 24	1. 21	1.15	222, 701 1.00	. 85	. 59	243, 086	. 59	. 59	284, 840	. 62	.64
Price, gum, wholesale (Savannah)†dol. per gal Production*		143,055 101,295			113, 520 98, 205			. 61 176, 089 147, 693		. 09	189, 689 194, 111	.04	
MISCELLANEOUS		101,100			,			111,000			,		
Explosives (industrial), shipmentsthous. of lb	45, 300	45, 147	47,092	45,017	46, 444	46, 038	51, 296	51, 048	47, 134	53, 275	55, 787	59, 434	52, 365
Gelatin:§ Production, total*do Edible§do	3, 311 2, 055	3, 656 2, 259	3, 858 2, 508	$3,793 \\ 2,407$	3, 954 2, 237	3, 700 2, 405	4,117 3,028	3, 847 2, 901	3, 159 2, 313	3, 393 2, 762	$3,116 \\ 2,420$	4,017 3,077	4,290 3,277
Stocks, total*dodo	2,030 3,999 1,824	4, 857 2, 299	5, 548 2, 878	5, 789 2, 866	6,078 2,988	6, 369 2, 922	6, 488 3, 059	2, 901 6, 374 2, 787	6, 338 2, 453	6, 042 2, 430	5, 961 2, 356	5, 431 2, 400	5, 739
Sulfur:* long tons	355, 179	351.028	321, 415	298, 565	350, 307	333, 531	377, 218	359, 313	382, 674	391, 396	406, 964	425, 612	405, 205
Stocksdo	3, 874, 808	1					3, 495, 011	(· ·			3, 449, 732		1
Productionthous. of lbdo Stocksdo	12, 214 10, 633	11, 780 10, 616	13, 939 10, 272	12, 886 9, 398	12, 538 9, 059	14, 226 9, 155	13, 770 8, 643	12, 843 8, 950	12, 158 8, 757	11, 424 7, 749	12,003 7,882	14,666 8,392	13, 636 9, 509
Productionshort tons_ Stocksdo	955 1,625	956 1,349	1,023 1,565	928 1,463	1,069 1,456	596 959	847 979	1,040 1,021	1,048 1,008	1,065 1,030	1,085 1,079	1,085 1,375	848 1, 180
OIL SEEDS, OILS, FATS AND BYPRODUCTS								_,		,			
Animal, including fish oil:													
Animal fats: Consumption, factorythous. of lb. Productiondo	97, 631 267, 279	116, 297 243, 908	129,026 303,997	140,495 262,265	144,102 221,840	119, 584 230, 470	105, 542 262, 265	105, 301 255, 713	99, 329 238, 814	127, 228 208, 609	134, 765 189, 544	r 155, 630 r 226, 266	134, 391 279, 792
Productiondo Stocks, end of monthdo Greases:1	181, 313	231, 839	307, 623	307, 692	286, 602	339, 877	389, 074	428, 604	444, 602	400, 170	320, 801	* 250, 588	258, 425
Consumption, factory	39, 182 46, 282	44,996	48, 688 52, 591	45,730	45, 864 44, 586	42, 572 46, 735	43, 939 48, 613	41, 226 48, 260	37, 746 46, 611	43,658	49,913 40,154	55,182 • 47,402	50,604
Fish oils:	63, 018 18, 976	64, 820 18, 374	72, 871 18, 509	67.138 18,772	64, 305 20, 290	69, 983 20, 365	84, 829 14, 135	98,827	101, 964 11, 475	106, 382	98, 924 20, 148	r 97, 555 22, 929	96, 111 22, 944
Consumption, factorydo Productiondo Stocks, end of monthdo	10,812 114,682	7,867 117,410	18, 509 1, 646 107, 320	18,772 1,260 102,400	20, 290 777 79, 211	20, 365 1, 577 66, 335	14, 135 1, 301 57, 728	16, 478 10, 927 59, 041	11, 475 21, 739 65, 152	21, 100 86, 445	20, 148 22, 706 85, 999	19,889	6,852
Vegetable oils, total: Consumption, crude, factory ‡mil. of lb.	416	418	431	412	417	395	333	294	297	294	329	432	437
Exports§thous. of lb_ Imports, total§do	33, 973	14, 561 51, 817	27,090 31,942	5, 634 46, 545	7,011 32,697	7, 291 36, 677	13,643 54,057	25,855 52,306	14, 538 26, 669	16,148	23, 284	19, 105 5, 462	
Paint oils§dododo	1 12.861	41, 904 9, 913	27, 274 4, 668	31, 314 15, 231	21,737 10,960	28, 343 8, 333	43, 672 10, 385	37,754 14,553	18, 208 8, 461	2, 121 8, 623 248	3, 921 15, 185 330	2,801 2,661 7468	481
Productiontmil. of lb_ Stocks, end of month:t Crudedo	409	403 538	443 532	392 547	382 552	356 551	313 571	283 573	278 566	489	458	r 408	481
Refineddo	247	262		304	311	353	392	385	359		243	207	210

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	October	Novem- ber
	CHEMI	CALS	AND	ALLIE	D PRC	DUCT	S—Coi	ntinue	d				
OIL SEEDS, OILS, FATS, AND BYPRODUCTS-Continued													
Copra: Consumption, factory §	15, 949	46, 765	56,069	51, 352	59, 163	59, 214	53, 347	52, 368	45, 330	40, 731	41,828	• 47, 148	48, 821
Consumption, factory §short tonsdo Imports §dodo Stocks, end of month §dodo	43, 495 33, 074	93, 768 60, 299	74, 963 89, 781	51, 285 71, 902	72, 319 72, 777	61, 925 77, 541	61, 004 59, 714	51, 346 44, 320	18, 644 42, 300	31, 340 26, 861	48, 297 23, 871	53, 485 22, 984	25, 945
Congumption fostawy:t	38, 611	44, 793	62, 871	64, 270	74, 349	72, 406	70, 349	61, 636	62,008	69,608	72, 257	7 79, 656	72, 862
Crudethous, of lb Refineddo Importsdo Production:	17,262 380	16, 397 0	26, 648 1, 088	29,822 1,822	31, 217 5, 549	31, 057 813	29, 103 2, 394	27, 664 3, 225	$23,784 \\ 1,767$	32, 977 866	30, 174 (¹)	29,828	26, 618
Production: Crude	18,827 16,305	58, 100 19, 581	68, 683 30, 909	63, 024 32, 749	73, 902 36, 581	74, 043 35, 720	68, 398 33, 020	66,074 28,611	57, 902 30, 466	51, 902 34, 228	53, 609 33, 498	* 61, 103 35, 388	62, 287 35, 088
Stocks, end of month: Crude	77, 836	92, 456	87,005	97, 177	115, 722	130, 011	138, 489	134, 949	127,927	105, 978	89, 363	r 69, 578	59, 669
Cottonseeu:	9, 585 523	9,885 400	12, 376 417	13, 935 294	13, 228 212	14, 267 162	19, 088 104	12, 998 69	14, 412 74	10, 737	11, 194	10, 998 647	9, 213
Consumption (crush)thous. of short tons_ Receipts at millsdo Stocks at mills, end of monthdo	704 1,098	338 1,035	149 767	95 568	43 399	19 256	104	14 108	65 100	102 167 163	345 776 594	1, 509	596 654 1,515
Cottonseed cake and meal: Productionshort tonsStocks at mills, end of monthdo	231, 757	177, 251	183, 468	129, 919	93, 077	69, 749	45, 879	30, 477	33, 980	47,068	156,076	301, 370	276, 451
	81, 598 164, 139	120, 182 125, 387	160, 033 130, 986	159, 724 92, 140	128, 193 68, 382	127, 171 52, 743	117, 052 34, 925	87, 958 23, 341	46, 941 24, 212	26, 416 31, 109	37,844	62, 121 197, 834	71, 590
Productionthous. of lbtous. Stocks, end of monthdo	105, 029	97, 569	100, 330	88, 171	72, 546	48, 039	33, 979	19, 990	15, 191	19, 209	104, 348 57, 307	95, 356	112, 684
Cottonseed oil, refined: Consumption, factory tdo In oleomargarinedo Price, wholesale, summer, yellow, prime (N. Y.) dol. per lb Productionthous, of lb Stocks, end of monthdo	129, 156 27, 101	114, 866 25, 279	108, 240 30, 116	81,664 28,008	73, 351 24, 474	53, 077 14, 485	35, 140 12, 981	44, 687 16, 407	56, 312 19, 906	74, 243 20, 115	74, 751 27, 891	119, 107 41, 554	129, 166
Price, wholesale, summer, yellow, prime (N. 1.) dol. per lb Broduction thous of lb	. 262	.280 123,070	. 302 113, 694	. 350 106, 518	. 389 80, 781	. 314 74, 345	. 256 45, 388	. 241 35, 517	. 234 26, 410	.179 24,913	. 224 56, 852	. 237	. 276
Stocks, end of monthdo	169, 651	170, 112	170, 988	185, 390	191, 688	211, 855	217, 849	204, 106	171, 094	116, 709	92, 081	107, 882	133, 196
Imports§thous. of buthous. of bu	48	20	12 27	14 40	18 35	19 7	17	77	106	17	0	0	
Bipmentsdo Shipmentsdo	1, 938 1, 396 1, 194	211 1,077 327	27 2 307	69 303	69 270	39 238	10 83 145	74 78	72 8	12 0 20	1, 435 436	2, 733 1, 053 2, 699	911 1, 147 2, 463
		750	479	182	311	532	257	128	99	2, 125	1, 019 8, 425	4,928	1,904
Receiptsdo Shipmentsdo Stocksdo	1, 941 3, 905	73 3, 889	257 3, 513	146 2, 896	190 2, 280	345 1, 615	87 1, 162	$202 \\ 516$	82 296	270 453	1, 142 5, 004	530 6, 434	274 6, 305
Oil mills: Consumptiondo	2, 271 2, 880	1,807 3,468	1, 790 2, 024	1, 545 1, 415	$1,636 \\ 1,079$	1, 560 980	1, 335 855	1,687 1,457	1,641 1,892	1, 325 2, 526	2, 410 5, 720	3, 051 6, 789	3, 174 6, 893
Price, wholesale, No. 1 (Minneapolis) doi. per Du- Production (crop estimate)	7.26	7, 27 3 22, 585	7.25	(2)	8. 51	7.50	6. 30	6.12	6.02	6.00	6. 39	6.78	6. 84 4 39, 763
Linseed cake and meal: Shipments from Minneapolisthous. of lb Linseed oil:	37, 200	34, 080	33, 960	24, 420	28, 740	30, 720	26, 760	26, 160	29, 580	18, 540	45, 360	51, 480	49, 500
Consumption, factorytdodoprice, wholesale (N. Y.)dol. per lb Productiontthous. of lb	41,762	40, 960 . 358	44, 978 . 366	41, 575 . 378	45, 174 . 395	47, 453 . 394	45, 094 . 376	38, 716 . 325	40, 030 . 302	39, 834 . 291	40, 865 . 303 48, 030	44,820 .318 59,564	36, 508 324 61, 592
Production tthous. of lb Shipments from Minneapolisdo Stocks at factory, end of monthtdo	44,489 27,840	35,302 21,720	34, 823 20, 460	30, 499 19, 380	31,401 23,460	28, 850 25, 380	25,064 19,620	32,057 13,620	32, 250 14, 880	26, 527 21, 240	27, 240 118, 443	33, 840 * 127, 444	29, 580 124, 541
Soybeans:	135, 698	152, 782 15, 655	140, 898 17, 115	136, 681 15, 983	125, 060 16, 490	131, 769 15, 914	134, 627 15, 006	144, 544 13, 356	157, 724 13, 613	132, 682 11, 284	9, 733	r 11, 439	14, 589
Production (crop estimate)dodododo		³ 201, 275 59, 610	56, 104	52, 338	41, 977	41, 680	37, 147	28,004	19, 124	10, 248	2, 775	r 34, 624	4 181, 362 48, 187
Soybean oil: Consumption, factory, refined thous. of lb_ Price, wholesale, edible (N. Y.) ddol. per lb_		96, 434	107, 954	104, 827	113, 782	101, 229 . 351	71, 687 . 268	75, 842 . 244	82, 261 . 227	98,077	109,838	141,963 r.264	119, 523 . 312
Crude thous, of lb	134,664	. 320 137, 121	151, 554	. 345	. 4 61 145, 013	141, 456	135, 889	122, 436	125,706	. 209	91, 358	r 107, 170	133, 231
Refineddodo	119, 536	121, 729	126, 298	120, 867	121, 389	115, 877	92, 605	83, 890	98, 720	91, 251	89, 400 79, 583	88, 413 r 80, 496	97, 345
Crude	107, 565 52, 406	98, 442 61, 565	97, 712 70, 131	97, 226 76, 995	94, 053 73, 993	89, 302 91, 327	108, 829 114, 604	122, 760 128, 141	125,686 141,671	105, 941 140, 430	124, 043	* 76, 800	59, 319
Consumption (tax-paid withdrawals)do Price, wholesale, standard, uncolored, (Chicago)	56, 550	57, 680	66, 262	66, 470	66, 626	39, 376	36, 493	39, 649	47, 448	47, 251	67, 771	82, 894 . 362	. 385
dol. per lb_ Productiontthous, of lb_		. 412 59, 771	. 393 67, 946	. 394 67, 755	. 424 69, 914	. 420 46, 716	. 354 37, 730	. 330 41, 400	. 332 48, 897	. 330 50, 041	.340 67,422	87,005	. 000
Shortenings and compounds: Productiondo Stocks, end of monthdo	157, 146 41, 121	139, 685 41, 234	131, 754 51, 391	129, 315 48, 311	138, 551 51, 184	99, 867 66, 178	63, 151 49, 995	78, 853 63, 094	79, 921 47, 086	98, 978 45, 803	117, 858 36, 393	159, 623 41, 887	145, 979 45, 051
PAINT SALES	-,	,		,,	,		,,	,	,	,			
Calcimines, plastic-texture and cold-water paints: Calciminesthous. of dol.	64	101	93	80	102	75	90	82	82	71	79		
Plastic-texture paintsdo	. 146	186	254	89 227	292	75 235	227	82 230	198	259	203	209 427	
In dry formdo	420 371 70 124	329 286 72 529	403 307	352 329	422 348 02 111	419 334 00 516	$407 \\ 312 \\ 00 586$	449 355 92, 643	460 389 86 806	385 315 84, 991	439 235 86, 299	427 316 91, 529	
Paint, varnish, lacquer, and fillers, totaldo Classified, totaldo Industrialdo	70, 136 62, 483 27, 374	73, 538 66, 131 30, 342	83, 788 74, 210 32, 405	81, 632 73, 273 29, 928	92, 111 82, 017 32, 540	99, 516 89, 296 34, 338	99, 586 88, 755 32, 631	92, 643 82, 985 31, 754	86, 806 77, 891 30, 035	76, 944 31, 073	76,649 31,607	82,476 34,958	
Tradedo Unclassifieddodo	35, 109	35, 789 7, 407	41, 804 9, 578	43, 345 8, 358	49, 477 10, 094	54, 959 10, 220	56, 125 10, 831	51, 232 9, 658	47, 856 8, 915	45, 872 8, 047	45,042 9,650	47, 518 9, 053	

Revised. ¹Less than 500 pounds. ¹No sales. ³No sales. ³No sales. ⁴December 1 estimate.
 ⁴December 1 estimate.
 ⁵Data continue series published in the 1942 Supplement; unpublished data through February 1945 for the indicated series will be shown later.
 ⁴See note marked "§", on p. S-25 of the September 1947 Survey for reference to July 1941-June 1946 revisions for oleomargarine. Small or scattered revisions for 1941-August 1946 for the other indicated series will be published later.
 ⁶Other indicated series will be published later. Complete revisions for 1946 for total vegetable oils are not yet available; revisions for the selected individual series shown above have therefore not been carried into the totals. Revised data for fish oils are available on a quarterly basis only.
 ⁶This series, compiled by the U. S. Department of Labor, replaces the series for refined oil shown in the 1942 Supplement; earlier data will be published later.
 ⁶Data 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.

Unless otherwise stated, statistics through	1	946						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	Octo- ber	Novem- ber
	CHEMI	CALS	AND A	ALLIE	D PRO	DUCT	S—Con	tinue	1				
PLASTIC PRODUCTS													
Sbipments and consumption: Cellulose acetate and mixed ester plastics: Source in the source	1, 073 5, 984 1, 233 810 16, 703 6, 056 7, 216 15, 130 8, 289	$\begin{array}{c} 1, 691 \\ 7, 951 \\ 1, 506 \\ 889 \\ 20, 500 \\ 5, 768 \\ 8, 092 \\ 15, 387 \\ 7, 543 \end{array}$	1, 920 7, 657 585 26, 981 6, 024 7, 432 17, 332 8, 190	1, 481 7, 081 1, 319 451 23, 416 6, 658 6, 964 13, 623 7, 809	1, 610 6, 461 1, 229 318 26, 797 6, 401 6, 561 16, 998 8, 000	$\begin{array}{c} 1,762\\ 5,357\\ 1,329\\ 331\\ 26,285\\ 6,285\\ 7,096\\ 16,316\\ 8,275\\ \end{array}$	1, 689 4, 317 1, 052 (1) 27, 410 6, 102 6, 854 13, 126 6, 435	1, 682 3, 735 931 (1) 27, 767 5, 645 5, 955 11, 546 5, 891	1,4102,779892(1)25,9495,5365,68811,5735,819	1, 479 3, 404 903 (1) 26, 000 5, 462 7, 075 12, 917 5, 567	1, 284 4, 153 921 (1) 27, 262 5, 723 8, 381 15, 125 8, 032	1, 799 5, 105 1, 040 (¹) 28, 129 6, 720 10, 931 18, 040 r 7, 388	4, 66 83 (1) 25, 71 5, 99 10, 59 16, 83
		EL	ECTR	IC PO	WER A	ND G	AS						
ELECTRIC POWER	1								<u> </u>	1			
Production (utility and industrial), total*	- 02, 071	r 24, 876	25, 957	23, 698	25, 544	24,652	25,009	24, 469	24,938	07 000	05 004	00 740	00.10
mil. of kwhr. Industrial establishments*do	<pre> 7 4 001</pre>	4,028 3,672	20, 957 4, 321 3, 896	23, 098 4, 083 3, 683	25, 544 4, 298 3, 843	24, 052 4, 148 3, 711		4, 225	24, 938 4, 156 3, 772	4, 225	4.153	26, 748 4, 410 4, 063	26, 180 4, 333 3, 950
By fuels*do	319 19,950	356	425 21, 636	399 19, 616	455	437 20, 504	3, 805 424 20, 776	3,825 400 20,244	383 20, 782	1 333	295	4,003 348 22,338	38
By fuelst	19,950	r 14, 271	14, 500 7, 136	13.261	13, 981 7, 265	13, 216	13, 387 7, 389	13, 451 6, 793	14, 236 6, 546	15,690	15,875	22, 558 16, 846 5, 492	15,76
By water powertdo Privately and municipally owned utilities	6, 280		18. 545	16, 833	18, 266	17. 661	17, 801	17, 414					
Privately and municipally owned utilities do do Sales to ultimate customers, total (Edison Electric Institute) (- 7 17, 115 - 7 2, 835		3, 092	2,783	2, 980	2, 843	2, 975	2, 829	17, 847 2, 935	18, 733 3, 011	2, 851	19, 540 2, 798	
Institute)¶mil. of kwhr	16, 933	17, 450	18, 302	17, 783	17, 772	17,665	17,610	17, 546	17,308	18,099	18, 496		
Residential of domestic	- 3, 414 - 328	3, 739 302	4, 149 291	3, 960 295	3, 727 320	3, 572 421	3, 437 514	3, 369 558	3, 307 606	3, 332 681	3, 512 607		
Commercial and industrial: Small light and power do Large light and power do Street and highway lighting do Other public authorities do Rallways and railroads do Interdepartmental do Revenue from sales to ultimate customers (Edison Electric Institute) thous, of dol	2, 944		3, 175	3, 142	3, 026	3,070	2, 994	3,060	3, 123				_
Large light and power Street and highway lighting	- 8,908	236	9, 219 233	204	9, 285 200	9, 264 178	9, 375 165	9,356 154	9,068 160	9,601 175			
Other public authorities do	460		511 674	506 643	491 673	494 618	475 604	475 531	459 538	483	490		
Interdepartmental¶do	49	55	51	46	50	46	46	44	45				
Electric Institute)thous. of dol.	300, 599	311, 020	326, 460	320, 174	313, 074	310, 762	310, 025	309, 631	305, 855	315, 590	325, 639		
GAS†													
Manufactured and mixed gas (quarterly):		11, 411			11, 224		1	11,258		1	11,058		
Maintactured and mixed gas (quarter totalhousands, Residential (incl. house-heating)do Industrial and commercialdo Sales to consumers, totalmil. of cu, ft Residentialdo Industrial and commercialdo Revenue from sales to consumers, total Revenue from sales to consumers, total		10, 687			10, 502			10,536			10,350		
Sales to consumers, total		714			198, 580			713 151, 485		-	700		
Residential do		98, 474 46, 171			139,476			100, 881 49, 273			66, 906 40, 635		
Revenue from sales to consumers, total						1					1		
Residential (incl. house-heating)		97,743			159, 188 119, 318			135, 259 100, 682			108, 519 80, 130		-
Industrial and commercial		- 31,345		-	. 38, 714		1	33, 719			27, 796		•
Customers, end of quarter, totalthousands Residential (incl. house-heating)do Industrial and commercialdo Sales to consumers, totalmil. of cu. ft. Residential (incl. house-heating)do	· - 	- 9,478 - 8,812			9, 739 8, 999			9,772 9,051		-	10,107		
Industrial and commercial		661			734			9,051		-	9, 392 708		
Sales to consumers, totalmil. of cu. ft. Residential (incl. house-heating)		573, 015 161, 021			728, 393 297, 553			596,470 161,527			521,774		
Industrial and commercial		400, 202	1		422.052			428, 608 197, 743			_ 439,602		
Revenue from sales to consumers, total_thous.of dol. Residential (incl. house-heating)do Industrial and commercialdo		188, 587 101, 256	[. 171, (35			104,348			_ 59,770		
Industrial and commercialdo		- 85, 289		· - · · • • • • •	. £6,757		-	92,106			. 89, 584		

FOODSTUFFS AND TOBACCO

							7						
ALCOHOLIC BEVERAGES													(
Fermented malt liquors:† Productionthous. of bbl Tax-paid withdrawalsdo	6, 611 6, 525	7, 219 6, 541	6, 917 5, 985	5, 761 5, 54 4	6, 836 6, 277	7, 435 7, 029	7, 985 7, 512	8, 342 7, 939	9, 044 8, 776	8, 833 8, 842	8, 738 8, 369	9,064	6, 650
Stocks, end of monthdo Distilled spirits:	8, 169	8, 547	9, 140	9,067	9, 326	9, 399	9, 531	9, 565	9, 453	8, 842 9, 050	9, 021	8, 303 9, 414	6, 126 9, 647
Apparent consumption for beverage purposest thous. of wine gal.	19, 933	19, 739	14, 871	13, 455	13, 730	11, 974	12, 173	11, 392	12, 283	12, 378	14, 216	23, 893	
Imports§thous. of proof gal Production†thous. of tax gal Tax-paid withdrawals†do	$1, 447 \\21, 511 \\12, 792$	1,219 31,681 12,156	725 38, 495 12, 511	817 34, 702 10, 073	791 32, 747 9, 806	751 27, 568 8, 647	$1,125 \\ 21,854 \\ 6,130$	1,071 16,429 6,039	834 13, 726 5, 650	797 14, 187 7, 171	$1, 173 \\ 22, 218 \\ 8, 639$	1, 414 39, 559 16, 497	7,735
Stocks, end of month †dodo	419, 345	433, 137	454, 426	473, 163	491, 965	506, 015	518, 459	525, 828	529, 523	533, 051	537, 471	542, 907	527, 337
Imports§thous. of proof gal Production†thous. of tax gal	1, 033 7, 836	873 19, 792	582 24, 674	713 21, 434	708 19, 272	712 17, 201	1, 071 14, 143	1,002 9,932	793 7, 197	757 7, 229	1, 102 9, 790	1, 310 9, 732	56
Tax-paid withdrawals†do Stocks end of month†do	6, 435 380, 551	5, 782 391, 597	5, 860 408, 896	4, 635 423, 844	4, 559 437, 614	4, 442 449, 335	3, 185 459, 217	3,280 464,825	2, 975 468, 432	3, 372 471, 273	4, 258 474, 956	7, 770 474, 507	7, 819 463, 407

January 1948

SURVEY OF CURRENT BUSINESS

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	October	Novem- ber
	FO	ODST	UFFS	AND 7	OBAC	со—с	ontinu	ıed					
ALCOHOLIC BEVERAGES—Continued												(
Rectified distilled spirits, production, total† thous. of proof gal	15, 155	14,045	13, 837	11, 144	10, 648	9, 349	6, 706	7,021	7, 831	8,083	9, 689	16, 480	17, 593
Whiskydodo Wines and distilling materials: Sparkling wines:	13, 527	12, 300	12, 528	10, 139 7	9, 621	8, 673	6, 154	6, 522	7,012	7, 522	8, 965	15, 126	16, 254
Imports	85 184 235 1, 326	84 192 181 1, 315	192 68 1, 429	152 49 1, 522	226 75 1, 665	221 51 1, 826	$13 \\ 130 \\ 62 \\ 1,882$	146 44 1, 975	9 74 51 1,990	9 48 64 1, 964	21 36 84 1, 911	28 29 155 1,774	
Still wines:do Imports§dodo Tax-paid withdrawals†do Stocks, end of month tdo Distilling materials produced at wineries⊙_do	$\begin{array}{r} 470\\ 20,900\\ 11,563\\ 216,776\\ 56,726\end{array}$	331 3, 639 9, 883 205, 408 9, 968	255 1, 099 7, 400 197, 314 1, 743	232 862 5, 577 190, 143 1, 303	265 535 6, 629 181, 179 3, 279	171 466 5, 960 174, 584 1, 580	172 390 5, 682 168, 710 1, 040	129 309 6, 249 160, 211 661	99 383 6,627 152,534 1,867	117 2, 479 6, 680 146, 660 7, 948	194 31, 575 8, 180 171, 239 49, 423	175 53, 331 11, 431 215, 860 96, 627	
DAIRY PRODUCTS													
Butter, creamery: Price, wholesale, 92-score (N. Y.)‡dol. per lb Production (factory)†thous. of lb Stocks, cold storage, end of montho [*] do	. 816 82, 392 41, 477	. 822 89, 160 27, 874	. 666 97, 540 18, 224	. 709 91, 815 9, 988	. 696 110, 485 7, 818	, 631 116, 530 9, 194	. 613 146, 455 17, 445	. 633 157, 120 51, 625	. 674 148, 790 83, 286	. 745 116, 550 88, 364	. 802 101, 310 76, 912	. 718 7 91, 890 72, 125	. 794 69, 185 46, 101
Cheese: Imports§	1, 384	1, 304	652	389	487	455	355	401	459	647	615	1, 139	
Price, wholesale, American Cheddars (Wisconsin) dol. per lb_ Production, total (factory)†thous. of lb_ American whole milk†do Stocks, cold storage, end of montho*do American whole milkdo Condensed and evaporated milk:	. 449 71, 127 51, 665 123, 435 92, 422	, 399 69, 214 51, 115 123, 592 93, 873	. 383 74, 055 55, 315 114, 606 87, 459	. 370 76, 680 58, 540 98, 053 74, 795	(1) 100, 160 77, 485 93, 427 71, 757	. 338 115, 540 91, 655 113, 854 88, 737	. 298 144, 015 118, 455 133, 495 106, 479	(1) 152, 125 125, 815 161, 363 130, 005	.338 136, 425 113, 505 185, 202 151, 661	. 345 110, 140 89, 610 202, 597 169, 571	.365 92, 670 74, 480 193, 849 164, 651	. 386 * 82, 720 * 64, 170 * 176, 626 * 151, 455	$\begin{array}{r} .391\\ 61,720\\ 44,520\\ 162,870\\ 139,858\end{array}$
Exports:§ Condenseddo Evaporateddodo	3, 634 39, 791	15,580 46,037	8, 911 28, 828	4, 273 23, 324	4, 694 25, 355	7, 275 23, 534	7, 549 39, 517	8, 562 42, 862	9, 201 42, 071	8, 161 41, 394	10,316 53,022	15, 726 70, 499	
Prices, wholesale, U. S. average: Condensed (sweetened)dol. per case Evaporated (unsweetened)dol. per case Production:	8. 25 5. 88	8. 25 5. 88	8. 25 5. 86	8. 25 5. 72	8. 28 5. 64	8. 27 5. 42	8. 26 5. 23	8. 26 5. 18	8. 26 5. 19	8, 26 5, 20	8. 26 5. 24	8.40 5.31	8.80 5.52
Condensed (sweetened): Bulk goods Case goods Evaporated (unsweetened), case goods tocks, manufacturers', case goods, end of month:	30, 146 6, 461 167, 667 8, 701	33, 956 6, 849 183, 929 5, 230	34, 160 7, 925 205, 000 4, 923	38, 695 7, 200 209, 700 4, 546	56, 340 8, 610 269, 000 5, 450	82, 800 11, 850 320, 500 5, 279	$ \begin{array}{r} 111,875 \\ 13,000 \\ 416,200 \\ 6,387 \end{array} $	116, 620 12, 950 410, 000	76, 555 15, 025 347, 600	31, 540 17, 150 257, 400	$\begin{array}{c} 22,470\\ 21,100\\ 218,000\\ 11,333\end{array}$	20, 430 19, 500 200, 500	12, 200 12, 650 152, 500
Condensed (sweetened)thous. of lb. Evenorated (unsweetened)do. Fluid milk: Price, dealers', standard gradedol. per 100 lb.	148, 210 4. 87	129, 464 4. 96	4, 525 130, 902 4, 94	4, 340 117, 497 4. 74	118, 926 4. 68	148, 266 4. 63	278, 814 4, 46	7, 196 440, 952 4, 41	9,477 501,177 4,48	10, 561 471, 600 4, 60	379, 712 4, 71	9, 463 285, 450 4, 87	8, 501 223, 940 4. 97
Production†mil. of lbmil. of lb Utilization in manufactured dairy products† mil. of lb	8, 297 2, 845	8, 529 3, 020	8, 911 3, 294	8, 491 3, 202	9, 870 3, 955	10, 472 4, 358	12, 260 5, 509	12, 864 5, 814	12, 148 5, 344	10, 644 4, 223	9, 313 3, 654	8,920 7 3,319	8, 099 2, 478
Dried skim milk: Exports§thous. of lb Price, wholesale, for human consumption, U. S.	14, 728	4, 540	9, 594	10, 321	7, 545	16, 274	14, 401	13, 170	9,420	13, 436	5, 858	21, 302	
averagedoi.per Ib Production, total†thous. of Ib For human consumption†do	. 147 25, 500 25, 091	, 145 37, 233 36, 624	. 131 47, 000 46, 200	. 114 52, 280 51, 230	, 100 69, 355 67, 200	. 100 77, 390 75, 040	. 094 91, 665 88, 200	. 096 102, 020 96, 730	. 095 81, 830 78, 500	. 097 51, 925 49, 450	. 102 41, 000 39, 740	. 111 31, 935 31, 000	.124 22,850 22,320
Stocks, manufacturers', end of month, total thous. of lb For human consumptiondo	34, 809, 32, 786	29, 543 3 8, 299	45, 947 45, 600	61,886 61,213	80, 236 79, 126	78, 047 76, 646	102, 973 100, 888	114, 439 110, 775	94, 980 91, 028	76,622 74,030	50, 487 48, 813	36, 203 35, 359	21,070 20,450
FRUITS AND VEGETABLES								,		,			
Apples: Production (crop estimate)thous. of bu Shipments, carlotno. of carloads Stocks, cold storage, end of monththous. of bu Citrus fruits, carlot shipmentsno. of carloads	7, 014 33, 413 15, 645	2 119, 410 6, 767 27, 344 19, 802	5, 894 19, 379 21, 234	5, 222 12, 944 17, 032	3, 625 7, 593 11, 391	2, 347 3, 954 18, 216	1, 687 1, 544 17, 774	627 329 13, 857	1, 428 219 9, 429	783 264 9, 027	6, 214 10, 435 7, 403	8, 614 7 34, 322 7 10, 430	³ 112, 503 5, 571 35, 046 13, 208
Frozen fruits, stocks, cold storage, end of month thous. of lb Frozen vegetables, stocks, cold storage, end of	497, 802	470, 710	439, 226	403, 664	367, 013	319, 718	327, 700	332, 345	374, 363	408, 119	402, 821	+ 405, 838	390, 297
monththous. of lb Potatoes, white:	351, 474	333, 084	320, 307	296, 588	276, 099	247, 795	230, 827	251, 687	307, 574	326, 603	353, 239	* 347, 466	324, 620
Price, wholesale (N. Y.)dol. per 100 lb Production (crop estimate)† thous. of bu Shipments, carlotno. of carloads	2. 312 21, 976	2, 495 ² 484, 174 17, 251	2. 538 20, 798	2.638 21,830	3. 006 30, 138	3. 490 26, 782	3. 812 23, 713	4, 106 25, 272	(1) 22, 313	(1) 19,028	(1) 25, 187	(1) 7 25, 504	(1) 3 384, 407 19, 960
GRAINS AND GRAIN PRODUCTS													
Exports, principal grains, including flour and meals thous. of bu.	26, 987	35, 135	33, 245	41, 672	48, 528	48, 397	50, 030	38, 889	35, 782	34, 440	r 31, 386	28, 328	
Barley: Exports, including malt§do Prices, wholesale (Minneapolis):	489	435	271	572	624	797	1, 226	1. 297	1, 485	856	783	870	
No. 2, maltingdol. per bu No. 3, straightdo Production (crop estimate)†thous. of bu	1.721 1.616 	1.768 1.689 2 262,258 9,214	1.775 1.698	1.764 1.642	1.914 1.838	1.922 1.806	2.010 1.896	2. 136 2. 032	2. 259 2. 130	2, 299 2, 143	2. 276 2. 117	2, 379 2, 218	2, 590 2. 426 3 279, 182
Receipts, principal marketsdo Stocks, domestic, end of month: Commercialdo On farms*do	24, 510	9, 214 20, 985 110, 000	10, 241 20, 608	4, 806 19, 313	7, 242 14, 108 66, 818	9, 625 10, 816	8, 449 8, 869	8, 252 7, 753 30, 000	7, 974 5, 593	27, 119 14, 263	25, 093 27, 444 165, 594	r 14, 605 29, 679	12, 111 27, 846

less otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	October	Nover ber
	FO	ODST	UFFS	AND 7	говас	сос	Continu	ıed				<u></u>	
GRAINS AND GRAIN PRODUCTS-Con.									, <u>-</u>				
orn: Exports, including meal §thous. of bu Grindings, wet processdo	487	2,076	4,828	8, 469	8, 045	15, 421	19, 970	13, 104	11.322	3, 909	1, 374	1,037	
Prices, wholesale:	12, 198 1, 750	12, 313 1. 497	12, 705 1, 431	11, 701 1, 511	12, 245	12,091	12, 385	11, 794	11,635	11,083	11, 100	11, 387	10,8
No. 3, white (Chicago)dol. per bu No. 3, yellow (Chicago)dodo	1,392	1. 497 1. 340 1. 245	1. 431 1. 332 1. 206	1. 311 1. 419 1. 307	1. 742 1. 731 1. 594	1, 784 1, 782 1, 694	1. 790 1. 779 1. 677	2, 143 2, 097 1, 948	(1) 2, 169 1, 995	2, 740 2, 346 2, 295	2, 583 2, 513 2, 370	2.508 2.403 2.277	2.4 2.4 2.4
Weighted average, 5 markets, all gradesdo Production (crop estimate) †mil. of bu Receipts, principal marketsdo	40.6	² 3, 250. 0 44. 3	49.9	43.6	48.2	38.8	38.7	40.2	39.1	2. 255	22.010	21.1	³ 2, 40 2
Commercialdodododododo		27.9	31. 7	34.5	37.4	29.1	16.3	11.2	11.8	7.7	7.9	7.3	1
ts•	1	2, 165.8			1, 294. 7			687.8			4 258.3		
Exports, including oatmealsthous. of bu Price, wholesale, No. 3, white (Chicago)	2, 517	1,703 .825	797 . 837	323 .836	1, 187 . 943	656 . 923	775 .988	1, 343 1. 021	1, 513 . 952	866	* 608 1, 161	598 1.201	1.
dol. per bu Production (crop estimate) †mil. of bu Receipts, principal marketsdo toeks, domestic, end of month: Compression do	11.4	² 1, 509. 9 11. 3	11.5	9.4	14.7	12.9	. 300	12. 2	. 952	1.014 29.2	22.5	1. 201	3 1, 21
Commercial	14.2	9.2	7.4	6.2	6.3	5.4	4.6	5.0	5.6	15.9	26.6	27.8	2
Commercialdo On farms†do		898.8			536.8			4 259.1			977.5		
Exports§dododododo	114, 533 155	160,842	78, 154 133		58, 220 8	84, 858 203	57, 142 163	49.624 3	22, 897 1	21, 592 2	53, 642 204	118,889 1,236	
ce: Exports§	.086	. 090 2 72, 216	. 090	.090	.090	. 089	. 090	. 090	. 126	. 125	. 125	(¹)	(1) \$ 79,
Receipts, domestic, rough thous. of bags (100 lb.)	902 704	860 704	863 602	759 557	792 393	594 478	583 496	300 242	$207 \\ 154$	41 152	75 69	1,490 443	
Shipments from mills, milled ricedo Stocks, rough and cleaned (in terms of cleaned), and of month thous of bars (100 lb.)	453	328	327	284	410	329	490 233	171	169	59	41	536	
outhern States (La., Tex., Ark., Tenn.): Receipts.rough.at mills_thous. of bbl. (162 lb.).	2, 573	1,342	669	422	207	133	83	107	99	573	3, 306	5,790	2
Superstription of the second of the second s	2, 754	r 1, 765	1, 807	1, 452	1, 130	681	515	246	477	309	1, 784	3,051	2
of cleaned), end of month	1 1 051	1.070	9.409	0.40	1 500	1.049	015	450					
thous. of pockets (100 lb.) re: Price, wholesale, No. 2 (Minneapolis).dol. per bu	4, 654 2. 676	4,378 2.793	3, 403 2. 857	2, 440 3. 108	1, 568 3. 539	1, 048 3. 108	615 3. 192	476 3.029	119 2. 541	393 2.466	2,002 2,817	r 4, 863 2. 853	4,
Production (crop estimate) +thous. of bu- Receipts, principal markets	692	² 18, 879 596	469	322	3.339	238	138	102	2, 541	2, 400	2, 817	2.853	³ 25,
tocks, commercial, domestic, end of month_do heat:	2, 143	2, 476	2, 465	2, 336	2, 139	1, 878	1, 358	1, 024	556	2, 214	3, 824	4, 262	4,
Disappearance, domestictdo Exports, wheat, including floursdo	23, 369	307, 625 30, 920	27, 349	32, 309	334, 145 38, 673	31, 523	28,060	224, 944 22, 776	21, 462	28,807	348, 515 28, 426	25, 079	
Wheat only dododo	11, 563	14, 995	11, 141	12,694	17, 555	13, 277	9, 111	4,006	7, 065	16, 863	17, 805	14,375	
No. 1, Dark Northern Spring (Minneapolis) dol. per bu No. 2, Red Winter (St. Louis)do	2.331 2.250	$2.265 \\ 2.324$	2.248 2.331	2.314 2.395	2.715 2.811	2.638	2.677 2.705	2.719 2.587	2. 935 2. 368	2.710 2.384	2.840 2.704	3.167 2.952	3
No. 2. Hard Winter (Kansas City)do	2.104	2.072	$2.090 \\ 2.175$	2. 261 2. 279	2. 694 2. 671	2.745 2.676 2.616	2. 693 2. 637	2. 373 2. 563	2. 308 2. 288 2. 400	2.318	2. 704 2. 646 2. 801	2. 952 2. 953 3. 093	
Weighted av., 6 mkts., all gradesdo roduction (crop estimate), total†mil. of bu Spring wheatdo		2^{2} 1, 153. 0 2^{2} 282. 3											3 1, 3 3 2
Winter wheatdo	36, 581	² 870. 7 33, 868	38, 254	38, 716	35, 030	37, 807	26, 345	26, 156	121, 869	91,847	72, 625	68, 872	⁸ 1, 0 43
tocks, end of month: Canada (Canadian wheat)do United States, domestic, total¶†do Commercialdo	152, 631	7 144, 849 642, 685	131, 889	119,006	109, 849 308, 563	93, 964	80, 514	70, 405 4 83, 623	55, 395	58, 655	113, 863 1, 141, 869	146, 292	130
Country mills and elevatorst		56, 256 118, 991	48, 432	44, 745	32,838 61,010	24, 440	15, 803	4 8, 129 4 9, 976	114, 913	167, 718	1, 141, 869 175, 069 197, 821	166, 359	152
Merchant millsdo On farmstdo		96, 779 366, 255			71, 957 139, 855			4 24, 591 4 40, 427			136, 216 628, 773		
heat flour: Exports§thous. of bbl Frindings of wheat⊗thous. of bu	2, 512 57, 690	3, 388 60, 647	3, 449 64, 575	4, 173 57, 162	4, 493 63, 301	3, 882 56, 818	4, 032 55, 744	3, 994 55, 462	3, 063 57, 031	2, 541 59, 619	2, 260 56, 720	2, 278 60, 393	54
Prices, wholesale: Standard patents (Minneapolis)dol. per bbl Winter, straights (Kansas City)do	10, 95 10, 38	11.61 10.90	11.52 11.10	11, 62 11, 42	13,66 12,99	13. 17 12. 97	12.74 12.39	$12.60 \\ 11.03$	13.27	12.72	13. 57	14.56	1
Flour (Census): Flour thous, of bbl	12,749	13, 368	14, 238	12,609	13, 991	12, 604	12.39	12, 332	10. 77 12, 713	10.97 13,233	12.03 12,646	13.13 13,432	1 12
Offalmil. of lb	89.1 986	89.5 1,044	92.3 1,113	93. 2 983	91.4 1,091	82.3 967	81.1 930	83.9 928	83.2 944	86.4 996	85.8	84.3 1,012	
stocks held by mills, end of month⊗_thous. of bbl		3, 216			2,842			2.237			2, 523		
LIVESTOCK		1]			
vestock slaughter (Federally inspected): Calvesthous, of animals Cattledo	656	591 1,352	591 1, 403	521 1, 143	644 1, 228	$678 \\ 1, 203$	627 1, 264	621 1, 207	656 1, 274	628	719	813	Ι.
dododododododo	5, 434	5, 133 1, 346	5,844	3, 897 1, 271	3, 406 1, 237	3, 616 1, 322	3, 831 1, 355	3, 653 1, 329	1, 274 3, 455 1, 280	1, 217 2, 731 1, 253	1,407 2,948 1,458	1,497 3,978 1,697	
ttle and calves: Receipts, principal marketsthous. of animals	2, 875	2, 447	2, 404	1, 950	2, 290	2, 183	2, 154	2, 384	2, 435	2, 259	3, 199	3,353	1, 2,
Shipments, feeder, to 8 corn belt Statestdo Prices, wholesale: Steers, beef (Chicago)dol. per 100 lb Steers, stocker and feeder (Kansas City)do	445 23.64	233 23. 19	154 22.16	98 21.94	161 23.30	131 22. 93	100 24.06	120 25. 87	157 27.85	198 28.84	395 29. 54	621 29.82	2
Steers, stocker and feeder (Kansas City)do Calves, vealers (Chicago)do	16.30 18.38	17.63 18.20	17.68 22.13	18.96 22.88	20. 13 22. 90	19.91 20.38	21. 33 23. 63	21.11 24.00	21, 91 22, 94	21. 22 22. 63	21.65 24.00	20.96	

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	October	Novem- ber
	F	DODST	TUFF A	AND T	OBAC	С О—С	ontinu	ed					
LIVESTOCK—Continued													
Hogs: Receipts, principal marketsthous. of animals Prices:	3, 244	2, 993	3, 469	2, 304	2, 017	2, 245	2, 270	2, 329	2, 206	1, 774	1, 943	2, 305	3, 303
Wholesale, average, all grades (Chicago) dol. per 100 lb	24.07	22. 87	22.45	25. 70	27.10	23.49	22. 24	22.06	22.11	23.74	26.66	27.81	24.96
Hog-corn ratio† bu. of corn per 100 lb. of live hogs	18.0	18.6	18.0	19.4	17.6	14. 9	14.4	12.6	11.7	11.1	11.3	12.4	11.1
Sheep and lambs: Receipts, principal marketsthous. of animals Shipments, feeder, to 8 corn belt States†do Prices, wholesale:	1, 966 304	1, 495 121	1, 669 171	1, 406 198	1, 293 133	$1,506 \\ 136$	1, 713 128	1, 982 134	1, 677 166	1, 688 283	2, 452 556	2, 871 677	1, 833 393
Lambs, average (Chicago)dol. per 100 lb Lambs, feeder, good and choice (Omaha).do	22. 25 17. 77	23.25 18.00	23. 25 19. 45	23. 12 20. 18	23. 12 21. 22	21, 25 19, 56	21.62 (¹)	24. 25 (1)	22.75 (¹)	$20.25 \\ 21.31$	22, 50 22, 60	22.62 21.05	22. 7 20. 9
MEATS													
Total meats (including lard): Exports§mil. of lb	32	40	42	58	56	57	91	57	40	50	68	49	
Production (inspected slaughter)do Stocks, cold storage, end of month&ddo Edible offal@do	1, 742 442 39	$1,724 \\ 623 \\ 56$	1, 954 854 68	1, 434 854 68	1, 393 857 71	1, 438 843 67	1, 525 797 67	1,490 772 69	1, 509 743 67	1,289 636 59	1, 356 506 56	1, 556 + 480 + 51	1, 740 587 56
Miscellaneous meats and meat products⊗ mil. of lb Beef and veal:	26	36	54	57	64	67	63	50	40	36	29	27	27
Exports§thous. of lb Price, wholesale, beef, fresh, native steers	532	828	3, 475	8, 377	7, 024	17, 401	42, 376	30, 819	19, 564	15, 261	23, 880	8, 254	
(Chicago)dol. per lb Production (inspected slaughter)thous. of lb Stocks, cold storage, end of month⊗♂do	. 409 689, 827 111, 091	. 415 705, 974 169, 271	. 384 757, 702 192, 660	. 362 631, 697 195, 820	$.371 \\ 681,465 \\ 201,209$. 370 679, 933 175, 724	. 376 705, 739 144, 538	. 408 670, 038 114, 568	. 434 702, 877 101, 732	, 469 650, 486 106, 179	. 482 749, 027 92, 781	. 466 792, 883 r 112, 290	466 707, 751 146, 489
Lamb and mutton: Production (inspected slaughter)	64, 591 15, 696	58,723 16,893	68, 215 17, 114	$57,380 \\ 16,554$	57, 648 14, 110	60, 737 10, 808	60, 183 9, 563	54, 823 9, 348	$53,172 \\ 8,085$	52, 007 7, 837	60, 043 6, 645	69, 891 7 11, 893	60, 790 16, 980
Stocks, cold storage, end of month⊗ddo Pork including lard, production (inspected slaughter)thous. of lb	987, 245	,	1, 128, 378	745,090	653, 686	697, 129	758, 646	756, 848	753, 173	586, 369	547, 045	693, 312	991, 957
Pork, excluding lard: Exports§do	1,305	6, 635	5, 040	3, 768	6, 587	7, 173	15, 010	4, 684	1, 955	4, 401	2, 884	2, 412	
Prices, wholesale: Hams, smoked (Chicago)dol. per lb Fresh loins, 8-10 lb. average (New York)_do Production (inspected slaughter)thous. of lb	. 554 . 512 757, 765	2. 522 . 404 728, 500	2.509 .427 827,411	3. 529 . 509 555, 330	² . 614 . 505 484, 593	² . 546 508 521, 406	² . 554 . 531 561, 155	² . 572 . 529 556, 305	² . 599 . 552 550, 620	² .641 .593 438,482	² .664 .622 417,926	² . 589 . 564 539, 982	² . 551 . 480 759, 222
Stocks, cold storage, end of month & ddo Lard: Exports§do	209, 946 16, 647	276, 232 20, 521	399, 473 25, 074	399, 317 38, 760	397, 794 37, 884	394, 421 28, 041	364, 531 28, 728	352, 814 17, 304	331, 746 13, 370	264, 124 25, 621	195, 896 34, 620	7 187, 971 331, 132	270, 209
Price, wholesale, refined (Chicago)dol. per lb Production (inspected slaughter)thous. of lb Stocks, cold storage, end of montho ⁷ do	. 392 167, 381 40, 623	(1) 168, 326 68, 756	. 260 220, 245 122, 988	. 298 138, 683 117, 557	. 338 123, 637 1 09, 254	. 300 128, 445 127, 68 0	, 198 144, 207 148, 663	. 195 146, 690 175, 269	. 182 148, 100 193, 736	176 108, 114 162, 565	$\begin{array}{r} 232\\ 94,015\\ 125,579\end{array}$. 285 111, 619 † 90, 437	. 302 154, 639 70, 021
POULTRY AND EGGS Poultry:													
Price, wholesale, live fowls (Chicago)dol. per lb Receipts, 5 markets	. 242 72, 952 301, 030	. 266 65, 114 316, 577	. 242 27, 631 316, 792	. 266 23, 641 283, 825	. 299 27, 199 242, 485	. 292 26, 255 208, 256	. 275 33, 063 187, 717	. 244 34, 800 171, 260	. 240 40, 474 174, 627	. 235 37, 316 183, 024	. 242 51, 774 205, 653	. 236 61, 637 * 277, 870	. 216 78, 087 316, 743
Eggs: Dried, production*do Price, wholesale, U. S. standards (Chicago)•	2, 585	3, 946	11, 744	12, 749	11,031	9, 067	14, 464	14, 610	9, 310	1, 324	158	226	330
Production†	. 406 3, 110	. 388 3, 765	. 388 4, 568	. 378 4, 813	. 418 6, 171	. 425 6, 328	. 409 6, 146	. 414 5, 202	. 434 4, 539	. 422 3, 832	. 450 3, 383	. 464 3, 457	. 455 3, 291
Shellthous. of casesthous. of lb	1, 717 132, 664	767 102, 437	287 80, 800	221 73, 564	508 98, 718	1, 742 153, 876	3, 452 202, 245	4, 203 237, 303	4, 268 241, 573	3, 807 234, 434	2, 804 216, 762	* 1, 818 * 189, 596	814 164, 245
MISCELLANEOUS FOOD PRODUCTS													
Candy, sales by manufacturersthous. of dol Cocoa or cacao beans: Importslong tons Price, wholesale, accra (N. Y.)§dol. per lb	56, 287 12, 237 . 191	56, 850 25, 027 . 245	56, 850 46, 248 . 259	53, 439 20, 390 . 266	58, 249 15, 382 . 280	55, 919 38, 078 . 288	52, 005 18, 859 . 282	43, 684 20, 376 . 301	36, 258 13, 627 , 327	42, 059 19, 598 . 345	63, 089 17, 513 . 404	84, 539 12, 645 . 495	76, 085
Clearances from Brazil, totalthous. of bags	1, 416	1, 178	1, 524	1,109	1, 341	. 200 1, 184	756	1,057	912	1, 425	1, 570	1, 412	1, 595
To United Statesdo Imports§do Price, wholesale, Santos, No. 4 (New York)	946 1, 612	729 1, 716	1, 081 2, 103	721 1, 804	818 1, 663	677 2, 044	225 973	545 776	564 1, 069	1, 018 1, 153	1, 117 1, 818	903 1, 870	1,138
dol. per lb Visible supply, United Statesthous. of bags Fish:	. 263 2, 080	. 264 1, 584	$.269 \\ 1,385$	$.272 \\ 1,467$. 277 1, 335	$.258 \\ 1,357$	$.237 \\ 1,222$. 253 1, 132	. 256 1, 000	. 264 1, 056	$.272 \\ 1,128$. 270 1, 288	. 272
Landings, fresh fish, 4 portsthous. of lb Stocks, cold storage, end of monthdo Jugar:	35, 025 158, 486	24,645 152,803	$15,365 \\ 127,381$	17, 003 97, 939	29, 103 78, 242	30, 725 70, 202	34, 868 79, 733	45, 805 90, 158	47, 716 110, 611	57, 745 132, 930	135, 870	14 0, 070	142, 102
Cuban stocks, raw, end of month¶ thous. of Span. tons	553	342	373	1,019	2, 109	3, 292	3, 887	3, 642	2, 991	2, 591	2, 238	1, 121	813
United States: Deliveries and supply (raw value):* Deliveries, totalshort tons For domestic consumptiondo	7 481, 743 7 473, 999	456, 566 418, 790	498, 073 482, 722	330, 256 299, 237	624, 282 598, 188	509,612 497,223	522, 621 484, 691	998, 180 986, 411	826, 310 778, 978	800, 184 792, 920	740, 720 730, 790	902, 939 887, 347	561, 575 556, 670
For export	7, 744	37, 776 257, 017	15, 351 243, 687	31, 119 335, 229	26, 094 568, 794	12, 389 605, 349	37, 930 655, 186	11, 769 544, 243	47, 332	7, 264 605, 075	9, 930 465, 489	15, 592 459, 202	443, 968
Production, cane and beetdo Stocks, raw and refined, end of month	642, 633 1, 210	237, 017 437, 471 1, 442	106, 885 1, 317	49, 365 1, 384	22, 114 1, 316	14, 634 1, 426	16, 512 1, 598	34, 590 1, 148	19,950 38,992 1,105	86, 749 1, 001	405, 489 132, 019 861	534, 233	443, 908

thous. of short tons...
1, 210⁻¹, 1, 210⁻¹, 1, 42⁻¹, 317⁻¹, 384⁻¹, 316⁻¹, 420⁻¹, 384⁻¹, 1, 48⁻¹, 1, 48⁻¹,

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	Octo- ber	Novem- ber
	FO	odstu	JFFS A	AND T	OBAC	со—с	ontinu	ed		······································			
MISCELLANEOUS FOOD PRODUCTS—Con.													
Sugar-Continued													1
United States-Continued	0 504	04.000	00.007	17 001	04 007	10.050	00.000	14 000	11 000	0.007	0.014	10 504	
Exports, refined sugar §short tons Imports: §	6, 734	24, 968	22, 095	15, 221	34, 027	10, 956	29, 826	14, 032	11, 660	8,695	6, 914	13, 784	
Raw sugar, total	180, 167	210, 784	219,672	275, 488	313,067	391,051	300, 783	360.344	388, 185	346, 484	257,629	275.544	
From Cubadododododo	180, 167	210, 784	219,669	275, 487	313, 067	391,049	300, 782	360, 344	388, 184	346, 484	257,626	275, 543	
Refined sugar, totaldo	23,647	16,160	15, 913	19,416	46, 621	52,956	45, 964	61,226	34, 940	33, 889	13,009	23, 477	
From Cubado Receipts from Hawaii and Puerto Rico:	. 23, 647	16, 160	15, 559	19, 416	46, 618	52, 956	45, 964	61, 226	34, 940	33, 889	13, 009	23,477	
Rawdo	2,500	42,816	15,694	40,692	107,892	136, 667	182,956	234, 111	180,095	222,067	214, 590	169.957	
Refined do	5,004	2, 751	3	3,802	25, 761	17, 444	23, 795	3,162	16,655	10, 227	4,750	6, 550	
Price, refined, granulated, New York:								· · · · ·	· · · ·		i '	Í	
Retail tdol. per lb	.092	. 095	. 095 . 079	. 096	. 096	.096 .081	. 095	. 096 . 081	. 095 . 081	.095	.098	.097	.098
Wholesaledo Tea, imports§thous. of lb_	16.286	11,486	12,891	4.105	11,498	4,963	2,508	4, 826	3, 202	1.275	4, 597	5.487	
	10,200		,	1,100	,-	1,000	-,	1,010	0, 202	-, -, -, -, -, -, -, -, -, -, -, -, -, -	1,001	0,101	
TOBACCO		1											
Leaf: Exports, incl. scrap and stems §thous. of lb.	94.129	60,861	55, 059	55, 552	49,018	33, 867	23, 102	39, 156	30, 396	28, 707	47, 396	58,728	
Imports, incl. scrap and stems §do	6, 551	4.817	30, 930	4,912	5,632	5, 192	4,848	5, 624	5, 592	5, 258	5,864	6,720	
Production (crop estimate)mil. of lb_		² 2, 310				-,		0,021				0,120	
Stocks, dealers and manufacturers, total.									-	1			1 í
end of quarterdo		3, 282			3, 553		••••••	3, 187			3, 334		
Domestic: Cigar leafdo		303			372			370			340		
Fire-cured and dark air-cured		159			253			243			216		
Flue-cured and light air-cureddo Miscellaneous domesticdo		2,683					-	2,413			2,633		
Miscellaneous domesticdo		3			4			3			3		-
Foreign grown: Cigar leafdo		36			38			36			34		1
Cigarette tobaccodo		97			113			122			110		
Manufactured products:												1	
Consumption (withdrawals):											1		
Cigarettes: Tax-free*millions	3, 165	2, 959	3, 519	2,713	3, 243	2,805	2,966	2, 269	2, 333	2, 528	2,706	3, 527	
Tax-naid	27,696	22,695	28,451	26, 338	26, 336	27,493	25,068	29,097	29,549	29,060	29,204	33, 237	27.333
Cigars tax-naid thousands.	546, 949	465, 769	510, 264	446,042	426, 785	416, 270	473, 968	432, 527	439, 108	466, 511	483, 288	587,880	495, 401
Manufactured tobacco and snuff, tax-paid	00 500	17 000	00 104	17 000	10 540	10 710	10 111	10 700					
thous of lb	22, 728 1, 523	17,636 r 2,514	20, 124 1, 438	17, 389 2, 480	18, 743 2, 473	19,716 1.667	16,111 1,094	18, 792 2, 294	21,008 1,619	22, 184 1, 685	24,706	25,909 2,068	
Exports, cigarettes §millionsmillions Price, wholesale (list price, composite):	1,020	• 2, 014	1,400	2,400	2,475	1,007	1,054	2, 294	1,019	1,000	1,909	2,008	
Cigorottos fo b destingtion dol nerthous	6.509	6.509	6.509	6.509	6.509	6.509	6.509	6.509	6.509	6.509	6. 509	6.509	6. 509
Production manufactured tobacco, total	00.000	10 901	00 107	18 810	10.010	10.00*	10.450	10.05-		00.000	0.000		
Fine-cut chewing	23, 236	18, 361 296	20, 107 311	17,712 272	19, 212 248	19, 885 337	16,473 295	18, 357 326	21, 266	22,629	24, 233 332		
Plug		3, 500	4,380	3, 762	3, 592	3,762	1, 979	3, 001	4.756	5,002	4,892		
Scran chewing do	3,794	3,425	3, 680	3, 327	3, 429	3, 302	3,081	3, 211	3,467	3,661	3,975		
Smokingdo	11, 266	7,410	7, 789	6,961	8, 310	8,799	7, 576	8,500	9,345	9, 881	10,849		-
Snuffdo	3, 303 462	3, 332 398	3, 447 499	2,948	3, 200 434	3, 246 438	3, 198 344	3,007 312	2,968	3, 341	3, 719 466		-
Twistdo	402	398	499	442	434	438	344	312	427	440	466		-

LEATHER AND PRODUCTS

HIDES AND SKINS				1									
Livestock slaughter (see p. S-28). Imports, total hides and skins§thous. of lb Calf and kip skinsthous. of pieces Cattle hidesdo Goatskinsdo Sheep and lamb skinsdo Prices, wholesale (Chicago): Hides, packers', heavy, native steersdol. per lb Calfskins, packers', 8 to 15 lbdo	30, 921 59 306 4, 454 2, 540 . 289 . 435	25, 229 126 206 3, 239 2, 157 . 276 . 414	18, 198 59 118 2, 683 1, 833 . 238 . 396	$13,589 \\ 31 \\ 122 \\ 2,113 \\ 1,369 \\ .231 \\ .475$	$10,781 \\ 41 \\ 31 \\ 2,715 \\ 1,052 \\ .228 \\ .625$	10, 830 22 29 3, 299 1, 318 . 220 . 514	14, 017 35 51 3, 039 2, 013 . 223 . 534	11, 901 27 30 4, 283 1, 386 . 231 . 638	17, 490 23 38 3, 421 5, 410 . 262 . 660	8, 523 28 42 3, 076 3, 806 . 295 . 619	8, 950 94 29 2, 686 946 . 301 . 625	13,527791422,9331,304.343.669	
LEATHER													
Exports:§ Sole leather: Bends, backs and sidesthous. of lb Offal, including belting offaldo Upper leatherthous. of sq. ft Production: Calf and kipthous. of skins. Cattle hidethous. of skins. Sheep and lambdo. Prices, wholesale: Sole, oak, bendstdol. per lb. Chrome, calf, B grade, black, composite dol. per sq. ft	146 5 1, 299 981 2, 150 2, 304 4, 088 . 784 . 869	71 90 2, 512 1, 011 2, 184 2, 184 2, 412 3, 667 . 753 . 902	626 153 3,099 1,104 2,426 2,506 3,388 .691 .950	189 225 4, 359 1, 088 2, 464 2, 849 3, 341 . 659 . 958	358 95 3,906 1,066 2,512 2,954 2,954 2,943 .678 1.017	$\begin{array}{r} 471\\ 40\\ 3, 907\\ 1, 130\\ 2, 559\\ 3, 038\\ 2, 882\\ .627\\ 1, 015\end{array}$	148 59 3, 761 1, 011 2, 472 3, 046 2, 641 . 593 1, 007	169 73 3,183 1,049 2,239 3,283 2,472 .593 1,069	$\begin{array}{c} 29\\ 201\\ 2,722\\ 887\\ 2,126\\ 3,302\\ 2,426\\ .602\\ 1,214\end{array}$	144 245 2, 954 1, 069 2, 261 2, 995 3, 095 . 637 1, 218	135 129 2, 674 1, 106 7 2, 302 3, 374 3, 411 . 662 1. 223	244 235 3, 285 1, 125 2, 630 3, 808 2, 551 . 750 1, 239	. 808
LEATHER MANUFACTURES													
Gloves and mittens, production, total * thous. doz. pairs Dress and semi-dress, total	757	$2, 103 \\ 628 \\ 102 \\ 9 \\ 516 \\ 1, 476 \\ 98 \\ 178 \\ 1, 200 \\ $	2, 251 576 97 9 470 1, 675 95 195 1, 385	2,0865408784451,546931921,261	$2,261 \\ 588 \\ 87 \\ 8 \\ 493 \\ 1,674 \\ 95 \\ 205 \\ 1,374$	$2, 462 \\ 581 \\ 86 \\ 3 \\ 491 \\ 1, 882 \\ 95 \\ 230 \\ 1, 557 \\ .$	2, 286 510 89 3 418 1, 776 94 221 1, 461	$2,089 \\ 504 \\ 89 \\ 412 \\ 1,585 \\ 103 \\ 206 \\ 1,276$			<pre>> 6, 386 > 1, 540 > 329 > 26 > 1, 185 > 4, 845 > 274 > 633 > 3, 939</pre>		

* Revised. » Preliminary. 1 No quotation. 2 Revised estimate.
* Determinary 1946.
* Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later.
* New series. For source and a description of the series for tax-free withdrawals of cigaretter and data beginning July 1943, see p. S-29 of the March 1947 Survey. The series for gloves and mittens were first included in the May 1946 Survey; see note in that issue; data are collected quarterly only beginning the third quarter of 1947 (figures in the September column are totals for the quarter).
* Revised series. The price for sole oak leather beginning in the October 1947 Survey is for packers', steers bends, union trim tannery run, vegetable tanning; earlier data will be shown later.

Unless otherwise stated, statistics through	19	16	,					1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber
	L	EATH	ER AN	D PRO	DUCI	CS—Co	ntinue	d					
LEATHER MANUFACTURES—Continued]
Shoes and slippers: Exports§thous. of pairs	459	691	464	494	537	631	535	414	429	378	358	505	
Prices, wholesale, factory:3 Men's black calf oxforddol. per pair Women's plain black kid blucherdo	6.50 4.26	6.50 4.90	6.25 4.90	6.00 4.90	6.00 4.90	6.00 4.90	6.00 4.90	6.00 4.90	6.30 4.90	6.50 4.90	6.50 4.90	7 6.63 4.90	6.7 4.9
Production, total¶thous. of pairs Shoes, sandals, and play shoes except athletic,	40, 752	39, 068	41, 051	38, 255	40, 429	39, 525	36, 404	34, 131	33, 870	38, 982	* 40, 826	46, 744	
totalthous. of pairs By type of uppers: All leather	34, 315 30, 011	35, 345 31, 884	38, 049 34, 957	35, 631 33, 295	37, 766 35, 690	36, 627 34, 879	33, 638 32, 178	31, 343 29, 805	30, 875 29, 728	34, 735 33, 454	* 36, 035 34, 767	40, 100 38, 730	
All leatherdo Part leather and nonleatherdo By kinds:†	4, 304	3, 461 9, 012	3, 092 9, 221	2, 336 8, 591	2, 077 9, 121	1, 749 9, 218	1, 554 9, 078	1, 532 8, 297	1, 091	1, 174	1, 331	1,374	
Men'sdo Youths' and boys'do Women'sdo	1, 625 17, 599	1,793 17,429	1, 699 19, 024	1, 533 17, 838	1, 520 18, 991	9, 218 1, 449 18, 237	1, 373 16, 279	8, 297 1, 495 15, 069	8,053 1,521 14,768	8,449 1,607 17,548	* 8,812 1,587 * 18,053	10, 344 1, 815 19, 249	
Missos' and shildren's do	3 058	4, 187 2, 924 2, 915	4, 871 3, 234 2, 475	4,706 2,963	5, 011 3, 123 2, 146	4, 819 2, 904	4, 389 2, 519 2, 257	4, 041 2, 441 2, 272	3, 985 2, 548	4,271 2,860	4, 511 r 3, 072	5, 267 3, 425	
A the forwar do	395 240	2, 915 397 213	2,475 358 169	2, 176 315 133	2, 140 357 160	2, 364 380 154	2, 257 365 144	2, 272 301 215	2, 512 308 175	3, 676 363 208	r 4, 186 r 395 r 210	5,913 492 239	
<u> </u>	1	LUM	IBER 4	AND M	IANUF	ACTU	RES	<u> </u>	l		<u> </u>	1	<u> </u>
LUMBER-ALL TYPES					1							1	1
Exports, total sawmill products § M bd. ft Sawed timbers do	38, 251 7, 183	81, 976 28, 614	79, 720 20, 537	76,335 22,656	114, 449 27, 255	88, 345 16, 610	162, 633 34, 237	131, 795 21, 339	131, 052 20, 480	156, 274 22, 692	124,732 16,854	102, 569 15, 018	
Sawed timber§do Boards, planks, scantlings, etc. §do Imports, total sawmill products§do National Lumber Manufacturers Association;†	30, 103 117, 696	$\begin{array}{r} 45,149\\ 123,816\end{array}$	54, 377 109, 414	51, 994 111, 718	75, 676 133, 390	63, 091 93, 070	101, 014 67, 619	86, 568 60, 598	86, 605 73, 073	97, 447 96, 768	87, 800 118, 356	71, 930 148, 984	
National Lumber Manufacturers Association: Production, totalmil. bd. ftdodo	2, 533 698	2, 303 604	2, 214 583	2, 403 612	2, 578 623	2, 732 632	2, 938 632	2, 821 639	2,728	2, 996 702	2, 847 688	2, 936 682	
Softwoodsdo Shipments, totaldo	1,835 2,418 570	1,699 2,326 542	1, 631 2, 414 590	1, 791 2, 378 598	1, 955 2, 389 507	$ \begin{array}{c c} 2,100\\ 2,560\\ 530 \end{array} $	2, 306 2, 704 588	2,182	2,071 2,538 582	2, 294 2, 907	2, 159 2, 817	2,254 2,946	
Hardwoodsdo Softwoodsdo Stocks, gross, end of month, totaldo	1, 785 4, 652	1,723 4,645	1, 824 4, 323	1, 780 4, 346	1, 882 4, 456	2,030 4,537	2, 116 4, 761	545 1,952 5,266	1, 956 5, 608	684 2, 223 5, 645	668 2,149 5,708	715 2, 231 5, 648	
Hardwoodsdo	1, 453 3, 199	1, 474 3, 171	1, 421 2, 902	1, 420 2, 926	1, 427 3, 029	1, 470 3, 067	1, 463 3, 298	1, 741 3, 525	1, 932 3, 676	1, 899 3, 746	1, 906 3, 802	1, 878 3, 770	
HARDWOOD FLOORING													
Maple, beech, and birch: Orders, newM bd. ft Orders, unfilled, end of monthdo	3, 250 5, 250	4, 350 6, 100	3, 850 5, 550	5, 200 7, 450	5, 825 8, 375	5, 825 9, 500	5, 375 10, 175	5,900 11,375	6,250 12,225	6, 500 13, 325	6, 075 13, 875	7, 150 14, 475	
Productiondodddododdddddddddddddddddddddd	3, 475 3, 625 1, 975	3, 950 3, 700 1, 950	3, 900 4, 375 1, 650	3,875 3,625 1,850	4,050 4,400 1,625	4, 675 4, 725 1, 500	4, 850 4, 800	5, 125 4, 875	5.575 5,275	5,550	5, 825 5, 475	7,150	
Oak: Orders, newdodo	29, 245	29, 194	43, 306	34, 981	43, 443	43, 179	1, 500 47, 708	1, 775 48, 444	2, 050 59, 663	1, 950 57, 678	2, 425 53, 535	3, 000 61, 549	
Orders, unfilled, end of monthdo Productiondo	41, 800 34, 079 33, 065	$\begin{array}{r} 41,249\\33,955\\31,248\end{array}$	41, 523 40, 253 41, 247	40, 157 37, 976 37, 733	39, 970 42, 944 42, 260	38, 418 47, 361 46, 140	43, 122 48, 709 47, 839	44, 340 46, 985 45, 435	58, 439 55, 629 53, 579	58, 064 57, 996 58, 126	60, 195 62, 696	69,623	
Shipmentsdodododododo	5,752	7, 431	5, 730	5, 978	6, 032	7,016	7, 886	8, 797	9, 370	8, 314	60, 800 8, 045	66, 697 10, 971	
SOFTWOODS Douglas fir: Exports, total sawmill products§M bd. ft	2, 138	37, 421	44, 931	36, 872	65, 073	38, 948	82, 594	61, 332	67, 128	74, 432	74, 521	54,651	
Sawed timbersdo Boards, planks, scantlings, etc.sdo Prices, wholesale:	654 1, 484	20, 629 16, 792	15, 305 29, 626	12, 695 24, 177	21, 356 43, 717	9, 364 29, 584	28, 014 54, 580	16, 583 44, 749	17, 190 49, 938	19, 727 54, 705	14, 578 59, 943	13, 149 41, 502	
Dimension, No. 1, common, 2" x 4" x 16'	* 44. 085	r 48.312	r 52. 470	r 59.400	7 60. 885	62, 865	62.865	62.865	62,865	64.845	67.815	67.815	67.815
Flooring, B and better, F. G., 1" x 4", R. Ldol. per M bd. ft Southern pine:	* 60. 085	r 63. 954	r 73. 260	* 86. 378	r 92. 565	95. 040	95.040	95, 040	101.970	104.940	111. 870	111.870	
Exports, total sawmill products§ M bd. ft Sawed timber§do	$21,360 \\ 4,955$	$15,885 \\ 4,880$	$11,842 \\ 2,007 \\ 2007$	20, 159 8, 214	19, 041 4, 441	$17,511 \\ 4,341$	$25,081 \\ 3,623$	22, 591 3, 444	21, 883 1, 952	16, 534 2, 214	8, 920 1, 472	12,753 1,656	
Boards, planks, scantlings, etc. §do Orders, new†mil. bd. ft Orders, unfilled, end of month†do	16, 405 547 633	11, 005 506 574	9, 835 588 565	$11,945 \\ 586 \\ 551$	14, 600 618 553	13, 170 631 544	21, 458 565 449	19, 147 634 494	19, 931 752 570	14, 320 775 641	7, 448 666 626	11,097 651	
Prices, wholesale, composite: Boards, No. 2 common, 1" x 6" or 8" x 12"												573	
dol. per M bd. ft. Flooring, B and better, F. G., 1" x 4" x 12–14'† dol. per M bd. ft.	53. 182 74. 723	67.163 96.546	71.656 106.782	72. 530 109. 979	71.460 120.104	67.790 7 133.862	65.694 133.250	7 62. 656 7 132. 148	r 63. 462 r 130, 910	r 67. 978 r 134. 279	71.127 138.150	72.247 141.139	74. 521 146. 731
Production [†] mil. bd. ft Shipments [†] do	589 556	$\frac{610}{565}$	578 597	686 600	681 616	693 640	726 660	633 589	668 676	655 704	608 681	667 704	
Stocks, end of month†do Western pine: Orders, new†do	1, 168 489	1, 213 43 6	1, 194 461	1, 280 385	1, 345 530	1, 398 540	1, 464 449	1, 508 685	1, 500 661	1, 451 673	1, 378 620	1, 341 631	
Orders, unfilled, end of month†do Price, wholesale, Ponderosa, boards, No. 3 com- mon, 1" x 8"dol, per M bd. ft	275 40, 36	269 43. 30	302 45.60	278 48. 51	353 50. 99	357 52, 71	247	389	463	517	542	569	
Production [†] mil. bd. ft_ Shipments [†] do	491 501	394 440	329 428	346 409	420 455	534 536	54.69 653 559	54.36 645 543	55. 23 684 587	56.23 691 618	59.01 654 595	61.23 650 603	
Stocks, end of month†do West coast woods:	1, 083	1, 038 451	939 582	876	841 723	839 529	933	1,035	1, 132	1, 205	1, 264	1, 311	
Orders, new†do Orders, unfilled, end of monthdo Production†do	445 544 503	514 461	523 507	618 577 529	685 598	646 584	544 595 604	514 568 603	567 682 446	623 682 671	553 702 609	658 699 659	
Shipments†dodddododd	484 475	489 448	576 377	548 379	569 410	586 374	607 397	553 433	438 483	629 534	596 580	652	

r Revised.
Stocks, end of montal series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1946 will be published later.
Totals through December 1946 include Government shoes formerly shown separately but not reported separately in 1947; the classifications by kinds were revised in the October 1947 Survey to include all types (leather, part leather, and nonleather uppers); revised data beginning 1944 for these series and additional revisions indicated in note in the September 1947 Survey will be published later. The totals for shoes, sandals, etc., and the distribution by kinds include, for May to September 1947, minor revisions that are not available for the breakdown between all leather and part leather and nonleather.
Tota continue series published in the July 1944 and earlier issues of the Survey; see note in August 1947 Survey for data for June 1944-May 1946.
Revised series. See note marked "" above regarding revision of the shoe series and note in February 1946 Survey explaining revision in the Southern pine price series. There have been unpublished revisions in the data for the other lumber series as indicated in notes in the July 1947 and April 1946 issues.

Juless otherwise stated, statistics through	1	946						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	Octo- ber	Novem ber
	LUN	IBER	AND N	MANUH	FACTU	RES-	Contir	nued					
SOFTWOOD PLYWOOD Production*thous. of sq. ft., 3%" equivalent hipments*do tocks, end of month*do	129, 635 128, 691 34, 984	121, 816 129, 727 26, 882	140, C58 136, 064 30, 712	129, 622 127, 658 31, 995	139, 779 140, 457 32, 146	148, 027 143, 295 35, 591	142, 070 141, 491 35, 618	139, 623 142, 975 31, 481	107, 574 102, 457 35, 937	139, 369 136, 471 37, 600	146, 985 146, 701 38, 086	170, 325 161, 648 r 44, 279	144, 85 147, 93 40, 84
· · · · · · · · · · · · · · · · · · ·	<u> </u>	ME	TALS .	AND M	IANUF	ACTU	RES	· · · · · ·		·	1	·	1
IRON AND STEEL													
oreign trade: Iron and steel products (excl. advanced mfrs.): . Exports (domestic), totalshort tons Scrapdo Imports, totaldo Scrapdo Iron and Steel Scrap	16, 258 11, 387	509, 444 15, 671 15, 943 1, 018	549, 138 8, 381 17, 491 1, 690	481, 247 4, 694 20, 305 1, 511	637, 754 9, 082 17, 439 3, 058	641, 931 10, 160 15, 090 3, 478	657, 924 18, 175 15, 728 2, 184	630, 731 29, 579 19, 400 3, 410	571, 913 20, 528 21, 733 2, 426	566, 865 10, 717 15, 269 3, 917	579, 053 15, 053 14, 953 1, 828	651, 003 27, 094 13, 579 2, 025	
onsumption, total*thous. of short tons Home scrap*do Purchased scrap*do tocks, consumers', end of month, total*do Home scrap*do Purchased scrap*do	2, 044 2, 992 1, 121	4, 239 2, 193 2, 046 3, 034 1, 158 1, 876	4, 900 2, 717 2, 183 2, 886 1, 063 1, 823	4, 503 2, 406 2, 097 3, 032 1, 061 1, 971	5, 136 2, 689 2, 447 3, 366 1, 109 2, 257	5, 142 2, 653 2, 489 3, 920 1, 136 2, 784	5, 292 2, 744 2, 548 4, 082 1, 133 2, 949	5, 184 2, 560 2, 624 4, 067 1, 303 2, 764	4, 752 2, 384 2, 368 4, 096 1, 257 2, 839	4, 826 2, 561 2, 265 4, 369 1, 295 3, 074			
Ore ron ore: All districts:* Productionthous. of long tons Shipmentsdo	6, 605 6, 830	2, 274 1, 193	2, 698 1, 251	2, 591 1, 322	2, 846 1, 425	6, 575 7, 216	10, 981 11, 755	$11,643 \\ 12,499$	13, 127 14, 069	12,819 13,533	11, 336 11, 865	10, 108 10, 780	
Stocks, end of month do Lake Superior district: consumption by furnaces	4, 607 6, 131 6, 701 41, 919 37, 063	5, 688 5, 516 247 37, 465 33, 056	7, 135 7, 024 0 30, 514 26, 744 3, 770	8, 404 6, 264 0 24, 317 20, 938	9, 825 6, 979 0 17, 411 14, 755	9, 212 6, 579 4, 448 13, 555 11, 738	8, 438 6, 885 10, 373 17, 618 15, 541	7, 582 6, 500 11, 457 21, 746 19, 594	6, 608 6, 156 12, 614 28, 440 25, 677	5, 895 6, 638 12, 122 33, 896 30, 397	5, 367 6, 492 10, 685 38, 370 34, 065	4, 695 7, 151 9, 785 41, 641 36, 852	7, 0 5, 8 43, 0 38, 1
On Lake Erie docksdo Imports§do fanganese ore, imports (manganese content)§ thous. of long tons	4,857 329 . 77	4, 409 237 55	3,770 223 76	3, 379 198 45	2, 656 229 32	1, 816 263 66	2, 078 439 46	2, 152 479 38	2, 764 576 56	3, 499 597 48	4, 305 580 45	4, 789 573 42	
Pig Iron and Iron Manufactures							ļ						ļ
astings, gray iron:* Shipments, totalthous. of short tons For saledo Unfilled orders for saledo astings, malleable iron:o*	2, 940	909 514 2, 980	1, 078 633 3, 021	1,010 583 2,987	1, 090 634 2, 979	1, 097 637 2, 908	1, 097 633 2, 783	1,038 597 2,711	913 519 2, 675	952 551 2,631	$1,025 \\ 591 \\ 2,680 \\ 00,070 \\ 000$	1, 154 654 2, 669	
Orders, new, for saleshort tons. Orders, unfilled, for saledo Shipments, totaldo For saledo for saledo	36, 802 278, 446 68, 987 39, 328	28, 542 267, 661 68, 314 39, 327	34, 517 259, 764 75, 898 42, 414	55, 938 274, 018 74, 716 41, 684	50, 194 280, 724 76, 614 43, 488	41, 994 275, 415 81, 890 47, 303	28, 996 262, 117 75, 478 42, 294	31, 972 248, 798 78, 524 45, 291	$\begin{array}{c} 26,591 \\ 234,656 \\ 64,162 \\ 40,733 \end{array}$	33, 244 229, 735 62, 404 38, 165	28, 679 218, 276 71, 568 40, 138	40, 092 210, 695 83, 979 47, 673	
Comsumption*thous. of short tons. Prices, wholesale: Basic (furnace)dol. per long ton. Composite	- 4,424 - 28.00 - 28.73 - 28.50 - 4,435 - 687	3, 888 29, 60 30, 12 30, 50 3, 992 668	5, 037 30, 00 30, 86 30, 50 5, 087 674	4, 467 30. 00 30. 86 30. 50 4, 550 735	5, 015 33. 00 33. 55 33. 50 5, 123 777	4, 804 33. 00 33. 81 33. 50 4, 830 741	4, 982 33. 00 33. 81 33. 50 5, 081 748	4, 842 33, 00 33, 81 33, 50 4, 810 769	4, 507 34, 20 35, 08 34, 70 4, 585 887	36.00 37.21 36.50 4,917	36.00 37.21 36.50 4,801	36.00 37.28 36.50 5,228	
Steel, Crude and Semimanufactures													
teel castings:† Shipments, total	130, 606 93, 878 27, 425	123, 907 88, 136 22, 108	139, 029 101, 140 28, 699	92, 822	134, 909 99, 701 27, 125	144, 175 106, 127 29, 185	140, 874 103, 779 28, 850	139, 031 103, 888 31, 879	116, 956 85, 014 21, 280	120, 405 88, 719 22, 584	137, 457 102, 913 32, 967	$148,358\\111,288\\30,452$	97.
teel forgings, for sale:* Orders, unfiled, total	726, 733 595, 359 131, 374 108, 112 73, 124 34, 988	707, 060 579, 778 127, 282 110, 346 75, 360 34, 986	723, 158 591, 558 131, 600 116, 074 79, 061 37, 013	581, 337 132, 572 111, 004 78, 560	717, 428 586, 992 130, 436 115, 456 83, 743 31, 713	698, 615 570, 130 128, 485 121, 475 90, 076 31, 399	662, 579 544, 058 118, 521 115, 743 85, 729 30, 014	633, 467 519, 760 113, 707 110, 446 80, 761 29, 685	630, 925 529, 817 101, 108 92, 352 70, 316 22, 036	626, 227 526, 392 99, 835 98, 009 69, 639 28, 370	$\begin{array}{c} 617,247\\518,261\\98,986\\108,804\\79,219\\29,585\end{array}$	593, 838	492, 93, 103, 76,
teel ingots and steel for castings: Productionthous. of short tons Percent of capacity‡	6, 458 - 85	5, 761 74	7, 213 93	6,422 92	7, 307 94	7, 043 94	7,329 95	6, 969 93	6, 570 85	6, 982 90	6, 789 91	• 7, 560 98	7,
rices, wholesale: Composite, finished steeldol. per lb. Steel billets, rerolling (Fittsburgh)		. 0312	. 0329	1	. 0329	. 0329	. 0329	. 0329	. 0329	. 0360	. 0360	. 0360	.0
dol. per long ton. Structural steel (Pittsburgh)dol. per lb. Steel scrap (Chicago)dol. per long ton.	. 39.00	39.00 .0235 27.25	42.00 .0250 29.75	. 0250	$\begin{array}{c} 42.00\\ .0250\\ 36.69\end{array}$	$\begin{array}{c} 42.\ 00\ .\ 0250\ 33.\ 05 \end{array}$	42.00 .0250 29.25	42.00 .0250 30.88	42.60 .0256 36.95	45.00 .0280 39.88	45.00 .0280 38.75	45.00 . 0280 40.50	.0

^{*} Revised. ^OSince May 1944 the coverage of the malleable iron castings industry has been virtually complete; see note in the February 1947 Survey for further information. [§]Data continue series shown in the 1942 Supplement but suspended during the war period (it should be noted that data for iron and steel are shown in long tons in that volume); data for October 1941-September 1946 for total imports of iron and steel products and for October 1941-February 1945 for other series will be published later. The 1945-46 data for imports of iron and steel products shown in the November 1947 Survey and earlier issues erroneously include ores and alloying metals other than ferroalloys. there 1947, percent of capacity is calculated on annual capacity as of Jan. 1, 1947, of 91,241,000 tons of steel; 1946 data are based on capacity as of Jan. 1, 1946, 91,891,000 tons. there were isses. For data beginning September 1941 for softwood plywood see p. 16 of the September 1944 Survey. For description of the series on scrap iron and steel and 1930-40 data, see "New series. For data beginning September 1942 Survey. The series for iron ore, all districts, are from the Department of the Interior, Bureau of Mines, and cover the entire industry, monthly data beginning 1943 and earlier annual totals will be shown later. Data for 1943-45 for gray iron castings are shown on p. 24 of the January 1947 Survey. For pig iron consumption and steels for 1930-40 and a description of the series, see note marked ""' on p. 5-29 of the November 1942 Survey. The series on pig iron production is approximately comparable with data in the 1942 Supplement (data in that volume are in short tons instead of long tons as indicated); see p. 8-30 of the May 1943 Survey for further information and data for 1941-42. The pig iron price series shipments for own use, and steel consumed have been discontinued. fRevised series. Data for steel c

Unless otherwise stated, statistics through	19	46						1947					<u> </u>
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	October	Novem- ber
	ME	FALS	AND N	IANUI	FACTU	RES_	Contir	nued		<u></u>	·	<u> </u>	
IRON AND STEEL-Continued													
Steel, Manufactured Products													
Barrels and drums, steel, heavy types:⊗ Orders, unfilled, end of monththousands Productiondo Shipmentsdo Stocks, end of monthdo	13, 612 2, 198 2, 213 19	15, 014 2, 091 2, 093 17	$15,501 \\ 2,327 \\ 2,317 \\ 27$	15, 867 2, 064 2, 066 25	14, 976 2, 291 2, 292 25	14, 542 2, 455 2, 455 25	14, 370 2, 303 2, 306 21	13, 612 2, 244 2, 242 23	13, 255 2, 188 2, 185 26	$12,340 \\ 2,208 \\ 2,212 \\ 22$	11, 294 2, 210 2, 201 31	10, 988 2, 307 2, 309 r 29	
Boilers, steel, new orders: Areathous. of sq. ft Quantitynumber Cans, metal (in terms of steel consumed):* Shipments (for sale and own use), total	1, 453 1, 441	1, 452 1, 462	1, 414 1, 392	1, 343 1, 265	1, 421 1, 348	1, 371 1, 336	1, 428 1, 212	1, 904 1, 345	1, 625 1, 564	1, 426 1, 453	1, 245 1, 417	1, 168 1, 331	1, 202 1, 176
Shipments (for sale and own use), total Food	$\begin{array}{c} 192, 134\\ 151, 882\\ 40, 252\\ 161, 951\\ 1, 401\\ 25, 196\end{array}$	$198, 406 \\157, 030 \\41, 376 \\167, 637 \\1, 323 \\24, 307$	174,900129,91444,986138,2131,42627,603	$157,765 \\111,154 \\46,611 \\123,768 \\1,154 \\24,136$	$\begin{array}{c} 179,924\\ 125,683\\ 54,241\\ 142,661\\ 1,174\\ 26,265\end{array}$	$204,678 \\139,536 \\65,142 \\160,107 \\1,083 \\27,219$	$\begin{array}{c} 207,208\\ 145,830\\ 61,378\\ 165,085\\ 984\\ 25,058 \end{array}$	$232, 612 \\168, 249 \\64, 363 \\193, 275 \\845 \\24, 261$	309, 659 235, 856 73, 803 275, 571 781 27, 377	$\begin{array}{r} 387, 817\\ 315, 028\\ 72, 789\\ 344, 269\\ 890\\ 27, 229\end{array}$	354, 726 278, 488 76, 238 310, 982 949 30, 019	$\begin{array}{c} 278,806\\ 193,731\\ 85,075\\ 240,117\\ 1,062\\ 32,869 \end{array}$	
Total	$\begin{array}{c} 5,020\\ 507\\ 482\\ 466\\ 210\\ 1,220\\ 132\\ 144\\ 356\\ 248\\ 391 \end{array}$	$\begin{array}{r} 4,533\\ 460\\ 418\\ 386\\ 174\\ 1,081\\ 123\\ 135\\ 310\\ 265\\ 392 \end{array}$	$5,063 \\ 525 \\ 467 \\ 468 \\ 227 \\ 1,202 \\ 126 \\ 146 \\ 362 \\ 248 \\ 420 \\$	4, 626 474 428 445 191 1, 093 116 136 334 229 364	5, 304 558 502 527 181 1, 275 132 144 390 293 396	$5,4465495185552061,274141151392318\star 25$	$5,442 \\ 561 \\ 535 \\ 579 \\ 204 \\ 1,274 \\ 142 \\ 150 \\ 382 \\ 305 \\ 425$	$5,264 \\ 501 \\ 527 \\ 563 \\ 205 \\ 1,225 \\ 138 \\ 141 \\ 364 \\ 308 \\ 407 \\ 100 \\ $	4,975 493 480 464 199 1,181 116 131 357 324 335	$5,278 \\ 534 \\ 517 \\ 540 \\ 190 \\ 1,199 \\ 136 \\ 135 \\ 371 \\ 336 \\ 393 \\ \end{cases}$	5, 119 484 497 182 1, 224 136 142 360 304 410	$\begin{array}{c} 5, 682\\ 555\\ 550\\ 589\\ 214\\ 1, 343\\ 151\\ 157\\ 399\\ 349\\ 454 \end{array}$	
NONFERROUS METALS AND PRODUCTS													
A luminum: Imports, bauxite§long tons Price, wholesale, scrap castings (N. Y.) dol. per lb	93, 752	113, 445	108, 795	166, 616 . 0755	157, 437 . 0725	129, 133 . 0719	189, 615 . 0667	173, 706 . 0444	181, 999 . 0440	164, 098 . 0600	163, 480 . 0617	118,658	. 0625
A luminum fabricated products, shipments, total* mil. of lbdododododo Wrought products, total*do Plate, sheet, and strip*do Brass sheets, wholesale price, milldol. per lb	$\begin{array}{c} 163.1\\ 38.2\\ 124.9\\ 99.5\\ .259\end{array}$	156. 937. 5119. 492. 7. 275	$167. 0 \\ 40. 7 \\ 126. 3 \\ 96. 3 \\ . 275$	$161. 7 \\ 37. 8 \\ 123. 9 \\ 96. 6 \\ . 275$	$158. \ 6 \\ 42. \ 3 \\ 116. \ 4 \\ 91. \ 0 \\ . \ 289$	$152.3 \\ 41.7 \\ 110.7 \\ 83.3 \\ .289$	144. 1 37. 4 106. 7 81. 6 . 293	124. 8 33. 0 91. 8 70. 5 . 300	$121.7 \\ 30.2 \\ 91.5 \\ 72.2 \\ .296$	132. 230. 4101. 782. 4. 296	$155.1 \\ 35.9 \\ 119.2 \\ 97.9 \\ .296$	$187.1 \\ 40.5 \\ 146.6 \\ 120.1 \\ .296$.296
Copper: Exports, refined and manufactures§short tons Imports, total§do For smelting, refining, and export§do For domestic consumption, total§do Unrefined, including scrap§do Refined§do Price, wholessle, electrolytic (N. Y.)dol. per lb Production:o	10, 564 33, 182 6, 809 26, 373 12, 933 13, 440 . 1704	$\begin{array}{c} 14,168\\ 45,431\\ 10,699\\ 34,732\\ 22,224\\ 12,508\\ .1928\end{array}$	14, 921 26, 261 12, 340 13, 921 9, 715 4, 206 . 1927	11,018 26,114 8,784 17,330 7,805 9,525 .1935	$\begin{array}{c} 13,462\\ 26,291\\ 6,944\\ 19,347\\ 12,158\\ 7,189\\ .\ 2091 \end{array}$	11, 721 23, 203 7, 989 15, 214 * 9, 754 5, 460 . 2123	$\begin{array}{c} 14,020\\ 40,138\\ 3,233\\ 36,905\\ 25,099\\ 11,806\\ .2211 \end{array}$	$17, 254 \\ 52, 527 \\ 4, 115 \\ 48, 412 \\ 32, 993 \\ 15, 419 \\ . 2135$	$\begin{array}{c} 14,569\\ 37,524\\ 3,519\\ 34,005\\ 18,796\\ 15,209\\ .2123\end{array}$	21,60644,1852,49241,69324,67917,014.2123	$18, 337 \\ 41, 596 \\ 3, 338 \\ 38, 258 \\ 26, 620 \\ 11, 638 \\ . 2123$	19, 295 44, 045 5, 286 38, 759 18, 515 20, 244 . 2121	. 2120
Mine or smelter (including custom intake) short tons Refinerydo Deliveries, refined, domesticodo Stocks, refined, end of monthodo Lead:	73, 024 75, 066 129, 206 90, 896	78, 674 77, 578 141, 218 80, 832	r 1 78, 313 r 1 96, 729 r 1151, 948 196, 515	r 74, 560 r 97, 598 r 122, 157 88, 368	7 84, 445 7 95, 964 7 123, 382 83, 736	* 89, 093 * 104, 596 * 117, 557 86, 496	* 91, 275 * 108, 536 * 118, 120 84, 560	* 82, 334 * 103, 474 * 116, 678 82, 542	7 79, 152 7 94, 610 7 109, 822 77, 773	* 83, 301 * 88, 122 * 96, 374 77, 212	* 83, 715 * 92, 146 * 95, 640 80, 113	* 76, 300 * 108, 277 * 112, 310 74, 507	$71,861 \\97,525 \\106,232 \\66,622$
Imports, total, except mfrs. (lead content) §.do Ore (lead content):	8, 345	24, 427	21, 105	12, 405	18, 898	18, 585	18, 113	23, 058	13, 030	21, 099	14, 261	14, 132	
Mine production*do Receipts by smelters, domestic ore: Jdo Refined:	28, 860 26, 180	30, 329 31, 307	31, 586 30, 907	30, 067 32, 157	31, 771 36, 328	32, 359 37, 581	32, 052 34, 269	31, 935 33, 688	* 28, 7 45 31, 877	r 29, 902 32, 271	* 30,000 32,081	32, 197 33, 780	
Price, wholesale, pig, desilverized (New York) dol. per lb Production, totalo ²	$\begin{array}{r} .1044\\ 40,041\\ 38,287\\ 34,764\\ 48,262\end{array}$. 1219 40, 448 38, 943 40, 613 48, 088	$\begin{array}{r} .1293\\ 45,629\\ 42,506\\ 44,888\\ 48,826\end{array}$. 1318 44, 053 41, 210 49, 638 43, 233	. 1496 51, 239 46, 699 52, 465 41, 990	.1500 53, 424 48, 995 50, 568 44, 834	. 1500 53, 822 49, 984 50, 482 47, 233	. 1500 45, 235 41, 505 54, 627 37, 836	.1500 46,012 42,536 51,989 31,290	. 1500 46, 409 43, 725 46, 646 31, 048	.1500 46,827 43,545 43,483 34,385	$\begin{array}{c} .1500 \\ 50,248 \\ 46,919 \\ 56,247 \\ 28,370 \end{array}$	$\begin{array}{c} .1500\\ 51, 481\\ 47, 903\\ 55, 034\\ 24, 809\end{array}$
Imports: Ore (tin content)long tons Bars, blocks, pigs, etcdo Price, wholesale, straits (N, Y,)dol, per lb	4,904 1,195 7.6500	415 1,991 .7000	$3,011 \\ 1,285 \\ .7000$	1, 774 419 . 7000	0 60 . 7000	3, 937 33 . 8000	1, 409 54 . 8000	694 443 . 8000	2, 596 3, 406 . 8000	8, 350 2, 105 . 8000	2, 989 6, 470 . 8000	1,745 3,429 .8000	.8000
Zinc: Imports, total (zinc content)§short tons For smelting, refining, and export§do	$21,890 \\ 5,441$	$28,417 \\ 3,624$	43, 169 5, 441	34, 914 22, 482	$19,911 \\ 5,842$	33, 853 7 10, 083	$27,216 \\ 6,367$	31, 601 11, 534	41, 030 9, 025	29, 364 8, 430	22, 061 1, 510	33, 645 562	
For domestic consumptions and a port domestic consumptions do domestic content) do domestic content do dom	9, 837 6, 612 50, 574	14, 984 9, 809 52, 126	24, 439 13, 289 55, 075	6, 793 5, 639 51, 296	6, 981 7, 088 55, 314	18, 847 4, 923 57, 237	13, 940 6, 909 57, 791	11, 334 15, 228 4, 839 60, 596	9, 025 26, 406 5, 599 47, 515	8, 430 17, 842 3, 092 48, 306	1, 510 14, 953 5, 598 r 47, 126	27, 295 5, 788 50, 643	
Price, wholesale, prime Western (St. Louis) dol. per lb Production dol	.1012 66, 873 91, 429 75, 781 195, 828	$\begin{array}{c} . \ 1050 \\ 70, \ 176 \\ 90, \ 204 \\ 77, \ 904 \\ 175, \ 800 \end{array}$, 1050 72, 332 74, 795 67, 211 173, 337	$\begin{array}{r} . \ 1050 \\ 65, \ 198 \\ 76, \ 074 \\ 65, \ 356 \\ 162, \ 461 \end{array}$.1050 75, 376 75, 788 67, 325 162, 049	.1050 73, 891 72, 243 61, 715 163, 697	, 1050 73, 970 70, 803 58, 827 166, 864	.1050 70,990 63,527 52,390 174,327	. 1050 69, 128 59, 737 44, 801 183, 718	$\begin{array}{r} . \ 1050 \\ 66, \ 852 \\ 89, \ 314 \\ 52, \ 122 \\ 161, \ 256 \end{array}$.1050 67, 867 92, 549 50, 558 136, 574	. 1050 71, 745 7 129, 046 7 58, 460 7 79, 273	. 1050 69, 682 79, 789 65, 702 69, 166

January 1	.948
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Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	October	Novem- ber
	ME	TALS A	AND M	IANUF	ACTU	RES	Contin	ued					
HEATING APPARATUS, EXCEPT ELECTRIC									1				
Boilers, radiators and convectors, cast iron:§ Boilers (round and square):													
Productionthous. of lbtous. Stipmentsdo	28, 451 30, 954	19, 856 23, 694	27, 982 24, 294	26, 003 23, 782	29, 452 26, 073	28, 849 25, 326	29, 528 23, 185	25,838 26,342	20, 506 21, 045	25, 175 28, 469	29, 080 30, 464	r 33, 090 37, 059	29, 483 31, 372
	35, 088	32, 173 3, 250	35, 861 4, 619	38, 082 4, 168	41, 461 4, 862	44, 984 4, 820	51, 327 4, 984	50, 824	50, 285	46, 991	45,607	41, 638	39, 749
Productionthous. of sq. ft Shipmentsdo Stocksdo Bojlers, range, shipments*number	4, 321 4, 369 2, 768	4, 286 1, 732	4,065 2,256	4, 108 4, 200 2, 254	4, 802 4, 441 2, 675	4, 597 2, 899	4, 746 3, 137	4, 472 4, 698 2, 909	4, 302 4, 032 3, 179	4,073 4,540 2,712	4, 749 4, 786 2, 675	r 5, 863 5, 980 2, 558	5, 217 5, 247 2, 528
	93, 137	81,608	78, 400	60, 821	67, 140	66, 597	64, 415	55, 220	48, 454	52, 967	* 51, 986	56, 372	
Orders, new, net	105, 689 990, 350	86, 196 1, 002, 380	87, 872 1, 008, 813	118, 308 1, 045, 876	$11,795 \\ 1,077,832 \\ 06,604$	¹ -10, 338 968, 114	5, 959 874, 902	34, 963 804, 608	1,650 703,704	85, 573 666, 633	37, 582 576, 254	1-4, 421 443, 385	
Shipmentsdod	72, 305 7, 588	74, 166 7, 039	81, 439 10, 487	81, 245 11, 903	96, 694 14, 745	99, 380 13, 337	99, 171 15, 392	105, 257 18, 924	102, 554 22, 657	122, 644 20, 335	127, 961 20, 462	128, 448 20, 493	
Stoves and ranges, domestic cooking, exc. electric:* Production, totalnumber Coal and wooddo	254, 261 33, 175	226, 291 31, 701	299, 947 39, 317	281, 510 40, 411	305, 406 46, 175	313, 694 49, 288	288, 178 44, 814	287,697 39,373	256, 785 36, 126	259, 863 36, 945	* 290, 760 * 35, 631	$331,755 \\ 34,602$	
Gas (incl. bungalow and combination)do Kerosene, gasoline, and fuel oildo	172,054 49,032	153, 972 40, 618	203, 268 57, 362	188, 387 52, 712	203, 631 55, 600	210, 406 54, 000	193, 684 49, 680	202, 954 45, 370	179, 647 41, 012	186, 231 36, 687	7 213, 436 41, 693	256, 241 40, 912	
Stoves, domestic heating, production, total*do Coal and wood*do Gas*do	466, 854 163, 115 151, 271	457, 360 151, 979 162, 518	467, 577 131, 053 160, 936	360, 150 89, 049 139, 879	388, 957 97, 264 159, 496	416, 216 95, 063 175, 282	412, 517 92, 349 157, 716	446, 533 90, 728 175, 940	477, 651 103, 459 186, 412	7 559, 473 109, 048 216, 767	7 691, 341 7 142, 698 254, 517	785, 087 169, 468 293, 879	
Kerosene, gasoline, and fuel oil*do	152, 468	142, 863	175, 588	131, 222	132, 197	145, 871	162, 452	179, 865	187, 780	7 233, 658	r 294, 126	321, 740	
shipments, total*numberdo Gas*dodO	89,005 29,089	78, 167 26, 292	76, 537 28, 954	66, 308 23, 944	60, 196 14, 562	55, 297 14, 209 22, 050	54, 864 9, 876	54, 985 9, 669	56, 498 9, 569	* 80, 891 13, 563	7 90, 210 7 15, 214	108,365 19,632	
Oil*do Solid fuel*do Water heaters, nonelectric, shipments*do	12, 296 47, 620 263, 199	14, 385 37, 490 256, 786	14, 980 32, 603 293, 315	17, 552 24, 812 270, 843	22, 683 22, 951 282, 408	19, 038 244, 626	24, 631 20, 357 210, 487	25,128 20,188 192,372	21, 757 25, 172 197, 485	32, 480 34, 848 7 217, 966	* 34, 286 40, 710 * 210, 350	36, 658 52, 075 229, 685	
MACHINERY AND APPARATUS			200,010	10,010					101, 100	211,000			
Blowers, fans and unit heaters:		15, 292			14, 953			10, 234			0 450		
Blowers and fans, new ordersthous. of dol Unit heater group, new ordersdo Foundry equipment:		10, 113			7, 216			6, 059			8, 452 7, 912		
New orders net total $1937-39=100$	477.4 421.0	430.9 379.0	513.4 466.9	521.9 472.5	573.8 532.3	512. 1 445. 9	548.6 525.9	649. 9 658. 9	458.7 426.1	468.9 411.3	455, 1 393, 1	520.0 438.2	370. 1 286. 1
New equipment do Repairs do Machine tools, shipments* thous. of dol. Mechanical stokers, sales:*	661.5 26,176	600. 3 27, 587	665. 0 26, 542	682. 9 26, 765	709.5 29,012	727. 9 26, 857	623. 0 25, 791	620. 7 24, 383	565.3 18,924	656. 8 18, 520	657.7 22,285	786. 7 27, 545	643. 1 24, 505
Classes 1, 2, and 3	. 14, 946	7, 594	4, 282	2, 306	3, 598	4, 061	5, 281	5, 851	7,092	9, 041	9, 838	8, 194	3, 716
Classes 4 and 5: Number	357 58, 495	339 49, 903	215 54,852	177 52, 705	280 56, 661	174 57, 563	170 52, 981	270 63, 168	380 81, 269	398 97, 752	345 80, 640	273 52, 523	207 51, 478
Domestic hand and whomin pumpsnumper	28, 917	23, 434	26, 737	28, 310	36, 261	36, 578	38,745	36, 946	23, 561	21, 101	26, 618	r 36, 213	30, 630
Water systems, including pumps, totaldo Jet*dododo	57, 986 30, 103 27, 883	62, 319 34, 141 28, 178	59, 545 31, 125 28, 420	64, 455 33, 930 30, 525	62, 586 32, 773 29, 813	70, 792 35, 671 35, 121	61, 045 29, 173 31, 872	54, 300 21, 564 32, 736	56, 183 26, 015 30, 168	61, 559 28, 150 33, 409	7 63, 181 7 28, 580 7 34, 601	73, 688 32, 005 41, 683	57, 496 25, 323 32, 173
Pumps, steam, power, centrifugal and rotary, new ordersthous. of dol.	3, 260	3, 035	3, 428	3, 506	3, 464	3, 638	2, 973	2, 999	3, 148		3, 355	3, 475	2, 673
Scales and balances (except laboratory), shipments, quarterly*thous. of dol Sewing machines, heads, production:*	· ·	9, 864			10, 089			<i>+</i> 11, 938	Í		11, 638		
Sewing machines, heads, production:* Industrialnumber_	10, 832	10, 764	12, 506	11, 368	11, 687	14, 002	11, 835	11, 575					
ELECTRICAL EQUIPMENT													
Battery shipments (automotive replacement only), number*thousands	1, 150	1, 213	1, 509	1,601	1, 798	1, 868	1, 873	1, 737	1, 433	2,073	2, 415	2, 854	2, 689
Domestic electrical appliances, shipments: Vacuum cleaners, total•	268, 432 260, 572	272, 949	265, 790 258, 892	279, 219 272, 927	327, 528 321, 515	341, 360 330, 426	330, 675 318, 094	343, 229 329, 986	293, 465 280, 585		347, 601 328, 630		
Vacuum cleaners, ottal Initial formation Floor do Hand do Washers do Electrical products; do	200, 572	7,585	6, 898 259, 233	6, 292 255, 611	6, 013 290, 397	10, 934 320, 969	12, 581 313, 724	13, 243 314, 705	280, 385 12, 880 281, 826	17,333	18,971 354,094		
Insulating materials, sales billed 1936=100_	_ 331	337	388	373	405	405	361	352	324		350	-	
Motors and generators, new ordersdo Furnaces, electric, industrial, sales:		- 493 3,615	7, 528	5,060	459 6, 514	8, 854	3, 586	394 3,341	5, 298	4, 464	. 308 4, 465		
Unitkilowatts. Valuethous. of dol. Laminated fiber products, shipmentsdo	4, 227 600 4, 074	322	7, 528 789 4, 550	476 4,471	551 4,859	1,079 4,687	3, 080 389 4, 092	308 4,150	5, 298 432 4, 002	565	4,405		3, 812
Motors (1-200 h. p.): of Polyphase induction, billingsdo	8,437	9, 861			29, 589			32,668			30, 280		
Polyphase induction, new ordersdo Direct current, billings	11,962	1,825			38, 332 4, 359			31,849 4,821			22, 328 4, 935		
Direct current, new ordersdo Rigid steel conduit and fittings, shipments† short tons_			18, 297	18, 757	5, 318 20, 088	21, 110	22, 141	5, 155 22, 218	20, 821	1	4, 118 23, 638		1
Vulcanized fiber: Consumption of fiber paperthous. of lb.	4, 741	4, 241	5,004	4, 488	4, 598	4, 824	5,086	4, 771	4, 582	5, 124	4,820	5, 442	5, 107
Shipmentsthous. of dol. r Revised.	1,640	1,701	1, 942		1,757	1, 791	1, 758	1,625	1,425	l 1, 559	1, 599	1, 731	

January 1948

SURVEY OF CURRENT BUSINESS

	19	46						1947					
Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	Octo- ber	Novem- ber
	, <u> </u>	,	PAPE	R AND	PRIN	TING							·
PULPWOOD AND WASTE PAPER										1			
Pulpwood:* Consumptionthous. of cords (128 cu. ft.) Receipts, totaldo Stocks, end of monthdo Waste paper:*	1, 585 1, 382 3, 818	1, 473 1, 438 3, 780	1,666 1,709 3,814	1, 523 1, 861 4, 153	1, 702 1, 819 4, 255	1, 647 1, 430 4, 035	1, 714 1, 465 3, 767	1, 634 1, 683 3, 816	1, 559 1, 901 4, 161	1, 675 1, 958 4, 437	1, 589 1, 908 4, 736	- 1, 744 - 1, 826 - 4, 795	1, 686 1, 495 4, 576
Consumptionshort tons Receiptsdo Stocksdo	651, 974 636, 387 464, 676	596, 247 634, 491 515, 361	678, 241 657, 165 492, 702	620, 667 587, 481 458, 826	684, 637 667, 975 435, 411	668, 727 711, 509 475, 915	693, 879 697, 152 473, 917	648, 768 656, 684 481, 911	607, 061 615, 155 482, 392	$\begin{array}{c} 650, 690 \\ 629, 114 \\ 462, 248 \end{array}$	638, 318 643, 222 467, 651	r 684, 375 r 735, 250 r 512, 880	637, 541 642, 868 516, 461
WOOD PULP													
Exports, all grades, total§	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 2,737\\ 140,380\\ 9,271\\ 20,735\\ 35,297\\ 50,636\\ 1,770\\ 22,671 \end{array}$	6,475 167,977 15,537 38,921 39,661 53,075 1,318 19,465	$\begin{array}{c} 9,534\\ 160,791\\ 20,567\\ 26,615\\ 38,318\\ 54,596\\ 1,699\\ 18,996 \end{array}$	11, 928 141, 995 14, 132 17, 872 39, 610 48, 190 1, 597 20, 594	13, 140 148, 921 13, 402 21, 673 43, 417 44, 022 1, 621 24, 786	$\begin{array}{c} 14,161\\ 175,067\\ 19,988\\ 28,669\\ 40,330\\ 59,488\\ 1,592\\ 25,000\\ \end{array}$	$\begin{array}{c} 7,951\\ 227,246\\ 17,008\\ 46,816\\ 45,672\\ 89,065\\ 1,692\\ 26,993 \end{array}$	$\begin{array}{c} 7,244\\ 225,807\\ 20,133\\ 53,044\\ 48,678\\ 75,229\\ 1,719\\ 27,004 \end{array}$	$\begin{array}{c} 13,358\\ 275,187\\ 28,527\\ 75,965\\ 53,098\\ 84,872\\ 1,804\\ 30,921 \end{array}$	$11,603 \\186,631 \\21,301 \\37,060 \\44,037 \\54,996 \\1,864 \\27,373$	$\begin{array}{c} 16,090\\ 195,884\\ 22,302\\ 36,470\\ 53,458\\ 56,602\\ 1,929\\ 25,123\\ \end{array}$	
Total, all grades thous. of short tons. Bleached sulphate short tons. Unbleached sulphate do Bleached sulphite do Unbleached sulphite do Soda do Groundwood do Defibrated, exploded, etc.* do	58, 477	* 885 *75, 100 * 304, 165 141, 358 67, 047 39, 154 158, 860 56, 193	$ \begin{array}{c c} 998\\ 87,764\\ 350,101\\ 159,571\\ 75,060\\ 42,343\\ 175,268\\ 62,782\\ \end{array} $	913 79, 766 321, 127 146, 907 68, 901 37, 696 160, 178 55, 206	$\begin{array}{c} 1,013\\ 89,792\\ 354,293\\ 162,270\\ 73,967\\ 42,092\\ 180,184\\ 63,988\end{array}$	$\begin{array}{r} 985\\ 87,175\\ 337,047\\ 160,223\\ 74,131\\ 41,655\\ 179,324\\ 63,956\end{array}$	$\begin{array}{c} 1,040\\92,484\\366,873\\164,791\\79,133\\43,324\\184,506\\67,096\end{array}$	995 90, 141 354, 853 152, 426 73, 518 41, 696 173, 802 64, 664	$\begin{array}{r} 935\\92,058\\331,275\\142,436\\64,268\\38,345\\160,507\\62,000\end{array}$	$\begin{array}{c} 1,026\\98,415\\365,355\\161,922\\76,291\\40,881\\170,080\\66,877\end{array}$	$\begin{array}{r} 970\\92,335\\333,030\\154,960\\74,753\\40,182\\161,635\\69,080\end{array}$	r 1,080 103,347 374,438 r 172,429 80,272 43,840 176,593 r 79,974	$\begin{array}{c} 1,020\\ 93,744\\ 353,753\\ 163,423\\ 77,186\\ 42,218\\ 168,859\\ 75,041 \end{array}$
Bleached sulphate do Bleached sulphate do Unbleached sulphate do Bleached sulphate do Unbleached sulphite do Soda do Groundwood do PAPER AND PAPER PRODUCTS do	- 76, 590 6, 218 8, 765 18, 615 15, 294 - 2, 611 - 21, 423	70, 609 6, 836 7, 222 20, 326 9, 513 2, 088 22, 897	74, 887 7, 542 8, 545 19, 500 8, 610 2, 431 25, 976	74, 465 6, 990 7, 809 17, 747 9, 938 2, 808 27, 188	79, 694 7, 447 7, 043 21, 004 11, 128 2, 422 28, 630	83, 786 6, 926 8, 331 20, 564 10, 645 3, 052 32, 046	95, 771 7, 079 7, 545 26, 295 13, 527 2, 709 35, 452	$103, 598 \\ 7, 108 \\ 8, 067 \\ 27, 475 \\ 15, 332 \\ 3, 102 \\ 39, 626$	96, 601 7, 320 6, 311 23, 952 14, 143 2, 858 38, 725	99, 834 5, 259 8, 050 31, 604 16, 982 3, 073 31, 551	94, 121 5, 508 10, 507 30, 288 16, 869 2, 771 23, 660	r 93, 244 5, 886 10, 032 r 36, 547 14, 764 3, 033 18, 193	109, 954 6, 089 13, 270 42, 832 17, 716 3, 492 21, 702
All paper and paperboard mills:* Faper and paperboard production, total thous. of short tons. Paper	- * 1, 683 * 846 * 744 * 93	1, 570 803 688 79	1, 766 893 778 95	1, 626 819 722 85	1, 800 901 802 98	1, 754 885 777 92	1, 834 930 805 99	1, 728 883 751 95	1, 625 817 708 101	1, 763 892 767 105	$1,720 \\ 873 \\ 742 \\ 105$	r 1, 898 r 956 827 r 115	1, 776 900 768 108
Production do	636, 783 691, 008 699, 532	671, 096 655, 896 652, 357	809, 564 728, 303 726, 511	$\begin{array}{c} 671,294\\ 666,630\\ 667,801 \end{array}$	$\begin{array}{c} 738,255\\732,863\\721,800\end{array}$	692, 057 711, 517 709, 453	714, 355 752, 028 743, 947	706, 860 714, 440 706, 868	664, 048 653, 710 644, 823	692, 099 719, 979 726, 525	r 718, 555 r 702, 581 r 690, 843	* 762, 677 * 774, 532 * 773, 241	671, 793 726, 000 713, 128
Fine paper: do Orders, newdo Productiondo Shipmentsdo Stocks, end of monthdo Printing paper:	102, 592 105, 822 53, 868	98, 463 169, 955 96, 751 95, 905 56, 421	$\begin{array}{c} 114,900\\ 166,112\\ 105,100\\ 107,504\\ 47,939 \end{array}$	93, 388 161, 085 97, 608 98, 095 47, 596	119,009169,536106,484105,15347,880	$\begin{array}{c} 102,900\\ 165,340\\ 102,434\\ 100,664\\ 48,985 \end{array}$	90, 494 148, 310 107, 558 108, 327 49, 285	$104,998 \\157,015 \\101,311 \\100,313 \\52,679$	$\begin{array}{c} 96,557\\ 154,216\\ 90,227\\ 86,643\\ 52,260\end{array}$	92, 218 150, 004 103, 610 105, 586 49, 314	r 96,070 r 142,715 r 101,775 r 98,976 r 50,763	r 110, 675 r 142, 389 r 111, 255 r 111, 437 r 48, 625	80, 500 121, 195 104, 000 99, 750 50, 910
Orders, newdo_	211, 387 228, 842	237, 600 246, 023	314, 706 290, 502	235, 764 296, 114	252, 988 292, 377	238, 918 281, 212	259, 849 274, 006	243, 519 278, 132	234, 913 264, 117	250, 040 266, 959	r 261, 396 r 279, 402	r 256, 611 r 264, 159	237, 660 253, 285
Stocks, end of monthdo	8.55 230,490 235,143 50,790	$\begin{array}{r} 9.30 \\ 224,650 \\ 220,310 \\ 55,910 \end{array}$	$\begin{array}{r} 9.30 \\ 252,360 \\ 250,429 \\ 57,113 \end{array}$	a 10, 05 230, 039 226, 676 60, 440	^a 10. 05 256, 045 249, 862 r 67, 187	a 10, 05 252, 348 252, 770 63, 943	a 10, 05 264, 444 258, 296 68, 674	410. 05 248, 796 246, 379 72, 765	410, 55 236, 295 234, 526 76, 903	a 10.24 250,563 251,715 72,840	• 10. 80 r 245, 916 r 240, 515 r 78, 840	^a 10.80 r 273,316 r 269,899 r 80,688	^a 10.80 251,000 247,600 85,088
Wrapping paper: Orders, newdo Orders, unfilled, end of monthdo Productiondo Shipmentsdo Stocks, end of monthdo Newsprint:	200,704	243, 785 182, 019 245, 166 245, 882 62, 855	279, 440 186, 735 272, 357 272, 050 64, 128	249, 396 184, 065 249, 479 252, 127 61, 972	270, 461 182, 985 271, 949 269, 497 59, 211	$\begin{array}{c} 252,330\\ 178,430\\ 256,878\\ 256,026\\ 59,788\end{array}$	$\begin{array}{c} 263,424\\ 161,563\\ 276,919\\ 275,131\\ 60,225 \end{array}$	265, 650 176, 165 268, 179 264, 947 67, 455	$\begin{array}{c} 248,313\\ 168,706\\ 241,309\\ 237,963\\ 66,538\end{array}$	$\begin{array}{c} 252,109\\ 162,095\\ 267,243\\ 270,219\\ 62,883\end{array}$	r 261, 898 r 170, 563 256, 362 r 252, 404 r 66, 084	* 290, 791 * 175, 935 * 283, 582 * 286, 105 * 63, 600	$\begin{array}{c} 260,633\\ 171,630\\ 271,000\\ 267,778\\ 65,695 \end{array}$
Canada: Productiondodo Shipments from millsdo Stocks, at mills, end of monthdo United States:	364, 304 391, 388 85, 948	341, 951 340, 125 87, 774	370, 000 344, 543 113, 231	341, 268 319, 831 134, 668	372, 482 373, 769 133, 381	369, 490 376, 305 126, 566	384, 520 400, 763 110, 323	355, 606 375, 498 90, 431	$\begin{array}{c} 379,731 \\ 379,065 \\ 91,097 \end{array}$	377, 941 388, 106 80, 932	366, 092 379, 460 67, 564	396, 251 389, 505 74, 310	364, 483 393, 169 45, 624
Consumption by publishersdo Imports§dol. per short ton Price, rolls (N. Y.)dol. per short tons. Shipments from millsdo. Stippents from millsdo.	$\begin{array}{c} 291,517\\ 323,457\\ 84.00\\ 64,739\\ 62,107\end{array}$	294,835318,57684.0062,08862,054	266, 422 294, 042 84, 00 68, 634 69, 492	$258, 424 \\ 260, 815 \\ 84.00 \\ 62, 802 \\ 65, 226$	302, 672 322, 357 84.00 67, 916 68, 872	297, 461 315, 840 90, 00 71, 933 73, 988	$\begin{array}{c} 302, 994\\ 328, 747\\ 90, 00\\ 73, 498\\ 70, 997 \end{array}$	$\begin{array}{c} 292, 664\\ 349, 134\\ 90, 00\\ 67, 268\\ 66, 743\end{array}$	$\begin{array}{r} 263, 698\\ 353, 091\\ 90, 00\\ 67, 656\\ 68, 955 \end{array}$	$\begin{array}{c} 281,102\\ 315,932\\ 90.00\\ 70,507\\ 69,326 \end{array}$	299, 807 357, 998 90, 00 70, 732 70, 168	339, 286 355, 605 90, 00 72, 253 73, 545	338, 012 90, 00 66, 475 66, 439
At miss	217, 438 79, 676	15, 218 219, 478 73, 328	$14,360 \\ 231,694 \\ 75,602$	$\begin{array}{c} 11,936\\ 224,453\\ 69,466\end{array}$	10, 980 206, 064 73, 699	8, 925 215, 995 68, 773	$\begin{array}{c} 11,426\\ 212,724\\ 64,985 \end{array}$	$\begin{array}{c} 11,951\\ 228,793\\ 71,664\end{array}$	$10,652 \\ 278,918 \\ 68,401$	11, 833 295, 385 84, 009	12, 397 312, 573 77, 150	11, 105 308, 033 83, 957	11, 141 279, 631 89, 755
Orders, newdo Orders, unfilled, end of monthdo Productiondo Percent of activitydo Waste paper, consumption and stocks:?	703, 825 555, 398 750, 900 99	697, 357 542, 896 688, 646 92	802, 016 586, 121 774, 667 99	713, 834 577, 777 718, 072 103	747, 358 549, 774 747, 115 103	770, 304 582, 603 765, 026 100	760, 236 511, 918 805, 744 101	r 721, 312 461, 226 r 742, 124 101	r 736, 454 494, 554 r 709, 956 90	720, 388 425, 412 768, 412 99	788, 601 437, 550 750, 042 96	812, 849 436, 178 823, 203 101	747, 159 420, 456 752, 036 100
Consumptionshort tonsstocks at mills, end of monthdo	304, 100	397, 478 321, 434	450, 740 313, 398	416, 935 274, 850		445, 180 289, 297	464, 323 293, 347	7 426, 713 299, 507	r 398, 123 312, 685	* 429, 973 302, 366	7 429, 113 302, 668	r 460, 009 r 324, 763	422, 748 322, 814

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	October	Novem- ber
······································		PAPE	R ANI) PRIN	TING-	-Cont	inued	<u>I</u>					·
PAPER AND PAPER PRODUCTS-Con.					~								
Paper products: Shipping containers, corrugated and solid fiber, shipments*mil. sq. ft. surface area. Folding paper boxes, value:* New orders1936=100. Shipmentsdo	5, 242 368. 9 396. 8	4, 828 425. 9 409. 7	5, 475 499. 9 478. 7	5, 289 447. 2 465. 8	5, 566 431. 6 485. 7	5, 438 422, 5 488, 9	5, 245 408. 7 470. 6	4, 662 341. 5 460. 9	4, 592 330. 8 396. 0	4, 818 372. 6 439. 3	4, 893 393. 5 454. 3	* 5, 394 448. 0 500. 5	5, 086 375, 5 450, 4
PRINTING Book publication, totalno. of editions New booksdo New editionsdo	863 704 159	846 621 225	470 372 98	557 436 121	1, 027 808 219	852 678 174	811 650 161	531 426 105	592 439 153	678 526 152	647 549 98	772 639 133	
]	PETRO	DLEUN	I AND	COAL	PROI	DUCTS						<u> </u>
COAL		Î											
Anthracite: Exportsthous. of short tons Prices, composite, chestnut: Retaildol. per short ton Wholesaledodo	556 16. 80 13. 597	957 16.63 13.620	577 16. 87 13. 768	396 16. 84 13. 753	528 16. 83 13. 767	880 16. 82 13. 650	831 16.17 13.455	714 16. 17 13. 520	700 16.50 13,713	853 17.48 14.615	859 17.71 14.700	830 17.87 14.732	 18.01 14.783
Productionthous. of short tons Bituminous: Ernorts&do	4, 975	5, 065 1, 712	5, 155 3, 192	4, 240 3, 183	4, 967 4, 164	4, 279 4, 556	4, 549 7, 552	4, 609 7, 560	4, 084 5, 870	4, 994 8, 322	5, 141 7, 085	5, 506 6, 951	4, €13
Industrial consumption and retail deliveries, total thous. of short tons. Beehive coke ovens. do. By product coke ovens. do. Cement mills. do. Electric power utilities. do. Railways (class I)	44, 516 35, 401 562 6, 992 694 6, 447 8, 879 799 11, 028 9, 115	45, 940 37, 281 599 6, 757 676 6, 732 9, 515 871 12, 131 8, 659	52, 955 40, 010 877 7, 964 658 7, 158 10, 104 943 12, 306 12, 945	49, 758 37, 214 798 7, 245 607 6, 594 9, 431 904 11, 635 12, 544	49, 705 38, 716 907 8, 030 652 6, 940 10, 137 945 11, 104 10, 989	$\begin{array}{c} 42, 945\\ 36, 451\\ 671\\ 7, 655\\ 640\\ 6, 414\\ 9, 226\\ 858\\ 10, 987\\ 6, 494 \end{array}$	40, 683 34, 838 922 7, 861 515 6, 422 9, 017 802 9, 299 5, 845	40, 029 33, 705 711 7, 586 6, 366 8, 385 742 9, 288 6, 324	38, 661 33, 343 662 7, 696 648 6, 719 8, 151 718 8, 749 5, 318	$\begin{array}{c} 40,033\\ 34,975\\ 897\\ 8,033\\ 672\\ 7,466\\ 8,527\\ 736\\ 8,644\\ 5,058\end{array}$	 7 43, 706 36, 670 916 7, 658 662 7, 616 8, 450 741 10, 627 7, 036 	r 48, 006 r 40, 252 965 8, 278 704 8, 121	48, 163 40, 155 8, 091 730 7, 737 9, 167 867 12, 704 8, 010
Vessels (bunker)§do Coal mine fueldo	135 158	88 179	77 249	91 214	125 233	150 174	200 240	177 202	149 168	179 216	156 191	161 r 209	19
Retail (34 cities)¶dol. per short ton Wholesale: Mine rundo Prepared sizes do	11. 14 5. 998 6. 212 37, 501	11. 22 6. 044 6. 305 43, 746	11, 82 6, 217 6, 506 58, 970	11, 97 6, 230 6, 526 51, 400	11. 99 6. 252 6. 532 55, 375	12.00 6.334 6.569 41,187	12.09 6.344 6.573 56,484	12.10 6.368 6.581 47,500	12.68 7.113 7.334 39,866	14.01 7.410 7.634 50,870	7 14.04 7.441 7.649 7 52,420	r 14. 15 7. 509 7. 787 r 57, 210	14.49 7.528 7.876 52,350
Production †	52, 429 49, 546 6, 355 1, 054 14, 549 7, 587 877 19, 124 2, 883	47, 157 44, 453 5, 222 887 13, 044 6, 959 785 17, 556 2, 704	$\begin{array}{c} 49, 688\\ 46, 522\\ 5, 919\\ 861\\ 13, 208\\ 7, 673\\ 909\\ 17, 952\\ 3, 166\\ \end{array}$	$\begin{array}{c} 47,867\\ 45,736\\ 6,645\\ 881\\ 13,453\\ 7,682\\ 985\\ 16,090\\ 2,131\\ \end{array}$	49, 033 46, 906 7, 517 929 14, 059 8, 262 1, 162 14, 977 2, 127	42, 419 40, 298 5, 417 896 13, 300 7, 579 1, 046 12, 060 2, 121	$50, 218 \\ 47, 312 \\ 6, 454 \\ 987 \\ 15, 190 \\ 8, 221 \\ 1, 153 \\ 15, 307 \\ 2, 906$	$\begin{array}{r} 49,778\\ 46,384\\ 7,096\\ 1,079\\ 16,409\\ 8,517\\ 1,226\\ 12,057\\ 3,394 \end{array}$	$\begin{array}{r} 45,366\\ 42,176\\ 4,804\\ 968\\ 15,292\\ 6,808\\ 1,086\\ 13,218\\ 3,190\\ \end{array}$	$\begin{array}{c} 47,157\\ 45,199\\ 5,482\\ 894\\ 15,739\\ 6,522\\ 1,128\\ 15,434\\ 1,958\end{array}$	$\begin{array}{c} 48,370\\ 46,353\\ 6,216\\ 909\\ 16,154\\ 6,227\\ 1,089\\ 15,758\\ 2,017\\ \end{array}$	$50, 276 \\ 48, 144 \\ 7, 310 \\ 1, 049 \\ 16, 772 \\ 6, 305 \\ 1, 076 \\ 15, 632 \\ 2, 132 \\ \end{array}$	$50, 458 \\ 48, 256 \\ 8, 200 \\ 1, 080 \\ 16, 673 \\ 16$
COKE Exports§thous. of short tons Price, beehive, Connellsville (furnace)	78	49	49	38	69	76	66	63	66	77	60	118	
dol. per short ton Production: thous. of short tons	8.750 372	8.750 396	8. 812 562	514	8. 875 580	9.062 429	9.125	9. 562 452	11.000 421	12.000 569	12.000		12, 250 54
Byproduct	4, 954 191 1, 034	4, 797 197 893	5, 619 203 797	5, 129 178 716	5, 658 209 676	5, 383 195 652	5, 530 218 671	5, 322 201 668	5, 373 224 773	5, 633 200 982	5, 396 192 1, 029		
At furnace plants	602 432 93	542 351 90	523 274 94	527 189 77	504 172 91	460 191 89	445 226 84	400 268 89	458 315 86	544	509 520 7 95	527 550	58 56
PETROLEUM AND PRODUCTS													
Crude petroleum: Consumption (runs to stills)†thous. of bbl. Exports§do Imports§do. per bbl. Price (Kansas-Okla.) at wellsdol. per bbl. Production†thous. of bbl Refinery operationspet. of capacity.	140, 514 3, 794 6, 176 1, 485 144, 674 93	$148, 171 \\ 3, 542 \\ 8, 422 \\ 1.560 \\ 146, 471 \\ 95$	146, 897 2, 481 8, 956 1, 560 144, 800 94	134, 953 2, 585 8, 172 1. 560 134, 693 95	150, 120 3, 257 8, 916 1. 710 152, 160 94	141, 210 3, 999 7, 846 1, 810 149, 228 94	153, 348 4, 789 8, 361 1, 810 156, 024 95	153, 604 3, 758 7, 762 1. 810 152, 978 97	161, 844 5, 184 8, 033 1, 810 159, 237 98	163, 068 4, 139 7, 919 1. 810 160, 365 98	159,7714,0878,5911.810157,53099	164, 913	2.01
Stocks, end of month: Refinable in U.S.†thous. of bbl At refineriesdo On leases†dodo Heavy in Californiado Wells completed†number Refined petroleum products:	226, 453 53, 344 158, 207 14, 902 5, 335 1, 314	$\begin{array}{c} 224,473\\ 53,113\\ 156,238\\ 15,122\\ 5,703\\ 1,248\\ \end{array}$	223, 848 55, 833 152, 988 15, 027 5, 584 1, 453	225, 121 57, 106 153, 160 14, 855 5, 790 1, 196	228, 981 59, 310 154, 637 15, 034 5, 999 1, 358	$\begin{array}{c} 235,710\\ 60,386\\ 160,484\\ 14,840\\ 5,953\\ 1,247\end{array}$	$\begin{array}{c} 237,768\\ 59,013\\ 163,740\\ 15,015\\ 5,825\\ 1,626\end{array}$	$\begin{array}{c} 237, 278\\ 59, 160\\ 162, 784\\ 15, 334\\ 5, 429\\ 1, 523\\ \end{array}$	$\begin{array}{c} 230, 974\\ 56, 656\\ 159, 556\\ 14, 762\\ 5, 208\\ 1, 842 \end{array}$	15, 146 5, 320	$\begin{array}{c} 225, 258\\ 54, 050\\ 156, 276\\ 14, 932\\ 5, 194\\ 1, 522\end{array}$	14, 964 5, 275	
Fuel oils: Domestic demand: Distillate fuel oilthous. of bbl. Residual fuel oildo	23, 110 41, 497	32, 450 47, 405	35, 294 48, 299	31, 687 43, 308	29, 279 45, 852	21, 321 42, 140	19, 262 40, 057	16, 977 38, 237	16, 355 40, 412	16, 093 39, 864	19, 414 40, 677	23, 126 43, 995	
Consumption by type of consumer: Electric power plantstdo Railways (class I)do Vessels (bunker oil) §do	7 4, 376 7, 307 5, 002	• 5, 315 7, 607 5, 579	4, 426 7, 460 5, 818	6, 537	3, 564 7, 138 6, 164	3, 462 6, 675 6, 132	3, 264 6, 653 6, 470	3, 273 6, 564 6, 080	3, 715 6, 714 6, 371		6,506	6,941	

'Revised.
*Data continue series published in the 1942 Supplement but suspended during the war period; data for October 1941-February 1945 will be published later.
*The comparability of the data is affected in some months by a reduction in the number of cities or by a change in the sample; averages August, September, November, and December 1946 and January 1947 comparable in each case with data show above for the following months are given in notes in the September 1947 reverse; February-July 1947 data are directly comparable and cover 16 cities for anthracite and 30 cities for bituminous coal. July 1947 averages comparable with August for anthracite and bituminous are \$16.46 and \$13.04, respectively.
*New series. For data beginning 1934 for shipping containers, see p. 20 of the September 1944 Survey. For data beginning June 1943 for folding paper boxes, see p. S-32 of the August 1944 Survey. Revisions in the January-September 1946 figures for folding paper boxes and January 1943-146 revised series. See note marked "†" on p. S-36 of the September 1947 Survey for reference to 1941-45 revisions for bituminous coal production and 1941 revisions for the latter series are available upon request.

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber
	PETRO)LEUM	I AND	COAL	PROI	DUCTS	-Con	tinued					
PETROLEUM AND PRODUCTS-Continued													
Refined petroleum products-Continued Fuel oils-Continued		1											
Exports: Distillate fuel oilthous. of bbldo Residual fuel oildodo Price, fuel oil (Pennsylvania)dol. per gal	$758 \\ 316 \\ .062$	$1,273 \\ 831 \\ .066$	876 733 . 070	$1,751 \\ 713 \\ .070$	2, 093 672 , 071	2, 766 635 . 073	2, 189 593 . 075	2, 088 679 . 075	2, 987 600 . 079	3, 019 781 . 085	2, 990 821 . 087	3, 058 797 . 090	
Production: Distillate fuel oilthous. of bbl Residual fuel oildo Stocks, end of month: do	23, 741 33, 015	24, 970 35, 937	24, 131 36, 390	$21,746\ 34,390$	25, 577 37, 876	22,925 34,438	24, 954 37, 328	24, 214 36, 977	26,270 38,550	26, 946 38, 592	27, 325 37, 098	29, 072 39, 066	
Residual fuel oildo	68, 145 52, 735	59, 620 47, 094	48, 197 41, 550	36,901 38,480	31, 423 37, 403	$30, 268 \\ 36, 455$	34, 279 39, 992	39, 676 43, 515	46, 444 47, 600	54, 707 51, 334	59, 764 52, 578	$63,252 \\ 52,502$	
Kerosene: Domestic demand§dodo Exports§dodo	8, 899 414	$\begin{array}{c}11,513\\664\end{array}$	12, 325 394	10, 532 9 2 9	10, 078 1, 017	8, 082 889	6, 068 202	5, 910 711	5, 348 746	5, 447 313	6, 580 476	8, 163 578	
k erosene: Domestic demand§do Exports§do.log Price, wholesale, water white, 47°, refinery (Pennsylvania)dol.per gal Productionthous. of bbl Stocks, refinery, end of monthdo	. 074 7, 893 12, 734	. 075 8, 782 9, 772	. 076 9, 415 7, 299	. 076 9, 243 6, 126	. 078 9, 476 5, 260	. 081 8, 854 4, 870	. 082 9, 284 7, 328	. 082 8, 717 8, 956	. 088 9, 117 10, 867	. 092 8, 970 13, 161	. 095 8, 547 14, 286	. 095 9, 308 14, 908	
Domostic demand& do	2, 900 906	2, 900 1, 063	2, 951 1, 105	2, 680 1, 254	2, 929 1, 273	3, 066 1, 259	3, 104 1, 361	2, 873 1, 338	3,003 1,300	3, 051 1, 105	3, 217 896	3, 427 1, 090	
Exports§	. 250 3, 857 7, 384	. 274 4, 135 7, 564	. 298 4, 204 7, 773	. 300 3, 925 7, 753	. 308 4, 480 8, 015	. 310 4, 267 7, 936	. 310 4, 608 8, 070	. 330 4, 427 8, 281	. 338 4, 227 8, 188	. 350 4, 400 8, 420	. 352 4, 047 8, 340	. 360 4, 350 8, 157	
All types: Domestic demand§do 'Exports§do	61, 315 3, 068	61, 043 3, 688	57, 057 2, 892	50, 551 4, 834	59, 947 4, 091	63, 406 3, 358	70, 865 3, 480	71, 329 3, 937	73, 441 4, 009	72, 089 3, 224	71, 384 3, 078	73, 277 3, 171	
Prices, gasoline: Wholesale, refinery (Okla.)dol. per gal. Wholesale, tank wagon (N. Y.)do Retail, service stations, 50 citiesdo Production, total†thous, of bbl. Gasoline and naphtha from crude oil do Natural gasoline and allied productst†.do		$\begin{array}{r} .\ 070\\ .\ 161\\ .\ 157\\ 69,028\\ 61,387\\ 10,651\end{array}$. 070 . 161 . 158 65, 904 58, 560 10, 651	. 070 . 161 . 159 60, 485 53, 591 9, 944	.076 .167 .171 66,701 59,069 11,033	.080 .172 .171 63,374 55,502 10,803	$\begin{array}{r} . \ 080 \\ . \ 172 \\ . \ 171 \\ 68, 535 \\ 60, 681 \\ 10, 392 \end{array}$	$\begin{array}{r} .\ 080\\ .\ 172\\ .\ 171\\ 69,847\\ 61,855\\ 10,505\end{array}$	$\begin{array}{r} .\ 080\\ .\ 174\\ .\ 172\\ 73, 494\\ 65, 200\\ 11, 019\end{array}$	083 174 174 75,745 67,404 11,254	.084 .176 .173 72,944 64,744 11,096	085 176 178 75,656 67,150 11,685	.090 .178 .179
Sales of I. p. g. for fuel, etc. and transfer of cycle productsthous. of bbl Used at refineriestdo Retail distributiono?mil. of gal Stocks, gasoline, end of month:	2, 719 6, 232 2, 501	3, 010 5, 813 2, 520	3, 307 5, 859 2, 319	3, 050 4, 908 2, 173	3, 401 5, 271 2, 449	2, 931 5, 618 2, 611	2, 538 5, 300 2, 901	2, 513 5, 898 2, 931	2, 725 6, 176 3, 0 80	2, 913 6, 477 3, 021	2, 896 6, 513 2, 891	3, 179 6, 355	
Finished gasoline, totalthous. of bbl. At refineriesdo Unfinished gasolinedo Natural gasolinedo	79, 980 47, 581 8, 607 5, 487	84, 534 51, 927 8, 208 4, 981	90, 300 57, 066 9, 323 4, 794	94, 985 61, 332 8, 687 5, 010	96, 952 63, 089 8, 727 5, 265	92, 719 58, 852 9, 005 5, 604	86, 727 54, 752 8, 482 5, 566	$\begin{array}{r} 81,160\\ 50,610\\ 8,614\\ 5,452\end{array}$	77, 069 47, 929 8, 934 5, 269	77, 190 46, 398 8, 659 5, 017	75, 882 45, 567 8, 478 4, 456	74, 710 45, 084 7, 874 4, 221	
A viation gasoline:* Production, total	1, 942 550 4, 742 1, 635	1,9896754,5531,472	1, 805 704 4, 322 1, 410	1, 943 713 4, 293 1, 374	2, 221 954 4, 168 1, 342	2, 446 566 4, 692 1, 381	2, 870 1, 219 4, 811 1, 543	3, 003 1, 353 4, 847 1, 671	3,467 1,545 5,144 1,804	3,664 2,061 5,480 1,968	3, 733 2, 258 5, 803 2, 198	3,449 2,121 5,919 2,338	
Asphalt: Importssshort tons Productiondo Stocks, refinery, end of monthdo Wax:	0 670, 400 622, 200	88 615, 800 702, 000	12,756 540,500 781,800	21, 441 532, 400 888, 200	12,022602,7001,001,800	$\begin{array}{c} 21,923\\ 606,700\\ 1,028,500 \end{array}$	22, 762 789, 300 1, 063, 100	$12,424\\823,800\\1,000,500$	24, 591 879, 800 866, 200	26, 191 987, 500 716, 500	10, 189 931, 800 597, 800	47, 889 901, 100 540, 700	
Productionthous. of lbtocks, refinery, end of monthdo Asphalt prepared roofing, shipments, total		79, 800 86, 240	83, 720 82, 040	81, 760 85, 120	93, 520 91, 560	80, 080 85, 680	89, 600 89, 320	78, 120 88, 200	89, 600 93, 520	66, 080 87, 920	89, 880 96, 320	80, 080 91, 000	
Smooth-surfaced roll roofing and cap sheet. do Mineral-surfaced roll roofing and cap sheet. do Shingles, all types	1, 168	$5,231 \\ 1,691 \\ 1,134 \\ 2,407 \\ 364 \\ 25,089 \\ 1$	5,827 1,942 1,287 2,598 436 25,584	$5,300 \\ 1,886 \\ 1,162 \\ 2,252 \\ 421 \\ 25,482$	5,809 1,969 1,273 2,567 461 28,408	6, 097 1, 997 1, 326 2, 775 440 30, 277	5, 968 1, 798 1, 399 2, 771 384 30, 456	5, 806 1, 747 1, 368 2, 691 334 32, 758	$5,600 \\ 1,630 \\ 1,287 \\ 2,683 \\ 271 \\ 33,234$	$5,672 \\ 1,590 \\ 1,332 \\ 2.750 \\ 283 \\ 35,456$	5, 886 1, 699 1, 368 2, 819 300 39, 565	6, 640 1, 908 1, 529 3, 203 , 353 42, 637	$1,654 \\ 1,259 \\ 2,658 \\ 334$

RUBBER AND RUBBER PRODUCTS

RUBBER													
Natural rubber:	07 000	00,000	47.000	10,000	10 101	40.010	(0.010	40 500	(0.000	47 000			
Consumption§ long tons long tons	37, 323 59, 266	$38,802 \\ 46,658$	45,328 92,779	40,983 60,678	43,104 36,088	43,818 46,011	43, 018 93, 026	42, 529 65, 724	40, 389 57, 626	47, 289 45, 526	50, 557 46, 285	7 57, 286 49, 976	52, 014
Imports, including latex and Guayule§do Stocks, end of month§do	218,672	237,467	294, 191	283, 479	280, 812	292, 970	330,960	345, 175	1 131, 624	1130,040	1122,097	1114.115	1 110, 824
Synthetic rubber:*								,	· · · · · · ·				
Consumptiondo	57,794 1.786	53,453 1.877	58,764 3.450	53,321 2,434	55,514 710	54, 333 665	48, 692 441	42, 580 2, 290	37,607 454	39,001 287	41, 865 349	* 45, 668 202	39, 057
Consumptiondo Exportsdo Productiondo	60.305	62.648	62, 103	59, 125	57.478	50, 117	39.069	35, 681	31. 917	32. 901	30, 518	33. 834	37, 825
Stocks, end of monthdo	113, 556	114, 963	115, 655	119, 912	121, 322	116, 829	105, 291	97,612	1 97, 728	1 91, 288	1 79, 246	+1 67, 379	1 67, 858
Reclaimed rubber:§	24, 385	23,597	27, 715	25,484	26, 157	25,066	21,908	21, 283	20, 433	21,093	23,801	r 26, 735	23, 425
Consumptiondo Productiondo	24, 585	25,251 25,254	25, 545	23, 990	26,209	26,696	21, 908	21,200 24,144	20, 455	21, 658	23,801 22,561	25, 648	23, 425
Stocks, end of monthao	33, 516	33,666	30,053	27, 417	31, 940	33, 527	37, 145	39, 598	1 39, 704	1 40, 130	1 38, 461	r 1 36, 643	1 36, 347
TIRES AND TUBES												-	
Pneumatic casings:§						1						1	
Exportsthousands Productiondo	358	413	411	353	363	419	502	423	362	360	299	324	
Productiondo	7, 595 7, 478	7, 511 8, 137	8, 508 7, 499	7,915 7.360	8, 577 7, 892	8, 333 7, 273	8,104 7,283	7, 583 7, 526	6, 790 7, 441	7, 165 7, 520	7, 919 8, 246	8, 889 8, 639	l
Shipmentsdodo	1,656	1,839	1,922	2,138	2,457	1, 894	2,005	2, 130	1, 974	1, 793	2, 128	2,178	
Original equipmentdo	3, 112	2,448	3, 328	3, 865	4, 516	5,608	6, 426	6, 670	5, 838	5, 464	5, 191		

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	Octo- ber	Novem ber
	RUBE	BER A	ND RU	BBER	PROD	UCTS	Cont	inued					
TIRES AND TUBES—Continued													
Inner tubes: Exports	258 7, 680 7, 260 4, 483	313 7, 402 7, 923 3, 820	334 8, 719 7, 188 5, 075	282 7, 841 6, 289 6, 621	297 7, 921 6, 466 8, 050	337 7, 093 5, 731 9, 480	475 5, 752 5, 571 9, 772	332 5, 440 5, 779 9, 413	282 4, 542 6, 216 7, 909	227 5, 179 6, 499 6, 937	166 r 6, 540 7, 233 6, 339	191 7, 619 7, 616 6, 424	
	S	ΓONE,	CLAY	, AND	GLAS	SS PRO	DDUCT	S					
ABRASIVE PRODUCTS Coated abrasive paper and cloth, shipments.reams	164, 733	145, 383	151, 364	143, 017	158, 716	155, 873	146, 352	134, 834	126, 722	130, 489	146, 111	146, 754	
PORTLAND CEMENT Productionthous. of bbl. Percent of capacity Shipmentsthous. of bbl. Stocks, finished, end of monthdo CLAY PRODUCTS	15, 335 78 14, 803 7, 830 3, 512	14, 557 71 11, 494 10, 921 3, 886	13, 406 66 8, 395 16, 931 4, 593	12, 618 68 8, 434 20, 112 5, 354	14, 205 69 12, 133 22, 178 5, 996	14, 566 74 15, 414 21, 331 6, 338	13, 389 66 15, 328 19, 388 6, 326	15, 971 81 18, 188 17, 096 5, 736	16, 342 80 20, 099 13, 337 5, 514	17, 480 86 20, 365 10, 452 4, 822	17, 319 88 19, 840 7, 921 3, 889	18, 300 90 20, 562 r 5, 668 r 3, 114	$ \begin{array}{c} 16, 81 \\ 5 \\ 16, 2\epsilon \\ 6, 21 \\ 2, 90 \\ \end{array} $
Brick, unglazed: Price, wholesale, common, composite, f. o. b. plant dol. per thous Production*thous. of standard brick Shipments*do Stocks, end of month*do Structural tile, unglazed:*	19,000 455,676 424,705 368,953	19, 095 381, 146 354, 782 383, 824	19. 315 376, 848 324, 868 448, 752	19. 361 334, 624 268, 460 509, 022	19. 400 339, 963 326, 776 522, 627	19. 412 377, 586 382, 610 515, 806	19. 416 411, 991 402, 780 525, 985	19, 550 414, 634 406, 918 528, 873	19. 668 438, 591 455, 616 504, 124	19. 937 466, 592 457, 311 511, 977	20. 374 r 456, 943 r 483, 622 r 483, 156	20. 490 509, 458 536, 237 452, 012	20.63
Production short tons. Shipments do Stocks do Vitrified clay sewer pipe:* Production do Shipments do Stocks do	123,976 107,833 80,497 102,857 98,495	113, 682 102, 278 87, 580 103, 135 103, 313	112, 119 97, 764 101, 950 112, 992 103, 896	97, 421 82, 505 116, 503 104, 504 93, 241	97, 443 96, 050 118, 075 109, 254 107, 758	107, 543 107, 101 118, 637 101, 914 107, 851	105, 681 105, 876 115, 549 117, 018 114, 588	101, 742 98, 364 117, 080 115, 717 111, 547	118, 814 110, 220 123, 943 109, 686 110, 012	114, 163 112, 805 124, 935 111, 418 110, 754	r 111, 230 r 110, 343 r 124, 794 117, 038 117, 530	114, 480 119, 859 117, 459 118, 958 118, 054	
Stocksdodo	134, 560	137, 887	143, 194	154, 653	156,061	150,033	152, 314	156, 358	155, 971	156, 544	155, 976	156, 720	
Glass containers:† Productionthous. of grossShipments, domestic, totaldo.	9,610 9,332 744 2,978	9, 344 9, 352 723	11, 153 10, 101 743 1 3, 078	9, 281 8, 650 679 1 2. 445	10, 582 9, 645 918 2, 481	10, 358 9, 637 1, 050 2, 307	10, 578 9, 492 1, 007 2, 079	9, 619 8, 316 928 1, 650	8, 877 8, 127 764 1, 754	9, 476 8, 859 1, 285 2, 322	9, 384 8, 781 1, 528 2, 189	r 9, 646 r 8, 767 823 1 2, 251	8, 43 7, 73 48
Beverage	$\begin{array}{c} 517\\ 573\\ 1,372\\ 2,099\\ 658\\ 318\\ 73\\ 3,905\\ \end{array}$	513 639 1, 342 2, 227 651 331 1 44 3, 591	623 832 1,420 2,295 725 359 1 25 4,167	569 804 1, 262 1, 947 620 286 1 38 4, 554	760 1,140 1,293 1,906 658 356 133 5,141	853 1, 342 993 1, 967 610 354 161 5, 475	$\begin{array}{c} 2,962\\ 1,697\\ 761\\ 1,844\\ 573\\ 341\\ 227\\ 6,085\end{array}$	1,093 1,616 663 1,309 433 305 320 6,849	1, 152 1, 263 575 1, 449 397 308 464 7, 065	1, 212 676 627 1, 479 466 307 486 7, 300	1,040 632 778 1,645 452 290 227 7,478	2, 255 744 1, 279 1, 795 589 315 117 * 7, 896	1, 563 97 1, 50 1, 53 44 28 1 1 8, 11
Other glassware, machine-made: Tumblers:† Productionthous. of dozens Shipmentsdo Stocksdo Table, kitchen, and householdware, shipments†	6, 848 6, 527 5, 544	6, 470 6, 242 4, 879	7, 586 6, 352 5, 095	4, 835 4, 736 6, 478	6, 272 5, 975 5, 575	6, 639 6, 140 6, 262	6, 769 6, 234 6, 672	6, 210 5, 261 7, 729	4, 993 4, 346 7, 775	5, 854 4, 867 8, 158	4, 688 5, 994 7, 940	5, 833 5, 186 8, 869	
thous. of dozens Plate glass, polished, productionthous. of sq. ft GYPSUM AND PRODUCTS	3, 168 20, 781	2, 298 18, 411	4, 489 21, 980	2, 668 20, 268	2, 213 22, 605	3, 454 21, 419	3, 658 23, 171	3, 331 21, 026	2, 302 17, 670	3, 645 21, 401	3, 483 20, 648	r 4, 511 22, 989	18, 77
Crude gypsum: Imports§thous, of short tons Productiondo Calcined, productiondo Gypsum products sold or used: Uncalcinedshort tons.		542 1, 642 1, 250 472, 603			186 1,557 1,164 519,788			409 1, 467 1, 166 407, 354			918 1, 507 1, 279 445, 659		
Calcined: For building uses: Base-coat plasters		482, 306 9, 479 115, 806 328, 491			386, 830 11, 833 109, 089 364, 675			391, 548 12, 520 101, 567 391, 142			451,070 10,084 104,505 462,222		
Tiledo Wallboarddo Industrial plastersshort tons_		5, 138 589, 374 55, 484			5, 464 517, 458 58, 577			7, 281 520, 358 46, 745			$\begin{array}{r} 6,791 \\ 514,871 \\ 46,148 \end{array}$		

TEXTILE PRODUCTS

CLOTHING Hosiery: Productionthous. of dozen pairs Shipmentsdo	13, 289 13, 583	12, 122 11, 953	14, 592 13, 394	13, 171 12, 529	12, 921 12, 711	13, 029 12, 535	11,672 11,269	10, 558 10, 542	10, 428 9, 956	11, 615 11, 769	11, 956 12, 681	13, 867 14, 474	12, 847 13, 222
Stocks, end of monthdodo	16, 722	16, 802	18, 042	18, 686	18, 980	19, 480	19, 910	20, 795	21, 267	21, 113	20, 388	19, 781	19, 407
Cotton (exclusive of linters): Consumptionbalesdo Exports§dodo Imports§doper lb Prices received by farmersfdol, per lb Prices, wholesale, middling, ¹⁹ / ₁₆ ", average, 10 marketsdol, per lb	878, 025 455, 342 51, 218 . 292 . 309	776, 350 361, 370 14, 630 . 300 . 324	949, 994 289, 672 10, 543 . 297 . 319	839, 375 385, 050 10, 381 . 306 . 333	875, 306 382, 909 12, 083 . 319 . 352	882, 390 275, 104 9, 898 . 323 . 351	807, 135 248, 549 10, 730 . 335 . 360	729, 412 302, 773 62, 029 . 341 . 372	677, 780 83, 918 8, 163 . 359 . 375	710, 601 6, 671 4, 984 . 332 . 343	727, 448 123, 545 95, 526 . 312 . 316	826, 216 134, 190 97, 946 . 307 . 317	759, 498 . 319 . 336

^{*} Revised. ¹ Jelly glasses included with wide mouth food containers. See note marked "§" on p. S-37. ^o Includes laminated board reported as component board.
^{*} New series. See note marked """ on p. S-37 of September 1947 Survey for reference to tables giving the eerliest data available for the clay products series. [†] Revised series. See note on p. S-34 of the July 1944 Survey regarding changes in the data for glass containers and comparable figures for 1940-42 and note in May 1946 Survey for changes [†] In the reporting companies for other machine-made glassware. For revisions for farm price of cotton for August 1937-July 1942, see p. S-35 of June 1944 Survey.

	1	946			<u></u>			1947					
Unless otherwise stated, statistics through 1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August	Sep- tember	Octo- ber	Novem- ber
		TEX	TILE	PROD	UCTS-	-Čonti	inued		·	·	<u> </u>		<u> </u>
COTTON-Continued	<u> </u>				1			1					
Cotton (exclusive of linters)-Continued										1			
Production: Ginningso ³ thous. of running bales	7, 367	7,783	8,166		1 8, 517	_			194	647	3, 899	8, 362	10, 056
Crop estimate, equivalent 500-lb. bales thous. of bales		.,	0,200		1 8, 640						0,000	0,002	2 11. 694
Stocks, domestic cotton in the United States, end					- 0, 010								- 11, 001
of month: Warehousesthous. of bales	6, 156	5, 933	5, 182	4, 243	3, 301	2, 463	1,800	1, 168	856	781	2, 528	5, 032	5, 297
Millsdo Cotton linters:	2,027	2, 124	2, 166	2, 163	2, 149	2,042	1,856	1, 601	1, 322	1,076	1, 058	1, 375	1, 746
Consumptiondodo	82 169	79 129	94 137	80	87 68	85 50	80 34	73 23	82	81 32 289	91 105	103 203	99 188 420
Productiondododododododo	7 391	437	472	485	483	466	423	382	345	289	296	364	420
COTTON MANUFACTURES		ļ		{				ļ		ł –			
Cotton cloth: Cotton broad woven goods over 12 inches in width,					[1	ļ	ſ		ľ			
production, quarterly*mil. of linear yards Cotton goods finished, quarterly:*	.	2, 359			2, 474			2, 466					
Production, total		1,810			1, 819			1, 760					
Plain dved		492			926 490			918 438					
Printeddo Exports§thous. of sq. yd	68,907	421 99, 872	86, 338	86, 808	402 123, 539	138, 196	146,686	403 125, 349	129, 275	140, 686	130, 693	136, 995	
Imports§	1, 792	2, 190	1, 687	1, 203	888	907	1, 135	472	1,076	883	1, 624	1, 196	
Mill monging contenar lh	40.78	47.72	51.60 .338	52.36 .338	53.37 .338	51, 25 , 338	47.86	46.46	49.49 .338	53.96	57.91	58.60	59.43 .338
Print cloth, 64 x 60	.147	. 338	. 192	. 248	. 255	. 227	. 216	. 228	. 242	$.338 \\ .251$.338	. 338 . 268	. 277
Denims, 28-inch	. 189	, 198	. 220	. 232	. 232	. 232	. 232	. 232	. 232	. 232	. 232	. 232	. 234
22/1, cones, carded, whitedol. per lbdoldodododo	. 699	. 699	. 699 . 819	.699	. 699 . 819	.715	. 715	.706	.700	. 706 . 921	. 706	. 708	. 720
Spindle activity:	21, 524	21,688	21, 919	21, 954	21, 953	21,805	21,624	21, 324	21, 415	21, 197	21, 410	21, 563	21, 432
Active spindlest thousands. Active spindle hours, totalmil. of hr.	9,499	8,671 362	10, 588	9, 590 402	10, 030 421	10, 243	9,928	9,103	8, 531 358	9,034 379	9, 427	10,802	9, 530 400
Average per spindle in placehours Operationspct. of capacity	119.6	107.8	123.3	125.6	125.4	121.7	119.7	113.6	101.7	112.9	396 114.3	452 122. 9	120.6
RAYON AND MANUFACTURES AND SILK			1										
Rayon yarn and staple fiber:		ļ											
Consumption: Filament yarnmil. of lb Staple fiberdo	58.0	55.9	62.4	56.3	60.0	60.1	59.5	54.7	62.4	62.6	61.5	r 65.3	62.5
Staple fiberdo Imports§thous. of lb	13.0 3,708	12.9 4,277	15.1 5,770	14.9 4,326	16. 2 4, 350	18.3 4,233	18, 6 2, 501	16.5 2,795	18.4 2,327	18.6 2,428	20.3 3,265	* 23.1 1,342	21.4
Prices, wholesale: Yarn, viscose,150 denier, first quality, minimum		_,		_,	.,	-,			2, 021	_,	0,200	-,	
filamentO	. 585	. 620	. 620	7.670	r. 670	*. 670	7.670	7.670	7.670	. 670	. 670	. 670	. 670
Staple noer, viscose, 1/2 denierdo Stocks, producers', end of month: Filament yarnmil. of lb	1	, 280	. 280	. 320	. 320	. 320	, 320	. 320	. 320	. 320	. 320	. 320	. 320
Staple fiberdo	9.7	6.0 1.6	7.3 2.7	6.9 2.3	7.0	7.7 2.9	8.5	8.3	8.6 7.7	7.8 6.4	8.0	r 9.1 r 5.6	8.2 5.5
Rayon goods, production, quarterly:* Broad woven goods thous, of linear vards		428, 131			463, 188			471, 425					
Finished, total do		439, 912 50, 587			465, 693 64, 070			435, 333 47, 545					
Plain dyeddododo	1	299, 595 89, 730			299,005 102,618			301, 701 86, 087					
Silk, raw:	1		858	1	186			00,001		102			
Imports§thous. of lb_ Price, wholesale, Japan (N. Y.)§dol. per lb_	6. 405	$2,672 \\ 6.272$	6. 220	429 4.682	4. 050	(3) 22	41 4.000	4. 150	479 4.009	193 4.025	(³)	294 (³)	(3)
WOOL								ļ				I	1
Consumption (scoured basis):¶	17 990	40.000	E7 040	40.000	45 701	FD 080	00.410	97 044	04 - 1	. 29 000	90 101		
Apparel classthous. of lb Carpet classdo	47, 332	46,020 11,752	57,040 14,250	48, 368 13, 088	45, 724 13, 676	52, 970 15, 995	38, 412 13, 668	$37,864 \\ 13,192$	38, 840 12, 685	* 38,008 * 14,056	$38,124 \\ 13,704$		
Imports§do Prices,wholesale:	66, 177	56, 553	73, 716	57, 705	67, 528	63, 291	62, 112	57, 566	48, 942	35, 974	41, 511	51, 412	
Raw, territory, 64s, 70s, 80s, scoured*_dol. per lb Raw, bright fleece, 56s, greasy*do	1.106	1.145	1.155 .530	1.165	1.195 .555	1.225	1.225	1,225	1.225	1.220	$1.220 \\ .565$	1.227	1.255
Australian, 64-70s, good topmaking, scoured, in	. 789	. 850	. 850	. 850	.872	. 939	. 990	1.002	1.040	1.040	1.108	1. 165	1, 254
bond (Boston)*dol. per lb Stocks, scoured basis, end of month, total† thous. of lb	1	544, 729			505, 562		1	7 497, 886			458, 377		
Apparel, total		442,224	1		411, 690			7 408, 485			381, 233		
Domestict do Foreign t do		273, 916			163, 545			* 271,009 * 137,476			265, 176 116, 057		
Carpet†do WOOL MANUFACTURES		102, 505			93, 872			r 89, 401			77, 144		
					ļ								
Machinery activity (weekly average):¶ Looms:]						[
Woolen and worsted: Pile and Jacquardthous. of active hours						91	81	78	61	72	70		
Broad dododo	2, 551 85	2, 547 77	2, 503 75	2, 632 70	2, 516 66	2, 322 47	2, 186 45	2, 242 43	1, 864 39	* 2, 171 45	2, 224 48		
Carpet and rug: Broaddo	110	113	109	118	127	131	130		98		+30 124		
Narrowdo	100	102	109	118	127 114	131 117	· 130	137 122	98 92	124 7 110	124 111		
Spinning spindles: Woolendo	117, 164	112, 558	108, 636	108, 936	99, 693	88, 402	82, 113	85, 052	71, 267	r 91, 891	94, 930		
Worsteddodddodododddddoddddddddd	112, 384 221	114,515 226	114, 434 227	123, 186 245	122, 115 245	118, 421 236	112, 268 223	115, 568 230	88, 899 179	* 109, 789 * 189	119, 286 195		
r Revised. ¹ Total ginnings of 1946 crop. ²							for 40s sin						

* Revised consistence construction of 1946 crop.
* December 1 estimate of 1947 crop.
* Not available.
* Price for 40s, single, carded; comparable October figure, \$0.834.
• Included in data for broad and narrow looms prior to April 1947.
• Or Columber 1 estimate of 1947 crop.
* Not available.
* Price for 40s, single, carded; comparable October figure, \$0.834.
• Included in data for broad and narrow looms prior to April 1947.
• Or Columber 1 estimate of 1947 survey and earlier issues are number active at any time during month.
• Or Price of yarn in cones for 1947; earlier data are for yarn in skeins; price quoted for skeins January 1947 was same as for cones; price for February-July 1947 for yarn in skeins, \$0.690.
• Spata continue series published in the 1942 Supplement but suspended during the war period; data for vool consumption have been revised to cover consumption only on woolen
and worsted goods systems; data previously published through March 1947 include also consumption on silk, cotton and other systems, which are no longer reported.
• Revised series. See notes marked "#" on pp. S-38 and S-39 of the September 1947 Survey for reference to earliest data published for cotton and rayon woven goods production, cotton and rayon goods finished, and wool price series.

Unless otherwise stated, statistics through	19	46						1947					
1941 and descriptive notes may be found in the 1942 Supplement to the Survey	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	October	Novem ber
		ТЕХТ	TLE P	RODU	CTS	Contin	ued			·			
WOOL MANUFACTURES—Continued										<u> </u>			
Woolen and worsted woven goods (except woven	2		1										
felts):* Production, quarterly, totalthous. of lin. yd Apparel fabricsdo		156, 907 137, 358			144,000	•••••		7 113, 865 7 ¹ 98, 021			112,034 1 97,807		
Men's wear do Women's and children's wear do		61,309 61,037			60,256 48,841			r 50, 161			41, 708 41, 191		
General use and other fabricsdo Blanketsdo		$15,012 \\ 12,211$			15,893 10,994			10,206 7,560			$11,332 \\ 6,348$		
Other nonapparel fabricsdo Wool yarn: Description total#	F	7, 338 68, 303	82, 915	68, 768	7, 696 65, 976			r 8, 284		- 50 164	i i		
Production, total*4thous. of lb Knitting*1do Weaving*1do Carpet and other*1do	11, 495	10, 568	12, 495 56, 615	9,712 46,624	65, 276 8, 756 43, 624	73, 355 8, 845 49, 425	55,732 6,328 36,892	56,704 5,764 37,824	57, 335 5, 760 39, 210	7 59, 164 7 6, 316 7 39, 704			-
Carpet and other*¶do Price, wholesale, worsted yarn, 2/32s (Boston)	11, 398	11, 249	13, 805	12, 432	12, 896	15, 085	12, 512	13, 116	12, 365	* 13, 144	13, 428		
dol. per lb	1.900	1.900	1.950	1.950	1.950	1.950	1.950	1.950	1.950	1.950	2.000	2.020	(ª)
MISCELLANEOUS PRODUCTS	+ 9 441	+ 2 590	r 3, 919	r 7, 883	+ 7 990	+9 914	- 9.600	- 2 700	e 1 000	s 4 997	0 670	2 004	
Fur, sales by dealers thous. of dol Pyroxylin-coated fabrics: Orders, unfilled, end of monththous. lin. yd	* 3, 441	* 2, 580 13, 194	12, 531	12,152	* 7, 338 11, 458	* 3, 314 9, 928	* 2,688 8,177	7,708 7,778	7,553	7 4,337 7,724	3, 678 7 7, 984	3,804	
Pyroxylin spreadthous. of lbthous. lin. yd	12, 354 7, 205 9, 217	7, 058 9, 135	7,686 9,423	7,159 8,386	7 6, 516 7, 897	, 6, 642 8, 419	, 5, 674 7, 121	4, 520 6, 034	r 4, 043 4, 561	74,994 75,409	r 4, 310 r 4, 975	4,699	
	1	TRA	NSPO	RTATI	ON EQ	QUIPM	ENT	l	<u> </u>	I	l	1	<u> </u>
AIRCRAFT Exports, totalsnumber	339	250	261	276	338	294	321	268	222	156	184	183	
Shipments, total*do For U. S. military customers*do	3, 093 133	2,021 112	2, 277 111	2,013	1,922 137	2, 143 105	1, 740 94	268 1, 332 139	1, 102 104	1,140 211	1, 351 323	1,041 239	
For other customers*do	2, 960	1, 909	2, 166	1, 914	1, 785	2, 038	1,646	1, 193	998	929	1, 028	802	
MOTOR VEHICLES	47,708	41, 158	40, 268	41,678	54, 747	E7 001	01 479	44.461	40.070	- 50 004	40.157	47 500	
Exports, assembled, totalsnumber Passenger carssdo Truckssdo Factory sales, totalsdo Coaches, totaldo Domesticdo Passenger cars, totaldo Domesticdo	22, 496	16, 257 24, 901	19,742 20,526	19,321	25, 666 29, 081	57, 291 26, 711 30, 580	61, 478 29, 540 31, 938	44, 461 22, 591 21, 870	40, 679 24, 068 16, 611	7 50, 284 24, 317 7 25, 967	42, 157 21, 839 20, 318	47, 598 22, 345 25, 253	
Factory sales, totals	371, 156 1, 146	375, 719 1, 438	347, 696 1, 273	22, 357 373, 360 1, 303	421, 180 1, 421	423, 399 1, 650	382, 640 1, 853	400,372	379, 192 1, 806	349, 409 1, 765	420, 270 1, 608	426,001 1,667	394, 17 1, 41
Domesticdo Passenger cars, totaldo	1,102 269,081	1, 339 266, 665	1,115 246,605	1,090 267,015	1,272 301,525	1, 465 314, 765	1, 599 284, 357	1,409 307,124	1, 694 279, 631	1,570 261,158	1, 413 307, 942	1,527 315,969	1, 14 305, 14
Trucks total do	100,929	244, 931 107, 616	226, 695 99, 818	245, 081 105, 042	280,018 118,234	291, 953 106, 984	261, 240 96, 430	284, 576 91, 620	257, 881 97, 755	240,358 86,486	285, 590 110, 720	295,099 118,365	284, 73 87, 61
Domestic do Truck trailers, production, total•	79,128	82,774 6,886	77,434	83, 276 6, 554	92,082 5,910	83, 515 5, 245	75,696	73, 613 3, 544	78,444	66, 382 3, 169	89, 724 * 3, 158	94,307 3,962	71, 16
Vansdododododo	7,051 3,147 3,904	6, 506 3, 461 3, 045	7, 194 3, 762 3, 444	6, 220 3, 258 2, 978	5, 536 2, 662 2, 906	4, 941 2, 106 2, 867	4, 380 1, 657 2, 723	3, 306 1, 437 1, 869	2,779 1,362	2, 953 1, 228 1, 725	r 2,944 r 1,269 r 1,675	$3,451 \\ 1,587 \\ 1,864$	
Chassis shipped as suchdodo	398	380	317	334	2, 500	2, 807	2, 123	238	1, 417 174	216	214	511	
New passenger carsdo New commercial carsdo	230, 424 63, 978	274, 735 69, 453	209, 063 62, 477	214, 333 63, 752	264, 714 79, 344	290, 226 85, 148	286, 719 76, 901	269, 863 65, 458	263, 167 71, 647	264, 866 75, 912	251, 655 69, 899	281, 428 87, 167	
RAILWAY EQUIPMENT													
American Railway Car Institute: Shipments:				1				5					
Freight cars, total	7,188 2,442	6, 737 2, 056	6, 991 2, 265	7, 575 1, 784	8, 816 2, 439	8, 873 3, 489	6, 409 3, 131	5, 243 4, 230	5, 366 4, 846	4, 410 4, 346	5, 749 5, 668	6, 401 6, 242	6, 96 6, 88
Passenger cars, totaldo Domesticdo	60 60	60 60	58 58	69 69	53 53	73 73	60 60	67 63	53 45	20 20	29 29	74 74	6 5
Association of American Railroads: Freight cars, end of month: Number ownedthousands	1,742	1,740	1,740	1,738	1, 736	1,736	1,734	1, 734	1,732	1,730	1, 730	1,725	1, 72
Undergoing or awaiting classified repairs thousands	67	67	66	68	69	72	77	77	81	81	78	72	7
Percent of total on linecars	4.0 54,413	4.0 54,778	4.0 60,529	4.1 66,353	4.2 78,080	4.3 84,288	4.6 89,554	4.7 93,159	4.9 94,232	4.9 97,392	4.7 97,645	4.3 103,086	4. 104, 78
Equipment manufacturersdo Railroad shopsdo	39, 179 15, 234	38, 716 16, 062	44, 144 16, 385	49, 934 16, 419	60, 446 17, 634	63, 935 20, 353	66, 466 23, 088	68, 675 24, 484	70, 578 23, 654	71,826 25,566	73, 416 24, 229	76, 713 26, 373	78, 85 25, 93
Locomotives, end of month: Steam, undergoing or awaiting classified repairs number.	3, 204	3, 137	3, 175	3, 131	3, 045	3, 011	2,832	2, 735	2,778	2,709	2, 706	2,646	2, 61
Percent of total on line Orders unfilled:	8.5	8.4	8.6	8.5	8.3	8.3	7.8	7.6	7.8	7.6	7.6	7.5	7.
Steam locomotives, totalnumber Equipment manufacturersdo	65 57	64 57	53 48	45 42	52 51	36 36	30 30	24 24	29 29	40 40	46 36	45 35	3 2 1
Railroad shopsdo Other locomotives, total*do Equipment manufacturers*do	8 499 400	7 540 540	5 586	635 625	1 588	0 626	0 718	0 770	0 786	0 811	10 795	10 922	64
Equipment manufacturers*0 Railroad shops*do Exports of locomotives, total†do	499 0 253	540 0 192	586 0 195	635 0 180	588 0 186	626 0 143	717 1 262	770 0	785 1	810 1 98	794	921 1 78	64
Exports of locomotives, total ⁺	253 141 112	192 49 143	195 78 117	180 119 61	180 73 113	143 71 72	262 133 129	106 19 87	133 57 76	98 9 89	62 17 45	78 18 60	
INDUSTRIAL ELECTRIC TRUCKS AND TRACTORS		110			110	12	140	01	10	09	40		
Shipments, totalnumber	276	330	320	273	320	420	349	321					
Domesticdododo	258 18	306 24	294 26	251 22	283 37	377 43	307 42	288 33					
7 Revised. * Data not available. 7 Re	<u> </u>			1		l							

* Bevised. * Data not available. 6³ Revisions not shown above: September 1946, 7,587; October 1946, 4,934.
 ¹ Includes wool produced for Government orders not included in the detail, first quarter, 320 thousand yards; second quarter, 2,214 thousand yards (revised); third quarter, 3,576 thousand yards; prior to 1947, Government orders were distributed to the proper classifications.
 ⁴ Data for January, April, July, and October 1947 are for 5 weeks; other months, 4 weeks. The note in April 1946 Survey with regard to changes in these series.
 ⁵ Data continue series published in the 1942 Supplement but suspended during the war period. For 1940-45 data for factory sales of motor vehicles see p. 24 of June 1947 Survey. Data for October 1941-Foruary 1945 for the foreign trade series will be published later. See note on p. S-40 of Mayu 1947 Survey. See note on p. S-39 of July 1947 Survey for source of data on wool yarn production and explanation of a revision in the data in that issue, and p. 5-40 of the April 1947 Survey for source and earliest data published for truck trailers. Data beginning January 1946 Survey series. Export series for total and "other" locomotives were revised in the May 1946 Survey (see note in that issue).

INDEX TO MONTHLY BUSINESS STATISTICS, Pages S1-S40

Pages marked S Abrasive paper and cloth (coated)
Abrasive paper and cloth (coated)
Agricultural mages, loans
Aircraft 10, 11, 12, 13, 14, 40
Alcoholic beverages
Animal fats, greases 24 Anthracite 2, 4, 11, 12, 13, 14, 36 Apparel, wearing 4, 6, 7, 8, 10, 11, 12, 13, 14, 38, 39 Armed forces 9
Apparel, wearing 4, 6, 7, 8, 10, 11, 12, 13, 14, 38, 39 Armed forces
Armed forces 9 Asphalt and asphalt products 37 Automobiles 2, 3, 7, 8, 10, 11, 12, 13, 14, 18
Banking 15, 16
Barley 27 Barrels and drums 33
Beef and veal
Beverages, alconolic 2, 2, 20 Bituminous coal 2, 4, 11, 12, 13, 14, 36
Bonds, issues, prices, sales, yields
Book publication 36
Brick 4, 38 Brokers' Joans 15, 18
Building contracts awarded
Banking 15, 16 Barley 27 Barrels and drums 33 Bettery shipments 34 Beef and veal 29 Beverages, alcoholic 2, 26 Bituminous coal 2, 4, 11, 12, 13, 14, 36 Boilers 34 Bonds, issues, prices, sales, yields 19 Bene black 24 Book publication 36 Brass 33 Brick 4, 38 Brokers' loans 15, 18 Building contracts awarded 5 Building construction (see Construction.) 5 Building materials, prices, retail trade _ 4, 7, 8 Businesses operating and business turn-over. 3 Butter 27
Businesses operating and business turn-over 3 Butter
Candy
Capital flotations
Cattle and calves28 Cattle and calves28
Cement 2, 4, 38
Chain-store sales 8
Chemicals 2, 3, 4, 10, 11, 12, 14, 18, 23, 24
Cigars and cigarettes
Clothing5, 7, 8, 10, 11, 12, 13, 14, 38 Cool 2, 4, 11, 12, 13, 14, 38
Cocoa
Coke2, 36 Commercial and industrial failures3
Construction:
Construction: New construction, dollar value
Dwelling units scheduled to be started 5 Highway 5, 11
Employment, wage rates, earnings, hours9, 10 11, 12, 13, 14
11, 12, 13, 14 Consumer credit
Consumers' price index 4 Copper 33
Consumer credit. 16 Consumer expenditures. 17 Consumers' price index. 4 Copper. 33 Copra and coconut oil 25 Corn. 19,28 Cost-of-living index (see Consumers' price 4
Cost-of-living index (see Consumers' price index)
Cotton, raw, and manufactures 4 Cottonseed, cake and meal, oil 25 Crops 1, 2, 4, 24, 26, 27 Currency in circulation 18
Cottonseed, cake and meal, oil 25 Crops 1, 2, 4, 24, 26, 27
Dairy products 1, 2, 4, 27
Debits, bank15 Debt, short-term, consumer16
Debt, United States Government 16 Department stores, sales, stocks, collections 8, 9
Deposits, bank 15, 18 Disputes, industrial 13
Distilled spirits 26, 27 Dividend payments and rates 1, 19
Currency in circulation 18 Dairy products 1, 2, 4, 27 Debits, bank 15 Debt, short-term, consumer 16 Department stores, sales, stocks, collections 8, 9 Disputes, industrial 13 Distilled spirits 26, 27 Dividend payments and rates 1, 19 Drug store sales 8
Earnings, weekly and hourly 13, 14, 15
Earnings, weekly and hourly13, 14, 15 Eggs and poultry14, 29 Electrical equipment27, 34 Electric power production, sales, revenues26 Employment estimates9, 10, 11
Employment indexes:
Factory, by industries
Emigration and immigration
Expenditures, United States Government
Explosives 24 Exports (see also individual commodities) 20, 21 Factory, employment, pay rolls, hours, wages 9,
Foiluppe industrial and communical
Failures, industrial and commercial
Farm marketings and income
Federal Government, finance
Federal Reserve reporting member banks 15 Fertilizers
Fertilizers

Fish oils and fish	Pages ma	24, 28
Flaxseed Flooring		25 31
Flour, wheat Food products	17 06 07	28 2,
Footwear2, 4, 8, 10, Foreclosures, real estate	12, 13, 14,	30, 31
Foreign trade, indexes, shipping wei by regions, countries, economic cl	ght, value	v
commodity groups	20,	21, 22 34
Freight cars (equipment) Freight carloadings, cars, indexes		40 22
Freight-car surplus and shortage Fruits and vegetables		22 2, 4, 27
Fuel colls	0 4 25	33 37 26 27
Flour, wheat Flour, wheat Foot products 3, 4, 5, 7, 8, 10, 11, 12, 13, 14, Footwear Foreign trade, indexes, shipping wei by regions, countries, economic cl commodity groups Foundry equipment Freight carloadings, cars, indexes Freight-car surplus and shortage Fruits and vegetables Fuel equipment and heating apparat Fuels Furnaces Furniture 2, 4, 10, Gas, customers, sales, revenues	2, 4, 35,	33, 34
Gas, customers, sales, revenues	-	26
Gasoline Glass and glassware (see also Stone, c	lay, etc.).	37 38 23
Gelatin Gloves and mittens Glue		31 24
Gimagein		94
Gold Goods in warehouses Grains. Gross national product Gypsum	4, 19,	, 27, 28
Gross national product		1 38
Heating and ventilating equipment.		34 4.30
Highways Hogs Home-loan banks, loans outstanding		5, 11 28, 29
Home mortgages		6 6
Hosiery Hotels Hours of work per week Housefurnishings	11,	5,38
Housefurnishings		4, 7, 8
Immigration and emigration		23
Immigration and emigration Imports Income, personal	20, 	, 21, 22 1 16
Income-tax receipts Incorporations, business, new Industrial production indexes		32
Instalment loansInstalment sales, department stores.		16 8
Insurance, life		17 15
Inventories, manufacturers' and trad Iron and steel, crude and manufactu	le	3, 9 2,
Iron and steel, crude and manufactu 3, 4, 10, 11, 12 Kerosene	, 13, 14, 18,	
Labor force Labor disputes, turn-over		9 13
Lamb and mutton		29 29
Lead Lead 2, 4, 10 Linsecd oil, cake, and meal Livestock Loans, real estate, agricultural, bank (see also Consumer credit)	, 11, 12, 13,	, 14, 30
Livestock. Loans, real estate, agricultural, bank	1, 2 , brokers'	2, 4, 28
(see also Consumer credit) Locomotives	6, 6,	, 15, 19 40
LocomotivesLubricants2, 4, 10		39 37
Machine activity, cotton, wool	, 11, 12, 13, 	, 14, 31 39
Machine tools 2, 10, 11	10, 11, 12, , 12, 13, 14,	14, 34 18, 34
Magazine advertising Mail-order houses, sales Manufacturers' orders, shipments, in	ventorias	6,7 8,9
Manufacturing production indexes Meats and meet packing 2.4	10.12.13	2 14, 20
Metals 2, 4, 10, 11 Methanol	, 12, 13, 14,	18, 33 24
Milk Minerals	, 10, 11, 12,	27 , 13, 14
Machine activity, cotton, wool Machinery. Machinery. 11 Magazine advertising		18 6, 15
Motor vehicles		37 7,40
National product and income		1
Newspaper advertising Newsprint New York Stock Exchange		6, 7 35
Oate		28
Oil burners	4,	34 24, 25
Oil burners	rn-over	25 3 3
Paint and paint materials	3, 5, 10, 11,	14, 35 35
Passports issued Pay rolls, manufacturing and nonma	nufactur-	23
ing industries Personal income		11, 12 1
Personal savings and disposable income Personal savings and disposable income Petroleum and products 2, 3, 4, 10, 11, Pig ironPlastic products Plastic products	me	1 2,
2, 3, 4, 10, 11, Pig iron	12, 14, 18,	30, 37 32
Plastic products Plywood		26 31
		51

Pages marked	
Dostal hypinese	29 7
Postal savings Poultry and eggs	29
Received and paid by farmers Retail price indexes Wholesale price indexes 4 Printing 2, 10, 11, 14, 17 Profits, corporation Public assistance Public utilities 1, 4, 5, 11, 12, 13, 14, 16, 18, 19, 19 Pulnan Company Pulnwood	4 .5
Printing2, 10, 11, 14, Profits, corporation2	36 18
Public assistance Public utilities 1, 4, 5, 11, 12, 13, 14, 16, 18, 19,	15 20
Pullman Company Pulpwood	~~
Purchasing power of the dollar	34 5
Radio advertising	40 , 7
Radio advertising 6 Railways, operations, equipment, financial statistics, employment, wages 11, 12, 13, 14, 15, 17, 18, 19, 20, 22, 11, 12, 13, 14, 15, 17, 18, 19, 20, 22, 12, 12, 13, 14, 15, 17, 18, 19, 20, 22, 12, 12, 12, 13, 14, 12, 13, 14, 12, 13, 14, 14, 12, 13, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14	, ' 1.
11, 12, 13, 14, 15, 17, 18, 19, 20, 22, Railways, street, (See Street railways, etc.)	40
Rayon, and rayon manufactures. 5, 10, 11, 12, 13, 14,	2, 39
Receipts, United States Government Reconstruction Finance Corporation, loans	16 17
Rents (housing), index. Retail trade, all retail stores, chain stores,	4
department stores, mail order, rural sales, general merchandise	, 9
Roofing and siding, asphalt	28 37
Rubber, natural, synthetic and reclaimed,	24 20
Rubber industry, production index, shipments,	30
earmugs 2.3, 10, 12,	14
Savings, personal	16 1
Service industries employment	a
Sewer pipe, clay Sewing machines Sheep and lambs	38 34
Sheep and lambs	29 14
Shoes 2, 4, 8, 10, 11, 12, 13, 14,	31
Silver	25
Slaughtering and meat packing. 2, 10, 11, 12, 14, 27,	30 28
Spindle activity, cotton, wool	39 39
Iron and steel. 32, Steel, scrap 31, Stocks, department stores (see also Manufac- trong) inventoriations of the stores (see also Manufac-	33 32
Stocks, department stores (see also Manufac- turers' inventories)	<u>م</u> ر و
Stocks, dividends, issues, prices, sales, yields_ 19, Stokers, mechanical	20 34
Stocks, department stores (see also Manufac- turers' inventories)	2, 38
Street roilways and busses 11 12 13	ĭ4
Sugar Sulphur	29 24
Superphosphate	23 24
Tea. Telephone, telegraph, cable, and radio-telegraph carriers. 11, 12, 13, 14, 14, 12, 13, 14, 14, 12, 13, 14, 14, 12, 13, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14	30
graph carriers 11, 12, 13, 14, Textiles 2, 3, 5, 10, 11, 12, 13, 14, 38, 39	23 40
Tile Tin	38 33
Tires and inner tubes	38 30
Tools, machine	34 14
Transportation, commodity and passenger 22,	22 23
3, 10, 11, 12, 13, 14, 18,	2, 40
Travel 3, 10, 11, 12, 13, 14, 18, 22, 71000000000000000000000000000000000000	40 40
	24
Unemployment and unemployment compensa- sation9,	13
sation 9, United States Government bonds 16, 18, United States Government, finance 16, Utilities 4, 5, 9, 11, 12, 13, 14, 18, 19,	19 17
Voriety stores	34 8
Vegetable oils	27
Veterans' unemployment allowances	13
Wages, factory and miscellaneous 13, War expenditures 16.	14 17
War expenditures	6 7
Washers Water heaters	34 34
Washers Water heaters Wheat and wheat flour19, Wholesale price indexes4	28 , 5
Wood pulp 2, 5, Wool and wool manufactures 5, 10, 11, 12, 13, 14,	2, 40
	33