

FEDERAL RESERVE BULLETIN

DECEMBER 1952



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FEDERAL RESERVE BULLETIN

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RECENT CREDIT EXPANSION

Demand for credit has been large in 1952 and growth in the total of long-term and short-term credit outstanding has been substantial, particularly in recent months. Businesses and consumers have expanded their borrowing throughout the year to help finance large expenditures for plant and equipment, housing, and durable consumer goods. Business borrowing for seasonal and other purposes has also been large in the last half of the year, following a less than seasonal decline in the first half. Increased borrowing by State and local governments to finance capital improvements has added further to the demand for credit. Since midyear the Federal Government has also been a borrower.

To a considerable extent, credit expansion has been financed with funds accumulated by individuals in savings institutions. There has been a continuing large growth in savings deposits, savings and loan shares, insurance and pension reserves, and certain other savings forms. In addition, State, local, and foreign governments have supplied an increased amount of short-term funds to the money market, and since midyear non-financial corporations have bought large amounts of Treasury bills. Such funds have become available from cash reserves and temporarily idle working balances, from cash proceeds of financing operations completed in advance of actual disbursements for various capital projects, and, in the case of corpo-

rations, from balances accumulated for tax payments.

At commercial banks, loan expansion has been substantial in 1952. Commercial banks have also increased their portfolios of Government securities, although the level of their holdings has fluctuated considerably since midyear, increasing in connection with the major new financing operations of the Treasury but subsequently declining somewhat as banks sold short-term Government securities to other investors. The expansion in deposits of businesses and individuals which accompanied growth in bank credit in 1952 has been largely in the form of time deposits and only to a moderate extent in demand deposits—a development which contributed to sustained high level activity without further inflation.

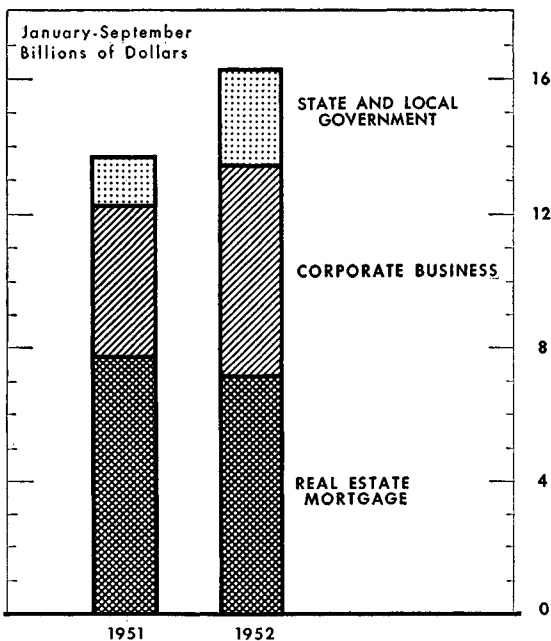
To obtain the additional reserves required by total deposit expansion, member banks found it necessary to increase significantly their borrowing at the Federal Reserve Banks. Since borrowing from the Federal Reserve is only a temporary means of adjusting a bank's reserve position, the increase in such borrowing exerted a restraining influence on monetary expansion.

CREDIT DEMAND IN CAPITAL MARKETS

The capital markets have supplied an exceptionally large volume of funds in 1952. During the first nine months the increase in real estate mortgage indebtedness, together

with growth in long-term financing of business corporations and State and local governments, totaled an estimated 16.3 billion dollars—nearly one-fifth more than in the corresponding period last year. A smaller growth in real estate mortgage indebtedness this year was more than offset by greater increases in long-term corporate business and State and local government debt, as is shown in the chart. In the case of business corporations, the increase this year was nearly two-fifths greater than last, while growth in State and local government debt was more than twice that of 1951.

GROWTH IN LONG-TERM FINANCING SELECTED TYPES



NOTE.—Estimates by Federal Reserve on basis of data from Securities and Exchange Commission, *Bond Buyer*, Census Bureau, Home Loan Bank Board, and Department of Agriculture. Corporate business includes long-term debt and equity financing.

Corporate security issues. New capital raised by business through security issues in 1952 has been much greater in volume than in any recent year and may reach an all-time high. Public offerings and take-downs on

private placements with insurance companies for the first ten months of the year are estimated at 7.6 billion dollars, which exceeds the total for the full year 1950 or 1951.

A somewhat higher level of business expenditures for new plant and equipment, a marked decline in corporate funds retained from operations, and the funding by some companies of debt owed to commercial banks all contributed this year to an increased corporate demand for long-term financing, both debt and equity. Business expenditures for new plant and equipment, including those of unincorporated concerns, are expected to reach a record high of about 27 billion dollars for the year 1952.

While corporate funds retained from operations (profits before taxes plus current depreciation accruals, less Federal income tax and dividend payments) are estimated to have increased appreciably from the second to the third quarter, the total for the first nine months of 1952 was probably about one-third less than in the same period of 1951. Some further increase is expected for the fourth quarter, but the volume of funds available from internal sources for the full year will be somewhat less than in 1951.

Electric and gas utility companies have floated an especially large volume of securities this year, in part to place on a more permanent basis borrowing from banks for the initial financing of plant and equipment expenditures. Manufacturing concerns have also issued substantial amounts of securities. The principal issuers were in chemical, machinery, petroleum, and steel industries where facilities are being expanded in accordance with defense program objectives of increasing productive capacity for strategic materials and specialized equipment.

Relative costs have continued to favor debt financing over common and preferred stock

financing, although there have been increased efforts to obtain equity capital, particularly through issuance of debentures convertible into stock. The treatment of interest as a deductible expense for income tax purposes and the yield and underwriting differentials necessary to attract investment funds into equity shares continued to encourage borrowing as a source of funds. Moreover, institutional investors, such as life insurance companies, commercial and mutual savings banks, and pension and trust funds, invest primarily in debt obligations, and these institutions have continued to supply the greater part of external long-term funds for business. Direct placements with institutional investors, which have accounted for two-fifths of all corporate security issues during the postwar period, continued in about that proportion during the first three quarters of 1952.

State and local government borrowing. State and local governments accelerated expenditures for construction of schools, highways, and other public facilities in 1952. The bulk of such capital expenditures is financed out of borrowed funds rather than current revenues, and preliminary estimates for the year indicate that the amount of State and local government security issues may exceed 4.5 billion dollars, about one-third more than last year. The volume of prospective issues already announced, together with those approved by voters in the recent election, indicates a sustained large amount of State and local government financing in 1953.

Real estate mortgage credit. The number of new houses completed and sold during the first ten months of 1952 was somewhat smaller than in the same period of 1951, but transfers of existing properties were more numerous. In mortgage financing this was

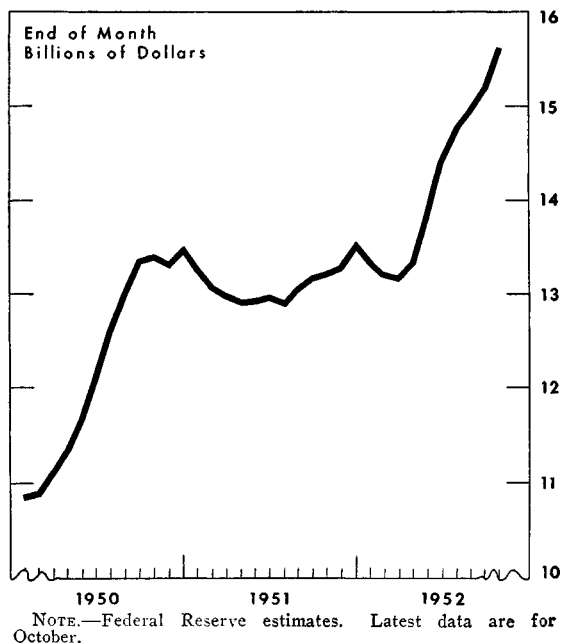
reflected in a volume of new mortgage loans on small properties that was about one-tenth larger in the January-October period of 1952 than a year earlier.

Total outstanding mortgage debt, however, has been increasing less rapidly this year than in 1951. This reflects a much smaller volume of mortgages written on commercial and multi-family residential properties, as well as a larger volume of repayments on outstanding mortgage debt.

CONSUMER CREDIT

Consumer borrowing has risen sharply following the suspension of consumer instalment credit regulation on May 7. Expansion has been concentrated in instalment credit. With credit terms eased considerably, more durable goods purchases have been financed on credit, and more credit has been granted on individual purchases. As shown in the chart, the increase in instalment credit outstanding was rapid in May and June. It

CONSUMER INSTALMENT CREDIT



slackened somewhat in July and August, largely as a result of the prolonged steel strike, which curtailed production of automobiles and some other consumer durable goods. The increase since September has again been very large. The ratio of consumer instalment credit granted to expenditures for durable goods is now back to pre-war relationships.

FEDERAL TREASURY FINANCING

The Federal Government, which on a cash basis had a balanced budget in the fiscal year ending June 30, 1952, began in July to operate at a deficit. While the actual cash deficit for the current fiscal year cannot be gauged accurately at this stage, it may amount to several billion dollars. Seasonal patterns in tax collections will probably result in a cash deficit in the June-December 1952 period in excess of the deficit for the full fiscal year. During this half-year the Treasury will probably have borrowed from the public a net amount of about 7 billion dollars.

The first borrowing for the fiscal year 1953 was the sale on July 1 of over 4 billion dollars of fully marketable bonds. These bonds, which mature in 1958, were the largest Treasury issue for new money since 1945. They were initially allotted almost entirely to nonbank subscribers, some of whom financed their purchases through loans from commercial banks. In the period immediately following the offering, banks purchased a large amount of these bonds in the market.

The remainder of the Treasury's recent financing program has been accomplished by temporary borrowing through tax anticipation bills. Early in October the Treasury issued 2.5 billion dollars of such bills acceptable in payment for taxes next March 15

or redeemable for cash on March 18. This issue was sold at an average rate of 1.72 per cent. In November an additional 2 billion dollars of tax anticipation bills, acceptable for taxes on June 15 or redeemable for cash on June 19, was auctioned at an average rate of 1.85 per cent. Initially, both of the issues were acquired almost entirely by commercial banks, with subsequent distribution made in the market to corporations and other investors as they accumulated funds for tax payments due in March and June.

Some of the funds obtained through these recent security issues have been absorbed by cash redemptions of maturing marketable securities and the excess of redemptions over sales of savings securities. The volume of savings notes outstanding, after declining almost a billion dollars in the first half of the year, has since declined further, reflecting a shift by corporate investors to marketable securities, which under recent market conditions have yielded higher returns. Following a change in savings bond terms in May, sales and redemptions (valued at issue price) have come nearly into balance after a period of more than a year when redemptions exceeded sales, sometimes by large amounts. Since May there has been a small increase in the amount of savings bonds outstanding, reflecting the accrual of discount on bonds.

SOURCES OF LONG-TERM CREDIT

An increased proportion of the credit in 1952 has been supplied from savings accumulated by individuals. Financial assets of individuals have expanded greatly through deposits in savings accounts at commercial banks and mutual savings banks, additions to shares in savings and loan associations, and growth in life insurance company resources, as is shown in the chart. In the first ten months of 1952, this growth

RECENT CREDIT EXPANSION

totaled 9.2 billion dollars, as compared with 6.8 billion in the same period last year. In addition to making a substantial volume of funds available for investment by intermediary institutions, individuals have increased their direct purchases of corporate and State and local government securities.

The increased volume of savings accumulated at major savings institutions other than commercial banks has been used almost entirely to finance capital expenditures by businesses and consumers, with a particularly large amount of credit granted to business for plant and equipment outlays. In the first ten months of the year, these savings institutions expanded their holdings of corporate

INCREASE IN ASSETS OF CERTAIN MAJOR INSTITUTIONAL INVESTORS
[In billions of dollars]

Asset and institution	January-October	
	1951	1952
Total assets.....	5.8	7.7
<i>Business loans and securities</i>	2.4	3.3
Life insurance companies.....	2.2	2.7
Mutual savings banks ¹	0.2	0.6
<i>Real estate mortgages</i>	5.6	4.9
Life insurance companies.....	2.8	1.7
Mutual savings banks.....	1.4	1.2
Savings and loan associations ²	1.4	2.0
<i>United States Government securities</i>	-2.9	-0.9
Life insurance companies.....	-2.1	-0.7
Mutual savings banks.....	-0.9	-0.3
Savings and loan associations ²	0.1	0.1
<i>Other loans, investments, and assets</i>	0.7	0.4
Life insurance companies.....	0.6	0.3
Mutual savings banks.....	0.1	(³)
Savings and loan associations ²	(³)	0.1

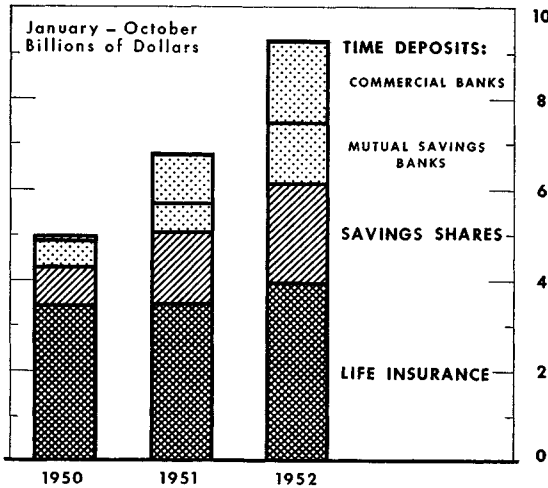
¹ Includes changes in holdings of State and local government securities.

² First nine months.

³ Less than 50 million dollars.

Source.—Institute of Life Insurance, Federal Reserve System, Home Loan Bank Board.

GROWTH IN SAVINGS - SELECTED FORMS



NOTE.—Data from Institute of Life Insurance, Home Loan Bank Board, and Federal Reserve. Increase in savings and loan shares estimated by Federal Reserve on basis of data for January-September. Life insurance represents increase in total assets.

securities by about 3.3 billion dollars, as is shown in the table. This investment compares with 2.4 billion in 1951. Holdings of real estate mortgages by these institutions increased 4.9 billion dollars in 1952—somewhat less than last year.

To a large extent the greater attraction of institutional investor funds into corporate

securities reflected the higher yields on corporate obligations, as compared with yields on mortgages, particularly Government insured and guaranteed mortgages. Acquisitions of FHA-insured mortgages by life insurance companies, for example, have been one-fourth smaller this year than last, and acquisitions of VA-guaranteed mortgages have been two-thirds smaller. For conventional mortgages, on which interest terms are more flexible, acquisitions by life insurance companies have shown only a small decline.

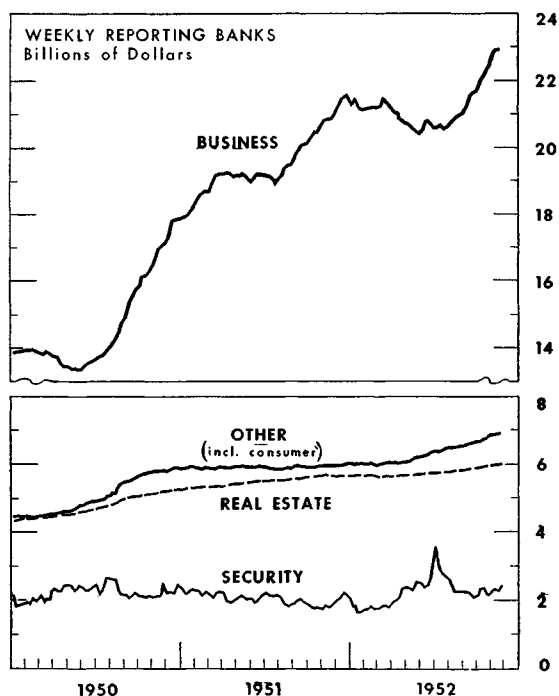
BANK CREDIT EXPANSION

Total loans at commercial banks, excluding interbank loans, increased about 4 billion dollars during the first ten months of both 1951 and 1952. From the middle of this year through October, however, such loans rose about 2¾ billion dollars, considerably more than in the corresponding period of 1951. The recent loan expansion has been dominated by a large but essentially seasonal growth in loans to business enterprises and

a sharp expansion in consumer instalment credit. Real estate and agricultural loans have also increased.

Business borrowing from commercial banks has been large since midyear, as is shown in the chart, but the increase until recent weeks was about the usual seasonal volume. From June through October, business loans at weekly reporting banks increased about 1.7 billion dollars as compared with 1.4 billion during the same period of 1951 and 2.7 billion in 1950. In November, however, the expansion was considerably larger this year than last. Seasonal growth in business borrowing from banks usually begins about mid-July, quickens from about mid-August through mid-November, and then slackens through mid-December. This year the rise began later than usual, lagged in August, but picked up sharply thereafter.

BANK LOANS



NOTE.—Business includes agricultural loans. Latest data are for November 26.

The growth in bank loans to businesses from midyear through October was largely concentrated in those industries—food manufacturers, commodity dealers, and trade concerns—that customarily borrow in the fall. There was also an expansion in loans to petroleum and chemical companies and to sales finance companies, the latter reflecting the growth in consumer instalment credit. In the fall of 1951 there was a large growth in credit to concerns engaged in defense and defense-related activities, mainly metal and metal product manufacturing and public utilities. This year, loans to these concerns were fairly stable through October, but increased thereafter.

Consumer instalment loans at commercial banks have expanded rapidly since May when regulation of the terms of such borrowing was suspended. In the period May-October, consumer instalment credit at banks increased 1.2 billion dollars, about half of the rise in total instalment borrowing by individuals over this period. Banks have also financed consumer purchases indirectly through an increase in their lending to finance companies and retailers.

Real estate loans at commercial banks have increased more this year than last, but bank lending in this area continues to be less than in the early postwar period. Increases in real estate loans have been primarily at small and medium-sized banks.

Since midyear agricultural loans of banks have increased at a somewhat more rapid rate than a year ago. The rise has been primarily in Federally guaranteed loans made in connection with the price support program for wheat.

Commercial bank holdings of State and local government securities continued to increase through August at about 100 million dollars a month, approximately the rate of

growth shown over the last several years. Since August, however, total bank holdings of these securities have declined somewhat, reflecting primarily a contraction at New York City banks.

Commercial bank credit has played an important role in the new financing operations carried out by the Treasury since mid-1952, as is shown in the chart. Initially, banks bought Government securities and subsequently sold the same or other Government securities to nonbank investors. Of the $4\frac{1}{4}$ billion dollars of Treasury intermediate-term bonds issued in early July, commercial banks absorbed over half, largely through market purchases. In the three months July-September, however, the weekly reporting banks reduced sharply their holdings of short-term Government securities, so that their total portfolios at the end of September were smaller than at the end of June.

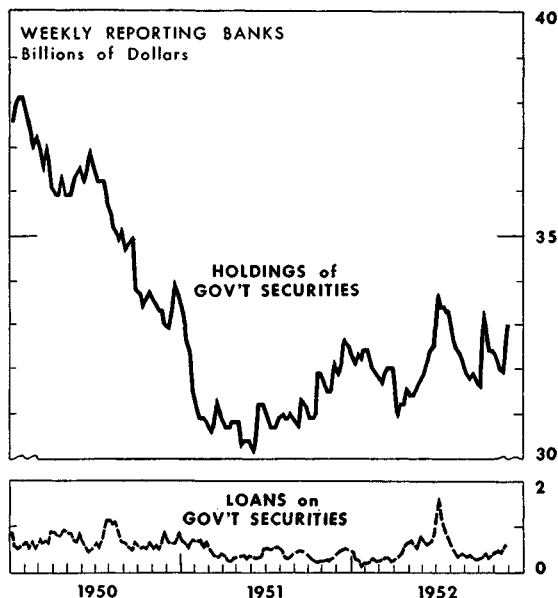
Treasury tax anticipation bills offered in early October and in late November were

originally taken up almost wholly by commercial banks, which find it profitable to subscribe for such offerings to obtain Treasury tax and loan deposits. As the borrowed funds have been drawn on by the Treasury, however, banks have been under pressure to sell these or other short-term securities. During October, as the chart shows, weekly reporting banks increased their holdings of Government securities when the tax anticipation bills were issued and thereafter sold securities in the market to other investors.

Total commercial bank holdings of Government securities have increased since June, largely at country banks. In the third quarter, Government security portfolios of these banks are estimated to have increased 800 million dollars, whereas holdings of New York City banks declined 600 million, and the portfolios of other large city banks showed little net change.

Expansion of bank credit and deposits in 1952 through November has not been accompanied by an increase in reserves supplied through Federal Reserve open market operations. Member banks have been obliged to borrow increasingly from the Federal Reserve Banks in order to maintain the reserve positions required by law. Member bank borrowing from the Federal Reserve outstanding in November averaged about 1.5 billion dollars, as compared with only about 350 million dollars a year ago and about 500 million in the spring of this year. From the standpoint of the individual bank, borrowing is only a temporary source of reserve funds. As such borrowing increases, banks have a growing need to make other adjustments that will restore their reserve positions. To make such adjustments, borrowing banks are under pressure to liquidate assets or at least to curtail further credit expansion.

BANK FINANCING OF U. S. GOVERNMENT



NOTE.—Latest data are for November 26.

RECENT CENTRAL BANKING DEVELOPMENTS IN SOUTHEAST ASIA

Postwar political changes in almost every Asian country have led to a variety of economic and financial reforms. Prominent among these is the establishment or modification of central banks. New central banks have been established in no less than five countries in the area extending from the Philippines to Pakistan, while in two other countries important changes affecting existing central banks have been made. In most of these countries it is still too early to tell how effective the central banks and the new powers of credit and monetary regulation will prove to be. The purpose of this article is primarily to review the changes which have taken place and to examine the types of laws and institutions adopted to meet the central banking needs of the nations in this area.¹

Most of the changes have resulted from the emergence of independent states and the redrawing of national boundaries. Thus, central banks have been set up for the first time in the Philippines, Ceylon, Burma, and Pakistan. Indochina, previously served by a bank of issue, has an entirely new institution created to meet the difficult problems arising from the establishment of the three Associated States of Indochina. In India and Indonesia existing central banks have been nationalized, and other important changes have either been introduced or are now under consideration.

THE PHILIPPINES

Before achieving independence in 1946, the Philippines had not developed a central monetary and banking authority. Broadly speaking, the Philippine peso was based on a 100 per cent U. S. dollar reserve, and the currency was issued principally by the Philippine Treasury. Variations in the size of the issue corresponded with the rise and fall in the country's U. S. dollar reserves, creating great difficulty in cushioning the domestic economy from the deflationary effects of adverse short-term fluctuations in the balance of payments. Such flexibility as existed was provided by the credit operations of the commercial banking system, which in turn were restricted in part by the banks' need to maintain

very high reserve ratios in the absence of central bank lending facilities. With the attainment of independence it was recognized that the stability, growth, and development of the domestic economy could be facilitated by the establishment of a more flexible credit and monetary system.

Establishment of a central bank. The Central Bank of the Philippines was one of the first of the new Asian central banks. Authorized by the Central Bank Act of June 15, 1948, it commenced operations early in 1949 as an entirely new institution, not a replacement or modification of any existing bank. The new Central Bank is a completely Government-owned and controlled institution with the statutory objective of maintaining monetary stability, preserving the international stability and convertibility of the peso, and promoting the orderly growth of production, employment, and real income. It performs banking operations only for other banks and the Government, and is authorized to deal directly with the public only in the course of its open market operations. In addition to sole responsibility for the note issue, the Bank has broad regulatory authority over the credit and exchange operations of the banking system and has the right to examine all banks periodically. It has responsibility for developing and maintaining a market for Government securities and serves as the Government's general fiscal agent and adviser on financial and economic matters.

Philippine central banking legislation gives considerable attention to the problem of attaining coordination of monetary and fiscal policies. The Secretary of Finance is a member of the seven-man Monetary Board which determines Central Bank policy and is authorized to preside at its meetings. The Governor of the Bank, also a member of the Monetary Board, is an *ex-officio* member of the National Economic Council. These arrangements derive from the idea that the Monetary Board should be in a position to influence Government policy.

The legal tie between the peso and the U. S. dollar was not entirely removed. Under the Executive Agreement between the United States and the Philippines, pursuant to the Philippine Trade Act of 1946, the approval of the President of the

¹ This article was written by Reed J. Irvine under the direction of Arthur C. Bunce, Chief of the Far East Section of the Board's Division of International Finance.

United States is required before the Philippines can alter the exchange rate, suspend convertibility, or restrict the transfer of funds to the United States. Nevertheless, the Philippine international reserve is no longer restricted to dollars, and no minimum ratio between the size of the reserve and the amount of currency in circulation is prescribed by law. The Republic is free to adjust the currency issue independently of balance-of-payments fluctuations.

The Philippines' balance of payments, which had been unfavorable in 1948, deteriorated very rapidly in 1949, despite the imposition of import controls early in the year. This was due to a drop in exports and a large capital outflow. To halt the alarming drain of foreign exchange reserves, the Philippine Congress passed legislation instituting exchange controls in December 1949. On March 28, 1951, a 17 per cent tax on sales of foreign exchange was put into effect. Both of these measures received the required approval of the President of the United States.

The Bank possesses a number of anti-inflationary weapons, including the power to conduct open market operations, using securities of its own issue for this purpose when necessary. It may vary the discount rate in accordance with the character and terms of the credit requested and the requirements of national monetary policy. It also has broad power to alter reserve requirements on commercial bank deposits. These may be varied within the range of 10 to 50 per cent against demand deposits and 5 to 25 per cent against time deposits. The reserves must ordinarily consist of deposits with the Central Bank, but the Monetary Board may permit part of the reserves to be held in the form of other assets. It has from the beginning permitted up to five-eighths of the required reserves to be held in the form of Government securities. When the Monetary Board sees fit, it may bar further credit expansion by requiring maintenance of reserves as high as 100 per cent against any further increase of deposits.

The Central Bank may also regulate specific types of credit. It may (a) set maximum rates of interest, commissions, and charges which banks may apply to different types of loans, (b) prescribe minimum cash margins for opening letters of credit, with authority to relate the size of the required margin to the nature of the transaction to be financed, (c) set maximum permissible maturities for bank loans and investments and indicate the

type and amount of security to be required, (d) set an upper limit on the total loans or investments a bank may hold, either in the aggregate or by specific categories, or limit the rate of increase of such assets within a specified period of time, and (e) require observance of minimum ratios of capital and surplus to volume of assets or specified categories of assets.

The Central Bank has the usual central bank authority to rediscount and lend against commercial paper. Paper having relatively long maturity may qualify as eligible for these purposes, the limit being 180 days for acceptable paper resulting from commercial transactions, and 270 days for bills related to processing and production. Advances may also be made against gold and securities for periods of 180 days. The maturity for advances secured by acceptable collateral may be extended to a maximum of one year under special circumstances. In periods of grave emergency the Monetary Board is authorized to make advances secured by any collateral approved by at least five of its seven members.

The Bank is permitted to make provisional short-term advances to the Government and its political subdivisions to finance authorized expenditures, but such advances may not exceed 15 per cent of the borrower's average revenues for the three preceding years and must be repaid before the end of the first quarter of the following fiscal year. The Bank is also authorized to make loans to the Rehabilitation Finance Corporation under special circumstances. With these exceptions, the Bank may purchase Government securities only for reasons of monetary policy. However, under authority that expired June 30, 1951, the Bank was permitted to make loans to the Government against the security of Government bonds having a maximum maturity of 15 years. The total of such loans could not exceed 200 million pesos and the uses to which the funds could be put were limited to productive and income-producing projects or the amortization of external debt.

Anti-inflationary measures. The Central Bank has made only moderate use of its anti-inflationary powers. The Bank publishes no discount rate, and it is not known what, if any, variations have been made in the rates it has charged. In general commercial banks have maintained substantial excess reserves, a condition which would operate to reduce the influence of both the discount rate and open market operations on their lending policy. Reserve:

requirements have remained at the level at which they were first set—18 per cent against demand deposits, 5 per cent against time deposits, and 10 per cent against deposit liabilities in foreign currencies.

In November 1949 the Bank imposed an 80 per cent margin requirement against letters of credit covering the import of specified nonessential goods, and banks were prohibited from granting credit facilities of any kind for financing such imports. These measures were directed toward strengthening import controls and curbing speculative credit expansion. In 1950 the Bank enjoined the Rehabilitation Finance Corporation from making further loans for residential construction. The Philippine National Bank, a Government-owned commercial bank, was ordered to halt the extension of credit to Government agencies and to make no loans to the public for speculative purposes. The Central Bank's advances to commercial banks were sharply contracted, but inflation, fed by a large budget deficit, did not abate.

In the latter part of the year, a policy of encouraging imports was adopted by the Government and the Central Bank encouraged credit expansion for this purpose. In the last half of 1951 the Bank adopted a more restrictive policy, especially with respect to letters of credit. It required that commercial banks have net foreign exchange holdings, excess reserves, cash in vaults, and securities in an amount equal to at least 70 per cent of their total letters of credit outstanding. Nevertheless, bank credit continued to expand until late in the first half of 1952.

The National Government ran budgetary deficits from 1949 to 1951, financed in part by Central Bank short-term credits. During this period the Central Bank also utilized the special authority described above to grant large long-term credits to both the Government and the Rehabilitation Finance Corporation. As a result, by the end of 1951 the Bank held 43 per cent of the total domestic public debt. In the 1952 fiscal year the budget was in balance and no further demands were made upon Central Bank credit for budgetary purposes. The Bank's holdings of Government obligations have been relatively stable since May 1951.

CEYLON

Legislation establishing the Central Bank of Ceylon was enacted in December 1949, and the Bank commenced operations on August 28, 1950. Previ-

ously, the Ceylonese monetary system had been under the supervision of a Currency Board, which maintained a 100 per cent foreign exchange reserve against the note issue. As in the Philippines, the domestic economy was unprotected from short-term adverse fluctuations in the balance of payments. Since the domestic banking system was underdeveloped and the interests of existing banks lay largely in the financing of foreign trade, it was felt that a modern central bank would assist in both the stabilization of the economy and the growth of banking and credit facilities necessary to the country's economic development. The background situation was very similar to that which existed in the Philippines, and the newly adopted central banking legislation resembled the Philippine Act in many respects.

The Bank is a State-owned institution, with overall responsibility for its management, operations, and policy centered in a three-man Monetary Board consisting of the Permanent Secretary to the Ministry of Finance and two members appointed by the Government, one of whom is the Governor of the Bank. The Governor is the only member expected to devote full time to the affairs of the Bank.

As in the Philippines, the 100 per cent foreign exchange currency reserve requirement has been eliminated as a feature of the monetary system. The Monetary Board determines whether or not there is actual or potential overexpansion of the currency or excessive drain on the foreign exchange reserves. The Board is required to watch certain economic indicators closely and to base its actions on their movements rather than on any prescribed legal reserve requirement.

Another important change in the monetary field is the redefinition of the value of the Ceylonese rupee in terms of gold, and the removal of its tie with the Indian rupee. The Central Bank may hold foreign exchange reserves in gold and unspecified foreign currencies, but the Act stipulates that the Bank should endeavor to hold at least a nuclear reserve in gold or in currencies freely convertible into gold. Previously, the reserves had been limited to Indian or sterling exchange.

The powers of the Central Bank of Ceylon to administer credit regulations, to provide credit for other banks, to examine banks, and to act as advisor as well as fiscal agent to the Government are generally parallel to those of the Philippine Central Bank. To promote monetary stability, it may ad-

just interest and discount rates, vary commercial bank reserve requirements within a range of 20 to 40 per cent for demand deposits and 5 to 20 per cent for time deposits, engage in open market operations, and apply selective credit regulations similar to those authorized in the Philippine Central Bank Act. As in the Philippines the maximum maturities for Central Bank loans against eligible securities are 180 days and 270 days, depending on the nature of the security, but extensions of up to one year may be granted in time of deflation.

The Bank's powers to lend to the Government are restricted. Provisional advances may not exceed 10 per cent of the estimated revenue of the Government for the fiscal year in which they are made and must be repaid within a maximum of six months. The Central Bank of Ceylon may not underwrite or subscribe to any issue of Government securities with the exception of Treasury bills, though it may purchase Government securities in the open market.

The Central Bank of Ceylon began operations in the midst of the post-Korean inflation, which was fed by both a substantial export surplus and a Government deficit. Although the Monetary Board did not at that time find that any significant volume of credit was being created for nonessential purposes, it cautioned the commercial banks against granting such credit as long as the inflationary danger persisted. The Central Bank also sought to retard the expansion of domestic credit by discouraging commercial banks from bringing their overseas balances to Ceylon. Total bank rupee reserves increased rapidly in the last quarter of 1950, reaching 210 per cent of required reserves in December. In order to reduce the risk of an unneeded expansion of credit, the Monetary Board raised the reserve requirements against demand deposits from 10 per cent to 14 per cent. This brought total reserves down to 147 per cent of the required minimum in January 1951.

The Bank expressed the view in its Annual Report for 1950 that the Government's fiscal policy had been seriously inflationary and strongly urged that it be changed. In 1951 the budget was very nearly balanced and inflationary pressure was reduced. At the same time the Central Bank endeavored to make more effective use of credit and monetary policies. The Bank requested that commercial banks refrain from subscribing to a long-term loan floated by the Government. The loan was completely taken up by nonbank buyers, and

the Government substantially reduced the floating debt held by commercial banks. The Central Bank conducted open market operations which were moderately disinflationary. On the other hand, the Bank imposed no new credit restrictions in 1951, and reversed its policy of discouraging the transfer of overseas balances to Ceylon. The Bank decided that inflation had largely run its course and that a long-run policy of encouraging the banks to invest in Ceylon could be safely inaugurated.

BURMA

The most recent central banking legislation adopted in Southeast Asia is that providing for the reorganization of the Union Bank of Burma, which went into effect July 1, 1952. This legislation follows the Philippine and Ceylonese pattern in many respects, but it has also been influenced by Indian practice.

Early postwar legislation. Before the war the Reserve Bank of India issued currency and performed other central banking functions for Burma. This arrangement was upset by the war, the postwar political and administrative changes resulting from Burma's attainment of independence and withdrawal from the British Commonwealth. The Currency and Coinage Act of 1946 entrusted the issue and management of the currency to a Currency Board, located in London, which was required to maintain a 100 per cent reserve in sterling against all notes and coins in circulation in Burma except for a limited fiduciary issue.

The Union Bank of Burma Act of 1947 provided new machinery to meet central banking needs. The Union Bank of Burma, established on January 4, 1948, served as a banker's bank and fiscal agent for the Government, but had no control over the currency issue and little effective influence over credit. It had power to make credit available to commercial banks in the form of advances against specified types of collateral or through purchase or rediscount of eligible commercial paper. Eligibility was narrowly limited, however, and there was little demand for this service. The Bank's powers to combat undesirable credit expansion were limited to varying the bank rate, which had little effect in view of the negligible demand for rediscount facilities. There was no provision for commercial bank reserve requirements or for selective credit regulation.

Extension of central banking functions. Legislation in 1952 reorganized the Union Bank of Burma

and greatly extended its powers. It combined control of the note issue with other central banking functions and expanded the Bank's powers to regulate the supply and cost of credit.

Responsibility for the note issue passed from the Currency Board to the Union Bank, and the currency reserve requirement was altered. The Bank must maintain an international reserve consisting of gold or specified assets in foreign currencies equal to an amount not less than 25 per cent of its liability on account of deposits and currency in circulation. Since the ratio at the present time is far above 25 per cent, this requirement will not restrict the operations of the Union Bank for the time being. Policy decisions therefore have to be based on the judgment of the authorities (as in the Philippines and Ceylon) rather than on the stated minimum figure.

The new Act liberalizes the eligibility requirements of commercial paper presented to the Union Bank for purchase, discount, or as collateral for loans. Maximum acceptable maturities have been increased from 90 to 180 days in the case of bills and notes related to domestic trade, and the Board of Directors of the Bank may suspend eligibility requirements in periods of emergency and make loans or advances against any collateral it deems sufficient. The Bank recently announced that its interest rate would be 2 per cent for advances against Government and Government-guaranteed securities and 3 per cent for loans secured by other types of collateral.

The new law places no specific limit on the Union Bank's holdings of Government bonds, but short-term budgetary advances to the Government are now limited to 15 per cent of the estimated revenue of the Government for the fiscal year in which the advance is made and must be repaid within six months. The Bank is not barred from underwriting issues of Government securities or subscribing to new issues, as is the Central Bank of Ceylon. The Bank has expressed the belief that its unrestricted power to deal in Government securities will facilitate the development of a substantial and expanding market for them. Minimum reserve requirements against commercial bank deposits have been imposed for the first time, and made applicable to all banks operating in Burma. The Union Bank may vary requirements between 8 per cent and 40 per cent against demand deposits, and between 3 per cent and 15 per cent against time deposits. Re-

serves must ordinarily be held as cash deposits with the Union Bank, but the Bank may at its discretion permit any part of the reserve to be held in the form of other assets.

The Bank also has several instruments of credit regulation which may be applied only with the approval of the President of the Union of Burma. They include authority to set (1) maximum rates of interest which commercial banks may charge for different types of loans and pay on various classes of deposits, (2) maximum maturities for loans and advances made by commercial banks and the types and amounts of collateral to be required, (3) limits on the rate of increase within specified periods of loans, advances, and investments of banks either in the aggregate or in any specified classes of such assets, and (4) minimum cash margins for opening letters of credit by banks.

Another new provision is that giving authority to the Union Bank to license banks and inspect them periodically. The Bank may revoke the license of any commercial bank which it finds to be no longer fulfilling the conditions under which it was licensed.

Under the new legislation the Union Bank may, with the approval of the President of Burma, require that each bank or class of banks hold assets payable in Burma equivalent to a specified minimum percentage of its total domestic liabilities. This provision takes account of a former complaint that banks tended to hold and invest too small a proportion of their funds in Burma, thus depriving the country of much needed capital.

Despite serious internal disorders, the Government of Burma has not incurred heavy budget deficits. Inflation has largely been avoided in the postwar period, and the Union Bank has not had occasion to invoke its anti-inflationary powers.

INDIA

Independence and partition of India brought a number of important changes in the ownership and powers of the Reserve Bank of India, which was established in 1934. The Bank was originally organized as a quasi-public institution. Its entire capital was privately subscribed. Responsibility for policy making and supervision of Bank operations rested with a Central Board of Directors having 16 members, half elected by the shareholders and half appointed by the Government. Profits in excess of approximately 6 per cent dividends to private shareholders went to the Central Government.

Nationalization of the Reserve Bank. In 1948 the Reserve Bank was nationalized by legislation providing for the transfer of all its stock to Government ownership. The Reserve Bank of India Act of 1934 was amended to take account of this change. The Central Board of Directors was reduced to 14 members, all appointed by the Government. The Government was authorized "to give such directions to the Bank as it may, after consultation with the Governor of the Bank, consider necessary in the public interest."

The Central Board of Directors is required to meet only six times a year, though meetings may be held more frequently. The day-to-day operation of the Bank is entrusted to the Governor. In addition to the Central Board there are four regional boards which may be called upon for advice or other assistance. Members of the regional boards are all Government appointees, and the law requires that appointments be made with regard to representation of the interests of the area, various economic groups, and the cooperative and indigenous banks. The Central Board determines the functions to be performed by the local boards.

Definition of the value of the rupee in terms of sterling was eliminated by amendment of the Reserve Bank Act in 1947. The Central Government was given full authority to determine and vary the exchange rate, subject to its obligations to the International Monetary Fund.

Responsibility for currency issue. The Reserve Bank is responsible for the issue of all India's currency. The note issue must be fully covered by a reserve, held in a separate Issue Department, composed of gold, foreign exchange, rupee coin, domestic securities, and eligible commercial paper. At least 40 per cent of this reserve must consist of gold and foreign exchange. The foreign exchange component, formerly limited to sterling, may now consist of specified assets denominated in the currency of any foreign country belonging to the International Monetary Fund. The Bank may permit its gold and foreign exchange holdings to fall below the required minimum with the prior approval of the Government, but it is subject to a penalty as long as the deficiency exists.

Instruments of credit regulation. Amendments to the Reserve Bank Act after 1948 somewhat expanded the authority of the Reserve Bank to extend credit to the Government and to other banks. Statutory limitation of the Bank's holdings of Gov-

ernment securities was eliminated in 1951. Power to grant loans to other banks in time of emergency was broadened by providing that such loans could be made against any security the Reserve Bank considered sufficient. The maximum maturity allowed for eligible paper derived from the financing of agricultural operations or the marketing of crops was increased from 9 to 15 months in 1951, but no change was made in the 90-day maturity requirement for other forms of eligible paper.

Having been drafted in a period of deflation, the Reserve Bank of India Act did not originally place the same emphasis upon restraint of inflation as do the postwar central banking acts of some other countries. The powers authorized in this Act which might be used to combat inflation were the adjustment of the bank rate and the conduct of open market operations. No provision was made for the more selective forms of credit regulation. The law required commercial banks to maintain cash reserves against their deposit liabilities, but the reserve ratios could be varied only by legislative action and applied only to designated banks.

The Reserve Bank's authority in this sphere was broadened with the passage of the Banking Companies Act of 1949. This Act empowers the Reserve Bank, if it deems it desirable from the standpoint of the public interest, to determine the policies in relation to advances to be followed by banks generally or by individual banks. This authority allows the Reserve Bank to determine the purposes for which advances may or may not be made, the margins to be maintained with respect to secured advances, and the rates of interest which may be charged on advances. A provision of this Act that became effective in March 1951 requires all banks to maintain liquid assets (cash, gold, or unencumbered approved securities) equivalent to not less than 20 per cent of their total demand and time liabilities in India. This did not supersede the existing cash reserve requirement of 5 per cent against demand and 2 per cent against time liabilities, which was extended to apply to all banks. The Reserve Bank is not given authority to vary required reserve ratios.

This Act also gives the Bank broad powers to examine and license all banks doing business in India. The Reserve Bank has made full use of this examining authority and has instituted a system of periodic examination of all banks.

The Reserve Bank has made relatively little use of its new powers to influence credit and has expressed the opinion that most banks have followed a cautious credit policy. Since September 1949, however, it has required commercial banks to submit reports on all new credits exceeding a specified figure, and in 1950 it issued directions designed to curb loans to speculators in jute and silver. In the summer of 1951 the volume of credit failed to follow the normal pattern of contraction and in the autumn, at the beginning of the next seasonal rise in the demand for funds, the bank revived the use of the traditional instruments of monetary regulation—bank rate and open market policy. In November 1951 the bank rate was raised from 3 per cent to 3.5 per cent and the Reserve Bank announced that it would not support Government securities except in special circumstances. These steps immediately increased the cost and reduced the availability of credit. The Indian banks had long followed the practice of buying Government securities in the slack season and selling them in the busy season. The Reserve Bank's withdrawal from the market and the consequent decline in bond prices led the banks to seek their needed funds by borrowing from the Reserve Bank, using their securities as collateral.

The Reserve Bank took advantage of the resulting credit stringency to introduce a plan designed to increase the elasticity of the Indian credit structure by encouraging the use of commercial bills as collateral for advances. Among other things, it set a preferential interest rate for advances against the security of eligible commercial paper at one-half of one per cent below the bank rate. The plan, initially experimental and limited to large banks, was considered sufficiently successful to be continued.

The result of all these measures appears to have been a smaller expansion of the credit and money supply than in the previous busy season and an earlier and more pronounced post-seasonal contraction. Monetary policy alone does not, of course, explain the decline in prices that India has experienced over the past year. The Reserve Bank has observed, however, that "by and large . . . the new monetary policy secured the objectives of preventing a large expansion of money supply during the busy season, and of enabling the Reserve Bank to have more effective control of the magnitude and purpose of bank advances."

PAKISTAN

The State Bank of Pakistan, established on July 1, 1948, follows the model of the Reserve Bank of India, with certain variations. The Government of Pakistan was required to subscribe a minimum of 51 per cent of the Bank's capital, but the remainder was taken up by private subscribers, who are entitled to a minority voice in the Bank's management. The Government is authorized to appoint the Governor, Deputy Governor, and six directors, one of whom must be a Government official. Other shareholders are given the right to elect three directors.

The Government has the right to supersede the entire Board of Directors if of the opinion that the Board is failing to carry out any of its obligations. The management of the Bank may then be entrusted to such agency as the Government may determine. The Government is not authorized, as in India, to give directions to the Bank, but it is in a position to influence the Bank's management.

The State Bank is the sole bank of issue in Pakistan. Its note issue must be backed fully by a reserve held in a separate Issue Department, at least 30 per cent of which must consist of gold, silver, and specified types of foreign exchange. The rest may consist of rupee assets. The foreign exchange reserve requirement may be suspended by the Government without penalty to the Bank.

The State Bank is authorized to make funds available to designated banks and to local authorities through purchase and rediscount of eligible commercial paper or through secured loans. Eligible commercial paper is strictly defined and maximum maturities are limited to 90 days except for bills and notes drawn for the purpose of financing agricultural operations, which must mature within nine months of their acceptance by the Bank. To meet emergencies, however, the Bank may at its discretion accept commercial paper not endorsed by a designated bank and may make loans to banks against any collateral it deems satisfactory.

Advances to central, provincial, and State governments may be made for three-month periods, with no restriction on amount. The volume of Government securities the Bank may hold at one time, however, is limited to the aggregate of its capital and reserve plus 60 per cent of its deposit liabilities. This total has not yet been approached.

The instruments of credit regulation originally available to the State Bank were limited to the traditional authority to determine the conditions on

which it would make credit available and to carry out open market operations. Commercial bank reserve requirements were at first fixed by the law at 5 per cent against demand and 2 per cent against time liabilities, but this was later amended to give the Bank authority to vary the requirements as it saw fit above these lower limits.

The Banking Companies (Control) Act of 1948 extended the State Bank's powers to include provision for more direct credit regulation. It also gave the Bank broad supervisory authority over the banking system.

This Act authorizes the State Bank to issue directives to other banks concerning the policy to be followed in making advances, the purposes for which advances may or may not be made, the margins to be maintained in respect of secured advances, and the rates of interest to be charged. Banks may be prohibited from entering into a transaction or class of transactions, or may be required to take such action as the State Bank may think fit. The State Bank may examine banks, grant or refuse licenses to operate, and order changes in the management of banking companies. In short, the Bank is in a position to exert very strong influence upon the policies and operations of Pakistan's banking system.

The State Bank has made little use of its powers to combat inflationary pressures in recent years, but it reports that in the fiscal year 1951 it closely examined the position of banks offering large blocks of securities for sale, and it has attempted to curb credit for imports by imposing high deposit requirements against letters of credit. As in India in the past, the seasonal expansion and contraction of commercial credit has been based largely on the Central Bank's purchases and sales of Government securities. The State Bank has appreciated the disadvantages of this system and has given much thought to encouraging the use of self-liquidating credit instruments for this purpose. It has recently announced a plan very similar to that adopted by the Reserve Bank of India earlier this year to increase the use of commercial bills as collateral for advances. It has not, however, indicated that its purchases of Government securities will be discontinued, although it appears that this step was an important factor in the success of the plan in India.

Disruption of the banking system at the time of partition created major problems for Pakistan. Faced with the withdrawal to India of the major part of the area's banks and banking personnel, the

State Bank has had to devote a large share of its efforts to the task of developing a sound banking system and to the consolidation of its own organization and the improvement of its services.

INDOCHINA

Division of French Indochina into three states, Viet Nam, Laos, and Cambodia, which are independent within the framework of the French Union, gave rise to a need for a new system of monetary regulation. The Bank of Indochina, a commercial bank, had held a monopoly of the note issue privilege for many years. This was withdrawn in January 1952, when the new Bank of Issue (Institut d'Emission) was established.

The powers of the Bank include the right to issue notes, deal in foreign exchange (subject to French exchange control regulations), serve as banker and fiscal agent for the three Associated States, and accept deposits from and grant advances to other banks. The Bank is under the control of a 12-man Board of Directors. The three Associated States and France appoint three directors each. One of the directors is selected as Chairman by mutual agreement of the Associated States and France. He serves as a full-time official and is responsible for the execution of the Board's decisions and the direction of the operations of the Bank. He may appoint a Director General to whom he may delegate all or part of his authority over the administration of the ordinary affairs of the Bank. In addition, provision is made for a committee of four inspectors, representing each of the Associated States and France, to supervise and check on all the operations of the Bank and make reports to their respective Governments.

As adviser and fiscal agent of the Associated States, the Bank's agreement to the terms of issue of State bonds is required. On request the Bank must assist in floating bond issues. It may cooperate with the States in deciding questions connected with the balance of payments and the movement of prices and may volunteer advice on such matters. The Bank also has responsibility for the administration of exchange controls.

The new Bank may open accounts for any banking institution, and it is permitted, as the economic situation may require, to grant banks advances against specified types of collateral, including designated public securities and negotiable instruments arising from foreign trade transactions and approved by the Chairman or Director General of the

Bank. Such advances are limited to 10 days and are renewable for two periods of the same duration. The Bank has no power to license other banks or to exercise direct supervision over them.

The currency may be issued in notes of different design for each of the Associated States. It is to be freely convertible into French francs at the official parity. A reserve equivalent to at least 50 per cent of the note issue must be maintained by the Bank in gold, French francs, or other foreign exchange. This reserve must be held in interest-paying blocked accounts with the French Treasury. Foreign exchange in excess of the amount required to carry on normal exchange operations must also be deposited with the French Treasury, with the exception of exchange received directly by the Associated States as gifts from foreign powers. The currency remains legally linked with the French franc, with the attendant absence of local control over exchange rates.

As the organization of the Bank indicates, the operation of a single central bank to serve three autonomous States involves a number of delicate problems. One of the most difficult promises to be the authorization of advances to the treasuries of the Associated States. The law limits the total of such advances to the equivalent of 33 per cent of the Bank's liability for currency in circulation during an undefined "initial period of operation." After this period, advances will be limited to 50 per cent of the Bank's gold and foreign exchange reserve. All advances must be secured by negotiable State bonds having a maximum maturity of three months and renewable for periods of the same length. No limit is placed on the number of renewals. Decision on applications for grants may be made by the Board of Directors or delegated to an *ad hoc* committee composed of the Chairman of the Board and two directors, one from the applicant State and one from a nonapplicant State. This committee's decisions are made by majority vote.

In addition to these advances the Bank may grant credits to the States for expenditures in France in pursuance of economic development programs. These credits are also authorized by an *ad hoc* committee, and are limited to a sum equal to 20 per cent of the largest annual exports of the applicant State for any year beginning with 1951. The Bank is also responsible for the administration of the Autonomous Fund for the Administration and Amortization of the Public Debt of the old Indochinese Treasury. The Bank may make advances

to this fund, subject to the unanimous approval of the directors.

Postwar inflation in Indochina has been fed principally by governmental budgetary deficits. The new Bank of Issue, in its position as adviser to the Governments of the Associated States, is concerned with the adoption of budgetary policies of less inflationary character. It is too early to judge whether the Governments of the States involved and their representatives on the Bank's Board of Directors will be able to overcome the obstacles they face.

INDONESIA

The Java Bank served as the sole bank of issue in the Netherlands East Indies from the time of its founding in 1828 until the transformation of that colony into the independent State of Indonesia in 1949. It carried on an extensive commercial banking business in addition to central banking functions. Although its shares were privately owned, the Government had authority to appoint the Bank's managing directors, supervise its operations, and share in its profits. The Bank could influence the cost and availability of credit through its own loans and discounts and its bank rate, but it had no direct power to control or supervise the policies and operations of other banks. Its own credit operations were limited by the statutory requirement that it maintain a gold reserve equal to a minimum of 40 per cent of its total demand liabilities.

The attainment of independence by Indonesia in December 1949 was followed by changes affecting the Java Bank, but its structure and powers have not yet been altered. Among the earlier developments were the replacement of a number of the Bank's Dutch officials, including the President, by Indonesians, and the lowering of the minimum gold reserve requirement against liabilities to 20 per cent in January 1951. In July 1951, the Government revealed its intention to nationalize the Bank and offered to pay 120 per cent of par value for all privately held shares. Within a few months the Government had acquired 97 per cent of the Bank's stock, and in November 1951 an act was passed authorizing the expropriation of the remaining shares at the same level of compensation.

It was recognized at that time that it would be necessary to redefine the relationship between the Bank and the Government and to revise the statutes governing the Bank. It was announced in October 1952 that a bill to accomplish this was under consideration.

CURRENT EVENTS AND ANNOUNCEMENTS

Federal Reserve Meetings

The Federal Advisory Council held a meeting in Washington on November 16-18, 1952, and met with the Board of Governors of the Federal Reserve System on November 18.

A meeting of the Chairmen of the Federal Reserve Banks, which was also attended by members of the Board of Governors, was held on December 4-5, 1952.

A meeting of the Presidents of the Federal Reserve Banks was held in Washington on December 7-9, 1952, and on December 9 the Presidents met with the Board of Governors.

On December 8 a meeting of the Federal Open Market Committee was held.

Election of Class B Director

The Federal Reserve Bank of Dallas on November 18, 1952, announced the election of Mr. D. A. Hulcy, Chairman of the Board and President, Lone Star Gas Company, Dallas, Texas, as a Class B director of the Bank for the unexpired portion of the term ending December 31, 1954, to succeed Mr. George H. Zimmerman, deceased. Mr. Zimmer-

man was Chairman of the Board and President, Wm. Cameron & Company, Waco, Texas.

Death of Director

Mr. Ernest H. Hahne, President, Miami University, Oxford, Ohio, who had served as a director of the Cincinnati Branch of the Federal Reserve Bank of Cleveland since January 1, 1949, died on November 25, 1952.

Admission of State Banks to Membership in the Federal Reserve System

The following State banks were admitted to membership in the Federal Reserve System during the period September 16, 1952 to November 15, 1952:

Colorado

Englewood—Englewood State Bank.

New York

Northport—Northport Trust Company.

Tennessee

Columbia—Farmers and Merchants Bank.

Wisconsin

Three Lakes—The Peoples State Bank.

NATIONAL SUMMARY OF BUSINESS CONDITIONS

[Compiled November 26 and released for publication December 1]

Industrial production in October and November was slightly above the sharply advanced September level. Average wholesale prices of industrial commodities remained steady, while prices of farm products and foods eased further. Consumers' prices showed little change in October at a level slightly below their summer high. Bank loans to business increased sharply after mid-October.

INDUSTRIAL PRODUCTION

Reflecting mainly continued gains in durable goods industries, the Board's index of industrial production rose 1 point further in October to 227 per cent of the 1935-39 average. In November a similar gain is likely. Since September, output at factories and mines has averaged about 3 per cent above the levels prevailing during 1951 and early 1952.

Steel ingot production in October and November was at a new record rate of 106 per cent of rated capacity as of the beginning of this year. Activity in most metal fabricating industries also advanced further. Television production rose to the near-record annual rate of about 10 million sets in late October and continued at this level in early November. Passenger automobile assemblies were maintained at the high September-October rates until mid-November but subsequently declined owing mainly to model changeovers. Aluminum produc-

tion was reduced further in October as a result of electric power shortages and was about 9 per cent below the very high August level.

Nondurable goods production showed a slight decline in October, as textile mill activity was reduced somewhat following marked recovery in the summer and early fall. Output of paper and paperboard, however, advanced further. Meat production was maintained in October and the first 3 weeks of November at levels well above those in the corresponding period a year ago. Output of most other nondurables continued at about the levels of the preceding month.

Minerals output declined in October and rose again in November, owing mainly to fluctuations in coal output. Crude petroleum production rose throughout the period and output of metals was maintained in large volume.

CONSTRUCTION

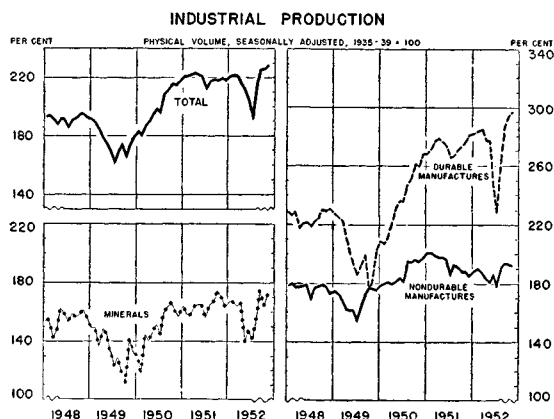
Value of new construction work put in place, seasonally adjusted, during October was larger than in other recent months. Value of contract awards was below the near-record September total, which included a large volume of atomic energy awards, but was about one-fourth larger than in October 1951. Housing starts in October rose to 101,000, as compared with 98,000 in September, and were at a seasonally adjusted annual rate of 1,156,000.

EMPLOYMENT

Seasonally adjusted employment in nonagricultural industries in October was maintained at the record September level of 47.2 million. Employment in manufacturing rose slightly to a new postwar peak of 16.2 million, and average hours of work and hourly and weekly earnings increased further. Unemployment declined again in October, to a new postwar low of 1.3 million.

DISTRIBUTION

Retail sales rose sharply further in October to a level 9 per cent above a year earlier. Both durable and nondurable goods shared in the October ad-



Federal Reserve indexes. Monthly figures, latest shown are for November.

NATIONAL SUMMARY OF BUSINESS CONDITIONS

vance, with the rise in automobile sales especially marked. Department store sales in the first half of November were running below their high October level, on a seasonally adjusted basis. Stocks at department stores are estimated to have continued little changed through October after seasonal adjustment.

COMMODITY PRICES

Wholesale prices continued to decline in November largely reflecting further decreases in prices of cotton, livestock, and meats. Cotton has declined to about 34 cents per pound since release in early November of a substantially larger crop estimate, and is now 8 cents below a year ago and 2 cents above the Federal support level. Prices of some industrial materials strengthened and prices of finished goods other than foods generally changed little.

The consumers price index was about unchanged in October. Small decreases in foods and textile products were offset by advances in rents, fuels, and services.

BANK CREDIT

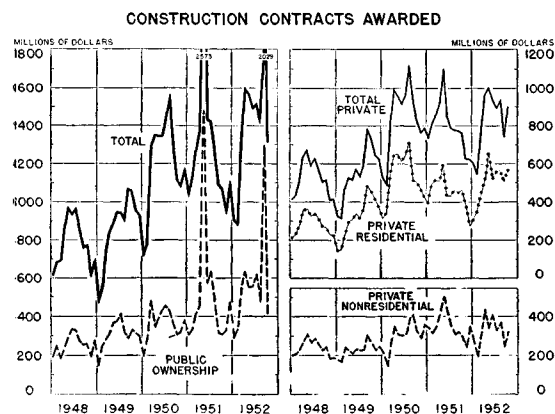
Business borrowing from banks expanded sharply in late October and the first three weeks of November. This expansion was more widely distributed than the earlier rise which had been concentrated in such industries as food processing, commodity dealing, and trade where loans normally increase at this season of the year. Consumer and real estate loans

also continued to rise. The Treasury's issue of 2.5 billion dollars of tax anticipation bills in October was bought at first largely by banks, but subsequently was purchased in substantial volume by corporations. Most of a second issue of such bills amounting to 2 billion dollars in mid-November was also taken up initially by the banking system.

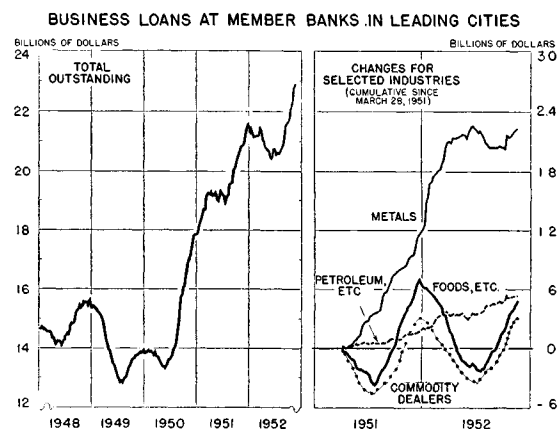
Member bank reserve positions tended to be fairly tight during the mid-October to mid-November period. Reserve drains resulted principally from a currency outflow and an increase in Treasury balances at the Reserve Banks. In addition, Federal Reserve System holdings of Government securities were reduced somewhat. The average level of member bank borrowings exceeded 1¼ billion dollars over the period.

SECURITY MARKETS

Common stock prices rose steadily in the first three weeks of November. Yields on high-grade corporate bonds receded to the levels of early September. Yields on Treasury bills and other short-term Government securities increased substantially. In addition to tax anticipation bills the Treasury announced the offering of an additional amount of 2 per cent certificates of indebtedness maturing August 15, 1953, in exchange for the 1.1 billion dollars of 1⅞ per cent certificates maturing December 1, 1952.



F. W. Dodge Corporation data for 37 Eastern States. Monthly figures, latest shown are for October.



Data for selected industries reported by over 200 of the largest weekly reporting member banks. "Metals" includes metal products, machinery, and transportation equipment. "Petroleum, etc." includes coal, chemicals, and rubber products. "Foods, etc." includes liquor and tobacco. Wednesday figures, latest shown are for November 19.

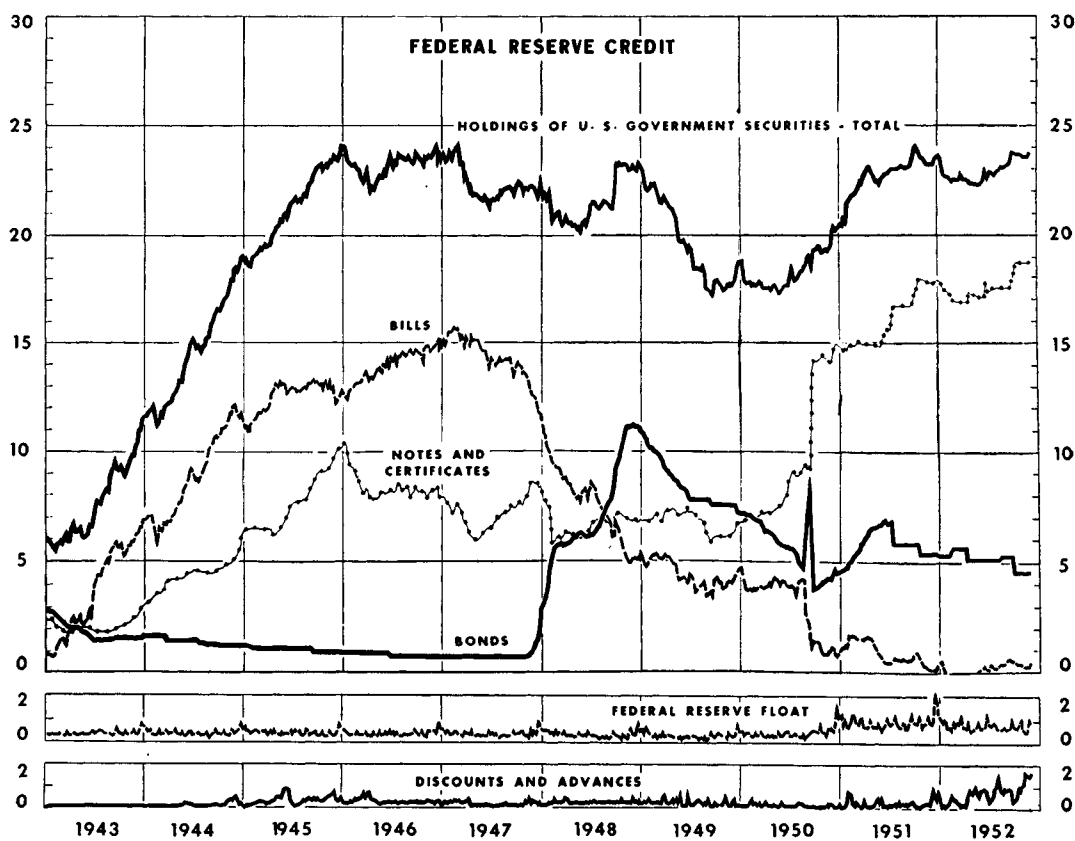
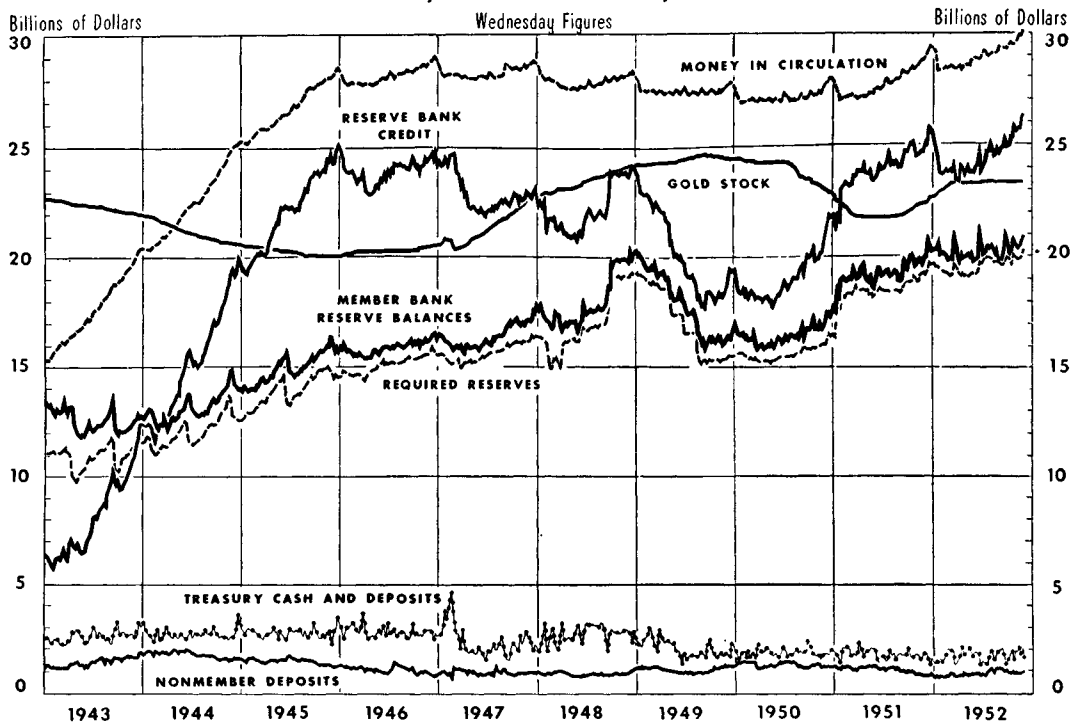
FINANCIAL, INDUSTRIAL, AND COMMERCIAL STATISTICS

UNITED STATES

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Tables on the following pages include the principal available statistics of current significance relating to financial and business developments in the United States. The data relating to the Federal Reserve Banks and the member banks of the Federal Reserve System are derived from regular reports made to the Board; index numbers of production are compiled by the Board on the basis of material collected by other agencies; figures for gold stock, money in circulation, Treasury finance, and operations of Government credit agencies are obtained principally from statements of the Treasury, or of the agencies concerned; data on money and security markets and commodity prices and other series on business activity are obtained largely from other sources. Back figures for banking and monetary tables, together with descriptive text, may be obtained from the Board's publication, *Banking and Monetary Statistics*; back figures for most other tables may be obtained from earlier BULLETINS.

MEMBER BANK RESERVES, RESERVE BANK CREDIT, AND RELATED ITEMS



Wednesday figures, latest shown are for Nov. 26. See page 1291.

FEDERAL RESERVE BANK DISCOUNT RATES
[Per cent per annum]

Federal Reserve Bank	Discounts for and advances to member banks						Advances to individuals, partnerships, or corporations other than member banks secured by direct obligations of the U. S. (last par. Sec. 13)		
	Advances secured by Government obligations and discounts of and advances secured by eligible paper (Secs. 13 and 13a) ¹			Other secured advances [Sec. 10(b)]					
	Rate on Nov. 30	In effect beginning—	Previous rate	Rate on Nov. 30	In effect beginning—	Previous rate	Rate on Nov. 30	In effect beginning—	Previous rate
Boston.....	1½	Aug. 21, 1950	1½	2¼	Aug. 21, 1950	2	2½	Jan. 14, 1948	2
New York.....	1½	Aug. 21, 1950	1½	2¼	Aug. 21, 1950	2	2½	² Oct. 30, 1942	3½
Philadelphia.....	1½	Aug. 25, 1950	1½	2¼	Aug. 25, 1950	2	2½	Aug. 23, 1948	2
Cleveland.....	1½	Aug. 25, 1950	1½	2¼	Aug. 25, 1950	2	2½	Aug. 25, 1950	2½
Richmond.....	1½	Aug. 25, 1950	1½	2¼	Aug. 25, 1950	2	2½	² Oct. 28, 1942	4
Atlanta.....	1½	Aug. 24, 1950	1½	2¼	Aug. 24, 1950	2	2½	Aug. 24, 1950	2½
Chicago.....	1½	Aug. 25, 1950	1½	2¼	Aug. 25, 1950	2	2½	Aug. 13, 1948	2½
St. Louis.....	1½	Aug. 23, 1950	1½	2¼	Aug. 23, 1950	2	2½	Jan. 12, 1948	2
Minneapolis.....	1½	Aug. 22, 1950	1½	2¼	Aug. 22, 1950	2	2½	Aug. 23, 1948	2½
Kansas City.....	1½	Aug. 25, 1950	1½	2¼	Aug. 25, 1950	2	2½	Jan. 19, 1948	2
Dallas.....	1½	Aug. 25, 1950	1½	2¼	Aug. 25, 1950	2	2½	Feb. 14, 1948	2
San Francisco.....	1½	Aug. 24, 1950	1½	2¼	Aug. 24, 1950	2	2½	² Oct. 28, 1942	4

¹ Rates shown also apply to advances secured by obligations of Federal intermediate credit banks maturing within 6 months.

² Certain special rates to nonmember banks were in effect during the wartime period.

NOTE.—*Maximum maturities.* Discounts for and advances to member banks: 90 days for discounts and advances under Sections 13 and 13a of the Federal Reserve Act except that discounts of certain bankers' acceptances and of agricultural paper may have maturities not exceeding 6 months and 9 months, respectively, and advances secured by obligations of Federal intermediate credit banks maturing within 6 months are limited to maximum maturities of 15 days; 4 months for advances under Section 10(b). Advances to individuals, partnerships, or corporations under the last paragraph of Section 13: 90 days. *Back figures.*—See *Banking and Monetary Statistics*, Tables 115–116, pp. 439–443.

FEDERAL RESERVE BANK BUYING RATES ON ACCEPTANCES
[Per cent per annum]

Maturity	Rate on Nov. 30	In effect beginning— ¹	Previous rate
1–90 days.....	1½	Dec. 18, 1951	1½
91–120 days.....	2	Dec. 18, 1951	1½
121–180 days.....	2½	Dec. 18, 1951	2

¹ Dates effective at Federal Reserve Bank of New York.

NOTE.—Effective minimum buying rates on prime bankers' acceptances payable in dollars. *Back figures.*—See *Banking and Monetary Statistics*, Table 117, pp. 443–445.

FEDERAL RESERVE BANK RATES ON INDUSTRIAL LOANS AND COMMITMENTS UNDER SECTION 13B OF THE FEDERAL RESERVE ACT

Maturities not exceeding five years

[In effect November 30. Per cent per annum]

Federal Reserve Bank	To industrial or commercial businesses		To financing institutions		
	On loans ¹	On commitments	On discounts or purchases		On commitments
			Portion for which institution is obligated	Re-maining portion	
Boston.....	2¼–5	½–1½	(?)	(?)	½–1½
New York.....	2¼–5	½–1½	(?)	(?)	½–1½
Philadelphia.....	2¼–5	½–1½	(?)	(?)	½–1½
Cleveland.....	2¼–5	½–1½	(?)	(?)	½–1½
Richmond.....	2¼–5	½–1½	(?)	(?)	½–1½
Atlanta.....	2¼–5	½–1½	(?)	(?)	½–1½
Chicago.....	2¼–5	½–1½	2¼–5	2¼–5	½–1½
St. Louis.....	3–5	½–1½	1½–2¼	(?)	½–1½
Minneapolis.....	2¼–5	½–1½	(?)	(?)	½–1½
Kansas City.....	2¼–5	½–1½	(?)	(?)	½–1½
Dallas.....	2¼–5	½–1½	(?)	(?)	½–1½
San Francisco.....	2¼–5	½–1½	(?)	(?)	½–1½

¹ Including loans made in participation with financing institutions.

² Rate charged borrower less commitment rate.

³ Rate charged borrower but not to exceed 1 per cent above the discount rate.

⁴ Charge of ¼ per cent per annum is made on undisbursed portion of loan.

Back figures.—See *Banking and Monetary Statistics*, Table 118, pp. 446–447.

MEMBER BANK RESERVE REQUIREMENTS

[Per cent of deposits]

Effective date of change	Net demand deposits ¹			Time deposits (all member banks)
	Central reserve city banks	Reserve city banks	Country banks	
1917—June 21.....	13	10	7	3
1936—Aug. 16.....	19½	15	10½	4½
1937—Mar. 1.....	22¾	17½	12¾	5¼
May 1.....	26	20	14	6
1938—Apr. 16.....	22¾	17½	12	5
1941—Nov. 1.....	26	20	14	6
1942—Aug. 20.....	24			
Sept. 14.....	22			
Oct. 3.....	20			
1948—Feb. 27.....	22			
June 11.....	24			
Sept. 16.....			16	7¾
Sept. 24.....	26	22		7½
1949—May 1.....			15	7
May 5.....	24	21		7
June 30.....		20		6
July 1.....			14	6
Aug. 1.....			13	5
Aug. 11.....	23½	19½		5
Aug. 16.....			12	
Aug. 18.....	23	19		
Aug. 25.....	22½	18½		
Sept. 1.....	22	18		
1951—Jan. 11.....	23	19		6
Jan. 16.....			13	6
Jan. 25.....	24	20		
Feb. 1.....			14	
In effect Dec. 1, 1952 ⁴	24	20	14	6

¹ Demand deposits subject to reserve requirements, which beginning Aug. 23, 1935, have been total demand deposits minus cash items in process of collection and demand balances due from domestic banks (also minus war loan and series E bond accounts during the period Apr. 13, 1943–June 30, 1947).

² Requirement became effective at country banks.

³ Requirement became effective at central reserve and reserve city banks.

⁴ Present legal minimum and maximum requirements on net demand deposits—central reserve cities, 13 and 26 per cent; reserve cities, 10 and 20 per cent; country, 7 and 14 per cent, respectively; on time deposits at all member banks, 3 and 6 per cent, respectively.

MEMBER BANK RESERVES AND BORROWINGS

[Averages of daily figures. In millions of dollars]

Month, or week ending Wednesday	All mem- ber banks ¹	Central reserve city banks		Re- serve city banks	Coun- try banks ¹	Month, or week ending Wednesday	All mem- ber banks ¹	Central reserve city banks		Re- serve city banks	Coun- try banks ¹
		New York	Chi- cago					New York	Chi- cago		
Total reserves held:						Excess reserves:					
1951—August.....	19,174	4,925	1,297	7,479	5,473	1951—August.....	704	5	.....	148	550
September.....	19,396	5,029	1,307	7,526	5,534	September.....	721	8	—5	151	567
October.....	19,868	5,225	1,328	7,701	5,614	October.....	915	108	8	212	588
1952—August.....	20,306	5,223	1,360	7,933	5,790	1952—August.....	649	5	1	129	513
September.....	20,514	5,256	1,369	8,009	5,880	September.....	778	63	6	155	554
October.....	20,611	5,215	1,369	8,081	5,946	October.....	648	1	—4	99	553
Oct. 22.....	20,912	5,262	1,378	8,181	6,091	Oct. 22.....	741	10	—13	95	649
Oct. 29.....	20,548	5,229	1,377	8,105	5,838	Oct. 29.....	534	12	6	86	430
Nov. 5.....	20,509	5,169	1,345	8,083	5,912	Nov. 5.....	572	—2	—14	90	498
Nov. 12.....	20,623	5,134	1,361	8,084	6,044	Nov. 12.....	712	7	8	87	610
Nov. 19.....	20,728	5,145	1,347	8,161	6,075	Nov. 19.....	p750	8	—5	110	p637
Nov. 26.....	20,874	5,253	1,384	8,249	5,988	Nov. 26.....	p631	—10	—3	85	p559
Required reserves:						Borrowings at Federal Reserve Banks:					
1951—August.....	18,470	4,919	1,297	7,331	4,923	1951—August.....	292	84	6	152	50
September.....	18,675	5,021	1,312	7,374	4,967	September.....	338	66	7	213	51
October.....	18,952	5,117	1,320	7,489	5,026	October.....	95	3	2	62	30
1952—August.....	19,657	5,218	1,359	7,804	5,277	1952—August.....	1,032	227	41	581	183
September.....	19,736	5,193	1,364	7,854	5,326	September.....	683	117	30	384	151
October.....	19,963	5,214	1,373	7,982	5,393	October.....	1,048	116	100	667	164
Oct. 22.....	20,171	5,252	1,391	8,086	5,442	Oct. 22.....	894	82	82	587	143
Oct. 29.....	20,013	5,216	1,370	8,019	5,408	Oct. 29.....	1,138	72	107	768	191
Nov. 5.....	19,937	5,171	1,359	7,993	5,414	Nov. 5.....	1,566	241	208	885	232
Nov. 12.....	19,911	5,127	1,353	7,997	5,434	Nov. 12.....	1,535	177	249	909	200
Nov. 19.....	p19,978	5,137	1,352	8,051	p5,438	Nov. 19.....	1,408	186	249	780	193
Nov. 26.....	p20,244	5,263	1,387	8,165	p5,429	Nov. 26.....	1,456	159	293	812	192

² Preliminary.

¹ Weekly figures of excess reserves of all member banks and of country banks are estimates. Weekly figures of borrowings of all member banks and of country banks may include small amounts of Federal Reserve Bank discounts and advances for nonmember banks, etc.

Back figures.—See *Banking and Monetary Statistics*, pp. 396-399.

DEPOSITS, RESERVES, AND BORROWINGS OF MEMBER BANKS

[Averages of daily figures.¹ In millions of dollars]

Item	All mem- ber banks	Central reserve city banks		Re- serve city banks	Coun- try banks	All mem- ber banks	Central reserve city banks		Re- serve city banks	Coun- try banks
		New York	Chi- cago				New York	Chi- cago		
October 1952						October 1951				
Gross demand deposits:										
Total.....	108,064	23,289	6,077	41,710	36,987	102,561	22,678	5,824	39,426	34,632
Interbank.....	12,821	4,058	1,274	6,316	1,173	12,450	4,013	1,196	6,122	1,119
Other.....	95,243	19,231	4,804	35,394	35,814	90,111	18,665	4,629	33,304	33,513
Net demand deposits ²	94,077	21,196	5,428	35,974	31,479	89,167	20,839	5,221	33,804	29,303
Time deposits ³	32,853	2,123	1,167	13,127	16,436	30,577	1,926	1,119	12,136	15,395
Demand balances due from domestic banks....	6,396	48	120	1,897	4,330	6,328	39	122	1,949	4,217
Reserves with Federal Reserve Banks:										
Total.....	20,611	5,215	1,369	8,081	5,946	19,868	5,225	1,328	7,701	5,614
Required.....	19,963	5,214	1,373	7,982	5,393	18,952	5,117	1,320	7,489	5,026
Excess.....	648	1	—4	99	553	915	108	8	212	588
Borrowings at Federal Reserve Banks.....	1,048	116	100	667	164	95	3	2	62	30

¹ Averages of daily closing figures for reserves and borrowings and of daily opening figures for other items, inasmuch as reserves required are based on deposits at opening of business.

² Demand deposits subject to reserve requirements, i. e., gross demand deposits minus cash items reported as in process of collection and demand balances due from domestic banks.

³ Includes some interbank and U. S. Government time deposits; the amounts on call report dates are shown in the *Member Bank Call Report*.

STATEMENT OF CONDITION OF FEDERAL RESERVE BANKS

[In thousands of dollars]

Item	Wednesday figures					End of month		
	1952					1952		1951
	Nov. 26	Nov. 19	Nov. 12	Nov. 5	Oct. 29	Nov.	Oct.	Nov.
Assets								
Gold certificates.....	21,418,102	21,410,102	21,420,101	21,433,103	21,423,101	21,418,101	21,433,103	20,480,181
Redemption fund for F. R. notes.....	726,947	720,716	713,926	706,467	710,453	726,948	706,468	685,436
Total gold certificate reserves.....	22,145,049	22,130,818	22,134,027	22,139,570	22,133,554	22,145,049	22,139,571	21,165,617
Other cash.....	294,348	314,992	289,291	309,915	328,793	291,853	328,454	311,403
Discounts and advances:								
For member banks.....	1,569,926	1,441,454	1,538,427	1,618,004	1,125,703	1,849,986	1,546,404	624,105
For nonmember banks, etc.....	45,000	45,000	45,000	45,000	45,000	45,000	45,000	.....
Industrial loans.....	3,786	3,580	4,150	3,927	4,210	3,838	4,281	4,450
U. S. Government securities:								
Bills.....	441,250	253,250	275,450	228,200	332,200	501,750	283,200	116,970
Certificates:								
Special.....	5,018,416	5,009,916	4,995,716	4,995,716	4,995,716	5,018,416	4,995,716	12,719,598
Other.....	13,773,671	13,773,671	13,773,671	13,773,671	13,773,671	13,773,671	13,773,671	5,068,073
Notes.....	4,527,475	4,525,975	4,521,975	4,521,975	4,521,975	4,527,475	4,521,975	5,334,277
Bonds.....	23,760,812	23,562,812	23,566,812	23,519,562	23,623,562	23,821,312	23,574,562	23,238,918
Total U. S. Government securities.....	25,379,524	25,052,846	25,154,389	25,186,493	24,798,475	25,720,136	25,170,247	23,867,473
Total loans and securities.....	25,379,524	25,052,846	25,154,389	25,186,493	24,798,475	25,720,136	25,170,247	23,867,473
Due from foreign banks.....	23	23	23	23	23	23	23	33
F. R. notes of other Banks.....	159,093	165,484	154,979	156,895	178,926	154,911	180,443	186,620
Uncollected cash items.....	3,910,876	4,665,227	3,995,356	3,610,364	3,668,385	3,948,890	3,328,069	3,315,667
Bank premises.....	45,718	45,699	45,571	45,566	45,596	45,695	45,583	43,116
Other assets.....	180,739	170,861	161,883	153,607	145,356	185,034	148,146	156,557
Total assets.....	52,115,370	52,545,950	51,935,519	51,602,433	51,299,108	52,491,591	51,340,536	49,046,486
Liabilities								
Federal Reserve notes.....	25,881,949	25,611,114	25,633,766	25,499,509	25,340,435	25,948,710	25,426,180	24,680,067
Deposits:								
Member bank—reserve accounts.....	20,917,317	20,737,661	20,447,349	20,333,944	20,449,365	21,148,638	20,615,560	19,669,908
U. S. Treasurer—general account.....	317,401	702,681	505,225	788,896	588,159	377,758	770,116	480,990
Foreign.....	711,188	691,390	639,061	643,367	654,529	757,947	642,208	569,963
Other.....	270,262	258,284	244,436	249,545	236,035	298,521	244,677	224,411
Total deposits.....	22,216,168	22,390,016	21,836,071	22,015,752	21,928,088	22,582,864	22,272,561	20,945,272
Deferred availability cash items.....	2,989,508	3,525,498	3,453,519	3,082,806	2,962,309	2,928,667	2,643,010	2,449,517
Other liabilities and accrued dividends.....	20,292	19,094	19,165	18,494	18,379	19,068	17,539	17,678
Total liabilities.....	51,107,917	51,545,722	50,942,521	50,616,561	50,249,211	51,479,309	50,359,290	48,092,534
Capital Accounts								
Capital paid in.....	248,568	248,333	248,250	248,217	248,148	248,620	248,166	235,319
Surplus (Section 7).....	538,342	538,342	538,342	538,342	538,342	538,342	538,342	510,022
Surplus (Section 13b).....	27,543	27,543	27,543	27,543	27,543	27,543	27,543	27,543
Other capital accounts.....	193,000	186,010	178,863	171,770	235,864	197,777	167,195	181,068
Total liabilities and capital accounts.....	52,115,370	52,545,950	51,935,519	51,602,433	51,299,108	52,491,591	51,340,536	49,046,486
Ratio of gold certificate reserves to deposit and F. R. note liabilities combined (per cent).....	46.0	46.1	46.6	46.6	46.8	45.6	46.4	46.4
Contingent liability on acceptances purchased for foreign correspondents.....	17,379	17,373	17,100	16,445	15,534	17,408	16,141	18,163
Industrial loan commitments.....	4,091	4,292	3,886	3,882	3,896	4,045	3,720	6,361

Maturity Distribution of Loans and U. S. Government Securities ¹

Discounts and advances—total.....	1,614,926	1,486,454	1,583,427	1,663,004	1,170,703	1,894,986	1,591,404	624,105
Within 15 days.....	1,431,985	1,313,176	1,433,206	1,514,657	1,020,291	1,700,327	1,438,248	596,425
16 days to 90 days.....	182,870	173,278	150,221	148,347	150,412	194,588	153,156	27,377
91 days to 1 year.....	71	.....	.....	.....	.....	71	.....	303
Industrial loans—total.....	3,786	3,580	4,150	3,927	4,210	3,838	4,281	4,450
Within 15 days.....	306	313	315	309	304	321	332	660
16 days to 90 days.....	1,228	1,204	1,339	1,364	1,829	1,258	1,648	923
91 days to 1 year.....	2,077	1,737	2,163	1,921	1,750	2,084	1,954	1,640
Over 1 year to 5 years.....	175	326	333	333	327	175	347	1,227
U. S. Government securities—total.....	23,760,812	23,562,812	23,566,812	23,519,562	23,623,562	23,821,312	23,574,562	23,238,918
Within 15 days.....	149,000	78,800	176,500	137,500	203,700	209,500	154,700	.....
16 to 90 days.....	4,008,000	3,880,200	98,950	90,700	128,500	4,008,000	128,500	116,970
91 days to 1 year.....	3,028,391	3,028,391	6,715,941	6,715,941	6,715,941	3,028,391	6,715,941	14,089,123
Over 1 year to 5 years.....	14,146,950	14,146,950	14,146,950	14,146,950	14,146,950	14,146,950	14,146,950	5,396,456
Over 5 years to 10 years.....	1,070,224	1,070,224	1,070,224	1,070,224	1,070,224	1,070,224	1,070,224	1,013,614
Over 10 years.....	1,358,247	1,358,247	1,358,247	1,358,247	1,358,247	1,358,247	1,358,247	2,622,755

¹ Callable U. S. Government securities classified according to nearest call date.

STATEMENT OF CONDITION OF EACH FEDERAL RESERVE BANK ON NOVEMBER 30, 1952

[In thousands of dollars]

Item	Total	Boston	New York	Phila- delphia	Cleve- land	Rich- mond	Atlanta	Chicago	St. Louis	Minne- apolis	Kansas City	Dallas	San Fran- cisco
Assets													
Gold certificates	21,418,101	712,107	6,516,576	1,238,472	1,496,088	947,596	862,831	4,406,337	531,632	347,710	801,841	725,158	2,831,753
Redemption fund for F. R. notes	726,948	63,323	77,124	56,134	82,052	80,630	49,741	115,018	50,068	25,613	39,405	28,513	59,327
Total gold certi- ficate reserves	22,145,049	775,430	6,593,700	1,294,606	1,578,140	1,028,226	912,572	4,521,355	581,700	373,323	841,246	753,671	2,891,080
Other cash	291,853	23,244	49,892	13,791	21,239	21,290	25,657	53,018	18,708	6,123	12,370	11,750	34,771
Discounts and advances:													
Secured by													
U. S. Govt. securities	1,847,836	47,790	300,865	62,765	104,170	124,030	94,600	416,800	136,925	51,555	175,512	43,894	288,930
Other	47,150	2,790	14,590	3,510	4,140	2,295	1,935	7,355	1,710	1,170	1,760	1,710	4,185
Industrial loans	3,838			3,387		67	301			83			
U. S. Govt. securities	23,821,312	1,675,282	5,661,821	1,484,050	2,357,025	1,595,875	1,366,628	3,376,749	1,279,737	751,587	1,033,631	1,082,271	2,156,656
Total loans and securities	25,720,136	1,725,862	5,977,276	1,553,712	2,465,335	1,722,267	1,463,464	3,800,904	1,418,372	804,395	1,210,903	1,127,875	2,449,771
Due from foreign banks	23	1	17	2	2	1	1	3	1	1	1	1	2
F. R. notes of other Banks	154,911	4,872	17,665	6,310	7,336	32,855	21,135	13,338	8,016	7,820	7,087	6,832	21,645
Uncollected cash items	3,948,890	310,554	742,491	240,552	315,235	346,583	274,566	574,122	204,390	108,941	227,878	216,764	386,814
Bank premises	45,695	966	7,734	3,189	4,660	4,834	3,831	6,695	3,047	1,054	2,305	622	6,758
Other assets	185,034	15,830	41,069	11,288	18,404	12,409	11,264	25,837	9,527	5,686	8,177	8,910	16,633
Total assets	52,491,591	2,856,759	13,429,834	3,123,450	4,410,351	3,168,465	2,712,490	8,995,272	2,243,761	1,307,343	2,309,967	2,126,425	5,807,474
Liabilities													
F. R. notes	25,948,710	1,579,537	5,697,755	1,833,935	2,356,681	1,875,888	1,423,191	4,906,792	1,219,728	646,245	1,018,963	762,721	2,627,274
Deposits:													
Member bk.— reserve accts.	21,148,638	885,591	6,530,228	949,743	1,596,103	893,516	948,617	3,358,790	773,265	504,988	1,015,120	1,076,435	2,616,242
U. S. Treas.— gen. acct.	377,758	19,511	32,094	21,191	35,706	26,261	29,346	57,392	26,082	25,291	22,573	14,215	68,096
Foreign	757,947	43,970	262,907	55,318	65,246	36,169	30,496	98,579	26,950	18,439	26,950	26,950	65,973
Other	298,521	3,367	102,801	1,466	3,316	12,333	45,234	2,174	29,688	6,471	11,949	37,645	42,077
Total deposits	22,582,864	952,439	6,928,030	1,027,718	1,700,371	968,279	1,053,693	3,516,935	855,985	555,189	1,076,592	1,155,245	2,792,388
Deferred avail- ability cash items	2,928,667	259,942	510,773	184,438	257,248	269,059	188,581	428,884	125,697	77,846	173,268	164,037	288,894
Other liabilities and accrued dividends	19,068	1,029	5,776	1,061	2,198	947	873	2,784	771	544	768	734	1,583
Total liabilities	51,479,309	2,792,947	13,142,334	3,047,152	4,316,498	3,114,173	2,666,338	8,855,395	2,202,181	1,279,824	2,269,591	2,082,737	5,710,139
Capital Accounts													
Capital paid in	248,620	13,245	78,318	17,179	23,812	10,969	10,336	32,081	8,633	5,495	9,410	12,198	26,944
Surplus (Sec. 7)	538,342	34,192	159,743	41,493	50,648	27,025	23,871	79,601	21,788	14,063	20,367	18,210	47,341
Surplus (Sec. 13b)	27,543	3,011	7,319	4,489	1,006	3,349	762	1,429	521	1,073	1,137	1,307	2,140
Other capital accounts	197,777	13,364	42,120	13,137	18,387	12,949	11,183	26,766	10,638	6,888	9,462	11,973	20,910
Total liabilities and capital accounts	52,491,591	2,856,759	13,429,834	3,123,450	4,410,351	3,168,465	2,712,490	8,995,272	2,243,761	1,307,343	2,309,967	2,126,425	5,807,474
Reserve ratio	45.6%	30.6%	52.2%	45.2%	38.9%	36.2%	36.8%	53.7%	28.0%	31.1%	40.1%	39.3%	53.3%
Contingent li- ability on ac- ceptances pur- chased for for- eign corre- spondents	17,408	1,078	5,278	1,356	1,599	886	747	2,416	660	452	660	660	1,616
Industrial loan commitments	4,045			1,955	751	71		126			775		367

¹ After deducting \$16,000 participations of other Federal Reserve Banks.

² After deducting \$495,022,000 participations of other Federal Reserve Banks.

³ After deducting \$12,130,000 participations of other Federal Reserve Banks.

FEDERAL RESERVE NOTES—FEDERAL RESERVE AGENTS' ACCOUNTS
FEDERAL RESERVE BANKS COMBINED

[In thousands of dollars]

Item	Wednesday figures					End of month		
	1952					1952		1951
	Nov. 26	Nov. 19	Nov. 12	Nov. 5	Oct. 29	Nov.	Oct.	Nov.
F. R. notes outstanding (issued to Bank).....	26,771,246	26,582,748	26,498,125	26,367,544	26,355,468	26,837,269	26,347,202	25,526,339
Collateral held against notes outstanding:								
Gold certificates.....	13,229,000	13,179,000	13,179,000	13,179,000	13,179,000	13,264,000	13,179,000	12,464,000
Eligible paper.....	911,476	885,779	907,892	971,019	577,783	1,166,452	960,764	520,275
U. S. Government securities.....	14,115,000	14,015,000	13,915,000	13,790,000	13,790,000	14,115,000	13,790,000	13,600,000
Total collateral.....	28,255,476	28,079,779	28,001,892	27,940,019	27,546,783	28,545,452	27,929,764	26,584,275

EACH FEDERAL RESERVE BANK ON NOVEMBER 30, 1952

[In thousands of dollars]

Item	Total	Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
F. R. notes outstanding (issued to Bank).....	26,837,269	1,625,830	5,932,048	1,882,205	2,437,247	1,925,270	1,486,734	4,990,515	1,267,857	656,892	1,046,513	798,030	2,788,128
Collateral held:													
Gold certificates.....	13,264,000	400,000	4,520,000	775,000	810,000	560,000	510,000	2,800,000	280,000	160,000	280,000	269,000	1,900,000
Eligible paper.....	1,166,452	47,790	291,795	62,765	.....	119,130	.....	.....	136,925	51,555	175,562	.....	280,930
U. S. Govt. securities.....	14,115,000	1,300,000	1,500,000	1,100,000	1,650,000	1,400,000	1,000,000	2,300,000	1,000,000	505,000	800,000	560,000	1,000,000
Total collateral..	28,545,452	1,747,790	6,311,795	1,937,765	2,460,000	2,079,130	1,510,000	5,100,000	1,416,925	716,555	1,255,562	829,000	3,180,930

INDUSTRIAL LOANS BY FEDERAL RESERVE BANKS

[Amounts in thousands of dollars]

Date (last Wednesday or last day of period)	Applications approved to date		Approved but not completed ¹ (amount)	Loans outstanding ² (amount)	Commitments outstanding (amount)	Participations of financing institutions outstanding ³ (amount)
	Number	Amount				
1944.....	3,489	525,532	1,295	3,894	4,165	2,705
1945.....	3,511	544,961	320	1,995	1,644	1,086
1946.....	3,542	565,913	4,577	554	8,309	2,670
1947.....	3,574	586,726	945	1,387	7,434	4,869
1948.....	3,607	615,653	335	995	1,643	1,990
1949.....	3,649	629,326	539	2,178	2,288	2,947
1950.....	3,698	651,389	4,819	2,632	3,754	3,745
1951						
Oct. 31....	3,734	700,040	2,943	4,447	7,151	11,990
Nov. 30....	3,736	706,215	3,073	4,505	6,361	12,064
Dec. 31....	3,736	710,931	3,513	4,687	6,036	11,985
1952						
Jan. 31....	3,738	716,210	832	4,621	7,125	12,018
Feb. 29....	3,741	721,144	772	4,957	6,845	10,307
Mar. 31....	3,741	725,787	108	5,296	6,467	10,474
Apr. 30....	3,743	730,482	571	5,207	6,536	10,339
May 31....	3,743	734,049	235	5,211	6,083	10,262
June 30....	3,745	738,721	1,083	5,101	5,947	10,105
July 31....	3,746	743,629	1,589	4,624	6,184	9,814
Aug. 31....	3,750	748,451	2,142	4,690	6,152	10,128
Sept. 30....	3,750	752,042	1,370	4,496	6,327	9,978
Oct. 31....	3,751	757,277	1,601	4,311	3,720	7,174

¹ Includes applications approved conditionally by the Federal Reserve Banks and under consideration by applicant.

² Includes industrial loans past due 3 months or more, which are not included in industrial loans outstanding in weekly statement of condition of Federal Reserve Banks.

³ Not covered by Federal Reserve Bank commitment to purchase or discount.

NOTE.—The difference between amount of applications approved and the sum of the following four columns represents repayments of advances, and applications for loans and commitments withdrawn or expired.

LOANS GUARANTEED THROUGH FEDERAL RESERVE BANKS UNDER REGULATION V, PURSUANT TO DEFENSE PRODUCTION ACT OF 1950 AND EXECUTIVE ORDER NO. 10161

[Amounts in thousands of dollars]

Date	Guaranteed loans authorized to date		Guaranteed loans outstanding		Additional amount available to borrowers under guarantee agreements outstanding
	Number	Amount	Total amount	Portion guaranteed	
1950					
Dec. 31....	62	31,326	8,017	6,265	8,299
1951					
Mar. 31....	254	300,955	68,833	56,973	47,822
June 30....	484	654,893	252,100	209,465	276,702
July 31....	568	828,584	325,299	267,715	349,905
Aug. 31....	658	1,052,337	405,043	332,618	384,852
Sept. 30....	729	1,154,942	492,167	400,652	450,013
Oct. 31....	776	1,218,988	556,839	454,789	495,512
Nov. 30....	815	1,302,342	615,812	502,524	476,699
Dec. 31....	854	1,395,444	675,459	546,597	472,827
1952					
Jan. 31....	901	1,463,443	715,928	580,381	525,129
Feb. 29....	934	1,530,388	763,838	617,674	511,786
Mar. 31....	971	1,677,786	836,739	672,974	467,392
Apr. 30....	998	1,727,729	838,073	672,678	595,098
May 31....	1,023	1,787,755	870,174	695,814	601,752
June 30....	1,050	1,867,643	883,262	703,774	615,139
July 31....	1,066	1,922,388	909,688	726,452	648,065
Aug. 31....	1,092	2,023,403	907,899	725,943	692,067
Sept. 30....	1,113	2,052,327	922,129	736,833	656,995
Oct. 31....	1,130	2,069,697	993,856	811,132	591,762

NOTE.—The difference between guaranteed loans authorized and sum of loans outstanding and additional amounts available to borrowers under guarantee agreements outstanding represents amounts repaid, guarantees authorized but not completed, and authorizations expired or withdrawn.

**FEES AND RATES ESTABLISHED UNDER REGULATION V
ON LOANS GUARANTEED PURSUANT TO DEFENSE
PRODUCTION ACT OF 1950 AND EXECUTIVE
ORDER NO. 10161**

[In effect November 30]

**Fees Payable to Guaranteeing Agency by Financing Institution on
Guaranteed Portion of Loan**

Percentage of loan guaranteed	Guarantee fee (percentage of interest payable by borrower)	Percentage of any commitment fee charged borrower
70 or less.....	10	10
75.....	15	15
80.....	20	20
85.....	25	25
90.....	30	30
95.....	35	35
Over 95.....	40-50	40-50

**Maximum Rates Financing Institutions May Charge Borrowers
[Per cent per annum]**

Interest rate.....	5
Commitment rate.....	$\frac{3}{4}$

POSTAL SAVINGS SYSTEM

[In millions of dollars]

End of month	Depos- itors' bal- ances ¹	Assets			
		Total	Cash in deposi- tory banks	U. S. Govern- ment securi- ties	Cash reserve funds, etc. ²
1943—December....	1,788	1,843	10	1,716	118
1944—December....	2,342	2,411	8	2,252	152
1945—December....	2,933	3,022	6	2,837	179
1946—December....	3,284	3,387	6	3,182	200
1947—December....	3,417	3,525	6	3,308	212
1948—December....	3,330	3,449	7	3,244	198
1949—December....	3,188	3,312	7	3,118	187
1950—December....	2,924	3,045	11	2,868	166
1951—August.....	2,754	2,877	23	2,680	173
September....	2,738	2,861	23	2,680	158
October.....	2,724	2,851	25	2,670	156
November....	2,714	2,842	25	2,649	168
December....	2,705	2,835	28	2,644	162
1952—January....	2,695	2,825	30	2,638	158
February....	2,681	2,813	31	2,609	173
March.....	2,669	2,794	32	2,599	163
April.....	2,651	2,778	32	2,598	147
May.....	2,633	2,761	33	2,574	153
June.....	2,617	2,746	33	2,557	156
July.....	2,601	2,751	33	2,554	164
August.....	\$2,587				
September....	\$2,572				
October.....	\$2,561				

¹ Preliminary.

² Outstanding principal, represented by certificates of deposit.

³ Includes reserve and miscellaneous working funds with Treasurer of United States, working cash with postmasters, accrued interest on bond investments, and miscellaneous receivables.

Back figures.—See *Banking and Monetary Statistics*, p. 519; for description, see p. 508 in the same publication.

BANK DEBITS AND DEPOSIT TURNOVER

[Debits in millions of dollars]

Year or month	Debits to total deposit accounts, except interbank accounts				Annual rate of turnover of total deposits, except interbank		Debits to demand deposit accounts, except interbank and Government		Annual rate of turnover of demand deposits, except inter- bank and Government	
	Total, all reporting centers	New York City ¹	140 other centers ¹	Other reporting centers	New York City	Other reporting centers	New York City ²	Other leading cities ²	New York City ²	Other leading cities ²
1946.....	1,050,021	417,475	527,336	105,210	18.9	10.0	407,946	522,944	25.2	16.5
1947.....	1,125,074	405,929	599,639	119,506	21.0	11.9	400,468	598,445	24.1	18.0
1948.....	1,249,630	449,002	667,934	132,695	23.6	12.9	445,221	660,155	27.2	19.2
1949.....	1,231,053	452,897	648,976	129,179	24.1	12.4	447,150	639,772	28.2	18.7
1950.....	1,403,752	513,970	742,458	147,324	26.6	13.4	508,166	731,511	31.4	20.3
1951.....	1,577,857	551,889	854,050	171,917	26.9	14.5	540,990	837,491	32.2	21.7
1951—October.....	139,308	47,971	75,799	15,539	26.4	14.4	45,334	72,515	30.4	20.9
November.....	132,158	44,802	72,428	14,928	27.8	15.4	42,503	69,685	31.4	22.0
December.....	144,800	53,500	76,049	15,251	30.7	15.1	55,184	76,007	37.9	22.6
1952—January.....	138,520	48,106	74,953	15,462	26.4	14.4	45,425	71,986	30.1	20.6
February.....	128,022	45,375	68,738	13,908	27.8	14.5	44,419	67,466	32.5	21.4
March.....	139,977	50,180	75,089	14,708	27.9	14.6	50,213	74,545	34.0	22.0
April.....	139,141	52,057	72,607	14,476	28.8	14.1	49,745	70,189	34.4	21.1
May.....	135,965	49,535	71,898	14,532	27.4	13.9	49,830	71,485	34.3	21.3
June.....	144,769	54,922	74,948	14,899	30.9	14.8	55,385	73,019	38.6	22.2
July.....	146,984	57,052	74,908	15,024	30.3	14.2	50,472	69,980	35.1	20.7
August.....	124,641	43,166	67,412	14,063	23.6	12.8	44,101	68,271	31.4	20.2
September.....	139,078	49,278	74,608	15,192	28.8	14.6	47,798	71,343	34.6	21.5
October.....	154,237	55,560	82,171	16,506	30.0	14.7	51,703	77,203	34.4	21.3

¹ National series for which bank debit figures are available beginning with 1919.

² Weekly reporting member bank series. This series was revised beginning July 3, 1946, and the deposits and debits of the new series for the first six months in 1946 are partly estimated.

NOTE.—Debits to total deposit accounts, except interbank accounts, have been reported for 334 centers from 1942 through November 1947, 333 centers from December 1947 through December 1950, and for 342 centers beginning January 1951; the deposits from which rates of turnover have been computed have likewise been reported by most banks and have been estimated for others. Debits to demand deposit accounts, except interbank and U. S. Government, and the deposits from which rates of turnover have been computed have been reported by member banks in leading cities since 1935.

UNITED STATES MONEY IN CIRCULATION, BY DENOMINATIONS

[Outside Treasury and Federal Reserve Banks. In millions of dollars]

End of year or month	Total in circulation ¹	Coin and small denomination currency ²							Large denomination currency ²							Unassorted
		Total	Coin	\$1	\$2	\$5	\$10	\$20	Total	\$50	\$100	\$500	\$1,000	\$5,000	\$10,000	
1939.....	7,598	5,553	590	559	36	1,019	1,772	1,576	2,048	460	919	191	425	20	32	2
1940.....	8,732	6,247	648	610	39	1,129	2,021	1,800	2,489	538	1,112	227	523	30	60	4
1941.....	11,160	8,120	751	695	44	1,355	2,731	2,545	3,044	724	1,433	261	556	24	46	4
1942.....	15,410	11,576	880	801	55	1,693	4,051	4,096	3,837	1,019	1,910	287	586	9	25	3
1943.....	20,449	14,871	1,019	909	70	1,973	5,194	5,705	5,580	1,481	2,912	407	749	9	22	2
1944.....	25,307	17,580	1,156	987	81	2,150	5,983	7,224	7,730	1,996	4,153	555	990	10	24	3
1945.....	28,515	20,683	1,274	1,039	73	2,313	6,782	9,201	7,834	2,327	4,220	454	801	7	24	2
1946.....	28,952	20,437	1,361	1,029	67	2,173	6,497	9,310	8,518	2,492	4,771	438	783	8	26	3
1947.....	28,868	20,020	1,404	1,048	65	2,140	6,275	9,119	8,850	2,548	5,070	428	782	5	17	3
1948.....	28,224	19,529	1,464	1,049	64	2,047	6,060	8,846	8,698	2,494	5,074	400	707	5	17	3
1949.....	27,600	19,025	1,484	1,066	62	2,004	5,897	8,512	8,578	2,435	5,056	382	689	4	11	3
1950.....	27,741	19,305	1,554	1,113	64	2,049	5,998	8,529	8,438	2,422	5,043	368	588	4	12	2
1951—September.....	28,288	19,896	1,616	1,124	64	2,038	6,181	8,874	8,393	2,437	5,034	353	557	4	8	2
October.....	28,417	19,955	1,631	1,132	65	2,041	6,160	8,927	8,463	2,432	5,092	353	554	4	8	2
November.....	28,809	20,283	1,642	1,144	65	2,075	6,291	9,067	8,528	2,482	5,133	352	549	4	8	2
December.....	29,206	20,530	1,654	1,182	67	2,120	6,329	9,177	8,678	2,544	5,207	355	556	4	12	2
1952—January.....	28,386	19,807	1,631	1,115	65	2,009	6,088	8,898	8,582	2,508	5,161	352	550	4	8	2
February.....	28,465	19,904	1,630	1,110	66	2,013	6,152	8,934	8,563	2,503	5,152	351	545	4	8	2
March.....	28,473	19,937	1,637	1,113	65	2,016	6,165	8,940	8,537	2,496	5,140	349	540	4	8	1
April.....	28,464	19,936	1,651	1,114	66	2,004	6,141	8,960	8,529	2,498	5,137	347	535	4	9	1
May.....	28,767	20,231	1,665	1,132	67	2,040	6,261	9,066	8,537	2,508	5,142	346	530	4	8	1
June.....	29,026	20,449	1,678	1,140	68	2,054	6,323	9,187	8,578	2,531	5,166	344	525	4	8	1
July.....	28,978	20,398	1,686	1,129	67	2,034	6,291	9,190	8,582	2,531	5,172	344	522	4	8	2
August.....	29,293	20,659	1,695	1,140	67	2,062	6,376	9,319	8,635	2,551	5,211	342	519	4	8	2
September.....	29,419	20,739	1,705	1,164	68	2,070	6,368	9,365	8,682	2,559	5,252	342	517	4	8	2
October.....	29,644	20,897	1,722	1,175	68	2,074	6,405	9,453	8,749	2,577	5,304	342	514	4	8	2

¹ Total of amounts of coin and paper currency shown by denominations less unassorted currency in Treasury and Federal Reserve Banks.

² Includes unassorted currency held in Treasury and Federal Reserve Banks and currency of unknown denominations reported by the Treasury as destroyed.

³ Paper currency only; \$1 silver coins reported under coin.

Back figures.—See *Banking and Monetary Statistics*, Table 112, pp. 415-416.

UNITED STATES MONEY, OUTSTANDING AND IN CIRCULATION, BY KINDS

[On basis of circulation statement of United States money. In millions of dollars]

	Total outstanding, Oct. 31, 1952	Money held in the Treasury			Money held by Federal Reserve Banks and agents	Money in circulation ¹		
		As security against gold and silver certificates	Treasury cash	For Federal Reserve Banks and agents		Oct. 31, 1952	Sept. 30, 1952	Oct. 31, 1951
Gold.....	23,339	22,177	\$1,162					
Gold certificates.....	22,177			19,324	2,816	37	37	39
Federal Reserve notes.....	26,347		62		1,101	25,184	24,971	24,043
Treasury currency—total.....	4,795	\$2,361	44		328	4,423	4,410	4,335
Standard silver dollars.....	492	256	35		4	197	196	186
Silver bullion.....	2,104	2,104						
Silver certificates and Treasury notes of 1890.....	\$2,361				266	2,094	2,096	2,069
Subsidiary silver coin.....	1,150		5		24	1,121	1,108	1,056
Minor coin.....	409		1		4	404	401	390
United States notes.....	347		2		28	317	318	320
Federal Reserve Bank notes.....	217	(³)			3	214	215	234
National Bank notes.....	77	(³)				76	76	80
Total—Oct. 31, 1952.....	(¹)	24,538	1,268	19,324	4,245	29,644		
Sept. 30, 1952.....	(¹)	24,540	1,278	19,331	4,230		29,419	
Oct. 31, 1951.....	(¹)	23,382	1,283	18,188	4,182			28,417

¹ Outside Treasury and Federal Reserve Banks. Includes any paper currency held outside the continental limits of the United States. Totals for other end-of-month dates are shown in table above and totals by weeks in the table on p. 1291.

² Includes \$156,039,431 held as reserve against United States notes and Treasury notes of 1890.

³ To avoid duplication, amount of silver dollars and bullion held as security against silver certificates and Treasury notes of 1890 outstanding is not included in total Treasury currency outstanding.

⁴ Because some of the types of money shown are held as collateral or reserves against other types, a grand total of all types has no special significance and is not shown. See note for explanation of these duplications.

⁵ Less than \$500,000.

NOTE.—There are maintained in the Treasury—(i) as a reserve for United States notes and Treasury notes of 1890—\$156,039,431 in gold bullion; (ii) as security for Treasury notes of 1890—an equal dollar amount in standard silver dollars (these notes are being canceled and retired on receipt); (iii) as security for outstanding silver certificates—silver in bullion and standard silver dollars of a monetary value equal to the face amount of such silver certificates; and (iv) as security for gold certificates—gold bullion of a value at the legal standard equal to the face amount of such gold certificates. Federal Reserve notes are obligations of the United States and a first lien on all the assets of the issuing Federal Reserve Bank. Federal Reserve notes are secured by the deposit with Federal Reserve agents of a like amount of gold certificates or of gold certificates and such discounted or purchased paper as is eligible under the terms of the Federal Reserve Act, or of direct obligations of the United States. Federal Reserve Banks must maintain a reserve in gold certificates of at least 25 per cent, including the redemption fund with the Treasurer of the United States, against Federal Reserve notes in actual circulation; gold certificates pledged as collateral may be counted as reserves. "Gold certificates" as herein used includes credits with the Treasurer of the United States payable in gold certificates. Federal Reserve Bank notes and national bank notes are in process of retirement.

CHANGES IN COMMERCIAL AND INDUSTRIAL LOANS OF A SAMPLE OF WEEKLY REPORTING MEMBER BANKS BY INDUSTRY ¹

[Net declines, (-). In millions of dollars]

Period ²	Business of borrower												Comm'l ind'l. and agr'l change- total ³
	Manufacturing and mining					Trade (whole- sale and retail)	Com- modity dealers	Sales finance com- panies	Public utilities (incl. trans- porta- tion)	Con- struc- tion	All other types of business	Net changes classi- fied	
	Food, liquor, and tobacco	Textiles, apparel, and leather	Metals and metal products (incl. machin- ery and trans. equip.)	Petro- leum, coal, chemical, and rubber	Other								
1951—April-June...	-243	116	275	48	60	62	-421	63	175	44	8	186	18
July-Dec....	932	-361	873	125	141	16	722	30	351	-98	37	2,769	2,372
1952—Jan.-June...	-868	-73	1,111	176	76	-105	-634	-217	-2	18	-28	-546	-808
July-Sept....	320	64	-208	115	31	15	286	73	-77	22	115	754	822
Monthly:													
1952—July.....	-24	20	-109	29	6	-32	59	-32	-165	6	53	-189	-203
Aug.....	167	37	-105	68	7	-3	83	-37	38	12	36	304	345
Sept.....	176	7	6	18	18	50	144	141	50	3	26	639	680
Oct.....	210	-54	111	42	36	122	262	.....	-60	4	-8	665	668
Nov.....	156	-17	67	47	3	91	112	65	69	-3	21	610	602
Week ending:													
Sept. 3....	18	.....	-2	-3	1	-2	28	40	10	-2	-1	88	91
Sept. 10....	38	10	.....	12	8	10	35	56	1	3	16	187	218
Sept. 17....	55	.....	21	17	13	25	42	42	19	3	13	251	281
Sept. 24....	66	-3	-14	-8	-4	17	40	4	21	-1	-2	113	90
Oct. 1....	32	-7	-12	16	10	13	35	-12	11	-2	4	88	65
Oct. 8....	55	-1	-14	54	11	23	71	-17	-40	-1	-4	138	135
Oct. 15....	65	-14	139	-30	12	35	49	12	-58	6	4	220	248
Oct. 22....	34	-23	-7	3	8	20	58	8	12	-1	-17	94	99
Oct. 29....	25	-11	5	.....	-5	31	50	9	15	2	4	125	121
Nov. 5....	43	5	31	5	.....	19	45	46	34	-3	-1	225	210
Nov. 12....	50	.....	21	11	9	43	37	6	16	.....	19	212	243
Nov. 19....	46	-16	8	8	-4	19	19	21	12	-1	4	117	135
Nov. 26....	17	-7	7	23	-2	9	11	-7	6	.....	.....	5.7	14

¹ Sample includes about 210 weekly reporting member banks reporting changes in their larger loans; these banks hold nearly 90 per cent of total commercial and industrial loans of all weekly reporting member banks and about 70 per cent of those of all commercial banks. During April and May 1951 the coverage was smaller.

² Figures for other than weekly periods are based on weekly changes during period.

³ Net change at all banks in weekly reporting series.

OUTSTANDING COMMITMENTS OF LIFE INSURANCE COMPANIES TO ACQUIRE LOANS AND INVESTMENTS FOR DEFENSE AND NONDEFENSE PURPOSES ¹

[In millions of dollars]

End of month	Total	Defense and defense-supporting				Nondefense								State, county, and municipal
		Total	Public utility	Rail-road	Other business and in-dustry	Total	To business and in-dustry	To others, on real estate mortgages						
								Farm	Nonfarm residential					
									Total	VA guaran- teed	FHA in- sured	Con- ven-tional		
1951—April ²	4,504	1,687	383	300	1,005	2,709	963	99	1,648	650	649	349	108	
May ²	4,331	1,677	450	298	928	2,564	937	88	1,539	577	619	343	91	
June ²	4,197	1,760	446	309	1,005	2,362	831	83	1,447	531	594	322	76	
July ²	4,055	1,757	450	297	1,011	2,221	752	80	1,390	484	566	340	77	
August ²	3,749	1,642	409	286	947	2,053	744	80	1,229	402	509	317	54	
September.....	3,928	1,706	407	236	1,063	2,163	918	83	1,162	365	490	307	59	
October.....	4,037	1,867	395	204	1,268	2,119	945	96	1,078	316	452	310	51	
November.....	4,394	2,112	353	192	1,567	2,238	955	98	1,186	276	437	473	44	
December.....	4,175	2,019	310	170	1,539	2,111	1,007	107	997	270	417	311	44	
1952—January.....	4,144	1,983	302	137	1,544	2,114	1,053	99	962	257	409	295	46	
February.....	4,101	2,111	419	158	1,534	1,937	969	102	866	222	346	298	54	
March.....	4,090	2,211	508	144	1,559	1,842	901	88	852	205	332	315	37	
April.....	4,158	2,181	512	158	1,511	1,946	980	85	881	200	352	329	31	

¹ With suspension of the Voluntary Credit Restraint Program, coverage and classification of these data are being revised. Pending such revision, publication of the series is temporarily discontinued.

² Excludes business mortgage loans of less than \$100,000 each and foreign investments, which were not reported until September.

NOTE.—Data for 45 companies, which account for 85 per cent of the assets of all United States life insurance companies; they were initiated by the Life Insurance Association of America in accordance with the Program for Voluntary Credit Restraint.

COMMERCIAL PAPER AND BANKERS' ACCEPTANCES OUTSTANDING

[In millions of dollars]

End of month	Commer- cial paper out- standing ¹	Dollar acceptances outstanding									
		Total out- standing	Held by				Based on				
			Accepting banks			Others	Imports into United States	Exports from United States	Dollar ex- change	Goods stored in or shipped between points in	
			Total	Own bills	Bills bought					United States	Foreign countries
1951—October	410	398	131	87	44	267	226	106	4	27	35
November	435	437	154	96	58	283	227	116	5	46	43
December	434	490	197	119	79	293	235	133	23	55	44
1952—January	480	492	193	127	66	300	235	135	23	52	48
February	517	493	188	121	67	305	234	135	27	46	51
March	534	458	177	120	57	282	228	138	6	36	51
April	544	422	150	110	40	272	211	135	6	22	48
May	510	430	155	121	34	275	197	136	37	17	43
June	495	416	148	108	40	268	195	126	45	15	36
July	539	450	171	122	49	279	200	126	73	17	34
August	550	454	169	113	56	285	212	119	74	20	30
September	565	454	166	106	61	288	232	108	60	24	31
October	591	449	155	103	52	294	237	114	30	40	28

¹ As reported by dealers; includes some finance company paper sold in open market.

Back figures.—See *Banking and Monetary Statistics*, Table 127, pp. 465-467; for description, see p. 427.

CUSTOMERS' DEBIT BALANCES, MONEY BORROWED, AND PRINCIPAL RELATED ITEMS OF STOCK EXCHANGE FIRMS CARRYING MARGIN ACCOUNTS

[Member firms of New York Stock Exchange. Ledger balances in millions of dollars]

End of month	Debit balances				Credit balances					
	Customers' debit balances (net) ¹	Debit balances in partners' investment and trading accounts	Debit balances in firm investment and trading accounts	Cash on hand and in banks	Money borrowed ²	Customers' credit balances ¹		Other credit balances		
						Free	Other (net)	In partners' investment and trading accounts	In firm investment and trading accounts	In capital accounts (net)
1944—June.	887	5	253	196	619	424	95	15	11	216
December...	1,041	7	260	209	726	472	96	18	8	227
1945—June.	1,223	11	333	220	853	549	121	14	13	264
December...	1,138	12	413	313	795	654	112	29	13	299
1946—June.	809	7	399	370	498	651	120	24	17	314
December...	540	5	312	456	218	694	120	30	10	290
1947—June.	552	6	333	395	223	650	162	24	9	271
December...	578	7	315	393	240	612	176	23	15	273
1948—June.	619	7	326	332	283	576	145	20	11	291
December...	550	10	312	349	257	586	112	28	5	278
1949—June.	681	5	419	280	493	528	129	20	9	260
December...	881	5	400	306	523	633	159	26	15	271
1950—June.	1,256	12	386	314	827	673	166	25	11	312
December...	1,356	9	399	397	745	890	230	36	12	317
1951—June.	1,275	10	375	364	680	834	225	26	13	319
October.....	³ 1,291	.....	.....	.....	³ 653	³ 853	.....	.....	.....	.....
November...	³ 1,279	.....	.....	.....	³ 649	³ 805	.....	.....	.....	.....
December...	1,292	12	392	378	695	816	259	42	11	314
1952—January ...	³ 1,289	.....	.....	.....	³ 633	³ 809	.....	.....	.....	.....
February.....	³ 1,280	.....	.....	.....	³ 652	³ 790	.....	.....	.....	.....
March.....	³ 1,293	.....	.....	.....	³ 734	³ 756	.....	.....	.....	.....
April.....	³ 1,315	.....	.....	.....	³ 818	³ 756	.....	.....	.....	.....
May.....	³ 1,312	.....	.....	.....	³ 847	³ 725	.....	.....	.....	.....
June.....	1,327	9	427	365	912	708	219	23	16	324
July.....	³ 1,387	.....	.....	.....	³ 1,126	³ 692	.....	.....	.....	.....
August.....	³ 1,338	.....	.....	.....	³ 926	³ 675	.....	.....	.....	.....
September...	³ 1,333	.....	.....	.....	³ 891	³ 692	.....	.....	.....	.....
October.....	³ 1,316	.....	.....	.....	³ 860	³ 692	.....	.....	.....	.....

¹ Excludes balances with reporting firms (1) of member firms of New York Stock Exchange and other national securities exchanges and (2) of firms' own partners.

² Includes money borrowed from banks and also from other lenders (not including member firms of national securities exchanges).

³ As reported to the New York Stock Exchange. According to these reports, the part of total customers' debit balances represented by balances secured by U. S. Government securities was (in millions of dollars): August, 48; September, 39; October, 31.

NOTE.—For explanation of these figures see "Statistics on Margin Accounts" in BULLETIN for September 1936. The article describes the method by which the figures are derived and reported, distinguishes the table from a "statement of financial condition," and explains that the last column is not to be taken as representing the actual net capital of the reporting firms.

Back figures.—See *Banking and Monetary Statistics*, Table 143, pp. 501-502, for monthly figures prior to 1942, and Table 144, p. 503, for data in detail at semiannual dates prior to 1942.

OPEN-MARKET MONEY RATES IN NEW YORK CITY [Per cent per annum]

Year, month, or week	Prime commercial paper, 4- to 6-months ¹	Prime bankers' acceptances, 90 days ¹	U. S. Government securities (taxable)			
			3-month bills		9- to 12-month issues ²	3- to 5-year issues ³
			Market yield	Rate on new issues		
1949 average.....	1.48	1.12	1.08	1.102	1.14	1.43
1950 average.....	1.45	1.15	1.20	1.218	1.26	1.50
1951 average.....	2.17	1.60	1.52	1.552	1.73	1.93
1951—November.....	2.25	1.63	1.56	1.608	1.68	2.01
December.....	2.31	1.69	1.73	1.731	1.77	2.09
1952—January.....	2.38	1.75	1.57	1.688	1.75	2.08
February.....	2.38	1.75	1.54	1.574	1.70	2.07
March.....	2.38	1.75	1.59	1.658	1.69	2.02
April.....	2.35	1.75	1.57	1.623	1.60	1.93
May.....	2.31	1.75	1.67	1.710	1.66	1.95
June.....	2.31	1.75	1.70	1.700	1.74	2.04
July.....	2.31	1.75	1.81	1.824	1.89	2.14
August.....	2.31	1.75	1.83	1.876	1.94	2.29
September.....	2.31	1.75	1.71	1.786	1.95	2.28
October.....	2.31	1.75	1.74	1.783	1.84	2.26
November.....	2.31	1.75	1.85	1.862	1.89	2.25
Week ending:						
Nov. 1.....	2.31	1.75	1.75	1.757	1.82	2.24
Nov. 8.....	2.31	1.75	1.78	1.796	1.81	2.22
Nov. 15.....	2.31	1.75	1.83	1.843	1.85	2.25
Nov. 22.....	2.31	1.75	1.87	1.877	1.93	2.25
Nov. 29.....	2.31	1.75	1.93	1.931	1.96	2.27

¹ Monthly figures are averages of weekly prevailing rates.

² Series includes certificates of indebtedness and selected note and bond issues.

³ Series includes selected note and bond issues.

Back figures.—See *Banking and Monetary Statistics*, Tables 120-121, pp. 448-459, and BULLETIN for May 1945, pp. 483-490, and October 1947, pp. 1251-1253.

BANK RATES ON BUSINESS LOANS AVERAGE OF RATES CHARGED ON SHORT-TERM LOANS TO BUSINESS BY BANKS IN SELECTED CITIES [Per cent per annum]

Area and period	All loans	Size of loan			
		\$1,000-\$10,000	\$10,000-\$100,000	\$100,000-\$200,000	\$200,000 and over
Annual averages:					
19 cities:					
1942.....	2.2	4.4	3.2	2.2	2.0
1943.....	2.6	4.4	3.4	2.5	2.4
1944.....	2.4	4.3	3.3	2.6	2.2
1945.....	2.2	4.3	3.2	2.3	2.0
1946.....	2.1	4.2	3.1	2.2	1.7
1947.....	2.1	4.2	3.1	2.5	1.8
1948.....	2.5	4.4	3.5	2.8	2.2
1949.....	2.7	4.6	3.7	3.0	2.4
1950.....	2.7	4.5	3.6	3.0	2.4
1951.....	3.1	4.7	4.0	3.4	2.9
Quarterly:					
19 cities:					
1951—Dec.....	3.27	4.78	4.05	3.49	3.03
1952—Mar.....	3.45	4.85	4.16	3.66	3.24
June.....	3.51	4.90	4.21	3.72	3.29
Sept.....	3.49	4.91	4.22	3.74	3.27
New York City:					
1951—Dec.....	3.01	4.37	3.91	3.34	2.87
1952—Mar.....	3.23	4.43	3.97	3.48	3.11
June.....	3.27	4.53	4.03	3.55	3.14
Sept.....	3.29	4.66	4.06	3.60	3.15
7 Northern and Eastern cities:					
1951—Dec.....	3.23	4.81	4.04	3.46	3.03
1952—Mar.....	3.47	4.91	4.16	3.67	3.29
June.....	3.46	4.90	4.17	3.71	3.27
Sept.....	3.44	4.85	4.20	3.72	3.24
11 Southern and Western cities:					
1951—Dec.....	3.67	4.95	4.15	3.62	3.35
1952—Mar.....	3.79	5.01	4.28	3.79	3.46
June.....	3.90	5.05	4.33	3.86	3.63
Sept.....	3.84	5.04	4.31	3.82	3.56

NOTE.—For description of series see BULLETIN for March 1949, pp. 228-237.

BOND YIELDS¹ [Per cent per annum]

Year, month, or week	U. S. Government (long-term) ²	Municipal (high-grade) ³	Corporate (high-grade) ⁴	Total	Corporate (Moody's) ⁵						
					By ratings				By groups		
					Aaa	Aa	A	Baa	Industrial	Railroad	Public utility
Number of issues.....	1-8	15	9	120	30	30	30	30	40	40	40
1949 average.....	2.31	2.21	2.65	2.96	2.66	2.75	3.00	3.42	2.74	3.24	2.90
1950 average.....	2.32	1.98	2.60	2.86	2.62	2.69	2.89	3.24	2.67	3.10	2.82
1951 average.....	2.57	2.00	2.86	3.08	2.86	2.91	3.13	3.41	2.89	3.26	3.09
1951—November.....	2.66	2.07	2.98	3.20	2.96	3.02	3.26	3.56	2.97	3.42	3.21
December.....	2.70	2.10	3.03	3.25	3.01	3.06	3.31	3.61	3.00	3.50	3.24
1952—January.....	2.74	2.10	2.96	3.24	2.98	3.05	3.32	3.59	3.00	3.48	3.23
February.....	2.71	2.04	2.89	3.18	2.93	3.01	3.25	3.53	2.97	3.38	3.19
March.....	2.70	2.07	2.96	3.19	2.96	3.03	3.24	3.51	2.99	3.36	3.21
April.....	2.64	2.01	2.92	3.16	2.93	3.01	3.20	3.50	2.97	3.32	3.19
May.....	2.57	2.05	2.93	3.16	2.93	3.00	3.20	3.49	2.97	3.31	3.19
June.....	2.61	2.10	2.95	3.17	2.94	3.03	3.20	3.50	2.98	3.32	3.20
July.....	2.61	2.12	2.96	3.17	2.95	3.04	3.19	3.50	2.99	3.33	3.20
August.....	2.70	2.22	2.97	3.18	2.94	3.06	3.21	3.51	3.00	3.34	3.20
September.....	2.71	2.33	2.98	3.19	2.95	3.07	3.22	3.52	3.02	3.36	3.20
October.....	2.74	2.42	3.04	3.22	3.01	3.08	3.24	3.54	3.05	3.39	3.22
November.....	2.71	2.40	2.98	3.20	2.98	3.06	3.24	3.53	3.05	3.37	3.19
Week ending:											
Nov. 1.....	2.71	2.41	3.03	3.22	3.01	3.08	3.25	3.55	3.07	3.39	3.22
Nov. 8.....	2.69	2.39	3.00	3.22	3.00	3.07	3.25	3.54	3.06	3.38	3.21
Nov. 15.....	2.71	2.40	2.98	3.21	2.98	3.06	3.24	3.54	3.05	3.37	3.19
Nov. 22.....	2.71	2.40	2.97	3.20	2.98	3.06	3.23	3.53	3.05	3.37	3.19
Nov. 29.....	2.71	2.40	2.96	3.19	2.97	3.05	3.23	3.52	3.05	3.35	3.18

¹ Monthly and weekly data are averages of daily figures, except for municipal bonds, which are based on figures for Wednesday.

² Beginning Apr. 1, 1952, series includes all fully taxable, marketable bonds due or first callable after 12 years. Prior to that date, only bonds due or first callable after 15 years were included.

³ Standard and Poor's Corporation.

⁴ U. S. Treasury Department.

⁵ Moody's Investors Service, week ending Friday. Because of a limited number of suitable issues, the industrial Aaa and Aa groups have been reduced from 10 to 6 issues, and the railroad Aaa and Aa groups from 10 to 5 and 4 issues, respectively.

Back figures.—See *Banking and Monetary Statistics*, Tables 128-129, pp. 468-474, and BULLETIN for May 1945, pp. 483-490, and October 1947, pp. 1251-1253.

NEW CORPORATE SECURITY ISSUES¹
PROPOSED USES OF PROCEEDS, ALL ISSUERS
(In millions of dollars)

Year or month	Estimated gross proceeds ²	Estimated net proceeds ³	Proposed uses of net proceeds							
			New money			Retirement of securities			Repayment of other debt	Other purposes
			Total	Plant and equipment	Working capital	Total	Bonds and notes	Preferred stock		
1938.....	2,155	2,110	681	504	177	1,206	1,119	87	215	7
1939.....	2,164	2,115	325	170	155	1,695	1,637	59	69	26
1940.....	2,677	2,615	569	424	145	1,854	1,726	128	174	19
1941.....	2,667	2,623	868	661	207	1,583	1,483	100	144	28
1942.....	1,062	1,043	474	287	187	396	366	30	138	35
1943.....	1,170	1,147	308	141	167	739	667	72	73	27
1944.....	3,202	3,142	657	252	405	2,389	2,038	351	49	47
1945.....	6,011	5,902	1,080	638	442	4,555	4,117	438	134	133
1946.....	6,900	6,757	3,279	2,115	1,164	2,868	2,392	476	379	231
1947.....	6,577	6,466	4,591	3,409	1,182	1,352	1,155	196	356	168
1948.....	7,078	6,959	5,929	4,221	1,708	307	240	67	488	234
1949.....	6,052	5,959	4,606	3,724	882	401	360	41	637	315
1950.....	6,361	6,261	4,006	2,966	1,041	1,271	1,149	122	620	364
1951.....	7,741	7,607	6,531	5,110	1,421	486	391	96	363	226
1951—November.....	673	660	570	488	83	43	42	1	29	18
December.....	871	856	771	682	90	45	42	2	11	29
1952—January.....	605	595	559	487	72	8	8	.....	15	13
February.....	478	469	413	278	134	36	35	1	13	7
March.....	972	954	875	655	221	15	15	.....	45	19
April.....	967	951	844	613	232	13	9	3	70	24
May.....	1,116	1,097	925	735	189	126	126	.....	38	9
June.....	848	836	747	553	194	38	38	.....	46	5
July.....	1,309	1,290	1,234	1,053	180	34	34	.....	14	8
August.....	428	420	280	215	65	125	119	5	5	10
September.....	463	456	386	288	98	48	45	3	14	7
October.....	1,049	1,034	775	519	255	94	92	3	157	9

PROPOSED USES OF PROCEEDS, BY MAJOR GROUPS OF ISSUERS⁴
(In millions of dollars)

Year or month	Manufacturing ⁵			Commercial and miscellaneous ⁶			Railroad			Public utility ⁷			Communication ⁸			Real estate and financial		
	Total net proceeds ⁹	New money	Retirements ¹⁰	Total net proceeds ⁹	New money	Retirements ¹⁰	Total net proceeds ⁹	New money	Retirements ¹⁰	Total net proceeds ⁹	New money	Retirements ¹⁰	Total net proceeds ⁹	New money	Retirements ¹⁰	Total net proceeds ⁹	New money	Retirements ¹⁰
1938.....	831	469	226	.....	.....	.....	54	24	30	1,208	180	943	.....	.....	.....	16	8	7
1939.....	584	188	353	.....	.....	.....	182	85	97	1,246	43	1,157	.....	.....	.....	102	9	88
1940.....	961	167	738	.....	.....	.....	319	115	186	1,180	245	922	.....	.....	.....	155	42	9
1941.....	828	244	463	.....	.....	.....	361	253	108	1,340	317	993	.....	.....	.....	94	55	18
1942.....	527	293	89	.....	.....	.....	47	32	15	464	145	292	.....	.....	.....	4	4	.....
1943.....	497	228	199	.....	.....	.....	160	46	114	469	22	423	.....	.....	.....	21	13	4
1944.....	1,033	454	504	.....	.....	.....	602	102	500	1,400	40	1,343	.....	.....	.....	107	61	42
1945.....	1,969	811	1,010	.....	.....	.....	1,436	115	1,320	2,291	69	2,159	.....	.....	.....	206	85	65
1946.....	3,601	2,201	981	.....	.....	.....	704	129	571	2,129	785	1,252	.....	.....	.....	323	164	64
1947.....	2,686	1,974	353	.....	.....	.....	283	240	35	3,212	2,188	939	.....	.....	.....	286	189	24
1948.....	2,180	1,726	54	403	304	21	617	546	56	2,281	1,998	145	891	870	2	587	485	30
1949.....	1,391	851	44	333	229	28	456	441	11	2,615	2,140	234	567	505	49	593	440	35
1950.....	1,175	688	149	538	262	63	548	301	193	2,866	1,971	685	395	304	81	739	480	100
1951.....	3,066	2,617	221	518	337	56	332	297	34	2,570	2,317	104	605	594	5	515	368	66
1951—November.....	214	180	21	46	22	.....	76	61	15	273	260	6	37	37	.....	14	11	.....
December.....	480	428	26	39	28	2	22	22	.....	266	251	14	25	24	.....	23	18	2
1952—January.....	349	331	.....	29	21	1	17	17	.....	184	177	6	2	2	.....	14	11	1
February.....	285	238	31	13	9	2	29	29	.....	125	122	3	3	3	.....	13	12	.....
March.....	366	336	4	61	46	5	12	12	.....	490	461	6	6	6	.....	20	15	.....
April.....	350	329	5	66	39	5	34	34	.....	399	343	7	45	45	3	56	55	.....
May.....	559	502	45	40	29	.....	119	41	68	313	293	8	26	26	.....	40	34	5
June.....	287	255	2	44	42	.....	51	16	35	355	338	1	29	29	.....	70	68	.....
July.....	351	329	9	51	45	.....	46	46	.....	282	280	1	493	493	.....	68	41	24
August.....	132	89	35	36	31	1	94	10	85	122	120	.....	22	22	.....	14	9	4
September.....	185	131	39	19	16	1	12	12	.....	197	194	1	18	18	.....	25	16	8
October.....	579	445	19	14	12	1	15	13	1	333	220	67	26	25	1	67	59	5

¹ Estimates of new issues sold for cash in the United States.
² Gross proceeds are derived by multiplying principal amounts or number of units by offering price.
³ Estimated net proceeds are equal to estimated gross proceeds less cost of flotation, i. e., compensation to underwriters, agents, etc., and expenses.
⁴ Classifications for years 1938-47 are not precisely comparable with those beginning 1948, but they are believed to be sufficiently similar for broad comparisons. See also footnotes 5 through 8.
⁵ Prior to 1948 this group corresponds to that designated "Industrial" in the old classification.
⁶ Included in "Manufacturing" prior to 1948.
⁷ Includes "Other transportation" for which separate figures are available beginning in 1948.
⁸ Included in "Public utility" prior to 1948.
⁹ Includes issues for repayment of other debt and for other purposes not shown separately.
¹⁰ Retirement of securities only.
Source.—Securities and Exchange Commission; for compilation of back figures, see *Banking and Monetary Statistics*, Table 138, p. 491, a publication of the Board of Governors.

SALES, PROFITS, AND DIVIDENDS OF LARGE CORPORATIONS

MANUFACTURING CORPORATIONS

[In millions of dollars]

Year or quarter	Assets of 10 million dollars and over (200 corporations)				Assets of 50 million dollars and over (81 corporations)				Assets of 10-50 million dollars (119 corporations)			
	Sales	Profits before taxes	Profits after taxes	Divi- dends	Sales	Profits before taxes	Profits after taxes	Divi- dends	Sales	Profits before taxes	Profits after taxes	Divi- dends
Annual												
1939.....	10,621	1,212	999	725	9,008	1,071	883	656	1,613	141	116	69
1940.....	13,041	1,848	1,277	859	11,138	1,638	1,127	772	1,903	211	149	86
1941.....	18,342	3,165	1,523	951	15,691	2,778	1,329	854	2,651	387	194	96
1942.....	21,841	3,408	1,224	763	18,544	2,876	1,056	672	3,297	532	168	91
1943.....	28,312	3,693	1,263	779	24,160	3,111	1,097	688	4,152	582	167	91
1944.....	30,421	3,538	1,258	851	25,851	2,982	1,091	755	4,550	557	167	96
1945.....	26,600	2,429	1,132	864	22,278	1,976	964	764	4,322	453	168	100
1946.....	21,372	2,038	1,205	946	17,415	1,573	932	804	3,956	465	274	142
1947.....	30,869	4,104	2,524	1,170	25,686	3,423	2,105	1,000	5,183	681	420	170
1948.....	37,008	5,317	3,312	1,404	31,238	4,593	2,860	1,210	5,770	723	452	194
1949.....	36,738	5,038	3,101	1,660	31,578	4,506	2,768	1,474	5,160	531	332	186
1950.....	44,118	7,893	4,055	2,240	37,831	6,992	3,566	2,013	6,287	902	489	228
1951.....	51,067	8,557	3,411	1,986	43,389	7,492	2,975	1,754	7,678	1,066	436	232
Quarterly												
1950—2 ¹	10,695	1,821	1,038	395	9,213	1,629	926	347	1,482	192	112	48
3 ¹	11,847	2,190	1,240	583	10,156	1,928	1,090	534	1,691	262	150	50
4 ¹	12,313	2,482	987	875	10,527	2,182	846	785	1,786	300	141	89
1951—1 ¹	12,711	2,238	878	469	10,811	1,951	765	420	1,899	287	113	48
2 ¹	13,047	2,219	839	475	11,079	1,928	724	421	1,968	291	115	54
3 ¹	12,297	1,964	762	475	10,443	1,716	658	422	1,854	248	103	53
4 ¹	13,013	2,137	932	567	11,055	1,897	827	490	1,957	240	105	77
1952—1.....	12,760	1,940	815	482	10,812	1,715	727	430	1,948	225	88	52
2.....	*12,606	*1,618	*624	476	*10,623	*1,415	*540	422	*1,983	*203	*84	54
3.....	12,227	1,507	683	475	10,266	1,302	588	421	1,961	205	95	54

PUBLIC UTILITY CORPORATIONS

[In millions of dollars]

Year or quarter	Railroad				Electric power				Telephone			
	Operat- ing revenue	Profits before taxes	Profits after taxes	Divi- dends	Operat- ing revenue	Profits before taxes	Profits after taxes	Divi- dends	Operat- ing revenue	Profits before taxes	Profits after taxes	Divi- dends
Annual												
1939.....	3,995	126	93	126	2,647	629	535	444	1,137	231	189	164
1940.....	4,297	249	189	159	2,797	692	548	447	1,206	257	193	167
1941.....	5,347	674	500	186	3,029	774	527	437	1,334	297	187	162
1942.....	7,466	1,658	902	202	3,216	847	490	408	1,508	364	168	151
1943.....	9,055	2,211	873	217	3,464	913	502	410	1,691	420	176	156
1944.....	9,437	1,972	667	246	3,615	902	507	398	1,815	451	168	155
1945.....	8,902	756	450	246	3,681	905	534	407	1,979	433	174	162
1946.....	7,628	271	287	235	3,815	964	638	458	2,148	313	209	168
1947.....	8,685	777	479	236	4,291	954	643	494	2,283	215	138	131
1948.....	9,672	1,148	699	289	4,830	983	657	493	2,694	292	186	178
1949.....	8,580	700	438	252	5,055	1,129	757	553	2,967	333	207	213
1950.....	9,473	1,384	783	312	5,431	1,303	824	619	3,342	580	331	276
1951.....	10,391	1,260	693	328	5,867	1,480	818	661	3,729	691	341	318
Quarterly												
1950—2.....	2,238	243	*152	53	1,322	321	*212	153	821	137	*84	67
3.....	2,534	454	*258	55	1,317	293	*171	152	853	158	*84	70
4.....	2,715	574	*318	142	1,415	339	*211	168	881	169	*92	76
1951—1.....	2,440	229	*104	101	1,504	413	*229	157	904	175	*90	77
2.....	2,596	275	*146	63	1,419	344	*195	161	918	174	*92	79
3.....	2,583	250	*124	53	1,423	320	*168	162	931	160	*72	81
4.....	2,772	505	*320	111	1,521	403	*226	181	976	182	*86	81
1952—1.....	2,587	295	141	80	1,603	498	257	172	993	194	93	85
2.....	2,532	261	149	74	1,491	400	214	173	1,023	205	98	87
3.....	2,633	368	208	66	1,513	382	207	177	1,037	182	88	91

*Revised.

¹ Certain tax accruals for the first six months of 1950 and 1951, required by subsequent increases in Federal income tax rates and charged by many companies against third quarter profits, have been redistributed to the first and second quarters. Available information does not permit a similar redistribution of accruals charged against fourth quarter 1950 profits to cover 1950 liability for excess profits taxes.

² As reported.

NOTE.—*Manufacturing corporations.* Data are from published company reports, except sales for period beginning 1946, which are from reports of the Securities and Exchange Commission. For certain items, data for years 1939-44 are partly estimated. Assets are total assets as of the end of 1946.

Railroads. Figures are for Class I line-haul railroads (which account for 95 per cent of all railroad operations) and are obtained from reports of the Interstate Commerce Commission.

Electric power. Figures are for Class A and B electric utilities (which account for about 95 per cent of all electric power operations) and are obtained from reports of the Federal Power Commission, except that quarterly figures on operating revenue and profits before taxes are partly estimated by the Federal Reserve, to include affiliated nonelectric operations.

Telephone. Revenues and profits are for telephone operations of the Bell System Consolidated (including the 20 operating subsidiaries and the Long Lines and General departments of American Telephone and Telegraph Company) and for two affiliated telephone companies, which together represent about 85 per cent of all telephone operations. Dividends are for the 20 operating subsidiaries and the two affiliates. Data are obtained from the Federal Communications Commission.

All series. Profits before taxes refer to income after all charges and before Federal income taxes and dividends. For description of series and back figures, see pp. 662-666 of the BULLETIN for June 1949 (manufacturing); pp. 215-217 of the BULLETIN for March 1942 (public utilities); and p. 908 of the BULLETIN for September 1944 (electric power).

SALES, PROFITS, AND DIVIDENDS OF LARGE MANUFACTURING CORPORATIONS, BY INDUSTRY

[In millions of dollars]

Industry	Annual			Quarterly								
	1949	1950	1951	1950 ¹		1951 ¹				1952		
				3	4	1	2	3	4	1	2	3
Nondurable goods industries												
Total (94 corps.): ²												
Sales.....	12,853	14,777	17,371	3,958	4,085	4,349	4,288	4,294	4,441	4,335	4,216	4,361
Profits before taxes.....	1,847	2,702	3,184	785	830	855	814	773	741	705	599	642
Profits after taxes.....	1,213	1,513	1,411	467	395	368	342	334	368	314	287	308
Dividends.....	710	889	845	213	334	199	202	203	242	210	206	205
Selected industries:												
Foods and kindred products (28 corps.):												
Sales.....	3,323	3,492	3,873	980	913	1,025	901	942	1004	959	942	983
Profits before taxes.....	379	469	407	159	126	124	86	93	104	86	93	105
Profits after taxes.....	235	257	199	89	62	61	40	46	52	40	42	49
Dividends.....	135	143	140	34	45	31	35	32	42	32	33	32
Chemical and allied products (26 corps.):												
Sales.....	3,557	4,447	5,433	1,188	1,260	1,338	1,377	1,351	1,367	1,373	1,337	1,367
Profits before taxes.....	675	1,110	1,384	313	345	365	365	342	312	318	281	285
Profits after taxes.....	404	560	484	179	131	128	120	111	125	108	105	107
Dividends.....	312	438	355	113	174	84	85	87	100	87	87	88
Petroleum refining (14 corps.):												
Sales.....	3,865	4,234	4,999	1,113	1,172	1,204	1,204	1,246	1,345	1,318	1,275	1,325
Profits before taxes.....	525	650	861	187	209	217	203	218	222	204	147	165
Profits after taxes.....	406	442	516	130	130	123	118	127	148	129	111	114
Dividends.....	172	205	231	44	78	57	55	55	64	64	60	60
Durable goods industries												
Total (106 corps.): ²												
Sales.....	23,885	29,341	33,696	7,889	8,228	8,362	8,759	8,003	8,572	8,425	8,390	7,866
Profits before taxes.....	3,191	5,192	5,374	1,405	1,653	1,382	1,405	1,191	1,396	1,234	1,019	865
Profits after taxes.....	1,887	2,542	2,000	773	592	510	497	428	565	501	338	375
Dividends.....	950	1,351	1,141	370	541	270	273	273	325	273	270	270
Selected industries:												
Primary metals and products (39 corps.):												
Sales.....	8,187	10,446	12,501	2,718	2,965	3,044	3,198	3,034	3,226	3,073	2,385	2,605
Profits before taxes.....	993	1,700	2,092	455	547	525	557	492	519	425	298	214
Profits after taxes.....	578	854	775	253	214	188	193	176	217	220	29	102
Dividends.....	285	377	380	80	157	88	85	86	120	88	87	86
Machinery (27 corps.):												
Sales.....	4,353	5,058	6,167	1,269	1,493	1,480	1,563	1,434	1,690	1,590	1,726	1,713
Profits before taxes.....	519	847	998	194	341	250	237	210	301	232	238	218
Profits after taxes.....	320	424	367	107	145	90	82	73	123	81	80	91
Dividends.....	138	208	191	38	84	43	47	48	54	49	48	49
Automobiles and equipment (15 corps.):												
Sales.....	9,577	11,805	12,438	3,355	3,192	3,268	3,331	2,899	2,939	3,035	3,427	2,681
Profits before taxes.....	1,473	2,305	1,915	656	655	513	508	405	488	503	596	350
Profits after taxes.....	861	1,087	704	357	189	194	183	142	185	170	191	144
Dividends.....	451	671	479	232	258	122	119	119	119	116	114	114

* Revised, * Corrected.

¹ Certain tax accruals for the first six months of 1950 and 1951, required by subsequent increases in Federal income tax rates and charged by many companies against third quarter profits, have been redistributed to the first and second quarters. Available information does not permit a similar redistribution of accruals charged against fourth quarter 1950 profits to cover 1950 liability for excess profits taxes.

² Total includes 26 companies in nondurable goods groups not shown separately, as follows: textile mill products (10); paper and allied products (15); and miscellaneous (1).

³ Total includes 25 companies in durable goods groups not shown separately, as follows: building materials (12); transportation equipment other than automobile (6); and miscellaneous (7).

CORPORATE PROFITS, TAXES, AND DIVIDENDS

(Estimates of the Department of Commerce. Quarterly data at seasonally adjusted annual rates)

[In billions of dollars]

Year	Profits before taxes	Income taxes	Profits after taxes	Cash dividends	Undistributed profits	Quarter	Profits before taxes	Income taxes	Profits after taxes	Cash dividends	Undistributed profits
1940.....	9.3	2.9	6.4	4.0	2.4	1950—3.....	44.3	20.6	23.7	9.3	14.4
1941.....	17.2	7.8	9.4	4.5	4.9	4.....	48.4	22.5	26.0	10.7	15.3
1942.....	21.1	11.7	9.4	4.3	5.1						
1943.....	25.1	14.4	10.6	4.5	6.2	1951—1.....	50.1	28.4	21.7	8.6	13.1
1944.....	24.3	13.5	10.8	4.7	6.1	2.....	43.3	24.5	18.8	9.0	9.8
1945.....	19.7	11.2	8.5	4.7	3.8	3.....	38.6	21.8	16.9	9.2	7.7
1946.....	23.5	9.6	13.9	5.8	8.1	4.....	39.5	22.2	17.3	9.3	8.0
1947.....	30.5	11.9	18.5	6.6	12.0						
1948.....	33.8	13.0	20.7	7.3	13.6	1952—1.....	42.7	24.7	18.1	8.9	9.2
1949.....	27.1	10.8	16.3	7.5	8.8	2.....	39.5	22.9	16.6	9.6	7.0
1950.....	39.6	18.4	21.2	9.0	12.2	3.....	*41.0	*23.5	*17.5	9.3	*8.2
1951.....	42.9	24.2	18.7	9.0	9.7						

* Revised.

¹ Figures, except for cash dividends, are estimates of Council of Economic Advisers, based on preliminary data.

GOVERNMENT CORPORATIONS AND CREDIT AGENCIES

[Based on compilation by United States Treasury Department. In millions of dollars]

PRINCIPAL ASSETS AND LIABILITIES

Corporation or agency	Assets, other than interagency items ¹							Liabilities, other than interagency items				U. S. Government interest	Privately owned interest	
	Total	Cash	Loans receivable	Commodities, supplies, and materials	Investments		Land, structures, and equipment	Other assets	Bonds, notes, and debentures payable		Other liabilities			
					U. S. Govt. securities	Other securities ²			Fully guaranteed by U. S.	Other				
All agencies:														
Sept. 30, 1951.....	25,668	659	13,906	1,515	2,236	3,472	3,025	854	34	1,399	949	22,962	322	
Dec. 31, 1951.....	26,744	931	14,422	1,461	2,226	3,463	3,358	882	43	1,369	1,161	23,842	329	
Mar. 31, 1952.....	26,858	844	14,422	1,322	2,422	3,451	3,406	991	38	1,214	1,247	24,010	349	
June 30, 1952.....	27,933	808	15,913	1,350	2,364	3,438	3,186	874	44	1,228	1,200	25,104	357	
Classification by agency, June 30, 1952														
Department of Agriculture:														
Farm Credit Administration:														
Banks for cooperatives.....	412	23	340		43		(⁴)	6		112	2	275	24	
Federal intermediate credit banks.....	939	15	866		49			10		857	10	71		
Production credit corporations.....	52	(⁴)			43	9		(⁴)			(⁴)	52		
Agricultural Marketing Act.....	1	(⁴)						(⁴)			(⁴)	1		
Federal Farm Mortgage Corp.....	31	1	29					1	1		(⁴)	30		
Rural Electrification Administration.....	1,918	24	1,829				(⁴)	65			(⁴)	1,918		
Commodity Credit Corporation.....	1,915	15	386	1,023			(⁴)	104	388	(⁴)	136	1,779		
Farmers' Home Administration ⁵	537	14	495		1		(⁴)	27			1	536		
Federal Crop Insurance Corp.....	37	32						5			9	28		
Housing and Home Finance Agency:														
Home Loan Bank Board:														
Federal home loan banks.....	1,003	37	653		311	(⁴)		3		258	412	(⁴)	333	
Federal Savings and Loan Insurance Corp..	214	1		(⁴)	209			3			6	208		
Public Housing Administration.....	1,968	80	623	(⁴)		(⁴)	1,232	33			36	1,931		
Federal Housing Administration.....	474	65	32		286	(⁴)		89	43		224	207		
Office of the Administrator:														
Federal National Mortgage Association...	2,081	2	2,068				(⁴)	11			3	2,078		
Other.....	93	21	38				30	4			(⁴)	93		
Reconstruction Finance Corporation:														
Assets held for U. S. Treasury ⁶	401	8	1	145		2	202	44				401		
Other ⁷	812	20	678	41	1	42	1	30			90	722		
Export-Import Bank.....	2,431	2	2,389	(⁴)			(⁴)	41			57	2,375		
Federal Deposit Insurance Corp.....	1,431	3		(⁴)	1,421			7			108	1,323		
Tennessee Valley Authority.....	1,403	209		18			1,170	6			43	1,360		
All other.....	9,779	236	5,486	123	(⁴)	3,385	446	103			62	9,717		

CLASSIFICATION OF LOANS BY PURPOSE AND AGENCY

Purpose of loan	June 30, 1952													Mar. 31, 1952, all agencies
	Fed. Farm Mort. Corp.	Fed. inter- mediate credit banks	Banks for co- opera- tives	Com- modity Credit Corp.	Rural Elec- trifica- tion Adm.	Farm- ers' Home Adm.	Fed. Nat'l. Mort. Assn.	Public Hous- ing Adm.	Fed. home loan banks	Recon- struc- tion Fin- ance Corp.	Ex- port- Import Bank	All other	All agen- cies	
To aid agriculture.	29	866	343	390	1,831	594						6	4,058	4,239
To aid home owners.							2,068	(⁴)		119		201	2,387	2,363
To aid industry:														
Railroads.										83		2	85	98
Other.								(⁴)		395	(⁴)	70	464	473
To aid financial institutions:														
Banks.										(⁴)			(⁴)	(⁴)
Other.									653	(⁴)			653	597
Foreign loans.										58	2,389	5,170	7,617	6,096
Other.								624		61		116	801	731
Less: Reserve for losses.		(⁴)	3	3	2	99		1		38	(⁴)	7	153	173
Total loans receivable (net)...	29	866	340	386	1,829	495	2,068	623	653	679	2,389	5,557	15,913	14,422

¹ Assets are shown on a net basis, i. e., after reserve for losses.

² Totals for each quarter include the United States' investment of 635 million dollars in stock of the International Bank for Reconstruction and Development and its subscription of 2,750 million to the International Monetary Fund.

³ See footnote 8.

⁴ Less than \$500,000. ⁵ Includes Disaster Loans, etc., Revolving Fund.

⁶ Assets representing unrecovered costs to the Corporation in its national defense, war, and reconversion activities, which are held for the Treasury for liquidation purposes in accordance with provisions of Public Law 860, 80th Congress.

⁷ Includes figures for Smaller War Plants Corp., which is being liquidated by the Reconstruction Finance Corp.

⁸ Includes the Treasury loan to the United Kingdom (3.7 billion dollars) and, beginning with the balance sheet for June 30, 1952, lending by the Mutual Security Agency (1.5 billion).

NOTE.—Statement includes figures for certain business-type activities of the U. S. Government. Comparability of the figures with those for earlier years has been affected by (1) the adoption of a new reporting form beginning Sept. 30, 1944, and (2) changes in activities included, that is, exclusion of the U. S. Maritime Commission beginning June 30, 1948 and inclusion of the Mutual Security Agency beginning June 30, 1952. For back figures see earlier issues of the BULLETIN and Banking and Monetary Statistics, Table 152, p. 517.

INDUSTRIAL PRODUCTION, BY INDUSTRIES

(Adjusted for Seasonal Variation)

[Federal Reserve index numbers, 1935-39 average = 100]

Industry	1951			1952									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Industrial Production—Total	218	219	218	221	222	221	216	211	204	193	214	226	227
Manufactures—Total	226	228	228	231	232	231	225	224	214	202	225	235	238
Durable Manufactures	274	277	282	282	284	285	277	277	247	230	266	287	294
Iron and Steel ¹	261	261	263	261	261	263	245	246	140	139	242	267	276
Pig iron	235	232	227	229	235	239	205	208	42	38	221	242	247
Steel	304	307	304	304	304	309	278	278	66	83	283	319	332
Open hearth	217	216	219	218	221	225	196	195	39	36	202	222	233
Electric	921	954	911	913	892	911	855	867	256	418	860	1013	1040
Machinery	340	347	358	359	360	359	354	353	352	331	337	353	362
Transportation Equipment	311	313	320	318	322	327	329	338	339	287	300	346	356
Automobiles (including parts)	223	216	221	218	219	222	227	231	229	162	175	239	246
(Aircraft; Railroad Equipment; Shipbuilding — Private and Government) ²													
Nonferrous Metals and Products	201	209	207	216	217	218	218	216	210	201	213	221	228
Smelting and refining	230	235	235	243	249	252	257	259	247	242	251	248	250
(Copper smelting; Lead refining; Zinc smelting; Aluminum; Magnesium; Tin) ²													
Fabricating	190	198	196	206	204	204	203	199	195	184	197	209	219
(Copper products; Lead shipments; Zinc shipments; Aluminum products; Magnesium products; Tin consumption) ²													
Lumber and Products	149	157	154	159	162	158	152	142	146	141	148	155	154
Lumber	138	149	141	150	154	149	143	128	134	128	135	140	138
Furniture	171	172	178	175	176	175	170	168	169	165	175	183	187
Stone, Clay, and Glass Products	219	212	219	217	224	222	220	217	222	214	221	222	222
Glass products	214	199	208	210	223	224	225	227	247	243	243	245	241
Glass containers	222	204	216	223	239	239	242	243	269	266	261	261	254
Cement	217	219	242	233	257	244	238	230	222	215	231	227	231
Clay products	172	173	172	182	177	175	173	168	170	158	164	161	158
Other stone and clay products ²													
Nondurable Manufactures	188	188	185	189	190	188	183	181	186	179	191	194	193
Textiles and Products	154	157	152	157	160	152	144	151	154	147	170	176	172
Textile fabrics	139	142	137	142	146	139	131	137	138	129	152	158	144
Cotton consumption	140	144	136	144	150	141	130	135	133	111	143	145	142
Rayon deliveries	293	289	283	296	294	288	280	287	312	343	369	377	362
Nylon and silk consumption ²													
Wool textiles	114	120	118	116	122	112	108	117	112	103	123	136	136
Carpet wool consumption	86	94	99	120	133	123	117	113	75	71	120	148	148
Apparel wool consumption	119	122	121	110	116	110	110	123	125	120	139	149	149
Wool and worsted yarn	114	120	115	109	117	108	103	112	113	103	120	129	129
Woolen yarn	108	116	112	108	114	103	96	108	106	97	112	119	119
Worsted yarn	123	126	119	109	120	114	112	116	124	112	131	143	143
Woolen and worsted cloth	126	133	131	126	126	113	109	123	124	113	123	135	135
Leather and Products	91	89	88	100	107	108	102	105	103	91	116	112	...
Leather tanning	80	78	79	86	90	86	84	90	92	81	97	97	97
Cattle hide leathers	96	94	91	98	101	98	95	105	106	91	110	107	107
Calf and kip leathers	51	51	59	64	73	68	72	67	69	60	79	90	90
Goat and kid leathers	53	53	60	70	72	69	64	67	67	71	67	66	66
Sheep and lamb leathers	67	69	71	71	74	72	69	72	79	66	89	88	88
Shoes	98	97	94	110	118	122	114	115	111	98	129	123	123
Manufactured Food Products	163	160	160	162	165	166	163	160	166	162	163	166	163
Wheat flour	109	115	109	122	113	103	108	103	113	109	109	108	110
Cane sugar meltings ²													
Manufactured dairy products	140	137	136	137	138	142	146	148	147	145	148	148	146
Butter	71	64	62	65	66	71	73	73	69	70	69	71	73
Cheese	163	158	161	165	163	169	181	183	180	176	178	178	176
Canned and dried milk	126	118	119	118	120	133	149	163	164	152	168	166	155
Ice cream ²													

* Preliminary. * Revised.

¹ Methods used in compiling the iron and steel group index have been revised beginning October 1949. A description of the new methods may be obtained from the Division of Research and Statistics.

² Series included in total and group indexes but not available for publication separately.

³ Because of a reclassification of the basic data used to measure changes in production, the sulphate pulp and sulphite pulp series are no longer available separately. Individual indexes through June 1951 are shown in preceding BULLETINS.

INDUSTRIAL PRODUCTION, BY INDUSTRIES—Continued
(Adjusted for Seasonal Variation)

[Federal Reserve index numbers, 1935–39 average = 100]

Industry	1951			1952									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Manufactured Food Products—Continued													
Meat packing.....	157	168	163	162	182	179	165	146	148	147	158	170	169
Pork and lard.....	198	205	200	193	228	230	207	167	170	163	180	200	194
Beef.....	124	143	141	145	153	141	135	140	137	144	149	151	153
Veal.....	109	106	84	87	84	81	79	84	99	109	121	125	131
Lamb and mutton.....	74	75	69	80	85	85	79	76	78	68	77	87	96
Other manufactured foods.....	173	166	168	169	171	172	169	169	175	171	171	173	^p 168
Processed fruits and vegetables.....	163	121	123	128	133	150	146	147	161	^r 138	^r 121	137	^p 143
Confectionery.....	127	136	149	145	143	135	128	130	121	117	134	136	.....
Other food products.....	183	183	183	184	185	184	183	181	188	189	^r 190	189	^p 181
Alcoholic Beverages.....													
Malt liquor.....	154	180	178	185	173	171	154	149	161	176	165	160	154
Whiskey.....	76	86	85	73	73	68	62	51	38	19	21	26	28
Other distilled spirits.....	265	262	253	336	327	292	298	231	185	198	234	148	182
Rectified liquors.....	358	292	225	150	193	208	205	214	207	224	175	263	325
Tobacco Products.....													
Cigars.....	127	129	87	108	105	109	110	114	116	113	111	123	134
Cigarettes.....	259	262	204	244	244	243	259	245	264	240	261	257	258
Other tobacco products.....	44	84	60	67	68	59	62	64	65	54	68	65	66
Paper and Paper Products.....													
Paper and pulp.....	191	187	182	185	189	188	181	175	176	154	180	181	192
Pulp.....	235	235	223	229	237	241	228	221	227	195	229	220	233
Groundwood pulp.....	130	112	116	111	114	117	110	108	121	124	132	^r 125	125
Soda pulp.....	97	95	94	95	99	99	95	92	89	68	82	83	89
Sulphate and sulphite pulp ¹	273	278	261	271	279	284	269	260	266	226	267	^r 256	274
Paper.....	185	180	176	178	181	180	174	168	168	148	172	175	186
Paperboard.....	213	205	191	197	209	205	202	207	201	182	222	233	246
Fine paper ².....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing paper.....	190	188	191	192	191	189	186	175	182	150	168	165	178
Tissue and absorbent paper.....	210	179	181	195	184	190	186	162	168	174	180	187	206
Wrapping paper.....	180	184	181	177	176	178	161	149	153	124	148	146	150
Newsprint.....	127	125	128	123	129	131	122	130	134	126	130	126	123
Paperboard containers (same as Paperboard).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and Publishing.....													
Newsprint consumption.....	177	175	174	175	177	177	175	170	176	157	165	165	176
Printing paper (same as shown under Paper).....	165	163	158	159	163	164	164	166	169	164	162	166	173
Petroleum and Coal Products.....													
Petroleum refining.....	269	276	281	281	281	278	261	209	251	259	^r 280	281	^p 275
Gasoline.....	212	214	215	211	212	210	205	157	216	225	231	234	^p 228
Fuel oil.....	214	226	234	238	242	227	218	167	228	231	235	232	^p 228
Lubricating oil.....	200	196	192	188	177	183	177	124	185	174	181	179	.....
Kerosene.....	214	230	224	243	208	223	211	133	199	226	230	208	.....
Other petroleum products ¹.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coke.....	185	185	185	188	188	204	166	165	72	67	169	177	180
By-product coke.....	178	177	178	179	179	197	161	161	71	67	168	174	178
Beehive coke.....	452	467	456	464	459	420	326	311	84	52	184	299	252
Chemical Products.....													
Paints.....	298	299	298	300	297	294	292	292	298	^r 299	^r 302	303	^p 303
Rayon.....	156	158	158	159	157	155	152	151	151	^r 157	155	155	^p 156
Industrial chemicals.....	346	331	317	322	299	269	267	270	307	325	354	370	^p 359
Other chemical products ²	556	563	563	562	562	563	559	558	563	^r 565	^r 565	565	^p 574
Rubber Products.....													
.....	239	245	250	248	243	242	235	242	246	^r 225	^r 242	249	^p 246
Minerals—Total.....													
.....	174	170	163	167	167	164	166	140	147	142	156	175	^p 165
Fuels.....													
Coal.....	179	178	170	175	174	170	171	140	161	155	161	180	^p 168
Bituminous coal.....	138	141	125	136	123	111	110	100	96	84	93	133	93
Anthracite.....	147	152	135	147	135	122	119	107	102	91	102	144	93
Crude petroleum.....	104	99	86	91	77	68	74	73	74	57	61	88	95
.....	199	196	193	194	199	199	201	159	193	190	194	203	^p 205
Metals.....													
.....	144	122	122	125	128	125	141	143	65	65	131	149	^p 151
Metals other than gold and silver.....	212	175	174	177	182	176	204	207	71	71	188	219	^p 222
Iron ore.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(Copper; Lead; Zinc) ².....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gold.....	47	45	44	47	47	48	47	51	52	54	50	.....	.....
Silver.....	62	65	70	72	76	78	77	75	71	63	63	.....	.....

For other footnotes see preceding page.

NOTE.—For description and back figures see BULLETIN for October 1943, pp. 940–984, September 1941, pp. 878–881 and 933–937, and August 1940, pp. 753–771 and 825–882.

INDUSTRIAL PRODUCTION, BY INDUSTRIES

(Without Seasonal Adjustment)

[Federal Reserve index numbers, 1935-39 average = 100]

Industry	1951			1952									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Industrial Production—Total	222	220	217	217	218	217	215	211	205	194	218	231	p231
Manufactures — Total	230	229	227	227	229	228	224	224	215	203	228	240	p242
Durable Manufactures	276	277	280	280	281	283	277	278	249	232	268	289	p296
<i>Iron and Steel</i> ¹	<i>261</i>	<i>261</i>	<i>263</i>	<i>261</i>	<i>261</i>	<i>263</i>	<i>245</i>	<i>246</i>	<i>140</i>	<i>139</i>	<i>242</i>	<i>267</i>	<i>p276</i>
Pig iron.....	235	232	227	229	235	239	205	208	42	38	221	242	247
Steel.....	304	307	304	304	304	309	278	278	66	83	283	319	332
Open hearth.....	217	216	219	218	221	225	196	195	39	36	202	222	233
Electric.....	921	954	911	913	892	911	855	867	256	418	860	1013	1040
<i>Machinery</i>	<i>340</i>	<i>347</i>	<i>358</i>	<i>359</i>	<i>360</i>	<i>359</i>	<i>354</i>	<i>353</i>	<i>352</i>	<i>231</i>	<i>337</i>	<i>353</i>	<i>p362</i>
<i>Transportation Equipment</i>	<i>311</i>	<i>313</i>	<i>320</i>	<i>318</i>	<i>322</i>	<i>327</i>	<i>329</i>	<i>338</i>	<i>339</i>	<i>287</i>	<i>300</i>	<i>346</i>	<i>p356</i>
Automobiles (including parts) (Aircraft; Railroad equipment; Shipbuilding—Private and Government) ²	223	216	221	218	219	222	227	231	229	162	175	239	p246
<i>Nonferrous Metals and Products</i>	<i>201</i>	<i>209</i>	<i>207</i>	<i>216</i>	<i>217</i>	<i>218</i>	<i>218</i>	<i>216</i>	<i>210</i>	<i>201</i>	<i>213</i>	<i>221</i>	<i>p228</i>
Smelting and refining.....	230	236	235	243	249	252	257	260	246	241	251	248	p250
(Copper smelting; Lead refining; Zinc smelting; Aluminum; Magnesium; Tin) ²	190	198	196	206	204	204	203	199	195	184	197	209	p219
Fabricating.....	190	198	196	206	204	204	203	199	195	184	197	209	p219
(Copper products; Lead shipments; Zinc shipments; Aluminum products; Magnesium products; Tin consumption) ²	190	198	196	206	204	204	203	199	195	184	197	209	p219
<i>Lumber and Products</i>	<i>158</i>	<i>155</i>	<i>141</i>	<i>142</i>	<i>148</i>	<i>149</i>	<i>152</i>	<i>145</i>	<i>155</i>	<i>150</i>	<i>159</i>	<i>167</i>	<i>p163</i>
Lumber.....	151	146	122	125	133	135	143	133	148	143	152	159	p151
Furniture.....	171	172	178	175	176	175	170	168	169	165	175	183	p187
<i>Stone, Clay, and Glass Products</i>	<i>230</i>	<i>217</i>	<i>212</i>	<i>205</i>	<i>208</i>	<i>212</i>	<i>216</i>	<i>224</i>	<i>225</i>	<i>216</i>	<i>231</i>	<i>232</i>	<i>p233</i>
Glass products.....	219	200	197	207	218	224	225	240	245	235	251	249	p246
Glass containers.....	228	206	201	219	232	239	242	260	266	255	272	267	262
Cement.....	252	237	220	188	196	200	226	241	237	236	261	263	267
Clay products.....	182	179	177	169	168	167	168	167	169	160	169	167	p167
Other stone and clay products ²	182	179	177	169	168	167	168	167	169	160	169	167	p167
Nondurable Manufactures	193	191	185	184	186	184	180	180	187	181	195	200	p198
<i>Textiles and Products</i>	<i>154</i>	<i>157</i>	<i>152</i>	<i>157</i>	<i>160</i>	<i>152</i>	<i>144</i>	<i>151</i>	<i>154</i>	<i>147</i>	<i>170</i>	<i>176</i>	<i>p172</i>
Textile fabrics.....	139	142	137	142	146	139	131	137	138	129	152	158	.....
Cotton consumption.....	140	144	136	144	150	141	130	135	133	111	143	145	142
Rayon deliveries.....	293	289	283	296	294	288	280	287	312	343	369	377	362
Nylon and silk consumption ²	114	120	118	116	122	112	108	117	112	103	123	136	.....
Wool textiles.....	86	94	99	120	133	123	117	113	75	71	120	148	.....
Carpet wool consumption.....	119	122	121	110	116	110	110	123	125	120	139	149	.....
Apparel wool consumption.....	114	120	115	109	117	108	103	112	113	103	120	129	.....
Woolen and worsted yarn.....	108	116	112	108	114	103	96	108	106	97	112	119	.....
Woolen yarn.....	123	126	119	109	120	114	112	116	124	112	131	143	.....
Worsted yarn.....	126	133	131	126	126	113	109	123	124	113	123	135	.....
Woolen and worsted cloth.....	126	133	131	126	126	113	109	123	124	113	123	135	.....
<i>Leather and Products</i>	<i>91</i>	<i>91</i>	<i>88</i>	<i>100</i>	<i>109</i>	<i>108</i>	<i>102</i>	<i>105</i>	<i>102</i>	<i>90</i>	<i>116</i>	<i>112</i>	.....
Leather tanning.....	80	81	79	86	96	86	84	90	90	77	95	95	.....
Cattle hide leathers.....	97	98	91	100	109	98	95	105	102	86	107	105	.....
Calf and kip leathers.....	52	52	58	62	77	67	69	64	70	60	83	88	.....
Goat and kid leathers.....	53	52	61	70	74	68	66	66	68	70	65	67	.....
Sheep and lamb leathers.....	67	73	67	66	81	70	68	77	78	62	92	86	.....
Shoes.....	98	97	94	110	118	122	114	115	111	98	129	123	.....
<i>Manufactured Food Products</i>	<i>177</i>	<i>164</i>	<i>158</i>	<i>151</i>	<i>149</i>	<i>148</i>	<i>149</i>	<i>154</i>	<i>165</i>	<i>174</i>	<i>185</i>	<i>190</i>	<i>p175</i>
Wheat flour.....	115	116	108	122	114	101	104	99	109	108	108	118	p117
Cane sugar meltings ²	115	116	108	122	114	101	104	99	109	108	108	118	p117
Manufactured dairy products.....	128	98	95	86	97	116	152	197	217	215	214	173	133
Butter.....	61	49	49	54	58	64	75	94	95	86	76	69	63
Cheese.....	146	119	116	122	134	152	188	245	256	217	199	182	158
Canned and dried milk.....	102	85	92	95	108	131	168	227	227	176	173	153	126
Ice cream.....	102	85	92	95	108	131	168	227	227	176	173	153	126

^p Preliminary.

^r Revised.

¹ Methods used in compiling the iron and steel group index have been revised beginning October 1949. A description of the new methods may be obtained from the Division of Research and Statistics.

² Series included in total and group indexes but not available for publication separately.

³ Because of a reclassification of the basic data used to measure changes in production, the sulphate pulp and sulphite pulp series are no longer available separately. Individual indexes through June 1951 are shown in preceding BULLETINS.

INDUSTRIAL PRODUCTION, BY INDUSTRIES—Continued (Without Seasonal Adjustment)

[Federal Reserve index numbers, 1935–39 average = 100]

Industry	1951			1952									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Manufactured Food Products—Continued													
Meat packing.....	156	188	195	193	175	165	152	147	147	137	138	154	169
Pork and lard.....	186	240	264	253	223	214	188	167	170	144	139	158	183
Beef.....	135	148	141	148	140	128	127	140	134	146	150	163	167
Veal.....	124	114	79	81	74	76	78	88	99	109	118	138	149
Lamb and mutton.....	77	75	68	85	86	83	77	78	73	65	75	93	100
Other manufactured foods.....	192	174	166	157	155	153	151	154	166	179	194	204	p187
Processed fruits and vegetables.....	210	111	96	83	84	82	89	96	124	*179	*230	268	p184
Confectionery.....	167	161	150	149	144	125	107	100	89	96	144	175	.....
Other food products.....	192	192	187	177	176	176	175	178	189	193	*194	193	p190
Alcoholic Beverages.....													
Malt liquor.....	143	139	142	151	155	159	162	170	203	220	188	161	143
Whiskey.....	76	86	85	73	73	68	62	51	38	19	21	26	28
Other distilled spirits.....	686	549	278	219	196	190	179	139	115	115	126	202	472
Rectified liquors.....	358	292	225	150	193	208	205	214	207	224	175	263	325
Tobacco Products.....													
Cigars.....	127	129	87	108	105	109	110	114	116	113	111	123	134
Cigarettes.....	269	267	188	244	229	226	241	245	278	252	274	275	268
Other tobacco products.....	47	86	53	66	66	59	62	64	66	54	66	69	71
Paper and Paper Products.....													
Paper and pulp.....	191	187	181	185	190	188	181	175	177	153	180	181	192
Pulp.....	233	236	223	230	238	242	230	222	227	193	227	*217	232
Groundwood pulp.....	121	119	117	116	119	125	121	117	122	110	116	112	116
Soda pulp.....	97	95	94	95	99	99	95	92	89	68	82	83	89
Sulphate and sulphite pulp ¹	273	278	261	271	279	284	269	260	266	226	267	*256	274
Paper.....	185	180	175	178	182	180	174	168	169	147	172	175	186
Paperboard.....	213	205	191	197	209	205	202	207	201	182	222	233	246
Fine paper ²	190	188	191	192	191	189	186	175	182	150	168	165	178
Printing paper.....	212	179	175	193	191	190	188	162	171	167	180	187	208
Tissue and absorbent paper.....	180	184	181	177	176	178	161	149	153	124	148	146	150
Wrapping paper.....	127	126	125	123	129	131	124	131	135	124	129	126	123
Newsprint.....	127	126	125	123	129	131	124	131	135	124	129	126	123
Paperboard containers (same as Paperboard).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and Publishing.....													
Newsprint consumption.....	173	178	166	148	159	171	174	173	168	141	146	168	182
Printing paper (same as shown under Paper).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petroleum and Coal Products.....													
Petroleum refining ²	212	214	215	211	212	210	205	157	216	225	231	234	p228
Gasoline.....	214	226	234	238	242	227	218	167	228	231	235	232	p228
Fuel oil.....	200	196	190	183	175	181	184	129	185	172	179	179	.....
Kerosene.....	214	237	231	248	218	227	215	134	187	210	221	206	.....
Other petroleum products ².....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coke.....	185	185	185	188	188	204	166	165	72	67	169	177	180
By-product coke.....	178	177	178	179	179	197	161	161	71	67	168	174	178
Beehive coke.....	452	467	456	464	459	420	326	311	84	52	184	299	252
Chemical Products.....													
Paints.....	156	157	158	156	155	155	153	155	156	*155	153	153	p156
Rayon.....	346	331	317	322	299	269	267	270	307	325	354	370	p359
Industrial chemicals.....	556	563	563	562	562	563	559	558	563	*565	*565	565	p574
Other chemical products ².....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rubber Products.....													
Rubber.....	239	245	250	248	243	242	235	242	246	*225	*242	249	p246
Minerals—Total.....													
Minerals.....	176	169	159	162	162	158	165	143	149	144	161	180	p168
Fuels.....													
Fuels.....	179	178	170	175	174	170	171	140	161	155	161	180	p168
Coal.....	138	141	125	136	123	111	110	100	96	84	93	133	93
Bituminous coal.....	147	152	135	147	135	122	119	107	102	91	102	144	93
Anthracite.....	104	99	86	91	77	68	74	73	74	57	61	88	95
Crude petroleum.....	199	196	193	194	199	199	201	159	193	190	194	203	p205
Metals.....													
Metals.....	163	115	89	88	91	90	130	159	*75	81	164	178	p170
Metals other than gold and silver.....	240	160	117	116	121	118	189	239	*91	*101	*244	265	p250
Iron ore.....	354	185	94	94	98	94	238	348	41	*71	381	*418	.....
(Copper: Lead; Zinc) ².....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gold.....	55	50	46	45	43	43	42	44	48	52	54	.....	.....
Silver.....	62	65	70	73	77	80	77	74	68	61	61	.....	.....

For other footnotes see preceding page.

NOTE.—For description and back figures see BULLETIN for October 1943, pp. 940–984, September 1941, pp. 878–881 and 933–937, and August 1940, pp. 753–771 and 825–882.

PRODUCTION WORKER EMPLOYMENT IN MANUFACTURING INDUSTRIES—Continued
 [Unadjusted, estimates of Bureau of Labor Statistics; adjusted, Federal Reserve. In thousands of persons]

Industry group or industry	1951			1952									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Nondurable goods.....	5,701	5,590	5,589	5,502	5,514	5,499	5,404	5,326	5,441	*5,502	*5,740	5,829	5,767
Textile-mill Products.....	1,133	1,132	1,141	1,131	1,123	1,113	1,093	1,083	1,082	1,081	1,123	1,142	1,154
Broad-woven fabric mills...	546	544	548	540	527	518	507	503	506	509	520	523	.....
Knitting mills.....	209	209	211	209	210	210	210	209	212	209	221	225	.....
Apparel and Other Finished Textiles.....	1,019	1,008	1,035	1,029	1,052	1,051	996	959	972	*982	*1,049	1,063	1,060
Men's and boys' furnishings.	238	233	235	228	233	238	239	238	240	239	247	251	.....
Women's and misses' outerwear.....	270	279	296	300	309	306	275	252	252	*269	*294	292	.....
Leather and Leather Products....	320	317	323	330	342	344	336	330	340	*340	*358	355	352
Footwear (except rubber)...	201	198	205	213	221	222	217	213	221	219	*233	229	.....
Food and Kindred Products.....	1,254	1,160	1,122	1,068	1,060	1,057	1,057	1,074	1,138	*1,215	*1,279	1,311	1,216
Meat products.....	236	246	252	246	244	239	233	230	232	234	232	237	.....
Canning and preserving.....	238	145	120	106	105	104	114	122	155	*211	*280	310	.....
Bakery products.....	195	192	190	187	187	189	186	183	190	195	*194	194	.....
Tobacco Manufactures.....	89	85	85	82	80	78	77	77	78	78	*87	90	91
Paper and Allied Products.....	413	411	410	405	404	401	398	398	403	395	*409	410	417
Pulp, paper and paperboard mills.....	212	212	212	211	210	208	206	206	209	*203	*210	207	...
Printing, Publishing and Allied Industries.....	517	519	520	519	507	508	507	507	511	507	508	514	522
Newspapers.....	153	154	155	151	152	152	152	154	154	*154	154	155	.....
Commercial printing.....	169	170	171	170	166	167	166	167	167	*165	165	166	.....
Chemicals and Allied Products...	544	542	538	536	538	538	530	517	512	*511	*513	526	534
Industrial organic chemicals.	172	173	171	170	168	168	163	161	163	*166	*168	168	.....
Products of Petroleum and Coal..	197	197	196	193	193	194	197	168	190	*191	*202	201	200
Petroleum refining.....	154	154	155	153	153	152	155	126	155	*158	*161	160	.....
Rubber Products.....	215	219	219	218	215	215	213	213	215	*202	*212	217	221

* Revised.

NOTE.—Covers production and related workers only; data shown include all full- and part-time production and related workers who worked during, or received pay for, the pay period ending nearest the 15th of the month. Figures for October 1952 are preliminary. Back data and data for industries not shown, without seasonal adjustment, may be obtained from the Bureau of Labor Statistics. Seasonally adjusted data beginning January 1939, for groups and the total, may be obtained from the Division of Research and Statistics.

HOURS AND EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
 [Compiled by Bureau of Labor Statistics]

Industry group	Average weekly earnings (dollars per week)				Average hours worked (per week)				Average hourly earnings (dollars per hour)			
	1951		1952		1951		1952		1951		1952	
	Oct.	Aug.	Sept.	Oct.	Oct.	Aug.	Sept.	Oct.	Oct.	Aug.	Sept.	Oct.
Total.....	65.41	67.80	70.09	70.80	40.5	40.6	41.3	41.5	1.615	1.670	1.697	1.706
Durable goods.....	71.10	*72.71	76.06	77.30	41.7	*41.1	42.0	42.4	1.705	*1.769	1.811	1.823
Primary metal industries.....	74.82	*79.21	83.73	86.60	41.2	*41.0	41.8	43.0	1.816	*1.932	2.003	2.014
Fabricated metal products.....	70.39	*69.99	73.74	74.68	41.7	*40.6	41.8	42.0	1.688	1.724	1.764	1.778
Machinery except electrical.....	77.86	*77.31	79.49	80.15	43.4	*41.9	42.6	42.7	1.794	1.845	1.866	1.877
Electrical machinery.....	68.27	*69.94	72.24	72.57	41.5	40.9	41.9	41.9	1.645	*1.710	1.724	1.732
Transportation equipment.....	77.14	*78.15	85.52	86.28	40.9	*40.1	42.4	42.5	1.686	*1.949	2.017	2.030
Lumber and wood products.....	62.32	*66.57	66.91	67.48	41.3	*42.0	41.9	42.2	1.509	*1.585	1.597	1.599
Furniture and fixtures.....	58.79	*60.44	62.43	62.94	41.4	41.4	42.1	42.5	1.420	*1.460	1.483	1.481
Stone, clay, and glass products.....	65.93	*67.16	68.14	70.31	41.7	*41.2	41.2	41.8	1.581	*1.630	1.654	1.682
Instruments and related products.....	70.26	*71.61	74.23	76.48	42.3	*41.3	42.2	42.8	1.661	*1.734	1.759	1.787
Miscellaneous manufacturing industries..	58.18	*60.66	63.05	63.70	40.6	*40.6	41.7	42.1	1.433	*1.494	1.512	1.513
Ordnance and accessories.....	75.50	*73.49	79.37	78.43	44.0	*41.1	42.9	42.6	1.716	*1.788	1.850	1.841
Nondurable goods.....	58.00	61.57	62.30	62.30	38.9	39.9	40.3	40.3	1.491	1.543	1.546	1.546
Textile-mill products.....	49.29	*53.25	54.46	55.28	37.2	*39.5	40.1	40.5	1.325	*1.348	1.358	1.365
Apparel and other finished products.....	43.70	*48.19	48.71	47.70	34.6	37.3	37.5	37.5	1.263	*1.292	1.299	1.272
Leather and leather products.....	45.31	*52.19	51.30	51.85	35.4	39.6	38.6	38.9	1.280	*1.318	1.329	1.333
Food and kindred products.....	61.91	*63.60	63.92	64.43	42.0	*41.3	42.0	41.7	1.474	*1.540	1.522	1.545
Tobacco manufactures.....	45.30	*47.71	47.80	48.00	39.7	39.4	39.9	40.2	1.141	*1.211	1.198	1.194
Paper and allied products.....	65.32	*69.30	70.77	72.28	42.5	*43.1	43.5	44.1	1.537	*1.608	1.627	1.639
Printing, publishing and allied products..	76.27	*80.55	82.08	81.21	38.6	*38.8	39.2	38.8	1.976	*2.076	2.094	2.093
Chemicals and allied products.....	68.18	70.72	71.38	71.30	41.8	40.9	41.5	41.5	1.631	1.729	1.720	1.718
Products of petroleum and coal.....	81.72	*87.21	89.40	88.01	40.9	*40.6	41.2	40.8	1.998	*2.148	2.170	2.157
Rubber products.....	68.67	*73.51	74.36	70.17	40.3	*40.5	40.7	39.4	1.704	*1.815	1.827	1.781

* Revised.

NOTE.—Data are for production and related workers. Figures for October 1952 are preliminary. Back data are available from the Bureau of Labor Statistics.

EMPLOYMENT IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION

[Unadjusted, estimates of Bureau of Labor Statistics; adjusted, Federal Reserve. In thousands of persons]

Year or month	Total	Manufacturing	Mining	Contract construction	Transportation and public utilities	Trade	Finance	Service	Federal, State, and local government
1944.....	41,480	17,111	883	1,094	3,798	7,260	1,374	3,934	6,026
1945.....	40,069	15,302	826	1,132	3,872	7,522	1,394	4,055	5,967
1946.....	41,412	14,461	852	1,661	4,023	8,602	1,586	4,621	5,607
1947.....	43,371	15,247	943	1,982	4,122	9,196	1,641	4,786	5,454
1948.....	44,201	15,286	981	2,165	4,151	9,491	1,716	4,799	5,613
1949.....	43,006	14,146	932	2,156	3,977	9,438	1,763	4,782	5,811
1950.....	44,124	14,884	904	2,318	4,010	9,524	1,812	4,761	5,910
1951.....	46,401	15,931	920	2,569	4,144	9,804	1,883	4,759	6,390
SEASONALLY ADJUSTED									
1951—October.....	46,415	15,748	914	2,630	4,173	9,770	1,917	4,746	6,517
November.....	46,482	15,761	916	2,581	4,169	9,827	1,926	4,758	6,544
December.....	46,608	15,811	916	2,569	4,161	9,893	1,931	4,749	6,578
1952—January.....	46,471	15,830	916	2,545	4,139	9,852	1,919	4,742	6,528
February.....	46,594	15,877	912	2,593	4,147	9,860	1,929	4,738	6,538
March.....	46,552	15,894	911	2,523	4,154	9,862	1,937	4,728	6,543
April.....	46,556	15,931	899	2,517	4,116	9,849	1,942	4,748	6,554
May.....	46,599	15,870	894	2,497	4,134	9,912	1,948	4,772	6,572
June.....	46,348	15,547	810	2,536	4,139	9,964	1,957	4,789	6,606
July.....	46,170	15,362	777	2,544	4,099	9,965	1,964	4,783	6,676
August.....	46,951	15,911	878	2,577	4,153	9,973	1,973	4,795	6,686
September.....	47,206	16,128	869	2,582	4,195	9,981	1,982	4,776	6,693
October.....	47,220	16,190	855	2,558	4,227	9,958	1,991	4,742	6,699
UNADJUSTED									
1951—October.....	46,902	15,965	917	2,761	4,166	9,893	1,898	4,770	6,532
November.....	46,852	15,890	917	2,633	4,165	10,109	1,907	4,734	6,497
December.....	47,663	15,913	916	2,518	4,161	10,660	1,912	4,702	6,881
1952—January.....	45,913	15,776	909	2,316	4,103	9,720	1,909	4,671	6,509
February.....	45,899	15,859	902	2,308	4,111	9,643	1,919	4,667	6,490
March.....	46,001	15,869	904	2,296	4,118	9,668	1,937	4,681	6,528
April.....	46,299	15,795	896	2,416	4,096	9,845	1,952	4,748	6,551
May.....	46,329	15,654	893	2,522	4,131	9,773	1,958	4,796	6,602
June.....	46,292	15,410	814	2,663	4,168	9,838	1,977	4,837	6,585
July.....	46,006	15,162	784	2,722	4,140	9,792	1,993	4,855	6,558
August.....	47,106	16,015	887	2,783	4,201	9,795	1,993	4,843	6,589
September.....	47,693	16,361	874	2,763	4,217	9,970	1,972	4,824	6,712
October.....	47,705	16,406	858	2,686	4,220	10,084	1,971	4,766	6,714

* Revised.

NOTE.—Data include all full- and part-time employees who worked during, or received pay for, the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, unpaid family workers, and members of the armed forces are excluded. October 1952 figures are preliminary. Back unadjusted data are available from the Bureau of Labor Statistics; seasonally adjusted figures beginning January 1939 may be obtained from the Division of Research and Statistics.

LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT

[Bureau of the Census estimates without seasonal adjustment. Thousands of persons 14 years of age and over]

Year or month	Total civilian non- institutional population ¹	Civilian labor force					Not in the labor force
		Total	Employed ²			Unem- ployed	
			Total	In nonagricul- tural industries	In agriculture		
1944	93,220	54,630	53,960	45 010	8 950	670	38,590
1945	94,090	53,860	52,820	44,240	8 580	1,040	40,230
1946	103,070	57,520	55,250	46,930	8 320	2,270	45,550
1947	106,018	60,168	58,027	49,761	8 266	2,142	45,850
1948	107,175	61,442	59,378	51,405	7 973	2,064	45,733
1949	108,156	62,105	58,710	50,684	8 026	3,395	46,051
1950	109,284	63 099	59,957	52,450	7 507	3,142	46,181
1951	108,976	62,884	61,005	53,951	7 054	1,879	46,092
1951—October	109,064	63 452	61,836	54,168	7 668	1,616	45,612
November	109,122	63,164	61,336	54,314	7,022	1,828	45,958
December	109,200	62,688	61,014	54,636	6,378	1,674	46,512
1952—January	109,260	61,780	59,726	53,540	6,186	2,054	47,480
February	109,274	61,838	59,752	53,688	6,064	2,086	47,436
March	109,274	61,518	59,714	53,702	6,012	1,804	47,756
April	109,328	61,744	60,132	53,720	6,412	1,612	47,584
May	109,426	62,778	61,176	54,216	6,960	1,602	46,648
June	109,556	64,390	62,572	54,402	8,170	1,818	45,166
July	109,692	64,176	62,234	54,636	7,598	1,942	45,516
August	109,804	63,958	62,354	55,390	6,964	1,604	45,846
September	109,906	63,698	62,260	54,712	7,548	1,438	46,208
October	110,074	63,146	61,862	54,588	7,274	1,284	46,928

¹ The number of persons in the armed forces, previously included in the total noninstitutional population and total labor force items, is no longer available for reasons of security.

² Includes self-employed, unpaid family, and domestic service workers.

NOTE.—Details do not necessarily add to group totals. Information on the labor force status of the population is obtained through interviews of households on a sample basis. Data relate to the calendar week that contains the eighth day of the month. Back data are available from the Bureau of the Census.

PERMANENT NONFARM DWELLING UNITS STARTED
[In thousands of units]

Year or month	Total	Urban	Rural non-farm	Private				Public	Government-underwritten		
				Total	1-family	2-family	Multi-family		Total	FHA	VA
1939.....	515	359	156	458	373	20	66	57	158	158	.....
1941.....	706	434	272	620	533	28	58	87	220	220	.....
1945.....	209	134	75	208	185	9	15	1	47	41	6
1946.....	671	404	267	663	590	24	48	8	152	69	83
1947.....	849	480	369	846	740	34	72	3	440	229	211
1948.....	932	525	407	914	763	46	104	18	393	291	102
1949.....	1,025	589	436	989	792	35	162	36	466	361	105
1950.....	1,396	828	568	1,352	1,151	42	159	44	686	486	200
1951.....	1,091	595	496	1,020	892	40	88	71	413	264	149
1951—November.....	75	39	36	72	64	3	6	2	27	18	9
December.....	61	31	29	60	51	2	6	1	23	14	9
1952—January.....	65	36	29	62	54	3	5	3	23	16	7
February.....	78	43	35	74	65	3	6	3	26	17	9
March.....	104	59	45	91	79	4	8	13	28	19	9
April.....	106	59	47	96	85	4	7	9	38	26	12
May.....	110	61	49	101	90	4	7	9	38	26	12
June.....	104	56	47	97	87	4	7	7	39	26	13
July.....	103	52	50	101	90	4	7	2	42	29	13
August.....	99	51	48	97	85	4	8	2	38	25	13
September.....	98	n.a.	n.a.	97	n.a.	n.a.	n.a.	1	42	28	14
October.....	101	n.a.	n.a.	100	n.a.	n.a.	n.a.	1	43	27	16
November.....	86	n.a.	n.a.	83	n.a.	n.a.	n.a.	3	34	21	13

¶ Preliminary. n.a. Not available.

NOTE.—Government underwritten units are those started under commitments of FHA or VA to insure or guarantee the mortgage. VA figures after June 1950 and all FHA figures are based on field office reports of first compliance inspections; VA figures prior to June 1950, estimates based on loans closed information. Other figures are estimated by Bureau of Labor Statistics on the basis of reports of building permits issued, reported starts of public units, and a sample of places not issuing permits.

FREIGHT CARLOADINGS, BY CLASSES
[Index numbers, 1935-39 average = 100]

Class	Annual		Monthly—seasonally adjusted							Monthly—unadjusted						
			1951	1952						1951	1952					
	1950	1951	Oct.	May	June	July	Aug.	Sept.	Oct.	Oct.	May	June	July	Aug.	Sept.	Oct.
Total.....	128	134	135	122	108	102	125	134	127	146	124	111	104	129	145	138
Coal.....	117	121	134	101	96	75	101	135	93	134	101	96	75	101	135	93
Coke.....	180	208	206	179	69	57	160	189	188	202	178	68	56	154	187	185
Grain.....	135	143	154	132	161	153	134	123	157	154	116	165	183	145	138	157
Livestock.....	68	69	83	66	56	56	65	70	76	128	59	45	45	61	93	117
Forest products.....	141	150	144	126	139	146	149	140	139	152	131	144	147	157	151	146
Ore.....	172	205	180	212	53	46	216	235	233	267	292	82	73	323	352	314
Miscellaneous.....	140	147	144	137	119	115	140	144	145	157	138	122	116	141	155	158
Merchandise, l. c. l.....	53	48	46	45	44	43	46	45	46	48	45	44	43	46	48	48

NOTE.—For description and back data, see BULLETIN for June 1941, pp. 529-533. Based on daily average loadings. Basic data compiled by Association of American Railroads. Total index compiled by combining indexes for classes with weights derived from revenue data of the Interstate Commerce Commission.

MERCHANDISE EXPORTS AND IMPORTS
[In millions of dollars]

Month	Merchandise exports ¹			Merchandise imports ²			Excess of exports		
	1950	1951	1952	1950	1951	1952	1950	1951	1952
January.....	741	974	1,253	623	1,025	922	118	-51	331
February.....	764	1,076	1,339	600	910	893	164	166	446
March.....	860	1,295	1,424	665	1,102	964	195	193	460
April.....	804	1,370	1,338	585	1,033	932	219	336	406
May.....	830	1,354	1,463	659	1,018	835	170	336	628
June.....	877	1,297	1,164	687	930	861	190	366	304
July.....	779	1,186	1,016	709	895	838	70	292	178
August.....	762	1,270	1,074	820	881	817	-59	390	257
September.....	911	1,232	1,217	859	721	877	52	510	340
October.....	906	1,152	.....	923	834	.....	-16	319	.....
November.....	977	1,388	.....	855	819	.....	122	569	.....
December.....	1,065	1,438	.....	867	800	.....	198	638	.....
January-September.....	7,327	11,054	11,289	6,208	8,515	7,939	1,119	2,539	3,350

¶ Preliminary. * Revised.

¹ Exports of domestic and foreign merchandise. Includes exports under foreign aid programs, including Department of Defense shipments under the Mutual Security Program as follows (in millions of dollars): 1950, 282; 1951, 1,065; January-September 1952, 1,269.

² General imports including imports for immediate consumption plus entries into bonded warehouses.

Source.—Department of Commerce.

DEPARTMENT STORE STATISTICS

[Based on retail value figures]
SALES AND STOCKS, BY FEDERAL RESERVE DISTRICTS
[Index numbers, 1947-49 average = 100]

Year or month	United States	Federal Reserve district											
		Boston	New York	Philadel- phia	Cleveland	Rich- mond	At- lanta	Chi- cago	St. Louis	Minne- apolis	Kansas City	Dallas	San Fran- cisco
SALES ¹													
1946.....	90	92	91	87	88	92	90	89	90	88	90	85	91
1947.....	98	99	99	96	97	97	96	98	97	98	98	94	99
1948.....	104	102	103	104	105	103	103	104	104	104	103	105	104
1949.....	98	99	98	100	98	100	101	97	98	99	99	102	98
1950.....	105	103	101	106	105	105	109	104	104	105	108	113	105
1951.....	109	105	105	109	111	112	115	108	105	104	111	117	108
SEASONALLY ADJUSTED													
1951—October.....	109	103	103	*109	112	*113	112	*110	105	104	110	114	109
November.....	113	106	104	109	114	118	122	110	109	107	116	129	118
December.....	109	106	103	105	109	109	120	109	107	104	113	122	108
1952—January.....	108	102	100	110	115	114	119	106	111	97	115	122	106
February.....	106	100	100	110	108	109	112	105	100	113	106	115	108
March.....	105	104	98	109	106	114	114	103	99	94	105	115	102
April.....	103	99	96	102	104	108	116	100	98	98	104	114	105
May.....	108	101	96	107	103	116	127	104	102	104	112	128	118
June.....	111	103	98	107	112	122	138	105	111	100	114	132	114
July.....	105	106	95	106	105	106	120	97	99	104	114	123	110
August.....	114	109	102	115	113	127	131	111	110	115	119	127	116
September.....	106	101	95	105	105	*112	121	103	104	98	108	119	*114
October.....	*115	*109	105	114	116	121	*126	113	114	110	*113	128	118
UNADJUSTED													
1951—October.....	*113	105	108	114	115	*120	117	*112	111	118	117	119	*108
November.....	134	129	131	144	140	145	140	132	130	120	131	144	125
December.....	184	188	179	185	181	192	204	175	168	166	185	203	189
1952—January.....	83	81	80	81	87	80	90	81	81	72	86	95	83
February.....	83	75	82	82	83	83	94	81	80	83	85	93	86
March.....	92	87	86	97	95	96	110	89	89	80	93	105	90
April.....	103	103	94	103	104	110	118	99	101	100	104	114	103
May.....	108	102	95	108	105	115	122	104	106	105	112	125	113
June.....	105	103	95	102	105	114	117	103	103	96	106	116	108
July.....	84	73	69	76	82	87	96	82	81	84	93	104	96
August.....	98	83	76	86	99	100	115	97	98	103	110	114	112
September.....	112	111	100	110	110	121	126	110	110	*108	115	128	*115
October.....	*119	*111	110	120	119	128	*132	116	120	124	*120	134	117
STOCKS ¹													
1946.....	77	85	85	81	78	80	75	73	77	74	74	69	73
1947.....	93	95	98	93	93	94	90	89	93	91	93	89	93
1948.....	107	105	105	107	107	105	108	111	106	110	108	110	107
1949.....	100	100	97	99	100	101	102	100	100	100	100	101	100
1950.....	109	110	104	108	106	114	120	110	112	104	113	112	110
1951.....	129	124	124	127	128	134	140	128	131	117	132	132	131
SEASONALLY ADJUSTED													
1951—October.....	121	115	115	117	117	127	130	121	119	113	123	125	124
November.....	117	112	115	115	114	125	130	115	114	107	117	120	119
December.....	119	115	115	120	118	130	133	117	119	106	121	125	119
1952—January.....	118	115	114	115	114	133	133	114	106	106	122	124	121
February.....	116	112	107	113	110	127	129	113	112	102	122	122	123
March.....	115	109	108	113	110	127	126	113	111	103	120	124	119
April.....	116	111	111	112	111	126	125	114	114	104	121	122	123
May.....	118	109	112	114	109	131	126	114	124	106	124	124	128
June.....	118	110	113	113	107	139	125	113	125	105	122	123	128
July.....	120	110	116	114	113	140	129	118	120	108	128	130	125
August.....	118	109	111	112	109	136	129	115	129	109	127	127	123
September.....	120	109	110	113	112	132	130	118	132	113	129	131	126
October.....	*120	*109	110	113	111	*130	133	118	130	113	*124	*129	134
UNADJUSTED													
1951—October.....	134	130	130	135	131	143	142	134	134	120	134	136	136
November.....	133	132	132	133	128	139	145	133	125	119	133	135	132
December.....	108	108	106	105	104	114	116	109	105	97	108	115	106
1952—January.....	106	105	101	100	104	117	119	106	92	100	114	112	109
February.....	113	107	104	111	109	123	128	111	109	99	121	120	117
March.....	120	112	113	119	116	136	132	118	118	107	126	131	122
April.....	122	114	116	121	117	136	132	118	122	109	127	129	129
May.....	120	112	115	116	111	135	127	116	124	108	126	125	132
June.....	112	102	105	105	100	127	120	107	118	100	119	114	126
July.....	110	99	102	100	102	128	121	107	112	105	120	120	120
August.....	114	103	107	107	104	134	127	110	125	104	120	125	118
September.....	124	112	116	117	116	137	135	119	140	113	129	134	129
October.....	*134	*123	124	130	124	*146	145	131	147	120	*135	*140	147

* Preliminary.

* Revised.

¹ Figures for sales are the average per trading day, while those for stocks are as of the end of the month or the annual average.

NOTE.—For description and monthly indexes for back years, see BULLETIN for December 1951, pp. 1463-1515.

DEPARTMENT STORE STATISTICS—Continued
SALES AND STOCKS BY MAJOR DEPARTMENTS—Continued

Department	Number of stores reporting	Percentage change from a year ago (retail value)			Ratio of stocks to sales ¹		Index numbers without seasonal adjustment, 1941 average monthly sales = 100 ²					
		Sales during period		Stocks (end of month)	September		Sales during period			Stocks at end of month		
		Sept. 1952	Nine months 1952	Sept. 1952	1952	1951	1952		1951	1952		1951
							Sept.	Aug.	Sept.	Sept.	Aug.	Sept.
BASEMENT STORE—total	194	0	-1	-3	2.3	2.4	211	181	210	496	435	511
Domestics and blankets ⁴	132	-1	-6	-9	2.5	2.7						
Women's and misses' ready-to-wear	185	+1	+1	+2	1.9	1.8	214	180	213	399	343	394
Intimate apparel ⁴	164	0	-3	-2	2.4	2.5						
Coats and suits ⁴	171	-6	-1	+6	2.0	1.8						
Dresses ⁴	169	+6	+2	+4	1.3	1.3						
Blouses, skirts, and sportswear ⁴	153	+6	+6	-1	1.4	1.6						
Girls' wear ⁴	120	0	+4	+3	1.8	1.8						
Infants' wear ⁴	122	0	+5	+5	2.0	1.9						
Men's and boys' wear	158	+1	-1	-5	2.9	3.1	225	193	223	656	559	696
Men's wear ⁴	144	+2	-2	-6	3.1	3.4						
Men's clothing ⁴	100	+5	-1	-4	3.3	3.6						
Men's furnishings ⁴	119	0	-4	-7	3.0	3.2						
Boys' wear ⁴	120	-3	+3	-2	2.3	2.3						
Homefurnishings	105	-3	-8	-9	2.9	3.1	188	149	193	549	507	604
Shoes	113	-2	-3	-4	3.5	3.6	176	149	180	622	581	643
NONMERCHANDISE—total ⁴	172	+3	0	(⁵)	(⁵)	(⁵)						
Barber and beauty shop ⁴	77	0	+3	(⁵)	(⁵)	(⁵)						

¹ The ratio of stocks to sales is obtained by dividing stocks at the end of the month by sales during the month and hence indicates the number of months' supply on hand at the end of the month in terms of sales for that month.

² The 1941 average of monthly sales for each department is used as a base in computing the sales index for that department. The stocks index is derived by applying to the sales index for each month the corresponding stocks-sales ratio. For description and monthly indexes of sales and stocks by department groups for back years, see BULLETIN for August 1946, pp. 856-858. The titles of the tables on pp. 857 and 858 were reversed.

³ For movements of total department store sales and stocks see the indexes for the United States on p. 1329.

⁴ Index numbers of sales and stocks for this department are not available for publication separately; the department, however, is included in group and total indexes. ⁵ Data not available.

NOTE.—Based on reports from a group of large department stores located in various cities throughout the country. In 1951, sales and stocks at these stores accounted for almost 50 per cent of estimated total department store sales and stocks. Not all stores report data for all of the departments shown; consequently, the sample for the individual departments is not so comprehensive as that for the total.

DEPARTMENT STORE MERCHANDISING DATA
Selected Series, Based on Retail Value Figures

	Amounts (In millions of dollars)					Ratios to sales ¹			
	Sales ² (total for month)	Stocks ² (end of month)	Out-standing orders ² (end of month)	Re-ceipts ² (total for month)	New orders ² (total for month)	Stocks	Out-standing orders	Stocks plus out-standing orders	Re-ceipts
1943 average.....	221	546	563	220	242	2.6	2.7	5.2	1.0
1944 average.....	246	574	596	244	256	2.4	2.5	5.0	1.0
1945 average.....	276	604	775	277	291	2.3	3.0	5.3	1.0
1946 average.....	345	767	964	373	354	2.3	3.0	5.3	1.1
1947 average.....	365	887	588	366	364	2.5	1.7	4.3	1.0
1948 average.....	381	979	494	386	363	2.7	1.4	4.1	1.0
1949 average.....	361	925	373	358	358	2.7	1.1	3.8	1.0
1950 average.....	376	1,011	496	391	401	2.8	1.4	4.2	1.1
1951 average.....	390	1,201	460	388	376	3.2	1.3	4.4	1.0
1951—Oct.....	426	*1,246	*448	*466	*467	2.9	*1.1	4.0	1.1
Nov.....	483	1,249	405	*486	*443	2.6	0.8	3.4	1.0
Dec.....	664	1,006	319	421	335	1.5	0.4	2.0	0.6
1952—Jan.....	319	1,012	403	325	409	3.2	1.3	4.4	1.0
Feb.....	298	1,062	417	348	362	3.6	1.4	5.0	1.2
Mar.....	347	1,129	366	414	363	3.3	1.1	4.3	1.2
Apr.....	372	1,148	293	391	318	3.1	0.8	3.9	1.1
May.....	381	1,112	274	345	326	2.9	0.7	3.6	0.9
June.....	352	1,026	411	266	403	2.9	1.2	4.1	0.8
July.....	288	995	521	257	367	3.4	1.8	5.3	0.9
Aug.....	342	1,039	540	386	405	3.0	1.6	4.6	1.1
Sept.....	386	1,129	593	476	529	2.9	1.5	4.4	1.2
Oct.....	*448	*1,226	*573	*545	*525	*2.7	*1.3	*4.0	*1.2

² Preliminary. ^{*} Revised.

¹ The first three ratios are of stocks and/or orders at the end of the month to sales during the month. The final ratio is based on totals of sales and receipts for the month.

² These figures are *not* estimates for all department stores in the United States. They are the actual dollar amounts reported by a group of department stores located in various cities throughout the country. In 1951, sales by these stores accounted for about 50 per cent of estimated total department store sales.

³ Receipts of goods are derived from the reported figures on sales and stocks. New orders are derived from receipts and reported figures on outstanding orders.

NOTE.—For description and monthly figures for back years, see BULLETIN for October 1952, pp. 1098-1102.

WEEKLY INDEX OF SALES

[Weeks ending on dates shown, 1947-49 = 100]

Without seasonal adjustment					
1951			1952		
June 2.....	95	9.....	May 31.....	97	9.....
16.....	108	June 7.....	111	14.....	116
23.....	106	14.....	116	21.....	98
30.....	92	28.....	91	28.....	91
July 7.....	75	July 5.....	79	12.....	83
14.....	83	12.....	83	19.....	82
21.....	81	26.....	79	26.....	79
28.....	80	Aug. 2.....	87	9.....	90
Aug. 4.....	88	16.....	95	23.....	100
11.....	87	30.....	110	6.....	100
18.....	93	27.....	112	13.....	114
25.....	97	20.....	113	27.....	112
Sept. 1.....	105	Oct. 4.....	116	11.....	126
8.....	100	18.....	124	25.....	122
15.....	114	Nov. 1.....	115	8.....	118
22.....	111	15.....	130	22.....	134
29.....	114	29.....	138	6.....	194
Oct. 6.....	110	Dec. 1.....	161	13.....	130
13.....	117	8.....	191	20.....	130
20.....	116	15.....	213	27.....	130
27.....	113	22.....	228	27.....	130
Nov. 3.....	121	29.....	92		
10.....	127				
17.....	130				
24.....	123				
Dec. 1.....	161				
8.....	191				
15.....	213				
22.....	228				
29.....	92				

NOTE.—For description and weekly indexes for back years, see BULLETIN for April 1952, pp. 359-362.

CONSUMER CREDIT STATISTICS—Continued

FURNITURE STORE STATISTICS

Item	Percentage change from preceding month			Percentage change from corresponding month of preceding year		
	Oct. 1952 ^p	Sept. 1952	Aug. 1952	Oct. 1952 ^p	Sept. 1952	Aug. 1952
Net sales:						
Total.....	+13	0	+8	+6	+8	+3
Cash sales.....	+12	-2	+8	-5	0	-7
Credit sales:						
Instalment.....	+16	+3	+9	+12	+15	+8
Charge account.....	+5	-4	+12	-6	-1	-9
Accounts receivable, end of month:						
Total.....	+4	+2	+3	+19	+16	+15
Instalment.....	+3	+1	+1	+17	+15	+15
Collections during month:						
Total.....	+4	+2	0	0	+1	-5
Instalment.....	+3	+2	+2	+1	+2	-2
Inventories, end of month, at retail value.	+5	+3	-1	-3	-7	-9

^p Preliminary.

RATIO OF COLLECTIONS TO ACCOUNTS RECEIVABLE¹

Year or month	Instalment accounts			Charge accounts
	Department stores	Furniture stores	Household appliance stores	Department stores
1951				
September.....	19	11	12	47
October.....	21	12	12	50
November.....	21	11	12	50
December.....	19	11	12	45
1952				
January.....	19	10	13	47
February.....	18	10	13	45
March.....	20	11	13	48
April.....	18	10	13	46
May.....	19	11	13	48
June.....	18	10	12	46
July.....	17	10	12	46
August.....	17	11	11	46
September.....	18	11	12	47
October ^p	18	11	11	50

^p Preliminary.

¹ Collections during month as percentage of accounts outstanding at beginning of month.

DEPARTMENT STORE SALES, ACCOUNTS RECEIVABLE, AND COLLECTIONS

Year or month	Index numbers, without seasonal adjustment, 1947-49 average = 100								Percentage of total sales		
	Sales during month				Accounts receivable at end of month		Collections during month		Cash sales	Instalment sales	Charge account sales
	Total	Cash	Instalment	Charge account	Instalment	Charge account	Instalment	Charge account			
Averages of monthly data:											
1941.....	46	44	55	48	76	53	58	47	48	9	43
1942.....	53	57	45	48	60	48	60	51	56	6	38
1943.....	60	72	39	49	35	42	47	50	61	5	34
1944.....	67	82	36	53	29	44	41	52	64	4	32
1945.....	75	92	37	59	28	50	40	59	64	4	32
1946.....	93	105	56	84	38	73	53	78	59	4	37
1947.....	99	103	85	95	67	92	78	92	55	6	39
1948.....	103	103	105	104	108	105	106	103	52	7	41
1949.....	98	94	110	101	125	103	117	104	51	8	41
1950.....	101	93	136	106	177	111	146	111	48	10	42
1951.....	104	95	133	111	181	124	165	118	48	9	43
1951—September.....	101	90	138	107	166	113	151	97	47	10	43
October.....	113	101	164	121	172	122	163	114	46	11	43
November.....	129	115	171	138	182	136	169	121	47	10	43
December.....	177	167	205	185	197	177	168	122	49	9	42
1952—January.....	84	77	110	89	190	142	180	165	48	10	42
February.....	79	72	106	83	182	124	162	129	48	10	42
March.....	91	83	122	96	178	117	170	118	48	10	42
April.....	99	90	118	107	175	121	153	108	48	9	43
May.....	100	90	137	106	176	122	153	115	47	10	43
June.....	93	84	126	99	178	120	148	114	47	10	43
July.....	78	71	113	80	177	107	144	111	48	11	41
August.....	89	81	136	90	180	108	145	100	48	11	41
September.....	101	89	149	108	190	118	151	103	46	11	43
October ^p	116	102	178	124	201	128	159	118	46	11	43

^p Preliminary.

NOTE.—Data based on reports from a smaller group of stores than is included in the monthly index of sales shown on p. 1329.

INTERNATIONAL FINANCIAL STATISTICS

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Tables on the following pages include the principal available statistics of current significance relating to gold, international capital transactions of the United States, and financial developments abroad. The data are compiled for the most part from regularly published sources such as central and commercial bank statements and official statistical bulletins, some data are reported to the Board directly. Figures on international capital transactions of the United States are collected by the Federal Reserve Banks from banks, bankers, brokers, and dealers in the United States in accordance with the Treasury Regulation of November 12, 1934. Back figures for all except price tables, together with descriptive text, may be obtained from the Board's publication, *Banking and Monetary Statistics*.

INTERNATIONAL MONETARY FUND AND INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT

[End-of-month figures. In millions of dollars]

International Fund	1952			1951
	Oct.	July	Apr.	Oct.
Gold.....	1,691	1,537	1,532	1,529
Currencies (balances with depositories and securities payable on demand):				
United States.....	1,293	1,319	1,283	1,322
Other.....	4,390	4,420	4,460	4,409
Unpaid balance of member subscriptions.	1,354	869	871	869
Other assets.....	1	1	1	1
Member subscriptions.....	8,737	8,154	8,154	8,137
Accumulated net income.....	-7	-7	-7	-6
Net currency purchased ¹ (Cumulative—millions of dollars)	1952			1951
	Oct.	Sept.	Aug.	Oct.
Australian pounds.....	50.0	50.0	50.0	20.0
Belgian francs.....	11.4	11.4	11.4	11.4
Brazilian cruzeiros.....	37.5	37.5	37.5	65.5
Chilean pesos.....	3.6	3.6	3.6	5.4
Czechoslovakian koruny.....	6.0	6.0	6.0	6.0
Danish kroner.....	10.2	10.2	10.2	10.2
Egyptian pounds.....	-5.5	-5.5	-5.5	-5.5
French francs.....	125.0	125.0	125.0	125.0
Indian rupees.....	100.0	100.0	100.0	100.0
Iranian rials.....	8.8	8.8	8.8	8.8
Netherlands guilders.....	48.1	48.1	48.1	75.4
Norwegian kroner.....	.....	.....	.....	9.6
Turkish liras.....	10.0	10.0	10.0	5.0
Pounds sterling.....	300.0	300.0	300.0	300.0
Yugoslav dinars.....	9.0	9.0	9.0	9.0
All other.....	-1.6	-1.6	-1.6	-1.7
Total.....	712.3	712.3	712.3	735.2

International Bank	1952			1951
	Sept.	June	Mar.	Sept.
Gold.....	.....	.....	.....	.....
Currencies (balances with depositories and securities payable on demand):				
United States.....	13	6	5	11
Other.....	1,035	937	940	944
Investment securities (U. S. Govt. obligations).....	472	512	490	441
Calls on subscriptions to capital stock ²	4	4	4	4
Loans (incl. undisbursed portions and incl. obligations sold under Bank's guarantee).....	1,330	1,270	1,186	1,085
Other assets.....	15	14	14	13
Bonds outstanding.....	496	500	450	336
Liability on obligations sold under guarantee.....	59	56	41	33
Loans—undisbursed.....	407	403	372	368
Other liabilities.....	7	7	5	4
General reserve.....	63	58	55	46
Special reserve.....	30	28	26	22
Capital ²	1,807	1,691	1,691	1,688

¹ As of Oct. 31, 1952, the Fund had sold 847.0 million U. S. dollars; in addition, the Fund sold to the Netherlands 1.5 million pounds sterling in May 1947 and 300 million Belgian francs in May 1948, sold to Norway 200 million Belgian francs in June and July 1948, and sold to Brazil 10 million pounds sterling in January 1951. Repurchases amounted to 180.1 million dollars. Currencies the net transactions in which amount to less than one million are reported under "All other."
² Excludes uncalled portions of capital subscriptions, amounting to 7,229 million dollars as of Sept. 30, 1952, of which 2,540 million represents the subscription of the United States.

CENTRAL BANKS

Bank of England (Figures in millions of pounds sterling)	Assets of issue department		Assets of banking department			Note circulation ²	Liabilities of banking department				
	Gold ¹	Other assets ²	Notes and coin	Dis- counts and advances	Securi- ties		Deposits				Other liabili- ties and capital
							Bankers'	Public	ECA	Other	
1942—Dec. 30.	.2	950.0	27.7	3.5	267.9	923.4	223.4	9.0	.....	48.8	17.9
1943—Dec. 29.	2	1,100.0	12.5	2.5	307.9	1,088.7	234.3	10.3	.....	60.4	17.9
1944—Dec. 27.	2	1,250.0	13.5	5.1	317.4	1,238.6	260.7	5.2	.....	52.3	17.8
1945—Dec. 26.	2	1,400.0	20.7	8.4	327.0	1,379.9	274.5	5.3	.....	58.5	17.8
1946—Dec. 25.	.2	1,450.0	23.4	13.6	327.6	1,428.2	278.9	10.3	.....	57.3	18.1
1947—Dec. 31.	.2	1,450.0	100.8	15.2	331.3	1,349.7	315.1	18.6	.....	95.5	18.1
1948—Dec. 29.	2	1,325.0	36.1	16.7	401.1	1,293.1	314.5	11.7	17.4	92.1	18.1
1949—Dec. 28.	.4	1,350.0	33.7	14.8	489.6	1,321.9	299.2	11.6	97.9	111.2	18.1
1950—Dec. 27.	.4	1,375.0	19.2	29.2	384.0	1,357.7	313.5	15.4	.4	85.0	18.1
1951—Nov. 28.	.4	1,400.0	38.2	16.8	364.0	1,363.7	294.7	16.4	.6	89.4	18.0
Dec. 26.	.4	1,450.0	14.1	18.2	389.2	1,437.9	299.8	13.4	.6	89.8	18.1
1952—Jan. 30.	.4	1,400.0	48.1	7.9	343.7	1,353.8	277.8	15.5	.5	87.5	18.3
Feb. 27.	.4	1,400.0	34.9	17.7	344.2	1,367.0	283.0	11.8	.4	83.1	18.5
Mar. 26.	.4	1,400.0	17.4	23.6	351.8	1,384.6	280.3	12.1	.5	81.3	18.5
Apr. 30.	.4	1,450.0	41.9	27.4	306.1	1,410.0	273.0	10.7	.5	73.4	17.8
May 28.	.4	1,450.0	39.7	11.9	319.6	1,412.2	270.0	10.1	.5	72.6	18.0
June 25.	.4	1,500.0	59.8	21.2	309.6	1,442.1	275.7	10.6	13.6	72.5	18.1
July 30.	.4	1,550.0	36.8	21.6	319.7	1,515.1	262.0	10.4	18.2	69.2	18.3
Aug. 27.	.4	1,500.0	43.0	7.2	324.4	1,459.0	252.4	16.0	23.0	64.8	18.4
Sept. 24.	.4	1,500.0	57.8	5.2	333.5	1,444.1	275.7	11.1	24.2	67.0	18.5
Oct. 29.	.4	1,500.0	57.7	9.3	324.8	1,444.2	271.6	13.5	22.2	66.7	17.8

¹ On June 9, 1945, the official buying price of the Bank of England for gold was increased from 168 shillings to 172 shillings and threepence per fine ounce, and on Sept. 19, 1949, it was raised to 248 shillings. For details regarding previous changes in the buying price of gold and for internal gold transfers during 1939, see BULLETIN for March 1950, p. 388, footnotes 1 and 4.

² Securities and silver coin held as cover for fiduciary issue, the amount of which is also shown by this figure.

³ Notes issued less amounts held in banking department.

⁴ Fiduciary issue decreased by 50 million pounds on Jan. 16, increased by 50 million on Apr. 1, June 25, and July 21, and decreased by 50 million on Aug. 27. For details on previous changes, see BULLETIN for February 1952, p. 212; February 1951, p. 238; February 1950, p. 254; April 1949, p. 450; and February 1948, p. 254.

NOTE.—For back figures, see *Banking and Monetary Statistics*, Table 164, pp. 638-640; for description of statistics, see pp. 560-561 in same publication.

MONEY RATES IN FOREIGN COUNTRIES

DISCOUNT RATES OF CENTRAL BANKS

[Per cent per annum]

Date effective	Central bank of—							Central bank of—	Rate Oct. 31	Date effective	Central bank of—	Rate Oct. 31	Date effective
	United Kingdom	France	Germany	Belgium	Netherlands	Sweden	Switzerland						
In effect Dec. 31, 1945.....	2	1½	3½	1½	2½	2½	1½	Argentina.....	3½	Mar. 1, 1936	Italy.....	4	Apr. 6, 1950
Nov. 7, 1946.....				2½				Austria.....	6	July 3, 1952	Japan.....	5.84	Oct. 1, 1951
Dec. 19.....				3				Belgium.....	3½	Sept. 13, 1951	Java.....	3	Apr. 1, 1946
Jan. 10, 1947.....		1½ & 2½						Bolivia.....	6	Sept. 30, 1950	Mexico.....	4½	June 4, 1942
Aug. 27.....				3½				Canada.....	2	Oct. 17, 1950	Netherlands..	3	Aug. 1, 1952
Oct. 9.....		2½ & 3						Chile.....	4½	June 13, 1935	New Zealand..	1½	July 26, 1941
June 28, 1948.....			15					Colombia.....	4	July 18, 1933	Norway.....	2½	Jan. 9, 1946
Sept. 6.....		3½ & 4						Costa Rica....	4	Feb. 1, 1950	Pakistan.....	3	July 1, 1948
Oct. 1.....		3						Denmark.....	5	Nov. 2, 1950	Peru.....	6	Nov. 13, 1947
May 27, 1949.....			14½					Ecuador.....	10	May 13, 1948	Portugal....	2½	Jan. 12, 1944
July 14.....			14					Egypt.....	3½	July 5, 1952	South Africa..	4	Mar. 27, 1952
Oct. 6.....				3½				El Salvador...	3	Mar. 22, 1950	Spain.....	4	Mar. 18, 1949
June 8, 1950.....		2½				3		Finland.....	5½	Dec. 16, 1951	Sweden.....	3	Dec. 1, 1950
Sept. 11.....				3½				France.....	4	Nov. 9, 1951	Switzerland..	1½	Nov. 26, 1936
Sept. 26.....					3			Germany.....	14½	Aug. 21, 1952	Turkey.....	3	Feb. 26, 1951
Oct. 27.....			16					Greece.....	12	July 12, 1948	United Kingdom		
Dec. 1.....						3		India.....	3½	Nov. 15, 1951	USSR.....	4	Mar. 12, 1952
Apr. 17, 1951.....					4			Ireland.....	3½	Mar. 25, 1952		4	July 1, 1936
July 5.....				3½									
Sept. 13.....				3½									
Oct. 11.....		3											
Nov. 8.....	2½												
Nov. 9.....	4												
Jan. 22, 1952.....					3½								
Mar. 12.....	4												
May 29.....			15										
Aug. 1.....					3								
Aug. 21.....			14½										
In effect Oct. 31, 1952.....	4	4	14½	3½	3	3	1½						

¹ Rate established for the Land Central banks.

NOTE.—Changes since Oct. 31: None.

OPEN-MARKET RATES

[Per cent per annum]

Month	Canada	United Kingdom				France	Netherlands		Sweden	Switzerland
	Treasury bills 3 months	Bankers' acceptances 3 months	Treasury bills 3 months	Day-to-day money	Bankers' allowance on deposits	Day-to-day money	Treasury bills 3 months	Day-to-day money	Loans up to 3 months	Private discount rate
1942—September....	.53	1.03	1.00	1.05	.50	1.66			3-5½	1.25
1943—September....	.46	1.03	1.00	1.07	.50	1.61			3-5½	1.25
1944—September....	.38	1.03	1.01	1.13	.50	1.73			3-5½	1.25
1945—September....	.36	1.03	1.00	1.13	.50	1.41	1.72	1.08	2½-5	1.25
1946—September....	.40	.53	.51	.63	.50	1.32	1.30	1.00	2½-4½	1.25
1947—September....	.41	.53	.51	.63	.50	1.44	1.08	.75	2½-4½	1.25
1948—September....	.41	.56	.51	.63	.50	2.84	1.10	.84	2½-4½	1.63
1949—September....	.51	.69	.52	.63	.50	2.03	1.15	1.01	2½-4½	1.50
1950—September....	.62	.69	.52	.63	.50	2.22	1.33	.91	2½-4½	1.50
1951—September....	.88	1.00	.51	.63	.50	2.56	1.24	1.00	3-5	1.50
1951—October.....	.93	1.00	.51	.63	.50	2.78	1.16	1.00	3-5	1.50
November.....	.92	1.38	.84	.92	.69	3.27	1.17	1.00	3-5	1.50
December.....	.89	1.50	.98	1.00	.75	3.50	1.21	1.00	3-5	1.50
1952—January.....	.89	1.50	.97	1.00	.75	3.50	1.18	1.00	3-5	1.50
February.....	.91	1.50	.99	1.00	.75	3.93	1.17	1.00	3-5	1.50
March.....	.94	2.48	2.01	1.82	1.57	3.95	1.38	1.00	3-5	1.50
April.....	.98	3.00	2.35	2.25	2.00	3.88	1.40	1.00	3-5	1.50
May.....	1.02	3.00	2.37	2.25	2.00	3.84	1.25	.90	3-5	1.50
June.....	1.08	3.00	2.43	2.25	2.00	3.66	1.20	.75	3-5	1.50
July.....	1.11	3.00	2.46	2.25	2.00	3.84	1.05	.75	3-5	1.50
August.....	1.10	3.00	2.46	2.25	2.00	3.77	.85	.58	3-5	1.50
September.....	1.14	3.00	2.49	2.25	2.00	4.00	.85	.62	3-5	1.50

^p Preliminary.

NOTE.—For monthly figures on money rates in these and other foreign countries through 1941, see *Banking and Monetary Statistics*, Table 172, pp. 656-661, and for description of statistics see pp. 571-572 in same publication.

PRICE MOVEMENTS IN PRINCIPAL COUNTRIES

WHOLESALE PRICES—ALL COMMODITIES

[Index numbers]

Year or month	United States (1947-49 = 100)	Canada (1935-39 = 100)	Mexico (1939 = 100)	United Kingdom (1930 = 100)	France (1949 = 100)	Italy (1938 = 100)	Japan (1934-36 average = 1)	Netherlands (1948 = 100)	Sweden (1935 = 100)	Switzerland (Aug. 1939 = 100)
1941.....	57	116	110	153	9	136	2	.....	172	171
1942.....	64	123	121	159	10	153	2	.....	189	195
1943.....	67	128	146	163	12	.....	2	.....	196	203
1944.....	68	131	179	166	14	.....	2	.....	196	207
1945.....	69	132	199	169	20	.....	4	.....	194	205
1946.....	79	139	229	175	34	.....	16	.....	186	200
1947.....	96	163	242	192	52	5,159	48	.....	199	208
1948.....	104	193	260	219	89	5,443	128	100	214	217
1949.....	99	198	285	230	100	5,170	209	104	216	206
1950.....	103	211	311	262	108	4,905	246	117	227	203
1951.....	115	240	386	320	138	5,581	*343	143	299	227
1951—October.....	114	240	395	329	146	5,451	359	143	306	227
November.....	114	239	403	329	151	5,462	359	144	317	226
December.....	114	238	402	330	152	5,454	356	145	318	228
1952—January.....	113	237	402	335	153	5,415	358	145	320	227
February.....	113	233	400	329	152	5,380	357	145	320	224
March.....	112	231	404	333	149	5,323	353	143	322	222
April.....	112	227	407	330	147	5,255	349	142	321	221
May.....	112	225	406	328	145	5,179	348	140	321	220
June.....	111	227	405	328	143	5,133	348	139	322	220
July.....	112	226	400	327	144	*5,200	351	136	320	220
August.....	112	224	400	325	144	5,236	*348	137	319	220
September.....	112	222	393	*323	*143	.....	349	138	*316	220
October.....	111	.....	397	326	*141	.....	.....	.....	*313	*218

* Preliminary.

† Revised.

Sources.—See BULLETIN for January 1952, p. 108; August 1951, p. 1046; January 1950, p. 124; June 1949, p. 754; June 1948, p. 746; July 1947, p. 934; January 1941, p. 84; April 1937, p. 372; March 1937, p. 276; and October 1935, p. 678.

WHOLESALE PRICES—GROUPS OF COMMODITIES

[Indexes for groups included in total index above]

Year or month	United States (1947-49 = 100)			Canada (1935-39 = 100)			United Kingdom (1930 = 100)		Netherlands (1948 = 100)		
	Farm products	Processed foods	Other commodities	Farm products	Raw and partly manufactured goods	Fully and chiefly manufactured goods	Foods	Industrial products	Foods	Industrial raw products	Industrial finished product
1941.....	46	n.a.	64	107	114	119	146	156	.....	.....	.....
1942.....	59	n.a.	68	127	123	124	158	160	.....	.....	.....
1943.....	69	n.a.	69	145	131	127	160	164	.....	.....	.....
1944.....	69	n.a.	70	155	134	129	158	170	.....	.....	.....
1945.....	72	n.a.	71	165	136	130	158	175	.....	.....	.....
1946.....	83	n.a.	78	177	140	138	158	184	.....	.....	.....
1947.....	100	98	95	190	164	162	165	207	.....	.....	.....
1948.....	107	106	103	230	196	192	181	242	100	100	100
1949.....	93	96	101	226	197	199	197	249	101	108	104
1950.....	98	100	105	237	213	211	221	286	112	128	116
1951.....	113	111	116	265	238	242	247	*364	122	171	143
1951—October.....	112	112	115	259	236	243	263	*367	122	174	142
November.....	112	111	115	265	237	242	263	*368	124	177	142
December.....	111	111	115	267	236	240	266	*368	129	174	141
1952—January.....	110	110	114	263	233	240	277	*368	130	176	141
February.....	108	110	114	251	228	236	271	*363	133	172	141
March.....	108	109	114	248	226	235	276	*366	130	169	139
April.....	109	108	113	245	221	231	280	*358	130	166	138
May.....	108	109	113	244	220	228	280	*355	128	165	136
June.....	107	109	113	250	221	231	283	*352	127	163	134
July.....	110	110	113	244	219	230	289	*348	122	162	133
August.....	110	111	113	236	216	229	287	*345	124	164	133
September.....	*107	*110	113	226	213	228	*284	*343	129	163	133
October.....	105	109	113	*221	.....	.....	293	*343	.....	.....	.....

n.a. Not available.

* Preliminary.

† Revised.

Sources.—See BULLETIN for January 1952, p. 108; August 1951, p. 1046; July 1947, p. 934; May 1942, p. 451; March 1935, p. 180; and March 1931, p. 159.

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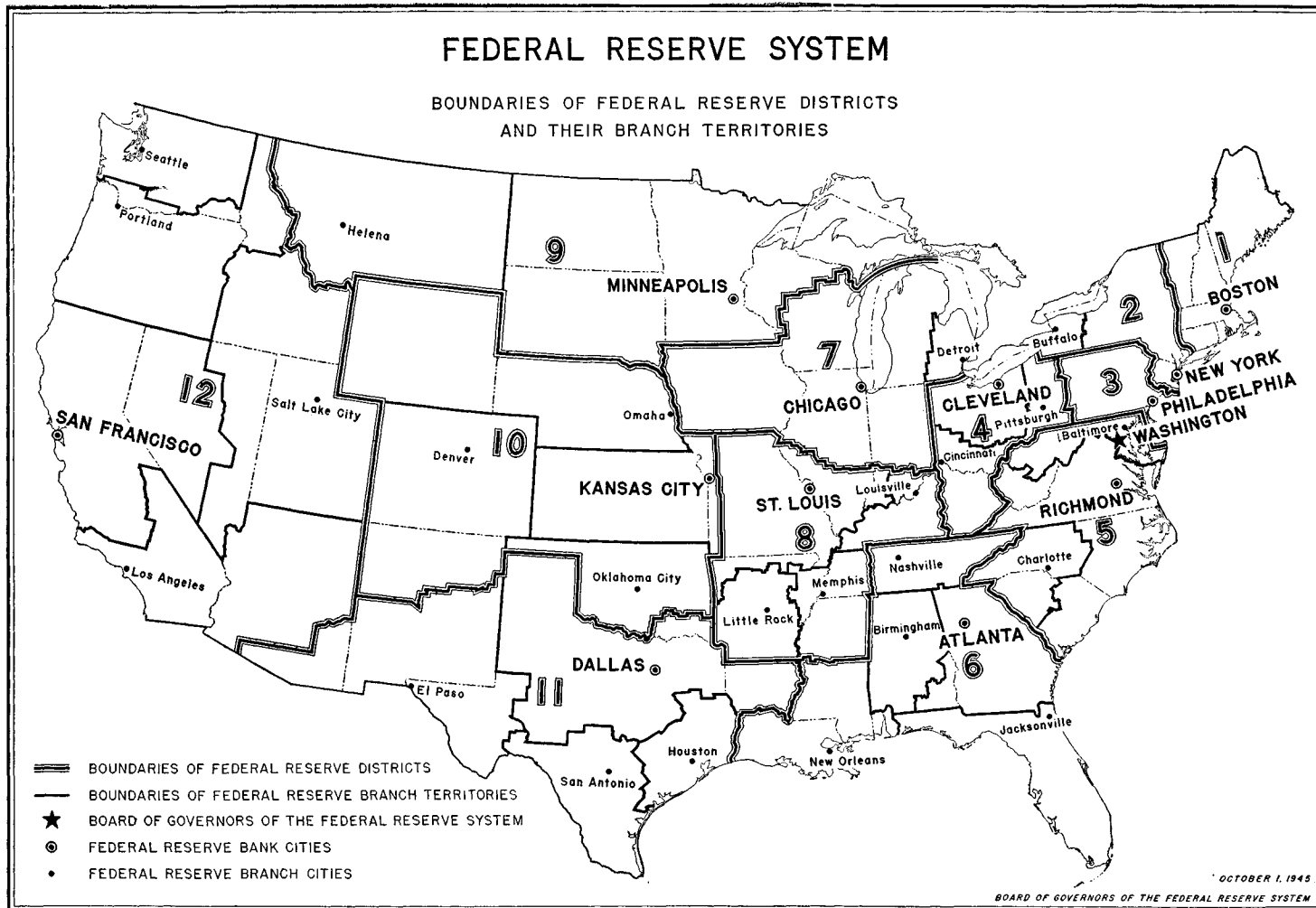
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