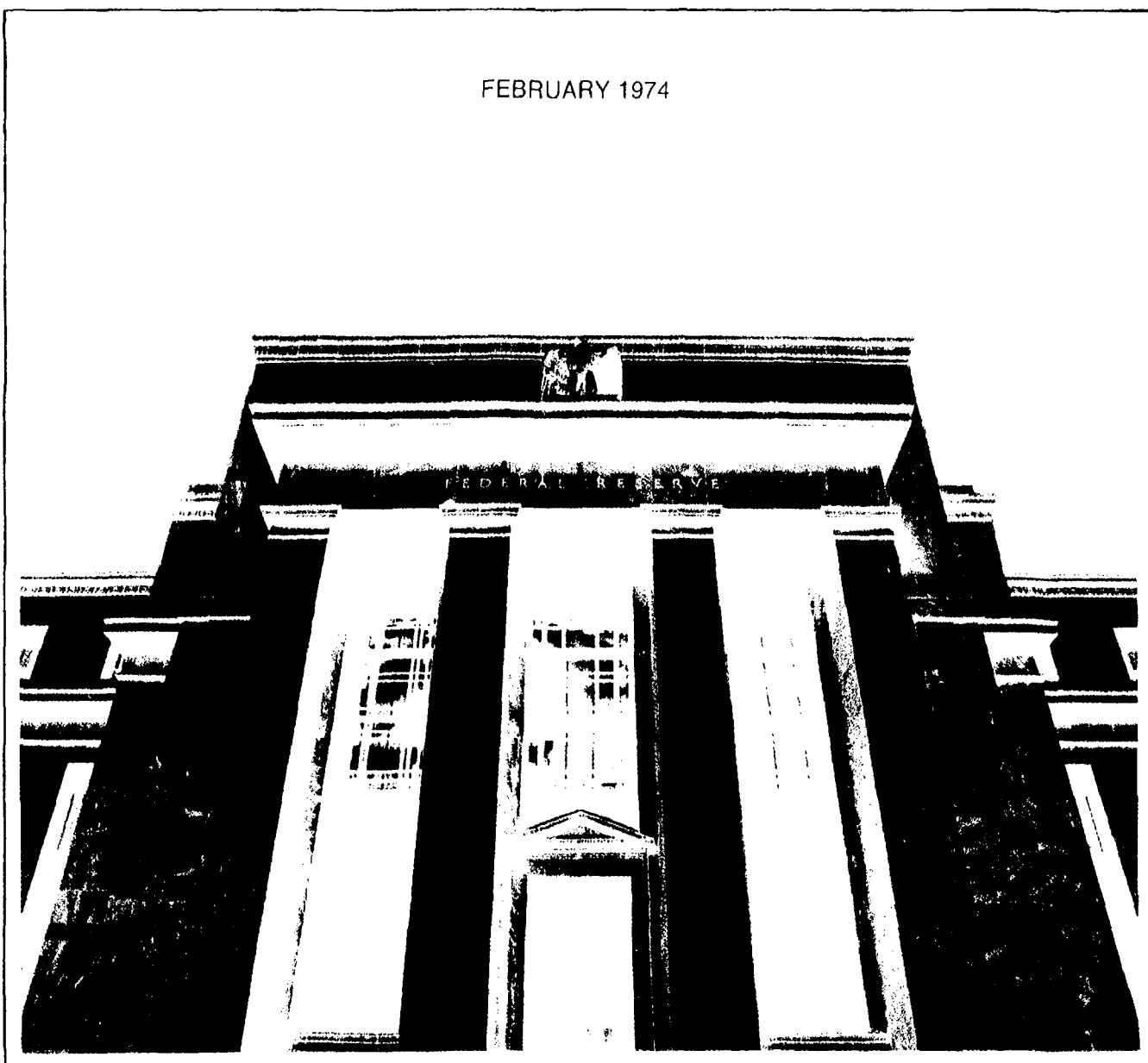


# FEDERAL RESERVE BULLETIN

FEBRUARY 1974



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COVER: Photograph of the Constitution Avenue entrance of the Federal Reserve Building in Washington, D.C. The building, completed in 1937, houses the Board of Governors of the Federal Reserve System and its staff. In the two-tone reproduction of the photograph, the gray color is printed as a combined "line conversion" with a light-value halftone and the orange is overprinted with a darker-value halftone.

# FEDERAL RESERVE BULLETIN

NUMBER 2 □ VOLUME 60 □ FEBRUARY 1974

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# Financial Developments in the Fourth Quarter of 1973

*This report, which was sent to the Joint Economic Committee of the U.S. Congress, highlights the important developments in financial markets during the fall and early winter.*

Conflicting economic pressures and an atmosphere of great uncertainty underlay financial developments in the fourth quarter of 1973. The Nation's gross national product continued to expand at a relatively rapid pace, but this expansion reflected mainly price inflation. Real economic growth slowed, in part due to the energy shortage. The Arab oil embargo and the sharp increase in oil prices obscured the economic future, stimulated large-scale international financial flows, and led to substantial readjustments of exchange rates as the market evaluated likely differential balance of payments impacts among countries.

During the second half of 1973, the narrowly defined money stock expanded at a 3.7 per cent annual rate, much slower than the 7.7 per cent growth rate of the first half. However, it grew at a relatively rapid rate in the final months of the year when public demands for cash balances may have been enhanced by precautionary motives in the uncertain financial and economic environment. The rapid  $M_1$  growth late in the year occurred with only a small increase in reserves available to support private nonbank deposits, as a reduction in large negotiable certificates of deposit (CD's) freed reserves to support expansion in the demand deposit component of  $M_1$ . Growth of the broader money stock aggregates accelerated during the fourth quarter as improved inflows of consumer-type time and savings deposits at both commercial banks

and nonbank thrift institutions supplemented the rise in  $M_1$ . For the year as a whole,  $M_1$  grew at a 5.7 per cent annual rate, while the broader aggregates,  $M_2$  and  $M_3$ , each grew at an 8.6 per cent rate.

Market rates of interest remained considerably below peak levels reached during the summer. The flow of short-term credit to the business sector, though sizable, was somewhat reduced from earlier quarters of the year. There was a shift in the short-term credit demands of large corporations away from commercial banks and toward the commercial paper market, as market rates were low relative to bank loan rates. At the same time, corporations increased their issuance of securities in the capital markets. Flows to major private mortgage lenders were much improved during the quarter, but net mortgage debt formation fell sharply, in part reflecting earlier cutbacks in commitments.

#### MONETARY AGGREGATES

In the fourth quarter of 1973, reserves available to support private nonbank deposits (RPD's) increased at the slowest rate in nearly 4 years. This largely reflected a decrease in the banking system's demand for reserves occasioned by substantial run-offs of maturing large CD's in October and November. During earlier quarters of the year, when business loan demands were stronger and banks aggressively sought additional loanable funds, large issues of CD's by banks had greatly increased the demand for reserves.

Total reserves increased faster than RPD's in the fourth quarter, as the System accommodated a net rise in the total of U.S. Government and interbank deposits. In the process, nonborrowed reserves expanded rapidly to offset the decline in member bank borrowings from the Federal Reserve that accompanied the reduction in short-term market rates.

Measured on an end-month of quarter basis,  $M_1$  increased at a 7.5 per cent seasonally adjusted annual rate during the fourth quarter after showing little net change in the third quarter. When measured on the quarterly average basis commonly employed in calculations of such economic aggregates as gross national product, the fourth-quarter growth rate of  $M_1$  was 3.9 per cent as compared with a 5.5 per cent rate for the third.  $M_2$  expanded at an annual rate of 10.1 per cent from September to December, buoyed by stronger inflows of consumer-type time and savings deposits at commercial banks.  $M_3$  rose at a 9.2 per cent rate over the period, reflecting expansion in  $M_2$  and improved deposit flows at nonbank thrift institutions. These growth rates reflect year-end revisions in the monetary aggregates, incorporating new benchmark data for nonmember banks and updated seasonal adjustment factors. The revisions raised measured 1973 growth rates for  $M_1$  by close to 1 per cent and for  $M_2$  and  $M_3$  by lesser amounts.

**TABLE 1**  
**CHANGES IN SELECTED MONETARY AGGREGATES**

In per cent, figures are seasonally adjusted annual rates

| Item   | 1972 | 1973 | 1973 |      |      |      |
|--|------|------|------|------|------|------|
|  |      |      | Q1   | Q2   | Q3   | Q4   |
| Member bank reserves                                       |      |      |      |      |      |      |
| Total  | 10.6 | 7.8  | 6.4  | 6.9  | 10.6 | 6.1  |
| Nonborrowed  | 7.7  | 7.2  | 3.6  | 7.0  | 11.3 | 13.4 |
| Available to support private nonbank deposits <sup>1</sup> | 10.1 | 9.3  | 7.8  | 12.5 | 14.2 | 1.4  |
| Concepts of money <sup>2</sup> calculated from--           |      |      |      |      |      |      |
| End-month of quarter:                                      |      |      |      |      |      |      |
| M <sub>1</sub>   | 8.7  | 5.7  | 3.8  | 11.5 | 2    | 7.5  |
| M <sub>2</sub>   | 11.1 | 8.6  | 6.9  | 11.1 | 5.2  | 10.1 |
| M <sub>3</sub>   | 13.1 | 8.6  | 9.4  | 10.4 | 4.5  | 9.2  |
| Quarterly average:   |      |      |      |      |      |      |
| M <sub>1</sub>   | 7.7  | 6.1  | 7.0  | 7.5  | 5.5  | 3.9  |
| M <sub>2</sub>   | 10.9 | 8.8  | 8.8  | 8.7  | 7.9  | 8.5  |
| M <sub>3</sub>   | 13.0 | 8.9  | 10.8 | 9.1  | 7.2  | 7.4  |
| Time and savings deposits at:                              |      |      |      |      |      |      |
| Commercial banks (other than large CD's)                   | 13.5 | 11.3 | 9.9  | 10.4 | 10.4 | 12.5 |
| Nonbank thrift institutions                                | 16.9 | 8.7  | 13.6 | 9.4  | 3.1  | 7.5  |
| Bank credit proxy, adjusted <sup>3</sup>                   | 11.6 | 10.6 | 14.6 | 12.6 | 10.5 | 3.3  |
| MEMO (Change in billions of dollars, seasonally adjusted)  |      |      |      |      |      |      |
| Large CD's   | 10.4 | 19.4 | 11.2 | 7.4  | 4.7  | 3.9  |
| U.S. Government demand deposits at member banks            | ...  | 1.2  | 1.5  | 2.3  | 3    | 1    |

<sup>1</sup>Total reserves less required reserves for U.S. Government and interbank deposits

<sup>2</sup>M<sub>1</sub> is currency plus private demand deposits adjusted.

M<sub>2</sub> is M<sub>1</sub> plus bank time and savings deposits adjusted other than large CD's.

M<sub>3</sub> is M<sub>2</sub> plus deposits at mutual savings banks and savings and loan associations.

<sup>3</sup>Total member bank deposits plus funds provided by Euro-dollar borrowings and bank-related commercial paper.

NOTE: --Changes are calculated from the average amounts outstanding in the last month of each quarter, except the quarterly average calculation of concepts of money, which are based on changes in the average amounts outstanding for a quarter. Annual rates of growth have been adjusted for changes in reserve requirements.

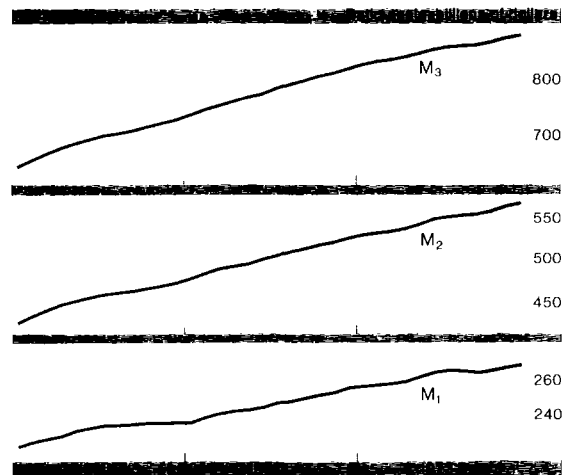
Data for the money stock and other monetary aggregates have recently been revised to reflect changes in seasonal adjustment factors and corrections to the latest benchmark levels available for nonmember banks. A complete description of these revisions appears on pp. 81-95.

Special factors stemming primarily from the Arab oil embargo may have enlarged money stock growth late in the year. As the dollar gained strength in international markets because of the presumed greater impact of the fuel shortage on foreign economies, some foreign central banks sold dollar assets to support their own currencies. In November some of the proceeds of these sales were deposited temporarily at Federal Reserve Banks, thereby increasing the growth of M<sub>1</sub> in that month. Also, near year-end, the coincidence of European banking holidays with bank reporting dates led to an apparent accumulation of dollar balances by foreign commercial banks at U.S. commercial banks. Uncertainties associated with the energy crisis may also have induced domestic wealth holders to seek refuge for a time in deposit claims of banks and thrift institutions, rather than investing in marketable securities.

The decline of interest rates on market instruments from peak levels reached during the summer reduced the pressures toward disintermediation. Inflows of consumer-type time and savings deposits at commercial banks, which had continued to be sizable during the third quarter, increased somewhat further in the fourth quarter. Growth of deposits at nonbank thrift institutions recovered substantially from the depressed third-quarter rate.

Commercial banks and nonbank thrift institutions had competed actively for consumer-type savings during the summer, with the ceiling-free, 4-year certificate category created by the regulatory agencies in July playing an important role in that competition. Both

**CHART 1 CONCEPTS OF MONEY**



Seasonally adjusted monthly averages.

$M_1$  is currency plus private demand deposits adjusted.

$M_2$  is  $M_1$  plus commercial bank time and savings deposits adjusted other than large CD's.

$M_3$  is  $M_2$  plus deposits at mutual savings banks and savings and loan associations.

groups of institutions had attracted large amounts of the ceiling-free deposits, some transferred from their own accounts and some drawn from other institutions and market instruments. However, commercial banks experienced larger net inflows of total consumer-type time and savings deposits than did thrift institutions.

The Congress passed legislation in October requiring the Federal regulatory agencies to reimpose rate ceilings on all maturities of time deposits. Consequently, ceilings of  $7\frac{1}{4}$  per cent for commercial banks and  $7\frac{1}{2}$  per cent for thrift institutions were set on the 4-year accounts, effective November 1. Deposit inflows at thrift institutions, particularly savings and loans, had already improved significantly earlier in the fall in response to the decline in market interest rates; these institutions were able, due to the continuance of the lower market rates, to sell sizable volumes of the 4-year certificates in November and December even with the new ceilings.

The accelerated expansion of demand and consumer-type time

and savings deposits was one factor leading commercial banks to permit a run-off in their large CD's. Also important was the relatively high cost of CD funds—a cost that had been increased by the imposition in late September of an additional 3 percentage point marginal reserve requirement on such deposits above a mid-May base (raising the marginal reserve requirement to 11 per cent on CD's and related instruments at member banks). Between September and November, the volume of CD's outstanding at large banks was reduced by nearly \$5 billion as offering yields on most maturities were cut by 1¼ to 1½ percentage points. In December the 3 per cent marginal reserve requirement was suspended, and commercial banks bid somewhat more aggressively for large CD's. Nevertheless, large CD's outstanding decreased by a sufficiently large amount over the quarter to offset much of the gain in other deposit categories, and the result was the slowest growth of the adjusted member bank credit proxy in 3 years.

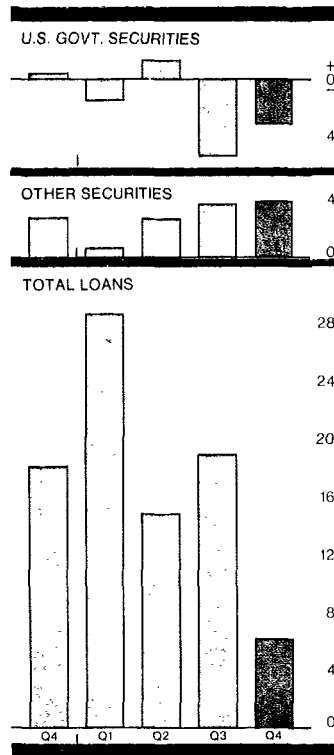
#### BANK USES OF FUNDS:

The run-off of large CD's at commercial banks was, in large measure, a response to a pronounced slowing in the growth of bank loans, particularly to nonfinancial businesses. During the fourth quarter, commercial bank loans and investments grew at an annual rate of only 4½ per cent, as compared with the 15 per cent pace recorded in the first 9 months of the year. While growth in almost all major loan categories moderated during the quarter, the most significant change was in business loans, which increased at only about a 5 per cent annual rate compared with a 25 per cent rate of gain over the first three quarters. Banks continued to liquidate holdings of Treasury securities (on a seasonally adjusted basis); for the year as a whole, the total decline in bank holdings of such issues was nearly \$9 billion. However, in the fourth quarter, banks stepped up their acquisition of other securities—primarily Federal agency and municipal issues—and the increase in these investments offset the reduction during that period in holdings of Treasury securities.

The slackening of business loan growth at commercial banks was the product of two significant shifts in corporate financing patterns. One of these was a movement toward greater reliance on the capital markets in the fourth quarter. The second was a substitution of commercial paper sales for bank borrowings, particularly in October and the first half of November. This substitution was stimulated by a sizable cost advantage that was created by the sharp decline in short-term market interest rates in September and October, but which diminished thereafter as the commercial bank prime rate began to move lower and commercial paper rates firmed. By late November, rates had adjusted so as to provide an incentive for some switching back to bank credit; dealer-placed

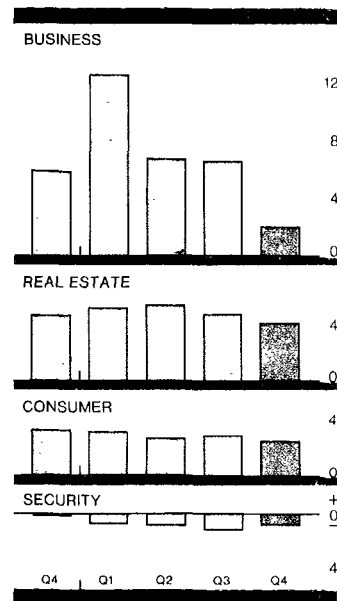


### BANK CREDIT COMPONENTS



Seasonally adjusted. Loans adjusted for transfers between banks and their holding companies, affiliates, subsidiaries, or foreign branches. Bank credit figures revised to incorporate June 1973 Call Report data for nonmember banks and new seasonal adjustment factors.

### BANK LOANS MAJOR COMPONENTS



Seasonally adjusted. Business adjusted for transfers between banks and their holding companies, affiliates, subsidiaries, or foreign branches. Bank credit figures revised to incorporate June 1973 Call Report data for nonmember banks and new seasonal adjustment factors.

commercial paper outstanding dropped slightly on a seasonally adjusted basis during December.

The depressing impact of the fuel shortage on automobile sales was reflected directly in bank loans to consumers and indirectly in bank loans to nonbank financial institutions. Consumer credit demands slackened, producing a slight reduction in the still relatively rapid growth rate of bank consumer loans. Finance companies, although requiring funds to finance auto inventories that built up as sales weakened, borrowed less from banks and relied more heavily on the commercial paper and bond markets.

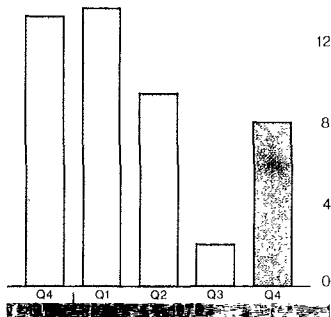
Real estate loans at banks also slowed moderately in the fourth quarter from the rapid pace of earlier months. However, compared to previous periods of credit stringency, the expansion in real estate loans remained very strong throughout 1973 as banks—with their access to funds in the CD market unconstrained by Regulation Q ceilings—generally found attractive the high rates available on mortgages. For the year, bank holdings of real estate loans in-

creased by nearly 20 per cent; this compared with an expansion of only 3.6 per cent during 1970, the previous period of credit stringency. The \$19 billion supplied by commercial banks to the mortgage market during 1973 constituted more than one-fourth of total net mortgage debt formation.

**NONBANK INTERMEDIATION AND MORTGAGE MARKETS**

The fourth quarter of 1973 saw a marked improvement in deposit flows at nonbank thrift institutions, particularly at savings and loan associations. During the third quarter, when short-term interest rates reached their highest levels of the year, deposit withdrawals on an unadjusted basis at savings and loans and mutual savings banks exceeded new deposits by nearly \$3.7 billion; in contrast, there was a net new money inflow of approximately \$2.3 billion during the fourth quarter. The entire gain in deposits over the October–December period occurred in certificate accounts as passbook deposits declined slightly. On a seasonally adjusted basis, total deposits rose at an 8.0 per cent annual rate in the fourth quarter, up from 2.0 per cent during the preceding quarter.

**NONBANK SAVINGS ACCOUNTS**



Seasonally adjusted.

With the abatement of pressures toward disintermediation, non-bank thrift institutions began to rebuild liquid asset portfolios and to reduce reliance on nondeposit sources of funds. The indebtedness of member thrift institutions to the Federal Home Loan Bank System rose \$850 million, but this increase was much smaller than the \$3.2 billion expansion during the third quarter. Mortgage loan commitments at thrift institutions continued to decline, but at a decelerated pace.

Net mortgage debt formation slowed sharply during the fourth quarter of 1973 and, on a seasonally adjusted basis, was about one-third below the peak first-quarter rate. Nearly all of the decrease in mortgage debt growth occurred in the residential sector, but

**TABLE 2**  
NET CHANGE IN MORTGAGE DEBT OUTSTANDING

In billions of dollars, seasonally adjusted quarterly rates

| Change                           | 1972 | 1973 |      |      |      |
|----------------------------------|------|------|------|------|------|
|                                  | Q4   | Q1   | Q2   | Q3   | Q4*  |
| <b>By type of debt:</b>          |      |      |      |      |      |
| Total                            | 17.1 | 19.8 | 18.9 | 17.6 | 13.4 |
| Residential                      | 12.6 | 14.7 | 13.7 | 12.2 | 8.6  |
| Other <sup>1</sup>               | 4.5  | 5.1  | 5.2  | 5.4  | 4.8  |
| <b>At selected institutions:</b> |      |      |      |      |      |
| Commercial banks                 | 4.5  | 4.6  | 5.1  | 4.8  | 4.1  |
| Savings and loans                | 8.6  | 8.2  | 8.7  | 6.3  | 3.0  |
| Mutual savings banks             | 1.5  | 1.5  | 1.7  | 1.3  | 1.2  |
| Insurance companies              | 1.2  | 4    | 5    | 1.2  | 1.2  |
| FNMA GNMA                        | 1    | 5    | 4    | 1.6  | 7    |

<sup>1</sup>Includes commercial and other nonresidential as well as farm properties  
\*Partially estimated.

the expansion in nonresidential mortgage debt also moderated. Commercial banks accounted for the largest single share of total net mortgage debt formation, as net lending by savings and loan associations dropped further. Direct and indirect financing by the Federally sponsored credit agencies fell in the last quarter of the year, due to the reduced volume of FHLB advances and increased resales of mortgages to private investors by the Government National Mortgage Association.

### FUNDS RAISED IN SECURITIES MARKETS

The volume of long-term securities issued by corporations and State and local governments during the fourth quarter was substantially larger than in previous quarters of 1973. A greatly expanded volume of publicly offered bonds accounted for most of the increase in new issues by the corporate sector. A resurgence in financings by manufacturing and financial corporations played an important role in boosting the volume of offerings. Private placements were down somewhat from the high levels recorded in prior quarters.

**TABLE 3**  
OFFERINGS OF NEW SECURITY ISSUES

Quarterly totals, in billions of dollars, not seasonally adjusted

| Type of issue                       | 1972 | 1973 |     |     |      |
|-------------------------------------|------|------|-----|-----|------|
|                                     | Q4   | Q1   | Q2  | Q3  | Q4*  |
| Corporate securities - Total        | 10.6 | 8.2  | 8.6 | 6.4 | 10.2 |
| Bonds                               | 7.3  | 4.4  | 6.2 | 4.6 | 7.0  |
| Stocks                              | 3.3  | 4.0  | 2.4 | 1.7 | 3.1  |
| State and local government<br>bonds | 5.9  | 5.9  | 5.9 | 5.2 | 6.6  |

\*Estimated.

NOTE: Details may not add to totals because of rounding.

The increase in over-all bond volume was partly attributable to the increased gap between internal funds generated and capital outlays, but it was also influenced by the redirection of business credit demands from short-term to long-term markets as corporations attempted to bolster liquidity and avoid what might have proven to be more costly long-term financings in ensuing months. The September-October stock market rally stimulated a spurt in new equity issues, though offerings dropped off again as share prices declined sharply over the last 2 months of the year.

State and local units sold the largest volume of long-term debt since the first quarter of 1971. An exceptionally large volume of revenue bonds was marketed, with industrial pollution control issues continuing to increase in importance. Because these pollution control bonds are used to finance business capital outlays, their rapid growth has led to an increasing overstatement of State and

local government credit needs and an understatement of corporate financing requirements.

The U.S. Treasury borrowed \$6.7 billion from the public during the fourth quarter to finance a seasonal budgetary deficit and to rebuild its cash balances. Treasury credit needs were increased by foreign central bank redemptions of nonmarketable Treasury issues; foreign central bank sales of marketable issues added further to the quantity of Treasury securities that had to be acquired by domestic buyers. At the same time, reduced credit demands by Federally sponsored credit agencies provided some offset to the increased Treasury borrowings.

**TABLE 4**  
FEDERAL GOVERNMENT BORROWING AND CASH BALANCE

Quarterly totals, in billions of dollars, not seasonally adjusted

| Item   | 1972   | 1973 |       |       |                  |
|--|--------|------|-------|-------|------------------|
|  | Q4     | Q1   | Q2    | Q3    | Q4               |
| Budget surplus, or deficit ( - ) . . . . .   | - 10.5 | -9.5 | 7.7   | - 1.1 | - 5.0            |
| Net cash borrowings, or repayments ( - ) . . . . .                                 | 12.3   | 8.4  | - 6.5 | - .7  | 6.7              |
| Other means of financing <sup>1</sup> . . . . .                                    | .5     | 2.9  | 1.5   | - 2.5 | 1.4              |
| Change in cash balance . . . . .   | 1.3    | 1.8  | .3    | 4.3   | 2.1              |
| MEMO: Net borrowings by Federally sponsored credit agencies <sup>2</sup> . . . . . | 1.0    | 2.0  | 5.0   | 6.1   | 3.1 <sup>3</sup> |

<sup>1</sup> Checks issued less checks paid and other accrued items.

<sup>2</sup> Includes debt of the Federal Home Loan Mortgage Corporation, Federal home loan banks, Federal land banks, Federal intermediate credit banks, banks for cooperatives, and FNMA (including discount notes and securities guaranteed by GNMA).

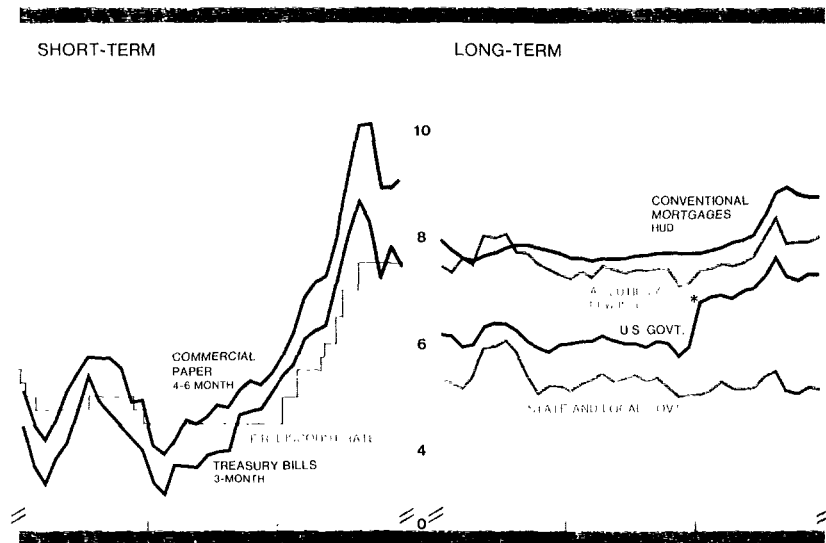
<sup>3</sup> Estimated.

INTEREST RATES

Interest rates showed rather wide fluctuations during the fourth quarter, but at year-end, rates were generally close to the levels reached in the September market rally and well below their summer peaks. Long-term rates were moving upward as the new year began and a heavy schedule of new corporate and tax-exempt issues developed.

The Federal funds rate tended downward between September and December, declining by about one percentage point over the span. This change, plus the reduced short-term credit demands of the business sector in the latter half of the quarter, enabled money market rates to remain, on balance, near their reduced September levels despite the heavy volume of short-term Treasuries sold by foreign central banks and by the U.S. Treasury. The market yield on 3-month Treasury bills jumped sharply during November but declined thereafter to 7½ per cent, about the same as at the beginning of the quarter. Commercial paper rates, on the other hand, exhibited more moderate fluctuations and ended the quarter about one-half percentage point lower than their initial level.

## CHART 2 INTEREST RATES



Level of series was affected by issue of new 20 year U.S. Government bond in January.

Monthly averages except for conventional mortgages (based on quotations for one day each month). Yields: U.S. Treasury bills, market yields on 3-month issues; prime commercial paper, dealer offering rates; conventional mortgages, rates on first mortgages in primary markets, unweighted and rounded to nearest 5 basis points, from Dept. of Housing and Urban Development; corporate bonds, weighted averages of new publicly offered bonds rated Aaa, Aa, and A by Moody's Investors Service and adjusted to an Aaa utility basis; U.S. Govt. bonds, market yields adjusted to 20-year constant maturity by U.S. Treasury; State and local gov't bonds (20 issues, mixed quality), *Bond Buyer*.

In the capital markets, the increased volume of new bond offerings was absorbed at relatively stable interest rates until mid-December. At that point, the heavy current and forward calendars of new issues and some revision of market expectations regarding the future course of monetary policy and interest rates pushed long-term rates moderately higher. As a result, most bond rates were roughly one-quarter percentage point higher at the end of the quarter than at the beginning.

Mortgage interest rates trended downward during the quarter. The prevailing contract rate on conventional mortgage loans in the primary market fell from a record 8.95 per cent in September to 8.75 per cent in December. In the secondary market, average auction yields accepted by the Federal National Mortgage Association on Government-underwritten mortgages declined more than 60 basis points between September and January. The ceilings on Federal Housing Administration and Veterans Administration loans were lowered in January from  $8\frac{1}{2}$  per cent to  $8\frac{1}{4}$  per cent. Nevertheless, mortgage rates remained above this level, and in some States usury ceilings continued to constrain mortgage flows.

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# Staff Economic Studies

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*The research staffs of the Board of Governors of the Federal Reserve System and of the Federal Reserve Banks undertake studies that cover a wide range of economic and financial subjects, and other staff members prepare papers related to such subjects. In some instances the Federal Reserve System finances similar studies by members of the academic profession.*

*From time to time the results of studies that are of general interest to the economics profession and to others are summarized— or they may be printed in full— in this section of the Federal Reserve BULLETIN.*

*In all cases the analyses and conclusions set forth are those of the authors and do not necessarily indicate concurrence by the Board of Governors, by the Federal Reserve Banks, or by the members of their staffs.*

*Single copies of the full text of each of the studies or papers summarized in the BULLETIN are available in mimeographed form. The list of Federal Reserve Board publications at the back of each BULLETIN includes a separate section entitled "Staff Economic Studies" that enumerates the studies for which copies are currently available in that form.*

## Study Summary

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### **THE IMPACT OF HOLDING COMPANY ACQUISITIONS ON AGGREGATE CONCENTRATION IN BANKING**

*By Samuel H. Talley—Staff, Board of Governors  
Prepared as a staff paper in early 1974*

Acquisitions of banks by bank holding companies have accelerated sharply since about 1968, with most of the deposits having been acquired by the 100 largest banking organizations in the Nation. This development has revived a long-standing public concern over the possible emergence in banking of excessive aggregate concentration—generally defined as the percentage of total deposits held by a given number of the largest banking organizations in the Nation or in a State. The public's basic concern is that high levels of concentration will place excessive economic power in the hands of a relatively small number of banking organizations.

For purposes of the study, aggregate concentration in banking on the nationwide level was measured by the percentage of total domestic

deposits held by the 100 largest banking organizations; and on the statewide level by the percentage of total domestic deposits held by the 5 largest banking organizations in the State. The aim of the study was twofold: (1) to determine the changes in aggregate concentration on the nationwide and statewide levels between 1968 and 1973; and (2) to measure the impact of bank holding company acquisitions during the period on these concentration measures.

The study found that nationwide aggregate concentration fell from 49.0 to 47.0 per cent between 1968 and 1973. This decline resulted from the relatively slow internal growth of the 100 largest banking organizations in the Nation and occurred even though these organizations acquired banks during the period that held an

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aggregate of almost \$17 billion of deposits in 1973. If these holding company acquisitions had not taken place, nationwide concentration would have declined another 2.3 percentage points over the period.

Between 1968 and 1973, statewide concentration increased in 28 States, declined in 22, and remained constant in 1. Both the mean and the median changes in statewide concentration for the 50 States and the District of Columbia were slightly less than 1 percentage point. Acquisitions by holding companies increased concentration in 24 States, with increases in excess

of 10 percentage points occurring in 6 States. In States that permitted multibank expansion, the effects of holding company acquisitions varied with the type of branching allowed. Holding company acquisitions increased concentration in almost all unit banking and limited branching States, but in only about a third of the statewide branching States. Holding company acquisitions that increased statewide concentration occurred almost entirely in States with low or moderate concentration and had almost no impact in States with a high degree of concentration. □

# Revision of the Money Stock Measures and Member Bank Reserves and Deposits

In late January the Board of Governors released the annual revision of money stock measures and related items. At the same time it revised published data for member bank deposits and reserves.<sup>1</sup>

As usual, the revisions of the money stock and of related measures include both the regular updating of seasonal adjustment factors and the annual benchmark revision, which incorporates new estimates for nonmember domestic banks. But this year's revisions also incorporate data from new monthly reports filed by agencies and branches of foreign banks and other internationally oriented banking institutions. In addition, minor corrections were made in back data to adjust for changes in accounting procedures in connection with the transfer of foreign funds.

The revisions also incorporate, in addition to the usual June and December single-day nonmember bank benchmarks, single-day benchmarks from the March and October 1973 call

NOTE.—Darwin Beck and Joseph Sedransk of the Board's Division of Research and Statistics prepared this article.

<sup>1</sup>The money stock and related measures include  $M_1$  (private demand deposits adjusted plus currency);  $M_2$  ( $M_1$  plus commercial bank time and savings deposits other than large negotiable certificates of deposit); and  $M_3$  ( $M_2$  plus deposits at mutual savings banks and savings capital at savings and loan associations), as well as (1) large negotiable time CD's outstanding at weekly reporting banks and (2) U.S. Government deposits. Monthly and weekly data for these series are published in the BULLETIN and they also appear each week in the Board's H.6 press release.

Member bank reserves include total, nonborrowed, and required reserves at member banks, as well as reserves available to support private nonbank deposits (RPD's). Member bank deposits and related series include all deposits subject to reserve requirements (the credit proxy), the components of that total, consisting of time and savings deposits and private and U.S. Government demand deposits; and the adjusted credit proxy (total member bank deposits subject to reserve requirements plus Euro-dollar borrowing, bank-related commercial paper, and other nondeposit items). Current monthly data on the reserves and deposits series are published in the BULLETIN and monthly and weekly data appear in the Board's H.3 press release.

report data. Since the early 1960's benchmark data for nonmember banks had been available only for June and December. The benchmark adjustments for nonmember banks have been large in recent years, but the current revision incorporates the largest nonmember-bank-benchmark changes made in the history of the series and points up the serious need for more timely and more complete data for nonmember banks.

The Board's staff has been investigating alternative methods for using the single-day nonmember bank data to make weekly and monthly average estimates of nonmember bank deposits included in the money stock measures. While no new procedure has been incorporated in this revision, results of some of the preliminary work are described later in this article. The different rates of growth obtained from alternative estimating methods illustrate the degree of uncertainty in money stock estimates, given the present limited availability of nonmember bank statistics.

Revised monthly data back to January 1967, both seasonally adjusted and not seasonally adjusted, on the money stock and related measures and on member bank deposits and reserves are shown on pages 90, 91, and 94. Revised weekly data for  $M_1$  and  $M_2$  for 1973 are shown on pages 92 and 93. Monthly and weekly data for earlier years are available from the Banking Section, Division of Research and Statistics.

## EFFECTS OF THE REVISION

The nonmember-bank-benchmark adjustment raised the level of the money stock series \$1.0 billion in December 1972, \$2.0 billion in March 1973, and by nearly \$2.8 billion in both June and October of 1973. In addition, minor data corrections added from \$300 million to \$400 million to the level of  $M_1$  back to mid-1970. On the other hand, revised estimates of  $M_1$ -type deposits at internationally oriented banking in-



stitutions—that is, agencies and branches of foreign banks and foreign investment banking corporations—based on new monthly reports filed by these institutions in 1973, reduced the level of the money stock series by from about \$100 million starting in early 1967 to about \$1.0 billion in 1973. Thus, on balance, the level of the money stock series was lowered by amounts ranging from \$100 million to \$900 million from early 1967 to late 1972, raised by \$200 million in December 1972, and raised by from \$1.2 billion to \$2.5 billion in 1973.

Changes in member bank deposits and reserves were minor. Except for a modest adjustment that raised private demand and lowered interbank deposits, revisions in these series reflect changes in seasonal adjustment factors. The level of the RPD series was also raised slightly as a result of the upward adjustment in private member bank demand deposits.

Table 1 shows in percentage terms how much the revisions affected annual rates of change in

the money stock and credit proxy. Based on half-year comparisons, the revision raised the growth somewhat in the second half of 1972 and the first half of 1973. On the other hand, it lowered  $M_1$  growth slightly in the latter half of 1973. For 1973 as a whole  $M_1$  rose 5.7 per cent, measured from the last month of the year to the last month of the year. This is 0.7 of a percentage point higher than the rate of increase based on the old series.

Differences in monthly growth rates (Table 2) were somewhat larger than for longer-run periods. The largest difference occurred in January 1973, when the combination of the benchmark change and a change in the seasonal adjustment factor raised the growth rate about 5 percentage points—from -0.5 to 4.7 per cent. For other months of the year changes in growth rates were much smaller. Changes in the  $M_2$  and  $M_3$  growth rates were comparable to the changes in  $M_1$ . Only minor changes occurred in growth rates for the adjusted credit proxy.

**TABLE 1**  
CHANGES IN MONEY STOCK MEASURES AND THE ADJUSTED CREDIT PROXY

| Period        | Based on average levels in final months of periods |                |            |                |                       |                | Based on quarterly average <sup>1</sup> |                |
|---------------|--|----------------|------------|----------------|-----------------------|----------------|---|----------------|
|               | $M_1$  |                | $M_2$      |                | Adjusted credit proxy |                | $M_1$                                   |                |
|               | Old series   | Revised series | Old series | Revised series | Old series            | Revised series | Old series                              | Revised series |
| 1968 .....    | 7.8  | 7.8            | 9.3        | 9.4            | 9.5                   | 9.5            | 7.5                                     | 7.5            |
| 1969 .....    | 3.6  | 3.5            | 2.6        | 2.5            | .4                    | .4             | 4.2                                     | 4.2            |
| 1970 .....    | 6.0  | 6.0            | 8.4        | 8.4            | 8.2                   | 8.2            | 5.7                                     | 5.8            |
| 1971 .....    | 6.6  | 6.3            | 11.4       | 11.2           | 9.4                   | 9.4            | 6.9                                     | 6.6            |
| 1972 .....    | 8.3  | 8.7            | 10.8       | 11.1           | 11.6                  | 11.6           | 7.4                                     | 7.7            |
| 1973 .....    | 5.0  | 5.7            | 7.9        | 8.6            | 10.7                  | 10.6           | 5.2                                     | 6.1            |
| 1971—H1 ..... | 10.1   | 9.9            | 14.9       | 14.8           | 10.1                  | 10.0           | 8.9                                     | 8.7            |
| H2 .....      | 3.0  | 2.6            | 7.4        | 7.1            | 8.4                   | 8.4            | 4.7                                     | 4.3            |
| 1972—H1 ..... | 7.7  | 7.7            | 10.8       | 10.7           | 11.4                  | 11.2           | 7.0                                     | 6.8            |
| H2 .....      | 8.5  | 9.4            | 10.3       | 10.9           | 11.1                  | 11.3           | 7.6                                     | 8.4            |
| 1973—H1 ..... | 6.0  | 7.7            | 7.7        | 9.1            | 13.8                  | 13.8           | 5.8                                     | 7.3            |
| H2 .....      | 4.0  | 3.7            | 7.8        | 7.8            | 7.0                   | 7.0            | 4.5                                     | 4.7            |
| 1972—Q1 ..... | 9.2  | 9.0            | 12.7       | 12.3           | 11.0                  | 10.5           | 5.3                                     | 5.3            |
| Q2 .....      | 6.1  | 6.2            | 8.5        | 8.9            | 11.5                  | 11.6           | 8.5                                     | 8.2            |
| Q3 .....      | 8.2  | 8.7            | 10.3       | 10.8           | 9.8                   | 10.2           | 7.9                                     | 8.2            |
| Q4 .....      | 8.6  | 9.9            | 10.2       | 10.6           | 12.1                  | 12.1           | 7.2                                     | 8.4            |
| 1973—Q1 ..... | 1.7  | 3.8            | 5.7        | 6.9            | 15.0                  | 14.6           | 4.6                                     | 7.0            |
| Q2 .....      | 10.3   | 11.5           | 9.5        | 11.1           | 12.2                  | 12.6           | 6.9                                     | 7.5            |
| Q3 .....      | .3   | .2             | 5.1        | 5.2            | 10.5                  | 10.5           | 5.1                                     | 5.5            |
| Q4 .....      | 7.6  | 7.5            | 10.4       | 10.1           | 3.3                   | 3.3            | 3.9                                     | 3.9            |

<sup>1</sup>Annual rates of growth are measured from fourth-quarter average to fourth-quarter average. Half-year growth rates are measured from fourth- to second- and second- to fourth-quarter averages

**TABLE 2**  
COMPARISON OF MONEY STOCK GROWTH RATES (1973)

| Month     | $M_1$      |                | $M_2$      |                | $M_3$      |                |
|-----------|------------|----------------|------------|----------------|------------|----------------|
|           | Old series | Revised series | Old series | Revised series | Old series | Revised series |
| Jan. . .  | -5         | 4.7            | 6.4        | 9.4            | 9.8        | 11.7           |
| Feb. . .  | 6.1        | 5.6            | 5.9        | 6.1            | 9.0        | 9.1            |
| Mar. . .  | -5         | .9             | 4.7        | 5.2            | 6.9        | 7.2            |
| Apr. . .  | 7.5        | 6.0            | 8.1        | 8.3            | 8.4        | 8.6            |
| May . .   | 10.7       | 13.9           | 9.8        | 11.8           | 9.1        | 10.3           |
| June . .  | 12.4       | 14.2           | 10.4       | 12.8           | 10.4       | 11.9           |
| July . .  | 5.0        | 4.1            | 5.1        | 5.7            | 5.6        | 6.1            |
| Aug. . .  | -1.8       | -.9            | 6.4        | 6.3            | 4.2        | 4.1            |
| Sept. . . | -2.3       | -3.6           | 3.9        | 3.7            | 3.2        | 3.2            |
| Oct. . .  | 4.6        | 5.0            | 10.4       | 10.8           | 9.1        | 9.1            |
| Nov. . .  | 10.0       | 10.4           | 11.4       | 10.9           | 9.9        | 9.7            |
| Dec. . .  | 8.1        | 7.1            | 9.0        | 8.5            | 8.8        | 8.5            |

**SEASONAL FACTOR REVIEW OF MONEY STOCK MEASURES**

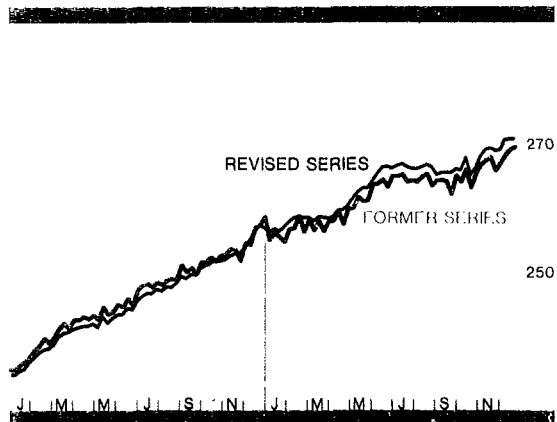
Revisions in monthly seasonal adjustment factors were minor this year. As shown in Table 3, seasonal factors for the demand deposit component of  $M_1$  for 1973 changed in only 2 months, January and July. The January factor declined and the July factor increased. The seasonal adjustment factors for the currency component revised somewhat more, but these changes, associated with a smaller component

**TABLE 3**  
COMPARISON OF  $M_1$  SEASONAL ADJUSTMENT FACTORS (1973)

| Month               | Demand deposit component |                | Currency component |                |
|---------------------|--------------------------|----------------|--------------------|----------------|
|                     | Old series               | Revised series | Old series         | Revised series |
| January . . . . .   | 1.038                    | 1.036          | .994               | .994           |
| February . . . . .  | .990                     | .990           | .987               | .987           |
| March . . . . .     | .990                     | .990           | .990               | .990           |
| April . . . . .     | 1.009                    | 1.009          | .992               | .994           |
| May . . . . .       | .979                     | .979           | .995               | .996           |
| June . . . . .      | .990                     | .990           | 1.001              | 1.001          |
| July . . . . .      | .992                     | .994           | 1.008              | 1.008          |
| August . . . . .    | .983                     | .983           | 1.005              | 1.004          |
| September . . . . . | .993                     | .993           | .999               | .999           |
| October . . . . .   | .998                     | .998           | 1.000              | .999           |
| November . . . . .  | 1.006                    | 1.006          | 1.009              | 1.008          |
| December . . . . .  | 1.032                    | 1.032          | 1.018              | 1.016          |

of the  $M_1$  money stock, had little impact on the general movement of the series. Seasonal factors for time deposits other than CD's, a component of a broader money stock measure,  $M_2$ , were also reviewed. But again, the addition of one year's data and the benchmark revision had little impact on the monthly factors.

**MONEY STOCK**



Seasonally adjusted weekly averages of daily figures.

Weekly seasonal adjustment factors for all of the money stock components were reviewed, and as usual, the addition of one year of data tended to smooth the week-to-week changes in the series. In particular, as shown in Chart 1, the extent of month-end drops and of beginning-of-month bulges in the demand deposit component was reduced.

**BENCHMARK COMPONENT**

The money stock measures published by the Board are based on daily deposits of member banks reported weekly on a very current schedule. A substantial portion of the money stock measures, now more than 25 per cent of the demand deposit component of  $M_1$ , represents deposits at domestic nonmember banks. Inasmuch as these banks do not report on a current basis, a large portion of the money stock is estimated on the basis of single-day reports for benchmark dates filed by these institutions with the Federal Deposit Insurance Corporation. On the basis of these reports the Board has estimated the nonmember bank component of the

**TABLE 4**  
SOURCES OF SEASONALLY ADJUSTED  $M_1$  REVISION

| Month               | Old series | Revised series | Difference | Differences due to— |                     |                            |                    |
|---------------------|------------|----------------|------------|---------------------|---------------------|----------------------------|--------------------|
|                     |            |                |            | Seasonal factors    | Domestic non-member | International institutions | Other <sup>1</sup> |
| 1972—December ..... | 255.5      | 255.7          | .2         | ...                 | 1.0                 | -1.4                       | .6                 |
| 1973—January .....  | 255.4      | 256.7          | 1.3        | .4                  | 1.2                 | -.8                        | .5                 |
| February .....      | 256.7      | 257.9          | 1.2        | ...                 | 1.6                 | -.8                        | .4                 |
| March .....         | 256.6      | 258.1          | 1.5        | ...                 | 2.0                 | -.9                        | .4                 |
| April .....         | 258.2      | 259.4          | 1.2        | -.1                 | 2.1                 | -1.1                       | .3                 |
| May .....           | 260.5      | 262.4          | 1.9        | -.1                 | 2.4                 | -1.1                       | .7                 |
| June .....          | 263.2      | 265.5          | 2.3        | ...                 | 2.8                 | -.8                        | .3                 |
| July .....          | 264.3      | 266.4          | 2.1        | -.4                 | 2.9                 | -.8                        | .4                 |
| August .....        | 263.9      | 266.2          | 2.3        | .1                  | 2.8                 | -1.0                       | .4                 |
| September .....     | 263.4      | 265.4          | 2.0        | ...                 | 2.7                 | -1.1                       | .4                 |
| October .....       | 264.4      | 266.5          | 2.1        | .1                  | 2.7                 | -1.1                       | .4                 |
| November .....      | 266.6      | 268.8          | 2.2        | .1                  | 2.7                 | -1.1                       | .5                 |
| December .....      | 268.4      | 270.4          | 2.0        | .1                  | 2.6                 | -1.1                       | .4                 |

<sup>1</sup>Includes revisions due to changes in accounting procedures in connection with the transfer of foreign funds, other minor corrections, and rounding.

money stock and incorporated these estimates into the series.<sup>2</sup>

In the past benchmarking was done annually in connection with the review of seasonal adjustment factors. The latest revision, however, incorporates data from the March 28, 1973, and the October 17, 1973, "surprise" call reports. This is the first time since September 1962 that money stock data have been benchmarked to the surprise call reports. In the interim, data from the spring and fall call reports, although used for regulatory purposes, have not been available in sufficient detail to be used as quarterly benchmarks for the money stock. As indicated earlier, the latest nonmember bank revision is the largest in the history of the series. The December 1972 benchmark for nonmember banks raised the level of the series \$1.0 billion and the June 1973 benchmark raised the level an additional \$1.8 billion.

This revision also incorporates new measures of  $M_1$ -type deposits at internationally oriented banking institutions. Figures for such deposits are now available from reports filed monthly by these institutions with the Federal Reserve Bank of New York. The first of these reports was filed providing data for November 1972, but the

reports were not finalized until about mid-1973. Previously, estimates of the deposits of branches of foreign banks had been derived from June and December call report data.  $M_1$ -type data for agencies of foreign banks had been derived from monthly reports filed with the New York State Banking Department, and deposit-type liabilities of foreign investment banking institutions had been estimated from annual reports published by these firms.

The new monthly reports now being filed by these institutions indicate that the amounts of  $M_1$ -type liabilities of these institutions previously included in money stock measures had been overestimated. Hence it was necessary to re-estimate such liabilities for the period from January 1967 to October 1972. These new estimates lowered the level of  $M_1$  by from \$100 million to \$800 million over this period.

#### ALTERNATIVE BENCHMARKING PROCEDURES

In computing current weekly and monthly data for the money stock, estimates of demand deposits at nonmember banks are included in the deposit component, and estimates of vault cash at such institutions are excluded from currency outside the Treasury and the Federal Reserve in arriving at the currency component. Since actual data for nonmember bank deposits and

<sup>2</sup>Current benchmarking procedures are described later in the discussion of alternative procedures investigated by the staff.

vault cash, are not available on a current basis, estimates for these nonmember components are based initially on data for a subset of member banks.<sup>3</sup> Subsequently, when actual data for nonmember banks become available from call reports, they are used as benchmarks to revise the initial interim estimates.

The benchmarking procedure used to revise estimates of universe (member and nonmember) monetary aggregates made between call report dates utilizes the aggregate data for nonmember and "country" member banks for the most recent call report dates. To illustrate the basic features of the procedure, consider: (1) the situation—for example, in 1972—when only two call reports are available, and (2) the specific monetary aggregate estimated, demand deposits adjusted (DDA). From each call report the ratio  $R = (\text{Aggregate nonmember DDA}) / (\text{Aggregate country bank DDA})$  is determined. For example, in late 1972, the actual values of  $R$  for June 30, 1972, and December 31, 1971, are available ( $R_{\text{JUNE}}$  and  $R_{\text{DEC}}$ ). Moreover, the estimated value of  $R$  for June 1972,  $\hat{R}_{\text{JUNE}}$ , is also known. Apart from adjustments made to account for structure changes (for example, conversion of member to nonmember banks) and other known factors (for example, changes in accounting practices associated with revised Regulation J) the difference between  $R_{\text{JUNE}}$  and  $\hat{R}_{\text{JUNE}}$  is distributed over the 26-week period between December 31, 1971, and June 30, 1972.

The use of the ratios,  $R$ , for benchmarking may be questioned because each ratio is based on a single day of data. That is, on a particular call report day, either the nonmember or the country bank (or both) aggregate DDA may not be a "representative" value. For nonmember banks the observed value may be aberrant relative to the (unobserved) sequence of values of nonmember bank aggregate DDA for the days and weeks close to the call report. The same phenomenon may occur with the daily sequence of values of country member bank aggregate DDA. Thus, for a particular call report day, the ratio  $R$  may not be representative and because

of the absence of supporting nonmember bank data, this aberration will not be detected.

A possible alternative to the single-day benchmarking procedure is to fit a model to the historical sequence of semiannual ratios,  $R$ . If the model provides a satisfactory representation, then it may be used to "smooth" the observed sequence of values of  $R$ . Such a procedure is particularly useful when, as here, aberrant observations are likely to occur. Thus, for the desired call report day, the value of the ratio predicted by the model may be used: (1) in lieu of the actual (observed) ratio for the call report day; or (2) to adjust the actual (observed) ratio for the call report day.

A large number of models have been fitted, their properties assessed, and their implications studied. To illustrate some of the possibilities, three of these models are described in the Technical Appendix. The first of these models simply fits a trend line to the semiannual observed ratios, June 1967 to June 1973. This model expresses the ratio at the time  $t$ ,  $R_t$ , as a quadratic function of time. While the over-all agreement of the reported values with those predicted by this model is good, the model also displayed certain characteristics that indicated that important factors affecting the ratios may have been left out. Since it has been observed that monetary policy affects the growth of member and nonmember deposits in differing degrees, the 90-day Treasury bill rate was introduced as a rough proxy measure of monetary policy restraint or ease. In the second model,  $R_t$  is represented as a quadratic function of time and as a linear function of the average 90-day Treasury bill rate for the preceding half-year. In the third model, the change in the average 90-day Treasury bill rate is substituted for the level of the bill rate.

Table 5 shows—for purposes of illustration—half-year growth rates for the standard revised series, the trend line model, and the models that include interest rate variables. Growth rates are shown for the period 1971–73. As the table shows, differences in half-year growth rates are substantial—more than 1.0 per cent in some cases. Although these models exhibit different money stock patterns in the short run, they show similar patterns in the long run. As indicated, these models are primarily

<sup>3</sup>Currently this subset is based on the group of banks that were classified as "country banks" prior to Nov. 9, 1972. In this article, "country banks" refers to this subset of member banks.

**TABLE 5**

COMPARISON OF MONEY STOCK GROWTH RATES  
BY USING ALTERNATIVE BENCHMARKING  
PROCEDURES

| Half-year | Standard revised series | Alternative trend line (ATL) series | ATL plus 90-day Treasury bill rate | ATL plus change in 90-day Treasury bill rate |
|-----------|-------------------------|-------------------------------------|------------------------------------|--|
| 1971—H1   | 9.9                     | 11.0                                | 10.4                               | 10.4   |
| H2        | 2.6                     | 1.8                                 | 2.1                                | 2.8  |
| 1972—H1   | 7.7                     | 7.5                                 | 7.2                                | 7.0  |
| H2        | 9.4                     | 9.7                                 | 10.2                               | 10.1   |
| 1973—H1   | 7.7                     | 6.6                                 | 7.3                                | 6.7  |
| H2        | 3.7                     | 4.1                                 | 4.9                                | 4.1  |

for illustrative purposes and one must be cautious about drawing conclusions from this analysis. All produce somewhat different results, and they indicate the area of uncertainty in current money stock estimates in view of the very limited availability of nonmember bank data.

### REVISION OF MEMBER BANK DEPOSITS AND RESERVES

As was noted earlier, the revision of member bank deposits and reserves reflects primarily changes in seasonal adjustment factors based on the addition of one year's data. Private demand deposits of member banks were raised slightly from mid-1970 to date, and net interbank deposits were lowered by a like amount due to changes in accounting procedures associated with the transfer of international funds. The revision of private demand deposits is also reflected in slightly higher RPD's.

The offsetting revisions described above were applied to two member bank deposit components of the adjusted bank credit proxy—private demand deposits and net interbank deposits—and therefore had no effect on the level of the credit proxy series. All of the changes in growth rates for the adjusted credit proxy series shown in Table 1 are attributable to the revised seasonal adjustment factors. As the table shows, the revisions were minor, and they had little effect on annual rates of change. The biggest change was a one-half percentage point reduction in the growth rate in the first quarter of 1972. Seasonal adjustment factors for components of member bank deposits subject to reserves were also

revised, but these changes were minor and had little effect on the profile of the seasonally adjusted series.

### MEMBER BANK RESERVES

In the past, seasonally adjusted required reserves of member banks have been derived by multiplying seasonally adjusted member bank deposits by the average reserve ratio for all member banks, and adding to this derived series reserves held against nondeposit-type funds such as commercial paper and Euro-dollar borrowings. Seasonally adjusted total reserves were derived by adding seasonally adjusted excess reserves to seasonally adjusted required reserves. Seasonally adjusted nonborrowed reserves were obtained by subtracting seasonally adjusted borrowings from seasonally adjusted total reserves.

During the past year the implementation of the revision of Regulation J, effective November 9, 1972, and the seasonal borrowing privilege, effective April 19, 1973, created discontinuities in current and historical data. In connection with the Regulation J revision, penalties for reserve deficiencies associated with the change in Regulation J for certain member banks were waived for a transition period from November 1972 to June 1974. In November 1972 these allowable waivers amounted to about \$450 million. Over the course of time, allowable waivers have declined to about \$70 million at the present time. "Seasonal" borrowing increased gradually from April 1973 to a peak weekly average level of \$185 million in late August. Since then such borrowing has declined steadily. In addition, when historical data for excess reserves and borrowings are reviewed with new statistical tests and techniques, any underlying seasonal pattern in either of these series is so overpowered by cyclical and random movements in the series that measurement is virtually impossible.

In light of the distortions in the current series as well as the new evidence questioning the measurability of seasonal movements in the historical series, we have not attempted to make seasonal adjustments in the current series for excess reserves and borrowings and have dropped the seasonal adjustment of historical data.

We continue to make seasonal adjustments in required reserves as described above. Seasonally adjusted total reserves are then derived by adding the unadjusted excess reserves to seasonally adjusted required reserves, while seasonally adjusted nonborrowed reserves are derived by subtracting unadjusted borrowings from total reserves. RPD's are derived by applying appropriate reserve requirement ratios to

seasonally adjusted private demand and time deposits and adding reserves against nondeposit funds and excess reserves not seasonally adjusted.

The above changes had little effect on longer-run growth rate comparisons—that is, annual, half-year, and quarterly—but in some instances the impact on month-to-month changes was substantial.

**TECHNICAL APPENDIX**

This Appendix discusses a possible alternative to the current nonmember benchmarking procedure. This alternative is to fit models to the historical sequence of ratios,  $R$  [ $R = (\text{Aggregate nonmember DDA}) / (\text{Aggregate country bank}^1 \text{ DDA})$ ], as determined from the semiannual call reports. Then, for any specified call report day, the value of the ratio predicted by the model may be used in lieu of the observed ratio, or to adjust the observed ratio.

**TABLE A-1**

OBSERVED VALUES OF THE RATIO  $R_t$   
December 1961 through October 1973

| Call report date  | $R_t$ | Call report date | $R_t$ |
|-------------------|-------|------------------|-------|
| December 1961...  | 50.25 | June 1968        | 56.14 |
| June 1962.....    | 50.61 | December 1968..  | 57.30 |
| December 1962...  | 50.71 | June 1969.....   | 59.69 |
| June 1963.....    | 51.03 | December 1969... | 61.36 |
| December 1963...  | 51.60 | June 1970.....   | 61.78 |
| June 1964.....    | 51.68 | December 1970..  | 63.07 |
| December 1964.... | 53.13 | June 1971.....   | 63.65 |
| June 1965.....    | 52.67 | December 1971... | 65.85 |
| December 1965...  | 54.14 | June 1972.....   | 68.08 |
| June 1966.....    | 53.96 | December 1972..  | 69.53 |
| December 1966...  | 54.97 | March 1973.....  | 72.30 |
| June 1967.....    | 54.71 | June 1973.....   | 73.57 |
| December 1967.... | 55.62 | October 1973.... | 73.61 |

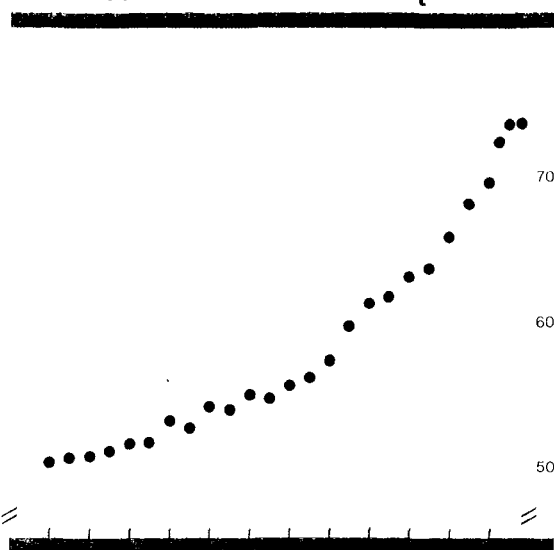
NOTE— $R_t = (\text{Aggregate nonmember DDA}) / (\text{Aggregate country bank DDA})$ .

Semiannual values of  $R$  are available through June 1973, while values of  $R$  for March and October 1973 have also been obtained. To illustrate the historical sequence, the values of  $R$  from December 1961 through October 1973 are presented in Table A-1 and plotted in Chart A-1.

In this investigation a large number of models have been considered, three of which are presented below. Better results were obtained by considering the sequence of ratios starting with June 1967, and

<sup>1</sup>See footnote 3, p. 85.

**CHART A-1**  
**Observed Values of the Ratio  $R_t$**



the illustrative models exhibit this choice. A further question relates to the values of  $R$  for the March 1973 and October 1973 "surprise" call reports. Without previous experience with such call reports, it is difficult to assess their comparability with the historical sequence of semiannual (June and December) call reports. Thus, models have been "fit" both including and excluding the values of  $R$  for March 1973 and October 1973.

The three illustrative models express the ratio at time  $t$ ,  $R_t$ , as a function of  $t$  and of other independent variables. In each case, the data used to estimate the parameters of the model consist of the values of  $R_t$  for the period June 1967 through June 1973 (the value of  $R_t$  for March 1973 is omitted).

The first model expresses  $R_t$  as a quadratic function of  $t$ . The fitted model is

$$\hat{R}_{t1} = 54.13 + 0.6518t + 0.0577t^2 \quad (1)$$

The observed values ( $R_t$ ), fitted values ( $\hat{R}_t$ ), and deviations ( $R_t - \hat{R}_t$ ) are given in Table A-2, and plotted in Chart A-2. While the over-all fit of Equation 1 is good (the coefficient of determination,  $R^2$ , is 0.98), the deviations show runs of pluses and minuses. This suggests that there are additional factors affecting  $R_t$  that have not been included in the model. Note that the estimated standard deviation of the residuals,  $s$ , is 0.79.

The second model represents  $R_t$  as a quadratic function of time and as a linear function of the average 90-day Treasury bill rate for the preceding half-year. One possible hypothesis is that policy has a more pronounced impact on member than on nonmember banks. Thus when policy becomes, say, tighter, the ratio  $R$  may rise. (This is predicated on an assumption that customers of member banks are more interest sensitive since member banks tend to be located near financial centers.) Consequently, the level of interest rates was included in the model as a proxy for the stance of policy.

The fitted model is

$$\hat{R}_{t2} = 51.81 + 0.3543t + 0.0795t^2 + 0.5794X_t \quad (2)$$

where  $X_t$  is the average Treasury bill rate. The fitted values and deviations are given in Table A-2, and plotted in Chart A-2. Note that both the over-all fit of Equation 2 is good ( $R^2 = 0.995$ ),

and the "fit" for the individual points is exceptionally good. The estimated standard deviation of the residuals is 0.46.

The third model represents  $R_t$  as a quadratic function of time and as a linear function of the change,  $C_t$ , in the average 90-day Treasury bill rate. Here  $C_t = X_t - X_{t-1}$  where  $X_t$  is the average Treasury bill rate for the preceding half-year. The specification in the second model would be appropriate if it were believed that the differential impact of policy on deposit flows were permanent. One alternative hypothesis is that both types of banks experience the same sort of deposit response over time. However, member banks feel the impact of policy sooner than nonmember banks. This notion would suggest specifying the interest rate variable as a change from the previous period. Thus when rates rise and stay at a new level for an extended time, the model would predict a rise and then a fall back to the (quadratic) trend line in the next period when the value of the change variable became zero.

Such a model has been fit, and

$$\hat{R}_{t3} = 53.92 + 0.7441t + 0.0503t^2 + 0.3842C_t \quad (3)$$

The fitted values and deviations are given in Table A-2, and plotted in Chart A-2. Again, the over-all fit of Equation 3 is good ( $R^2 = 0.99$ ). The value of  $s$  is 0.70.

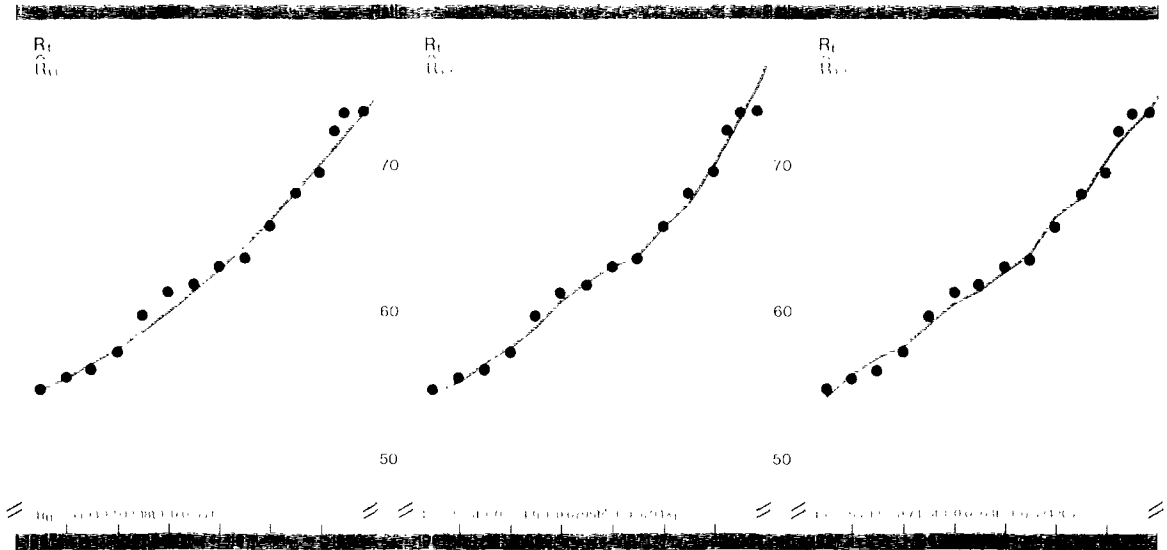
TABLE A-2

OBSERVED VALUES, FITTED VALUES, AND DEVIATIONS OF RATIOS<sup>1</sup>  
June 1967 through December 1973

| Call report date | $R_t$ | $\hat{R}_{t1}$ | $R_t - \hat{R}_{t1}$ | $\hat{R}_{t2}$ | $R_t - \hat{R}_{t2}$ | $\hat{R}_{t3}$ | $R_t - \hat{R}_{t3}$ |
|------------------|-------|----------------|----------------------|----------------|----------------------|----------------|----------------------|
| June 1967        | 54.71 | 54.84          | -.13                 | 54.61          | .10                  | 54.32          | .39                  |
| December 1967    | 55.62 | 55.67          | -.05                 | 55.45          | .17                  | 55.78          | -.16                 |
| June 1968        | 56.14 | 56.61          | -.47                 | 56.64          | -.50                 | 56.90          | -.76                 |
| December 1968    | 57.30 | 57.66          | -.36                 | 57.62          | -.32                 | 57.75          | -.45                 |
| June 1969        | 59.69 | 58.83          | .86                  | 59.12          | .57                  | 59.19          | .50                  |
| December 1969    | 61.36 | 60.12          | 1.24                 | 60.95          | .41                  | 60.60          | .76                  |
| June 1970        | 61.78 | 61.52          | .26                  | 62.17          | -.39                 | 61.49          | .29                  |
| December 1970    | 63.07 | 63.04          | .03                  | 63.11          | -.04                 | 62.70          | .37                  |
| June 1971        | 63.65 | 64.67          | -1.02                | 63.77          | .12                  | 64.01          | -.36                 |
| December 1971    | 65.85 | 66.42          | -.57                 | 65.97          | -.12                 | 66.62          | -.77                 |
| June 1972        | 68.08 | 68.28          | -.20                 | 67.40          | .68                  | 67.81          | -.27                 |
| December 1972    | 69.53 | 70.26          | -.73                 | 70.13          | -.60                 | 70.46          | -.93                 |
| March 1973       | 72.30 | 71.29          | 1.01                 | 71.71          | .59                  | 71.59          | .71                  |
| June 1973        | 73.57 | 72.36          | 1.21                 | 73.40          | .17                  | 72.72          | .85                  |
| October 1973     | 73.61 | 73.45          | .16                  | 75.39          | -1.78                | 73.98          | -.37                 |
| December 1973    | ...   | 74.56          | ...                  | 76.92          | ...                  | 74.88          | ...                  |

<sup>1</sup>The observed and fitted values of the ratio,  $R$ , at time  $t$  are denoted by  $R_t$  and  $\hat{R}_t$ , respectively.  $\hat{R}_{tj}$  refers to the fitted values of  $R$  as determined from formula (j) in the text.

**CHART A-2**  
**Observed and Fitted Values of the Ratios**





MONEY STOCK—SEASONALLY ADJUSTED

In billions of dollars (for footnotes see page 95)

| Year and month | Over-all measures                                      |   |  | Components and related items |        |                              |                  |       |       | Nonbank thrift institutions <sup>5</sup> |
|----------------|--|---|--|------------------------------|--------|------------------------------|------------------|-------|-------|--|
|                | $M_1$<br>(Currency plus demand deposits <sup>1</sup> ) | $M_2$<br>( $M_1$ plus time deposits at coml. banks other than large CD's <sup>2</sup> ) | $M_3$<br>( $M_2$ plus nonbank thrift institutions <sup>3</sup> ) | Currency                     | Demand | Deposits at commercial banks |                  |       |       |  |
|                |  |   |  |                              |        | CD's <sup>4</sup>            | Time and savings |       |       |  |
|                |  |   |  |                              |        |                              | Other            | Total |       |  |
| 1967—January   | 175.3  | 319.3   | 487.8  | 38.5                         | 136.8  | 17.4                         | 143.9            | 161.3 | 168.5 |  |
| February       | 177.1  | 322.9   | 492.8  | 38.7                         | 138.4  | 18.4                         | 145.8            | 164.2 | 169.8 |  |
| March          | 178.4  | 325.8   | 496.8  | 38.9                         | 139.6  | 19.0                         | 147.3            | 166.3 | 171.0 |  |
| April          | 177.8  | 327.3   | 499.8  | 39.0                         | 138.8  | 19.0                         | 149.5            | 168.5 | 172.5 |  |
| May            | 179.6  | 331.2   | 505.4  | 39.1                         | 140.5  | 19.0                         | 151.6            | 170.6 | 174.1 |  |
| June           | 181.1  | 334.6   | 510.2  | 39.2                         | 141.8  | 19.5                         | 153.5            | 173.1 | 175.6 |  |
| July           | 182.5  | 337.8   | 514.9  | 39.4                         | 143.1  | 19.6                         | 155.4            | 175.0 | 177.1 |  |
| August         | 183.5  | 340.8   | 519.4  | 39.5                         | 144.0  | 20.0                         | 157.3            | 177.3 | 178.6 |  |
| September      | 184.6  | 343.5   | 523.4  | 39.8                         | 144.9  | 20.2                         | 158.8            | 179.0 | 179.9 |  |
| October        | 185.6  | 345.8   | 527.0  | 39.9                         | 145.6  | 20.2                         | 160.3            | 180.4 | 181.1 |  |
| November       | 186.2  | 347.8   | 530.0  | 40.0                         | 146.2  | 20.4                         | 161.6            | 182.0 | 182.2 |  |
| December       | 186.9  | 349.7   | 532.8  | 40.4                         | 146.5  | 20.4                         | 162.7            | 183.1 | 183.1 |  |
| 1968—January   | 187.7  | 351.3   | 535.4  | 40.6                         | 147.1  | 20.7                         | 163.7            | 184.4 | 184.0 |  |
| February       | 188.7  | 354.1   | 539.0  | 40.7                         | 148.0  | 20.8                         | 165.3            | 186.1 | 184.9 |  |
| March          | 189.5  | 356.1   | 541.9  | 41.1                         | 148.4  | 20.6                         | 166.7            | 187.3 | 185.8 |  |
| April          | 190.4  | 358.0   | 544.6  | 41.4                         | 149.1  | 20.1                         | 167.6            | 188.4 | 186.5 |  |
| May            | 192.3  | 360.8   | 548.1  | 41.5                         | 150.8  | 20.0                         | 168.5            | 189.4 | 187.3 |  |
| June           | 194.0  | 363.1   | 551.3  | 41.8                         | 152.2  | 19.9                         | 169.1            | 189.0 | 188.2 |  |
| July           | 195.2  | 365.2   | 554.3  | 42.0                         | 153.1  | 21.0                         | 170.1            | 191.1 | 189.1 |  |
| August         | 196.1  | 368.8   | 558.9  | 42.3                         | 153.8  | 21.7                         | 172.6            | 194.3 | 190.1 |  |
| September      | 197.3  | 371.8   | 563.0  | 42.6                         | 154.6  | 22.1                         | 174.5            | 196.6 | 191.2 |  |
| October        | 198.5  | 375.1   | 567.6  | 42.8                         | 155.7  | 22.8                         | 176.7            | 199.4 | 192.4 |  |
| November       | 200.3  | 379.1   | 572.8  | 43.2                         | 157.1  | 23.0                         | 178.9            | 201.9 | 193.7 |  |
| December       | 201.5  | 382.4   | 577.1  | 43.4                         | 158.1  | 23.3                         | 180.9            | 204.2 | 194.7 |  |
| 1969—January   | 202.7  | 384.7   | 580.4  | 43.6                         | 159.1  | 21.5                         | 182.0            | 203.4 | 195.7 |  |
| February       | 204.0  | 386.6   | 583.3  | 43.9                         | 160.1  | 20.1                         | 182.6            | 202.8 | 196.7 |  |
| March          | 204.7  | 388.2   | 585.7  | 44.1                         | 160.6  | 19.0                         | 183.5            | 202.5 | 197.5 |  |
| April          | 205.5  | 389.5   | 587.4  | 44.2                         | 161.3  | 18.5                         | 184.0            | 202.5 | 197.9 |  |
| May            | 206.2  | 390.5   | 588.8  | 44.4                         | 161.7  | 17.7                         | 184.3            | 202.1 | 198.3 |  |
| June           | 206.9  | 391.8   | 590.8  | 44.7                         | 162.2  | 16.3                         | 184.9            | 201.2 | 199.0 |  |
| July           | 207.6  | 391.3   | 590.6  | 44.9                         | 162.7  | 14.2                         | 183.8            | 198.0 | 199.3 |  |
| August         | 207.1  | 390.3   | 589.9  | 45.2                         | 161.9  | 12.6                         | 183.2            | 195.8 | 199.6 |  |
| September      | 207.5  | 390.6   | 591.0  | 45.3                         | 162.2  | 11.7                         | 183.1            | 194.9 | 200.4 |  |
| October        | 208.1  | 391.2   | 592.0  | 45.6                         | 162.5  | 11.2                         | 183.1            | 194.3 | 200.8 |  |
| November       | 208.7  | 392.2   | 593.5  | 45.9                         | 162.8  | 10.9                         | 183.6            | 194.4 | 201.3 |  |
| December       | 208.6  | 392.1   | 593.8  | 46.1                         | 162.5  | 10.9                         | 183.5            | 194.4 | 201.7 |  |
| 1970—January   | 210.4  | 393.1   | 594.6  | 46.3                         | 164.1  | 10.4                         | 182.7            | 193.1 | 201.5 |  |
| February       | 210.0  | 392.4   | 593.7  | 46.5                         | 163.5  | 10.6                         | 182.4            | 193.0 | 201.4 |  |
| March          | 211.7  | 395.2   | 597.1  | 46.8                         | 165.0  | 11.6                         | 183.5            | 195.1 | 201.8 |  |
| April          | 213.3  | 398.7   | 601.4  | 47.0                         | 166.3  | 13.2                         | 185.4            | 198.6 | 202.7 |  |
| May            | 214.3  | 401.2   | 604.9  | 47.6                         | 166.8  | 13.5                         | 186.9            | 200.4 | 203.7 |  |
| June           | 215.0  | 403.3   | 608.0  | 47.6                         | 167.4  | 13.7                         | 188.2            | 201.9 | 204.8 |  |
| July           | 216.0  | 407.1   | 613.5  | 47.9                         | 168.1  | 17.0                         | 191.2            | 208.2 | 206.3 |  |
| August         | 217.2  | 411.7   | 619.8  | 48.1                         | 169.2  | 19.1                         | 194.4            | 213.6 | 208.2 |  |
| September      | 219.1  | 415.7   | 625.7  | 48.2                         | 170.8  | 21.1                         | 196.7            | 217.8 | 209.9 |  |
| October        | 219.8  | 419.0   | 631.0  | 48.5                         | 171.3  | 22.3                         | 199.2            | 221.5 | 212.0 |  |
| November       | 220.6  | 421.8   | 635.7  | 48.7                         | 171.9  | 23.5                         | 201.2            | 224.6 | 213.9 |  |
| December       | 221.2  | 425.2   | 641.2  | 49.1                         | 172.2  | 25.3                         | 203.9            | 229.2 | 216.1 |  |
| 1971—January   | 221.8  | 429.4   | 648.9  | 49.4                         | 172.4  | 26.5                         | 207.6            | 234.1 | 219.4 |  |
| February       | 224.2  | 436.5   | 659.7  | 49.8                         | 174.5  | 27.4                         | 212.3            | 239.6 | 223.2 |  |
| March          | 226.1  | 443.3   | 670.0  | 50.0                         | 176.1  | 28.3                         | 217.2            | 245.5 | 226.8 |  |
| April          | 227.8  | 447.8   | 678.5  | 50.5                         | 177.3  | 28.2                         | 220.0            | 248.2 | 230.7 |  |
| May            | 230.3  | 452.7   | 686.8  | 50.8                         | 179.6  | 28.8                         | 222.4            | 251.2 | 234.1 |  |
| June           | 232.2  | 456.7   | 693.8  | 51.0                         | 181.2  | 29.6                         | 224.5            | 254.1 | 237.0 |  |
| July           | 233.6  | 459.4   | 699.5  | 51.5                         | 182.1  | 30.4                         | 225.9            | 256.3 | 240.1 |  |
| August         | 233.8  | 461.2   | 704.0  | 51.6                         | 182.2  | 30.5                         | 227.4            | 257.9 | 242.8 |  |
| September      | 234.1  | 462.9   | 708.5  | 51.9                         | 182.2  | 31.3                         | 228.8            | 260.1 | 245.6 |  |
| October        | 234.9  | 466.5   | 715.0  | 52.2                         | 182.7  | 32.1                         | 231.6            | 263.8 | 248.5 |  |
| November       | 234.8  | 469.5   | 720.7  | 52.3                         | 182.5  | 32.1                         | 234.7            | 266.7 | 251.3 |  |
| December       | 235.2  | 473.0   | 726.9  | 52.6                         | 182.6  | 33.0                         | 237.9            | 270.9 | 253.9 |  |
| 1972—January   | 235.5  | 477.3   | 735.2  | 52.9                         | 182.6  | 33.4                         | 241.8            | 275.2 | 257.9 |  |
| February       | 238.2  | 482.9   | 745.0  | 53.2                         | 184.9  | 33.9                         | 244.7            | 278.7 | 262.1 |  |
| March          | 240.5  | 487.6   | 753.5  | 53.6                         | 186.9  | 33.7                         | 247.1            | 280.7 | 265.9 |  |
| April          | 242.0  | 490.6   | 760.0  | 53.8                         | 188.2  | 35.1                         | 248.5            | 283.6 | 269.4 |  |
| May            | 242.8  | 494.1   | 766.5  | 54.1                         | 188.7  | 36.5                         | 251.3            | 287.9 | 272.4 |  |
| June           | 244.2  | 498.4   | 774.1  | 54.3                         | 189.8  | 37.4                         | 254.3            | 291.7 | 275.7 |  |
| July           | 246.6  | 503.7   | 783.3  | 54.6                         | 192.0  | 37.9                         | 257.1            | 295.0 | 279.6 |  |
| August         | 247.9  | 507.8   | 791.1  | 54.9                         | 193.0  | 38.7                         | 259.9            | 298.6 | 283.2 |  |
| September      | 249.5  | 511.9   | 798.8  | 55.3                         | 194.2  | 39.8                         | 262.4            | 302.1 | 286.9 |  |
| October        | 251.3  | 516.6   | 807.2  | 55.8                         | 195.6  | 40.2                         | 265.3            | 305.5 | 290.6 |  |
| November       | 252.6  | 520.1   | 813.9  | 56.3                         | 196.3  | 41.9                         | 267.5            | 309.4 | 293.8 |  |
| December       | 255.7  | 525.5   | 822.4  | 56.9                         | 198.7  | 43.4                         | 269.9            | 313.3 | 296.9 |  |
| 1973—January   | 256.7  | 529.6   | 830.4  | 57.1                         | 199.6  | 44.7                         | 272.8            | 317.6 | 300.8 |  |
| February       | 257.9  | 532.3   | 836.7  | 57.5                         | 200.4  | 49.1                         | 274.4            | 323.5 | 304.4 |  |
| March          | 258.1  | 534.6   | 841.7  | 58.0                         | 200.1  | 54.6                         | 276.6            | 331.1 | 307.0 |  |
| April          | 259.4  | 538.3   | 847.7  | 58.6                         | 200.8  | 58.4                         | 278.9            | 337.3 | 309.4 |  |
| May            | 262.4  | 543.6   | 855.0  | 58.9                         | 203.4  | 61.3                         | 281.3            | 342.6 | 311.4 |  |
| June           | 265.5  | 549.4   | 863.5  | 59.4                         | 206.2  | 62.0                         | 283.8            | 345.8 | 314.2 |  |
| July           | 266.4  | 552.0   | 867.9  | 59.5                         | 207.0  | 63.9                         | 285.6            | 349.4 | 315.9 |  |
| August         | 266.2  | 554.9   | 870.9  | 59.8                         | 206.4  | 66.3                         | 288.7            | 355.0 | 315.9 |  |
| September      | 265.4  | 556.6   | 873.2  | 60.2                         | 205.2  | 66.7                         | 291.2            | 357.9 | 316.6 |  |
| October        | 266.5  | 561.6   | 879.8  | 60.4                         | 206.1  | 63.8                         | 295.1            | 358.9 | 318.3 |  |
| November       | 268.8  | 566.7   | 886.9  | 60.9                         | 207.9  | 62.0                         | 297.8            | 359.9 | 320.2 |  |
| December       | 270.4  | 570.7   | 893.2  | 61.6                         | 208.8  | 62.8                         | 300.3            | 363.1 | 322.6 |  |



## MONEY STOCK—SEASONALLY ADJUSTED

In billions of dollars (for footnotes see page 95)

| Year and week-ending date | Over-all measures                                      |  | Components and related items |                              |                   |       |       |
|---------------------------|--|--|------------------------------|------------------------------|-------------------|-------|-------|
|                           | $M_1$<br>(Currency plus demand deposits <sup>1</sup> ) | $M_2$<br>( $M_1$ plus time dep. at coml. banks other than large time CD's <sup>2</sup> ) | Currency                     | Deposits at commercial banks |                   |       |       |
|                           |  |  |                              | Demand                       | Time and savings  |       |       |
|                           |  |  |                              |                              | CD's <sup>4</sup> | Other | Total |
| <b>1973</b>               |  |  |                              |                              |                   |       |       |
| January 3.....            | 256.7  | 528.8  | 56.6                         | 200.0                        | 43.8              | 272.1 | 315.9 |
| 10.....                   | 256.1  | 528.1  | 57.2                         | 198.9                        | 44.2              | 272.1 | 316.2 |
| 17.....                   | 256.6  | 529.6  | 57.2                         | 199.4                        | 44.2              | 273.1 | 317.3 |
| 24.....                   | 256.2  | 529.5  | 57.2                         | 199.0                        | 45.0              | 273.2 | 318.2 |
| 31.....                   | 256.9  | 530.6  | 57.1                         | 199.8                        | 46.0              | 273.7 | 319.7 |
| February 7.....           | 256.5  | 530.0  | 57.4                         | 199.1                        | 47.6              | 273.5 | 321.1 |
| 14.....                   | 258.3  | 532.8  | 57.5                         | 200.8                        | 48.6              | 274.5 | 323.1 |
| 21.....                   | 258.6  | 533.3  | 57.7                         | 200.9                        | 49.5              | 274.8 | 324.2 |
| 28.....                   | 258.3  | 533.4  | 57.6                         | 200.8                        | 50.9              | 275.1 | 325.9 |
| March 7.....              | 258.4  | 534.2  | 57.8                         | 200.6                        | 52.0              | 275.8 | 327.8 |
| 14.....                   | 257.8  | 533.7  | 57.9                         | 199.8                        | 54.2              | 275.9 | 330.1 |
| 21.....                   | 258.5  | 535.2  | 58.1                         | 200.4                        | 55.0              | 276.8 | 331.8 |
| 28.....                   | 258.4  | 535.7  | 58.1                         | 200.3                        | 56.0              | 277.4 | 333.4 |
| April 4.....              | 258.2  | 535.7  | 58.2                         | 200.0                        | 57.4              | 277.5 | 334.8 |
| 11.....                   | 258.6  | 536.3  | 58.6                         | 200.0                        | 58.4              | 277.8 | 336.1 |
| 18.....                   | 259.5  | 538.9  | 58.7                         | 200.8                        | 58.1              | 279.5 | 337.6 |
| 25.....                   | 259.6  | 539.0  | 58.8                         | 200.8                        | 58.7              | 279.4 | 338.1 |
| May 2.....                | 260.3  | 540.1  | 58.6                         | 201.7                        | 59.4              | 279.8 | 339.2 |
| 9.....                    | 261.4  | 541.5  | 59.0                         | 202.4                        | 60.7              | 280.1 | 340.8 |
| 16.....                   | 262.3  | 543.5  | 58.9                         | 203.4                        | 61.3              | 281.1 | 342.4 |
| 23.....                   | 262.9  | 544.7  | 59.0                         | 203.9                        | 61.7              | 281.8 | 343.5 |
| 30.....                   | 263.0  | 545.2  | 59.0                         | 203.9                        | 62.0              | 282.3 | 344.2 |
| June 6.....               | 264.1  | 547.2  | 59.2                         | 204.9                        | 61.3              | 283.1 | 344.4 |
| 13.....                   | 265.3  | 548.8  | 59.4                         | 205.9                        | 62.0              | 283.5 | 345.5 |
| 20.....                   | 266.3  | 550.2  | 59.4                         | 206.9                        | 61.8              | 283.9 | 345.7 |
| 27.....                   | 266.3  | 550.5  | 59.4                         | 207.0                        | 62.4              | 284.1 | 346.5 |
| July 4.....               | 266.1  | 550.9  | 59.3                         | 206.8                        | 62.9              | 284.8 | 347.7 |
| 11.....                   | 266.5  | 551.4  | 59.5                         | 207.1                        | 63.2              | 284.9 | 348.1 |
| 18.....                   | 266.8  | 552.4  | 59.5                         | 207.4                        | 63.6              | 285.5 | 349.1 |
| 25.....                   | 266.3  | 552.2  | 59.5                         | 206.8                        | 64.4              | 285.9 | 350.3 |
| August 1.....             | 266.1  | 553.0  | 59.4                         | 206.6                        | 64.9              | 286.9 | 351.8 |
| 8.....                    | 266.0  | 553.7  | 59.8                         | 206.2                        | 65.6              | 287.7 | 353.3 |
| 15.....                   | 266.3  | 554.4  | 59.8                         | 206.6                        | 66.4              | 288.1 | 354.5 |
| 22.....                   | 266.7  | 555.8  | 59.9                         | 206.8                        | 66.5              | 289.1 | 355.6 |
| 29.....                   | 266.3  | 555.7  | 59.9                         | 206.4                        | 66.6              | 289.4 | 356.0 |
| September 5.....          | 265.1  | 555.7  | 59.9                         | 205.2                        | 66.5              | 290.6 | 357.1 |
| 12.....                   | 265.4  | 556.1  | 60.1                         | 205.3                        | 66.8              | 290.7 | 357.4 |
| 19.....                   | 265.4  | 556.4  | 60.1                         | 205.3                        | 67.4              | 291.0 | 358.4 |
| 26.....                   | 265.4  | 557.1  | 60.1                         | 205.3                        | 66.7              | 291.7 | 358.4 |
| October 3.....            | 266.0  | 558.8  | 60.2                         | 205.8                        | 65.2              | 292.8 | 358.0 |
| 10.....                   | 265.8  | 559.9  | 60.7                         | 205.1                        | 64.0              | 294.0 | 358.0 |
| 17.....                   | 267.8  | 562.7  | 60.4                         | 207.5                        | 63.5              | 294.8 | 358.3 |
| 24.....                   | 265.1  | 560.9  | 60.5                         | 204.6                        | 63.7              | 295.8 | 359.5 |
| 31.....                   | 266.2  | 562.2  | 60.2                         | 206.1                        | 63.5              | 296.0 | 359.5 |
| November 7.....           | 268.1  | 565.7  | 60.7                         | 207.4                        | 62.5              | 297.6 | 360.1 |
| 14.....                   | 269.1  | 567.2  | 60.9                         | 208.2                        | 61.9              | 298.1 | 360.0 |
| 21.....                   | 269.4  | 566.8  | 61.1                         | 208.3                        | 61.9              | 297.4 | 359.3 |
| 28.....                   | 269.0  | 567.2  | 61.0                         | 208.0                        | 61.9              | 298.2 | 360.1 |
| December 5.....           | 269.1  | 568.2  | 61.0                         | 208.1                        | 61.7              | 299.1 | 360.8 |
| 12.....                   | 270.7  | 569.7  | 61.5                         | 209.2                        | 63.0              | 298.9 | 361.9 |
| 19.....                   | 270.9  | 571.8  | 61.6                         | 209.4                        | 62.2              | 300.9 | 363.1 |
| 26.....                   | 271.0  | 571.6  | 62.0                         | 208.9                        | 63.0              | 300.7 | 363.7 |

MONEY STOCK—NOT SEASONALLY ADJUSTED

In billions of dollars (for footnotes see page 95)

| Year and week-ending date | Over-all measures  |  | Components and related items |                              |                   |       |       | U.S. Govt. deposits <sup>6</sup> |
|---------------------------|--|--|------------------------------|------------------------------|-------------------|-------|-------|----------------------------------|
|                           | <i>M</i> <sub>1</sub><br>(Currency plus demand deposits <sup>1</sup> ) | <i>M</i> <sub>2</sub><br>( <i>M</i> <sub>1</sub> plus time dep. at coml. banks other than large time CD's <sup>2</sup> ) | Currency                     | Deposits at commercial banks |                   |       |       |                                  |
|                           |  |  |                              | Demand                       | Time and savings  |       |       |                                  |
|                           |  |  |                              |                              | CD's <sup>4</sup> | Other | Total |                                  |
| 1973                      |  |  |                              |                              |                   |       |       |                                  |
| January 3                 | 271.3  | 542.2  | 57.4                         | 213.9                        | 43.9              | 270.8 | 314.8 | 10.4                             |
| 10                        | 267.6  | 538.2  | 57.6                         | 210.0                        | 44.8              | 270.6 | 315.5 | 7.5                              |
| 17                        | 265.8  | 537.7  | 57.0                         | 208.8                        | 44.9              | 271.9 | 316.8 | 5.9                              |
| 24                        | 260.2  | 532.4  | 56.4                         | 203.8                        | 45.4              | 272.2 | 317.6 | 8.0                              |
| 31                        | 256.4  | 529.7  | 55.9                         | 200.5                        | 45.8              | 273.3 | 319.1 | 10.1                             |
| February 7                | 256.8  | 529.8  | 56.8                         | 200.0                        | 47.1              | 273.0 | 320.1 | 8.8                              |
| 14                        | 255.8  | 530.4  | 57.0                         | 198.7                        | 48.0              | 274.6 | 322.6 | 9.1                              |
| 21                        | 255.2  | 530.3  | 56.9                         | 198.3                        | 49.0              | 275.0 | 324.0 | 10.9                             |
| 28                        | 252.9  | 528.7  | 56.4                         | 196.5                        | 50.5              | 275.8 | 326.3 | 10.6                             |
| March 7                   | 256.3  | 533.2  | 57.4                         | 198.9                        | 52.1              | 276.9 | 329.0 | 9.7                              |
| 14                        | 255.4  | 533.3  | 57.6                         | 197.8                        | 53.9              | 277.9 | 331.8 | 8.5                              |
| 21                        | 256.2  | 534.9  | 57.5                         | 198.7                        | 54.2              | 278.7 | 333.0 | 11.6                             |
| 28                        | 253.7  | 533.5  | 57.1                         | 196.6                        | 55.2              | 279.8 | 335.0 | 11.6                             |
| April 4                   | 258.5  | 538.8  | 57.7                         | 200.8                        | 55.7              | 280.4 | 336.0 | 10.3                             |
| 11                        | 261.5  | 541.8  | 58.7                         | 202.9                        | 56.6              | 280.2 | 336.8 | 6.3                              |
| 18                        | 263.9  | 546.1  | 58.5                         | 205.5                        | 55.6              | 282.2 | 337.8 | 6.1                              |
| 25                        | 259.4  | 541.1  | 58.1                         | 201.2                        | 56.2              | 281.7 | 337.9 | 9.4                              |
| May 2                     | 258.9  | 541.3  | 57.8                         | 201.1                        | 56.5              | 282.4 | 338.9 | 11.7                             |
| 9                         | 257.7  | 540.3  | 59.1                         | 198.6                        | 57.9              | 282.5 | 340.4 | 10.9                             |
| 16                        | 259.1  | 542.7  | 58.8                         | 200.3                        | 58.5              | 283.6 | 342.1 | 8.5                              |
| 23                        | 256.6  | 540.9  | 58.6                         | 198.0                        | 59.4              | 284.4 | 343.8 | 7.8                              |
| 30                        | 257.0  | 542.0  | 58.6                         | 198.4                        | 59.7              | 285.0 | 344.7 | 6.9                              |
| June 6                    | 262.4  | 547.7  | 59.4                         | 203.0                        | 59.3              | 285.3 | 344.6 | 5.1                              |
| 13                        | 264.2  | 549.7  | 59.7                         | 204.4                        | 59.7              | 285.5 | 345.2 | 3.4                              |
| 20                        | 265.0  | 550.1  | 59.5                         | 205.5                        | 58.5              | 285.1 | 343.6 | 8.5                              |
| 27                        | 261.7  | 546.3  | 59.0                         | 202.7                        | 59.5              | 284.6 | 344.1 | 9.7                              |
| July 4                    | 266.4  | 552.1  | 59.8                         | 206.6                        | 59.8              | 285.7 | 345.5 | 10.1                             |
| 11                        | 268.0  | 552.7  | 60.5                         | 207.5                        | 60.7              | 284.7 | 345.4 | 6.6                              |
| 18                        | 267.0  | 552.1  | 60.1                         | 206.9                        | 61.9              | 285.1 | 347.0 | 5.1                              |
| 25                        | 263.4  | 548.6  | 59.6                         | 203.8                        | 63.8              | 285.2 | 349.0 | 6.3                              |
| August 1                  | 283.3  | 549.7  | 59.4                         | 203.9                        | 64.9              | 286.4 | 351.3 | 6.2                              |
| 8                         | 263.7  | 551.1  | 60.5                         | 203.3                        | 66.6              | 287.3 | 353.9 | 5.0                              |
| 15                        | 264.4  | 552.1  | 60.3                         | 204.2                        | 68.2              | 287.7 | 355.9 | 3.9                              |
| 22                        | 263.4  | 552.0  | 60.0                         | 203.4                        | 69.1              | 288.6 | 357.7 | 4.0                              |
| 29                        | 260.2  | 548.8  | 59.4                         | 200.7                        | 69.9              | 288.7 | 358.6 | 3.5                              |
| September 5               | 263.3  | 553.6  | 60.3                         | 203.1                        | 69.1              | 290.2 | 359.3 | 3.2                              |
| 12                        | 265.6  | 555.4  | 60.5                         | 205.1                        | 69.0              | 289.9 | 358.9 | 3.7                              |
| 19                        | 265.5  | 555.3  | 60.1                         | 205.5                        | 69.2              | 289.8 | 359.0 | 5.1                              |
| 26                        | 260.9  | 551.4  | 59.6                         | 201.3                        | 68.8              | 290.6 | 359.4 | 6.9                              |
| October 3                 | 264.7  | 556.7  | 59.8                         | 204.8                        | 67.5              | 292.0 | 359.5 | 8.0                              |
| 10                        | 265.6  | 558.6  | 61.0                         | 204.5                        | 66.8              | 293.0 | 359.7 | 6.5                              |
| 17                        | 267.7  | 561.4  | 60.5                         | 207.2                        | 66.3              | 293.6 | 359.9 | 5.2                              |
| 24                        | 264.2  | 558.6  | 60.4                         | 203.8                        | 66.3              | 294.4 | 360.7 | 5.8                              |
| 31                        | 266.2  | 560.5  | 59.8                         | 206.4                        | 65.5              | 294.3 | 359.8 | 5.6                              |
| November 7                | 270.1  | 564.8  | 61.1                         | 209.0                        | 64.5              | 294.7 | 359.2 | 5.7                              |
| 14                        | 271.2  | 566.1  | 61.5                         | 209.8                        | 63.9              | 294.9 | 358.8 | 3.7                              |
| 21                        | 270.9  | 564.8  | 61.7                         | 209.3                        | 64.2              | 293.9 | 358.1 | 3.9                              |
| 28                        | 269.6  | 564.1  | 61.3                         | 208.2                        | 64.1              | 294.5 | 358.6 | 4.1                              |
| December 5                | 273.2  | 569.0  | 61.8                         | 211.4                        | 63.5              | 295.8 | 359.3 | 4.4                              |
| 12                        | 276.5  | 572.6  | 62.6                         | 213.9                        | 64.4              | 296.1 | 360.5 | 3.2                              |
| 19                        | 278.3  | 576.6  | 62.7                         | 215.7                        | 63.4              | 298.3 | 361.7 | 5.6                              |
| 26                        | 278.7  | 576.9  | 63.3                         | 215.4                        | 64.4              | 298.3 | 362.7 | 8.6                              |



## NOTES TO TABLES

<sup>1</sup>Includes (1) demand deposits at all commercial banks other than those due to domestic commercial banks and the U.S. Govt., less cash items in the process of collection and Federal Reserve float; (2) foreign demand balances at Federal Reserve Banks; (3) currency outside Treasury, Federal Reserve Banks, and vaults of all commercial banks.

<sup>2</sup>Includes— in addition to currency and demand deposits— savings deposits, time deposits open account, and time certificates of deposit (CD's) other than negotiable time CD's issued in denominations of \$100,000 or more by large weekly reporting commercial banks. Excludes time deposits of the U.S. Govt. and of domestic commercial banks.

<sup>3</sup>Includes  $M_2$  plus the average of the beginning- and end-of-month deposits of mutual savings banks and savings capital at savings and loan associations.

<sup>4</sup>Negotiable time CD's issued in denominations of \$100,000 or more by large weekly reporting banks.

<sup>5</sup>Average of beginning- and end-of-month deposits at mutual savings banks and savings capital at savings and loan associations

<sup>6</sup>At all commercial banks.

<sup>7</sup>Averages of daily figures. Member bank reserve series reflects actual reserve requirement percentages with no adjustment to eliminate the effect of changes in Regulations D and M.

<sup>8</sup>Reserves available to support private nonbank deposits are defined as (1) required reserves for (a) private demand deposits, (b) total time and savings deposits, and (c) nondeposit sources subject to reserve requirements, and (2) excess reserves. This series excludes required reserves for net interbank and U.S. Govt. demand deposits.

<sup>9</sup>Averages of daily figures. Deposits subject to reserve requirements include total time and savings deposits and net demand deposits as defined by Regulation D. Private demand deposits include all demand deposits except those due to the U.S. Govt., less cash items in process of collection and demand balances due from domestic commercial banks.

<sup>10</sup>Total member bank deposits subject to reserve requirements, plus Euro-dollar borrowings, bank-related commercial paper, and certain other nondeposit items. This series for deposits is referred to as "the adjusted bank credit proxy."

NOTES relating to changes in series over the 1967-73 period for the tables on pp. 90-94 are as follows:

1. Effective Mar. 2, 1967, the reserve requirement of all member banks against savings deposits and the first \$5 million of time deposits was reduced from 4 per cent to 3½ per cent. This action reduced required reserves and RPD's approximately \$425 million.

2. Effective Mar. 16, 1967, the reserve requirement of all member banks against savings deposits and the first \$5 million of time deposits was reduced from 3½ per cent to 3 per cent. This action reduced required reserves and RPD's approximately \$425 million.

3. Effective Jan. 11, 1968, the reserve requirement of reserve city banks against net demand deposits in excess of \$5 million was increased from 16½ per cent to 17 per cent. This action increased required reserves approximately \$360 million and RPD's \$310 million.

4. Effective Jan. 18, 1968, the reserve requirement of country banks against net demand deposits in excess of \$5 million was increased from 12 per cent to 12½ per cent. This action increased required reserves approximately \$190 million and RPD's \$170 million.

5. Effective Apr. 17, 1969, the reserve requirement of all member banks against net demand deposits was increased ½ percentage point. This action increased required reserves approximately \$660 million and RPD's \$590 million.

6. Effective Oct. 16, 1969, a 10 per cent marginal reserve requirement was established on certain foreign borrowings, primarily Euro-dollars, by member banks and on the sale of assets to their foreign branches. This action increased required reserves and RPD's approximately \$400 million.

7. Effective Oct. 1, 1970, the reserve requirement of all member banks against time deposits (other than savings deposits) in excess of \$5 million was reduced from 6 per cent to 5 per cent. At the same time, a 5 per cent reserve requirement was imposed against funds obtained by member banks through the issuance of commercial paper by their affiliates. This action reduced required reserves and RPD's approximately \$500 million (net).

8. Effective Jan. 7, 1971, the reserve percentage required to be maintained against certain foreign borrowings, primarily

Euro-dollars, by member banks and the sale of assets to their foreign branches was raised from 10 per cent to 20 per cent. This action had little effect on required reserves and RPD's.

9. Effective Nov. 9, 1972, Regulations D and J were revised to (1) adopt a system of reserve requirements against demand deposits of all member banks based on the amount of such deposits held by a member bank, and (2) to require banks—member and nonmember—to pay cash items presented by a Federal Reserve Bank on the day of presentation in funds available to the Reserve Bank on that day. These changes reduced required reserves approximately \$2.5 billion, effective Nov. 9, and \$1.0 billion, effective Nov. 16, and increased required reserves \$300 million, effective Nov. 23. On the same dates RPD's were reduced \$2.3 billion and \$785 million and increased \$235 million, respectively.

10. Effective June 21, 1973, the Board amended its Regulation D to establish a marginal reserve requirement of 8 per cent against certain time deposits and to subject to the 8 per cent reserve requirement certain deposits exempt from the rate limitations of the Board's Regulation Q. In addition, reserves against certain foreign branch deposits were reduced from 10 per cent to 8 per cent. These changes had little effect on required reserves or RPD's.

11. Effective July 12, 1973, reserve requirements were imposed against finance bills. This action increased required reserves and RPD's approximately \$90 million.

12. Effective July 19, 1973, the reserve requirement against all net demand deposits, except the first \$2 million, was increased ½ percentage point. This action increased required reserves approximately \$760 million and RPD's approximately \$670 million.

13. Effective Oct. 4, 1973, the marginal reserve requirement against certain time deposits was increased from 8 per cent to 11 per cent. This action increased required reserves and RPD's approximately \$465 million.

14. Effective Dec. 27, 1973, the marginal reserve requirement against certain time deposits was reduced from 11 per cent to 8 per cent. This action reduced required reserves and RPD's approximately \$360 million.

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# Statements to Congress

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*Statement on foreign banking in the United States by George W. Mitchell, Vice Chairman, Board of Governors of the Federal Reserve System, before the Subcommittee on International Finance of the Committee on Banking, Housing and Urban Affairs, U.S. Senate, January 23, 1974.*

## INTRODUCTION

Mr. Chairman, I appreciate your invitation to appear before the subcommittee in its hearings on direct foreign investment in the United States. Too often, direct foreign investment is thought of as involving only industrial and commercial institutions. The subcommittee's recognition that such investment also involves banks and other financial institutions is certainly appropriate.

The amount of direct investment by foreign banks in U.S. banking facilities is small—less than \$1 billion. But in the case of banking, the size of that direct capital investment does not measure the importance of the activity. Banks traditionally operate on a smaller capital base than is typical in industry and commerce. The principal business of banks is to assemble funds from a variety of sources—deposits or borrowings in domestic or foreign money markets—and to relend those funds to others. It is the effects of these banking transactions—the money flows and the business transactions they accommodate—that should be used to assess the implications of foreign investment in U.S. banking offices. Judged by these activities, and by their total assets of close to \$35 billion, the U.S. banking offices of foreign banks are still not large compared to insured U.S. banks, which have \$762 billion in total assets and \$59 billion in equity capital and reserves. But their activities are growing and becoming increasingly important in certain U.S. financial markets. For example, commercial and industrial loans at these institutions have now grown to 8 per cent of all such loans in the United States.

## SOURCES AND USES OF FUNDS BY FOREIGN-OWNED BANKS

Banks traditionally rely on deposits of their regular customers for the bulk of their resources. A second source of funds, and one that is growing in importance, is the domestic money market, which includes the market for interbank loans and deposits. A third source of funds is the international money market (including borrowing from affiliates abroad). Euro-dollar borrowings and deposits are the pre-eminent instruments in this market. Participants in both the domestic and international money markets are sophisticated, and funds invested in these markets are highly interest sensitive and predominantly very short in maturity.

Banks engaged in international banking that operate offices in a foreign country generally have difficulty in establishing a large stable deposit base in the currency of the host country. This is true both for U.S. banks operating abroad and for foreign banks operating in the United States. Therefore, when operating outside their home country, banks are inclined to rely in some considerable measure on funds supplied by their home offices. Frequently, however, they encounter difficulties in bringing funds from outside the host country. Many countries impose limits on such capital inflows through banks, both for balance of payments reasons and because capital inflows can have an unwanted effect on domestic credit flows. Accordingly, banks in foreign countries seek to supplement their resources from their home countries by drawing on various parts of the money market in the host country. Usually the most important source of money market funds for foreign banks is borrowing from the host country's domestic banks. Other money market sources of funds in the foreign country tend to be very short term and in most countries quite limited in amount.

The operations of foreign-owned banks in

the United States reflect these general characteristics of international banking. These banks have to look to foreign sources for about 40 per cent of their resources of about \$35 billion. Foreign funds, of about \$14 billion, are drawn primarily from the home offices or other affiliates of the parents. Funds obtained in the United States consist mainly of deposits of non-bank customers, about \$5 billion, and borrowings from nonaffiliated U.S. banks, almost \$7 billion.

U.S. offices of foreign-owned banks lend and otherwise invest about \$5 billion more in the United States than they obtain here—that is, they are channeling that amount of foreign funds into the U.S. economy. This figure changes, of course, with shifts in relative money market conditions here and abroad.

These foreign-owned offices use a large share of their resources to make commercial and industrial loans in the United States. Such loans account for about 40 per cent of their assets—a substantially higher proportion than is the case for domestically owned banks that are members of the Federal Reserve. The foreign banks' commercial and industrial loans are in good part related to international business and reflect the international orientation of these banks. One-fourth of these loans are to foreign customers.

### **TYPES OF OPERATIONS OF FOREIGN BANKING OFFICES**

The U.S. activities of foreign-owned banks depend in some degree on how and where they are established in the United States. There are also differences reflecting historical or ethnic characteristics of the countries of domicile of the parent banks.

Apart from the representative office, which is essentially nothing more than a sales or service office and does not perform any banking functions, there are three corporate alternatives used by foreign banks conducting a banking business in this country: subsidiary corporations, branches, and agencies. Subsidiaries may be chartered under laws of some States; three States in fact have issued such charters. They can also be chartered under Federal law, but the requirement that the directors must be U.S.

nationals has limited the use of this alternative. Branches of foreign banks are presently authorized to conduct a full-scale lending and deposit business in five States. Agencies of foreign banks are authorized in New York and California. Agencies and branches are similar in some respects, but agencies do a wholesale banking business, whereas branches engage in wholesale banking, retail banking, or both.

Agencies account for more than half the assets of all foreign banking offices. Because they cannot sell certificates of deposit, they rely heavily on interbank (Federal funds) borrowing and borrowings from directly related institutions abroad (Euro-dollars). These sources account for a total of about three-fourths of their funds. They typically employ their funds in money market loans and commercial and industrial loans, often related to international transactions.

Branches and subsidiary banks, on the other hand, rely to a substantial degree on deposits: for branches, deposits account for about one-half of total liabilities, whereas in the case of subsidiary banks, the share is about three-fourths. Some of these deposits are obtained from local business and from consumers, while others are obtained by offering large-denomination certificates of deposit to money market investors. Branches, like agencies, also obtain funds from directly related institutions abroad as well as from the interbank market. Subsidiary banks (particularly in California) and some branches endeavor to conduct a retail banking business similar to that of most U.S. banks; other branches concentrate primarily on wholesale international banking.

There are 60 foreign banks with offices in the United States. Most of these institutions are very large banks; in the aggregate their worldwide deposits are over \$450 billion. At recent count, they had 115 offices in the United States—68 in New York, 39 in California, and 8 in four other States. Relative to worldwide deposits, Canadian and Japanese banks have larger interests in U.S. offices than do banks based in Great Britain, Western Europe, or elsewhere. In total U.S. assets, Japanese banks ranked first, followed by those in Western Europe, Canada, and Great Britain.



The modes of operations of foreign-owned banking offices in this country tend to vary according to the country of the parent bank.

1. **Canada.** Canadian banks operate both agencies and subsidiary banks in California and agencies in New York.

The Canadian agencies in New York draw the funds they use to operate in the United States largely from the head offices and foreign branches of the Canadian-chartered banks although those funds may originally have been acquired, in part, from the United States or other non-Canadian sources.

In recent years, the Canadian agencies have been using those funds increasingly in commercial loans and in arbitrage between the Euro-dollar market and the domestic market for interbank loans. Their commercial loans are largely to U.S. corporations to meet domestic needs. Some of that loan business has been related to the growth of direct investment by U.S. corporations in Canada. Although maintaining a longstanding role as specialists in lending to U.S. securities dealers and brokers, these agencies have recently been reducing their emphasis on this type of activity.

2. **Japan.** Japanese banks, like the Canadian banks, operate agencies and subsidiary banks in California and agencies in New York.

The Japanese agencies have the same powers as Canadian agencies, but in their lending operations they have emphasized the financing of U.S.-Japanese trade, and in some cases also the financing of Latin American exports to Japan.

The agencies obtain funds from their parent banks' head offices in Japan and raise funds in the U.S. market by selling their own acceptances and by borrowing from U.S. banks.

Some of the Japanese subsidiary banks in California have been successful in developing a retail banking business.

3. **Europe.** European banks have placed greater emphasis historically on branch operations in New York City. Additionally, however, they have established some agencies and subsidiaries in New York, including a few investment companies chartered under New York State laws. European banks also have banking subsidiaries in California, the largest being

First Western, which has just been acquired by Lloyd's Bank.

Many European banks, in important but varying degrees, use their New York branches to channel payments that the parent banks generate through their worldwide financial operations. These foreign banks find it essential to have offices in this country to handle efficiently transactions that have grown to enormous dollar totals. Many of the European branches serve their head offices not only for payments business in the United States but also for administering their payments activities worldwide.

Handling payments gives rise to other banking business. The huge volume of foreign exchange orders and the sharp swings in transaction balances that occur from day to day sometimes place substantial demands on these U.S. offices for funds and on other days produce large excess balances. To dispose of such excess funds the U.S. offices of European banks lend large amounts of money to U.S. corporations and also furnish substantial funds to their foreign head offices.

Most of the European banks that have offices in this country are engaged here principally in wholesale banking activities. However, some British banks have been expanding into the retail banking market as well.

## GROWTH OF FOREIGN BANKS' ACTIVITIES

Growth of foreign banks' activities in the United States since the mid-1960's has been one aspect of the broad internationalization of banking that has occurred during this period. This is the counterpart in the banking area of the flourishing growth of multinational business.

Measured from 1965, foreign banks' assets in the United States have grown about sixfold. It should be noted, however, that this striking rate of increase has been roughly matched by the sixfold expansion in the foreign assets of a group of seven large U.S. banks that were already actively engaged in international banking in the mid-1960's. And much the same reasons that account for the expansion of U.S. banks abroad also account for the growth of foreign banks in this country.

Foreign banks have followed their own foreign customers who have come to the United States to set up industrial and commercial operations. Once here, they have assisted other industrial concerns in investing in this country. They have helped to finance the growing volume of trade and have provided information on economic activity and trade opportunities both in the United States and abroad.

Foreign banks have found that banking offices in the United States afforded valuable access to the U.S. money market, and banking offices in New York have strengthened the ability of foreign banks to handle the daily settlements that arise from their own or their customers' transactions in dollars.

In sum, for any foreign bank, as for any U.S. bank, an office in each major international money market is viewed as a key ingredient in an effective worldwide banking operation.

In addition to these broad financial considerations that have led to the expansion of international banking generally, the growth of foreign banks in the United States has reflected changes in legislation in several states. The decision of New York State about a dozen years ago to permit foreign banks to establish branches was one of the principal legislative changes improving the opportunities for foreign expansion in the United States. A few other States have also liberalized laws regarding foreign banks. Notably, several months ago Illinois amended its laws to permit a foreign bank to establish a single branch within the "Loop" area of Chicago. Several foreign banks are in the process of opening such branches in Illinois.

### **NONBANKING ACTIVITIES**

To this point, I have spoken about banking activities of foreign-owned institutions in this country. These institutions also conduct some other activities on the periphery of banking, but it should be noted that these are not very large. Certainly their nonbanking activities are insignificant compared with domestic bank holding companies.

Several foreign banks have affiliates in the United States engaged in the securities business—in some cases both as underwriters for new issues and as brokers and dealers for do-

mestic or foreign issues. Several of these affiliates have become members of regional stock exchanges in this country.

The Canadian banks do some financial business in this country through trust subsidiaries, in addition to their U.S. banking offices. These trust units act mainly as custodian, paying agent, and transfer agent for Canadian entities that have issued securities in the United States.

British banks have few nonbanking direct investments here. One of them is continuing its interests in real estate development projects, and its investment banking interest in some small U.S. companies, which it held before passage of the Bank Holding Company Act Amendments of 1970.

Japanese banks have small investments in some Japanese companies that do business in this country—notably the trading companies. In Japan banks traditionally have taken equity interests of less than 10 per cent in nonfinancial firms that are their important customers.

Several foreign banks (Italian, French, and Greek banks) operating in the United States are owned directly or indirectly by their respective governments, which also own nonfinancial companies that are doing business in the United States.

### **CONCLUDING REMARKS**

Mr. Chairman, my assignment today has been to provide a factual presentation on the activities of foreign banks in the United States, and I welcome the opportunity to assist in this way in your inquiry. I should like to conclude my remarks with a general comment or two.

In my view, the growing and substantial investment and operational activity of foreign banking interests in this country has stimulated competition in banking and financial markets here. In addition, the access to markets in the United States that foreign banks have enjoyed has facilitated the activities of U.S. banks in markets abroad.

At the same time, it should be noted that these institutional developments have abetted the greater movement of funds internationally and in so doing have posed some problems in implementing monetary policy in the United States. In recent years the Board has taken several actions to modify the effect of international

monetary flows on domestic monetary and credit conditions. However, foreign-owned banking institutions, which are an important channel for these flows, are not subject directly to Federal Reserve legislation. Last June, therefore, when the Board as part of its anti-inflationary program introduced a marginal reserve requirement for large certificates of deposit issued by member banks and asked nonmember banks similarly to hold reserves, it requested foreign-owned banking institutions to maintain reserve deposits against increases in large CD's

and in net Euro-dollar borrowings above base-period levels. I am happy to say that foreign banks acceded to this request.

Recognizing the growing importance of foreign banking in the United States, the Board established a Federal Reserve System Steering Committee a year ago to review the status of international banking regulations and to consider the public policy issues. The committee, of which I am chairman, has made good progress and hopes soon to submit recommendations to the Board. □

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*Statement by Arthur F. Burns, Chairman, Board of Governors of the Federal Reserve System, before the Subcommittee on Production and Stabilization of the Committee on Banking, Housing and Urban Affairs, U.S. Senate, February 6, 1974.*

I am pleased to meet with this committee to discuss the desirability of extending the Economic Stabilization Act.

Your immediate concern is whether to extend the existing authority under the Act, to modify that authority, or to abolish it altogether. The major question at issue is whether we would be better served as a Nation by continuing to operate with mandatory wage and price controls or whether the time has come to return to our historic tradition of reliance on free markets.

A considered judgment on this question requires careful analysis of our recent experience with governmental intervention in wages and prices. Let me begin, therefore, by assessing the benefits and costs of the control program over the past 2½ years.

The control program was instituted at a time when economic conditions were very different from what they are today. During the summer of 1971 we had a sluggish economy, unemployment averaged 6 per cent of the labor force, and a significant part of our industrial plant was idle. Nevertheless, unlike earlier periods of economic slack, the general price level continued to advance briskly. In fact the average rate of price increase was about as high in the first half of 1971 as it had been in 1969, when both

labor and capital were employed to the fullest.

The inflationary problem in 1970 and 1971 stemmed mainly from the pressure of rising costs on prices. In general, wage rates were increasing much faster than gains in productivity. Business firms found it difficult to absorb the resulting rise in unit labor costs since their profit margins were already seriously depressed. Prices therefore rose, even though excess demand for goods and services had long since been eliminated.

To some extent the inflation we then experienced was the aftermath of previous excess demand. But as time passed, it became increasingly clear that the laws of economics were not working as they once had. In a modern economy—and in other countries as well as our own—wage rates have become fairly insensitive to changes in the balance between labor demand and supply, and increased costs of doing business are frequently passed through to buyers even in slack markets.

The new economic policy inaugurated in August 1971 sought to break a chain of wage-price increases that bore little relation to existing economic conditions. It also included measures to stimulate productivity gains, to increase business capital investment, to halt the deterioration in our balance of payments, and to encourage other nations to work with us in designing a more flexible system of foreign exchange rates.

The early response to the new policy was heartening. Consumers and businesses began to spend more freely, and the pace of economic

expansion quickened. Meanwhile, governmental efforts to hold down wage and price increases met with some success. Broad measures of price performance registered significant improvement in the early stages of the control program, and there was little evidence that the controls were distorting business decisions or giving rise to serious inequities.

In the closing months of 1971 and most of 1972 the control program worked reasonably well because the volume of unemployed labor and capital—while diminishing—was still on the high side. Increases of wage rates during 1972 were somewhat smaller than in 1971. And although consumer outlays strengthened materially in 1972, the consumer price index rose only  $3\frac{1}{4}$  per cent, or a full percentage point below the preceding year.

Over the course of 1972, however, the economic climate began to change in ways that threatened to undercut the control program. The growth of over-all production spurted to a rate well above its long-run potential, and demands for labor, materials, and equipment strengthened steadily. Business firms began to experience some difficulty in adjusting production schedules to the rapid growth in consumer demand, and delivery delays became more frequent—even though capacity constraints were not yet limiting aggregate output. Toward the end of the year the pace of economic expansion also accelerated in Western Europe and Japan, and prices of industrial raw materials began to rise faster both here and abroad. As these tensions accumulated during 1972, it became evident that the controls were causing some distortion in the allocation of resources, that inequities were becoming more numerous, and that pressures for modification of the program were mounting.

Let me now turn to 1973, when fresh inflationary forces, reinforcing those already plaguing the economy, culminated in the sharpest upsurge of the price level since the Korean war. In view of the strong cyclical expansion in production and employment that had occurred in late 1972 and early 1973, it would have been difficult to avoid additional upward pressure on prices under the best of circumstances. In retrospect it might be argued that monetary and fiscal

policies should have been somewhat less expansive during 1972, but it is my considered judgment that possible excesses of this sort were swamped by powerful special factors that added a new dimension to our inflationary problem last year.

Early in 1973 the move to Phase III made it easier to pass on rising costs to product prices and, here and there, to widen profit margins that had previously been suppressed. Also, since the inauguration of Phase III was widely interpreted as a virtual abandonment of controls, inflationary expectations tended to worsen. Looking back, however, it seems fair to conclude that the forces of inflation became so powerful during 1973 that they could not be dealt with very effectively by direct controls.

A major source of the inflationary problem last year was the coincidence of booming economic activity in the United States and in other countries. Production rose rapidly throughout the industrial world, and inflation accelerated everywhere. Among major industrial countries, increases in consumer prices in 1973 ranged from about 7 to 17 per cent. The United States was toward the low end of this range.

Another complicating factor was the devaluation of the dollar. The value of the dollar declined sharply in foreign exchange markets during the first half of last year, thereby magnifying the impact of worldwide inflation on our price level. The higher prices of foreign currencies raised, of course, the dollar prices of imported products, and these effects spread out over the economy. Rising import prices led to some substitution of domestic for foreign products and thus intensified upward pressures on the price level. And as the dollar became cheaper for foreign buyers, our export trade expanded, thereby reinforcing the pressures of domestic demand on existing resources.

Last year exports were also stimulated by the worldwide expansion of industrial output. Our country has long been a major supplier of industrial materials, component parts, and capital equipment. Larger foreign orders for these items added powerfully to growing domestic requirements. For example, foreign orders for durable goods (excluding motor vehicles and parts) shot up 25 per cent in the year ending in the fourth

quarter of 1973, while domestic orders during the same period rose by 17 per cent.

The resulting demand pressures became particularly intense in the major materials-producing industries. Last year the rate of capacity utilization in these industries—which include petroleum refining, aluminum, steel, cement, synthetic fibers, paper, paperboard, and the like—reached the extraordinary level of 96 per cent in the third quarter, or about as high as this index could go. In many of these industries, expansion of productive capacity had been neglected in recent years, in large part because of the low rates of profitability from 1966 to 1971 and the restrictions imposed by a variety of environmental controls. Since our industrial plant last year was incapable of accommodating the upsurge in demand, acute shortages developed for a wide range of basic materials.

To make matters worse, disappointing harvests in 1972—both here and abroad—caused a sharp run-up in prices of food products during the first 8 or 9 months of 1973, and the disruptive manipulation since last fall of petroleum shipments and prices by some oil-exporting countries has caused a spectacular advance in the prices of gasoline and heating oil. Shortages of these two categories of products, in fact, account for a major share of our recent inflationary problem. About 60 per cent of the rise in the consumer price index in 1973 stemmed from increased prices of food and fuel; these same commodities, together with farm products, accounted for about 70 per cent of the rise in wholesale prices last year.

In short the character of the inflation in 1973 was very different from the inflation that had troubled us in earlier years. A worldwide boom was in process; the dollar was again devalued; and agricultural products, basic industrial materials, and oil were all in short supply, and price increases of these products were enormous.

When an economy is beset by inflationary forces of such exceptional character, governmental intervention in pricing decisions or wage bargaining can hardly be expected to be very effective. Actually, governmental efforts to maintain a meaningful control program in the economic environment of 1973 aggravated the growing scarcity of a host of goods in our

markets. In some instances price controls have led to curtailment of less profitable lines of production. For example, roof bolts needed to increase output in the mining industry became virtually unavailable for a time. In other instances, critically needed materials have been exported because domestic prices were kept by governmental fiat below the price level ruling in international markets. This was a problem in the market for copper scrap, for example, before price controls on this material were lifted in August of last year.

Moreover, in individual markets subject to excess demand, the controls have apparently encouraged devices for evading price ceilings. There have been various reports of “tie-in” sales, of old products being sold as new lines, and—since imported goods are free from price controls—of domestic goods being exported and then reimported and sold at higher prices.

Thus, the controls accentuated during the past year the vexing problem of scarcities that developed in many lines of production and distribution. The Cost of Living Council was well aware of this problem and therefore moved towards a gradual relaxation or removal of the controls. But the damage done by the controls in slowing production was significant, and it is very doubtful if the control program helped to moderate the average rate of inflation during 1973.

The Committee on Interest and Dividends (CID) which I have been chairing, also encountered difficulties in discharging its responsibilities. Early in 1973 the CID encouraged commercial banks to hold down their prime rate of interest—that is, the rate charged their large and most creditworthy business customers. Increasing costs of short-term borrowing in the money market, however, soon made the prime rate a bargain rate of interest. Since outstanding loan commitments by banks were large, and the total financing requirements of business were growing, commercial banks found themselves deluged with demands for loan accommodation. Action was clearly needed to avert a drying up of bank funds for small businesses, consumers, and home buyers.

Adoption by the CID of criteria for a two-tier prime rate structure alleviated the problem. A

flexible prime rate, one closely tied to the highly competitive open market interest rates, was permitted for large business borrowers who had access to the national money and capital markets. At the same time, a more stable rate, tied closely to actual costs, was to be maintained by the banks for borrowers with few financing alternatives—notably, small businesses, consumers, and farmers.

This experience and others we have had with direct controls over the past 2½ years have made it abundantly clear that there is no good substitute for free markets in allocating resources and in maintaining productive efficiency. The experience of other countries has been similar to ours. Direct controls over wages and prices can be a constructive influence for a short time, particularly when there is significant slack in the economy. Such was the case in late 1971 and through much of 1972. But controls cannot restrain the upward movement of prices very long when aggregate demand is rising briskly and acute shortages develop in major sectors of the economy. Under such conditions a rigorous control program gives rise to evasions and inequities, to inefficiencies, and to more acute and widespread scarcities. And in some markets, such as those for raw materials, agricultural products, or internationally traded commodities, direct controls over prices are—practically speaking—unworkable.

Let me turn now to the outlook for prices in 1974 and the role that controls might play in dealing with inflationary pressures in the months ahead.

The most pressing economic problem facing the Nation at the present time is a shortage of petroleum products that is adversely affecting business activity and aggravating our price problem. Hardships for some of our people and inconveniences for many have become unavoidable.

Some downward adjustment of production and employment is already under way. Sizable cutbacks in production and layoffs of workers have recently taken place, or have been announced, in the automobile industry, the airlines, homebuilding, and other industries. For many countries, the adjustments will be more severe than for us.

Fortunately, the magnitude of the shortfall in our oil imports now seems likely to be smaller than it had originally appeared. However, the sharply higher price of imported oil will impose a burden that we cannot immediately escape. Prices of gasoline and heating fuels have already risen substantially, and—even if price controls are continued—may need to rise further in order to bring demand and supply into better balance. It is, of course, of the utmost importance that we permit markets to function in ways that will result in economies in the use of energy by business firms and consumers, and at the same time encourage a burst of new investment in facilities for exploring and producing crude oil and other sources of energy.

Food prices are also likely to rise this year. Stocks of major grains are low, and prospects for world crop production in 1974 have been dimmed by shortages of fertilizer. Furthermore, meat supplies may be disappointingly small in the first half of the year. Although the outlook for food prices is by no means so gloomy as it was a year ago, there is no assurance that food prices will level out or decline very soon.

A more fundamental factor affecting the course of inflation in 1974, however, may well be the course of wage rates and unit labor costs. Increases in wage rates have been edging up since last spring; wages rose on the average at an annual rate of about 7½ per cent during the last half of 1973. Even so, real weekly earnings of production workers have declined over the past year because prices have risen so sharply.

This year the collective bargaining calendar is heavy and includes several pattern-setting industries. Efforts of workers to obtain large wage increases in order to prevent a further erosion of real income would be entirely understandable. If economic activity proceeds sluggishly in 1974, as now seems likely, productivity gains will probably be even smaller than they were last year. Substantial wage increases would therefore put great upward pressure on costs of production and ultimately on prices.

The several adverse influences on the price level in 1974 are likely to be offset, in part, by other developments. A slower pace of economic activity here and abroad may well cause a decline in the prices of internationally traded

commodities, besides reducing shortages of industrial materials and component parts. Appreciation of the dollar in international exchange markets over recent months will have a beneficial effect on the domestic price level. Imported goods will tend to be less expensive, and the demand for our exports will be moderated, thereby increasing the supply of goods available for the domestic market. Late in the year pressures on food prices may also ease somewhat, as policies already adopted to increase agricultural production begin to bear fruit.

Realistically, however, we can hardly expect a return to reasonable price stability in the near future. Substantial increases in the prices of numerous commodities and services are virtually inevitable this year. Relative prices of many items are now badly out of balance. Prices of materials, for example, have recently risen very swiftly, and these cost increases are still to be passed through to the prices of end-products. Efforts to prevent such price adjustments would only prolong the distortions in production from which we are now suffering. And any determined attempt to force other prices down, with a view to achieving average price stability in the near future, would lead to intolerably high unemployment.

The objective of public policy in these difficult circumstances must be to establish a dependable framework for a gradual return to price stability over the next few years. In this endeavor we will need to rely principally on sound management of aggregate demand through general monetary and fiscal policies.

In the current economic slowdown the task of monetary policy will not be the same as in a classical business recession, when a considerable easing in the supply of money and credit can be expected to provide the financial basis for the subsequent recovery. This year our Nation's capacity to produce may actually decline, or at best rise at an abnormally low rate; declines in production and employment will tend to be concentrated in specific industries and regions of the country, rather than spread broadly over the economy; and the price level is likely to be rising at a disconcerting rate. Such developments are outside the pattern of a typical business recession, and a great deal of caution

will therefore be needed in framing monetary policy. An easier monetary policy can be only a marginally constructive influence in an energy-induced slowdown. Rapid growth of money and credit is hardly an effective remedy for a shortage of oil.

Fiscal policy can be used to better advantage in this kind of economic slowdown. Selective fiscal actions—such as an expanded program of public service employment, or increased unemployment benefits for those who lose their jobs because of the energy problem, or other special assistance in areas particularly hard hit—can be used more effectively to deal with local or regional problems. And we should be able to accomplish those objectives, I believe, without sacrificing the longer-run fiscal discipline so vital to restoration of general price stability.

In the current economic environment direct controls cannot be of much benefit in curbing inflation. In fact, comprehensive and relatively inflexible controls over wages and prices would probably do more harm than good because they would prolong the distortions in production and distribution that have become a major problem during the past year. I believe, therefore, that it would be unwise to extend the authority under the Economic Stabilization Act for another year. A more selective approach is needed.

For the remainder of 1974 continuation of mandatory controls over petroleum products appears unavoidable. The present shortages, particularly of gasoline, would result in skyrocketing prices if mandatory controls were not retained for a time. The control authority needed in this area is provided by the recently enacted Emergency Petroleum Allocation Act, which does not expire until early 1975.

Continuation of mandatory controls for health services may also be appropriate. This sector of the economy has demonstrated a high propensity toward inflation in recent years, in large part because the character of the industry makes it difficult for competitive forces to work effectively. A special program by the Department of Health, Education, and Welfare to moderate the rise in the cost of drugs, hospital care, and other medical services would help to keep spending on health care within the reach of our citizens, and it would also hold down

the growth of Federal expenditures for national health programs.

In the construction industry the mandatory authority available to the Construction Industry Stabilization Committee has thus far remained virtually unused. That committee, relying on voluntary agreements between labor and management, has succeeded in reducing very substantially the rate of increase in construction wages since the spring of 1971. A continuation of mandatory control powers for the construction industry is perhaps unnecessary, but I would hesitate to disturb arrangements that have been so successful.

Except for these specific cases, I believe that the time has come to scrap the present structure of mandatory controls. The great mass of wages and prices should again be left to private decisions in free markets. In some markets, however, a degree of governmental vigilance may well be required to prevent abuses of economic power.

Mandatory controls are not the answer. On the other hand, a limited element of intervention in pace-setting industries may result in appreciable improvements of wage and price performance. Authority would be needed to delay wage and price changes so that mediation or public hearings could be held and recommendations handed down. These recommendations could then be monitored and reports issued on compliance so that the force of public opinion could be brought to bear on wage or price changes that are deemed detrimental to the national interest. Functions of this kind could best be handled by *ad hoc* boards for specific cases, to be established by the Cost of Living Council or some successor agency.

Installation of the necessary review machinery may take some time, however. Partly for this reason, partly also because significant elements of the economy may still be under control by April 30, extension of the Economic Stabilization Act for 2 or 3 months might be desirable to allow time for an orderly transition to substantially free markets.

I believe that a determined national effort to curb inflation also requires greater stress on programs for reducing obstacles to supply, and for encouraging investment in industries where

capacity constraints are limiting the expansion of our national economy. Events of this past year have focused attention on the urgent need to increase supplies of energy, and also to expand the productive capacity of our basic materials industries. Accelerated amortization of capital facilities for such industries, using techniques developed during the Korean war, could help solve this problem by making adequate tax allowance for the high cost of pollution-control equipment and for risks attending stepped-up investment in these vital industries.

Efforts to enlarge our supply potential, however, should go beyond the provision of investment incentives in the basic materials industries. For example, vestiges of our former restrictive agricultural policies could be removed, and the minimum wage law could be modified to increase job opportunities for teenagers. Furthermore, a wide range of restrictive practices in the private sector—from featherbedding to outdated building codes—cry out for reform.

Efforts to remove impediments to supply and to improve productivity are more likely to be successful if we establish machinery to focus on this problem over the long run. I would suggest, therefore, that the Council of Economic Advisers be given the responsibility of developing specific programs, of making semiannual reports on the progress being achieved, and of recommending policies needed to further the broad objective of expanding our capacity to produce.

In summary, my suggestions to this committee are as follows: First, that our Nation again permit wages and prices to be set preponderantly in free markets, and that we depend principally upon monetary and fiscal policies to establish an economic environment conducive to a return of general price stability; second, that mandatory control programs be confined to petroleum products, health services, and the construction industry; third, that the present Economic Stabilization Act be extended, if at all, for only 2 or 3 months beyond April 30th; fourth, that the Cost of Living Council or a successor agency assume responsibility for establishing *ad hoc* boards that would seek through public hearings, or in other ways short of compulsion, to prevent abuses of economic power over



wages and prices in pace-setting industries; fifth, that our Nation embark on a long-range effort to reduce obstacles to the expansion of supply, and that the Council of Economic Advisers be required to recommend programs needed to further this objective, and to make semiannual reports on progress achieved.

I believe that implementation of these suggestions will contribute to a slowing in the rate of inflation over the course of 1974. In any event, I hope that the Congress will look at all sides of the inflation problem and consider thoroughly these and other suggestions that may come to its attention.

*This Nation has been struggling with inflation*

for almost a decade. Our citizens are well aware of its seriousness, and they are realistic enough to realize that there is no easy way to regain price stability. But I am deeply concerned that the patience of our people is wearing thin. Failure to make significant headway this year in reducing the rate of increase in prices may destroy the confidence of businessmen and consumers in the capacity of our Government to deal with an inflationary problem that is retarding economic progress and sapping the energies of our people. Improvement in the price performance of our economy during 1974 is essential to our country's future and is well within our means. □

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# Record of Policy Actions

of the Federal Open Market Committee

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## MEETING HELD ON NOVEMBER 19-20, 1973<sup>1</sup>

### Domestic policy directive

The information reviewed at this meeting suggested that growth in real output of goods and services—which had risen to an annual rate of about 3.5 per cent in the third quarter from about 2.5 per cent in the second quarter—would remain moderate in the current quarter. Staff projections continued to suggest that, in the absence of an oil crisis, growth of real output would slacken in the first half of 1974 and that the rise in prices would remain rapid. It was also suggested that continuation of the embargo on the flow of Arab oil to the United States—announced in the latter part of October—could have significantly adverse effects on the U.S. economy.

In October industrial production continued to grow at a substantial pace, reflecting advances in output of business equipment and consumer goods; output of materials, which was pressing against the limits of capacity in some industries, changed little. Employment expanded in manufacturing, after a 3-month period of little change, and total nonfarm payroll employment increased appreciably. The unemployment rate dropped from 4.8 to 4.5 per cent, the lowest rate in 3½ years. And advance reports indicated that retail sales rose substantially during the month, although sales of new automobiles declined significantly.

The index of average hourly earnings of production workers on nonfarm payrolls continued to advance at a relatively fast pace in October. During the third quarter compensation per manhour in the private nonfarm sector of the economy increased substantially more than output per manhour, and unit labor costs rose sharply further.

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<sup>1</sup>This meeting was held over a 2-day period beginning on the afternoon of Nov. 19, 1973, in order to provide more time for the staff presentation concerning the economic situation and outlook and the Committee's discussion thereof.

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The uptrend in wholesale prices of industrial commodities accelerated in October, reflecting a large rise in prices of petroleum products and other fuels and widespread increases among other commodities. Wholesale prices of farm and food products fell *substantially for the second consecutive month*, as a result of marked decreases for livestock, meats, poultry, and soybeans; however, the index remained well above the pre-freeze level of early June. In September the rate of advance of the consumer price index slowed as retail prices of foods declined slightly after having risen sharply in August.

Staff projections for the first half of 1974 suggested that business fixed investment would rise considerably further, that State and local government purchases of goods and services would continue to grow at a substantial rate, and that consumption expenditures would expand at about the moderate pace of the second half of 1973. However, it was also anticipated that the decline in residential construction outlays would persist and that business inventory investment would level off.

U.S. merchandise exports rose sharply further in September—*reflecting for the most part considerable increases in exports of capital equipment and industrial materials*—while imports declined. As a result, the trade balance moved into substantial surplus. For the *third quarter as a whole, the trade surplus was sizable for the first time in 3 years*. The over-all balance of payments on an official settlements basis also was in substantial surplus in the third quarter, and it remained so in October.

Following the announcement in late October of the large U.S. trade surplus, demand for dollars rose considerably, and exchange rates for the dollar appreciated against major foreign currencies. The dollar registered a further sizable appreciation after the development of the oil crisis, which was interpreted in the markets as creating particularly severe problems for the economies of Western Europe and Japan.

Outstanding business loans of U.S. commercial banks, which had increased little in September, were unchanged in October. Business borrowers continued to shift to the commercial paper market as market interest rates declined further relative to effective rates on bank loans—even though most banks lowered the prime rate applicable to large corporations from 10 to 9¾ per cent during

the month and a few reduced the rate to 9½ per cent. Expansion in most other types of loans slowed in October, and banks continued to liquidate substantial amounts of their holdings of Government securities. Bank holdings of other securities—primarily Federal agency issues—rose appreciably, but the increase in total bank credit remained moderate.

The narrowly defined money stock ( $M_1$ )<sup>2</sup> rose moderately in October, following 2 months of declines. Preliminary calculations based on new benchmark data indicated that the level of the money stock in recent months would be adjusted upward and that monetary growth over the year ending in October had been somewhat faster than the rate of 5.1 per cent suggested by the currently published data.<sup>3</sup> Inflows of time and savings deposits other than large-denomination CD's picked up sharply, and the more broadly defined money stock ( $M_2$ )<sup>4</sup> grew at a rapid pace. The outstanding volume of large-denomination CD's declined substantially further as banks continued to reduce the rates paid on such CD's, in response to the further weakening in business loan demand at banks, to the large inflows of consumer-type time deposits, and to the effect on the cost of such funds of the recent increase in marginal reserve requirements against large-denomination CD's. As a result, the bank credit proxy<sup>5</sup> increased relatively little.

Net deposit inflows at nonbank thrift institutions improved somewhat further in October, and the measure of the money stock that includes such deposits ( $M_3$ )<sup>6</sup> rose appreciably after having grown at a slow pace over the third quarter. Contract interest rates on conventional mortgages and yields in the secondary market for Federally insured mortgages declined.

On October 24 the Treasury announced that on October 30 and

<sup>2</sup>Private demand deposits plus currency in circulation.

<sup>3</sup>The measure of the money stock has been revised annually to incorporate new seasonal adjustment factors and, among other things, benchmark adjustments for deposits at nonmember banks on the basis of data reported for 2 days a year, the last day of June and the last day of December; for member banks, deposits are averages of daily figures. The growth rate cited is calculated on the basis of the daily-average level in October 1973 relative to that in October 1972.

<sup>4</sup> $M_1$  plus commercial bank time and savings deposits other than large-denomination CD's

<sup>5</sup>Daily-average member bank deposits adjusted to include funds from nondeposit sources.

<sup>6</sup> $M_2$  plus time and savings deposits at mutual savings banks and at savings and loan associations.

31 it would auction up to \$1.5 billion of 25½-month notes, up to \$2.0 billion of 6-year notes, and up to \$300 million of 19¾-year, 7½ per cent bonds to refund \$3.6 billion of publicly held bonds maturing on November 15; on October 29 the Treasury set coupon rates of 7 per cent for both of the note issues. In the auctions the Treasury sold \$1.5 billion of the 25½-month note at an average price to yield 6.91 per cent, \$2 billion of the 6-year note at an average price to yield 6.82 per cent, and \$300 million of the bond at a price to yield 7.35 per cent to maturity. In addition, the Treasury raised \$1.2 billion of new cash by auctioning bills on November 9 and 12; the funds were raised to meet cash needs generated by redemptions of special Treasury securities by some foreign monetary authorities, which in turn resulted from the surplus in the U.S. balance of payments, and also to increase Treasury cash balances because the authority to borrow directly from Federal Reserve Banks had expired on October 31.

Short-term market interest rates in general declined further in the first week after the Committee's meeting on October 16, in large part because of continued market expectations that the weakness of recent months in the behavior of the monetary aggregates would lead to more aggressive System efforts to supply reserves and, consequently, to an easing in money market conditions. Later, however, when the aggregates strengthened and money market conditions remained relatively stable, market expectations changed and interest rates turned up. After the Treasury's early November announcement of the sale of bills to raise new cash, short-term rates—especially those on Treasury bills—rose further to or above their levels of mid-October. Just before this meeting the market rate on 3-month Treasury bills was 7.50 per cent, up from a recent low of 7.02 per cent on October 24 and 7.19 per cent on the day before the October meeting.

In long-term markets interest rates advanced somewhat in the inter-meeting period in association with the rise in short-term rates and with the expansion of demands for funds in the capital markets. The volume of new public offerings of corporate bonds rose sharply in October, and a further increase was in prospect for November. The volume of new State and local government bonds also expanded substantially in October, but the volume appeared likely to fall off in November.

Soon after the October meeting, available data suggested that in the October–November period the monetary aggregates would grow at rates within acceptable ranges but that reserves available to support private nonbank deposits (RPD's) would grow at a rate below the range that the Committee had specified because an anticipated upturn in the outstanding volume of large-denomination CD's had not developed. Data becoming available later, however, suggested that the monetary aggregates would grow at rates in excess of acceptable ranges. System action to limit such monetary expansion was tempered by the Treasury refunding that was in process and by the unsettled conditions that developed in the Government securities market for a time after the early November announcement of Treasury sales of bills to raise new cash. The Federal funds rate, which had been about 10 per cent at the time of the October meeting, was at or above 10 per cent in the days preceding this meeting. In the 5 weeks ending November 14, member bank borrowings averaged about \$1,446 million, down from an average of \$1,690 million in the preceding 4 weeks.

The Committee agreed that the economic situation and prospects continued to call for moderate growth in monetary aggregates over the months ahead. A staff analysis suggested that in the near term the demand for money would expand in response to the sizable increase in nominal GNP estimated for the fourth quarter and to the uncertainties generated by the oil shortage. The analysis also suggested that growth of consumer-type time and savings deposits at banks would moderate from the high rates of recent months. While the outstanding volume of large-denomination CD's was expected to expand toward the end of the year in response to a renewal of growth in business loans at banks, it was anticipated that required reserves against such CD's would drop further in the November–December period. Consequently, negative growth in RPD's in that period—at an annual rate within a range of  $-1$  to  $-3$  per cent—was thought likely to be consistent with moderate growth in both the narrowly and the more broadly defined money stock over the months ahead. It was expected that such a change in RPD's would be associated with little change in money market conditions.

The Committee decided that operations should be directed at fostering growth in RPD's during the November–December period

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at an annual rate within a range of  $-1$  to  $-3$  per cent, while avoiding unduly sharp changes in money market conditions. The members also agreed that, in the conduct of operations, account should be taken of international and domestic financial market developments, of the forthcoming Treasury financing, and of deviations in monetary growth from an acceptable range. It was understood that the Chairman might call upon the Committee to consider the need for supplementary instructions before the next scheduled meeting if significant inconsistencies appeared to be developing among the Committee's various objectives and constraints.

The following domestic policy directive was issued to the Federal Reserve Bank of New York:

The information reviewed at this meeting suggests that growth in economic activity in the fourth quarter is likely to remain at about the moderate rate of the third quarter, but curtailment of oil supplies from abroad has generated considerable uncertainty about subsequent prospects. In October total nonfarm employment expanded substantially further, and the unemployment rate dropped from 4.8 to 4.5 per cent. The advance in wage rates has remained relatively rapid, and unit labor costs have been increasing at a fast pace. Wholesale prices of industrial commodities rose sharply in October, reflecting in part large increases for petroleum products; although farm and food prices declined considerably further, they remained well above the pre-freeze level of early June. In foreign exchange markets, the dollar appreciated against major foreign currencies following announcement in late October of a large surplus in the U.S. merchandise trade balance, and the dollar strengthened markedly further in early November as expectations grew that the developing oil crisis would create particularly severe problems for Western Europe and Japan. In the third quarter and in October, the balance of payments on an official settlements basis was in substantial surplus.

The narrowly defined money stock, which had declined in August and September, rose moderately in October. The more broadly defined money stock expanded sharply as a result of large net inflows at banks of consumer-type time deposits. Net deposit inflows at nonbank thrift institutions improved somewhat further. Bank credit expansion remained moderate in October, reflecting in part a lack of growth in business loans as borrowers shifted to the commercial paper market. The outstanding volume of large-denomination CD's,

which had begun to decline in late September, fell substantially further. Short-term market interest rates, while fluctuating widely, rose on balance from mid-October to mid-November. Rates on most types of long-term market securities also advanced somewhat.

In light of the foregoing developments, it is the policy of the Federal Open Market Committee to foster financial conditions conducive to abatement of inflationary pressures, a sustainable rate of advance in economic activity, and equilibrium in the country's balance of payments.

To implement this policy, while taking account of international and domestic financial market developments, the Committee seeks to achieve bank reserve and money market conditions consistent with moderate growth in monetary aggregates over the months ahead.

Votes for this action: Messrs. Burns, Hayes, Balles, Brimmer, Bucher, Daane, Francis, Holland, Mayo, Mitchell, and Sheehan. Vote against this action: Mr. Morris.

Mr. Morris dissented from this action because he felt that in view of the marked deterioration in the economic outlook that had occurred over the past few weeks, stemming from the energy crisis, a modest move in the direction of a more stimulative monetary policy was appropriate.

Subsequent to the meeting it appeared that in the November–December period growth in the monetary aggregates might exceed acceptable ranges. In view of that behavior, the System, under ordinary circumstances, would have become somewhat more restrictive in its reserve-supplying operations, expecting that money market conditions would tighten somewhat. On November 30, however, the available members concurred in a recommendation by the Chairman that, in light of current uncertainties regarding the economic outlook and the sensitive state of financial market psychology, the System aim to maintain current money market conditions for the time being.

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**MEETING HELD ON DECEMBER 17-18, 1973<sup>1</sup>****1. Domestic policy directive**

The information reviewed at this meeting suggested that growth in real output of goods and services, which had been at an annual rate of about 3.5 per cent in the third quarter, was slowing appreciably in the current quarter. Staff projections suggested that economic activity would weaken further in the first half of 1974 and that prices would rise appreciably, in part because of curtailment in oil supplies.

*In November industrial production expanded slightly. Increases in output in September and October were considerably less than had been reported previously, however, and growth over the 3-month period was well below the pace of advance earlier in the year. The value of new residential construction activity declined further in November. Total nonfarm payroll employment continued to rise, reflecting gains in manufacturing as well as in trade, services, and State and local government. However, the unemployment rate--which had declined to 4.5 per cent in October -- moved back up to 4.7 per cent, about the rate that had prevailed since June. Retail sales were unchanged in November, according to the advance report; sales of new automobiles remained at the reduced level of October.*

Wholesale prices of industrial commodities continued to rise sharply in November, reflecting extraordinarily large increases in prices of gasoline and other petroleum products and also sizable advances among metals, machinery, textiles, chemicals, and paper products. Wholesale prices of farm and food products declined for the third consecutive month, largely as a result of decreases in prices of cattle, poultry, grains, fats and oils, and cotton. In October the rate of increase in the consumer price index accelerated after having slowed in September, as costs of fuels, health services, and homeownership rose appreciably.

Staff projections of growth in real GNP in the first half of 1974 suggested that the shortfall in supplies of petroleum products then

<sup>1</sup>This meeting was held over a 2-day period beginning on the afternoon of Dec. 17, 1973, in order to enable the Committee to consider certain procedural matters without infringing on the time available for its deliberations on current monetary policy.

envisioned would have its greatest impact on expenditures for automobiles and various other travel-related goods and services; as a result, the slower rate of growth in consumption expenditures that had been developing in the current quarter was likely to persist in the first half of 1974. It was also anticipated that the decline in residential construction would be larger than had appeared likely 4 weeks earlier—because of the adverse effects of the oil shortage on building in the more remote suburban areas and on construction of vacation homes—and that the expansion in business fixed investment would be somewhat less vigorous. State and local government purchases of goods and services were still expected to grow at a substantial rate.

In most other industrial countries, the prospect of a sustained cut in oil supplies threatened even greater economic disruptions than in the United States. From mid-November to mid-December, major foreign currencies depreciated significantly further against the dollar, and a number of foreign monetary authorities continued to intervene in the exchange markets, selling dollars to prevent their currencies from depreciating even more. The U.S. merchandise trade balance, which had been improving since early 1973, was in large surplus in both September and October.

Outstanding business loans at U.S. commercial banks increased in November—following 2 months of little or no change—in association with a rise in interest rates in the commercial paper market relative to effective rates on bank loans. However, total bank credit expansion remained moderate, as growth in most other types of loans slowed further and banks liquidated significant amounts of their holdings of Government and other securities.

The narrowly defined money stock ( $M_1$ ),<sup>2</sup> after changing little over the third quarter, grew moderately in October and rapidly in November. It appeared that the November rate of growth had been affected by such temporary influences as expansion in precautionary balances held by the public in response to the new economic uncertainties and increases in deposits of foreign commercial and central banks. Inflows of time and savings deposits other than large-denomination CD's—while down from the October level—were still large, and growth in the more broadly defined money

<sup>2</sup>Private demand deposits plus currency in circulation.

stock ( $M_2$ )<sup>3</sup> remained substantial. The outstanding volume of large-denomination CD's declined further in November, on the average, although the volume turned up around the middle of the month as banks raised the rates paid on such CD's in response to the expansion in business loan demand at banks. Treasury deposits also declined, and the bank credit proxy<sup>4</sup> changed little for the second consecutive month. On December 7 the Federal Reserve announced a reduction from 11 to 8 per cent in marginal reserve requirements on large-denomination CD's, effective in the statement week beginning on December 27, against deposits held 2 weeks earlier.

Net deposit inflows at nonbank thrift institutions improved somewhat further in November, and expansion in the measure of the money stock that includes such deposits ( $M_3$ ),<sup>5</sup> like growth in  $M_2$ , remained substantial. Contract interest rates on conventional mortgages and yields in the secondary market for Federally insured mortgages declined for the second consecutive month.

Since the Committee's meeting on November 19–20 most short- and long-term market interest rates had fluctuated in response to changing expectations with regard to monetary policy and to the impact of the fuel shortage on economic activity. Short-term rates in general had fallen following the December 7 announcement of the reduction in marginal reserve requirements against large-denomination CD's, and on balance, most had declined somewhat over the inter-meeting period. Just before this meeting, the market rate on 3-month Treasury bills was 7.47 per cent, compared with an interim high of 7.82 per cent on November 23 and with 7.50 per cent just before the November meeting.

In long-term markets, some rates had increased slightly since the November meeting while others had declined, and on balance, rates had changed little. The volume of new public offerings of corporate bonds—which had risen sharply in October—increased somewhat further in November, and a less-than-seasonal decline

<sup>3</sup> $M_1$  plus commercial bank time and savings deposits other than large-denomination CD's.

<sup>4</sup>Daily-average member bank deposits, adjusted to include funds from nondeposit sources.

<sup>5</sup> $M_2$  plus time and savings deposits at mutual savings banks and at savings and loan associations.

was in prospect for December. The volume of new State and local government bonds remained high in November, and a seasonal decline appeared likely in the current month.

System open market operations since the meeting in mid-November had been guided by the Committee's decision to seek bank reserve and money market conditions consistent with moderate growth in monetary aggregates over the months ahead, while taking account of international and domestic financial market developments. Soon after the November meeting, available data suggested that growth in  $M_1$  and  $M_2$  in the November–December period might exceed acceptable ranges. Although it appeared that growth in reserves available to support private nonbank deposits (RPD's) would fall below the range of  $-1$  to  $-3$  per cent that the Committee had specified, for the most part the shortfall was attributable to a larger-than-expected drop in required reserves against large-denomination CD's.

In view of the behavior of the monetary aggregates, the System, under ordinary circumstances, would have become more restrictive in its reserve-supplying operations, expecting as a result that money market conditions would tighten somewhat. On November 30, however, the available members of the Committee concurred in a recommendation by the Chairman that, in light of current uncertainties regarding the economic outlook and the sensitive state of financial market psychology, current money market conditions be maintained for the time being. In the two statement weeks preceding this meeting, the Federal funds rate averaged about  $10\frac{1}{8}$  per cent, little changed from the rate prevailing in the days preceding the November meeting. In the 4 weeks ending December 12, member bank borrowings averaged about \$1,410 million, close to the average of about \$1,446 million in the preceding 5 weeks.

A staff analysis suggested that, if prevailing money market conditions were maintained, the rate of growth of the narrowly defined money stock would be dampened over the months ahead because of the effects on transactions demands for money of the anticipated weakening in economic activity. Some easing of money market and reserve conditions, and the further declines in short-term market rates of interest likely to accompany such easing, would help to sustain moderate growth in  $M_1$  and also—by encouraging expansion in consumer-type time and savings deposits at banks

and nonbank thrift institutions—in  $M_2$  and  $M_3$ . The analysis also suggested that the outstanding volume of large-denomination CD's would grow moderately, reflecting continuation of fairly strong business demands for short-term credit and also the lower net cost of such deposits to banks resulting from the recent reduction in marginal reserve requirements against large-denomination CD's.

The Committee concluded that the economic situation and outlook called for a modest easing of monetary policy. The members decided that for the period until the next meeting somewhat more emphasis should be placed on money market conditions than had been the case in recent months; specifically, they decided that operations should be directed toward achieving some easing in bank reserve and money market conditions, provided that the monetary aggregates did not appear to be growing excessively. Taking into account the staff analysis, the members expected that pursuit of that objective would be consistent with growth in RPD's in the December–January period at an annual rate within a range of 8¼ to 11 per cent. They agreed that, in the conduct of operations, account should be taken of international and domestic financial market developments, and as at other recent meetings, it was understood that the Chairman might call upon the Committee to consider the need for supplementary instructions before the next scheduled meeting if significant inconsistencies appeared to be developing among the Committee's various objectives and constraints.

The following domestic policy directive was issued to the Federal Reserve Bank of New York:

The information reviewed at this meeting—including recent developments in industrial production, residential construction, and retail sales—suggests that growth in economic activity is slowing in the fourth quarter. A further weakening in activity and an appreciable rise in prices are in prospect because of the curtailment in oil supplies. In November nonfarm payroll employment expanded further, but the unemployment rate, which had dropped in October, rose again to about the level that had prevailed since midyear. Wholesale prices of industrial commodities continued to rise sharply in November, reflecting large additional increases for petroleum products and widespread advances among other commodities; farm and food prices declined further.

In nearly all industrial countries abroad, concern has grown that a sustained cut in oil supplies will disrupt economic activity. Major foreign currencies have depreciated further against the dollar, and intervention sales of dollars by foreign monetary authorities have continued. The U.S. merchandise trade balance registered a strong surplus in the September–October period.

The narrowly defined money stock, following little net change over the third quarter, has grown at a relatively rapid pace over the past 2 months. Growth in the more broadly defined money stock has also been substantial, as net inflows at banks of consumer-type time deposits have been large. Net deposit inflows at nonbank thrift institutions improved somewhat further. Bank credit expansion remained moderate in November, although business loans increased after 2 months of little or no growth. On December 7 the Federal Reserve announced a reduction from 11 to 8 per cent in marginal reserve requirements on large-denomination CD's. Most short-term market interest rates have declined somewhat on balance in recent weeks, while movements in long-term market rates have been mixed.

In light of the foregoing developments, it is the policy of the Federal Open Market Committee to foster financial conditions conducive to resisting inflationary pressures, cushioning the effects on production and employment growing out of the oil shortage, and maintaining equilibrium in the country's balance of payments.

To implement this policy, while taking account of international and domestic financial market developments, the Committee seeks to achieve some easing in bank reserve and money market conditions, provided that the monetary aggregates do not appear to be growing excessively.

Votes for this action: Messrs. Burns, Balles, Brimmer, Bucher, Daane, Holland, Mayo, Mitchell, Morris, Sheehan, and Kimbrel. Vote against this action: Mr. Hayes.

Absent and not voting: Mr. Francis. (Mr. Kimbrel voted as an alternate for Mr. Francis.)

Mr. Hayes dissented from this action because, with the problems of inflation increasing rather than abating and with the monetary aggregates apparently growing more rapidly in 1973 than the Committee had considered desirable, he favored a continuation of the current degree of monetary restraint without noticeable relaxation unless signs of weakening in the economy became more

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apparent. He believed that, while there was not much that monetary policy could do to relieve the economic problems arising from the oil shortage, a premature easing of policy could exacerbate the problems of inflation.

Subsequent to the meeting it appeared that in the December–January period the annual rate of growth in RPD's might be close to the upper limit of the range that had been specified by the Committee and that rates of growth in  $M_1$  and  $M_2$  might exceed acceptable ranges, although a significant part of the growth in the monetary aggregates could be attributed to an unanticipated increase in deposits of foreign commercial banks at U.S. banks. On January 11 the available members—with the exception of Mr. Francis—concurred in a recommendation by the Chairman that, in view of the sensitive state of financial markets and the general economic situation, the System aim to maintain prevailing money market conditions for the time being.

## **2. Authorization for domestic open market operations**

On January 4, 1974, a majority of Committee members voted to increase from \$2 billion to \$3 billion the limit on changes between Committee meetings in System Account holdings of U.S. Government and Federal agency securities specified in paragraph 1(a) of the authorization for domestic open market operations, effective immediately, for the period ending with the close of business on January 22, 1974.

Votes for this action: Messrs. Burns, Hayes, Brimmer, Holland, Mayo, Mitchell, Morris, Sheehan, and Clay. Vote against this action: Mr. Francis.

Absent and not voting: Messrs. Balles, Bucher, and Daane. (Mr. Clay voted as alternate for Mr. Balles.)

This action was taken on recommendation of the System Account Manager. The Manager had advised that a substantial volume of open market purchases of securities had been required in the period since the Committee's meeting on December 18, 1973, in order to offset reserve absorption resulting from market factors and that a near-term need to supply reserves was in prospect; he

had further advised that strength of the dollar in foreign exchange markets suggested that foreign official sales of U.S. Treasury bills might be heavy and that the System should be in a position to acquire some of those bills while offsetting any undesired effects on bank reserves by other means.

Mr. Francis dissented from this action because, in view of his concern over the continuing rapid rate of growth in the monetary aggregates, he preferred that additional reserves necessary to meet requirements over the next few weeks be obtained through member bank borrowings rather than provided through additions to System holdings of securities. Moreover, he believed that foreign official sales of Treasury bills should be absorbed in the market.

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Records of policy actions taken by the Federal Open Market Committee at each meeting, in the form in which they will appear in the Board's *Annual Report*, are released about 90 days after the meeting and are subsequently published in the BULLETIN.

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# Law Department

Statutes, regulations, interpretations, and decisions

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## TRUTH IN LENDING

The Board of Governors has amended Regulation Z to revoke several provisions included when the regulation was promulgated to assist creditors in making the transition to compliance with the rules.

## AMENDMENTS TO REGULATION Z

Effective March 1, 1974, Regulation Z is amended as set forth below:

1. Sections 226.6(j) and (k), 226.7(f), 226.602 and 226.605 are deleted.
2. As an incident to these amendments, § 226.6(1) is redesignated § 226.6(j).

## BANK HOLDING COMPANY AND BANK MERGER ORDERS ISSUED BY THE BOARD OF GOVERNORS

### ORDERS UNDER SECTION 3 OF BANK HOLDING COMPANY ACT

BHCO, INC.,  
HARDIN, MONTANA

#### ORDER DENYING FORMATION OF BANK HOLDING COMPANY

BHCo, Inc., Hardin, Montana, has applied for the Board's approval under § 3(a)(1) of the Bank Holding Company Act (12 U.S.C. 1842(a)(1)) of formation of a bank holding company through the acquisition of 97.8 per cent of the voting shares of Big Horn County State Bank, Hardin, Montana ("Bank").

Notice of the application, affording opportunity for interested persons to submit comments and views, has been given in accordance with § 3(b) of the Act. The time for filing comments and views has expired, and the Board has considered the application and all comments received in light of the factors set forth in § 3(c) of the Act (12 U.S.C. 1842(c)).

Applicant, a nonoperating company with no subsidiaries, was organized for the purpose of becoming a bank holding company through the acquisition of Bank, with deposits of \$16.3 million. (All banking data are as of June 30, 1973.) Bank is the larger of two banks in its relevant

banking market,<sup>1</sup> controlling approximately 66 per cent of the total commercial bank deposits therein. Upon acquisition of Bank, Applicant would become the 18th largest banking organization in Montana and hold 0.7 per cent of total commercial deposits in the State.

The purpose of the proposed transaction is to effect a transfer of the ownership of Bank from individuals to a corporation owned by the same individuals with no change in Bank's management or operations. The individuals who presently control Bank and who also organized Applicant are members of the same family.

The principals involved in this case together with other members of the same family also own 97 per cent of STS Corporation,<sup>2</sup> Billings, Montana, a one-bank holding company which owns 99.8 per cent of Security Trust and Savings Bank, Billings, Montana ("Billings Bank"). Billings Bank (deposits of \$124 million) is the largest bank in Montana, controlling 5.6 per cent of total commercial bank deposits in the State, and operates in a separate but adjacent banking market approx-

<sup>1</sup>The relevant banking market is approximated by the northern two-thirds of Big Horn County.

<sup>2</sup>STS Corporation received Board approval to become a bank holding company by Order dated November 15, 1971 (1971 Federal Reserve BULLETIN 1024).

imately 47 miles west of Bank. In addition, these principals also control Bank of Commerce, Sheridan, Wyoming (deposits of \$32 million), located approximately 88 miles south of Bank, which holds 2.8 per cent of total commercial bank deposits in Wyoming.

As indicated above, the proposed acquisition represents a change in form of ownership of Bank, and there are no significant proposed changes in the operations or services of Bank. Therefore, considerations relating to the convenience and needs of the community to be served lend no weight toward approval of the proposal. However, as discussed below, the financial condition of Applicant could impair Bank's ability to continue to serve the banking needs of the relevant market.

Under the Bank Holding Company Act, the Board is required to take into consideration the financial and managerial resources and future prospects of the proposed holding company and the bank to be acquired. In the exercise of that responsibility, the Board finds that considerations relating to the financial resources of Applicant warrant denial of the application. Applicant's earning prospects are entirely dependent upon the earnings of Bank; Applicant expects to service a \$1.5 million debt over a 12-year period through Bank dividends averaging 45 per cent of Bank's projected net income and through savings realized by the holding company from filing consolidated income tax returns. The projected earnings for Bank do not, in the Board's view, provide Applicant with the necessary financial flexibility to meet its annual debt servicing requirements as well as any unexpected problems that might arise at Bank. Furthermore, if Bank's projected rate of growth is realized, Bank's total capital funds as related to its total assets would become insufficient because of Applicant's inability to augment Bank's capital due to its substantial debt servicing requirements. The above factors strongly suggest that these financial requirements could place an undue strain on Bank and thus impair Bank's ability to be a viable banking organization in meeting the banking needs of the community which it serves. Such considerations lend weight toward denial of the application.

The Board notes that the principals of Applicant already control (through a one-bank holding company) Billings Bank, a bank with a capital ratio which has been declining under the policy of its present management. This precedent lends support to the view that the financial plan in the instant

case may not generate sufficient income from the earnings of Bank to service its acquisition debt and to maintain Bank's capital under a financially sound program.<sup>3</sup> With respect to questions of acquisition debt and debt equity ratios, the Board has been relatively liberal in the standards it has applied in cases when current or prospective owner-chief executive is establishing, or has established, a one-bank holding company to hold the direct equity interest in his bank. Such relative liberality is regarded as in the public interest in order to facilitate management succession on the community level at the nation's many smaller independent banks. In situations where this special consideration does not pertain, the Board believes it is prudent to apply somewhat more restrictive standards, as is regularly done in analyzing multi-bank holding companies.

Under the above circumstances, in addition to other facts of record, considerations relating to the financial condition and prospects of Applicant lend weight for denial of the application. While the Board recognizes that denial of the application would not necessarily affect immediately the control of Bank, the Board cannot sanction the use of a holding company structure that, because of limited financial resources, could impair the financial condition of the bank to be acquired, nor would the public interest be served by such Board action.

On the basis of all the facts in the record, and in light of the factors set forth in § 3(c) of the Act, it is the Board's judgment that the proposed acquisition would result in a bank holding company with financial resources inadequate to service its debt while maintaining Bank's capital account, and that such condition could impair the ability of Bank to meet the needs of the community which it serves. Accordingly, the Board concludes that consummation of the proposal would not be in the public interest, and that the application should be denied.

By order of the Board of Governors, effective January 15, 1974.

Voting for this action: Vice Chairman Mitchell and Governors Brimmer, Sheehan, Bucher, and Holland. Absent and not

<sup>3</sup>In a letter of comment received by the Board from the Director of the Department of Business Regulation, State of Montana, it was noted that Applicant's projection of earnings appeared optimistic and it was recommended that the debt of the proposed holding company should be substantially reduced before approval of the subject application would be appropriate.

voting: Chairman Burns and Governor Daane.

(Signed) CHESTER B. FELDBERG,  
[SEAL.] *Secretary of the Board.*

LLOYDS BANK LIMITED AND  
LLOYDS FIRST WESTERN CORPORATION,  
LONDON, ENGLAND

ORDER APPROVING FORMATION OF BANK  
HOLDING COMPANIES

Lloyds Bank Limited, London, England ("Lloyds Bank") and its wholly-owned subsidiary Lloyds First Western Corporation, Wilmington, Delaware ("Lloyds First Western"), have applied for the Board's approval under § 3(a)(1) of the Bank Holding Company Act (12 U.S.C. 1842(a)(1)) of formation of bank holding companies through the acquisition of up to 100 per cent of the voting shares of First Western Bank and Trust Company, Los Angeles, California ("Bank"). Lloyds First Western is a Delaware corporation recently organized by Lloyds Bank for the sole purpose of acquiring Bank and has engaged in no business activities and has no subsidiaries. Accordingly, the applications of Lloyds Bank and Lloyds First Western have been considered together and this Order contains the Board's findings and conclusions with respect to both such applications.

Notice of the applications, affording opportunity for interested persons to submit comments and views, has been given in accordance with § 3(b) of the Act. The time for filing comments and views has expired, and the Board has considered the applications and all comments received in light of the factors set forth in § 3(c) of the Act (12 U.S.C. 1842(c)).

Lloyds Bank, with total consolidated assets of approximately \$13.4 billion,<sup>1</sup> operates over 2,300 branches throughout England, Wales and the Channel Islands and, with its many subsidiary and associated companies, provides a comprehensive range of worldwide banking and financial services. Lloyds Bank and its banking subsidiaries control approximately \$12.4 billion of deposits making Lloyds Bank the fourth largest commercial bank in Great Britain. Lloyds & Bolsa International Bank, Limited, London, England, a wholly-owned

subsidiary of Lloyds Bank, engages in banking activities in New York City through a branch office, which holds approximately \$362 million of deposits. Lloyds Bank and its subsidiaries have no other banking offices in the United States.

Bank, which operates 96 offices throughout California, is the eighth largest commercial bank in the State as it holds \$1.1 billion of deposits representing 1.7 per cent of the total commercial bank deposits in the State.<sup>2</sup> Since Lloyds Bank and its subsidiaries do not compete with Bank in any of the relevant banking markets in California which Bank serves, consummation of the proposal would eliminate no existing competition, nor would it have a significant effect on the concentration of banking resources in any relevant area.

Although Lloyds Bank could enter any of the local banking markets in California served by Bank either *de novo* or through the acquisition of a smaller bank, the acquisition of Bank by Lloyds Bank would not have an adverse effect on potential competition because consummation of the proposal would not give Lloyds Bank a dominant share of the banking resources in any market served by Bank, nor would it appear to foreclose the entry of other banking organizations into any such markets. Moreover, it appears that consummation of the proposal may increase competition, as affiliation with Lloyds Bank should make Bank a stronger and more vigorous competitor of other California banks in local banking markets throughout the State. Accordingly, the Board concludes that competitive considerations are consistent with approval of the applications.

The financial and managerial resources and the future prospects of Lloyds Bank and its subsidiaries appear satisfactory. Since Lloyds First Western is a nonoperating corporation organized for the sole purpose of acquiring Bank, its prospects depend entirely upon those of Bank. The financial condition and future prospects of Bank appear satisfactory in view of the twofold commitment of Lloyds Bank through Lloyds First Western to inject an additional \$10 million in capital into Bank as soon as practicable after consummation of the proposal, and to increase Bank's capital in the future by reducing Bank's level of dividend payments, which have been high under its present owners.<sup>3</sup> Though Bank's management is consid-

<sup>1</sup>All banking and financial data pertaining to Lloyds Bank and its subsidiaries are as of December 31, 1972 and reflect a conversion rate of £1 = \$2.3465.

<sup>2</sup>All banking data for Bank are as of June 30, 1973.

<sup>3</sup>Bank disbursed dividends averaging 67.8 per cent of net income in the period 1969-1972.

ered satisfactory, Bank has suffered from high management turnover due to several changes in ownership during the past 12 years and uncertainty concerning the future ownership of Bank.<sup>4</sup> Approval of the proposed transaction would provide Bank with needed managerial stability and depth and would make available to Bank's management the knowledge and experience of the staff of Lloyds Bank, especially in the areas of international and wholesale banking, where Bank has not been an aggressive competitor relative to its size. In addition, as previously noted, these increased financial and managerial resources should significantly strengthen Bank's ability to compete with other California banks. Thus, considerations relating to the financial and managerial resources of Bank lend weight toward approval of the application. There is no evidence in the record to indicate that the banking needs of the areas served by Bank are not being met. However, the proposed acquisition, by increasing the financial and managerial resources available to Bank, would enable Bank to offer a wider range of services, particularly in international and wholesale banking. In retail banking, Bank would once more be able to open new branches, thus increasing services and competition in local banking markets throughout the State.<sup>5</sup> Therefore, the convenience and needs of

<sup>4</sup>Bank was established by Western Bancorporation in 1961 pursuant to an agreement with the Antitrust Division of the United States Department of Justice for the settlement of certain antitrust litigation then pending against Western Bancorporation. The Board approved this acquisition of Bank, a proposed new bank, by Western Bancorporation (then named First-America Corporation) in its Order of January 27, 1961 (47 Federal Reserve BULLETIN 157). In 1963, Bank was sold to Greatamerica Corp., Dallas, Texas, which owned no other banking organizations. Bank was again sold in 1968 to World-America Investors Corp., its present owner, a wholly-owned subsidiary of World Airways, Inc., Oakland, California, which both became one-bank holding companies as a result of the 1970 Amendments to the Act. World Airways, Inc. is a certified U. S. Supplemental Air Carrier providing charter carriage of passengers and cargo in and between the United States and many foreign countries and apparently has held Bank primarily as an investment. A proposed merger of Bank into Wells Fargo Bank, N.A., San Francisco, California, was approved by the Comptroller of the Currency on December 20, 1971, conditioned upon divestiture by Wells Fargo Bank, N.A. of all Bank's northern California banking offices to another bank approved by the Comptroller. On January 17, 1972, consummation of the merger was enjoined by an antitrust action instituted by the Antitrust Division of the United States Department of Justice, which alleged that the transaction would violate the provisions of the Clayton Antitrust Act. In October, 1972, the merger agreement between Bank and Wells Fargo Bank, N.A. was terminated due to the inability of the parties and the Antitrust Division to reach a mutually agreeable settlement.

<sup>5</sup>Bank has not opened any new branch offices in California since 1970.

the communities to be served lend some weight toward approval of the application. It is the Board's judgment that the transaction would be in the public interest and that the application should be approved.

In connection with the present application, Lloyds Bank has also applied for the Board's permission to retain its indirect investments in the voting shares of Balfour, Williamson, Inc., New York City, and of Export Credit and Marketing Corporation, New York City ("ECMC"), and of ECMC's wholly-owned subsidiaries Drake America Corporation, New York City, Drake America Corporation (P.R.), New York City, and Export Credit Corporation, New York City. These matters will be the subject of separate consideration by the Board under § 4(c)(9) of the Act.

On the basis of the record, the applications are approved for the reasons summarized above. The transaction shall not be made (a) before the thirtieth calendar day following the effective date of this Order or (b) later than three months after the effective date of this Order, unless such period is extended for good cause by the Board, or by the Federal Reserve Bank of San Francisco pursuant to delegated authority.

By order of the Board of Governors, effective December 10, 1973.

Voting for this action: Chairman Burns and Governors Brimmer, Sheehan, and Holland. Present and abstaining: Governor Bucher. Absent and not voting: Governors Mitchell and Daane.

(Signed) CHESTER B. FELDBERG,  
[SEAL] Secretary of the Board.

NORBANK, INC.,  
CHICAGO, ILLINOIS

ORDER DENYING FORMATION OF BANK HOLDING  
COMPANY

Norbank, Inc., Chicago, Illinois, has applied for the Board's approval under § 3(a)(1) of the Bank Holding Company Act (12 U.S.C. 1842(a)(1)) of formation of a bank holding company through acquisition of 98.9 per cent or more of the voting shares of Northbrook Trust & Savings Bank, Northbrook, Illinois ("Bank").

Notice of the application, affording opportunity for interested persons to submit comments and views, has been given in accordance with § 3(b) of the Act. The time for filing comments and views has expired, and the Board has considered the application and all comments received in light of

the factors set forth in § 3(c) of the Act (12 U.S.C. 1842(c)).

Applicant, a newly-formed corporation with no operating history, was organized by the principal shareholder of Bank<sup>1</sup> for the purpose of converting ownership of Bank from an individual to a corporate basis. Upon acquisition of Bank (\$41.3 million of deposits), Applicant would control .09 per cent of the total commercial bank deposits in Illinois.<sup>2</sup> The proposed sole voting shareholder of Applicant also owns a controlling voting interest in Northwestco, Inc., Chicago, Illinois, a registered bank holding company, which owns all of the outstanding voting shares (less directors' qualifying shares) of the Northwest National Bank of Chicago, Chicago, Illinois ("Northwest Bank"). While Northwest Bank has deposits of \$257.7 million and is the 12th largest bank in Illinois, the combined deposits of Bank and Northwest Bank account for less than 1 per cent of total commercial bank deposits in the Chicago banking market. In addition, Bank and Northwest Bank are separated by approximately 16 road miles and neither bank appears to derive significant business from the other's service area.<sup>3</sup> Accordingly, the Board concludes that there would be no significant increase in the concentration of banking resources in any relevant area and no significant existing or potential competition would be eliminated upon consummation of this proposal.

In applications to form one-bank holding companies, the Board has considered significant debt in acquiring a bank as an adverse circumstance. Significant acquisition debt may adversely affect the ability of a holding company to meet the financial needs of its subsidiary bank. The amount and maturity of the debt, therefore, must be considered in relation to the ability of the holding company to service the debt, and the likelihood that Bank will need capital. The debt factor is then balanced with other considerations in determining whether the acquisition would be in the public interest.

<sup>1</sup>The principal shareholder of Bank, who is also a director of Bank, presently owns 39,560 of the 40,000 outstanding shares of Bank. The remaining 440 shares of Bank are held as qualifying shares by the other directors of Bank with the understanding that they will be sold to the principal shareholder for sale to the Applicant if the application is approved.

<sup>2</sup>All banking data are as of December 31, 1972.

<sup>3</sup>Although each bank is located in Cook County (Central Chicago SMSA), Bank is located in a suburban area in the far northern tip of the county, while Northwest Bank is located on the north central side of Chicago.

Applicant, upon consummation of the proposed transaction, would incur acquisition debt in the amount of \$3,380,000, which is to be repaid with interest in 12 years with annual principal payments beginning in 1976. Applicant, in its projections, proposes to service this debt from no more than a 50 per cent dividend payout from Bank. These projections, however, appear optimistic. If earnings growth fails to keep pace with Applicant's optimistic projections, the percentage of earnings paid out as dividends of Bank might have to be increased in order to service Applicant's acquisition debt, and this, in turn, could seriously inhibit the growth of Bank's capital and have an adverse effect on Bank's ability to service its relevant market. In addition, even if Applicant's projections could be considered realistic, the requirements for servicing Applicant's substantial acquisition debt could seriously inhibit growth in Bank's capital at a rate compatible with its projected asset growth. These considerations relating to the financial and managerial resources of Applicant therefore weigh heavily against approval of this application. It should be emphasized, however, that these factors in no way reflect upon the present financial soundness of Bank, nor upon its future financial condition absent consummation of the instant proposal.

There is no evidence in the record that the convenience and needs of the residents of Bank's service area are not already adequately being served, nor that approval of the instant proposal would give rise to any significant public benefits. Considerations relating to the convenience and needs of the communities to be served thus lend no weight toward approval of the application.

On the basis of all of the circumstances of this case and the facts of record, the Board concludes that the acquisition debt involved in this proposal presents adverse circumstances bearing on the financial condition and prospects of Applicant and Bank. Such circumstances are not outweighed by any procompetitive factors or by circumstances relating to the convenience and needs of the communities to be served. Accordingly, approval of the application is not in the public interest and the application should be denied.

On the basis of the record, the application is denied for the reasons summarized above.

By order of the Board of Governors, effective January 8, 1974.

Voting for this action: Vice Chairman Mitchell and Governors Brimmer, Sheehan, and Holland. Absent and not voting:

Chairman Burns and Governors Daane and Bucher.

(Signed) CHESTER B. FELDBERG,  
[SEAL] *Secretary of the Board.*

FIRST CITY BANCORPORATION  
OF TEXAS, INC.,  
HOUSTON, TEXAS

ORDER APPROVING ACQUISITIONS OF BANKS

First City Bancorporation of Texas, Inc., Houston, Texas, a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval under § 3(a)(3) of the Act (12 U.S.C. 1842(a)(3)) to acquire all of the voting shares (less directors' qualifying shares) of the successors by merger to (1) The First National Bank of San Angelo, San Angelo, Texas ("San Angelo Bank"); and (2) The First National Bank of Paris, Paris, Texas ("Paris Bank"). The banks into which San Angelo Bank and Paris Bank are to be merged have no significance except as a means to facilitate the acquisition of the voting shares of San Angelo Bank and Paris Bank. Accordingly, the proposed acquisitions of the shares of the successor organizations are treated herein as the proposed acquisitions of the shares of San Angelo Bank and Paris Bank.

Notice of the applications, affording opportunity for interested persons to submit comments and views, has been given in accordance with § 3(b) of the Act. The time for filing comments and views has expired, and none have been timely received. The Board has considered the applications in light of the factors set forth in § 3(c) of the Act (12 U.S.C. 1842(c)).

Applicant controls 18 banks with aggregate deposits of \$2.4 billion representing approximately 7 per cent of total deposits in commercial banks in Texas.<sup>1</sup> Acquisition of San Angelo Bank (deposits of \$53.4 million) and of Paris Bank (deposits of \$31.9 million) by Applicant would not significantly increase the concentration of banking resources in Texas.

San Angelo Bank ranks as the third largest bank in its relevant banking market with approximately 22.5 per cent of deposits in the market.<sup>2</sup> There is no substantial existing competition between any

of Applicant's banking subsidiaries and San Angelo Bank, nor is there a reasonable probability of substantial future competition developing between any of Applicant's banking subsidiaries and San Angelo Bank due to the distances involved and Texas branching laws. Affiliation of San Angelo Bank with Applicant may enable the former to become a more vigorous competitor of the largest bank which controls approximately 36 per cent of deposits in the market and is presently affiliated with a large Texas bank holding company.

The Board, in its opinion on the application by First International Bancshares, Dallas, to acquire the Citizens First National Bank of Tyler, indicated a concern with the trend toward acquisitions by the largest holding companies in Texas of leading banks in secondary SMSAs. The acquisition of San Angelo Bank is a marginal case but does not warrant denial. San Angelo Bank is not of such an absolute size that the proposed acquisition will significantly contribute to an imbalance in state structure; nor will the acquisition retard the development of the smaller holding companies by removing those larger size banks in secondary SMSA markets which could serve as principal members of such smaller organizations.

Paris Bank is the largest bank in its relevant banking market controlling about 40.5 per cent of deposits in the market.<sup>3</sup> There is no substantial existing competition between any of Applicant's banking subsidiaries and Paris Bank, nor is there a reasonable probability of future competition developing between Applicant's banking subsidiaries and Paris Bank due to the distances involved and Texas branching law. Nor is there any substantial existing competition or probability of substantial competition developing between San Angelo and Paris Bank due to the distance between the two. Further, Applicant cannot be considered a probable future entrant into the Lamar County market since the market is relatively unattractive as measured by the population and deposits per banking office ratios, which are considerably lower than the comparable Statewide averages, and also due to the low population growth from 1960 to 1970 of Lamar County compared to the population growth of the State as a whole during that period. Based on these and other facts of record, the Board

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<sup>1</sup>All banking data are as of June 30, 1973, and reflect bank holding company formations and acquisitions approved by the Board through November 30, 1973.

<sup>2</sup>The relevant banking market for analysis of the acquisition of the San Angelo Bank is approximated by the San Angelo SMSA.

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<sup>3</sup>The relevant banking market for analysis of the acquisition of the Paris Bank is approximated by Lamar County. Lamar County is not classified as a secondary SMSA.

concludes that the competitive considerations of both applications are consistent with approval.

The financial and managerial resources and future prospects of Applicant, its subsidiary banks, and San Angelo Bank and Paris Bank are generally satisfactory particularly in view of Applicant's commitment to add capital to San Angelo Bank, Paris Bank, and one of its other banking subsidiaries. This factor weighs in support of approval of both applications. Considerations relating to the convenience and needs of the communities to be served are consistent with approval of the applications. The Board concludes that both applications are in the public interest and should be approved.

On the basis of the record, the applications are approved for the reasons summarized above. The transactions shall not be made (a) before the thirtieth calendar day following the effective date of this Order or (b) later than three months after the effective date of this Order unless such period is extended for good cause by the Board or by the Federal Reserve Bank of Dallas pursuant to delegated authority.

By order of the Board of Governors, effective January 2, 1974.

Voting for this action: Vice Chairman Mitchell and Governors Daane, Brimmer, and Holland. Absent and not voting: Chairman Burns and Governors Sheehan and Bucher

(Signed) CHESTER B. FEIDBERG,  
*Secretary of the Board.*

[SEAL]

#### CONCURRING STATEMENT OF GOVERNOR DAANE:

I concur in the decision of the majority to approve the applications to acquire San Angelo Bank and Paris Bank. However, I cannot concur in the majority's attempt to distinguish its approval of Applicant's acquisition of San Angelo Bank from the Board's denial of the application of First International Bankshares, Inc., Dallas, Texas, to acquire Citizens First National Bank of Tyler, Tyler, Texas, from which I dissented. San Angelo Bank is one of the three leading banks in a secondary SMSA in Texas. Though ranking third in such SMSA as opposed to the number one rank of Tyler in its SMSA, there is no significant difference in their respective market shares nor is the Tyler SMSA that much more attractive an area for entry than the San Angelo SMSA. For this reason, I concur in the result but not the reasoning by which the result is reached.

#### FIRST FINANCIAL CORPORATION, TAMPA, FLORIDA

#### ORDER DENYING ACQUISITION OF BANK

First Financial Corporation, Tampa, Florida, a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval, under § 3(a)(3) of the Act (12 U.S.C. 1842(a)(3)), to acquire 90 per cent or more of the voting shares of Citizens Bank and Trust Company ("Quincy Bank"), Quincy, Florida.

Notice of the application, affording opportunity for interested persons to submit comments and views, has been given in accordance with § 3(b) of the Act. The time for filing comments and views has expired, and the Board has considered the application and all comments received in light of the factors set forth in § 3(c) of the Act (12 U.S.C. 1842(c)).

Applicant controls 15 banks with aggregate deposits of \$878.6 million representing about 4.0 per cent of deposits in commercial banks in Florida.<sup>1</sup> Acquisition of Quincy Bank (deposits of \$16.9 million) by Applicant would not significantly increase the concentration of banking resources in Florida.

Quincy Bank is the second largest among banks in the relevant banking market, with control of about 32 per cent of deposits in commercial banks in the market.<sup>2</sup> Though Applicant is not presently represented in this market, the Board has today approved Applicant's acquisition of the third largest bank in the market, Gadsden State Bank. If the Board also approved the application to acquire Quincy Bank, consummation of both acquisitions would result in Applicant having approximately a 47 per cent share of the market and controlling two of the four alternative sources of banking services in the market. The Board considers such concentration of market power through acquisition to be undesirable particularly in view of the fact that the relevant market is not likely to attract future entry in the reasonably foreseeable future. The population of the market has declined over

<sup>1</sup>All banking data are as of June 30, 1973, and represent bank holding company formations and acquisitions approved by the Board through November 30, 1973. The total of banks controlled by Applicant does not include Gadsden State Bank, Chattahoochee, Florida, whose acquisition by Applicant has been approved by the Board as of this date.

<sup>2</sup>The relevant banking market is approximated by Gadsden County and a small portion of Jackson County, both of which counties are located in the panhandle area of Florida.

the last ten years, the per capita income is significantly below that in the State as a whole, and the population and deposits per banking office ratios are also lower than Statewide ratios. There is not a reasonable probability of future entry that would lessen the concentration of banking resources in the market that would result from approval of both the application to acquire Quincy Bank and that to acquire Gadsden Bank. Based on the facts of record, the Board concludes that consummation of the transaction herein would have a substantially adverse effect on competition in the market.

The financial and managerial resources and future prospects of Applicant, its subsidiary banks, and Bank are regarded as generally satisfactory and consistent with approval of the application. However, these factors do not outweigh the substantial adverse effects that would result from consummation of this transaction. Applicant's acquisition of Bank would provide Bank with additional capabilities that it might not be able to obtain on its own. However, these considerations are not sufficient to outweigh the substantial adverse effects described above. Moreover, these capabilities could probably be obtained through affiliation of Bank with another banking organization not presently represented in the market. The Board concludes that the proposed transaction is not in the public interest and should be denied.

On the basis of the record, the application is denied.

By order of the Board of Governors, effective December 27, 1973.

Voting for this action: Vice Chairman Mitchell and Governors Daane, Brimmer, and Holland. Absent and not voting: Chairman Burns and Governors Sheehan and Bucher.

(Signed) THEODORE E. ALISON,  
[SEAL] *Assistant Secretary of the Board.*

THE JACOBUS COMPANY AND INLAND  
FINANCIAL CORPORATION,  
MILWAUKEE, WISCONSIN

ORDER APPROVING ACQUISITION OF BANK

The Jacobus Company ("Jacobus") and its 43.1 per cent owned subsidiary, Inland Financial Corporation ("Inland") both of Milwaukee, Wisconsin, which are bank holding companies within the meaning of the Bank Holding Company Act, have applied for the Board's approval under § 3(a)(3) to acquire all (except for directors' qualifying shares) of the voting shares of Heritage Bank of

West Bend, West Bend, Wisconsin ("Bank"). The acquisition will be made by Inland and as a result Jacobus will indirectly acquire voting shares of Bank.

Notice of the application, affording opportunity for interested persons to submit comments and views, has been given in accordance with § 3(b) of the Act. The time for filing comments and views has expired, and the Board has considered the application and all comments received in light of the factors set forth in § 3(c) of the Act (12 U.S.C. 1842(c)).

Applicants control three banks with deposits of approximately \$97 million, representing less than 1 per cent of the total deposits of commercial banks in the State of Wisconsin. (All data are as of December 31, 1972.) Bank commenced operations on April 30, 1973, and its deposit totals are as yet insignificant on a State-wide analysis. Bank was organized by Inland's President in March, 1973. Funds for the acquisition were provided by an independent third bank which loaned 100 per cent of the purchase price (\$600,000) at the prime interest rate to Inland's President.

Bank's market area is approximated by upper two-thirds of Washington County. Applicants have banking offices within the SMSA, but the nearest office is 27 miles from Bank. Applicants' non-banking subsidiaries do not operate in Bank's relevant market. Even if the affiliation between Bank and Applicants did not exist, consummation of the proposed transaction would not appear to have a significant adverse effect on existing or future competition between Applicants or their subsidiaries and Bank. Furthermore, it appears that Bank's entry into the West Bend banking market, where the top two of the eight banking organizations in the area already control about two-thirds of the deposits held by the area's commercial banks, will have salutary effects on the market by adding an additional competitor. Consummation of the proposed transaction would appear to have no significant adverse effects on existing or potential competition in any relevant area.

Considerations relating to the financial condition, managerial resources and prospects of Applicants, their subsidiary banks, and Bank are generally satisfactory and consistent with approval of the applications. In this connection the Board considered Inland's representations that it will inject \$500,000 of equity capital into its Milwaukee bank subsidiary by December, 1974. Considerations relating to the convenience and needs of



the community to be served also are consistent with approval of the application.

As stated, Inland's President organized Bank in March, 1973, and now Inland is seeking permission to buy Bank from its President. In a contract of sale dated March 29, 1973, Inland agreed, in part, that should the Board not approve this transaction, Inland would reimburse its President for any loss sustained by him upon sale of Bank within five years. The Board believes that an indemnification clause in situations such as this offers a potential for shifting the risk of economic loss to the holding company, and that such a provision is an indicium of "control" (as that term is used in § 2(a)(2) of the Bank Holding Company Act). In a given case, an examination of the circumstances attending such an agreement could result in a finding by the Board that an indemnification agreement and/or other action of an applicant constitutes control of a bank or other company, which if occurring without prior approval of the Board, constitutes a violation of the Act. Upon study of the facts in the instant case, the Board finds that no violation of the Act is apparent. Any applicant before the Board is well advised, however, to avoid use of any indemnification, option, or other reimbursement provisions in such manner as to give rise to a question of whether the assumption of risk or other liability assumption may be found to constitute control over the bank or other organization involved.

As noted in the Board's Order dated February 25, 1972 (1972 Federal Reserve BULLETIN 306), approving Applicants' acquisition of the voting shares of Heritage Bank-Mayfair, Wauwatosa, Wisconsin, Jacobus has filed a declaration, pursuant to § 4(c)(12) of the Bank Holding Company Act, that it will cease to be a bank holding company by January 1, 1981. In addition, as the Board stated in the earlier Order, Jacobus has committed itself to divest itself of its interest in Inland within 90 days of the passage of enabling legislation permitting distribution of Inland's shares to Jacobus shareholders on a tax free basis. Also, Inland has agreed to divest itself of its interest in Goetze-Haessler-James, Inc., an insurance company subsidiary, no later than May 31, 1974 if Federal income tax legislation has been enacted by that date.

On the basis of the record and in view of the aforesaid commitments, the application is approved for the reasons summarized above. The transaction shall not be made (a) before the thirtieth calendar day following the effective date of

this Order or (b) later than three months after the effective date of this Order, unless such period is extended for good cause by the Board, or by the Federal Reserve Bank of Chicago pursuant to delegated authority.

By order of the Board of Governors, effective January 9, 1974.

Voting for this action: Chairman Burns and Governors Mitchell, Brimmer, Sheehan, and Holland. Absent and not voting: Governors Daane and Bucher.

(Signed) CHESTER B. FELDBERG,  
[SEAL.] *Secretary of the Board.*

MID AMERICA BANCORPORATION, INC.,  
MENDOTA HEIGHTS, MINNESOTA

ORDER DENYING ACQUISITION OF BANK

Mid America Bancorporation, Inc., Mendota Heights, Minnesota, a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval under § 3(a)(3) of the Act (12 U.S.C. 1842(a)(3)) to acquire 100 per cent of the voting shares (less directors' qualifying shares) of The First National Bank of Lakeville, Lakeville, Minnesota ("Bank").

Notice of the application, affording opportunity for interested persons to submit comments and views, has been given in accordance with § 3(b) of the Act. The time for filing comments and views has expired, and none has been timely received. The Board has considered the application in light of the factors set forth in § 3(c) of the Act (12 U.S.C. 1842(c)).

Applicant controls eight banks with total deposits of \$105 million, representing .9 per cent of total commercial bank deposits held by Minnesota banks, and is the sixth largest banking organization in the State. (All banking data are as of June 30, 1973, and reflect formations and acquisitions approved through December 31, 1973.) The acquisition of Bank (\$8 million deposits) would increase Applicant's share of deposits by less than one per cent and its rank among the State's banking organizations would not change. It appears, therefore, that consummation of the proposal would not result in a significant increase in the concentration of banking resources in the State.

Bank, the only commercial bank in Lakeville, is located just within the perimeter of the Minneapolis-St. Paul banking market and, with .1 of one percentage point of the total deposits in the market, is one of the smaller banking organizations

operating therein. With seven of Applicant's subsidiary banks operating in the relevant market, Applicant controls 1.5 per cent of market deposits and is the sixth largest banking organization in the market. The nearest office of any of Applicant's subsidiary banks to an office of Bank is 13 miles to the north, and it appears that there is no significant present competition between any of Applicant's subsidiary banking offices and Bank. Moreover, in view of the distances involved and the large number of banking organizations in the market (over 100), it appears unlikely that consummation of the proposal would foreclose the development of significant potential competition between Applicant and Bank. Accordingly, the Board regards competitive considerations as being consistent with approval of the application.

The present financial condition and managerial resources of Applicant are considered to be generally satisfactory. However, in connection with the proposed acquisition of Bank, Applicant would incur a debt of approximately \$1.5 million in order to finance the purchase of Bank and to provide capital for its subsidiary banks. Since becoming a one-bank holding company in January 1969, Applicant has acquired seven additional banks, including three *de novo* institutions. In the Board's view, the increased debt position attributable to the proposed acquisition could impair Applicant's future ability to meet the capital needs of its existing subsidiaries, particularly the newly formed banks. In this connection, the Board has previously indicated its position that a holding company should be a source of financial strength for the banks in its system and that every proposed acquisition should be closely examined to determine whether consummation thereof would serve the best interest of the public as well as the banks in the holding company system. In reviewing such factors in this case, it is the judgment of the Board that the financing plan proposed by Applicant does not provide Applicant with the necessary financial flexibility to meet the financial needs of its present subsidiary banks or Bank. Consequently, on the basis of the facts of this case, the Board finds that considerations relating to the banking factors lend weight for denial of the application.

With respect to convenience and needs considerations, there is no evidence in the record that the major banking needs of the communities to be served are not being met by existing institutions. Applicant states that it will assist Bank in expanding its commercial lending activities and may provide Bank with new banking facilities.

While the proposed assistance to be rendered could possibly enable Bank to better serve the public, Applicant's ability to provide meaningful assistance to Bank appears doubtful in view of its proposed debt structure and the need to service its other subsidiary banks with additional capital. Moreover, the ability of Applicant's other subsidiaries to continue their present range of banking services may be hampered because of Applicant's impaired capacity, under the financing plan proposed, to provide its subsidiaries with additional capital if the need arises. Thus, the Board is unable to conclude that considerations relating to the convenience and needs provide any weight for approval of the application.

In its consideration of the proposal, the Board noted that the application contains information indicating a previous purchase of the stock of Bank by the Chairman of the Board of Applicant pending a Board determination with regard to the proposed acquisition. The record also indicates that there is an agreement between Applicant and its Chairman whereby the Chairman, if required to sell the stock to other than Applicant, would be reimbursed for any loss incurred by such sale of the bank stock not to exceed 25 per cent of the contract price, and that Applicant would share in a portion of any profits resulting from such sale. As recently noted in another case involving a similar agreement with an indemnification clause between an Applicant and one of its officers, the Board is seriously concerned with proposals that indicate a holding company, acting through its officers or directors, may have gained control of the shares of a bank (or nonbank concern) without specific Board approval, as required by the Act.<sup>1</sup> Accordingly, to re-emphasize the point earlier noted by the Board, bank holding companies should be circumspect in entering into *any* agreement which might reasonably indicate that the holding company has in fact acquired a measure of control over the shares involved, since such action could subject the company to criminal penalties under § 8 of the Act. On this basis, and in view of the Board's action herein, Applicant should desist from taking any direct or indirect action to control the management or policies of Bank and should take all appropriate action to

<sup>1</sup>See Board Order of January 9, 1974, relating to the applications of Jacobus Company and Inland Financial Corporation, both of Milwaukee, Wisconsin, to acquire Heritage Bank of West Bend, West Bend, Wisconsin.

terminate any control relationship that may exist with respect to shares of Bank.

On the basis of all the facts in the record, and in light of the factors set forth in § 3(c) of the Act, it is the Board's judgment that the proposed acquisition would result in a bank holding company with financial resources inadequate to service its debt without undue risk to the financial condition of its present subsidiaries and Bank, and that such condition could impair the ability of such banks to meet the needs of the communities served. Accordingly, the Board concludes that consummation of the proposal would not be in the public interest, and that the application should be denied.

By order of the Board of Governors, effective January 31, 1974.

Voting for this action: Governors Brimmer, Sheehan, Bucher, and Holland. Absent and not voting: Chairman Burns and Governors Mitchell and Daane.

(Signed) CHESTER B. FELDBERG,  
[SEAL] *Secretary of the Board.*

OLD KENT FINANCIAL CORPORATION,  
GRAND RAPIDS, MICHIGAN

ORDER DENYING ACQUISITION OF BANK

Old Kent Financial Corporation, Grand Rapids, Michigan, a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval under § 3(a)(3) of the Act (12 U.S.C. 1842(a)(3)) to acquire all of the voting shares of the successor by merger to National Lumberman's Bank and Trust Company, Muskegon, Michigan ("Bank"). The bank into which Bank is to be merged has no significance except as a means to facilitate the acquisition of the voting shares of Bank. Accordingly, the proposed acquisition of shares of the successor organization is treated herein as the proposed acquisition of the shares of Bank.

Notice of the application, affording opportunity for interested persons to submit comments and views, has been given in accordance with § 3(b) of the Act. The time for filing comments and views has expired, and none has been timely received. The Board has considered the application in light of the factors set forth in § 3(c) of the Act (12 U.S.C. 1842(c)).

Applicant, which controls four banks with aggregate deposits of approximately \$775 million, representing 3.0 per cent of the total deposits in commercial banks in Michigan, is the sixth largest banking organization in the State. Acquisition of

Bank (deposits of \$105 million) would increase Applicant's rank among State organizations to fifth; however, Applicant's share of the State deposits would be increased by less than one percentage point which would not significantly increase the concentration of banking resources on a State-wide basis.<sup>1</sup>

Bank is the second largest of three banks headquartered in the city of Muskegon (population 44,631), and with 24.3 per cent of total deposits in the Muskegon-Grand Haven banking market,<sup>2</sup> is the second largest of five banks in that market. The largest bank in the market and the third in size, both headquartered in Muskegon, control respectively, about 32 and 19 per cent of total deposits in commercial banks in the market. The fourth and fifth largest banks are both headquartered in Grand Haven and control 13 and 11.5 per cent, respectively, of total deposits in commercial banks in the market.<sup>3</sup>

Applicant's lead bank, Old Kent Bank and Trust Company ("Old Kent"), is located in Grand Rapids, approximately 35 miles east of Bank. Old Kent, with deposits of about \$688 million, is the largest banking organization in the Grand Rapids banking market and controls 49 per cent of the commercial bank deposits located in that market. While Bank and Old Kent are in banking markets that are regarded as separate at this time, there is some existing competition between them. Old Kent obtains over \$1 million in deposits and derives almost \$5 million in loans from Bank's service area and has a high percentage of trust clients in the Bank's service area. Bank obtains over \$3 million in deposits from Old Kent's service area. This competitive overlap between Bank and Old Kent is likely to increase in the future. Consummation of the proposal would thus eliminate existing competition as well as the probability of increased competition developing between them in the future.

Also, due to its size, proximity to the relevant market and recent record of expansion in this area of Michigan, Applicant is considered to be one of the most likely entrants into the Muskegon-Grand Haven market. Applicant has the resources

<sup>1</sup>State banking data are as of June 30, 1973, adjusted to reflect bank holding company formations and acquisitions approved by the Board through November 1, 1973.

<sup>2</sup>The Muskegon-Grand Haven banking market is approximated by the Muskegon-Grand Haven Ranally Metro Area which consists of most of Muskegon County and the northwest corner of Ottawa County.

<sup>3</sup>Market data are as of June 30, 1972.

and expertise to enter the Muskegon-Grand Haven market *de novo*. While the city of Muskegon does not appear particularly attractive for *de novo* entry, the Board finds that the relevant market appears to be capable of supporting new entry. The population per banking office ratio of 6,500 is well above the State average of 5,495, while the deposits per banking office ratio of \$14.5 million is only slightly lower than the State average of \$15.3 million. In addition, at least one section of the market, the city of Norton Shores, which has demonstrated rapid growth (with population increase of 25 per cent in the period 1960-70) and has a population per banking office ratio of 7,432 relative to the State average of 5,495, could support new entry. Within this community, three branches of other banking organizations are located, but no home offices. Due to the fact that Michigan law prohibits additional banks from establishing branches there, it would appear that Norton Shores is a viable area for new entry. Given these factors, the Board concludes that consummation of the proposed acquisition would eliminate the likelihood that Applicant would enter *de novo* and thus would have an adverse effect on potential competition.

The Board is further concerned that Applicant is in the process of acquiring a position of dominance in a four-county region in western Michigan (approximated by Kent, Ottawa, and Muskegon Counties, plus the lower one-third of Newaygo County). Within this four-county region are located the Grand Rapids, Holland, Fremont and Muskegon-Grand Haven banking markets. Applicant is the leading organization in the Grand Rapids market, and has just consummated significant acquisitions in the Holland and Fremont markets, both adjacent to the Grand Rapids market. Applicant now proposes to acquire the second largest bank in the Muskegon-Grand Haven market, another market with close proximity to Grand Rapids. At present, Applicant controls approximately 37 per cent of the total deposits in this four-county region. Consummation of the present proposal would increase Applicant's share of deposits in the region to about 42 per cent, whereas, the second largest banking organization in the region, Union Bank and Trust Company, Grand Rapids (deposits of \$313.5 million), holds 15.6 per cent of the total deposits. Approval of this application would amplify the present size disparity among the banking organizations in this area of the State, as well as increasing concentration. The Board believes that, were this trend

allowed to continue, it would have significantly adverse effects upon competition in this area of Michigan. In addition, approval of this acquisition would remove Bank as an entry vehicle for a bank holding company not already represented in this region and thus it would make deconcentration less likely.

On the basis of the foregoing and other facts of record, the Board concludes that competitive considerations relating to this application weigh sufficiently against approval so that it should not be approved unless the anticompetitive effects are outweighed by considerations relating to the financial and managerial resources and future prospects of Applicant and Bank or the convenience and needs of the communities to be served.

The financial and managerial resources and future prospects of Applicant and its subsidiary banks are regarded as satisfactory and consistent with approval of the application. Bank has sound financial resources and satisfactory management, but its earnings are below those of other banks in its size class in Michigan, and prospects for Bank's management succession are uncertain. While Applicant has the resources to remedy Bank's problems, it appears to the Board that those problems could be remedied by other less anticompetitive means.

Applicant has indicated that it would effect changes in Bank's services in the areas of its physical facilities, management, trust services, international services and services for larger commercial customers. However, there is no evidence that the banking needs of the relevant market are not presently being met.

The Board finds that the anticompetitive aspects of the proposed acquisition are not outweighed by considerations relating to financial and managerial resources or the probable effect of the transaction in meeting the convenience and needs of the community to be served.

On the basis of all relevant facts in the record, the Board concludes that approval of the proposed acquisition is not in the public interest, and the application is denied for the reasons summarized above.

By order of the Board of Governors, effective January 25, 1974.

Voting for this action: Chairman Burns and Governors Mitchell, Brimmer, Bucher, and Holland. Voting against this action: Governors Daane and Sheehan.

(Signed) CHESTER B. FELDBERG,  
[SEAL] Secretary of the Board.

DISSENTING STATEMENT OF  
GOVERNORS DAANE AND SHEEHAN

We dissent from the majority's denial of this application. In our view, any slight anti-competitive effects that might result from the proposal are outweighed by the public benefits that would result from the increased competition and financial expertise that would accompany Applicant's entry into the Muskegon-Grand Haven banking market.

Bank appears to be a relatively conservative banking organization that faces problems in the areas of capital requirements and management succession. Applicant's acquisition of Bank would strengthen Bank's equity base, supplement present management, and significantly improve the competitive climate in the Muskegon-Grand Haven market.

We disagree with the majority's conclusion that significant existing competition would be eliminated between Bank and Applicant's lead bank, Old Kent, by consummation of the proposed acquisition. Old Kent and Bank compete in different geographic areas; Grand Rapids and Muskegon are 35 miles apart and both communities are local economic and financial centers. Old Kent derives an insignificant amount of deposits and loans from the Muskegon area, representing less than 0.3 and 1.8 per cent, respectively, of the deposits and loans in the relevant market. The loans that Old Kent does obtain from the Muskegon area tend to be of a commercial and industrial nature and of such size that they normally cannot be serviced by the local Muskegon banks. Bank draws only an insignificant portion of the deposits in the Grand Rapids banking market. Accordingly, we believe the only conclusion that can be drawn is that there is no significant existing competition between Bank and Old Kent.

While consummation of the proposed acquisition would eliminate the possibility of potential competition between Applicant and Bank, we do not believe the development of potential competition to be likely, either by means of Applicant's entry into the market *de novo* or by foothold acquisition. The population of the city of Muskegon has decreased 5 per cent in the past decade while there has been a 13 per cent population gain for the State. Other indicators such as the deposits per banking office ratio (\$14.5 million for the Muskegon market versus \$15.3 million for the State) also suggest the market is not especially attractive for *de novo* entry. Further, no opportunity exists for the acquisition of a smaller bank

in the city of Muskegon in view of the fact that the remaining two banks approximate Bank's size. We find it difficult, therefore, to accept the hypothesis that Applicant is a likely entrant into the Muskegon-Grand Haven market and we conclude that there would be no significant elimination of existing or potential competition as a result of the proposed acquisition.

The majority has apparently included as a basis for denial a concept of "regional dominance" by Applicant in a four-county area of western Michigan, contending that Applicant's presence in the Holland, Fremont and Grand Rapids market, in conjunction with the proposed acquisition in Muskegon, would give Applicant a disproportionate share of the total deposits in the region and adversely affect competition there. We do not consider the four-county region as a relevant area in which to assess the competitive impact of this proposal. Concentration ratios are only meaningful when applied in a market context; and in our view, the proper geographic area is the Muskegon-Grand Haven banking market. We are further concerned that this approach can lead to "gerrymandering" on a case-by-case basis of areas within which competitive effects are measured. We therefore believe the majority's conclusion that the size disparity between Applicant and the next largest bank holding company in the region will have significantly adverse effects on competition in the region to be an improper basis for denial.

We believe the competitive implications of the proposed acquisition should be viewed in terms of developments in Michigan's banking structure. In recent years, Michigan has undergone significant structural changes in its major markets as bank holding companies have expanded from their local markets into neighboring financial centers. We expect this movement to continue as it has in other States such as Florida, Texas and Missouri. In our judgment, Grand Rapids, as Michigan's second largest metropolitan area, would be a likely target for a host of new entrants made up of the State's largest banking organizations. Two major Michigan bank holding companies are either presently or soon to be significant competitors in that market. Entry into other banking markets in western Michigan is also likely as other organizations expand. Accordingly, we disagree with the majority's conclusion that consummation of the proposed acquisition would have adverse effects on competition in this area of western Michigan.

We find significant public benefits associated

with this proposal. The financial and managerial expertise of Applicant, as one of the State's leading organizations, should assist Bank in the expansion of its business and consumer loans. Applicant has already agreed to inject substantial capital into Bank to bring it up to the level of other banks in its size class in Michigan. Further, Applicant will provide additional expertise to Bank in the areas of commercial and farm lending and international services. In addition, other banking factors clearly add to the case for approval.

For the foregoing reasons, we conclude that the benefits to the public to be derived from this proposal outweigh any slight adverse effects on competition. Accordingly, we would approve this application.

**ORDERS UNDER SECTION 4(c)(8) OF  
BANK HOLDING COMPANY ACT**

THE CITIZENS AND SOUTHERN NATIONAL  
BANK, CITIZENS AND SOUTHERN HOLD-  
ING COMPANY, ATLANTA, GEORGIA

ORDER DENYING ACQUISITION OF ISON FINANCE  
CORPORATION

The Citizens and Southern National Bank and Citizens and Southern Holding Company, its subsidiary, both of Atlanta, Georgia, and both bank holding companies within the meaning of the Bank Holding Company Act, have applied for the Board's approval, under § 4(c)(8) of the Act and § 225.4(b)(2) of the Board's Regulation Y, to acquire shares of Ison Finance Corporation ("Company"), Atlanta, Georgia.

Notice of the applications, affording opportunity for interested persons to submit comments and views on the public interest factors, has been duly published (38 Federal Register 22826). The time for filing comments and views has expired, and none has been timely received.

The Citizens and Southern National Bank ("Bank") is the largest banking organization in the State of Georgia and in the Atlanta market area, with total market deposits of \$1.3 billion.<sup>1</sup>

Company is engaged in the consumer finance and consumer sales finance business, operating seven offices in Florida, seven in Alabama, two in North Carolina, two in Georgia, one in South Carolina, and one in Louisiana. It had outstandings

amounting to \$12.6 million as of year-end 1972. Company's activities are of the type determined by the Board to be closely related to banking (12 CFR 225.4 (a)(1)).

Company maintains an office in Fulton County which is part of the Atlanta market.<sup>2</sup> That office had \$0.4 million in loans outstanding as of December 31, 1972, representing only 0.37 per cent of total direct consumer finance company loans outstanding in that area on that date. Bank and its subsidiaries held direct consumer loans and consumer paper outstanding of \$66.5 million deriving from the Atlanta area at year-end 1972, representing approximately 44 per cent of bank consumer credit in the Atlanta market. However, if consumer loans by consumer finance companies and credit unions are considered as well as those by banks, Bank's market share roughly approximates 17 per cent, and Company's 0.1 per cent.<sup>3</sup> Hence, consummation of the proposed transaction would not significantly increase Applicants' market share in the Atlanta area.

Applicants state that the Georgia consumer finance company licensing authority is unlikely in the near future to grant licenses to new consumer finance offices due to a backlog of license applications and contend that therefore their ability to expand their consumer loan activities through *de novo* means is restricted. Applicants' contention notwithstanding, Bank and its indirect banking subsidiaries are already present in the Atlanta market and have substantial means available to increase their consumer lending activities in that area. However, any adverse effect consummation of the proposed transaction may have on future competition in consumer lending in the area would not be significant in view of the fact that individual borrowers in the Atlanta area may seek consumer loans from more than 80 consumer finance companies with 249 offices, 68 State-chartered credit unions, and 56 commercial banks in the area.

The Macon office of Company held \$1.3 million in outstandings at year-end 1972. Only \$0.4 million of that total represented direct consumer loans, and the remainder consisted of purchased consumer paper. Company originated approximately 2 per cent of total direct consumer loans outstanding held by consumer finance companies

<sup>2</sup>The Atlanta market is approximated by Fulton, DeKalb, Gwinnett, Clayton, and Cobb Counties

<sup>3</sup>These market shares are computed from a total that includes bank purchases of consumer paper but does not include consumer finance company purchases of consumer paper, data for which is unavailable.

<sup>1</sup>Banking data are as of December 31, 1972. Included in these figures are the deposits of Bank and subsidiaries, including "five per cent affiliates" of Citizens and Southern Holding Company.

in the Macon area at year-end 1972 (roughly 1 per cent<sup>4</sup> of total consumer credit<sup>5</sup> outstanding in the area). Seven branches of Bank located in Bibb County, in which the City of Macon is located, held \$9.8 million in consumer credit outstanding as of that date, representing 49 per cent of bank consumer credit in that County and approximately 24 per cent<sup>4</sup> of total consumer credit outstanding in that County. Bank apparently ranks thereby as the largest consumer lender in the Macon area. It is estimated that the aggregate market shares of the four largest consumer lenders in the Macon area amount to 51 per cent.<sup>4</sup> Although in another context the amount of existing competition that would be eliminated by approval of the applications may not be considered significant, where, as here, an applicant is already dominant in a concentrated market, its elimination of any independent competitive alternative is viewed as a significant adverse effect.<sup>6</sup>

As Applicants presently do not compete in any geographic market in which Company competes outside the State of Georgia, consummation of the proposed transaction would not adversely affect existing competition in those markets; nor would future competition in those markets be adversely affected as a substantial number of competitors are represented in each of those markets, and the proposed transaction may properly be characterized as a "foothold entry" into those markets.

In its consideration of these applications, the Board has examined certain covenants contained in five-year employment agreements that, if the transaction is consummated, would be entered into with certain principal executives who are also

shareholders, but apparently not the sole shareholders, of Company. The covenants are to the effect that the respective executives refrain from competing with Applicants during the terms of their employment. The Board has found that such covenants are reasonable in scope, duration, and geographic area. Two employment agreements, however, contain additional covenants to the effect that the respective executives would refrain from competing with Applicants for an additional seven years after termination of employment. The record does not suggest that the executives who would enter into such covenants would be privy to information that could be characterized as trade or business secrets of Company; nor does it suggest that the duration of such covenants would be necessary to protect the good will of Company. Courts have repeatedly refused to enforce such post-employment covenants entered into by employees of consumer finance companies where such covenants are of greater duration than is necessary to protect a legitimate interest of the employer.<sup>7</sup> In addition, where a post-employment covenant binds a management employee whose duties are not such as to bring him into substantial contact with its customers, the covenant, in the absence of protection of trade or business secrets, would not be enforced by the courts.<sup>8</sup> Further, even if the covenants are viewed as ancillary to the proposed purchase of shares of Company by Applicant, the Board finds that the durations of the covenants are longer than necessary to protect the good will proposed to be acquired. Since the Board finds that the respective post-employment covenants in the instant case are not necessary to protect a legitimate interest of Applicants as purchasers or as employers, the Board concludes that such covenants are in restraint of trade and therefore constitute a significant adverse factor in its consideration of the applications.

There is no evidence in the record indicating that consummation of the proposed transaction would result in any unfair competition, conflicts of interests, or unsound banking practices. It is

<sup>4</sup>This market share is computed from a total that includes bank purchases of consumer paper, but does not include consumer finance company purchases of consumer paper, data for which is unavailable.

<sup>5</sup>The phrase "total consumer credit" as used herein includes only direct consumer loans originated by banks, consumer finance companies, and credit unions, and retail consumer installment paper purchased and held by banks.

<sup>6</sup>See *The Stanley Works v. Federal Trade Commission*, 469 F. 2d 498 (2d Cir. 1972), *cert. denied*, 412 U.S. 928 (1973). The Conference Report accompanying the 1970 Amendments to the Bank Holding Company Act states: "Where a bank holding company seeks to engage in related activities through acquisition, in whole or in part, of a going concern, the elimination of existing competition will be an important negative factor, for other subsidiaries of the bank holding company, or the company itself, may already be providing the products and services in the market served by the company to be acquired. In such circumstances, where the possible benefits to the public of bank holding company activity are already being provided, the elimination of an independent competitive alternative will weigh heavily in the balance against approval." H.R. Rep. No. 91-1747, 91st Cong., 2d Sess., 17 (1970).

<sup>7</sup>See *United Loan Corporation of Tampa v. Weddle*, 77 So. 2d 629 (Fla. 1955); *Tawney v. Mutual System of Maryland*, 47 S. 2d 327 (Md. 1946); *Securities Acceptance Corporation v. Brown*, 106 N.W. 2d 456 (Neb. 1960), *Personal Finance Co. of Lincoln v. Hynes*, 265 N.W. 541 (Neb. 1936); *Household Finance Corporation v. Sutton*, 43 S.E. 2d 144 (W. Va. 1947).

<sup>8</sup>*Harry Livingston, Inc. v. Macher*, 54 A. 2d 169 (Del. 1947); *Menter Co. v. Brock*, 180 N.W. 553 (Minn. 1920); *Milwaukee Linen Supply Co. v. Ring*, 246 N.W. 567 (Wis. 1933); *Mutual Loan Co. v. Piece*, 65 N.W. 2d 405 (Ia. 1954).

anticipated that Company's affiliation with Applicants would result in the removal of certain limitations that the management of Company has imposed upon the amounts that may be loaned to individual consumers in single transactions and upon the types of loans made by Company. Applicants have stated that, as their subsidiary, Company would make loans to individual credit-worthy customers up to the legal limits permitted by State law and would provide mobile home, small appliance, and second mortgage loans, in addition to the types of consumer loans presently made by Company. These increases in service and the indirect increase in competition that would result therefrom, as well as the increased availability of financial resources and thereby lendable funds that the proposed affiliation is expected to provide, constitute benefits to the public. However, in the Board's judgment, these expected benefits do not outweigh the adverse effects upon competition noted above.

Accordingly, the applications are hereby denied.

By order of the Board of Governors, effective January 2, 1974.

Voting for this action: Chairman Burns and Governors Mitchell, Brimmer, Sheehan, Bucher, and Holland. Absent and not voting: Governor Daane.

(Signed) CHESTER B. FEIDBERG,  
[SEAL] *Secretary of the Board.*

CONCURRING STATEMENT OF  
GOVERNOR BRIMMER

I would deny the applications by The Citizens and Southern National Bank and Citizens and Southern Holding Company to acquire Ison Finance Corporation. My decision is based on the existence of covenants not to compete contained in the proposed employment contracts between Applicants and principal executives of Ison. Two individuals have agreed, for a seven-year period following termination of their employment, not to be associated with a competitor of Ison. In effect, such action would preclude the possibility of these individuals undertaking to provide an alternative source of consumer finance services in those markets in which Applicants would offer such services. The majority has considered whether these particular covenants are reasonable in duration and—finding that they are not—has concluded that the covenants are not in the public interest. In my view, such an analysis is not necessary to conclude

that a particular covenant not to compete violates the public interest. A covenant not to compete, by definition, is anticompetitive, and, in my judgment, that adverse effect cannot be justified as reasonable. For reasons stated more fully in my dissents to the application of Orbanco, Inc., to acquire Far West Security Company (59 Federal Reserve BULLETIN 368-369 (1973)), and the application of CBT Corporation to acquire General Discount Corporation (59 Federal Reserve BULLETIN 471 (1973)), it is my view such covenants serve to decrease competition and should not receive the general sanction of the Board that is implied by the analysis that the Board has given the particular covenants in this case. I would deny these applications irrespective of the duration of the covenants.

IRWIN UNION CORPORATION,  
COLUMBUS, INDIANA

ORDER APPROVING ACQUISITION OF IRWIN UNION  
CREDIT INSURANCE COMPANY

Irwin Union Corporation, Columbus, Indiana, a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval, under § 4(c)(8) of the Act and § 225.4(b)(2) of the Board's Regulation Y, to acquire all of the voting shares of Irwin Union Credit Insurance Company, Phoenix, Arizona ("Company"), a company that will engage *de novo* in the underwriting, as reinsurer, of credit life and credit accident and health insurance in connection with extensions of credit by Applicant's banking subsidiary. Such activities have been determined by the Board to be closely related to banking (12 CFR 225.4(a)(10)).

Notice of the application, affording opportunity for interested persons to submit comments and views on the public interest factors, has been duly published (38 Federal Register 20299 and 21825). The time for filing comments and views has expired, and none has been timely received.

Applicant controls one bank with total deposits of \$120.5 million, representing 0.9 per cent of total deposits in commercial banks in Indiana, and is the 18th largest banking organization in the State. (All banking data are as of December 31, 1972.)

Company will be formed under Arizona law as a limited capital stock life insurance company. As Company will be qualified to underwrite insurance directly only in Arizona, its activities will be limited to acting as reinsurer of credit life and



credit accident and health insurance policies made available in connection with extensions of credit by Applicant's banking subsidiary. Such insurance will be directly underwritten by an insurer qualified to underwrite in Indiana and will thereafter be assigned or ceded to Company under a reinsurance agreement. Certain larger policies will be "retroceded" or "reassigned" in part back to the insurer by Company so as to avoid Company being exposed to liabilities in excess of those permitted by Arizona law.<sup>1</sup>

Credit life and credit accident and health insurance is generally made available by banks and other lenders and is designed to assure repayment of a loan in the event of death or disability of a borrower. Applicant also proposes to underwrite joint credit life insurance. The Board has previously permitted such insurance to be underwritten when the credit extension was dependent upon the income of both the husband and wife.<sup>2</sup> The Board finds that joint credit life insurance, like other forms of credit life insurance, is offered in connection with an extension of credit and is designed to assure repayment of an extension of credit in the event of death of a co-signer or co-maker of a note. Since each of the co-signers or co-makers may be individually responsible for repayment of the credit extension, the Board finds insurance covering each to be directly related to an extension of credit. Accordingly, the Board has concluded that the sale and underwriting of joint credit life insurance is directly related to an extension of credit when both of the insured parties are co-makers or co-signers of the note issued in connection with the extension of credit.

In connection with its addition of credit life underwriting to the list of permissible activities for bank holding companies the Board stated:

To assure that engaging in the underwriting of credit life and credit accident and health insurance can reasonably be expected to be in the public interest, the Board will only approve applications in which an applicant demonstrates that approval will benefit the consumer or result in other public benefits. Normally such a showing would be made by a projected reduction in rates or increase in policy benefits due to bank holding company performance of this service.

Applicant has stated that Company and the direct underwriter in Indiana which issues the credit life and credit accident and health insurance policies

made available by Applicant's banking subsidiary will reduce the rates for credit life insurance and credit accident and health insurance by amounts ranging between 5 and 15 per cent depending upon the specific coverage being offered. The Board believes the reduced cost of credit life and credit accident and health insurance is procompetitive and is in the public interest. The Board concludes that such public benefits outweigh any possible adverse effects of approval of the application.

Based upon the foregoing and other considerations reflected in the record, the Board has determined that the balance of the public interest factors the Board is required to consider under § 4(c)(8) is favorable. Accordingly, the application is hereby approved. This determination is subject to the conditions set forth in § 225.4(c) of Regulation Y and to the Board's authority to require such modification or termination of the activities of a holding company or any of its subsidiaries as the Board finds necessary to assure compliance with the provisions and purposes of the Act and the Board's regulations and orders issued thereunder, or to prevent evasion thereof.

The transaction shall be made not later than three months after the effective date of this Order, unless such period is extended for good cause by the Board or by the Federal Reserve Bank of Chicago.

By order of the Board of Governors, effective November 12, 1973.

*Voting for this action: Chairman Burns and Governors Mitchell, Daane, Brimmer, Bucher, and Holland. Absent and not voting: Governor Sheehan.*

(Signed) CHESTER B. FELDBERG,  
[SEAL] *Secretary of the Board.*

LLOYDS BANK LIMITED,  
LONDON, ENGLAND

ORDER APPROVING RETENTION OF INVESTMENT IN BALFOUR, WILLIAMSON, INC., EXPORT CREDIT AND MARKETING CORPORATION, AND EXPORT CREDIT CORPORATION AND DISAPPROVING RETENTION OF INVESTMENT IN DRAKE AMERICA CORPORATION AND DRAKE AMERICA CORPORATION (P.R.)

Lloyds Bank Limited, London, England ("Lloyds Bank"), has applied for the Board's permission to retain indirectly all of the voting shares of Balfour, Williamson, Inc. New York City

<sup>1</sup>The maximum amounts which may be insured by a limited capital stock life insurance company under Arizona law are \$3,000 on any one life and \$5,000 on any total disability claim.

<sup>2</sup>Application of Northwest Bancorporation to acquire Banco Credit Life Insurance Company (38 F.R. 14205)

(“BW”),<sup>1</sup> and to retain indirectly approximately 46.6 per cent of the voting shares of Export Credit and Marketing Corporation, New York City (“ECMC”), and of ECMC’s wholly-owned subsidiaries Export Credit Corporation, New York City (“ECC”), Drake America Corporation, New York City (“Drake”), and Drake America Corporation (P.R.), New York City (“Drake P.R.”), if Lloyds Bank becomes a bank holding company.<sup>2</sup>

Lloyds Bank has received the Board’s permission to become a bank holding company through the acquisition of up to 100 per cent of the voting shares of First Western Bank & Trust Company, Los Angeles, California. Upon consummation of that transaction, Lloyds Bank will be a foreign bank holding company within the meaning of § 225.4(g)(1)(iii) of Regulation Y.

BW is principally engaged in financing imports and exports to and from the United States. BW represents foreign buyers of goods manufactured or produced in the United States and temporarily finances their purchases through a line of credit or on open account. In some cases, BW performs a similar function between buyers and sellers within a foreign country or between two foreign countries. Pursuant to its financing the purchases of foreign buyers, BW will also often arrange directly the shipment of goods from the United States. BW also finances imports by United States firms and corporations from foreign manufacturers and suppliers. Import financing is normally done pursuant to a credit agreement between BW and the domestic purchaser. Such financing sometimes includes loans or credit for working capital purposes.<sup>3</sup>

ECMC owns all of the issued and outstanding

capital stock of ECC, Drake and Drake P.R.<sup>4</sup> ECMC is a holding company and does not actively engage in a trade or business for its own account.

ECC finances exports of goods manufactured in the United States to credit-worthy foreign buyers with credit terms of up to five years. Most of ECC’s export transactions are insured by the Foreign Credit Insurance Association or through Eximbank guarantees.

Drake is an export management company which arranges the foreign sales of products manufactured in the United States by forming a foreign distribution network for such products. Drake takes nominal title to the goods and invoices its foreign agents or distributors at the manufacturer’s cost plus a commission and interest on any credit extended. Drake’s services principally consist of setting up and evaluating distribution networks, processing firm orders it obtains from foreign buyers with the manufacturer, and of expediting shipments for the manufacturer, thus, functioning, in effect, as a domestic manufacturer’s export department. Although Drake occasionally arranges financing as an accommodation to foreign buyers, this activity is considered as incidental to its primary export management services.

Drake P.R. manages the export and distribution in Puerto Rico and other United States possessions of goods manufactured in the United States. The nature of its activities are identical to those of Drake described above.

Section 4(c)(9) of the Act provides that the prohibitions of section 4 shall not apply to the investments or activities of foreign bank holding companies that conduct the greater part of their business outside the United States, if the Board by regulation or order determines that, under the circumstances and subject to the conditions set forth in the regulation or order, the exemption would not be substantially at variance with the purposes of the Act and would be in the public interest.

In § 225.4(g)(2)(iii) of Regulation Y, the Board has determined that a foreign bank holding company may own or control voting shares of any company that is not engaged, directly or indirectly, in any activities in the United States except as shall be incidental to the international or foreign business of such company. This “incidental test” is

<sup>1</sup>Balfour, Williamson, Inc., New York City, is a wholly-owned subsidiary of Balfour, Williamson & Co., Ltd., London, England, which in turn is a wholly-owned subsidiary of Lloyds & Bolsa International Bank, Ltd., London, England, which is wholly-owned by Lloyds Bank.

<sup>2</sup>Export Credit and Marketing Corporation, New York City, is a wholly-owned subsidiary of London America Finance Corp., Ltd., London, England (“LAF”). Forty per cent of the outstanding voting shares of LAF are owned by Lloyds & Bolsa International Bank, Limited, London, England, which is wholly-owned by Lloyds Bank. An additional 40 per cent of the outstanding voting shares of LAF are owned by Industrial & Commercial Finance Corp., London, England, 15.6 per cent of whose voting shares are owned by Lloyds Bank. Consequently, Lloyds Bank indirectly owns approximately 46.6 per cent of Export Credit and Marketing Corporation, and its wholly-owned subsidiaries.

<sup>3</sup>As a result of a loan default by two importer clients, BW is temporarily operating three small retail stores in the Boston area.

<sup>4</sup>ECMC also owns all of the issued and outstanding capital stock of Kimstone International Corporation, Ltd., a Canadian corporation (“Kimstone”), which engages in no activities in the United States. Lloyds may retain its indirect investment in Kimstone under § 2(h) of the Act.

also used by the Board to determine the permissible scope of investments and activities in the United States for Edge Act corporations under section 25(a) of the Federal Reserve Act and the Board's Regulation K and for domestic bank holding company investments or activities in the United States under § 4(c)(13) of the Bank Holding Company Act and § 225.4(f) of Regulation Y. In the Board's judgment, the activities of BW, except as noted below, and of ECC are consistent with the scope of activities permitted to Edge Act corporations under § 211.7(d)(1)(ii) of Regulation K<sup>5</sup> and domestic bank holding companies under § 4(c)(13) of the Bank Holding Company Act and § 225.4(f)(1) of Regulation Y. Accordingly, in the Board's judgment the indirect investments by Lloyds Bank in BW and ECC are exempt under § 225.4(g)(2)(iii) of Regulation Y and are thus consistent with the purposes of the Act and in the public interest.

The Board's approval of the retention of Lloyds Bank of its investment in BW is, however, subject to the conditions that, within two years from the date as of which Lloyds Bank becomes a bank holding company, BW cease engaging in the activity of arranging directly the shipment of goods from the United States and BW cease operating three small retail stores in the Boston area, which BW is currently operating pursuant to a loan default by an importer client. Performance of these activities would give Lloyds Bank a competitive advantage over domestic bank holding companies. While an Edge Act corporation does not have the statutory power to engage in making working capital loans to importers, other banking and non-banking subsidiaries of a domestic bank holding company could engage in making such loans and thus BW's performance of this activity under § 4(c)(9) of the Act would not be substantially at variance with the purposes of the Act and would be in the public interest.

In the Board's judgment, ECMC's investment activities as described by Lloyds Bank are consistent with the purposes of the Act and in the

public interest, except as noted below, and so long as ECMC does not invest in more than 5 per cent of the voting shares, or acquire control over the management or policies, of any company except with prior Board approval.

The indirect investment by Lloyds Bank in the shares of ECMC's wholly-owned subsidiaries Drake and Drake P.R. are investments that would not be permissible for a domestic bank holding company under § 4(c)(8) of the Act since Drake and Drake P.R. engage in commercial nonfinancial activities, which are not closely related to banking or managing or controlling banks as to be a proper incident thereto. Lloyds Bank has sought an exemption for ECMC's investments in Drake and Drake P.R. under § 4(c)(9) of the Act and under § 225.4(g)(2)(iv) of Regulation Y on the basis that Drake and Drake P.R. principally engage in the United States in activities "facilitating" transactions in international or foreign commerce.<sup>6</sup> In the Board's judgment, however, the activities of Drake and Drake P.R. do not meet the conditions for exemption set forth in § 225.4(g)(2)(iv) of Regulation Y. The term "facilitating" is intended by the Board to cover international or foreign *banking* activities, such as those carried on by New York "investment companies,"<sup>7</sup> and is not intended to include nonbanking activities such as the export management activities of Drake or Drake P.R. In the Board's judgment, Drake and Drake P.R. are essentially engaged within the United States in a domestic commercial business even though that business concerns international transactions.

The Board does not believe that an exception is otherwise appropriate since it does not appear the public benefits which are alleged for the retention of Drake and Drake P.R., namely the promotion of United States exports, would outweigh the policies of the Bank Holding Company Act regarding the separation of banking and commerce.

<sup>5</sup>Section 211.7(d)(1)(ii) of Regulation K provides as follows: § 211.7(d): "It will ordinarily be considered incidental to the international or foreign business of a [Edge] Corporation for it to engage in the following transactions in the United States: (1) Finance the following types of transactions, including payments or costs (but not expenses in the United States of an office or representative therein) incident thereto: . . . (ii) the importation into or exportation from the United States of goods."

<sup>6</sup>Section 225.4(g)(2)(iv) of Regulation Y provides, with prior Board consent, that a foreign bank holding company may own or control voting shares of any company principally engaged in the United States in "financing or facilitating transactions in international or foreign commerce." Since Lloyds Bank has indicated that Drake and Drake P.R. engage only incidentally in "financing transactions," exemption can only be sought under "facilitating transactions in international or foreign commerce."

<sup>7</sup>See the Board's Order of February 7, 1972, approving Banque Nationale de Paris' retention of its investment in all of the voting shares of French American Banking Corporation, a New York "investment company" chartered under Section XII of the New York State Banking Law (58 Federal Reserve Bulletin 312).

Accordingly, on the basis of the foregoing and other considerations reflected in the record, the Board hereby denies Lloyds Bank's request for exemption pursuant to § 4(c)(9) to retain its indirect investments in Drake and Drake P.R.

Based upon the foregoing and other considerations reflected in the record, and based upon the assumption that Lloyds Bank will become a bank holding company through the acquisition of voting shares of First Western Bank and Trust Company of Los Angeles, California, in accordance with its application approved by the Board, the Board has made the following determinations:

1. Pursuant to § 4(c)(9) of the Act, the Board has determined that the continued indirect ownership by Lloyds Bank of all of BW's voting shares, is exempt from the prohibitions of section 4 of the Act under § 225.4(g)(2)(iii) of Regulation Y, subject to the following conditions:

(a) That BW cease to engage in the activity of arranging directly the shipment of goods from the United States within two years from the date as of which Lloyds Bank becomes a bank holding company; and

(b) That BW cease operating three retail stores in the Boston area within two years from the date as of which Lloyds Bank becomes a bank holding company.

2. Pursuant to § 4(c)(9) of the Act and § 225.4(g)(3) of Regulation Y, the Board approves the continued indirect ownership by Lloyds Bank of approximately 46.6 per cent of the voting shares of ECMC, so long as ECMC does not invest in more than 5 per cent of the voting shares, or acquire control over the management or policies, of any company except with prior Board approval, and subject to the following condition: that Lloyds Bank dispose of its indirect 46.6 per cent interest in the voting shares of Drake and Drake P.R. within two years from the date as of which it becomes a bank holding company.

3. Pursuant to § 4(c)(9) of the Act, the Board has determined that the continued indirect ownership by Lloyds Bank of approximately 46.6 per cent of the voting shares of ECC is exempt from the prohibitions of section 4 of the Act under § 225.4(g)(2)(iii) of Regulation Y.

The foregoing determinations are subject to the Board's authority to require reports by, and make examinations of, holding companies and their subsidiaries; to require such modification or termination of the activities of a holding company or any of its subsidiaries as the Board finds necessary to assure compliance with the provisions and

purposes of the Act and the Board's regulations and orders issued thereunder, or to prevent evasion thereof; and to revocation by the Board if the facts upon which it is based change in any material respect.

By order of the Board of Governors, effective January 9, 1974.

Voting for this action: Vice Chairman Mitchell and Governors Brimmer, Sheehan, and Holland. Absent and not voting: Chairman Burns and Governors Daane and Bucher.

(Signed) CHESTER B. FELDBERG,  
[SEAL] *Secretary of the Board.*

THE CHASE MANHATTAN CORPORATION,  
NEW YORK, NEW YORK

ORDER DENYING ACQUISITION OF DIAL  
FINANCIAL CORPORATION

The Chase Manhattan Corporation, New York, New York, a bank holding company within the meaning of the Bank Holding Company Act of 1956, has applied for the Board's approval, under § 4(c)(8) of the Act and § 225.4(b)(2) of the Board's Regulation Y, to acquire all of the voting shares of Dial Financial Corporation, Des Moines, Iowa ("Dial"). Dial through its subsidiaries engages in the activities of making direct consumer installment loans, secured and unsecured, to individuals (in most instances, by direct customer contact, in some instances, by mail); selling credit life, and credit health and accident insurance policies to those individuals; underwriting (in Missouri only), or re-insurance of, such insurance; selling to those individuals insurance on property (other than automobiles) in which a subsidiary of Dial has a security interest; purchasing installment sales finance contracts from retailers; and providing data processing services, including computerized general accounting services, computerized billing services, and computerized delinquent list preparation, and the use of computer time, to its subsidiaries and other consumer credit companies.

Notice of the application, affording opportunity for interested persons to submit comments and views on the public interest factors, has been duly published (38 Federal Register 26832). The time for filing comments and views has expired; and the Board has considered all comments received in light of the public interest factors set forth in § 4(c)(8) of the Act (12 U.S.C. 1843(c)(8)).

Applicant, a multi-bank holding company, is, based upon domestic deposits, the largest banking organization in New York State, and the second largest nationally. Applicant controls The Chase

Manhattan Bank, N.A., New York, New York ("Bank"), and six other commercial banks which, collectively, hold \$16.4 billion of domestic deposits,<sup>1</sup> representing 15 per cent of total deposits in commercial banks in New York State. Applicant's total consolidated assets amount to \$30.8 billion; assets of Bank represent 99 per cent (\$30.4 billion) of this total.<sup>2</sup> During the four-year period ending December 31, 1972, Applicant's consolidated assets increased by 60 per cent, consolidated net income by 50 per cent, domestic and foreign deposits by 50 per cent, and total equity capital by 23 per cent. Applicant has acquired a number of firms during this period, including four commercial banks and a mortgage company. Bank has acquired during this period a substantial mortgage company and a large factoring company. Applicant's nonbanking activities include mortgage banking, commercial financing, and the provision of investment advice and economic information. It appears that Applicant is one of the leading financial institutions in the United States and is experiencing significant growth, both through acquisitions and *de novo* expansion.

Dial is a profitable enterprise and one of the nation's major consumer finance companies. It maintains 461 offices in 33 States.<sup>3</sup> Dial held, as of December 31, 1972, total gross receivables of \$308.6 million and ranked as the twenty-first largest independent finance company in the nation. Ninety-three per cent of Dial's total volume of receivables outstanding represents direct cash loans to individuals on an installment basis. In addition to engaging in certain insurance sales and underwriting activities, Dial has developed a data processing system linking its branch offices to a computer center ("SWIFT"). Dial has aggressively marketed SWIFT to other consumer finance companies, and, as of December 31, 1972, nine consumer finance companies, including Dial, operating more than 5,000 consumer finance offices, approximately 25 per cent of the total number of consumer finance offices in the United States, utilized or had contracted to utilize SWIFT. Only two other corporations compete with Dial in this line of commerce, and Dial apparently is the leading supplier in the market for such computer services.

The 1970 Amendments to the Act require that the Board, in acting on an application under § 4(c)(8), consider whether the performance of a particular activity by an affiliate of a bank holding company "can reasonably be expected to produce benefits to the public, such as greater convenience, increased competition, or gains in efficiency, that outweigh possible adverse effects, such as undue concentration of resources, decreased or unfair competition, conflicts of interests, or unsound banking practices." This balancing test necessitates a positive showing of public benefits, outweighing the "possible" adverse effects of any proposed acquisition, before an application may be approved. Applicant must bear this burden.

The relevant service line to be considered in evaluating the competitive effects of this proposal is the making of personal installment loans. As noted, about 93 per cent of Dial's outstandings were in this service line at year-end, 1972. Applicant, through its banking subsidiaries, makes personal installment loans in various local markets in New York State. The Board has previously considered whether consumer finance companies compete with commercial banks in the area of personal loans to individuals, and has concluded that such competition does exist.<sup>4</sup> Dial presently does not operate any office in the local markets served by Applicant's subsidiary banks. However, Dial does solicit moderate-sized personal loans by mail and, as of December 31, 1972, thereby held receivables of approximately \$143,000 deriving from the service areas of Applicant's subsidiary banks. The competition existing between Applicant and Dial that would be eliminated upon consummation of the proposed transaction would be only slight.

With respect to the question of whether consummation of the proposal would eliminate any significant competition in the future, the Board finds that Dial and Applicant are aggressive expansion-minded concerns. Dial opened 25 *de novo* offices in 1972, and, in late 1973, estimated that it would open a total of 37 such offices in 1973. Irrespective of the instant proposal, Dial contemplates opening 35 to 40 new offices in 1974. With offices in Pennsylvania, Connecticut, Massachusetts, New Hampshire, and Rhode Island, and no

<sup>1</sup>Deposit data as of June 30, 1973

<sup>2</sup>Data as of December 31, 1972

<sup>3</sup>Data as of December 7, 1973

<sup>4</sup>Order dated August 3, 1973, Denying Acquisition of Public Loan Company by Bankers Trust Corporation, New York, New York, 38 *Federal Register* 21822 (1973), 59 *Federal Reserve Bulletin* 694, 695 (1973).

office in New York State, Dial is considered one of the most likely potential entrants into the various local markets in New York State. A recent increase in the maximum loan limit for consumer finance companies in New York State enhances the probability of such entry.

Bank is considered one of the leading retail banks in the nation and operates 185 branch offices in New York State, having opened eight such offices in 1972. Bank also opened 15 branch offices abroad in 1972 and has announced plans to open 30 consumer finance-type offices in the United Kingdom.<sup>5</sup> As of December 31, 1972, Bank ranked as the second largest consumer lender in the New York City market,<sup>6</sup> having made 6.6 per cent of the total personal loans outstanding in the market, and ranked as the fourth largest supplier of check credit, a form of personal loan, in that market, with an estimated share of 12 per cent. Applicant has demonstrated its ability to establish a wide network of offices, to penetrate distant markets, and to compete successfully in consumer loan markets.

Applicant thus possesses the resources and expertise to enter the industry outside of New York State either *de novo* or through a foothold acquisition and, absent the proposed acquisition, may be expected to do so. Start-up costs and risks involved in such entry are easily manageable by an organization possessing the resources commanded by Applicant.

It thus appears likely that Applicant would, absent this proposal, expand to compete with Dial in the future, either *de novo* or through means of a foothold entry. On the basis of the facts of record it also appears likely that Dial would, absent this proposal, expand to compete with Applicant in the future. Chase Manhattan Bank is an important source of personal installment loans in the New York City market; and while Dial does not have a large share of personal installment loans in major metropolitan areas, it does have estimated market shares in smaller metropolitan areas and rural markets ranging from 3.1 to more than 16.0 per cent. With respect to any individual market the Board cannot determine that such entry is probable or that any such market is so concentrated that the elimination of the possibility of such entry would have substantially adverse effects; however,

irrespective of the effect on particular markets, it is clear to the Board that consummation of the proposal would eliminate a substantial possibility that Applicant and Dial would compete in the future. The elimination of such potential competition constitutes an adverse factor under § 4(c)(8) weighing against approval of the application.

In addition to the above possible adverse effects of this proposal, Congress has required the Board to consider under § 4(c)(8) whether bank holding company acquisitions create a danger of undue concentration of resources. Congress has pointed to the dangers involved, particularly those involving concentration of power relating to money and credit, and has directed the Board to consider all reasonable ramifications when applying this aspect of the standards of § 4(c)(8). It is the Board's judgment that approval of this application, involving acquisition, by one of the nation's largest bank holding companies, of a major consumer finance company with a large national network of offices and a commanding position in the market for provision of data processing services to the industry, involves the issue of concentration in credit-granting resources that was within the intent of Congress in enacting the 1970 Amendments. While the matter is not free of doubt and is one on which reasonable differences of judgment may occur, the Board has concluded that, at a minimum, this factor weighs against approval of the application.

Applicant has made an attempt to meet its burden of establishing public benefits which outweigh the adverse effects noted above. One such public benefit is said to be an expansion of the financial services offered by Dial to include the making of small business loans, farm loans, and first and second mortgage loans. The record does not show to what extent such services are presently competitively unavailable in the markets served by Dial, but it does appear that many consumer finance companies are diversifying into the provision of a wider range of financial services. Dial, which has demonstrated its ability to respond to competitive challenges, would appear to be likely to so diversify irrespective of its affiliation with Applicant.

Nor would it appear likely that affiliation with Applicant would make credit and capital more readily available to Dial. From 1965 to 1972, while the amount of consumer loans originated by the consumer finance industry increased by 48 per cent, the amount of personal loans originated by Dial increased 103 per cent. Such increase was

<sup>5</sup>"Local Banking on an International Scale." *Business Week* 106, 107 (September 15, 1973)

<sup>6</sup>This market is approximated by the five boroughs of New York City plus Nassau and Westchester Counties.

15.8 per cent in 1972, while loans originated by the industry increased by only 10.9 per cent. In 1972, Dial's return on investment was 15 per cent, comparing favorably with an industry average of 12 per cent. The majority of Dial's short term borrowings come from the issuance of commercial paper, and such paper carries the highest rating. As of year-end 1972, Dial had only utilized \$4.5 million of its outstanding lines of credit of \$61 million. It thus does not appear that affiliation with Applicant may reasonably be expected to significantly increase the availability of capital or reduce Dial's cost of funds.

Applicant has cited as a public benefit its plans to open 150 *de novo* offices of Dial in the next three years. However, irrespective of the proposed affiliation, it appears that Dial would plan to open a substantial number of new offices each year. In view of this capability absent the transaction, the Board does not view the proposed expansion as a significant public benefit arising from consummation of the proposal.

Applicant has also proposed to implement an experimental program under which personal loans would be made with interest rates reflecting the degree of credit risk assumed. It has proposed a modest program affecting 10 per cent of the accounts at 10 per cent of the offices of Dial. The Board regards reduction in rates in the consumer finance industry as being an appreciable public benefit. However, it appears that Dial has already instituted such a program on a limited basis without Applicant's aid and that Dial possesses the financial resources to expand the program if market conditions are favorable. Applicant's proposal is not considered substantially different in effect from the policy implicit in action already taken by Dial.

While the proposed acquisition would clearly lead to some public benefits, there is little indication that the above or other claimed benefits are not likely to be obtained in the absence of the acquisition. Accordingly, the Board concludes that overall public benefits asserted by Applicant do not outweigh the above-described adverse effects.

Based upon the foregoing and other considerations reflected in the record, the Board concludes that the public interest factors the Board is required to consider under § 4(c)(8) do not outweigh the probable adverse effects, and that the application should be denied.

Accordingly, the application is herewith denied.

By order of the Board of Governors, effective January 30, 1974.

Voting for this action: Chairman Burns and Governors Mitchell, Brimmer, Bucher, and Holland. Voting against this action: Governors Daane and Sheehan.

(Signed) CHESTER B. FELDBERG,  
[SEAL] *Secretary of the Board.*

DISSENTING STATEMENT OF  
GOVERNORS DAANE AND SHEEHAN

In our view, the reasonably expected benefits to the public from this proposal considerably outweigh any possible adverse effects. We would therefore approve the application.

We find, as does the majority, that consummation of the proposed transaction would have no significant adverse effects with respect to existing competition. We also agree that, absent the proposal, Applicant and Dial could possibly expand to compete in some markets across the United States. However, we ascribe a lesser degree of probability and significance to this occurring and little adversity in the elimination of this possibility.

We do not lightly dismiss Applicant's assertion that it is not "economically feasible or practicable for it to enter this field *de novo*." For Chase, as for many institutions both large and small, the shortage is often not opportunity or capital but a shortage of competent managers. The majority's prejudgment that Chase will now turn to a series of small acquisitions or *de novo* entries to achieve its objectives in the consumer finance field outside of New York State is conjectural at best; it could also be conjectured that it might decide to abandon this market for other opportunities.

Dial is presumed by the Board's majority to be equally aggressive and entrepreneurial on its own rather than in combination with Chase. Dial's record, while excellent, does not seem to support that conclusion. The Board's majority accepts the assertion that Dial, on its own, will open 150-200 offices over the next five years. Yet, in the past five years, Dial had a net gain of 51 offices. On the other hand, the Applicant has committed itself to open 150 new offices of Dial in the next three years. Applicant's *commitment* would be an *assurance*, as against at best a questionable possibility, of a substantial expansion of Dial's activities and competitive presence and constitutes significant public benefit particularly in view of the market shares held by the four largest members of the industry.

In the vast majority of geographic markets in which it competes, Dial accounts for less than 2

per cent of direct consumer installment loans. In only 12 markets, none of which includes any major metropolitan area, does Dial's market share exceed 2 per cent. Its largest market share in those 12 approximated 4.5 per cent, and there were numerous other consumer lenders in those markets. In this connection, we do not accept the Board's majority position that the relevant line of service with respect to which this proposal is to be judged is the providing of personal installment loans; rather, the market is the broader one of consumer lending. Thus viewed, Dial is the 39th largest (the 21st largest independent) firm in an industry in which the four largest firms control 38 per cent of the business. Applicant's acquisition can only serve to deconcentrate the industry. Therefore, we find no significant possible adverse effects from the elimination of potential competition between Applicant and Dial.

The most troublesome issue in this case is that of undue concentration of resources. Dial is a relatively large enterprise with a net income of \$7.7 million in 1972. But it is no giant and would not appear in a list of the larger United States enterprises. As mentioned before, Dial ranks 39th in an industry of giants, led by GMAC, Sears Roebuck, and others qualifying as the largest entities in our society.

With respect to Applicant, banking and finance are industries where large corporate units exist but where concentration is limited. Chase Manhattan Bank, for example, has 2.6 per cent of the nation's banking deposits. Applicant's share of the nation's consumer installment business is approximately three-tenths of one per cent. The addition of Dial's two-tenths of one per cent of this total cannot have any significant effects, particularly in an industry characterized by strong competition among consumer finance companies, commercial banks, sales finance companies, credit unions, retailers, and savings and loan associations. No undue concentration of resources would result from approval of this application. This is particularly true when one considers the question in the context of particular product lines and particular markets, rather than as bigness, per se.

Against these minimal adverse effects we give considerable weight to the public benefits associated with combining an obviously quite capable Dial management team with an institution having the financial resources of Chase Manhattan.

Chase can well afford the risks and costs of rapid Dial expansion in the period immediately ahead. Chase has a breadth of activity where profits in

some business elements can balance costs and perhaps losses in others.

Furthermore, expansion or *de novo* entry in the consumer finance business can be quite difficult in some areas of the country. Each location is licensed and some States have various barriers to entry including a "public convenience standard." In some instances entry can only be obtained through acquiring an existing license.

While Dial has modestly innovated in its interest rate practice with lower rates for larger loans quite recently in a minor number of instances, Dial's practice in most instances is to charge the maximum interest rate permitted by law—the industry norm. Given the giant firms in this field, this conduct can, perhaps, be understood for one of the smaller participants. As part of the Chase Manhattan Corporation we anticipate far more vigorous price competition redounding to the consumers' benefit—given Chase's commitments in its application.

While Dial has a strong balance sheet, restrictive loan covenants are said to impede expansion. These limitations would not permit the rapid expansion which the majority suggests that Dial can undertake alone. But the Chase/Dial combination could expand much more rapidly than Dial has in the past five years and we find this to be significantly procompetitive.

Applicant's management committed itself in its application not only to rapidly expand the Dial enterprise but to specifically lower interest rates in Dial offices and to move aggressively in other areas. Its application stated:

1. CMC undertakes to establish 150 new Dial offices over a three-year period thereby increasing service areas and competition.
2. CMC undertakes to establish as a new business of Dial loans to small businesses and farmers in an amount aggregating \$50 million over a three-year period.
3. CMC undertakes through the Dial offices and facilities to extend \$200 million residential mortgage loans over a three-year period.
4. CMC commits to offer through the Dial offices to individuals of superior credit standing sufficient loans in amounts of \$7,500 or more as to comprise within a three-year period at least 15 per cent of Dial's total cash loan portfolio at an average annual percentage rate of interest of no more than 15 per cent as opposed to Dial's current average rate on such direct cash loans outstanding of 17.3 per cent per annum. Loans in amounts of \$7,500 or more presently comprise only 3.3 per cent of Dial's total direct cash loan portfolio.
5. CMC undertakes to reduce premiums by 5 per cent or to provide equivalent benefits for accident and health insurance made available through Dial's affiliate and to reduce premiums on credit life insurance provided by such affiliate from 2 per cent to 15 per cent (such reduction if in effect in 1973 would have reduced premiums charged by approximately \$600,000).
6. CMC will undertake a program of research and experi-



mentation with new loan products and services to be offered through Dial offices. CMC's firm intention is to develop means of better meeting the financial needs of consumers at lower rates.

The above firm undertakings of Applicant set forth public benefits which, in our opinion, are clearly and irrefutably in the public interest. There is a commitment to markedly expand Dial's services. The program to relate interest rates on personal loans to the degree of risk assumed would be a helpful step toward breaking down the consumer finance industry practice of generally charging the maximum interest rate permitted by law irrespective of the amount of credit risk. Applicant's proposed specific program to make \$50 million in loans to small businesses and farmers and \$200 million in residential mortgage loans over a three-year period represents another constructive step. While some of these programs may be instituted by Dial itself, there is no question that Applicant's support would make their success more certain and assure public benefits.

Against these real and substantial public benefits, we see no significant possible adverse effects and must, therefore, dissent from the Board's action denying this application.

**ORDERS UNDER SECTIONS 3 AND 4 OF  
BANK HOLDING COMPANY ACT**

LINDSBORG BANCSHARES, INC.,  
LINDSBORG, KANSAS

ORDER APPROVING FORMATION OF BANK HOLD-  
ING COMPANY AND ENGAGING IN INSURANCE  
AGENCY ACTIVITIES

Lindsborg Bancshares, Inc., Lindsborg, Kansas, has applied for the Board's approval under § 3(a)(1) of the Act (12 U.S.C. 1842(a)(1)) of formation of a bank holding company through acquisition of 81 per cent or more of the voting shares of The Farmers State Bank, Lindsborg, Kansas ("Bank").

At the same time, Applicant has applied for the Board's approval under § 4(c)(8) of the Act (12 U.S.C. 1843(c)(8)) and § 225.4(b)(2) of Regulation Y to engage in general insurance agency activities in Lindsborg, Kansas (population of less than 5,000). The operation by a bank holding company of a general insurance agency in a community with a population not exceeding 5,000 is an activity that the Board has previously determined to be closely related to banking (12 CFR 225.4(a)(9)(iii)(a)).

Notices of the receipt of the applications have

been given in accordance with §§ 3 and 4 of the Act, and the time for filing comments and views has expired and none has been timely received. The Board has considered the applications in light of the factors set forth in § 3(c) of the Act, and the considerations specified in § 4(c)(8) of the Act.

Applicant is a Kansas corporation organized for the purposes of becoming a bank holding company through acquisition of Bank, and operating as an insurance agency. Bank, with deposits of \$6.6 million,<sup>1</sup> representing 0.1 per cent of the commercial bank deposits in the State, is the fifth largest of eleven banks in McPherson County and controls approximately 8 per cent of total deposits in commercial banks in the county. Bank is the only bank in Lindsborg. Since the proposal represents a restructuring of Bank's ownership and Applicant has no banking subsidiaries, acquisition of Bank by Applicant would not eliminate any existing competition, nor would it appear to have any adverse effect on other banks or on the development of future competition in the relevant area. Accordingly, competitive considerations are consistent with approval of the application.

The financial and managerial resources and future prospects of Applicant and Bank are regarded as satisfactory and consistent with approval. Although Applicant will incur debt in acquiring Bank, it appears that income from Bank and insurance agency activities will provide sufficient revenue to service the debt adequately without impairing the financial condition of Bank. Considerations relating to the convenience and needs of the community to be served, with respect to the acquisition of Bank, are consistent with approval of the application. It is the Board's judgment that consummation of the transaction would be in the public interest and that the application to acquire Bank should be approved.

Applicant proposes to operate a general insurance agency business on Bank's premises through the acquisition of the Shogren-Larson Agency and consolidation with the insurance agency identified as Farmers State Bank Agency.<sup>2</sup> Approval would permit Applicant to offer Bank's customers the convenience of obtaining banking and insurance services in conjunction with each other. There is no evidence in the record indicating that consum-

<sup>1</sup>Banking data are as of June 30, 1973.

<sup>2</sup>Farmers State Bank Agency is engaged solely in the sale of credit life insurance. Due to the limited nature of such insurance activities, it does not appear that subject acquisition would have any significant effect on existing or future competition.

mation of the proposal would result in any undue concentration of resources, unfair competition, conflicts of interest, unsound banking practices or other adverse effects on the public interest.

Based on the foregoing and other considerations reflected in the record, the Board has determined that the considerations affecting the competitive factors under § 3(c) of the Act and the balance of the public interest factors the Board must consider under § 4(c)(8) both favor approval of the Applicant's proposal.

Accordingly, the applications are approved for the reasons summarized above. The acquisition of Bank shall not be made before the thirtieth calendar day following the effective date of this Order; nor shall the acquisition of Bank, or the acquisition of the Shogren-Larson Agency and the consolidation with Farmers State Bank Agency, be made later than three months after the effective date of this Order unless such period is extended for good cause by the Board or by the Federal Reserve Bank of Kansas City pursuant to delegated authority. The determination as to Applicant's insurance activities is subject to the conditions set forth in Section 225.4(c) of Regulation Y and to the Board's authority to require reports by, and make examinations of, holding companies and their subsidiaries and to require such modification or termination of the activities of a bank holding company or any of its subsidiaries as the Board finds necessary to assure compliance with the provisions and purposes of the Act and the Board's regulations and orders issued thereunder, or to prevent evasion thereof.

By order of the Board of Governors, effective January 30, 1974.

Voting for this action: Chairman Burns and Governors Daane, Sheehan, Bucher, and Holland. Voting against this action: Governor Brimmer. Absent and not voting: Governor Mitchell.

(Signed) CHESTER B. FELDBERG,  
[SEAL] *Secretary of the Board.*

DISSENTING STATEMENT OF  
GOVERNOR BRIMMER

I would deny the applications by Lindsborg Bancshares, Inc., to acquire the Farmers State Bank and the Shogren-Larson Agency. A management agreement incident to this proposal contains a covenant not to compete which, by its terms, prohibits Bank's major shareholder from engaging in the banking business within a ten mile radius of Lindsborg for a period of eight years. In addition, a covenant not to compete was executed which prohibits certain of Bank's shareholders from engaging in the business of banking within 50 miles of Lindsborg for a period of five years. In my view, such covenants necessarily inhibit competition and should not be sanctioned by the Board.

The purpose and effect of the covenants in this case is to preclude the possibility that the restricted individuals would provide support for an alternative source of commercial banking services in Lindsborg in the near future. For reasons stated more fully in the dissent to the Board's Order of September 21, 1973, approving the acquisition by First Alabama Bancshares, Inc., of Citizens Bank of Guntersville, such a consequence is inherently anticompetitive. In order for this application to be approved, Applicant would have to establish that the anticompetitive effects of such a covenant "are clearly outweighed in the public interest by the probable effect of the transaction in meeting the convenience and needs of the community to be served." In my view, this has not been established; and the Board's approval of this application cannot be supported.

**ORDERS NOT PRINTED IN THIS ISSUE**

During January 1974, the Board of Governors approved the applications listed below. The orders have been published in the Federal Register, and copies of the orders are available upon request to Publications Services, Division of Administrative Services, Board of Governors of the Federal Reserve System, Washington, D.C. 20551.

**ORDERS UNDER SECTION 3(a)(1) OF BANK HOLDING COMPANY ACT—  
APPLICATIONS FOR FORMATION OF BANK HOLDING COMPANY**

| <i>Applicant</i>               | <i>Bank(s)</i>                   | <i>Board action<br/>(effective<br/>date)</i> | <i>Federal<br/>Register<br/>citation</i> |
|--------------------------------|----------------------------------|--|--|
| Exchange National Corporation, | Exchange National Bank and Trust | 1/31/74                                      | 39 F.R. 4960                             |

**ORDERS UNDER SECTION 3(a)(1) OF BANK HOLDING COMPANY ACT—  
APPLICATIONS FOR FORMATION OF BANK HOLDING COMPANY—Cont.**

| <i>Applicant</i>  | <i>Bank(s)</i>   | <i>Board action<br/>(effective<br/>date)</i> | <i>Federal<br/>Register<br/>citation</i> |
|---|--|--|--|
| Ardmore, Oklahoma<br>Integrity Holding Company,<br>Wilmington, Delaware | Company, Ardmore, Oklahoma<br>Integrity Finance Corporation and<br>The First National Bank of<br>Wilmington, Wilmington,<br>Delaware | 1/29/74                                      | 2/8/74<br>39 F.R. 4695<br>2/6/74         |
| Rice Insurance Agency, Inc.,<br>Strasburg, Colorado                     | The First National Bank<br>of Strasburg, Strasburg,<br>Colorado  | 1/29/74                                      | 39 F.R. 4695<br>2/6/74                   |

**ORDERS UNDER SECTION 3(a)(3) OF BANK HOLDING COMPANY ACT—  
APPLICATIONS FOR ACQUISITION OF BANK**

| <i>Applicant</i>  | <i>Bank(s)</i>   | <i>Board action<br/>(effective<br/>date)</i> | <i>Federal<br/>Register<br/>citation</i> |
|---|--|--|--|
| Ameribanc, Inc.,<br>St. Joseph, Missouri                          | Marceline State Bank,<br>Marceline, Missouri   | 1/29/74                                      | 39 F.R. 4693<br>2/6/74                   |
| American Bankcorp, Inc.,<br>Lansing, Michigan                     | American Bank of Charlotte,<br>Charlotte, Michigan   | 1/31/74                                      | 39 F.R. 4958<br>2/8/74                   |
| Barnett Banks of Florida, Inc.,<br>Jacksonville, Florida          | The Bayshore State Bank,<br>Bayshore Gardens (P.O.<br>Bradenton), Florida                      | 1/29/74                                      | 39 F.R. 4694<br>2/6/74                   |
| The Chase Manhattan Corporation,<br>New York, New York            | Chase Manhattan Bank of the<br>Southern Tier (National<br>Association, Binghamton,<br>New York | 1/14/74                                      | 39 F.R. 2517<br>1/22/74                  |
| City National Bank Corporation,<br>Miami, Florida                 | City Bank of North Miami,<br>North Miami, Florida  | 1/31/74                                      | 39 F.R. 4959<br>2/8/74                   |
| Ellis Banking Corporation,<br>Bradenton, Florida                  | Parkway National Bank of Talla-<br>hassee, Tallahassee, Florida                                | 1/24/74                                      | 39 F.R. 4003<br>1/31/74                  |
| First Abilene Bankshares, Inc.,<br>Abilene, Texas                 | Hereford State Bank,<br>Hereford, Texas  | 1/3/74                                       | 39 F.R. 1544<br>1/10/74                  |
| First Bancorp of N. H., Inc.,<br>Exeter, New Hampshire            | Concord National Bank,<br>Concord, New Hampshire   | 1/2/74                                       | 39 F.R. 1485<br>1/9/74                   |
| First at Orlando Corporation,<br>Orlando, Florida                 | Wilton Manors National Bank, and<br>Lauderdale Beach Bank, both of<br>Fort Lauderdale, Florida | 1/28/74                                      | 39 F.R. 4616<br>2/5/74                   |
| First Wisconsin Bankshares Cor-<br>poration, Milwaukee, Wisconsin | First Wisconsin Bank of West<br>Green Bay, Ashwaubenon,<br>Wisconsin                           | 1/28/74                                      | 39 F.R. 4617<br>2/5/74                   |
| Southeast Banking Corporation,<br>Miami, Florida                  | Bank of East Orange,<br>Orlando, Florida   | 1/29/74                                      | 39 F.R. 4696<br>2/6/74                   |
| Southwest Bancshares, Inc.,<br>Houston, Texas                     | Citizens Bank,<br>Irving, Texas  | 1/14/74                                      | 39 F.R. 2520<br>1/22/74                  |
| Tennessee Valley Bancorp, Inc.,<br>Nashville, Tennessee           | Commerce Union Bank Chatta-<br>nooga, Chattanooga, Tennessee                                   | 1/2/74                                       | 39 F.R. 1673<br>1/11/74                  |
| United Banks of Colorado, Inc.,<br>Denver, Colorado               | First State Bank of Fountain,<br>Fountain, Colorado  | 1/10/74                                      | 39 F.R. 2520<br>1/22/74                  |

**ORDERS UNDER SECTION 3(a)(3) OF BANK HOLDING COMPANY ACT—  
APPLICATIONS FOR ACQUISITION OF BANK—Cont.**

| <i>Applicant</i>                                    | <i>Bank(s)</i>   | <i>Board action<br/>(effective<br/>date)</i> | <i>Federal<br/>Register<br/>citation</i> |
|---|--|--|--|
| United First Florida Banks, Inc.,<br>Tampa, Florida | The Peoples Bank of Tallahassee,<br>Tallahassee, Florida | 1/10/74                                      | 39 F.R. 2521<br>1/22/74                  |

**ORDER UNDER SECTIONS 3(a)(1) and 3(a)(5) OF BANK HOLDING COMPANY ACT—  
APPLICATION FOR ACQUISITION OF BANK**

| <i>Applicant</i>  | <i>Bank(s)</i>  | <i>Board action<br/>(effective<br/>date)</i> | <i>Federal<br/>Register<br/>citation</i> |
|---|---|--|--|
| The First National Holding<br>Company, Oklahoma City,<br>Oklahoma | The First National Bank and Trust<br>Company of Oklahoma City,<br>Oklahoma City, Oklahoma | 1/18/74                                      | 39 F.R. 2006<br>1/24/74                  |

**ORDERS UNDER SECTION 4(c)(8) OF BANK HOLDING COMPANY ACT—  
APPLICATIONS TO ENGAGE IN NONBANKING ACTIVITIES**

| <i>Applicant</i>   | <i>Nonbanking company<br/>(or activity)</i>                        | <i>Board action<br/>(effective<br/>date)</i> | <i>Federal<br/>Register<br/>citation</i> |
|--|--|--|--|
| American Fletcher Corporation,<br>Indianapolis, Indiana                | Charg-it of Florida, Inc.,<br>Coral Gables, Florida                | 1/23/74                                      | 39 F.R. 3862<br>1/30/74                  |
| BancOhio Corporation,<br>Columbus, Ohio                                | Midwest Econometrics, Inc.,<br>Columbus, Ohio                      | 1/25/74                                      | 39 F.R. 4513<br>2/4/74                   |
| Bank of Virginia Company,<br>Richmond, Virginia                        | Commonwealth Mortgage Com-<br>pany, Richmond, Virginia             | 1/31/74                                      | 39 F.R. 4958<br>2/8/74                   |
| The Chase Manhattan Corporation,<br>New York, New York                 | Berkeley Credit Corporation,<br>New York, New York                 | 1/23/74                                      | 39 F.R. 3862<br>1/30/74                  |
| ComBanks Corporation,<br>Winter Park, Florida                          | ComBanks Mortgage Company,<br>Winter Park, Florida                 | 1/24/74                                      | 39 F.R. 4001<br>1/31/74                  |
| F & M National Corporation,<br>Winchester, Virginia                    | Peoples Loans, Incorporated,<br>Luray, Virginia                    | 1/30/74                                      | 39 F.R. 4960<br>2/8/74                   |
| First Pennsylvania Corporation,<br>Philadelphia, Pennsylvania          | Cowart Finance Center, Inc.,<br>Opelousas, Louisiana               | 1/25/74                                      | 39 F.R. 4513<br>2/4/74                   |
| Rice Insurance Agency, Inc.,<br>Strasburg, Colorado                    | Certain insurance activities                                       | 1/29/74                                      | 39 F.R. 4695<br>2/6/74                   |
| Southwest Bancshares, Inc.,<br>Houston, Texas                          | Mortgage Banking   | 1/14/74                                      | 39 F.R. 2518<br>1/22/74                  |
| State Street Boston Financial<br>Corporation, Boston,<br>Massachusetts | Kentucky Mortgage Company,<br>Incorporated, Lexington,<br>Kentucky | 1/8/74                                       | 39 F.R. 2520<br>1/22/74                  |
| United Penn Corporation,<br>Wilkes-Barre, Pennsylvania                 | Valley Consumer Discount<br>Company, Exeter, Pennsylvania          | 1/15/74                                      | 39 F.R. 2645<br>1/23/74                  |
| Worcester Bancorp, Inc.,<br>Worcester, Massachusetts                   | Wornat Insurance Agency, Inc.,<br>Worcester, Massachusetts         | 1/28/74                                      | 39 F.R. 4618<br>2/5/74                   |

### ORDERS ISSUED BY FEDERAL RESERVE BANKS

During January 1974, applications were approved by the Federal Reserve Banks under delegated authority as listed below. The orders have been published in the Federal Register, and copies of the orders are available upon request to the Reserve Bank.

| <i>Applicant</i>   | <i>Bank(s)</i>   | <i>Reserve Bank</i> | <i>Effective date</i> | <i>Federal Register citation</i> |
|--|--|---------------------|-----------------------|----------------------------------|
| Northern States Bancorporation, Inc., Detroit, Michigan and Twin Gates Corporation, Wilmington, Delaware | National Bank of Rochester, Rochester, Michigan                                  | Chicago             | 1/18/74               | 39 F.R. 4514<br>2/4/74           |
| Allied Bancshares, Inc., Houston, Texas  | Clear Creek Bank, Seabrook, Texas  | Dallas              | 1/14/74               | 39 F.R. 2804<br>1/24/74          |
| Allied Bancshares, Inc., Houston, Texas  | Deer Park Bank, Deer Park, Texas   | Dallas              | 1/14/74               | 39 F.R. 2805<br>1/24/74          |
| Allied Bancshares, Inc., Houston, Texas  | Fairbanks Bank of Houston, Houston, Texas  | Dallas              | 1/18/74               | 39 F.R. 3863<br>1/30/74          |
| Allied Bancshares, Inc., Houston, Texas  | First National Bank of Crockett, Crockett, Texas                                 | Dallas              | 1/14/74               | 39 F.R. 2805<br>1/24/74          |
| Frost Bank Corporation, San Antonio, Texas   | Parkdale State, Corpus Christi, Texas  | Dallas              | 1/29/74               | 39 F.R. 5229<br>2/11/74          |
| First at Orlando Corporation, Orlando, Florida   | Coconut Grove Bank, Miami, Florida and Sunshine State Bank, South Miami, Florida | Atlanta             | 1/18/74               | 39 F.R. 3864<br>1/30/74          |
| Popular Bancshares Corporation, Miami, Florida   | North American Bank of Tampa, Tampa, Florida                                     | Atlanta             | 1/8/74                | 39 F.R. 2309<br>1/18/74          |

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# Directory of Federal Reserve Banks and Branches

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Following is a list of the directorates of the Federal Reserve Banks and Branches as at present constituted. The list shows, in addition to the name of each director, his principal business affiliation, the class of directorship, and the date when his term expires. Each Federal Reserve Bank has nine directors; three Class A and three Class B directors, who are elected by the stockholding member banks, and three Class C directors, who are appointed by the Board of Governors of the Federal Reserve System. Class A directors are representative of the stockholding member banks. Class B directors at the time of their election must be actively engaged in their district in commerce, agriculture, or some industrial pursuit, and may not be officers, directors, or employees of any bank. For the purpose of electing Class A and Class B directors, the member banks of each Federal Reserve district are classified by the Board of Governors of the Federal Reserve System into three groups, each of which consists of banks of similar capitalization, and each group elects one Class A and one Class B director. Class C directors may not be officers, directors, employees, or stockholders of any bank. One Class C director is designated by the Board of Governors as Chairman of the Board of Directors and Federal Reserve Agent and another is appointed Deputy Chairman. Federal Reserve Branches have either five or seven directors, of whom a majority are appointed by the Board of Directors of the parent Federal Reserve Bank; the others are appointed by the Board of Governors of the Federal Reserve System. One of the directors appointed by the Board of Governors at each Branch is designated annually as Chairman of the Board in such a manner as the Federal Reserve Bank may prescribe.

Names followed by footnote 1 (1) are Chairmen and those by footnote 2 (2) are Deputy Chairmen. Names in capital letters indicate new appointments; all others are reappointments.

## District 1—FEDERAL RESERVE BANK OF BOSTON

|                                  | <i>Term<br/>expires<br/>Dec. 31</i>  |
|----------------------------------|--|
| <i>Class A:</i>                  |  |
| MARK C. WHEELER                  | President, New England Merchants National Bank, Boston, Mass. 1974           |
| WILLIAM M. HONEY                 | President, The Martha's Vineyard National Bank, Vineyard Haven, Mass. 1975   |
| FRANCIS N. SOUTH-<br>WORTH       | Chairman of the Board, President, Concord National Bank, Concord, N.H. 1976  |
| <br><i>Class B:</i>              |  |
| W. GORDON ROBERTSON              | Bangor, Maine 1974   |
| ALFRED W. VAN SINDEREN           | President, The Southern New England Telephone Company, New Haven, Conn. 1975 |
| G. WILLIAM MILLER                | President, Textron, Providence, R.I. 1976                                    |
| <br><i>Class C:</i>              |  |
| JAMES S. DUESENBERY <sup>1</sup> | Chairman, Department of Economics, Harvard University, Cambridge, Mass. 1974 |
| LOUIS W. CABOT <sup>2</sup>      | Chairman of the Board, Cabot Corporation, Boston, Mass. 1975                 |
| KENNETH I. GUSCOTT               | President, Ken Guscott Associates, Boston, Mass. 1976                        |

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**District 2—FEDERAL RESERVE BANK OF NEW YORK**

|                                    |  | <i>Term<br/>expires<br/>Dec. 31</i> |
|------------------------------------|--|-------------------------------------|
| <i>Class A:</i>                    |  |                                     |
| NORMAN BRASSLER                    | Chairman of the Board, Chief Executive Officer, New Jersey Bank, N.A., Passaic, N.J. | 1974                                |
| NEWMAN E. WAIT, Jr.                | President, Adirondack Trust Company, Saratoga Springs, N.Y.                          | 1975                                |
| DAVID ROCKEFELLER                  | Chairman of the Board, The Chase Manhattan Bank, N.A., New York, N.Y.                | 1976                                |
| <i>Class B:</i>                    |  |                                     |
| WILLIAM S. SNEATH                  | President, Union Carbide Corporation, New York, N.Y.                                 | 1974                                |
| JACK B. JACKSON                    | President, J. C. Penney Company, New York, N.Y.                                      | 1975                                |
| MAURICE F. GRANVILLE               | Chairman of the Board, Texaco, New York, N.Y.  | 1976                                |
| <i>Class C:</i>                    |  |                                     |
| ROSWELL L. GILPATRICK <sup>1</sup> | Partner, Cravath, Swaine & Moore, New York, N.Y.                                     | 1974                                |
| FRANK R. MILLIKEN <sup>2</sup>     | President, Kennecott Copper Corporation, New York, N.Y.                              | 1975                                |
| ALAN PIFER                         | President, Carnegie Corporation of New York, N.Y.                                    | 1976                                |

**BUFFALO BRANCH***Appointed by Federal Reserve Bank:*

|                     |  |      |
|---------------------|--|------|
| THEODORE M. McCLURE | President, The Citizens National Bank and Trust Company, Wellsville, N.Y.                  | 1974 |
| CLAUDE F. SHUCHTER  | President, Chief Executive Officer, Manufacturers and Traders Trust Company, Buffalo, N.Y. | 1975 |
| J. WALLACE ELY      | President, Security Trust Company of Rochester, N.Y.                                       | 1976 |
| DANIEL G. RANSOM    | President, Wm. Hengerer Company, Buffalo, N.Y.   | 1976 |

*Appointed by Board of Governors:*

|                              |  |      |
|------------------------------|--|------|
| NORMAN F. BEACH <sup>1</sup> | Vice President, General Manager, Kodak Park Division, Eastman Kodak Company, Rochester, N.Y. | 1974 |
| DONALD NESBITT               | Owner-Operator, Silver Creek Farms, Albion, N.Y.   | 1975 |
| RUPERT WARREN                | Trico Products Corporation, Buffalo, N.Y.  | 1976 |

**District 3—FEDERAL RESERVE BANK OF PHILADELPHIA***Class A:*

|                  |  |      |
|------------------|--|------|
| JOHN C. TUTEN    | Chairman of the Board, Chief Executive Officer, National Central Bank and National Central Financial Corporation, Lancaster, Pa. | 1974 |
| JOHN H. HASSLER  | President, The City National Bank and Trust Company of Salem, N.J.   | 1975 |
| THOMAS L. MILLER | President, Upper Dauphin National Bank, Millersburg, Pa.   | 1976 |

**District 3—FEDERAL RESERVE BANK OF PHILADELPHIA—Continued**

|                              |   | <i>Term<br/>expires<br/>Dec. 31</i> |
|------------------------------|---|-------------------------------------|
| <i>Class B:</i>              |   |                                     |
| C. GRAHAM BERWIND, JR.       | President, Chief Executive Officer, Berwind Corporation, Philadelphia, Pa.            | 1974                                |
| BERNARD D. BROEKER           | Executive Vice President, Bethlehem Steel Corporation, Bethlehem, Pa.                 | 1975                                |
| WILLIAM S. MASLAND           | President, C. H. Masland and Sons, Carlisle, Pa.                                      | 1976                                |
| <i>Class C:</i>              |   |                                     |
| EDWARD W. ROBINSON, JR.      | President, Provident Home Industrial Mutual Life Insurance Company, Philadelphia, Pa. | 1974                                |
| EDWARD J. DWYER <sup>1</sup> | Chairman of the Board, ESB Incorporated, Philadelphia, Pa.                            | 1975                                |
| JOHN R. COLEMAN <sup>2</sup> | President, Haverford College, Haverford, Pa.  | 1976                                |

**District 4—FEDERAL RESERVE BANK OF CLEVELAND**

|                                |   |      |
|--------------------------------|---|------|
| <i>Class A:</i>                |   |      |
| A. BRUCE BOWDEN                | Retired Vice Chairman of the Board, Mellon Bank, N.A., Pittsburgh, Pa.                  | 1974 |
| DAVID L. BRUMBACK, JR.         | President, Van Wert National Bank, Van Wert, Ohio                                       | 1975 |
| EDWARD W. BARKER               | Chairman of the Board, Chief Executive Officer, First National Bank of Middletown, Ohio | 1976 |
| <i>Class B:</i>                |   |      |
| DONALD E. NOBLE                | Chairman of the Board, Chief Executive Officer, Rubbermaid Incorporated, Wooster, Ohio  | 1974 |
| RENE C. MCPHERSON              | Chairman of the Board, Chief Executive Officer, Dana Corporation, Toledo, Ohio          | 1975 |
| CHARLES Y. LAZARUS             | Chairman of the Board, Chief Executive Officer, F. & R. Lazarus Company, Columbus, Ohio | 1976 |
| <i>Class C:</i>                |   |      |
| HORACE A. SHEPARD <sup>1</sup> | Chairman of the Board, Chief Executive Officer, TRW Incorporated, Cleveland, Ohio       | 1974 |
| OTIS A. SINGLETARY             | President, University of Kentucky, Lexington, Ky.                                       | 1975 |
| ROBERT E. KIRBY <sup>2</sup>   | President, Westinghouse Electric Corporation, Pittsburgh, Pa.                           | 1976 |

**CINCINNATI BRANCH***Appointed by Federal Reserve Bank:*

|                          |  |      |
|--------------------------|--|------|
| E. PAUL WILLIAMS         | Chairman of the Board, The Second National Bank of Ashland, Ky.  | 1974 |
| PAUL W. CHRISTENSEN, JR. | President, The Cincinnati Gear Company, Cincinnati, Ohio         | 1975 |
| ROBERT E. HALL           | President, The First National Bank and Trust Company, Troy, Ohio | 1975 |
| JOSEPH F. RIPPE          | President, The Provident Bank, Cincinnati, Ohio                  | 1976 |



**District 4—FEDERAL RESERVE BANK OF CLEVELAND—Continued**

**CINCINNATI BRANCH—Continued**

*Appointed by Board of Governors:*

*Term  
expires  
Dec. 31*

|                             |   |      |
|-----------------------------|---|------|
| GRAHAM E. MARX <sup>1</sup> | President, General Manager, The G. A. Gray Company, Cincinnati, Ohio      | 1974 |
| PHILLIP R. SHRIVER          | President, Miami University, Oxford, Ohio                                 | 1975 |
| CLAIR F. VOUGH              | Vice President, Office Products Division, IBM Corporation, Lexington, Ky. | 1976 |

**PITTSBURGH BRANCH**

*Appointed by Federal Reserve Bank:*

|                          |   |      |
|--------------------------|---|------|
| CHARLES F. WARD          | President, Gallatin National Bank, Uniontown, Pa.                               | 1974 |
| ROBINSON F. BARKER       | Chairman of the Board, Chief Executive Officer, PPG Industries, Pittsburgh, Pa. | 1975 |
| JERRY A. HALVERSON       | President, The First National Bank and Trust Company of Wheeling, W.Va.         | 1975 |
| MALCOLM E. LAMBLING, JR. | President, The First National Bank of Pennsylvania, Erie, Pa.                   | 1976 |

*Appointed by Board of Governors:*

|                             |  |      |
|-----------------------------|--|------|
| RICHARD M. CYERT            | President, Carnegie-Mellon University, Pittsburgh, Pa.       | 1974 |
| DOUGLAS GRYMES <sup>1</sup> | President, Koppers Company, Pittsburgh, Pa.                  | 1975 |
| G. JACKSON TANKERSLEY       | President, Consolidated Natural Gas Company, Pittsburgh, Pa. | 1976 |

**District 5—FEDERAL RESERVE BANK OF RICHMOND**

*Class A:*

|                 |   |      |
|-----------------|---|------|
| EDWARD N. EVANS | President, Farmers and Merchants National Bank of Cambridge, Md.                    | 1974 |
| JOHN N. LUMPKIN | Chairman, Chief Executive Officer, The South Carolina National Bank, Columbia, S.C. | 1975 |
| CLAUDE HENSON   | President, Chairman of the Board, The First National Bank of Asheboro, N.C.         | 1976 |

*Class B:*

|                       |  |      |
|-----------------------|--|------|
| HENRY C. HOFHEIMER II | Chairman, Virginia Real Estate Investment Trust, Norfolk, Va.  | 1974 |
| OSBY L. WEIR          | General Manager—Retired, Metropolitan Washington-Baltimore Area, Sears, Roebuck and Company, Kensington, Md. | 1975 |
| ANDREW L. CLARK       | President, Andy Clark Ford, Princeton, W.Va.   | 1976 |

*Class C:*

|                                    |   |      |
|------------------------------------|---|------|
| E. CRAIG WALL <sup>2</sup>         | Chairman of the Board, Canal Industries, Conway, S.C.                     | 1974 |
| ROBERT W. LAWSON, JR. <sup>1</sup> | Senior Partner, Charleston Office, Steptoe and Johnson, Charleston, W.Va. | 1975 |
| E. ANGUS POWELL                    | Chairman of the Board, Lea Industries, Richmond, Va.                      | 1976 |

**District 5—FEDERAL RESERVE BANK OF RICHMOND—Continued**

| <b>BALTIMORE BRANCH</b>                   |  | <i>Term<br/>expires<br/>Dec. 31</i> |
|---|--|-------------------------------------|
| <i>Appointed by Federal Reserve Bank:</i> |  |                                     |
| J. PIERRE BERNARD                         | Chairman of the Board, The Annapolis Banking and Trust Company, Annapolis, Md. | 1974                                |
| J. R. CHAFFINCH, JR.                      | President, The Denton National Bank, Denton, Md.                               | 1975                                |
| J. STEVENSON PECK                         | Chairman of the Board, Union Trust Company of Maryland, Baltimore, Md.         | 1976                                |
| DOUGLASS ADAMS                            | President, The Parkersburg National Bank, Parkersburg, W.Va.                   | 1976                                |

*Appointed by Board of Governors:*

|                              |  |      |
|------------------------------|--|------|
| JAMES G. HARLOW <sup>1</sup> | President, West Virginia University, Morgantown, W.Va.             | 1974 |
| DAVID W. BARTON, JR.         | President, Barton-Gillet Company, Baltimore, Md.                   | 1975 |
| I. E. KILLIAN                | Manager, Eastern Region, Exxon Corporation, U.S.A., Baltimore, Md. | 1976 |

**CHARLOTTE BRANCH***Appointed by Federal Reserve Bank:*

|                    |   |      |
|--------------------|---|------|
| L. D. COLTRANE III | President, The Concord National Bank, Concord, N.C.                                     | 1974 |
| WILLIAM W. BRUNER  | Chairman of the Board, President, First National Bank of South Carolina, Columbia, S.C. | 1975 |
| THOMAS L. BENSON   | President, The Conway National Bank, Conway, S.C.                                       | 1976 |
| PLATO PEARSON, JR. | President, Citizens National Bank in Gastonia, N.C.                                     | 1976 |

*Appointed by Board of Governors:*

|                                |  |      |
|--------------------------------|--|------|
| CHARLES F. BENBOW              | Senior Vice President, R. J. Reynolds Industries, Winston-Salem, N.C.                | 1974 |
| ROBERT C. EDWARDS              | President, Clemson University, Clemson, S.C.   | 1975 |
| CHARLES W. DEBELL <sup>1</sup> | General Manager, North Carolina Works, Western Electric Company, Winston-Salem, N.C. | 1976 |

**District 6—FEDERAL RESERVE BANK OF ATLANTA***Class A:*

|                     |  |      |
|---------------------|--|------|
| JACK P. KEITH       | President, First National Bank of West Point, Ga.                      | 1974 |
| SAM I. YARNELL      | Chairman, American National Bank and Trust Company, Chattanooga, Tenn. | 1975 |
| JOHN T. OLIVER, JR. | President, First National Bank of Jasper, Ala.                         | 1976 |

*Class B:*

|                    |  |      |
|--------------------|--|------|
| ULYSSES V. GOODWYN | Executive Vice President, Southern Natural Resources, Birmingham, Ala.   | 1974 |
| GEORGE W. JENKINS  | Chairman, Publix Super Markets, Lakeland, Fla.                           | 1975 |
| ROBERT T. HORNBECK | Manager, Tennessee Operations, Aluminum Company of America, Alcoa, Tenn. | 1976 |

*Class C:*

|  |  |      |
|--|--|------|
| H. G. PATTILLO <sup>1</sup>            | President, Pattillo Construction Company, Decatur, Ga. | 1974 |
| F. EVANS FARWELL                       | President, Milliken and Farwell, New Orleans, La.      | 1975 |
| CLIFFORD M. KIRTLAND, JR. <sup>2</sup> | President, Cox Broadcasting Corporation, Atlanta, Ga.  | 1976 |

**District 6—FEDERAL RESERVE BANK OF ATLANTA—Continued**

**BIRMINGHAM BRANCH**

*Term  
expires  
Dec. 31*

*Appointed by Federal Reserve Bank:*

|                     |   |      |
|---------------------|---|------|
| W. EUGENE MORGAN    | President, Chief Executive Officer, The First National Bank of Huntsville, Ala. | 1974 |
| JOHN ALEXANDER, JR. | President, City National Bank of Birmingham, Ala.                               | 1975 |
| LAWRENCE HARRIS     | President, Slocomb National Bank, Slocomb, Ala.                                 | 1976 |
| JOHN MAPLES, JR.    | Executive Vice President, Union Bank and Trust Company, Montgomery, Ala.        | 1976 |

*Appointed by Board of Governors:*

|                               |  |      |
|-------------------------------|--|------|
| WILLIAM C. BAUER <sup>1</sup> | President, South Central Bell, Birmingham, Ala.                                  | 1974 |
| FRANK P. SAMFORD, JR.         | Chairman of the Board, Liberty National Life Insurance Company, Birmingham, Ala. | 1975 |
| DAVID MATHEWS                 | President, University of Alabama, University, Ala.                               | 1976 |

**JACKSONVILLE BRANCH**

*Appointed by Federal Reserve Bank:*

|                                 |  |              |
|---------------------------------|--|--------------|
| GUY W. BOTTS                    | Vice Chairman of the Board, Barnett Bank of Jacksonville, N.A., Jacksonville, Fla. | 1974         |
| MICHAEL J. FRANCO               | Chairman of the Board, City National Bank of Miami, Fla.                           | 1975         |
| WILLIAM K. DE VEER<br>(Vacancy) | President, First National Bank in Palm Beach, Fla.                                 | 1976<br>1976 |

*Appointed by Board of Governors:*

|                                 |   |      |
|---------------------------------|---|------|
| GERT H. W. SCHMIDT <sup>1</sup> | President, TeleVision 12 of Jacksonville, Fla.              | 1974 |
| JAMES E. LYONS                  | President, Lyons Industrial Corporation, Winter Haven, Fla. | 1975 |
| EGBERT R. BEALL                 | President, Beall's Department Stores, Bradenton, Fla.       | 1976 |

**NASHVILLE BRANCH**

*Appointed by Federal Reserve Bank:*

|                             |   |      |
|-----------------------------|---|------|
| W. BRYAN WOODARD            | President, Kingsport National Bank, Kingsport, Tenn.        | 1974 |
| ROBERT E. CURRY             | President, First National Bank of Pulaski, Tenn.            | 1975 |
| T. SCOTT FILLEBROWN,<br>JR. | President, First American National Bank of Nashville, Tenn. | 1976 |
| FRED R. LAWSON              | President, Blount National Bank of Maryville, Tenn.         | 1976 |

*Appointed by Board of Governors:*

|                               |   |      |
|-------------------------------|---|------|
| EDWARD J. BOLING <sup>1</sup> | President, The University of Tennessee, Knoxville, Tenn.          | 1974 |
| JOHN C. TUNE                  | Partner, Butler, McHugh, Butler, Tune and Watts, Nashville, Tenn. | 1975 |
| JAMES W. LONG                 | President, Robertson County Farm Bureau, Springfield, Tenn.       | 1976 |

**NEW ORLEANS BRANCH**

*Appointed by Federal Reserve Bank:*

|                     |   |      |
|---------------------|---|------|
| ARCHIE R. McDONNELL | President, Citizens National Bank, Meridian, Miss.  | 1974 |
| ERNEST F. LADD, JR. | Chairman, The Merchants National Bank, Mobile, Ala.   | 1975 |
| JAMES H. JONES      | Chairman of the Board, Chief Executive Officer, First National Bank of Commerce, New Orleans, La. | 1976 |
| CHARLES W. McCOY    | Chairman of the Board, President, Louisiana National Bank, Baton Rouge, La.                       | 1976 |

**District 6—FEDERAL RESERVE BANK OF ATLANTA—Continued****NEW ORLEANS BRANCH—Continued**

|   |  | <i>Term<br/>expires<br/>Dec. 31</i> |
|---|--|-------------------------------------|
| <i>Appointed by Board of Governors:</i> |  |                                     |
| FRED ADAMS, JR.                         | President, Cal-Maine Foods, Jackson, Miss.       | 1974                                |
| EDWIN J. CAPLAN <sup>1</sup>            | President, Caplan's Men's Shops, Alexandria, La. | 1975                                |
| (Vacancy)                               |  | 1976                                |

**District 7—FEDERAL RESERVE BANK OF CHICAGO***Class A:*

|                    |  |      |
|--------------------|--|------|
| FLOYD F. WHITMORE  | President, The Okey-Vernon National Bank, Corning, Iowa          | 1974 |
| EDWARD BYRON SMITH | Chairman of the Board, The Northern Trust Company, Chicago, Ill. | 1975 |
| JAY J. DELAY       | President, Huron Valley National Bank, Ann Arbor, Mich.          | 1976 |

*Class B:*

|                 |   |      |
|-----------------|---|------|
| JOHN T. HACKETT | Executive Vice President, Cummins Engine Company, Columbus, Ind.        | 1974 |
| OSCAR G. MAYER  | Chairman of Executive Committee, Oscar Mayer and Company, Madison, Wis. | 1975 |
| PAUL V. FARVER  | President, Rolscreen Company, Pella, Iowa                               | 1976 |

*Class C:*

|                                  |  |      |
|----------------------------------|--|------|
| WILLIAM H. FRANKLIN <sup>1</sup> | Chairman of the Board, Caterpillar Tractor Company, Peoria, Ill.               | 1974 |
| PETER B. CLARK <sup>2</sup>      | Chairman of the Board, President, The Evening News Association, Detroit, Mich. | 1975 |
| ROBERT H. STROTZ                 | President, Northwestern University, Evanston, Ill.                             | 1976 |

**DETROIT BRANCH***Appointed by Federal Reserve Bank:*

|                   |   |      |
|-------------------|---|------|
| HAROLD A. EIGAS   | President, Gaylord State Bank, Gaylord, Mich.                       | 1974 |
| JOSEPH B. FOSTER  | President, Ann Arbor Bank, Ann Arbor, Mich.                         | 1975 |
| ROLAND A. MEWHORT | Director, Consultant, Manufacturers National Bank of Detroit, Mich. | 1975 |
| ROBERT M. SURDAM  | Chairman of the Board, National Detroit Corporation, Detroit, Mich. | 1976 |

*Appointed by Board of Governors:*

|                          |   |      |
|--------------------------|---|------|
| TOM KILLEFER             | Vice President-Finance, General Counsel, Chrysler Corporation, Detroit, Mich.                         | 1974 |
| W. M. DEFOE <sup>1</sup> | Chairman of the Board, Defoe Shipbuilding Company, Bay City, Mich.                                    | 1975 |
| JORDAN B. TATTER         | District Horticultural Agent, Cooperative Extension Service—Michigan State University, Paw Paw, Mich. | 1976 |

**District 8—FEDERAL RESERVE BANK OF ST. LOUIS**

*Term  
expires  
Dec. 31*

*Class A:*

|                         |   |      |
|-------------------------|---|------|
| EDWIN S. JONES          | Chairman of the Board, First National Bank in St. Louis, Mo.                      | 1974 |
| WM. E. WEIGEL           | Executive Vice President, 1st National Bank and Trust Company,<br>Centralia, Ill. | 1975 |
| RAYMOND C.<br>BURROUGHS | President, The City National Bank of Murphysboro, Ill.                            | 1976 |

*Class B:*

|                    |  |      |
|--------------------|--|------|
| JAMES M. TUHOLSKI  | President, Mead Johnson & Company, Evansville, Ind.    | 1974 |
| EDWARD J. SCHNUCK  | Chairman of the Board, Schnuck Markets, Bridgeton, Mo. | 1975 |
| FRED I. BROWN, JR. | President, Arkansas Foundry Company, Little Rock, Ark. | 1976 |

*Class C:*

|                                 |   |      |
|---------------------------------|---|------|
| FREDERIC M. PEIRCE <sup>1</sup> | Chairman of the Board, General American Life Insurance Com-<br>pany, St. Louis, Mo. | 1974 |
| SAM COOPER <sup>2</sup>         | President, Humko Products, Division of Krafco Corporation,<br>Memphis, Tenn.        | 1975 |
| HARRY M. YOUNG, JR.             | Melrose Farms, Herndon, Ky.   | 1976 |

**LITTLE ROCK BRANCH**

*Appointed by Federal Reserve Bank:*

|                          |   |      |
|--------------------------|---|------|
| THOMAS E. HAYS, JR.      | President, First National Bank of Hope, Ark.  | 1974 |
| THOMAS G. VINSON         | President, First National Bank, Batesville, Ark.  | 1975 |
| FIELD WASSON             | President, The First National Bank, Siloam Springs, Ark.                                    | 1975 |
| HERBERT H. MCADAMS<br>II | Chairman of the Board, Chief Executive Officer, Union National<br>Bank of Little Rock, Ark. | 1976 |

*Appointed by Board of Governors:*

|                           |  |      |
|---------------------------|--|------|
| AL POLLARD                | President, Al Pollard & Associates, Little Rock, Ark.                      | 1974 |
| W. M. PIERCE <sup>1</sup> | President, Arkansas Business Development Corporation, Little<br>Rock, Ark. | 1975 |
| ROLAND R. REMMEL          | Chairman of the Board, Southland Building Products, Little<br>Rock, Ark.   | 1976 |

**LOUISVILLE BRANCH**

*Appointed by Federal Reserve Bank:*

|                   |  |      |
|-------------------|--|------|
| HUGH M. SHWAB     | Chairman of the Board, First National Bank of Louisville, Ky.                  | 1974 |
| HERBERT J. SMITH  | President, The American National Bank & Trust Company of<br>Bowling Green, Ky. | 1975 |
| TOM G. VOSS       | President, The Seymour National Bank, Seymour, Ind.                            | 1975 |
| HAROLD E. JACKSON | President, The Scott County State Bank, Scottsburg, Ind.                       | 1976 |

*Appointed by Board of Governors:*

|                                  |   |      |
|----------------------------------|---|------|
| JAMES C. HENDERSHOT <sup>1</sup> | President, Reliance Universal Incorporated, Louisville, Ky.   | 1974 |
| JAMES H. DAVIS                   | Chairman of the Board, Chief Executive Officer, Porter Paint<br>Company, Louisville, Ky.              | 1975 |
| WILLIAM H. STROUBE               | Associate Dean, College of Science and Technology, Western<br>Kentucky University, Bowling Green, Ky. | 1976 |

**District 8—FEDERAL RESERVE BANK OF ST. LOUIS—Continued****MEMPHIS BRANCH***Term  
expires  
Dec. 31**Appointed by Federal Reserve Bank:*

|                     |   |      |
|---------------------|---|------|
| GARNER L. HICKMAN   | Chairman of the Board, President, The First National Bank of Oxford, Miss.                                  | 1974 |
| RIDLEY ALEXANDER    | Chairman, The Second National Bank of Jackson, Tenn.  | 1975 |
| C. BENNETT HARRISON | Chairman of the Board, Union Planters National Bank of Memphis, Tenn.                                       | 1975 |
| WILLIAM M. CAMPBELL | Chairman of the Board, Chief Executive Officer, First National Bank of Eastern Arkansas, Forrest City, Ark. | 1976 |

*Appointed by Board of Governors:*

|                               |   |      |
|-------------------------------|---|------|
| C. WHITNEY BROWN <sup>1</sup> | President, S.C. Toof and Company, Memphis, Tenn.  | 1974 |
| JEANNE L. HOLLEY              | Assistant Professor of Business Education, University of Mississippi, University, Miss. | 1975 |
| (Vacancy)                     |   | 1976 |

**District 9—FEDERAL RESERVE BANK OF MINNEAPOLIS***Class A:*

|                   |   |      |
|-------------------|---|------|
| ROY H. JOHNSON    | President, The First National Bank of Negaunee, Mich.               | 1974 |
| DAVID M. SMITH    | President, First National Bank of River Falls, Wis.                 | 1975 |
| CHARLES T. UNDLIN | President, First National Bank of the Black Hills, Rapid City, S.D. | 1976 |

*Class B:*

|                  |   |      |
|------------------|---|------|
| JOHN H. BAILEY   | President, The Cretex Companies, Elk River, Minn.                         | 1974 |
| DAVID M. HESKETT | President, Montana-Dakota Utilities Company, Bismarck, N.D.               | 1975 |
| WARREN B. JONES  | Secretary-Treasurer, Two Dot Land and Livestock Company, Harlowton, Mont. | 1976 |

*Class C:*

|                                 |   |      |
|---------------------------------|---|------|
| BRUCE B. DAYTON <sup>1</sup>    | Chairman of the Board, Dayton Hudson Corporation, Minneapolis, Minn.              | 1974 |
| JAMES P. McFARLAND <sup>2</sup> | Chairman of the Board, Chief Executive Officer, General Mills, Minneapolis, Minn. | 1975 |
| HOWARD B. SWEARER               | President, Carleton College, Northfield, Minn.                                    | 1976 |

**HELENA BRANCH***Appointed by Federal Reserve Bank:*

|                  |  |      |
|------------------|--|------|
| ROBERT I. PENNER | President, Citizens First National Bank, Wolf Point, Mont. | 1974 |
| JOHN REICHEL     | President, 1st National Bank in Bozeman, Mont.             | 1974 |
| DONALD E. OLSSON | President, Ronan State Bank, Ronan, Mont.                  | 1975 |

*Appointed by Board of Governors:*

|                                    |   |      |
|------------------------------------|---|------|
| DAVID G. DRUM                      | President, Y-V Fertilizer Corporation, Billings, Mont.        | 1974 |
| WILLIAM A. CORDINGLEY <sup>1</sup> | Publisher, President, Great Falls Tribune, Great Falls, Mont. | 1975 |

**District 10—FEDERAL RESERVE BANK OF KANSAS CITY**

*Term  
expires  
Dec. 31*

*Class A:*

|                      |  |      |
|----------------------|--|------|
| JOHN A. O'LEARY      | Chairman of the Board, The Peoples State Bank, Luray, Kans.      | 1974 |
| ROGER D. KNIGHT, JR. | Chairman of the Board, United Banks of Colorado, Denver, Colo.   | 1975 |
| PHILIP HAMM          | President, First National Bank & Trust Company, El Dorado, Kans. | 1976 |

*Class B:*

|                 |   |      |
|-----------------|---|------|
| FRANK C. LOVE   | Of Counsel—Crowe, Dunlevy, Thweatt, Swinford, Johnson and Burdick, Oklahoma City, Okla. | 1974 |
| CECIL O. EMRICH | President, C.O. Emrich Enterprises, Norfolk, Nebr.                                      | 1975 |
| DONALD J. HALL  | President, Hallmark Cards, Kansas City, Mo.   | 1976 |

*Class C:*

|                                 |   |      |
|---------------------------------|---|------|
| ROBERT W. WAGSTAFF <sup>1</sup> | Chairman of the Board, President, Coca-Cola Bottling Company of Mid-America, Kansas City, Mo. | 1974 |
| HAROLD W. ANDERSEN              | President, World Publishing Company, Omaha World Herald, Omaha, Nebr.                         | 1975 |
| ROBERT T. PERSON <sup>2</sup>   | Chairman of the Board, President, Public Service Company of Colorado, Denver, Colo.           | 1976 |

**DENVER BRANCH**

*Appointed by Federal Reserve Bank:*

|                       |  |      |
|-----------------------|--|------|
| ROBERT L. TRIPP       | Chairman of the Board, Chief Executive Officer, Albuquerque National Bank, Albuquerque, N.M. | 1974 |
| DALE R. HINMAN        | Chairman of the Board, The Greeley National Bank, Greeley, Colo.                             | 1974 |
| FELIX BUCHENROTH, JR. | President, The Jackson State Bank, Jackson, Wyo.   | 1975 |

*Appointed by Board of Governors:*

|                                  |   |      |
|----------------------------------|---|------|
| EDWARD R. LUCERO                 | President, Colorado Economic Development Association, Lakewood, Colo. | 1974 |
| MAURICE B. MITCHELL <sup>1</sup> | Chancellor, University of Denver, Indian Hills, Colo.                 | 1975 |

**OKLAHOMA CITY BRANCH**

*Appointed by Federal Reserve Bank:*

|                |  |      |
|----------------|--|------|
| MARVIN MILLARD | Chairman of the Board—Retired, National Bank of Tulsa, Okla.   | 1974 |
| HUGH C. JONES  | Executive Vice President, The Bank of Woodward, Okla.  | 1974 |
| W. H. McDONALD | Chairman of the Executive Committee, The First National Bank and Trust Company of Oklahoma City, Okla. | 1975 |

*Appointed by Board of Governors:*

|                                 |   |      |
|---------------------------------|---|------|
| HARLEY CUSTER                   | General Manager, Oklahoma Livestock Marketing Association, Oklahoma City, Okla. | 1974 |
| JOSEPH H. WILLIAMS <sup>1</sup> | President, The Williams Companies, Tulsa, Okla.                                 | 1975 |

**District 10—FEDERAL RESERVE BANK OF KANSAS CITY—Continued****OMAHA BRANCH***Appointed by Federal Reserve Bank:**Term  
expires  
Dec. 31*

|                 |  |      |
|-----------------|--|------|
| EDWARD W. LYMAN | Chairman, The United States National Bank of Omaha, Nebr.                                | 1974 |
| GLENN YAUSSE    | Vice Chairman of the Board, National Bank of Commerce Trust<br>& Savings, Lincoln, Nebr. | 1975 |
| ROY G. DINSDALE | Chairman of the Board, Farmers National Bank of Central City,<br>Nebr.                   | 1975 |

*Appointed by Board of Governors:*

|                                |  |      |
|--------------------------------|--|------|
| EDWARD F. OWEN                 | President, Paxton & Vierling Steel Company, Omaha, Nebr. | 1974 |
| DURWARD B. VARNER <sup>1</sup> | President, University of Nebraska, Lincoln, Nebr.        | 1975 |

**District 11—FEDERAL RESERVE BANK OF DALLAS***Class A:*

|                       |   |      |
|-----------------------|---|------|
| A. W. RITER, JR.      | President, Chairman of the Executive Committee, The Peoples<br>National Bank of Tyler, Tex. | 1974 |
| ROBERT H. STEWART III | Chairman of the Board, First International Bancshares, Dallas,<br>Tex.                      | 1975 |
| GENE D. ADAMS         | President, The First National Bank of Seymour, Tex.   | 1976 |

*Class B:*

|                   |   |      |
|-------------------|---|------|
| HUGH F. STEEN     | President, El Paso Natural Gas Company, El Paso, Tex.                         | 1974 |
| THOMAS W. HERRICK | President, Mesa Agro, Amarillo, Tex.  | 1975 |
| STEWART ORTON     | President, Foley's, Division of Federated Department Stores,<br>Houston, Tex. | 1976 |

*Class C:*

|                                |   |      |
|--------------------------------|---|------|
| IRVING A. MATHEWS              | Chairman of the Board, Chief Executive Officer, Frost Bros.,<br>San Antonio, Tex.             | 1974 |
| CHARLES T. BEAIRD <sup>2</sup> | Chairman of the Board, Beaird-Poulan Division, Emerson Elec-<br>tric Company, Shreveport, La. | 1975 |
| JOHN LAWRENCE <sup>1</sup>     | Chairman of the Board, Dresser Industries, Dallas, Tex.                                       | 1976 |

**EL PASO BRANCH***Appointed by Federal Reserve Bank:*

|                   |  |      |
|-------------------|--|------|
| WAYNE STEWART     | President, First National Bank in Alamogordo, N.M.                                 | 1974 |
| REED H. CHITTIM   | President, First National Bank of Lea County, Hobbs, N.M.                          | 1975 |
| SAM D. YOUNG, JR. | President, El Paso National Bank, El Paso, Tex.                                    | 1975 |
| C. J. KELLY       | President, Vice Chairman of the Board, The First National Bank<br>of Midland, Tex. | 1976 |

*Appointed by Board of Governors:*

|                              |   |      |
|------------------------------|---|------|
| GAGE HOLLAND <sup>1</sup>    | Owner, Gage Holland Ranch, Alpine, Tex.             | 1974 |
| ALLAN B. BOWMAN <sup>2</sup> | President, Amax Arizona, Tucson, Ariz.              | 1975 |
| HERBERT M. SCHWARTZ          | President, Popular Dry Goods Company, El Paso, Tex. | 1976 |



**District 11—FEDERAL RESERVE BANK OF DALLAS—Continued**

**HOUSTON BRANCH**

*Appointed by Federal Reserve Bank:*

*Term  
expires  
Dec. 31*

|                    |   |      |
|--------------------|---|------|
| SETH W. DORBANDT   | Chairman of the Board, President, First National Bank in Conroe, Tex. | 1974 |
| BOOKMAN PETERS     | President, The City National Bank of Bryan, Tex.                      | 1975 |
| NAT S. ROGERS      | President, First City National Bank of Houston, Tex.                  | 1975 |
| P. K. STUBBLEFIELD | President, Victoria Bank & Trust Company, Victoria, Tex.              | 1976 |

*Appointed by Board of Governors:*

|                               |  |      |
|-------------------------------|--|------|
| CARL B. SHERMAN               | President, Houston Lighting & Power Company, Houston, Tex.                     | 1974 |
| ALVIN I. THOMAS <sup>2</sup>  | President, Prairie View A&M University, Prairie View, Tex.                     | 1975 |
| THOMAS J. BARLOW <sup>1</sup> | President, Chief Executive Officer, Anderson, Clayton & Company, Houston, Tex. | 1976 |

**SAN ANTONIO BRANCH**

*Appointed by Federal Reserve Bank:*

|                    |   |      |
|--------------------|---|------|
| LEON STONE         | President, The Austin National Bank, Austin, Tex.               | 1974 |
| RICHARD W. CALVERT | President, National Bank of Commerce of San Antonio, Tex.       | 1975 |
| W. O. ROBERSON     | Chairman of the Board, First National Bank at Brownsville, Tex. | 1975 |
| BEN R. LOW         | President, First National Bank of Kerrville, Tex.               | 1976 |

*Appointed by Board of Governors:*

|                                   |   |      |
|-----------------------------------|---|------|
| MARSHALL BOYKIN III <sup>1</sup>  | Senior Partner, Wood, Boykin & Wolter, Corpus Christi, Tex. | 1974 |
| PETE J. MORALES, Jr. <sup>2</sup> | President, General Manager, Morales Feed Lots, Devine, Tex. | 1975 |
| MARGARET SCARBROUGH WILSON        | President, Scarbroughs Department Store, Austin, Tex.       | 1976 |

**District 12—FEDERAL RESERVE BANK OF SAN FRANCISCO**

*Class A:*

|                   |  |      |
|-------------------|--|------|
| CARL E. SCHROEDER | President, The First National Bank of Orange County, Orange, Calif.                | 1974 |
| JAMES E. PHILLIPS | President, First National Bank in Port Angeles, Wash.                              | 1975 |
| A. W. CLAUSEN     | President, Chief Executive Officer, Bank of America NT & SA, San Francisco, Calif. | 1976 |

*Class B:*

|                   |   |      |
|-------------------|---|------|
| CHARLES R. DAHL   | President, Chief Executive Officer, Crown Zellerbach, San Francisco, Calif.   | 1974 |
| JOSEPH ROSENBLATT | Honorary Chairman of the Board, The Eimco Corporation, Salt Lake City, Utah   | 1975 |
| CLAIR L. PECK     | President, Chairman of the Board, C. L. Peck Contractors, Los Angeles, Calif. | 1976 |

**District 12—FEDERAL RESERVE BANK OF SAN FRANCISCO—Continued**

|                                  |   | <i>Term<br/>expires<br/>Dec. 31</i> |
|----------------------------------|---|-------------------------------------|
| <i>Class C:</i>                  |   |                                     |
| MAS OJI                          | President, Oji Bros. Farm, Yuba City, Calif.  | 1974                                |
| JOSEPH F. ALIBRANDI <sup>2</sup> | President, Whittaker Corporation, Los Angeles, Calif.                                       | 1975                                |
| O. MEREDITH WILSON <sup>1</sup>  | President, Director, Center for Advanced Study in the Behavioral Sciences, Stanford, Calif. | 1976                                |

**LOS ANGELES BRANCH***Appointed by Federal Reserve Bank:*

|                     |   |      |
|---------------------|---|------|
| RAYBURN S. DEZEMBER | Chairman of the Board, President, American National Bank, Bakersfield, Calif. | 1974 |
| W. GORDON FERGUSON  | President, National Bank of Whittier, Calif.                                  | 1975 |
| LINUS E. SOUTHWICK  | President, Valley National Bank, Glendale, Calif.                             | 1976 |
| ROBERT A. BARLEY    | President, United California Bank, Los Angeles, Calif.                        | 1976 |

*Appointed by Board of Governors:*

|                                |   |              |
|--------------------------------|---|--------------|
| JOSEPH R. VAUGHAN <sup>1</sup> | President, Knudsen Corporation, Los Angeles, Calif. | 1974         |
| LELAND D. PRATT<br>(Vacancy)   | President, Kelco Company, San Diego, Calif.         | 1975<br>1976 |

**PORTLAND BRANCH***Appointed by Federal Reserve Bank:*

|                  |   |      |
|------------------|---|------|
| FRANK L. SERVOSS | President, Crater National Bank of Medford, Ore.  | 1974 |
| JAMES H. STANARD | Vice President, First National Bank of McMinnville, Ore.  | 1974 |
| LEROY B. STAVER  | Chairman of the Board, Chief Executive Officer, United States National Bank of Oregon, Portland, Ore. | 1975 |

*Appointed by Board of Governors:*

|                             |  |      |
|-----------------------------|--|------|
| JOHN R. HOWARD <sup>1</sup> | President, Lewis and Clark College, Portland, Ore. | 1974 |
| LORAN L. STEWARD            | President, Bohemia, Eugene, Ore.                   | 1975 |

**SALT LAKE CITY BRANCH***Appointed by Federal Reserve Bank:*

|                      |   |      |
|----------------------|---|------|
| RODERICK H. BROWNING | President, Bank of Utah, Ogden, Utah                          | 1974 |
| ROY W. SIMMONS       | President, Zions First National Bank, Salt Lake City Utah     | 1974 |
| JOSEPH BIANCO        | Chairman of the Board, President, Bank of Idaho, Boise, Idaho | 1975 |

*Appointed by Board of Governors:*

|                             |  |      |
|-----------------------------|--|------|
| SAM H. BENNION <sup>1</sup> | Secretary-Treasurer, V-1 Oil Company, Idaho Falls, Idaho                   | 1974 |
| THEODORE C. JACOBSEN        | Chairman of the Board, Jacobsen Construction Company, Salt Lake City, Utah | 1975 |

**District 12—FEDERAL RESERVE BANK OF SAN FRANCISCO—Continued**

**SEATTLE BRANCH**

|   |   | <i>Term<br/>expires<br/>Dec. 31</i> |
|---|---|-------------------------------------|
| <i>Appointed by Federal Reserve Bank:</i> |   |                                     |
| HARRY S. GOODFELLOW                       | President, Old National Bank of Washington, Spokane, Wash.  | 1974                                |
| ROBERT C. WHITWAM                         | President, American National Bank of Edmonds, Wash.   | 1974                                |
| JOSEPH C. BAILLARGEON                     | Chairman of the Board, Chief Executive Officer, Seattle Trust<br>and Savings Bank, Seattle, Wash. | 1975                                |
| <i>Appointed by Board of Governors:</i>   |   |                                     |
| C. HENRY BACON, JR. <sup>1</sup>          | Vice Chairman, Simpson Timber Company, Seattle, Wash.   | 1974                                |
| THOMAS T. HIRAI                           | President and Director, Quality Growers Company, Woodinville,<br>Wash.                            | 1975                                |

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# Announcements

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## **REDESIGNATION OF CHAIRMAN BURNS AS CHAIRMAN OF THE BOARD**

The President of the United States on January 28, 1974, issued an Order redesignating Arthur F. Burns as Chairman of the Board of Governors of the Federal Reserve System, to serve as such for a term of 4 years from February 1, 1974, unless and until his services as a Member of the Board of Governors shall have sooner terminated.

Dr. Burns, whose 14-year term as a Member of the Board will expire on January 31, 1984, has served as both a Member of the Board and its Chairman since February 1, 1970. Just prior to his appointment to the Board, Dr. Burns served as Counsellor to the President from January 1969 to January 1970.

## **CHANGE IN BOARD STAFF**

The Board of Governors announced the promotion of John Nicoll, who has been Assistant General Counsel in the Legal Division, to Deputy General Counsel, effective February 8, 1974.

## **TERMINATION OF VFCD GUIDELINES**

The Board of Governors announced on January 29, 1974, the immediate termination of its Voluntary Foreign Credit Restraint Guidelines (VFCD). The program was designed to restrain foreign lending and investment overseas by banks and other financial institutions.

The Board's announcement was made in conjunction with actions by the Treasury Department to reduce the interest equalization tax to zero and by the Commerce Department to terminate its foreign direct investment restriction. The Federal Reserve has administered the VFCD program since early 1965 at the request of the administration.

In announcing its action, the Board said it would request banks and other financial institutions to continue during 1974 to report their overseas lending and investments to the Board, but in substantially reduced detail.

## **COMMITTEE ON MONETARY MEASUREMENTS**

In view of the importance of monetary measurements, the Board of Governors announced on January 31, 1974, the formation of a special com-

mittee of prominent academic experts to review concepts, procedures, and methodology involved in estimating the money supply and other monetary aggregates.

This committee, which is expected to complete its studies within a year, will be chaired by Professor G. L. Bach of Stanford University.

Other committee members are Phillip D. Cagan of Columbia University, who will serve as Executive Secretary of the committee; Milton Friedman of the University of Chicago; Clifford G. Hildreth of the University of Minnesota; Paul W. McCracken of the University of Michigan; Franco Modigliani of the Massachusetts Institute of Technology; and Arthur M. Okun of the Brookings Institution.

## **DRAFT LEGISLATION FOR UNIFORM RESERVE REQUIREMENTS**

The Board of Governors on January 25, 1974, sent to Congress draft legislation designed to implement its recommendations for uniform reserve requirements. The proposed legislation has the following purposes:

To achieve better management of money and credit, to provide a more equitable system of reserve requirements among financial institutions that offer similar deposit services, and to permit Federal Reserve lending assistance to a broader range of financial institutions when and as they come under unusual liquidity pressures.

The draft legislation would extend reserve requirements set by the Federal Reserve to the demand deposits and Negotiable Orders of Withdrawal (NOW's), at all financial institutions—commercial banks, savings and loan associations, and mutual savings banks. The proposal would also provide a widening of the permissible range of reserve requirements.

The Board said the basic principle underlying the proposed legislation is that equivalent cash reserve requirements should apply to all deposits that effectively serve as a part of the public's money balances, regardless of the type of institution in which those balances are held.

While providing a greater measure of monetary control in the economy, the draft legislation would at the same time preserve the balance of supervi-

sory powers inherent in a dual banking system. More than 3,000 of the smaller nonmember banks will be effectively exempt from the new requirements. In addition, the proposal would not require State banks to join the system—membership would be optional for these institutions. Regardless of their membership status, however, State banks under the legislation would be subject to Federal Reserve reserve requirements on demand deposits and NOW accounts, and would have access to Federal Reserve credit at the discount window. Supervision of thrift institutions also would remain unchanged.

Reserve requirements set by State authorities under State law vary from State to State. In about half, the percentage requirements for demand deposits are identical or differ very little (except for large banks) from the percentages now set by the Federal Reserve. Percentages in 15 States are higher while in 7 other States they are lower.

The major difference between State require-

ments and reserve requirements set by the Federal Reserve, however, is in the form in which requirements are held. Reserve requirements set by the Federal Reserve must be held, under law, in the form of vault cash or funds deposited with a Federal Reserve Bank. State requirements can be satisfied not only by holding cash but also in a number of other ways—by holding deposits with other banks or by holding interest-bearing Federal or State securities. Reserves held in this manner do not contribute to the monetary policy function of reserves since the funds are available to finance additional deposits and credit expansion. Thus, the principal thrust of the proposed legislation would be to change the form in which nonmember banks hold their reserves—that is, by requiring them to hold reserves in the form of cash or balances with the Federal Reserve Banks.

The proposal, which differs in some details from earlier recommendations by the Board, would provide a 4-year transition period—during which

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#### FEDERAL RESERVE BANK AND BRANCH DIRECTOR CHANGES DURING 1973

##### **Federal Reserve Bank**

and Branch:

|                      |   |
|----------------------|---|
| <i>New York</i>      | William S. Sneath, President, Union Carbide Corporation, New York, New York, was elected in Class B, Group 2, on August 15.   |
| <i>Philadelphia</i>  | William S. Masland, President, C. H. Masland and Sons, Carlisle, Pennsylvania, was elected in Class B, Group 1, and John C. Tuten, Chairman of the Boards and Chief Executive Officer, National Central Bank and National Central Financial Corporation, Lancaster, Pennsylvania, was elected in Class A, Group 1, on March 13. |
| <i>Richmond</i>      |   |
| Baltimore            | J. Pierre Bernard, Chairman of the Board, The Annapolis Trust Company, Annapolis, Maryland, was appointed on June 14 to succeed Tilton H. Dobbins, President and Chairman of the Executive Committee, Maryland National Bank, Baltimore, Maryland, who resigned.  |
| <i>Atlanta</i>       |   |
| Birmingham           | Frederick G. Koenig, Jr., President and Chief Executive Officer, Alabama By-Products Corporation, Birmingham, Alabama, resigned on July 11.   |
| <i>St. Louis</i>     |   |
| Little Rock          | Will H. Kelley, Chairman of the Board, The State First National Bank of Texarkana, Arkansas, resigned on September 18.  |
| <i>Dallas</i>        |   |
| Houston              | Carl B. Sherman, President, Houston Lighting and Power Company, Houston, Texas, was appointed on August 18 to succeed R. M. Buckley, President, Eastex Incorporated, Silsbee, Texas, who resigned on April 30.  |
| <i>San Francisco</i> |   |
| Los Angeles          | Joseph R. Vaughan, President, Knudsen Corporation, Los Angeles, California, was appointed on July 27 to succeed Ruth Handler, President, Mattel, Hawthorne, California, who resigned on April 19.   |

reserve requirements would gradually be phased in—for institutions not now subject to Federal Reserve requirements.

Details of the draft legislation are as follows:

1. Demand deposits would be subject to a reserve requirement, set by the Board, ranging from 5 per cent to 22 per cent. The present range is from 7 per cent to 22 per cent—from 10 to 22 per cent at reserve city banks and from 7 to 14 per cent at other banks. Under the proposal, no distinction would be made between reserve city and other banks.

2. Interest-bearing deposits from which withdrawals may be made by negotiable instrument (such as NOW's) would be subject to a reserve requirement ranging from 3 per cent to 20 per cent. NOW accounts at member banks in Massachusetts and New Hampshire—the only States where such accounts are permissible—are at present subject to the reserve requirement that applies to time and savings deposits, which may range from 3 per cent to 10 per cent.

3. There would be no required reserves against the first \$2 million of net demand deposits and NOW's at nonmember institutions.

4. Time and savings deposits of member banks would be subject to a reserve requirement ranging from 1 per cent to 10 per cent (instead of 3 per cent to 10 per cent as at present). Time and savings deposits of nonmember institutions would not be subject to Federal Reserve reserve requirements.

5. Every institution that receives demand deposits or offers NOW accounts would be required to report its deposit liabilities and required reserves, if any, as the Board requested.

6. Nonmember institutions that would be required to maintain Federal Reserve reserve requirements would be able to obtain credit through the Federal Reserve discount window, subject to regulations issued by the Board.

7. A transition period of 4 years would apply to the total amount of demand deposits held by nonmember institutions at the time of enactment of the new law. During the first calendar year following the date of enactment, an institution would be required to carry 20 per cent of the required reserve on these base period demand deposits, 40 per cent during the second year, 60 per cent during the third year, 80 per cent during the fourth year, and 100 per cent after that. Additions to demand deposits beyond the base period amount would be subject to the full reserve requirement.

8. The new law would become effective at the beginning of the first calendar year following its enactment.

The essential function of Federal Reserve reserve requirements is to serve as a fulcrum for monetary policy. Such reserve requirements pro-

vide a known and controllable base through which the reserve-supplying and reserve-absorbing actions of the Federal Reserve can affect the supply of money and credit. The different reserve requirements set by the various States do not serve this purpose.

Federal Reserve reserve requirements, however, presently apply only to banks that are members of the Federal Reserve System—about 5,700 of 14,000 total commercial banks in the country.

The proportion of demand deposits held by member banks has been declining over the years, however, so that the Federal Reserve's control over bank reserves (and the money supply) has been eroding. In 1960 member banks held about 83 per cent of the demand deposits that make up the money supply. Presently, about 75 per cent of the demand deposit component of the money supply is held at member banks. Also, the demand deposit component of the money supply has grown more rapidly at nonmember banks than at member banks, and the rate of growth at nonmember banks has varied much more from year to year. Since 1960 the demand deposit component of the money supply held at nonmember banks has grown by about 164 per cent, while the growth at member banks has been about 61 per cent.

In a letter transmitting the draft legislation to Congress, Board Chairman Arthur F. Burns described the situation in this way:

Recent trends in nonmember demand deposits and in the development of NOW accounts surely presage a continued, and perhaps accelerated, growth of money-type deposits at nonmember financial institutions. No one can be certain at what exact point this growth will make control over monetary aggregates ineffective, but erosion of the reserve base progressively weakens the reliability of our present monetary instruments.

The proposed legislation extends reserve requirements set by the Federal Reserve only to accounts which are directly employed in making money payments—that is, to demand deposits and to savings accounts with third party payment features. The proposal does not recommend applying Federal reserve requirements to time and savings deposits other than NOW accounts. These deposits do in some degree serve a money-like function, but they are not highly active deposits. Also, under present conditions, there do not appear to be frequent, or large-scale, shifts of funds back and forth between demand and time (or savings) accounts. Shifts among demand deposits, NOW accounts, and other time deposits would become more prevalent in the future, however.

The proposed legislation is not intended to alter the existing chartering options for banking

institutions, to favor or disadvantage different types of institutions, or to change the balance among supervisory authorities. State-chartered institutions may continue either to join the Federal Reserve System or not, as they choose. Whether they do or do not—and it is anticipated that many would remain outside the System—they would become subject to reserve requirements set by the Federal Reserve on demand deposits and on NOW and similar savings accounts.

Thus, the specific proposals have been drawn in such a way as to achieve more precision in monetary control and more equity in competition without altering the diversified banking and financial structure that now serves the country.

### CHANGE IN SWAP ARRANGEMENTS

The Federal Reserve announced on February 1, 1974, that its reciprocal currency "swap" arrangement with the Bank of Italy had been increased by \$1 billion, bringing the total of that arrangement to \$3 billion. A swap arrangement is a renewable, short-term facility under which a central bank agrees to exchange on request its own currency for the currency of the other party up to a specified amount over a specified period of time.

In conjunction with this announcement, Federal Reserve Chairman Arthur F. Burns said that the Federal Reserve System will consider possible increases in its other swap lines, as needed.

|   |               |
|---|---------------|
| Australian National Bank .....          | \$ 250        |
| National Bank of Belgium .....          | 1,000         |
| Bank of Canada .....                    | 2,000         |
| National Bank of Denmark .....          | 250           |
| Bank of England .....                   | 2,000         |
| Bank of France .....                    | 2,000         |
| German Federal Bank .....               | 2,000         |
| Bank of Italy .....                     | 3,000         |
| Bank of Japan .....                     | 2,000         |
| Bank of Mexico .....                    | 180           |
| Netherlands Bank .....                  | 500           |
| Bank of Norway .....                    | 250           |
| Bank of Sweden .....                    | 300           |
| Swiss National Bank .....               | 1,400         |
| Bank for International Settlements      |               |
| Swiss francs/dollars .....              | 600           |
| Other European currencies/dollars ..... | 1,250         |
| <b>Total</b> .....                      | <b>18,980</b> |

The \$1 billion increase in the Federal Reserve arrangement with the Bank of Italy enlarges the System's swap network with 14 central banks and the Bank for International Settlements to \$18.98 billion. The Federal Reserve swap network was initiated in 1962. In all reciprocal currency arrangements the Federal Reserve Bank of New York acts on behalf of the Federal Reserve System

under the direction of the Federal Open Market Committee.

The Federal Reserve's reciprocal currency arrangements (in millions of dollars) are shown in the accompanying table.

### ISSUANCE OF SPECIAL ROUTING NUMBERS TO THRIFT INSTITUTIONS

The Board of Governors announced on February 14, 1974, that the Federal Reserve had begun authorizing issuance of special routing numbers to thrift institutions. The numbers enable these institutions to participate, where authorized by State or Federal law, in the System's check clearance and automated clearing-house facilities by routing entries through a Federal Reserve member bank.

The Federal Reserve Bank of Boston has authorized 103 such "pass-through" clearing numbers to mutual savings banks and savings and loan associations in Massachusetts and New Hampshire. In this case, the numbers are used to facilitate the clearing of negotiable orders of withdrawal (NOW's), which function as checks and are written by customers of the thrift institutions against their savings accounts.

The Congress last fall authorized customers of all depository institutions in the two States to write the check-like NOW's on interest-paying savings accounts. Previously, checks could be written only against non-interest-paying demand deposits. Authorization of NOW's created a new type of funds transfer instrument, calling for revision of established clearance practices. The numbers assigned appear as a part of the magnetic ink encoding on the lower left corner of such instruments.

The Board also said it was authorizing issuance of similar numbers to mutual savings banks and savings and loan associations, as it becomes necessary, to enable them to make effective use, through participating commercial banks, of facilities operated by the Federal Reserve in automated clearing-house arrangements.

Such automated clearing-house facilities are in use in California and Georgia in connection with electronic funds transfer systems being operated by groups of private banks. The pass-through numbers can be used to afford customers of non-bank depository institutions parallel treatment in the receipt of deposits transferred electronically through such automated clearing houses. Thrift institutions making use of such special routing numbers can enable their customers to receive, for example, payroll deposits made electronically through an automated clearing house, by routing

the deposit through member banks. Wherever statutory authority permits, and automated facilities exist, these numbers could also be used to accommodate payments arrangements in which customers of thrift institutions agree to allow their accounts to be debited electronically for contractual obligations, such as home insurance premium, rent, mortgage, and utility bill payments.

It should be pointed out that the assignment of these routing numbers does not convey any new services to thrift institutions, but rather facilitates more efficient automated provision of those services that thrift institutions and their customers are presently receiving.

The individual identification clearance numbers for thrift institutions are being established in the same manner as numbers identifying banks for check clearance have been established in the past. The thrift institution—as would a bank desiring a number for routing purposes—requests a number from the Rand-McNally Company, in Chicago, which assists in administering the numbering system used to sort and route checks. Rand-McNally informs the appropriate Federal Reserve Bank of the request and the number assigned, and the Reserve Bank authorizes the requesting institution to use the number. The number can then be used for routing purposes in Federal Reserve check processing computers and sorters, and in automated clearing-house computers.

#### AMENDMENT TO REGULATION H

The Board of Governors has announced a regulatory amendment effective March 2, 1974, prohibiting State-chartered member banks from lending on improved real estate or a mobile home in an identified flood hazard area unless the property is covered by appropriate flood insurance. The restriction applies also to such property in any community in a designated flood hazard area not participating in the national flood insurance program by July 1, 1975.

In both cases the lending restrictions being added to the Board's Regulation H—dealing with unsafe, unsound, or illegal banking practices—are required to implement the Flood Disaster Protec-

tion Act of 1973 (P.L. 93-234). The new legislation, signed into law by the President December 31, 1973, increases the limits of coverage. The Act requires Federal agencies regulating financial institutions to direct institutions subject to their rules:

... not to make, increase, extend, or renew (after March 2, 1974) any loan secured by improved real estate, or mobile home, located or to be located in an area identified by the Secretary (of Housing and Urban Development) as an area having special flood hazards, where Federal flood insurance is available, unless

... the property is covered for the term of the loan by flood insurance in an amount at least equal to the outstanding principal balance or to the maximum limit of coverage ... under the Act, whichever is less.

A similar prohibition affects lending on property in communities located in designated flood hazard areas unless, by July 1, 1975, such communities are participating in the national flood insurance program.

An exception applies to State-owned property covered under self-insurance satisfactory to the Secretary of HUD. The Secretary is required to publish lists of states falling within the exemption.

Other Federal regulatory agencies are publishing similar rules restricting lending under the new flood insurance legislation.

#### ADMISSION OF STATE BANKS TO MEMBERSHIP IN THE FEDERAL RESERVE SYSTEM

The following banks were admitted to membership in the Federal Reserve System during the period January 16, 1974, through February 15, 1974:

##### Florida

Kissimmee ..... Marine Bank of Kissimmee  
Sarasota ..... Palmer Bank of Gulf Gate

##### Mississippi

Poplarville ..... First Citizens Bank and  
Trust Company of Poplarville

##### Montana

Helena ..... First Security Bank of Helena

##### Virginia

Springfield ..... Northern Virginia Bank



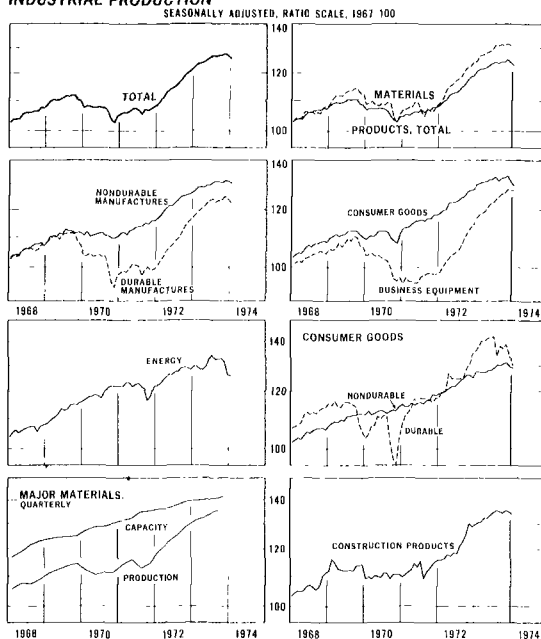
# Industrial Production

Released for publication February 15

Industrial production declined an estimated 0.8 per cent further in January and, at 125.7 per cent of the 1967 average, was 3 per cent above a year earlier. As in December, when the index declined 0.6 per cent, there was a sharp decline in auto assemblies and associated reductions in output of automotive supplying industries, as well as further cuts in electric and gas consumption by residential and commercial users. Other major sectors of the index registered little change or declined.

Auto assemblies were cut back 15 per cent further to a seasonally adjusted rate of 6.9 million units. Production schedules for February were set at a 7.0-million-unit rate. Production of household appliances apparently declined in January and output of nondurable consumer goods was also off. Output of business equipment was unchanged at near-record levels. Production of steel mill products was maintained at record levels in January. Production of consumer durable materials parts declined sharply in January, but output of nondurable goods materials changed little. Output of construction products was down further.

## INDUSTRIAL PRODUCTION



F.R. indexes, seasonally adjusted. Latest figures: January.

| Industrial production       | Seasonally adjusted<br>1967 = 100 |                   |                   | Per cent<br>changes from— |             | Per cent changes, annual rate |      |      |
|-----------------------------|-----------------------------------|-------------------|-------------------|---------------------------|-------------|-------------------------------|------|------|
|                             | 1973                              |                   | 1974              | Month<br>ago              | Year<br>ago | 1973                          |      |      |
|                             | Nov. <sup>a</sup>                 | Dec. <sup>b</sup> | Jan. <sup>c</sup> |                           |             | QII                           | QIII | QIV  |
| <b>Total</b> .....          | 127.5                             | 126.7             | 125.7             | -.8                       | 2.9         | 5.5                           | 6.1  | 1.3  |
| Products, total .....       | 125.2                             | 124.1             | 123.0             | -.9                       | 1.9         | 5.3                           | 3.9  | 1.3  |
| Final products .....        | 123.5                             | 122.2             | 121.1             | -.9                       | 2.1         | 5.0                           | 4.3  | 2.6  |
| Consumer goods .....        | 133.4                             | 130.9             | 129.2             | -1.3                      | - .5        | 3.7                           | 1.8  | .6   |
| Durable goods .....         | 139.0                             | 134.7             | 130.0             | -3.5                      | -4.4        | 9.3                           | -8.8 | 3.6  |
| Nondurable goods .....      | 131.2                             | 129.5             | 128.9             | -.5                       | 1.2         | 1.3                           | 6.6  | 2.2  |
| Business equipment .....    | 127.7                             | 127.3             | 127.2             | -.1                       | 8.8         | 10.9                          | 11.2 | 8.4  |
| Intermediate products ..... | 131.4                             | 130.5             | 129.4             | -.8                       | .8          | 4.6                           | 4.0  | -3.2 |
| Construction products ..... | 135.4                             | 134.9             | 134.0             | .7                        | 3.4         | 7.4                           | 6.9  | 0    |
| Materials .....             | 131.7                             | 131.0             | 130.3             | -.5                       | 4.7         | 7.0                           | 8.4  | .9   |

<sup>a</sup>Revised

<sup>b</sup>Preliminary

<sup>c</sup>Estimated

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# Financial and Business Statistics

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## Guide to Tabular Presentation

### SYMBOLS AND ABBREVIATIONS

|                   |  |        |   |
|-------------------|--|--------|---|
| e                 | Estimated  | N.S.A. | Monthly (or quarterly) figures not adjusted for seasonal variation  |
| c                 | Corrected  | IPC    | Individuals, partnerships, and corporations   |
| p                 | Preliminary  | SMSA   | Standard metropolitan statistical area  |
| r                 | Revised  | A      | Assets  |
| rp                | Revised preliminary  | L      | Liabilities   |
| I, II,<br>III, IV | Quarters   | S      | Sources of funds  |
| n.e.c.            | Not elsewhere classified                                       | U      | Uses of funds   |
| A.R.              | Annual rate  | *      | Amounts insignificant in terms of the particular unit (e.g., less than 500,000 when the unit is millions) |
| S.A.              | Monthly (or quarterly) figures adjusted for seasonal variation | ....   | (1) Zero, (2) no figure to be expected, or (3) figure delayed   |

### GENERAL INFORMATION

Minus signs are used to indicate (1) a decrease, (2) a negative figure, or (3) an outflow.

A heavy vertical rule is used in the following instances: (1) to the right (to the left) of a total when the components shown to the right (left) of it add to that total (totals separated by ordinary rules include more components than those shown), (2) to the right (to the left) of items that are not part of a balance sheet, (3) to the left of memorandum items.

"U.S. Govt. securities" may include guaranteed issues of U.S. Govt. agencies (the flow of funds figures

also include not fully guaranteed issues) as well as direct obligations of the Treasury. "State and local govt." also includes municipalities, special districts, and other political subdivisions.

In some of the tables details do not add to totals because of rounding.

The footnotes labeled NOTE (which always appear last) provide (1) the source or sources of data that do not originate in the System; (2) notice when figures are estimates; and (3) information on other characteristics of the data.

### TABLES PUBLISHED SEMIANNUALLY OR ANNUALLY, WITH LATEST BULLETIN REFERENCE

| <i>Quarterly</i>  | <i>Issue</i> | <i>Page</i>   | <i>Annually - Continued</i>                              | <i>Issue</i> | <i>Page</i>       |
|---|--------------|---------------|--|--------------|-------------------|
| Sales, revenue, profits, and dividends of large manufacturing corporations . . . . .                      | Dec 1973     | A-96          | Banks and branches, number, by class and State . . . . . | Apr. 1973    | A-96 - A-97       |
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| Banking offices, Analysis of changes in number On, and not on, Federal Reserve Par List, number . . . . . | Feb 1974     | A-98          | Flow of funds, Assets and liabilities, 1961-72 . . . . . | Sept. 1973   | A-71.14 - A-71.28 |
|   | Feb 1974     | A-99          | Flows, 1961-72 . . . . .                                 | Sept 1973    | A-70 A-71.13      |
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| Bank holding companies: List, Dec. 31, 1971 . . . . .   | June 1972    | A-98          | Income and expenses: Federal Reserve Banks . . . . .     | Feb 1974     | A-96 - A-97       |
| Banking offices and deposits of group banks, Dec. 31, 1972 . . . . .                                      | June 1973    | A-102 - A-104 | Insured commercial banks . . . . .                       | May 1973     | A-96 - A-97       |
| Banking and monetary statistics: 1972 . . . . .   | Mat. 1973    | A-100- A-114  | Member banks: Calendar year . . . . .                    | May 1973     | A-96 -A-105       |
|   | July 1973    | A-96- A-99    | Income ratios . . . . .                                  | May 1973     | A-106 -A-111      |
|   |              |               | Operating ratios . . . . .                               | June 1973    | A-96 A-101        |
|   |              |               | Stock market credit . . . . .                            | Jan 1974     | A-96 - A-97       |

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### LIST PUBLISHED SEMIANNUALLY, WITH LATEST BULLETIN REFERENCE

|   | <i>Issue</i> | <i>Page</i> |
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A 4 BANK RESERVES AND RELATED ITEMS □ FEBRUARY 1974

MEMBER BANK RESERVES, FEDERAL RESERVE BANK CREDIT, AND RELATED ITEMS

(In millions of dollars)

| Period or date                   | Factors supplying reserve funds    |                 |                                 |       |                    |                                |            |  |                               |                    |
|----------------------------------|------------------------------------|-----------------|---------------------------------|-------|--------------------|--------------------------------|------------|--|-------------------------------|--------------------|
|                                  | Reserve Bank credit outstanding    |                 |                                 |       |                    |                                | Gold stock | Special Drawing Rights certificate account | Treasury currency outstanding |                    |
|                                  | U.S. Govt. securities <sup>1</sup> |                 |                                 | Loans | Float <sup>2</sup> | Other F.R. assets <sup>3</sup> |            |  |                               | Total <sup>4</sup> |
|                                  | Total                              | Bought outright | Held under repurchase agreement |       |                    |                                |            |  |                               |                    |
| <b>Averages of daily figures</b> |                                    |                 |                                 |       |                    |                                |            |  |                               |                    |
| 1939—Dec.....                    | 2,510                              | 2,510           | .....                           | 8     | 83                 | .....                          | 2,612      | 17,518                                     | .....                         | 2,956              |
| 1941—Dec.....                    | 2,219                              | 2,219           | .....                           | 5     | 170                | .....                          | 2,404      | 22,759                                     | .....                         | 3,239              |
| 1945—Dec.....                    | 23,708                             | 23,708          | .....                           | 381   | 652                | .....                          | 24,744     | 20,047                                     | .....                         | 4,322              |
| 1950—Dec.....                    | 20,345                             | 20,336          | .....                           | 142   | 1,117              | .....                          | 21,606     | 22,879                                     | .....                         | 4,629              |
| 1960—Dec.....                    | 27,248                             | 27,170          | 78                              | 94    | 1,665              | .....                          | 29,060     | 17,954                                     | .....                         | 5,396              |
| 1968—Dec.....                    | 52,529                             | 52,454          | 75                              | 765   | 3,251              | .....                          | 56,610     | 10,367                                     | .....                         | 6,810              |
| 1969—Dec.....                    | 57,500                             | 57,295          | 205                             | 1,086 | 3,235              | 2,204                          | 64,100     | 10,367                                     | .....                         | 6,841              |
| 1970—Dec.....                    | 61,688                             | 61,310          | 378                             | 321   | 3,570              | 1,032                          | 66,708     | 11,105                                     | 400                           | 7,145              |
| 1971—Dec.....                    | 69,158                             | 68,868          | 290                             | 107   | 3,905              | 982                            | 74,255     | 10,132                                     | 400                           | 7,611              |
| 1972—Dec.....                    | 71,094                             | 70,790          | 304                             | 1,049 | 3,479              | 1,138                          | 76,851     | 10,410                                     | 400                           | 8,293              |
| 1973—Jan.....                    | 72,194                             | 71,711          | 483                             | 1,165 | 3,267              | 1,329                          | 78,063     | 10,410                                     | 400                           | 8,321              |
| Feb.....                         | 72,307                             | 72,082          | 225                             | 1,593 | 2,556              | 1,004                          | 77,600     | 10,410                                     | 400                           | 8,353              |
| Mar.....                         | 74,019                             | 73,624          | 395                             | 1,858 | 2,387              | 839                            | 79,219     | 10,410                                     | 400                           | 8,406              |
| Apr.....                         | 75,353                             | 74,914          | 439                             | 1,721 | 2,319              | 1,043                          | 80,542     | 10,410                                     | 400                           | 8,444              |
| May.....                         | 76,758                             | 76,205          | 553                             | 1,786 | 2,247              | 960                            | 81,889     | 10,410                                     | 400                           | 8,478              |
| June.....                        | 75,355                             | 75,047          | 308                             | 1,789 | 2,369              | 942                            | 80,546     | 10,410                                     | 400                           | 8,518              |
| July.....                        | 77,448                             | 76,875          | 573                             | 2,051 | 3,113              | 1,180                          | 83,880     | 10,410                                     | 400                           | 8,538              |
| Aug.....                         | 76,653                             | 76,475          | 178                             | 2,143 | 2,566              | 1,018                          | 82,445     | 10,410                                     | 400                           | 8,549              |
| Sept.....                        | 76,073                             | 75,712          | 361                             | 1,861 | 2,924              | 889                            | 81,809     | 10,410                                     | 400                           | 8,584              |
| Oct.....                         | 78,042                             | 77,500          | 542                             | 1,467 | 2,933              | 1,122                          | 83,643     | 10,933                                     | 400                           | 8,613              |
| Nov.....                         | 78,457                             | 77,937          | 520                             | 1,399 | 2,763              | 1,078                          | 83,755     | 11,567                                     | 400                           | 8,642              |
| Dec.....                         | 79,701                             | 78,833          | 868                             | 1,298 | 3,414              | 1,079                          | 85,642     | 11,567                                     | 400                           | 8,668              |
| 1974—Jan. <sup>p</sup> .....     | 80,793                             | 80,608          | 185                             | 1,045 | 3,271              | 1,258                          | 86,455     | 11,567                                     | 400                           | 8,705              |
| <b>Week ending—</b>              |                                    |                 |                                 |       |                    |                                |            |  |                               |                    |
| 1973—Nov. 7.....                 | 78,007                             | 78,007          | .....                           | 1,170 | 2,194              | 1,281                          | 82,701     | 11,567                                     | 400                           | 8,626              |
| 14.....                          | 77,154                             | 76,867          | 287                             | 1,521 | 2,642              | 1,378                          | 82,749     | 11,567                                     | 400                           | 8,629              |
| 21.....                          | 79,692                             | 78,365          | 1,327                           | 1,572 | 2,877              | 826                            | 85,044     | 11,567                                     | 400                           | 8,650              |
| 28.....                          | 78,886                             | 78,404          | 482                             | 1,287 | 3,339              | 871                            | 84,438     | 11,567                                     | 400                           | 8,659              |
| Dec. 5.....                      | 79,532                             | 78,232          | 1,300                           | 1,475 | 2,500              | 942                            | 84,569     | 11,567                                     | 400                           | 8,661              |
| 12.....                          | 78,727                             | 78,036          | 691                             | 1,303 | 2,580              | 963                            | 83,673     | 11,567                                     | 400                           | 8,666              |
| 19.....                          | 79,571                             | 78,752          | 819                             | 1,488 | 3,353              | 1,037                          | 85,577     | 11,567                                     | 400                           | 8,668              |
| 26.....                          | 80,087                             | 79,242          | 845                             | 1,039 | 4,684              | 1,229                          | 87,260     | 11,567                                     | 400                           | 8,672              |
| 1974—Jan. 2.....                 | 80,851                             | 80,238          | 613                             | 1,210 | 4,073              | 1,204                          | 87,499     | 11,567                                     | 400                           | 8,682              |
| 9.....                           | 80,880                             | 80,671          | 209                             | 776   | 4,399              | 1,232                          | 87,397     | 11,567                                     | 400                           | 8,683              |
| 16 <sup>p</sup> .....            | 80,762                             | 80,690          | 72                              | 989   | 3,601              | 1,211                          | 86,633     | 11,567                                     | 400                           | 8,691              |
| 23 <sup>p</sup> .....            | 80,309                             | 80,202          | 107                             | 1,182 | 3,180              | 1,271                          | 86,008     | 11,567                                     | 400                           | 8,723              |
| 30 <sup>p</sup> .....            | 81,088                             | 80,713          | 375                             | 1,221 | 2,152              | 1,329                          | 85,880     | 11,567                                     | 400                           | 8,726              |
| <b>End of month</b>              |                                    |                 |                                 |       |                    |                                |            |  |                               |                    |
| 1973—Nov.....                    | 79,107                             | 78,203          | 904                             | 1,915 | 2,124              | 916                            | 84,133     | 11,567                                     | 400                           | 8,684              |
| Dec.....                         | 80,495                             | 80,395          | 100                             | 1,258 | 3,099              | 1,152                          | 86,072     | 11,567                                     | 400                           | 8,716              |
| 1974—Jan. <sup>p</sup> .....     | 80,167                             | 80,167          | .....                           | 959   | 2,240              | 1,329                          | 84,763     | 11,567                                     | 400                           | 8,729              |
| <b>Wednesday</b>                 |                                    |                 |                                 |       |                    |                                |            |  |                               |                    |
| 1973—Nov. 7.....                 | 77,207                             | 77,207          | .....                           | 840   | 2,997              | 1,315                          | 82,406     | 11,567                                     | 400                           | 8,626              |
| 14.....                          | 79,417                             | 77,406          | 2,011                           | 3,992 | 3,146              | 1,375                          | 88,036     | 11,567                                     | 400                           | 8,630              |
| 21.....                          | 80,862                             | 78,441          | 2,421                           | 1,385 | 3,649              | 859                            | 86,873     | 11,567                                     | 400                           | 8,656              |
| 28.....                          | 79,466                             | 78,507          | 959                             | 1,486 | 3,750              | 923                            | 85,685     | 11,567                                     | 400                           | 8,661              |
| Dec. 5.....                      | 79,639                             | 78,203          | 1,436                           | 687   | 3,883              | 970                            | 85,357     | 11,567                                     | 400                           | 8,664              |
| 12.....                          | 78,206                             | 77,590          | 616                             | 1,581 | 3,097              | 1,056                          | 84,039     | 11,567                                     | 400                           | 8,668              |
| 19.....                          | 81,965                             | 79,223          | 2,742                           | 1,569 | 5,198              | 1,063                          | 90,033     | 11,567                                     | 400                           | 8,668              |
| 26 <sup>p</sup> .....            | 76,740                             | 76,740          | .....                           | 485   | 5,593              | 1,964                          | 84,843     | 11,567                                     | 400                           | 8,675              |
| 1974—Jan. 2 <sup>p</sup> .....   | 82,641                             | 80,667          | 1,974                           | 993   | 5,912              | 1,202                          | 91,018     | 11,567                                     | 400                           | 8,677              |
| 9 <sup>p</sup> .....             | 79,232                             | 79,232          | .....                           | 2,103 | 4,541              | 1,444                          | 87,385     | 11,567                                     | 400                           | 8,685              |
| 16 <sup>p</sup> .....            | 81,175                             | 80,671          | 504                             | 2,239 | 4,246              | 1,310                          | 88,078     | 11,567                                     | 400                           | 8,720              |
| 23 <sup>p</sup> .....            | 81,251                             | 80,501          | 750                             | 2,664 | 3,069              | 1,294                          | 88,353     | 11,567                                     | 400                           | 8,723              |
| 30 <sup>p</sup> .....            | 81,922                             | 80,742          | 1,180                           | 1,601 | 2,224              | 1,373                          | 87,270     | 11,567                                     | 400                           | 8,729              |

<sup>1</sup> Includes Federal agency issues held under repurchase agreements as of Dec. 1, 1966, and Federal agency issues bought outright as of Sept. 29, 1971.

<sup>2</sup> Beginning with 1960 reflects a minor change in concept; see Feb. 1961 BULLETIN, p. 164.

<sup>3</sup> Beginning Apr. 16, 1969, "Other F.R. assets" and "Other F.R. liabilities and capital" are shown separately; formerly, they were netted together and reported as "Other F.R. accounts."

<sup>4</sup> Includes industrial loans and acceptances until Aug. 21, 1959, when

industrial loan program was discontinued. For holdings of acceptances on Wed. and end-of-month dates, see tables on F.R. Banks on following pages. See also note 2.

<sup>5</sup> Includes certain deposits of domestic nonmember banks and foreign-owned banking institutions held with member banks and redeposited in full with Federal Reserve Banks in connection with voluntary participation by nonmember institutions in the Federal Reserve System's program of credit restraint.

Notes continued on opposite page.

MEMBER BANK RESERVES, FEDERAL RESERVE BANK CREDIT, AND RELATED ITEMS—Continued

(In millions of dollars)

| Factors absorbing reserve funds |                        |  |         |                       |                                  |   |                      |                                |                    | Period or date           |
|---------------------------------|------------------------|--|---------|-----------------------|----------------------------------|---|----------------------|--------------------------------|--------------------|--------------------------|
| Currency in circulation         | Treasury cash holdings | Deposits, other than member bank reserves, with F.R. Banks |         |                       | Other F.R. accounts <sup>3</sup> | Other F.R. liabilities and capital <sup>3</sup> | Member bank reserves |                                |                    |                          |
|                                 |                        | Treasury   | Foreign | Other <sup>2, 5</sup> |                                  |   | With F.R. Banks      | Currency and coin <sup>6</sup> | Total <sup>7</sup> |                          |
| Averages of daily figures       |                        |  |         |                       |                                  |   |                      |                                |                    |                          |
| 7,609                           | 2,402                  | 616  | 739     |                       | 248                              |   | 11,473               |                                | 11,473             | 1939—Dec.                |
| 10,985                          | 2,189                  | 592  | 1,531   |                       | 292                              |   | 12,812               |                                | 12,812             | 1941—Dec.                |
| 28,452                          | 2,269                  | 625  | 1,247   |                       | 493                              |   | 16,027               |                                | 16,027             | 1945—Dec.                |
| 27,806                          | 1,290                  | 615  | 920     | 353                   | 739                              |   | 17,391               |                                | 17,391             | 1950—Dec.                |
| 33,019                          | 408                    | 522  | 250     | 495                   | 1,029                            |   | 16,688               | 2,595                          | 19,283             | 1960—Dec.                |
| 50,609                          | 756                    | 360  | 225     | 458                   | -1,105                           |   | 22,484               | 4,737                          | 27,221             | 1968—Dec.                |
| 53,591                          | 656                    | 1,194  | 146     | 458                   |                                  | 2,192   | 23,071               | 4,960                          | 28,031             | 1969—Dec.                |
| 57,013                          | 427                    | 849  | 145     | 735                   |                                  | 2,265   | 23,925               | 5,340                          | 29,265             | 1970—Dec.                |
| 61,060                          | 453                    | 1,926  | 290     | 728                   |                                  | 2,287   | 25,653               | 5,676                          | 31,329             | 1971—Dec.                |
| 66,060                          | 350                    | 1,449  | 272     | 631                   |                                  | 2,362   | 24,830               | 6,095                          | 31,353             | 1972—Dec.                |
| 65,274                          | 364                    | 2,033  | 294     | 644                   |                                  | 2,365   | 26,220               | 6,463                          | 32,962             | 1973—Jan.                |
| 64,564                          | 382                    | 2,956  | 302     | 645                   |                                  | 2,482   | 25,432               | 6,03                           | 31,742             | Feb.                     |
| 65,072                          | 384                    | 3,598  | 338     | 666                   |                                  | 2,530   | 25,848               | 5,856                          | 31,973             | Mar.                     |
| 66,068                          | 414                    | 3,471  | 275     | 666                   |                                  | 2,622   | 26,281               | 5,824                          | 32,277             | Apr.                     |
| 66,726                          | 413                    | 4,121  | 330     | 652                   |                                  | 2,721   | 26,214               | 6,007                          | 32,393             | May                      |
| 67,609                          | 386                    | 2,408  | 266     | 698                   |                                  | 2,732   | 25,776               | 6,086                          | 32,028             | June                     |
| 68,382                          | 346                    | 3,375  | 341     | 782                   |                                  | 2,846   | 27,156               | 6,274                          | 33,542             | July                     |
| 68,394                          | 344                    | 1,674  | 300     | 838                   |                                  | 2,877   | 27,377               | 6,296                          | 33,785             | Aug.                     |
| 68,592                          | 349                    | 792  | 332     | 781                   |                                  | 2,848   | 27,509               | 6,402                          | 34,019             | Sept.                    |
| 68,909                          | 622                    | 1,718  | 266     | 5 752                 |                                  | 2,866   | 28,457               | 6,371                          | 34,912             | Oct.                     |
| 69,927                          | 340                    | 1,772  | 522     | 5 689                 |                                  | 2,854   | 28,260               | 6,383                          | 34,727             | Nov.                     |
| 71,646                          | 323                    | 1,892  | 406     | 5 717                 |                                  | 2,942   | 28,352               | 6,635                          | 35,068             | Dec.                     |
| 70,962                          | 349                    | 2,488  | 427     | 5 713                 |                                  | 2,904   | 29,283               | 7,193                          | 36,543             | 1974—Jan. <sup>p</sup>   |
| Week ending—                    |                        |  |         |                       |                                  |   |                      |                                |                    |                          |
| 69,061                          | 364                    | 2,087  | 332     | 5 662                 |                                  | 2,726   | 28,062               | 6,479                          | 34,625             | 1973—Nov. 7              |
| 69,834                          | 338                    | 1,120  | 580     | 5 696                 |                                  | 2,738   | 28,040               | 6,747                          | 34,871             | 14                       |
| 70,181                          | 333                    | 1,946  | 557     | 5 722                 |                                  | 2,913   | 29,009               | 5,997                          | 35,090             | 21                       |
| 70,502                          | 329                    | 1,853  | 651     | 5 684                 |                                  | 2,986   | 28,058               | 6,286                          | 34,428             | 28                       |
| 70,493                          | 334                    | 1,884  | 440     | 5 670                 |                                  | 2,958   | 28,418               | 6,400                          | 34,902             | Dec. 5                   |
| 71,229                          | 315                    | 1,597  | 297     | 5 651                 |                                  | 2,769   | 27,448               | 6,912                          | 34,444             | 12                       |
| 71,682                          | 307                    | 1,654  | 397     | 5 674                 |                                  | 2,923   | 28,574               | 6,545                          | 35,203             | 19                       |
| 72,233                          | 328                    | 2,228  | 531     | 5 694                 |                                  | 3,047   | 28,838               | 6,508                          | 35,430             | 26                       |
| 72,470                          | 331                    | 2,254  | 331     | 5 978                 |                                  | 2,977   | 28,808               | 6,781                          | 35,656             | 1974—Jan. 2              |
| 71,855                          | 329                    | 2,344  | 544     | 5 699                 |                                  | 2,776   | 29,499               | 6,730                          | 36,296             | 9                        |
| 71,214                          | 350                    | 2,170  | 318     | 5 706                 |                                  | 2,850   | 29,682               | 7,893                          | 37,642             | 16 <sup>p</sup>          |
| 70,581                          | 363                    | 2,351  | 398     | 5 709                 |                                  | 2,959   | 29,336               | 7,178                          | 36,581             | 23 <sup>p</sup>          |
| 69,931                          | 359                    | 3,099  | 494     | 5 646                 |                                  | 3,059   | 28,985               | 7,099                          | 36,151             | 30 <sup>p</sup>          |
| End of month                    |                        |  |         |                       |                                  |   |                      |                                |                    |                          |
| 70,296                          | 317                    | 1,945  | 420     | 5 672                 |                                  | 3,025   | 28,108               | 6,400                          | 34,592             | 1973—Nov.                |
| 72,497                          | 317                    | 2,542  | 251     | 5 1,419               |                                  | 2,669   | 27,060               | 6,781                          | 33,908             | Dec.                     |
| 69,680                          | 352                    | 2,844  | 392     | 5 657                 |                                  | 3,101   | 28,253               | 6,987                          | 35,307             | 1974—Jan. <sup>p</sup>   |
| Wednesday                       |                        |  |         |                       |                                  |   |                      |                                |                    |                          |
| 69,626                          | 353                    | 1,557  | 413     | 5 654                 |                                  | 2,679   | 27,717               | 6,479                          | 34,280             | 1973—Nov. 7              |
| 70,156                          | 343                    | 1,530  | 552     | 5 697                 |                                  | 2,808   | 32,547               | 6,745                          | 39,376             | 14                       |
| 70,522                          | 333                    | 1,404  | 759     | 5 662                 |                                  | 2,988   | 30,828               | 5,997                          | 36,909             | 21                       |
| 70,655                          | 333                    | 2,001  | 516     | 5 645                 |                                  | 3,029   | 29,133               | 6,286                          | 35,503             | 28                       |
| 70,977                          | 333                    | 1,705  | 369     | 5 716                 |                                  | 2,720   | 29,169               | 6,400                          | 35,653             | Dec. 5                   |
| 71,711                          | 335                    | 1,524  | 297     | 5 632                 |                                  | 2,801   | 27,374               | 6,912                          | 34,370             | 12                       |
| 72,123                          | 303                    | 2,092  | 283     | 5 670                 |                                  | 2,986   | 32,212               | 6,545                          | 38,841             | 19                       |
| 72,743                          | 321                    | 2,716  | 729     | 5 593                 |                                  | 3,021   | 25,361               | 6,508                          | 31,953             | 26 <sup>p</sup>          |
| 72,457                          | 330                    | 1,985  | 309     | 5 713                 |                                  | 2,758   | 33,111               | 6,781                          | 39,959             | 1974—Jan. 2 <sup>p</sup> |
| 71,679                          | 356                    | 2,880  | 543     | 5 705                 |                                  | 2,777   | 29,096               | 6,730                          | 35,893             | 9 <sup>p</sup>           |
| 71,086                          | 370                    | 1,851  | 239     | 5 650                 |                                  | 2,948   | 31,621               | 7,893                          | 39,581             | 16 <sup>p</sup>          |
| 70,380                          | 368                    | 2,898  | 713     | 5 693                 |                                  | 3,001   | 30,990               | 7,178                          | 38,235             | 23 <sup>p</sup>          |
| 69,977                          | 370                    | 3,013  | 485     | 5 668                 |                                  | 3,103   | 30,350               | 7,099                          | 37,516             | 30 <sup>p</sup>          |

<sup>6</sup> Part allowed as reserves Dec. 1, 1959—Nov. 23, 1960; all allowed thereafter. Beginning with Jan. 1963, figures are estimated except for weekly averages. Beginning Sept. 12, 1968, amount is based on close-of-business figures for reserve period 2 weeks previous to report date.  
<sup>7</sup> Beginning with week ending Nov. 15, 1972, includes \$450 million of reserve deficiencies on which F.R. Banks are allowed to waive penalties for a transition period in connection with bank adaptation to Regulation J as amended effective Nov. 9, 1972. Beginning 1973, allowable deficiencies

included are (beginning with first statement week of quarter): Q1, \$279 million; Q2, \$172 million; Q3, \$112 million; Q4, \$84 million.  
<sup>8</sup> Includes securities loaned—fully secured by U.S. Govt. securities pledged with F.R. Banks.  
<sup>9</sup> Includes securities loaned—fully secured by U.S. Govt. securities pledged with F.R. Banks. Also reflects securities sold, and scheduled to be bought back, under matched sale/purchase transactions.

For other notes see opposite page.



**BASIC RESERVE POSITION, AND FEDERAL FUNDS AND RELATED TRANSACTIONS**

(In millions of dollars, except as noted)

| Reporting banks and week ending— | Basic reserve position       |                          |                                     |                    | Interbank Federal funds transactions |                    |       |   |                               | Related transactions with U.S. Govt. securities dealers |                               |                                      |           |
|----------------------------------|------------------------------|--------------------------|-------------------------------------|--------------------|--------------------------------------|--------------------|-------|---|-------------------------------|---|-------------------------------|--------------------------------------|-----------|
|                                  | Excess reserves <sup>1</sup> | Less—                    |                                     | Net—               |                                      | Gross transactions |       | Total two-way transactions <sup>2</sup> | Net transactions              |   | Loans to dealers <sup>3</sup> | Borrowings from dealers <sup>4</sup> | Net loans |
|                                  |                              | Borrowings at F.R. Banks | Net inter-bank Federal funds trans. | Surplus or deficit | Per cent of avg. required reserves   | Purchases          | Sales |   | Purchases of net buying banks | Sales of net selling banks                              |                               |                                      |           |
| <i>Total—46 banks</i>            |                              |                          |                                     |                    |                                      |                    |       |   |                               |   |                               |                                      |           |
| Dec. 5.....                      | 178                          | 322                      | 12,076                              | -12,219            | 80.5                                 | 18,089             | 6,013 | 5,041                                   | 13,048                        | 972   | 1,801                         | 669                                  | 1,132     |
| 12.....                          | 9                            | 531                      | 14,409                              | -14,732            | 98.0                                 | 20,065             | 5,655 | 4,936                                   | 15,129                        | 720   | 2,067                         | 523                                  | 1,545     |
| 19.....                          | 40                           | 768                      | 14,949                              | -15,677            | 100.5                                | 20,537             | 5,588 | 5,028                                   | 15,509                        | 561   | 2,322                         | 503                                  | 1,819     |
| 26.....                          | 333                          | 180                      | 14,190                              | -14,037            | 90.8                                 | 19,890             | 5,700 | 4,987                                   | 14,903                        | 713   | 2,660                         | 446                                  | 2,214     |
| Jan. 2.....                      | 183                          | 605                      | 13,536                              | -13,536            | 89.1                                 | 20,164             | 6,629 | 5,743                                   | 14,421                        | 886   | 2,732                         | 563                                  | 2,169     |
| 9.....                           | 21                           | 357                      | 15,414                              | -15,750            | 96.1                                 | 21,147             | 5,733 | 4,787                                   | 16,360                        | 946   | 2,460                         | 420                                  | 2,040     |
| 16.....                          | 30                           | 321                      | 17,150                              | -17,441            | 102.1                                | 22,323             | 5,173 | 4,430                                   | 17,894                        | 744   | 2,329                         | 465                                  | 1,864     |
| 23.....                          | -99                          | 420                      | 18,338                              | -18,857            | 102.3                                | 21,005             | 4,667 | 4,141                                   | 16,864                        | 526   | 2,309                         | 502                                  | 1,807     |
| 30.....                          | 18                           | 415                      | 13,483                              | -13,880            | 87.7                                 | 19,504             | 6,021 | 4,773                                   | 14,732                        | 1,249   | 1,919                         | 542                                  | 1,377     |
| <i>8 in New York City</i>        |                              |                          |                                     |                    |                                      |                    |       |   |                               |   |                               |                                      |           |
| Dec. 5.....                      | 149                          | .....                    | 3,774                               | -3,625             | 58.7                                 | 4,686              | 912   | 912                                     | 3,774                         | .....   | 1,198                         | 351                                  | 847       |
| 12.....                          | -19                          | 102                      | 4,759                               | -4,881             | 79.8                                 | 5,589              | 830   | 830                                     | 4,759                         | .....   | 1,429                         | 334                                  | 1,096     |
| 19.....                          | 86                           | 163                      | 4,940                               | -5,017             | 78.7                                 | 5,788              | 848   | 848                                     | 4,940                         | .....   | 1,674                         | 329                                  | 1,345     |
| 26.....                          | 188                          | .....                    | 4,944                               | -4,757             | 76.1                                 | 5,843              | 899   | 899                                     | 4,944                         | .....   | 1,669                         | 273                                  | 1,394     |
| Jan. 2.....                      | 126                          | 127                      | 4,417                               | -4,418             | 69.2                                 | 5,560              | 1,144 | 1,144                                   | 4,416                         | .....   | 1,803                         | 343                                  | 1,460     |
| 9.....                           | 40                           | 230                      | 4,945                               | -5,135             | 76.7                                 | 5,823              | 878   | 878                                     | 4,945                         | .....   | 1,642                         | 222                                  | 1,420     |
| 16.....                          | 23                           | .....                    | 6,212                               | -6,189             | 88.8                                 | 6,955              | 744   | 744                                     | 6,212                         | .....   | 1,663                         | 302                                  | 1,361     |
| 23.....                          | -70                          | 176                      | 4,624                               | -4,870             | 72.7                                 | 5,732              | 748   | 748                                     | 4,625                         | .....   | 1,555                         | 308                                  | 1,247     |
| 30.....                          | 29                           | 15                       | 3,243                               | -3,229             | 50.9                                 | 4,582              | 1,339 | 1,204                                   | 3,378                         | 135   | 1,263                         | 286                                  | 976       |
| <i>38 outside New York City</i>  |                              |                          |                                     |                    |                                      |                    |       |   |                               |   |                               |                                      |           |
| Dec. 5.....                      | 29                           | 322                      | 8,302                               | -8,594             | 95.4                                 | 13,403             | 5,101 | 4,129                                   | 9,274                         | 972   | 603                           | 318                                  | 285       |
| 12.....                          | 28                           | 429                      | 9,650                               | -10,051            | 110.1                                | 14,476             | 4,825 | 4,106                                   | 10,370                        | 720   | 638                           | 189                                  | 449       |
| 19.....                          | -46                          | 606                      | 10,009                              | -10,661            | 115.4                                | 14,749             | 4,740 | 4,180                                   | 10,570                        | 561   | 649                           | 174                                  | 475       |
| 26.....                          | 145                          | 180                      | 9,246                               | -9,281             | 100.7                                | 14,047             | 4,801 | 4,088                                   | 9,959                         | 713   | 991                           | 172                                  | 819       |
| Jan. 2.....                      | 57                           | 478                      | 9,119                               | -9,541             | 102.8                                | 14,604             | 5,485 | 4,599                                   | 10,005                        | 886   | 929                           | 220                                  | 709       |
| 9.....                           | -19                          | 127                      | 10,469                              | -10,615            | 109.6                                | 15,324             | 4,855 | 3,909                                   | 11,415                        | 946   | 819                           | 198                                  | 621       |
| 16.....                          | 8                            | 321                      | 10,939                              | -11,252            | 111.2                                | 15,368             | 4,430 | 3,686                                   | 11,682                        | 744   | 667                           | 163                                  | 503       |
| 23.....                          | -30                          | 244                      | 11,713                              | -11,987            | 122.6                                | 15,633             | 3,919 | 3,393                                   | 12,239                        | 526   | 754                           | 194                                  | 560       |
| 30.....                          | -11                          | 400                      | 10,240                              | -10,651            | 112.3                                | 14,922             | 4,682 | 3,569                                   | 11,354                        | 1,114   | 657                           | 256                                  | 401       |
| <i>5 in City of Chicago</i>      |                              |                          |                                     |                    |                                      |                    |       |   |                               |   |                               |                                      |           |
| Dec. 5.....                      | 14                           | .....                    | 3,455                               | -3,442             | 232.7                                | 4,386              | 931   | 859                                     | 3,527                         | 72  | 356                           | .....                                | 356       |
| 12.....                          | -7                           | 11                       | 3,838                               | -3,856             | 247.3                                | 4,570              | 732   | 732                                     | 3,838                         | .....   | 405                           | .....                                | 405       |
| 19.....                          | -23                          | .....                    | 4,085                               | -4,108             | 251.3                                | 4,766              | 681   | 681                                     | 4,088                         | .....   | 366                           | .....                                | 366       |
| 26.....                          | 57                           | .....                    | 3,208                               | -3,151             | 206.1                                | 4,007              | 799   | 727                                     | 3,281                         | 72  | 364                           | .....                                | 364       |
| Jan. 2.....                      | 41                           | 141                      | 3,072                               | -3,172             | 202.3                                | 3,870              | 797   | 797                                     | 3,073                         | .....   | 435                           | .....                                | 436       |
| 9.....                           | -16                          | 44                       | 3,686                               | -3,745             | 216.4                                | 4,607              | 922   | 922                                     | 3,685                         | .....   | 396                           | .....                                | 396       |
| 16.....                          | 8                            | .....                    | 3,984                               | -3,976             | 211.3                                | 4,827              | 843   | 828                                     | 3,999                         | 15  | 364                           | .....                                | 364       |
| 23.....                          | 15                           | .....                    | 4,513                               | -4,498             | 258.6                                | 5,185              | 672   | 672                                     | 4,513                         | .....   | 382                           | .....                                | 382       |
| 30.....                          | -14                          | .....                    | 4,101                               | -4,116             | 251.7                                | 4,830              | 729   | 693                                     | 4,138                         | 36  | 343                           | .....                                | 343       |
| <i>33 others</i>                 |                              |                          |                                     |                    |                                      |                    |       |   |                               |   |                               |                                      |           |
| Dec. 5.....                      | 16                           | 322                      | 4,847                               | -5,153             | 68.4                                 | 9,018              | 4,171 | 3,270                                   | 5,747                         | 901   | 247                           | 318                                  | -71       |
| 12.....                          | 35                           | 418                      | 5,812                               | -6,196             | 81.8                                 | 9,906              | 4,094 | 3,374                                   | 6,532                         | 720   | 233                           | 189                                  | 44        |
| 19.....                          | -23                          | 606                      | 5,924                               | -6,553             | 86.2                                 | 9,983              | 4,059 | 3,498                                   | 6,485                         | 561   | 283                           | 174                                  | 109       |
| 26.....                          | 89                           | 180                      | 6,038                               | -6,130             | 79.7                                 | 10,040             | 4,002 | 3,361                                   | 6,679                         | 641   | 627                           | 172                                  | 455       |
| Jan. 2.....                      | 16                           | 338                      | 6,047                               | -6,369             | 82.6                                 | 10,735             | 4,688 | 3,802                                   | 6,932                         | 886   | 493                           | 220                                  | 273       |
| 9.....                           | -3                           | 84                       | 6,783                               | -6,870             | 86.4                                 | 10,717             | 3,933 | 2,987                                   | 7,729                         | 946   | 423                           | 198                                  | 224       |
| 16.....                          | .....                        | 321                      | 6,955                               | -7,276             | 88.3                                 | 10,541             | 3,586 | 2,858                                   | 7,683                         | 728   | 302                           | 163                                  | 139       |
| 23.....                          | -44                          | 244                      | 7,201                               | -7,489             | 93.2                                 | 10,448             | 3,247 | 2,721                                   | 7,727                         | 526   | 372                           | 194                                  | 178       |
| 30.....                          | -3                           | 400                      | 6,139                               | -6,535             | 83.3                                 | 10,092             | 3,954 | 2,876                                   | 7,216                         | 1,078   | 314                           | 256                                  | 58        |

<sup>1</sup> Based upon reserve balances, including all adjustments applicable to the reporting period. Prior to Sept. 25, 1968, carryover reserve deficiencies, if any, were deducted. Excess reserves for later periods are net of all carry-over reserves.

<sup>2</sup> Derived from averages for individual banks for entire week. Figure for each bank indicates extent to which the bank's weekly average purchases and sales are offsetting.

<sup>3</sup> Federal funds loaned, net funds supplied to each dealer by clearing

banks, repurchase agreements (purchases of securities from dealers subject to resale), or other lending arrangements.

<sup>4</sup> Federal funds borrowed, net funds acquired from each dealer by clearing banks, reverse repurchase agreements (sales of securities to dealers subject to repurchase), resale agreements, and borrowings secured by Govt. or other issues.

NOTE.—Weekly averages of daily figures. For description of series and back data, see Aug. 1964 BULLETIN, pp. 944-74.



**CURRENT RATES**

(Per cent per annum)

| Federal Reserve Bank | Loans to member banks—              |                |               |                               |                |               | Loans to all others under last par. Sec. 13 <sup>3</sup> |                |               |
|----------------------|-------------------------------------|----------------|---------------|-------------------------------|----------------|---------------|--|----------------|---------------|
|                      | Under Secs. 13 and 13a <sup>1</sup> |                |               | Under Sec. 10(b) <sup>2</sup> |                |               | Rate on Jan. 31, 1974                                    | Effective date | Previous rate |
|                      | Rate on Jan. 31, 1974               | Effective date | Previous rate | Rate on Jan. 31, 1974         | Effective date | Previous rate |  |                |               |
| Boston.....          | 7½                                  | Aug. 23, 1973  | 7             | 8                             | Aug. 23, 1973  | 7½            | 49½  | Aug. 23, 1973  | 9             |
| New York.....        | 7½                                  | Aug. 14, 1973  | 7             | 8                             | Aug. 14, 1973  | 7½            | 9½   | Aug. 14, 1973  | 9             |
| Philadelphia.....    | 7½                                  | Aug. 14, 1973  | 7             | 8                             | Aug. 14, 1973  | 7½            | 9½   | Aug. 14, 1973  | 9             |
| Cleveland.....       | 7½                                  | Aug. 14, 1973  | 7             | 8                             | Aug. 14, 1973  | 7½            | 9½   | Aug. 14, 1973  | 9             |
| Richmond.....        | 7½                                  | Aug. 14, 1973  | 7             | 8                             | Aug. 14, 1973  | 7½            | 49½  | Aug. 14, 1973  | 9             |
| Atlanta.....         | 7½                                  | Aug. 16, 1973  | 7             | 8                             | Aug. 16, 1973  | 7½            | 49½  | Aug. 16, 1973  | 9             |
| Chicago.....         | 7½                                  | Aug. 14, 1973  | 7             | 8                             | Aug. 14, 1973  | 7½            | 49½  | Aug. 14, 1973  | 9             |
| St. Louis.....       | 7½                                  | Aug. 14, 1973  | 7             | 8                             | Aug. 14, 1973  | 7½            | 49½  | Aug. 14, 1973  | 9             |
| Minneapolis.....     | 7½                                  | Aug. 14, 1973  | 7             | 8                             | Aug. 14, 1973  | 7½            | 49½  | Aug. 14, 1973  | 9             |
| Kansas City.....     | 7½                                  | Aug. 14, 1973  | 7             | 8                             | Aug. 14, 1973  | 7½            | 49½  | Aug. 14, 1973  | 9             |
| Dallas.....          | 7½                                  | Aug. 14, 1973  | 7             | 8                             | Aug. 14, 1973  | 7½            | 49½  | Aug. 14, 1973  | 9             |
| San Francisco.....   | 7½                                  | Aug. 14, 1973  | 7             | 8                             | Aug. 14, 1973  | 7½            | 9½   | Aug. 14, 1973  | 9             |

<sup>1</sup> Discounts of eligible paper and advances secured by such paper or by U.S. Govt. obligations or any other obligations eligible for F.R. Bank purchase. Maximum maturity: 90 days except that discounts of certain bankers' acceptances and of agricultural paper may have maturities not over 6 months and 9 months, respectively.

<sup>2</sup> Advances secured to the satisfaction of the F.R. Bank. Maximum maturity: 4 months.

<sup>3</sup> Advances to individuals, partnerships, or corporations other than member banks secured by direct obligations of, or obligations fully

guaranteed as to principal and interest by, the U.S. Govt. or any agency thereof. Maximum maturity: 90 days.

<sup>4</sup> Also effective on the same dates as the other rates shown above for the eight Reserve Banks so designated, a rate of 7½ per cent was approved on advances to nonmember banks, to be applicable in special circumstances resulting from implementation of changes in Regulation J, which became effective on Nov. 9, 1972. See "Announcements" on p. 942 of the Oct. 1972 BULLETIN and p. 994 of the Nov. 1972 BULLETIN.

**SUMMARY OF EARLIER CHANGES**

(Per cent per annum)

| Effective date               | Range (or level) of All F.R. Banks | F.R. Bank of N.Y. | Effective date    | Range (or level) of All F.R. Banks | F.R. Bank of N.Y. | Effective date               | Range (or level) of All F.R. Banks | F.R. Bank of N.Y. |
|------------------------------|------------------------------------|-------------------|-------------------|------------------------------------|-------------------|------------------------------|------------------------------------|-------------------|
| In effect Dec. 31, 1954,.... | 1½                                 | 1½                | 1959—Mar. 6.....  | 2½-3                               | 3                 | 1970—Nov. 11.....            | 5¾-6                               | 6                 |
| 1955—Apr. 14.....            | 1½-1¾                              | 1½                | 16.....           | 3                                  | 13.....           | 5¾-6                         | 5¾                                 |                   |
| 15.....                      | 1½-1¾                              | 1¾                | May 29.....       | 3-3½                               | 3½                | 16.....                      | 5¾                                 | 5¾                |
| May 2.....                   | 1¾                                 | 1¾                | June 12.....      | 3½                                 | 3½                | Dec. 1.....                  | 5½-5¾                              | 5¾                |
| Aug. 4.....                  | 1¾-2¼                              | 1¾                | Sept. 11.....     | 3½-4                               | 4                 | 4.....                       | 5½-5¾                              | 5½                |
| 5.....                       | 1¾-2¼                              | 2                 | 18.....           | 4                                  | 4                 | 11.....                      | 5½                                 | 5½                |
| 12.....                      | 2-2¼                               | 2                 | 1960—June 3.....  | 3½-4                               | 4                 | 1971—Jan. 8.....             | 5¼-5½                              | 5¼                |
| Sept. 9.....                 | 2-2¼                               | 2¼                | 10.....           | 3½-4                               | 3½                | 15.....                      | 5¼                                 | 5¼                |
| 13.....                      | 2¼                                 | 2¼                | 14.....           | 3½                                 | 3½                | 19.....                      | 5-5¼                               | 5¼                |
| Nov. 18.....                 | 2¼-2½                              | 2½                | Aug. 12.....      | 3-3½                               | 3                 | 22.....                      | 5-5¼                               | 5                 |
| 23.....                      | 2½                                 | 2½                | Sept. 9.....      | 3                                  | 3                 | 29.....                      | 5                                  | 5                 |
| 1956—Apr. 13.....            | 2½-3                               | 2¾                | 1963—July 17..... | 3-3½                               | 3½                | Feb. 13.....                 | 4¾-5                               | 5                 |
| 20.....                      | 2¾-3                               | 2¾                | 26.....           | 3½                                 | 3½                | 19.....                      | 4¾                                 | 4¾                |
| Aug. 24.....                 | 2¾-3                               | 3                 | 1964—Nov. 24..... | 3½-4                               | 4                 | July 16.....                 | 4¾-5                               | 5                 |
| 31.....                      | 3                                  | 3                 | 30.....           | 4                                  | 4                 | 23.....                      | 5                                  | 5                 |
| 1957—Aug. 9.....             | 3-3½                               | 3                 | 1965—Dec. 6.....  | 4-4½                               | 4½                | Nov. 11.....                 | 4¾-5                               | 5                 |
| 23.....                      | 3½                                 | 3½                | 13.....           | 4½                                 | 4½                | 19.....                      | 4¾                                 | 4¾                |
| Nov. 15.....                 | 3-3½                               | 3                 | 1967—Apr. 7.....  | 4-4½                               | 4                 | Dec. 13.....                 | 4½-4¾                              | 4¾                |
| Dec. 2.....                  | 3                                  | 3                 | 14.....           | 4                                  | 4                 | 17.....                      | 4½-4¾                              | 4½                |
| 1958—Jan. 22.....            | 2¾-3                               | 3                 | Nov. 20.....      | 4-4½                               | 4½                | 24.....                      | 4½                                 | 4½                |
| 24.....                      | 2¾-3                               | 2¾                | 27.....           | 4½                                 | 4½                | 1973—Jan. 15.....            | 5                                  | 5                 |
| Mar. 7.....                  | 2¼-3                               | 2¼                | 1968—Mar. 15..... | 4½-5                               | 4½                | Feb. 26.....                 | 5-5½                               | 5½                |
| 13.....                      | 2¼-2¾                              | 2¼                | 22.....           | 5                                  | 5                 | Mar. 2.....                  | 5½                                 | 5½                |
| 21.....                      | 2¼                                 | 2¼                | Apr. 19.....      | 5-5½                               | 5½                | Apr. 23.....                 | 5½-5¾                              | 5½                |
| Apr. 18.....                 | 1¾-2¼                              | 1¾                | 26.....           | 5½                                 | 5½                | May 4.....                   | 5¾                                 | 5¾                |
| May 9.....                   | 1¾                                 | 1¾                | Aug. 16.....      | 5¼-5½                              | 5½                | 11.....                      | 5¾-6                               | 6                 |
| Aug. 15.....                 | 1¾-2                               | 1¾                | 30.....           | 5¼                                 | 5¼                | 18.....                      | 6                                  | 6                 |
| Sept. 12.....                | 1¾-2                               | 2                 | Dec. 18.....      | 5¼-5½                              | 5½                | June 11.....                 | 6-6½                               | 6½                |
| 23.....                      | 2                                  | 2                 | 20.....           | 5½                                 | 5½                | 15.....                      | 7                                  | 7                 |
| Oct. 24.....                 | 2-2½                               | 2                 | 1969—Apr. 4.....  | 5½-6                               | 6                 | July 2.....                  | 7                                  | 7                 |
| Nov. 7.....                  | 2½                                 | 2½                | 8.....            | 6                                  | 6                 | Aug. 14.....                 | 7½                                 | 7½                |
|                              |                                    |                   |                   |                                    |                   | In effect Jan. 31, 1974,.... | 7½                                 | 7½                |

NOTE.—Rates under Secs. 13 and 13a (as described in table and notes above). For data before 1955, see *Banking and Monetary Statistics, 1943*, pp. 439-42, and Supplement to Section 12, p. 31.

**RESERVE REQUIREMENTS ON DEPOSITS OF MEMBER BANKS**

(Deposit intervals are in millions of dollars. Requirements are in per cent of deposits.)

| Effective date <sup>1</sup>    | Net demand <sup>2</sup> |        |       |        | Time <sup>3</sup><br>(all classes of banks) |            |        | Effective date                               | Net demand <sup>2,4</sup> |      |        |             |                       | Time <sup>3</sup> |            |                     |
|--------------------------------|-------------------------|--------|-------|--------|---|------------|--------|--|---------------------------|------|--------|-------------|-----------------------|-------------------|------------|---------------------|
|                                | Reserve city            |        | Other |        | Savings                                     | Other time |        |  | 0-2                       | 2-10 | 10-100 | 100-400     | Over 400 <sup>5</sup> | Savings           | Other time |                     |
|                                | 0-5                     | Over 5 | 0-5   | Over 5 |   | 0-5        | Over 5 |  |                           |      |        |             |                       |                   | 0-5        | Over 5 <sup>6</sup> |
| In effect<br>Jan. 1, 1963..... | 16½                     |        | 12    |        | 4   |            |        | 1972—Nov. 9.....                             | 8                         | 10   | 12     | 7 16½<br>13 | 17½                   | 8 3               | 8 3        | 8 5                 |
| 1966—July 14, 21.....          |                         |        |       |        | 4   | 4          | 5      | Nov. 16.....                                 |                           |      |        |             |                       |                   |            |                     |
| Sept. 8, 15.....               |                         |        |       |        |   |            | 6      | 1973—July 19.....                            |                           | 10½  | 12½    | 13½         | 18                    |                   |            |                     |
| 1967—Mar. 2.....               |                         |        |       |        | 3½  | 3½         |        | In effect<br>Jan. 31, 1974                   | 8                         | 10½  | 12½    | 13½         | 18                    | 3                 | 3          | 5                   |
| Mar. 16.....                   |                         |        |       |        | 3   | 3          |        |  |                           |      |        |             |                       |                   |            |                     |
| 1968—Jan. 11, 18.....          | 16½                     | 17     | 12    | 12½    |   |            |        |  |                           |      |        |             |                       |                   |            |                     |
| 1969—Apr. 17.....              | 17                      | 17½    | 12½   | 13     |   |            |        |  |                           |      |        |             |                       |                   |            |                     |
| 1970—Oct. 1.....               |                         |        |       |        |   |            | 5      |  |                           |      |        |             |                       |                   |            |                     |
|                                |                         |        |       |        |   |            |        | Present legal requirement:                   |                           |      |        |             | Minimum               | Maximum           |            |                     |
|                                |                         |        |       |        |   |            |        | Net demand deposits, reserve city banks..... |                           |      |        |             | 10                    | 22                |            |                     |
|                                |                         |        |       |        |   |            |        | Net demand deposits, other banks.....        |                           |      |        |             | 7                     | 14                |            |                     |
|                                |                         |        |       |        |   |            |        | Time deposits.....                           |                           |      |        |             | 3                     | 10                |            |                     |

<sup>1</sup> When two dates are shown, the first applies to the change at reserve city banks and the second to the change at country banks. For changes prior to 1963 see Board's *Annual Reports*.

<sup>2</sup> (a) Demand deposits subject to reserve requirements are gross demand deposits minus cash items in process of collection and demand balances due from domestic banks.

(b) Requirement schedules are graduated, and each deposit interval applies to that part of the deposits of each bank.

(c) Since Oct. 16, 1969, member banks have been required under Regulation M to maintain reserves against foreign branch deposits computed on the basis of net balances due from domestic offices to their foreign branches above a specified base and against foreign branch loans to U.S. residents, which until June 21, 1973, were also maintained above a specified base. The reserve-free base relating to net balances due from domestic banks to foreign branches is being reduced gradually beginning July 5, 1973, and will be eliminated by April 1974. The applicable reserve percentage, originally 10 per cent, was increased to 20 per cent on Jan. 7, 1971, and effective June 21, 1973, was reduced to 8 per cent. Regulation D imposes a similar reserve requirement on borrowings above a specified base from foreign banks by domestic offices of a member bank. The reserve-free base related to this type of borrowings is being reduced gradually and will be eliminated by April 1974. For details, see Regulations D and M and appropriate supplements and amendments thereto.

<sup>3</sup> Effective Jan. 5, 1967, time deposits such as Christmas and vacation club accounts became subject to same requirements as savings deposits. For other notes see 2(b) and 2(c) above.

<sup>4</sup> Effective Nov. 9, 1972, a new criterion was adopted to designate reserve cities, and on the same date requirements for reserves against net demand deposits of member banks were restructured to provide that each member bank will maintain reserves related to the size of its net demand deposits. The new reserve city designations are as follows: A bank having net demand deposits of more than \$400 million is considered to have the

character of business of a reserve city bank, and the presence of the head office of such a bank constitutes designation of that place as a reserve city. Cities in which there are F.R. Banks or branches are also reserve cities. Any banks having net demand deposits of \$400 million or less are considered to have the character of business of banks outside of reserve cities and are permitted to maintain reserves at ratios set for banks not in reserve cities. For details, see Regulation D and appropriate supplements and amendments.

<sup>5</sup> Reserve city banks.

<sup>6</sup> Except as noted below, effective Dec. 27, 1973, member banks are subject to an 8 per cent marginal reserve requirement against increases in the aggregate of (a) outstanding time deposits of \$100,000 and over, (b) outstanding funds obtained by the bank through issuance by a bank's affiliate of obligations subject to the existing reserve requirements on time deposits, and (c) funds from sales of finance bills. The 8 per cent requirement applies to balances above a specified base, but is not applicable to banks that have obligations of these types aggregating less than \$10 million. For the period June 21 to Aug. 30, 1973, (a) included only single-maturity time deposits. Previous requirements have been: 8 per cent for (a) and (b) from June 21 to Sept. 19, 1973, and for (c) from July 12 to Sept. 19, 1973; and 11 per cent from Sept. 20 to Dec. 26, 1973. For details, see Regulation D and appropriate supplements and amendments.

<sup>7</sup> The 16½ per cent requirement applied for one week, only to former reserve city banks. For other banks, the 13 per cent requirement was continued in this deposit interval.

<sup>8</sup> See preceding columns for earliest effective date of this rate.

NOTE.—All required reserves were held on deposit with F.R. Banks June 21, 1917, until Dec. 1959. From Dec. 1959 to Nov. 1960, member banks were allowed to count part of their currency and coin as reserves; effective Nov. 24, 1960, they were allowed to count all as reserves. For further details, see Board's *Annual Reports*.

MAXIMUM INTEREST RATES PAYABLE ON TIME AND SAVINGS DEPOSITS

(Per cent per annum)

| Rates July 20, 1966—June 30, 1973 |                |                |               |               | Rates beginning July 1, 1973                            |                |              |
|-----------------------------------|----------------|----------------|---------------|---------------|---|----------------|--------------|
| Type of deposit                   | Effective date |                |               |               | Type of deposit   | Effective date |              |
|                                   | July 20, 1966  | Sept. 26, 1966 | Apr. 19, 1968 | Jan. 21, 1970 |   | July 1, 1973   | Nov. 1, 1973 |
| Savings deposits.....             | 4              | 4              | 4             | 4½            | Savings deposits.....                                   | 5              | 5            |
| Other time deposits—1             |                |                |               |               | Other time deposits (multiple- and single-maturity)—    |                |              |
| Multiple maturity:2               |                |                |               |               | Less than \$100,000:                                    |                |              |
| 30-89 days.....                   | 4              | 4              | 4             | 4½            | 30-89 days.....   | 5              | 5            |
| 90 days to 1 year.....            | 5              | 5              | 5             | 5             | 90 days to 1 year.....                                  | 5½             | 5½           |
| 1 year to 2 years.....            |                |                |               | 5½            | 1 year to 2½ years.....                                 | 6              | 6            |
| 2 years or more.....              |                |                |               | 5¾            | 2½ years or more.....                                   | 6½             | 6½           |
| Single-maturity:                  |                |                |               |               | 4 years or more in minimum denomination of \$1,000..... | (4)            | 7¼           |
| Less than \$100,000—              |                |                |               |               | \$100,000 or more.....                                  | (3)            | (3)          |
| 30 days to 1 year.....            | 5½             | 5              | 5             | 5             |   |                |              |
| 1 year to 2 years.....            |                |                |               | 5½            |   |                |              |
| 2 years and over.....             |                |                |               | 5¾            |   |                |              |
| \$100,000 or more—                |                |                |               |               |   |                |              |
| 30-59 days.....                   | 5½             | 5½             | 5½            | (3)           |   |                |              |
| 60-89 days.....                   |                |                | 5¾            | (3)           |   |                |              |
| 90-179 days.....                  |                |                | 6             | (3)           |   |                |              |
| 180 days to 1 year.....           |                |                | 6¼            | (3)           |   |                |              |
| 1 year or more.....               |                |                | (3)           |               |   |                |              |

<sup>1</sup> For exceptions with respect to certain foreign time deposits, see BULLETIN for Feb. 1968, p. 167.

<sup>2</sup> Multiple-maturity time deposits include deposits that are automatically renewable at maturity without action by the depositor and deposits that are payable after written notice of withdrawal.

<sup>3</sup> Maximum rates on all single-maturity time deposits in denominations of \$100,000 or more have been suspended. Rates that were effective Jan. 21, 1970, and the dates when they were suspended are:

|                    |             |               |
|--------------------|-------------|---------------|
| 30-59 days         | 6¼ per cent | June 24, 1970 |
| 60-89 days         | 6½ per cent |               |
| 90-179 days        | 6¾ per cent |               |
| 180 days to 1 year | 7 per cent  | May 16, 1973  |
| 1 year or more     | 7½ per cent |               |

Rates on multiple-maturity time deposits in denomination of \$100,000 or more were suspended July 16, 1973, when the distinction between single- and multiple-maturity deposits was eliminated.

<sup>4</sup> Between July 1 and Oct. 31, 1973, there was no ceiling for 4-year

certificates with minimum denomination of \$1,000. The amount of such certificates that a bank could issue was limited to 5 per cent of its total time and savings deposits. Sales in excess of that amount were subject to the 6½ per cent ceiling that applies to time deposits maturing in 2½ years or more.

Effective Nov. 1, 1973, a ceiling rate of 7¼ per cent was imposed on certificates maturing in 4 years or more with minimum denomination of \$1,000. There is no limitation on the amount of these certificates that banks may issue.

NOTE.—Maximum rates that may be paid by member banks are established by the Board of Governors under provisions of Regulation Q; however, a member bank may not pay a rate in excess of the maximum rate payable by State banks or trust companies on like deposits under the laws of the State in which the member bank is located. Beginning Feb. 1, 1936, maximum rates that may be paid by nonmember insured commercial banks, as established by the FDIC, have been the same as those in effect for member banks.

For previous changes, see earlier issues of the BULLETIN.

MARGIN REQUIREMENTS

(Per cent of market value)

| Period                 |                   | For credit extended under Regulations T (brokers and dealers), U (banks), and G (others than brokers, dealers, or banks) |   |   |                      |   |   |                    |
|------------------------|-------------------|--|---|---|----------------------|---|---|--------------------|
| Beginning date         | Ending date       | On margin stocks   |   |   | On convertible bonds |   |   | On short sales (T) |
|                        |                   | T  | U | G | T                    | U | G |                    |
| 1937—Nov. 1            | 1945—Feb. 4.....  | 40   |   |   |                      |   |   | 50                 |
| 1945—Feb. 5            | July 4.....       | 50   |   |   |                      |   |   | 50                 |
| July 5                 | 1946—Jan. 20..... | 75   |   |   |                      |   |   | 75                 |
| 1946—Jan. 21           | 1947—Jan. 31..... | 100  |   |   |                      |   |   | 100                |
| 1947—Feb. 1            | 1949—Mar. 29..... | 75   |   |   |                      |   |   | 75                 |
| 1949—Mar. 30           | 1951—Jan. 16..... | 50   |   |   |                      |   |   | 50                 |
| 1951—Jan. 17           | 1953—Feb. 19..... | 75   |   |   |                      |   |   | 75                 |
| 1953—Feb. 20           | 1955—Jan. 3.....  | 50   |   |   |                      |   |   | 50                 |
| 1955—Jan. 4            | Apr. 22.....      | 60   |   |   |                      |   |   | 60                 |
| Apr. 23                | 1958—Jan. 15..... | 70   |   |   |                      |   |   | 70                 |
| 1958—Jan. 16           | Aug. 4.....       | 50   |   |   |                      |   |   | 50                 |
| Aug. 5                 | Oct. 15.....      | 70   |   |   |                      |   |   | 70                 |
| Oct. 16                | 1960—July 27..... | 90   |   |   |                      |   |   | 90                 |
| 1960—July 28           | 1962—July 9.....  | 70   |   |   |                      |   |   | 70                 |
| 1962—July 10           | 1963—Nov. 5.....  | 50   |   |   |                      |   |   | 50                 |
| 1963—Nov. 6            | 1968—Mar. 10..... | 70   |   |   |                      |   |   | 70                 |
| 1968—Mar. 11           | June 7.....       | 70   |   |   | 50                   |   |   | 70                 |
| June 8                 | 1970—May 5.....   | 80   |   |   | 60                   |   |   | 80                 |
| 1970—May 6             | 1971—Dec. 3.....  | 65   |   |   | 50                   |   |   | 65                 |
| 1971—Dec. 6            | 1972—Nov. 22..... | 55   |   |   | 50                   |   |   | 55                 |
| 1972—Nov. 24           | 1974—Jan. 2.....  | 65   |   |   | 50                   |   |   | 65                 |
| Effective Jan. 3, 1974 |                   | 50   |   |   | 50                   |   |   | 50                 |

NOTE.—Regulations G, T, and U, prescribed in accordance with the Securities Exchange Act of 1934, limit the amount of credit to purchase and carry margin stocks that may be extended on securities as collateral by prescribing a maximum loan value, which is a specified percentage of the market value of the collateral at the time the credit is extended; margin requirements are the difference between the market value (100 per cent) and the maximum loan value. The term margin stocks is defined in the corresponding regulation.

Regulation G and special margin requirements for bonds convertible into stocks were adopted by the Board of Governors effective Mar. 11, 1968.

TRANSACTIONS OF THE SYSTEM OPEN MARKET ACCOUNT

(In millions of dollars)

| Outright transactions in U.S. Govt. securities, by maturity (excluding matched sale-purchase transactions) |                             |             |             |                                   |             |  |                 |             |                          |                 |             |                          |                 |             |                          |
|--|-----------------------------|-------------|-------------|-----------------------------------|-------------|--|-----------------|-------------|--------------------------|-----------------|-------------|--------------------------|-----------------|-------------|--------------------------|
| Period   | Treasury bills <sup>1</sup> |             |             | Others within 1 year <sup>2</sup> |             |  | 1-5 years       |             |                          | 5-10 years      |             |                          | Over 10 years   |             |                          |
|  | Gross purchases             | Gross sales | Redemptions | Gross purchases                   | Gross sales | Exch., maturity shifts, or redemptions | Gross purchases | Gross sales | Exch. or maturity shifts | Gross purchases | Gross sales | Exch. or maturity shifts | Gross purchases | Gross sales | Exch. or maturity shifts |
| 1970.....  | 11,074                      | 5,214       | 2,160       | 99                                |             | -3,483                                 | 848             |             | 5,430                    | 249             | -1,845      | 93                       |                 | -102        |                          |
| 1971.....  | 8,896                       | 3,642       | 1,064       | 1,036                             |             | -6,462                                 | 1,338           |             | 4,672                    | 933             | 685         | 311                      |                 | 150         |                          |
| 1972.....  | 8,522                       | 6,467       | 2,545       | 125                               |             | 2,933                                  | 789             |             | -1,405                   | 539             | -2,094      | 167                      |                 | 250         |                          |
| 1972—Dec....   | 941                         | 498         |             |                                   |             | -135                                   |                 |             |                          |                 |             |                          |                 |             |                          |
| 1973—Jan....   | 1,855                       | 530         |             |                                   |             |  |                 |             |                          |                 |             |                          |                 |             |                          |
| Feb....  | 1,558                       | 695         | 200         | 25                                |             | -1,408                                 | 61              |             | 3,476                    | 79              | -2,068      | 32                       |                 |             |                          |
| Mar....  | 1,569                       | 260         | 200         |                                   |             |  |                 |             |                          |                 |             |                          |                 |             |                          |
| Apr....  | 1,377                       |             | 51          | 50                                |             |  | 127             |             |                          | 19              |             | 11                       |                 |             |                          |
| May....  | 717                         | 623         | 600         |                                   |             | 1,316                                  |                 |             | -1,316                   |                 |             |                          |                 |             |                          |
| June....   | 1,047                       | 218         | 163         | 17                                |             |  | 123             |             |                          | 37              | 78          | 51                       |                 | -78         |                          |
| July....   | 1,640                       | 495         | 60          |                                   |             |  | 27              |             |                          |                 |             |                          |                 |             |                          |
| Aug....  | 655                         | 945         | 456         | 351                               |             | -919                                   |                 |             | 468                      |                 |             |                          |                 | 100         |                          |
| Sept....   | 480                         | 401         | 564         | 836                               |             | -813                                   |                 |             | -23                      |                 |             |                          |                 |             |                          |
| Oct....  | 2,117                       | 153         |             |                                   |             |  |                 |             |                          |                 |             |                          |                 |             |                          |
| Nov....  | 583                         | 489         | 1,101       | 41                                |             | 1,515                                  | 125             |             | 680                      | 331             | -2,220      | 35                       |                 | 25          |                          |
| Dec....  | 1,919                       | 70          | 10          | 75                                |             | 34                                     | 116             |             | -34                      | 35              |             |                          |                 |             |                          |

| Period       | Total outright <sup>1</sup> |             |             | Matched sale-purchase transactions (Treasury bills) |                 | Repurchase agreements (U.S. Govt. securities) |             | Net change in U.S. Govt. securities | Federal agency obligations |                      | Bankers' acceptances, net  |          | Net change <sup>3</sup> |                       |
|--------------|-----------------------------|-------------|-------------|---|-----------------|---|-------------|-------------------------------------|----------------------------|----------------------|----------------------------|----------|-------------------------|-----------------------|
|              | Gross purchases             | Gross sales | Redemptions | Gross sales   | Gross purchases | Gross purchases                               | Gross sales |                                     | Outright                   |                      | Repurchase agreements, net | Outright |                         | Repurchase agreements |
|              |                             |             |             |   |                 |   |             |                                     | Gross purchases            | Sales or redemptions |                            |          |                         |                       |
| 1970.....    | 12,362                      | 5,214       | 2,160       | 12,177  | 12,177          | 33,859  | 33,859      | 4,988                               |                            |                      | -6                         |          | 4,982                   |                       |
| 1971.....    | 12,515                      | 3,642       | 2,019       | 16,205  | 16,205          | 44,741  | 43,519      | 8,076                               | 485                        | 101                  | 22                         | 181      | 8,866                   |                       |
| 1972.....    | 10,142                      | 6,467       | 2,862       | 23,319  | 23,319          | 31,103  | 32,228      | -312                                | 1,197                      | -88                  | -9                         | -145     | 272                     |                       |
| 1972—Dec.... | 941                         | 498         | 135         | 4,142   | 4,142           | 4,863   | 4,765       | 405                                 | 149                        | 370                  | 13                         | 36       | 596                     |                       |
| 1973—Jan.... | 1,855                       | 530         |             | 1,205   | 1,205           | 9,719   | 8,928       | 2,116                               |                            |                      | 48                         | 23       | 2,197                   |                       |
| Feb....      | 1,754                       | 695         | 200         | 4,521   | 4,521           | 2,774   | 3,034       | 599                                 |                            | 18                   | -28                        | 95       | 644                     |                       |
| Mar....      | 1,569                       | 260         | 200         | 1,941   | 1,941           | 6,024   | 5,478       | 1,656                               |                            | 14                   | 61                         | -1       | 1,636                   |                       |
| Apr....      | 1,584                       |             | 51          | 2,101   | 2,101           | 5,664   | 5,978       | 1,218                               |                            | 19                   | -65                        | 7        | 1,106                   |                       |
| May....      | 717                         | 623         | 600         | 1,105   | 1,105           | 7,379   | 8,240       | -1,367                              |                            | 21                   | -29                        | -1       | -1,470                  |                       |
| June....     | 1,274                       | 218         | 163         | 4,630   | 4,630           | 5,621   | 5,621       | 893                                 |                            | 19                   | -17                        |          | 1,085                   |                       |
| July....     | 1,666                       | 495         | 60          | 3,405   | 3,405           | 7,651   | 6,686       | 2,076                               | 229                        | 6                    | 106                        | 78       | 2,416                   |                       |
| Aug....      | 1,006                       | 945         | 807         | 9,405   | 9,405           | 2,234   | 2,492       | -1,005                              | 174                        | 20                   | 157                        | -7       | -915                    |                       |
| Sept....     | 1,316                       | 401         | 1,400       | 6,981   | 6,981           | 3,309   | 2,752       | 72                                  |                            | 30                   | -95                        | 69       | 7                       |                       |
| Oct....      | 2,117                       | 153         |             | 4,735   | 4,735           | 8,209   | 7,859       | 2,325                               | 176                        | 4                    | -20                        | 8        | 2,440                   |                       |
| Nov....      | 1,116                       | 489         | 1,101       | 2,089   | 2,089           | 6,637   | 7,525       | -1,360                              | 74                         | 3                    | 20                         | -2       | -1,307                  |                       |
| Dec....      | 2,145                       | 70          | 10          | 3,435   | 3,435           | 9,523   | 10,202      | 1,387                               | 212                        | 84                   | -126                       | 23       | 1,386                   |                       |

<sup>1</sup> Before Nov. 1973 BULLETIN, included matched sale-purchase transactions, which are now shown separately.

<sup>2</sup> Includes special certificates acquired when the Treasury borrows directly from the Federal Reserve, as follows: June 1971, 955; Sept. 1972, 38; Aug. 1973, 351; Sept. 1973, 836.

<sup>3</sup> Net change in U.S. Govt. securities, Federal agency obligations, and bankers' acceptances.

NOTE.—Sales, redemptions, and negative figures reduce System holdings; all other figures increase such holdings.

CONVERTIBLE FOREIGN CURRENCIES HELD BY FEDERAL RESERVE BANKS

(In millions of U.S. dollar equivalent)

| End of period | Total | Pounds sterling | Austrian schillings | Belgian francs | Canadian dollars | Danish kroner | French francs | German marks | Italian lire | Japanese yen | Netherlands guilders | Swiss francs |
|---------------|-------|-----------------|---------------------|----------------|------------------|---------------|---------------|--------------|--------------|--------------|----------------------|--------------|
| 1969—Dec..... | 1,967 | 1,575           |                     | 1              | *                |               | 199           | 60           | 125          | 1            | 3                    | 4            |
| 1970—Dec..... | 257   | 154             |                     | *              | *                |               |               | 98           |              | 1            | *                    | 4            |
| 1971—Dec..... | 18    | 3               |                     | 3              | *                |               |               | 2            |              | 1            |                      | 8            |
| 1972—Oct..... | 211   | *               |                     | 8              | *                |               |               | 164          |              | 1            | 16                   | 21           |
| Nov.....      | 200   | *               |                     | 8              | *                |               |               | 164          |              | 1            | 20                   | 7            |
| Dec.....      | 192   | *               |                     | *              | *                |               |               | 164          |              | 1            | 52                   | 6            |
| 1973—Jan..... | 92    | *               |                     | *              | *                |               |               | 67           |              | 1            | 20                   | 3            |
| Feb.....      | 4     | *               |                     | *              | *                |               |               | *            |              | 1            |                      | 3            |
| Mar.....      | 4     | *               |                     | *              | *                |               |               | *            |              | 1            |                      | 3            |
| Apr.....      | 4     | *               |                     | *              | *                |               |               | *            |              | 1            |                      | 3            |
| May.....      | 4     | *               |                     | *              | *                |               |               | *            |              | 1            |                      | 3            |
| June.....     | 4     | *               |                     | *              | *                |               |               | *            |              | 1            |                      | 3            |
| July.....     | 4     | *               |                     | *              | *                |               |               | *            |              | 1            |                      | 3            |
| Aug.....      | 5     | *               |                     | *              | *                |               |               | 1            |              | 1            |                      | 3            |
| Sept.....     | 4     | *               |                     | *              | *                |               |               | *            |              | 1            |                      | 3            |
| Oct.....      | 4     | *               |                     | *              | *                |               |               | *            |              | 1            |                      | 3            |

### CONSOLIDATED STATEMENT OF CONDITION OF ALL FEDERAL RESERVE BANKS

(In millions of dollars)

| Item   | Wednesday |          |          |            |          | End of month |          |          |
|--|-----------|----------|----------|------------|----------|--------------|----------|----------|
|  | 1974      |          |          |            |          | 1974         | 1973     |          |
|  | Jan. 30   | Jan. 23  | Jan. 16  | Jan. 9     | Jan. 2   | Jan. 31      | Dec. 31  | Jan. 31  |
| <b>Assets</b>  |           |          |          |            |          |              |          |          |
| Gold certificate account.....  | 11,460    | 11,460   | 11,460   | 11,460     | 11,460   | 11,460       | 11,460   | 10,303   |
| Special Drawing Rights certificate account.....  | 400       | 400      | 400      | 400        | 400      | 400          | 400      | 400      |
| Cash.....  | 305       | 293      | 280      | 266        | 268      | 311          | 271      | 353      |
| Loans:   |           |          |          |            |          |              |          |          |
| Member bank borrowings.....  | 1,601     | 2,664    | 1,239    | 2,103      | 993      | 959          | 1,258    | 1,310    |
| Other.....   |           |          |          |            |          |              |          |          |
| Acceptances:   |           |          |          |            |          |              |          |          |
| Bought outright.....   | 67        | 65       | 65       | 65         | 65       | 68           | 68       | 82       |
| Held under repurchase agreements.....  | 83        | 10       | 43       |            | 205      |              |          | 59       |
| Federal agency obligations:  |           |          |          |            |          |              |          |          |
| Bought outright.....   | 1,927     | 1,909    | 1,920    | 1,920      | 1,920    | 1,927        | 1,937    | 1,311    |
| Held under repurchase agreements.....  | 160       | 72       | 22       |            | 312      |              | 42       | 61       |
| U.S. Govt. securities:   |           |          |          |            |          |              |          |          |
| Bought outright:   |           |          |          |            |          |              |          |          |
| Bills.....   | 37,075    | 36,929   | 37,088   | 35,649     | 37,084   | 36,500       | 36,897   | 30,989   |
| Certificates—Special.....  |           |          |          |            |          |              |          |          |
| Other.....   |           |          |          |            |          |              |          |          |
| Notes.....   | 38,591    | 38,514   | 38,514   | 38,514     | 38,514   | 38,591       | 38,412   | 36,681   |
| Bonds.....   | 3,149     | 3,149    | 3,149    | 3,149      | 3,149    | 3,149        | 3,149    | 3,463    |
| Total bought outright.....   | 1 78,815  | 1 78,592 | 1 78,751 | 1 2 77,312 | 1 78,747 | 1 78,240     | 1 78,458 | 1 71,133 |
| Held under repurchase agreements.....  | 1,020     | 678      | 482      |            | 1,662    |              | 58       | 889      |
| Total U.S. Govt. securities.....   | 79,835    | 79,270   | 79,233   | 77,312     | 80,409   | 78,240       | 78,516   | 72,022   |
| Total loans and securities.....  | 83,673    | 83,990   | 82,522   | 81,400     | 83,904   | 81,194       | 81,821   | 74,845   |
| Cash items in process of collection.....   | 7,577     | 8,906    | 10,800   | 10,500     | 12,943   | 6,792        | 8,168    | 8,264    |
| Bank premises.....   | 224       | 224      | 225      | 224        | 223      | 224          | 223      | 194      |
| Other assets:  |           |          |          |            |          |              |          |          |
| Denominated in foreign currencies.....   | 1         | 1        | 7        | 29         | 4        | 1            | 4        | 92       |
| All other.....   | 1,148     | 1,069    | 1,078    | 1,191      | 975      | 1,104        | 925      | 1,053    |
| Total assets.....  | 104,788   | 106,343  | 106,772  | 105,470    | 110,177  | 101,486      | 103,272  | 95,504   |
| <b>Liabilities</b>   |           |          |          |            |          |              |          |          |
| F.R. notes.....  | 61,816    | 62,211   | 62,909   | 63,510     | 64,270   | 61,687       | 64,262   | 56,589   |
| Deposits:  |           |          |          |            |          |              |          |          |
| Member bank reserves.....  | 30,350    | 30,990   | 31,621   | 29,096     | 33,111   | 28,253       | 27,060   | 26,727   |
| U.S. Treasurer—General account.....  | 3,013     | 2,898    | 1,851    | 2,880      | 1,985    | 2,844        | 2,542    | 2,747    |
| Foreign.....   | 485       | 713      | 239      | 543        | 309      | 392          | 251      | 310      |
| Other:   |           |          |          |            |          |              |          |          |
| All other <sup>3</sup> .....   | 668       | 693      | 650      | 705        | 713      | 657          | 1,633    | 674      |
| Total deposits.....  | 34,516    | 35,294   | 34,361   | 33,224     | 36,118   | 32,146       | 31,486   | 30,458   |
| Deferred availability cash items.....  | 5,353     | 5,837    | 6,554    | 5,959      | 7,031    | 4,552        | 4,855    | 5,881    |
| Other liabilities and accrued dividends.....   | 994       | 993      | 1,034    | 962        | 1,043    | 974          | 981      | 675      |
| Total liabilities.....   | 102,679   | 104,335  | 104,858  | 103,655    | 108,462  | 99,359       | 101,584  | 93,603   |
| <b>Capital accounts</b>  |           |          |          |            |          |              |          |          |
| Capital paid in.....   | 849       | 848      | 847      | 846        | 843      | 850          | 844      | 797      |
| Surplus.....   | 844       | 844      | 844      | 844        | 844      | 844          | 844      | 793      |
| Other capital accounts.....  | 416       | 316      | 223      | 125        | 28       | 433          |          | 311      |
| Total liabilities and capital accounts.....  | 104,788   | 106,343  | 106,772  | 105,470    | 110,177  | 101,486      | 103,272  | 95,504   |
| Contingent liability on acceptances purchased for foreign correspondents.....                | 562       | 575      | 584      | 610        | 579      | 589          | 581      | 198      |
| Marketable U.S. Govt. securities held in custody for foreign and international accounts..... | 24,346    | 24,654   | 25,478   | 25,622     | 26,293   | 24,592       | 26,365   | 30,155   |
| <b>Federal Reserve Notes—Federal Reserve Agents' Accounts</b>                                |           |          |          |            |          |              |          |          |
| F.R. notes outstanding (issued to Bank).....   | 67,200    | 67,498   | 67,741   | 67,931     | 68,055   | 67,151       | 68,161   | 61,931   |
| Collateral held against notes outstanding:   |           |          |          |            |          |              |          |          |
| Gold certificate account.....  | 2,485     | 2,485    | 2,485    | 2,555      | 2,555    | 2,485        | 2,555    | 2,021    |
| U.S. Govt. securities.....   | 66,485    | 66,485   | 66,485   | 66,435     | 66,435   | 66,485       | 66,335   | 61,625   |
| Total collateral.....  | 68,970    | 68,970   | 68,970   | 68,990     | 68,990   | 68,970       | 68,890   | 63,646   |

<sup>1</sup> See note 8 on p. A-5.<sup>2</sup> See note 9 on p. A-5.<sup>3</sup> See note 5 on p. A-4.

STATEMENT OF CONDITION OF EACH FEDERAL RESERVE BANK ON JANUARY 31, 1974

(In millions of dollars)

| Item  | Total          | Boston       | New York      | Phila-<br>del-<br>phia | Cleve-<br>land | Rich-<br>mond | Atlan-<br>ta | Chi-<br>cago  | St.<br>Louis | Minne-<br>apolis | Kan-<br>sas<br>City | Dallas       | San<br>Fran-<br>cisco |
|---|----------------|--------------|---------------|------------------------|----------------|---------------|--------------|---------------|--------------|------------------|---------------------|--------------|-----------------------|
| <b>Assets</b>   |                |              |               |                        |                |               |              |               |              |                  |                     |              |                       |
| Gold certificate account.....   | 11,460         | 711          | 2,249         | 818                    | 956            | 1,114         | 767          | 2,420         | 166          | 194              | 445                 | 467          | 1,153                 |
| Special Drawing Rights certificate<br>account.....                                    | 400            | 23           | 93            | 23                     | 33             | 36            | 22           | 70            | 15           | 7                | 15                  | 14           | 49                    |
| F.R. notes of other banks.....  | 1,810          | 144          | 352           | 84                     | 141            | 174           | 226          | 120           | 58           | 28               | 52                  | 129          | 302                   |
| Other cash.....   | 311            | 19           | 29            | 4                      | 35             | 33            | 44           | 34            | 21           | 10               | 33                  | 15           | 34                    |
| <b>Loans:</b>   |                |              |               |                        |                |               |              |               |              |                  |                     |              |                       |
| Secured by U.S. Govt. and agency<br>obligations.....                                  | 594            | 12           | 140           | 33                     | 34             | 77            | 96           | 40            | 26           | 7                | 14                  | 15           | 100                   |
| Other.....  | 365            | 2            | 15            | 5                      | .....          | 69            | 82           | 41            | 58           | 1                | 14                  | 24           | 54                    |
| <b>Acceptances:</b>   |                |              |               |                        |                |               |              |               |              |                  |                     |              |                       |
| Bought outright.....  | 68             | .....        | 68            | .....                  | .....          | .....         | .....        | .....         | .....        | .....            | .....               | .....        | .....                 |
| Held under repurchase agreements..  | .....          | .....        | .....         | .....                  | .....          | .....         | .....        | .....         | .....        | .....            | .....               | .....        | .....                 |
| <b>Federal agency obligations:</b>  |                |              |               |                        |                |               |              |               |              |                  |                     |              |                       |
| Bought outright.....  | 1,927          | 88           | 503           | 104                    | 145            | 142           | 107          | 297           | 78           | 40               | 79                  | 86           | 258                   |
| Held under repurchase agreements..  | .....          | .....        | .....         | .....                  | .....          | .....         | .....        | .....         | .....        | .....            | .....               | .....        | .....                 |
| <b>U.S. Govt. securities:</b>   |                |              |               |                        |                |               |              |               |              |                  |                     |              |                       |
| Bought outright <sup>1</sup> .....  | 78,240         | 3,558        | 20,438        | 4,236                  | 5,874          | 5,763         | 4,328        | 12,068        | 3,187        | 1,634            | 3,189               | 3,508        | 10,457                |
| Held under repurchase agreements..  | .....          | .....        | .....         | .....                  | .....          | .....         | .....        | .....         | .....        | .....            | .....               | .....        | .....                 |
| <b>Total loans and securities.....</b>  | <b>81,194</b>  | <b>3,660</b> | <b>21,164</b> | <b>4,378</b>           | <b>6,053</b>   | <b>6,051</b>  | <b>4,613</b> | <b>12,446</b> | <b>3,349</b> | <b>1,682</b>     | <b>3,296</b>        | <b>3,633</b> | <b>10,869</b>         |
| Cash items in process of collection..   | 8,173          | 162          | 1,422         | 339                    | 364            | 862           | 810          | 990           | 351          | 414              | 625                 | 684          | 1,150                 |
| Bank premises.....  | 224            | 45           | 10            | 11                     | 27             | 14            | 15           | 16            | 14           | 35               | 17                  | 12           | 8                     |
| <b>Other assets:</b>  |                |              |               |                        |                |               |              |               |              |                  |                     |              |                       |
| Denominated in foreign currencies..   | 1              | .....        | 2             | 1                      | .....          | .....         | .....        | .....         | .....        | .....            | .....               | .....        | .....                 |
| All other.....  | 1,104          | 49           | 313           | 57                     | 77             | 81            | 59           | 156           | 42           | 26               | 40                  | 47           | 157                   |
| <b>Total assets.....</b>  | <b>104,677</b> | <b>4,813</b> | <b>25,633</b> | <b>5,714</b>           | <b>7,686</b>   | <b>8,365</b>  | <b>6,556</b> | <b>16,252</b> | <b>4,016</b> | <b>2,396</b>     | <b>4,523</b>        | <b>5,001</b> | <b>13,722</b>         |
| <b>Liabilities</b>  |                |              |               |                        |                |               |              |               |              |                  |                     |              |                       |
| F.R. notes.....   | 63,497         | 3,131        | 15,689        | 4,000                  | 5,103          | 5,687         | 3,331        | 10,548        | 2,541        | 1,148            | 2,460               | 2,389        | 7,470                 |
| <b>Deposits:</b>  |                |              |               |                        |                |               |              |               |              |                  |                     |              |                       |
| Member bank reserves.....   | 28,253         | 1,086        | 6,799         | 1,075                  | 1,848          | 1,594         | 2,226        | 4,072         | 898          | 772              | 1,271               | 1,836        | 4,776                 |
| U.S. Treasurer—General account..  | 2,844          | 201          | 643           | 184                    | 157            | 280           | 152          | 259           | 177          | 56               | 130                 | 189          | 416                   |
| Foreign.....  | 392            | 15           | 117           | 18                     | 33             | 21            | 27           | 58            | 13           | 8                | 15                  | 20           | 47                    |
| <b>Other:</b>   |                |              |               |                        |                |               |              |               |              |                  |                     |              |                       |
| All other <sup>5</sup> .....  | 657            | 4            | 556           | 24                     | .....          | 15            | 14           | 7             | 2            | 2                | 2                   | 7            | 24                    |
| <b>Total deposits.....</b>  | <b>32,146</b>  | <b>1,306</b> | <b>8,115</b>  | <b>1,301</b>           | <b>2,038</b>   | <b>1,910</b>  | <b>2,419</b> | <b>4,396</b>  | <b>1,090</b> | <b>838</b>       | <b>1,418</b>        | <b>2,052</b> | <b>5,263</b>          |
| Deferred availability cash items.....   | 5,933          | 244          | 1,037         | 253                    | 286            | 570           | 600          | 825           | 274          | 340              | 520                 | 406          | 578                   |
| Other liabilities and accrued dividends   | 974            | 44           | 251           | 52                     | 76             | 71            | 58           | 146           | 39           | 22               | 39                  | 43           | 133                   |
| <b>Total liabilities.....</b>   | <b>102,550</b> | <b>4,725</b> | <b>25,092</b> | <b>5,606</b>           | <b>7,503</b>   | <b>8,238</b>  | <b>6,408</b> | <b>15,915</b> | <b>3,944</b> | <b>2,348</b>     | <b>4,437</b>        | <b>4,890</b> | <b>13,444</b>         |
| <b>Capital accounts</b>   |                |              |               |                        |                |               |              |               |              |                  |                     |              |                       |
| Capital paid in.....  | 850            | 35           | 215           | 41                     | 76             | 48            | 63           | 134           | 28           | 20               | 35                  | 46           | 109                   |
| Surplus.....  | 844            | 34           | 215           | 42                     | 74             | 47            | 62           | 132           | 29           | 20               | 35                  | 46           | 108                   |
| Other capital accounts.....   | 433            | 19           | 111           | 25                     | 33             | 32            | 23           | 71            | 15           | 8                | 16                  | 19           | 61                    |
| <b>Total liabilities and capital accounts..</b>                                       | <b>104,677</b> | <b>4,813</b> | <b>25,633</b> | <b>5,714</b>           | <b>7,686</b>   | <b>8,365</b>  | <b>6,556</b> | <b>16,252</b> | <b>4,016</b> | <b>2,396</b>     | <b>4,523</b>        | <b>5,001</b> | <b>13,722</b>         |
| Contingent liability on acceptances<br>purchased for foreign correspond-<br>ents..... | 589            | 24           | 4150          | 29                     | 52             | 33            | 43           | 93            | 20           | 14               | 24                  | 32           | 75                    |

Federal Reserve Notes—Federal Reserve Agents' Accounts

|   | Total         | Boston       | New York      | Phila-<br>del-<br>phia | Cleve-<br>land | Rich-<br>mond | Atlan-<br>ta | Chi-<br>cago  | St.<br>Louis | Minne-<br>apolis | Kan-<br>sas<br>City | Dallas       | San<br>Fran-<br>cisco |
|---|---------------|--------------|---------------|------------------------|----------------|---------------|--------------|---------------|--------------|------------------|---------------------|--------------|-----------------------|
| F.R. notes outstanding (issued to<br>Bank)      | 67,151        | 3,327        | 16,577        | 4,086                  | 5,385          | 5,959         | 3,705        | 10,987        | 2,690        | 1,198            | 2,600               | 2,569        | 8,068                 |
| Collateral held against notes out-<br>standing: |               |              |               |                        |                |               |              |               |              |                  |                     |              |                       |
| Gold certificate account.....                   | 2,485         | 175          | .....         | 400                    | 350            | 700           | .....        | 700           | 155          | .....            | .....               | 5            | .....                 |
| U.S. Govt. securities.....                      | 66,485        | 3,230        | 16,850        | 3,800                  | 5,200          | 5,390         | 3,900        | 10,600        | 2,620        | 1,240            | 2,700               | 2,655        | 8,300                 |
| <b>Total collateral.....</b>                    | <b>68,970</b> | <b>3,405</b> | <b>16,850</b> | <b>4,200</b>           | <b>5,550</b>   | <b>6,090</b>  | <b>3,900</b> | <b>11,300</b> | <b>2,775</b> | <b>1,240</b>     | <b>2,700</b>        | <b>2,660</b> | <b>8,300</b>          |

<sup>1</sup> See note 8 on p. A-5.  
<sup>2</sup> After deducting \$0 million participations of other Federal Reserve Banks.  
<sup>3</sup> After deducting \$275 million participations of other Federal Reserve Banks.  
<sup>4</sup> After deducting \$439 million participations of other Federal Reserve Banks.  
<sup>5</sup> See note 5 on p. A-4.

**MATURITY DISTRIBUTION OF LOANS AND U.S. GOVERNMENT SECURITIES HELD BY FEDERAL RESERVE BANKS**

(In millions of dollars)

| Item                                  | Wednesday |         |         |        |        | End of month |         |         |
|---------------------------------------|-----------|---------|---------|--------|--------|--------------|---------|---------|
|                                       | 1974      |         |         |        |        | 1974         | 1973    |         |
|                                       | Jan. 30   | Jan. 23 | Jan. 16 | Jan. 9 | Jan. 2 | Jan. 31      | Dec. 31 | Jan. 31 |
| Loans—Total.....                      | 1,601     | 2,664   | 1,239   | 2,103  | 993    | 959          | 1,257   | 1,310   |
| Within 15 days.....                   | 1,592     | 2,655   | 1,230   | 2,093  | 973    | 940          | 1,250   | 1,307   |
| 16 days to 90 days.....               | 9         | 9       | 9       | 10     | 20     | 19           | 7       | 3       |
| 91 days to 1 year.....                |           |         |         |        |        |              |         |         |
| Acceptances—Total.....                | 150       | 75      | 108     | 65     | 270    | 68           | 68      | 141     |
| Within 15 days.....                   | 109       | 33      | 63      | 20     | 220    | 28           | 19      | 80      |
| 16 days to 90 days.....               | 41        | 42      | 45      | 45     | 50     | 40           | 49      | 61      |
| 91 days to 1 year.....                |           |         |         |        |        |              |         |         |
| U.S. Government securities—Total..... | 79,835    | 79,270  | 79,233  | 77,312 | 80,409 | 78,240       | 78,516  | 72,022  |
| Within 15 days <sup>1</sup> .....     | 7,042     | 5,816   | 5,701   | 4,664  | 7,918  | 4,869        | 4,495   | 7,277   |
| 16 days to 90 days.....               | 19,192    | 19,982  | 19,587  | 19,394 | 18,717 | 18,668       | 20,352  | 15,674  |
| 91 days to 1 year.....                | 21,131    | 21,079  | 21,552  | 20,861 | 21,381 | 22,233       | 21,369  | 16,933  |
| Over 1 year to 5 years.....           | 23,128    | 23,128  | 23,128  | 23,128 | 23,128 | 23,128       | 23,035  | 24,484  |
| Over 5 years to 10 years.....         | 7,580     | 7,503   | 7,503   | 7,503  | 7,503  | 7,580        | 7,503   | 6,108   |
| Over 10 years.....                    | 1,762     | 1,762   | 1,762   | 1,762  | 1,762  | 1,762        | 1,762   | 1,546   |
| Federal agency obligations—Total..... | 2,087     | 1,981   | 1,942   | 1,920  | 2,232  | 1,927        | 1,980   | 1,372   |
| Within 15 days <sup>1</sup> .....     | 199       | 121     | 43      | 11     | 312    | 39           | 60      | 61      |
| 16 days to 90 days.....               | 104       | 104     | 94      | 104    | 115    | 104          | 115     | 55      |
| 91 days to 1 year.....                | 234       | 234     | 282     | 282    | 282    | 234          | 282     | 199     |
| Over 1 year to 5 years.....           | 819       | 791     | 787     | 787    | 787    | 819          | 787     | 597     |
| Over 5 years to 10 years.....         | 492       | 492     | 497     | 497    | 497    | 492          | 497     | 269     |
| Over 10 years.....                    | 239       | 239     | 239     | 239    | 239    | 239          | 239     | 191     |

<sup>1</sup> Holdings under repurchase agreements are classified as maturing within 15 days in accordance with maximum maturity of the agreements.

**BANK DEBITS AND DEPOSIT TURNOVER**

(Seasonally adjusted annual rates)

| Period        | Debits to demand deposit accounts <sup>1</sup><br>(billions of dollars) |                |                       |                               | Turnover of demand deposits |                  |                |                       |                               |                  |
|---------------|---|----------------|-----------------------|-------------------------------|-----------------------------|------------------|----------------|-----------------------|-------------------------------|------------------|
|               | Total 233 SMSA's  | Leading SMSA's |                       | Total 232 SMSA's (excl. N.Y.) | 226 other SMSA's            | Total 233 SMSA's | Leading SMSA's |                       | Total 232 SMSA's (excl. N.Y.) | 226 other SMSA's |
|               |   | N.Y.           | 6 others <sup>2</sup> |                               |                             |                  | N.Y.           | 6 others <sup>2</sup> |                               |                  |
| 1972—Dec..... | 14,783.7  | 6,604.8        | 3,495.4               | 8,178.9                       | 4,683.5                     | 90.7             | 215.7          | 95.6                  | 61.8                          | 48.9             |
| 1973—Jan..... | 15,444.5  | 6,855.4        | 3,631.7               | 8,589.1                       | 4,957.3                     | 93.8             | 224.0          | 97.9                  | 64.1                          | 51.2             |
| Feb.....      | 16,069.5  | 7,227.0        | 3,804.8               | 8,842.4                       | 5,037.6                     | 97.9             | 238.0          | 103.1                 | 66.1                          | 52.0             |
| Mar.....      | 15,954.5  | 6,844.8        | 3,868.7               | 9,109.7                       | 5,241.0                     | 97.1             | 228.3          | 104.4                 | 67.8                          | 53.9             |
| Apr.....      | 15,966.3  | 6,297.5        | 3,852.6               | 9,038.8                       | 5,186.2                     | 95.7             | 228.9          | 101.8                 | 66.2                          | 52.5             |
| May.....      | 16,447.0  | 7,177.0        | 3,913.4               | 9,270.1                       | 5,356.7                     | 97.8             | 235.1          | 103.6                 | 67.3                          | 53.6             |
| June.....     | 16,634.4  | 7,244.6        | 4,046.6               | 9,409.8                       | 5,363.3                     | 99.9             | 245.0          | 107.5                 | 68.7                          | 54.0             |
| July.....     | 17,218.8  | 7,381.4        | 4,277.8               | 9,837.4                       | 5,559.5                     | 102.6            | 247.5          | 111.5                 | 71.3                          | 55.8             |
| Aug.....      | 17,885.3  | 7,744.6        | 4,315.3               | 10,140.6                      | 5,825.3                     | 106.1            | 252.5          | 113.5                 | 73.6                          | 58.4             |
| Sept.....     | 17,914.5  | 8,025.3        | 4,192.1               | 9,889.1                       | 5,697.1                     | 107.4            | 266.4          | 111.5                 | 72.4                          | 57.5             |
| Oct.....      | 18,388.6  | 8,137.2        | 4,413.5               | 10,251.3                      | 5,837.8                     | 109.5            | 265.3          | 116.3                 | 74.7                          | 58.8             |
| Nov.....      | 19,050.0  | 8,437.9        | 4,515.5               | 10,612.0                      | 6,096.5                     | 113.2            | 274.9          | 118.5                 | 77.1                          | 61.3             |
| Dec.....      | 18,618.3  | 8,097.7        | 4,433.1               | 10,520.6                      | 6,087.5                     | 109.9            | 269.8          | 113.5                 | 75.5                          | 60.6             |

<sup>1</sup> Excludes interbank and U.S. Govt. demand deposit accounts.

<sup>2</sup> Boston, Philadelphia, Chicago, Detroit, San Francisco-Oakland, and Los Angeles-Long Beach.

NOTE.—Total SMSA's includes some cities and counties not designated as SMSA's.

For back data see pp. 634-35 of July 1972 BULLETIN.

**DENOMINATIONS IN CIRCULATION**

(In millions of dollars)

| End of period | Total in circulation <sup>1</sup> | Coin and small denomination currency |       |                  |     |       |        |        | Large denomination currency |       |        |       |         |         |          |
|---------------|-----------------------------------|--------------------------------------|-------|------------------|-----|-------|--------|--------|-----------------------------|-------|--------|-------|---------|---------|----------|
|               |                                   | Total                                | Coin  | \$1 <sup>2</sup> | \$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       |
| 1941.....     | 11,160                            | 8,120                                | 751   | 695              | 44  | 1,355 | 2,731  | 2,545  | 3,044                       | 724   | 1,433  | 261   | 556     | 24      | 46       |
| 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       |
| 1947.....     | 28,868                            | 20,020                               | 1,404 | 1,048            | 65  | 2,110 | 6,275  | 9,119  | 8,850                       | 2,548 | 5,070  | 428   | 782     | 5       | 17       |
| 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       |
| 1955.....     | 31,158                            | 22,021                               | 1,927 | 1,312            | 75  | 2,151 | 6,617  | 9,940  | 9,136                       | 2,736 | 5,641  | 307   | 438     | 3       | 12       |
| 1959.....     | 32,591                            | 23,264                               | 2,304 | 1,511            | 85  | 2,216 | 6,672  | 10,476 | 9,326                       | 2,803 | 5,913  | 261   | 341     | 3       | 5        |
| 1960.....     | 32,869                            | 23,521                               | 2,427 | 1,533            | 88  | 2,246 | 6,691  | 10,536 | 9,348                       | 2,815 | 5,954  | 249   | 316     | 3       | 10       |
| 1961.....     | 33,918                            | 24,388                               | 2,582 | 1,588            | 92  | 2,313 | 6,878  | 10,935 | 9,531                       | 2,869 | 6,106  | 242   | 300     | 3       | 10       |
| 1962.....     | 35,338                            | 25,356                               | 2,782 | 1,636            | 97  | 2,375 | 7,071  | 11,395 | 9,983                       | 2,990 | 6,448  | 240   | 293     | 3       | 10       |
| 1963.....     | 37,692                            | 26,807                               | 3,030 | 1,722            | 103 | 2,469 | 7,373  | 12,109 | 10,885                      | 3,221 | 7,110  | 249   | 298     | 3       | 4        |
| 1964.....     | 39,619                            | 28,100                               | 3,405 | 1,806            | 111 | 2,517 | 7,543  | 12,717 | 11,519                      | 3,381 | 7,590  | 248   | 293     | 2       | 4        |
| 1965.....     | 42,056                            | 29,842                               | 4,027 | 1,908            | 127 | 2,618 | 7,794  | 13,369 | 12,214                      | 3,540 | 8,135  | 245   | 288     | 3       | 4        |
| 1966.....     | 44,663                            | 31,695                               | 4,480 | 2,051            | 137 | 2,756 | 8,070  | 14,201 | 12,969                      | 3,700 | 8,735  | 241   | 286     | 3       | 4        |
| 1967.....     | 47,226                            | 33,468                               | 4,918 | 2,035            | 136 | 2,850 | 8,366  | 15,162 | 13,758                      | 3,915 | 9,311  | 240   | 285     | 3       | 4        |
| 1968.....     | 50,961                            | 36,163                               | 5,691 | 2,049            | 136 | 2,993 | 8,786  | 16,508 | 14,798                      | 4,186 | 10,068 | 244   | 292     | 3       | 4        |
| 1969.....     | 53,950                            | 37,917                               | 6,021 | 2,213            | 136 | 3,092 | 8,989  | 17,466 | 16,033                      | 4,499 | 11,016 | 234   | 276     | 3       | 4        |
| 1970.....     | 57,093                            | 39,639                               | 6,281 | 2,310            | 136 | 3,161 | 9,170  | 18,581 | 17,454                      | 4,896 | 12,084 | 215   | 252     | 3       | 4        |
| 1971.....     | 61,068                            | 41,831                               | 6,775 | 2,408            | 135 | 3,273 | 9,348  | 19,893 | 19,237                      | 5,377 | 13,414 | 203   | 237     | 2       | 4        |
| 1972—Dec..... | 66,516                            | 45,105                               | 7,287 | 2,523            | 135 | 3,449 | 9,827  | 21,883 | 21,411                      | 5,868 | 15,118 | 193   | 225     | 2       | 4        |
| 1973—Jan..... | 64,312                            | 43,133                               | 7,274 | 2,380            | 135 | 3,218 | 9,243  | 20,883 | 21,179                      | 5,742 | 15,013 | 192   | 224     | 2       | 4        |
| Feb.....      | 64,696                            | 43,431                               | 7,290 | 2,370            | 135 | 3,213 | 9,330  | 21,091 | 21,266                      | 5,755 | 15,089 | 192   | 224     | 2       | 4        |
| Mar.....      | 65,180                            | 43,699                               | 7,320 | 2,368            | 135 | 3,209 | 9,352  | 21,314 | 21,482                      | 5,787 | 15,274 | 191   | 223     | 2       | 4        |
| Apr.....      | 66,094                            | 44,313                               | 7,382 | 2,406            | 135 | 3,234 | 9,447  | 21,707 | 21,781                      | 5,887 | 15,476 | 190   | 222     | 2       | 4        |
| May.....      | 67,161                            | 45,074                               | 7,446 | 2,439            | 135 | 3,302 | 9,613  | 22,138 | 22,088                      | 5,974 | 15,697 | 189   | 221     | 2       | 4        |
| June.....     | 67,771                            | 45,428                               | 7,498 | 2,433            | 135 | 3,309 | 9,648  | 22,405 | 22,343                      | 6,024 | 15,903 | 189   | 220     | 2       | 4        |
| July.....     | 68,223                            | 45,564                               | 7,542 | 2,440            | 135 | 3,301 | 9,602  | 22,544 | 22,659                      | 6,116 | 16,130 | 188   | 219     | 2       | 4        |
| Aug.....      | 68,376                            | 45,553                               | 7,577 | 2,430            | 135 | 3,288 | 9,566  | 22,557 | 22,822                      | 6,149 | 16,261 | 188   | 219     | 2       | 4        |
| Sept.....     | 68,217                            | 45,398                               | 7,597 | 2,435            | 135 | 3,288 | 9,505  | 22,437 | 22,819                      | 6,112 | 16,296 | 187   | 218     | 2       | 4        |
| Oct.....      | 69,043                            | 45,927                               | 7,644 | 2,480            | 135 | 3,333 | 9,616  | 22,718 | 23,116                      | 6,182 | 16,524 | 186   | 217     | 2       | 4        |
| Nov.....      | 70,296                            | 46,799                               | 7,696 | 2,528            | 135 | 3,418 | 9,819  | 23,204 | 23,497                      | 6,290 | 16,799 | 186   | 217     | 2       | 4        |
| Dec.....      | 72,497                            | 48,288                               | 7,759 | 2,639            | 135 | 3,614 | 10,226 | 23,915 | 24,210                      | 6,514 | 17,288 | 185   | 216     | 2       | 4        |

<sup>1</sup> Outside Treasury and F.R. Banks. Before 1955 details are slightly overstated because they include small amounts of paper currency held by the Treasury and the F.R. Banks for which a denominational breakdown is not available.

<sup>2</sup> Paper currency only; \$1 silver coins reported under coin.

NOTE.—Condensed from Statement of United States Currency and Coin, issued by the Treasury.

**KINDS OF UNITED STATES CURRENCY OUTSTANDING AND IN CIRCULATION**

(Condensed from Circulation Statement of United States Money, issued by Treasury Department. In millions of dollars)

| Kind of currency                            | Total outstanding, Dec. 31, 1973 | Held in the Treasury                  |               |                           | Held by F.R. Banks and Agents | Currency in circulation <sup>1</sup> |         |         |
|---|----------------------------------|---------------------------------------|---------------|---------------------------|-------------------------------|--------------------------------------|---------|---------|
|   |                                  | As security against gold certificates | Treasury cash | For F.R. Banks and Agents |                               | 1973                                 |         | 1972    |
|   |                                  |                                       |               |                           |                               | Dec. 31                              | Nov. 30 | Dec. 31 |
| Gold.....                                   | 11,567                           | (11,460)                              | 107           | .....                     | .....                         | .....                                | .....   |         |
| Gold certificates.....                      | (11,460)                         | .....                                 | .....         | 2 11,459                  | .....                         | .....                                | .....   |         |
| Federal Reserve notes.....                  | 68,161                           | .....                                 | 134           | .....                     | 3,897                         | 64,130                               | 61,991  | 58,619  |
| Treasury currency—Total.....                | 8,716                            | .....                                 | 77            | .....                     | 271                           | 8,368                                | 8,305   | 7,897   |
| Dollars.....                                | 767                              | .....                                 | 7             | .....                     | 27                            | 733                                  | 727     | 671     |
| Fractional coin.....                        | 7,338                            | .....                                 | 69            | .....                     | 243                           | 7,026                                | 6,969   | 6,615   |
| United States notes.....                    | 323                              | .....                                 | 1             | .....                     | .....                         | 321                                  | 321     | 320     |
| In process of retirement <sup>3</sup> ..... | 288                              | .....                                 | .....         | .....                     | .....                         | 288                                  | 288     | 291     |
| Total—Dec. 31, 1973.....                    | 488,443                          | (11,460)                              | 317           | 11,459                    | 4,170                         | 72,497                               | .....   | .....   |
| Nov. 30, 1973.....                          | 486,481                          | (11,460)                              | 317           | 11,459                    | 4,408                         | .....                                | 70,296  | .....   |
| Dec. 31, 1972.....                          | 481,214                          | (10,303)                              | 345           | 10,302                    | 4,050                         | .....                                | .....   | 66,516  |

<sup>1</sup> Outside Treasury and F.R. Banks. Includes any paper currency held outside the United States and currency and coin held by banks. Estimated totals for Wed. dates shown in table on p. A-5.

<sup>2</sup> Consists of credits payable in gold certificates, the Gold Certificate Fund—Board of Governors, FRS.

<sup>3</sup> Redeemable from the general fund of the Treasury.

<sup>4</sup> Does not include all items shown, as gold certificates are secured by gold. Duplications are shown in parentheses.

NOTE.—Prepared from Statement of United States Currency and Coin and other data furnished by the Treasury. For explanation of currency reserves and security features, see the Circulation Statement or the Aug. 1961 BULLETIN, p. 936.



**MEASURES OF THE MONEY STOCK**

(In billions of dollars)

| Month or week   | Seasonally adjusted |                |                | Not seasonally adjusted |                |                |
|---|---------------------|----------------|----------------|-------------------------|----------------|----------------|
|   | M <sub>1</sub>      | M <sub>2</sub> | M <sub>3</sub> | M <sub>1</sub>          | M <sub>2</sub> | M <sub>3</sub> |
| Composition of measures is described in the NOTE below. |                     |                |                |                         |                |                |
| 1970—Dec. r.  | 221.2               | 425.2          | 641.2          | 227.6                   | 429.9          | 645.5          |
| 1971—Dec. r.  | 235.2               | 473.0          | 726.9          | 241.9                   | 477.9          | 731.2          |
| 1972—Dec. r.  | 255.7               | 525.5          | 822.4          | 263.0                   | 530.6          | 826.6          |
| 1973—Feb.   | 257.9               | 532.3          | 836.7          | 255.2                   | 529.8          | 833.6          |
| Mar.  | 258.1               | 534.6          | 841.7          | 255.5                   | 534.0          | 841.5          |
| April   | 259.4               | 538.3          | 847.7          | 260.9                   | 542.3          | 852.6          |
| May   | 262.4               | 543.6          | 855.0          | 257.9                   | 541.7          | 853.6          |
| June  | 265.5               | 549.4          | 863.5          | 263.6                   | 548.8          | 864.0          |
| July  | 266.4               | 552.0          | 867.9          | 265.7                   | 551.0          | 868.0          |
| Aug.  | 266.2               | 554.9          | 870.9          | 262.9                   | 551.1          | 867.0          |
| Sept.   | 265.4               | 556.6          | 873.2          | 263.9                   | 554.2          | 870.4          |
| Oct.  | 266.5               | 561.6          | 879.8          | 266.0                   | 559.9          | 877.5          |
| Nov.  | 268.8               | 566.7          | 886.9          | 270.5                   | 565.1          | 884.0          |
| Dec.  | 270.4               | 570.7          | 893.2          | 278.1                   | 575.8          | 897.5          |
| 1974—Jan.   | 269.7               | 573.8          | 898.2          | 276.9                   | 579.8          | 904.6          |
| Week ending—  |                     |                |                |                         |                |                |
| 1974—Jan. 2   | 270.3               | 572.5          | .....          | 284.5                   | 584.9          | .....          |
| 9   | 269.5               | 572.0          | .....          | 282.3                   | 583.3          | .....          |
| 16  | 270.0               | 573.7          | .....          | 280.0                   | 582.4          | .....          |
| 23 <sup>a</sup>   | 269.0               | 573.8          | .....          | 273.8                   | 577.5          | .....          |
| 30 <sup>a</sup>   | 268.5               | 573.8          | .....          | 269.0                   | 573.7          | .....          |

NOTE.—Composition of the money stock measures is as follows:

M<sub>1</sub>: Averages of daily figures for (1) demand deposits of commercial banks other than domestic interbank and U.S. Govt., less cash items in process of collection and F.R. float; (2) foreign demand balances at F.R. Banks; and (3) currency outside the Treasury, F.R. Banks, and vaults of commercial banks.

M<sub>2</sub>: Averages of daily figures for M<sub>1</sub> plus savings deposits, time de-

posits open account, and time certificates other than negotiable CD's of \$100,000 of large weekly reporting banks.

M<sub>3</sub>: M<sub>2</sub> plus the average of the beginning- and end-of-month figures for deposits of mutual savings banks and for savings capital of savings and loan associations.

For description and back data, see "Revision of the Money Stock Measures and Member Bank Deposits" on pp. 81-95 of this BULLETIN.

**COMPONENTS OF MONEY STOCK MEASURES AND RELATED ITEMS**

(In billions of dollars)

| Month or week            | Seasonally adjusted |                              |                              |       |  | Not seasonally adjusted |                              |                              |                   |  | U.S. Govt. deposits <sup>3</sup> |       |       |
|--------------------------|---------------------|------------------------------|------------------------------|-------|--|-------------------------|------------------------------|------------------------------|-------------------|--|----------------------------------|-------|-------|
|                          | Curren-<br>cy       | Commercial banks             |                              |       | Non-<br>bank<br>thrift<br>insti-<br>tutions <sup>2</sup> | Curren-<br>cy           | Commercial banks             |                              |                   | Non-<br>bank<br>thrift<br>insti-<br>tutions <sup>2</sup> |                                  |       |       |
|                          |                     | De-<br>mand<br>depos-<br>its | Time and savings<br>deposits |       |  |                         | De-<br>mand<br>depos-<br>its | Time and savings<br>deposits |                   |  |                                  |       |       |
|                          |                     |                              | CD's <sup>1</sup>            | Other |  |                         |                              | Total                        | CD's <sup>1</sup> |  |                                  | Other | Total |
| 1970—Dec. r.             | 49.1                | 172.2                        | 25.3                         | 203.9 | 229.2  | 216.1                   | 50.0                         | 177.7                        | 25.8              | 202.3  | 228.1                            | 215.6 | 7.3   |
| 1971—Dec. r.             | 52.6                | 182.6                        | 33.0                         | 237.9 | 270.9  | 253.9                   | 53.5                         | 188.4                        | 33.8              | 236.0  | 269.8                            | 253.3 | 6.9   |
| 1972—Dec. r.             | 56.9                | 198.7                        | 43.4                         | 269.9 | 313.3  | 296.9                   | 57.9                         | 205.1                        | 44.3              | 267.6  | 311.8                            | 296.0 | 7.4   |
| 1973—Feb.                | 57.5                | 200.4                        | 49.1                         | 274.4 | 323.5  | 304.4                   | 56.8                         | 198.4                        | 48.6              | 274.6  | 323.3                            | 303.8 | 9.9   |
| Mar.                     | 58.0                | 200.1                        | 54.6                         | 276.6 | 331.1  | 307.0                   | 57.4                         | 198.1                        | 54.0              | 278.5  | 332.6                            | 307.4 | 10.4  |
| Apr.                     | 58.6                | 200.8                        | 58.4                         | 278.9 | 337.3  | 309.4                   | 58.3                         | 202.6                        | 56.1              | 281.4  | 337.6                            | 310.3 | 8.3   |
| May                      | 58.9                | 203.4                        | 61.3                         | 281.3 | 342.6  | 311.4                   | 58.7                         | 199.2                        | 58.8              | 283.8  | 342.6                            | 312.0 | 8.7   |
| June                     | 59.4                | 206.2                        | 62.0                         | 283.8 | 345.8  | 314.2                   | 59.4                         | 204.1                        | 59.3              | 285.2  | 344.5                            | 315.3 | 7.1   |
| July                     | 59.5                | 207.0                        | 63.9                         | 285.6 | 349.4  | 315.9                   | 59.9                         | 205.7                        | 62.3              | 285.3  | 347.6                            | 317.0 | 6.5   |
| Aug.                     | 59.8                | 206.4                        | 66.3                         | 288.7 | 355.0  | 315.9                   | 60.0                         | 202.9                        | 68.4              | 288.2  | 356.6                            | 315.9 | 4.1   |
| Sept.                    | 60.2                | 205.2                        | 66.7                         | 291.2 | 357.9  | 316.6                   | 60.1                         | 203.8                        | 68.8              | 290.3  | 359.2                            | 316.1 | 5.3   |
| Oct.                     | 60.4                | 206.1                        | 63.8                         | 295.1 | 358.9  | 318.3                   | 60.4                         | 205.6                        | 66.3              | 293.9  | 360.2                            | 317.6 | 6.0   |
| Nov.                     | 60.9                | 207.9                        | 62.0                         | 297.8 | 359.9  | 320.2                   | 61.4                         | 209.1                        | 64.1              | 294.6  | 358.7                            | 318.9 | 4.3   |
| Dec.                     | 61.6                | 208.8                        | 62.8                         | 300.3 | 363.1  | 322.5                   | 62.6                         | 215.5                        | 64.1              | 297.7  | 361.8                            | 321.7 | 6.3   |
| 1974—Jan.                | 61.8                | 207.9                        | 65.5                         | 304.1 | 369.6  | 324.4                   | 61.5                         | 215.3                        | 66.1              | 302.9  | 369.0                            | 324.9 | 8.0   |
| Week ending --           |                     |                              |                              |       |  |                         |                              |                              |                   |  |                                  |       |       |
| 1974—Jan. 2 <sup>a</sup> | 61.5                | 208.8                        | 64.3                         | 302.2 | 366.5  | .....                   | 61.9                         | 222.5                        | 64.6              | 300.5  | 365.1                            | ..... | 10.0  |
| 9                        | 61.7                | 207.8                        | 64.8                         | 302.5 | 367.3  | .....                   | 62.3                         | 220.0                        | 65.6              | 301.0  | 366.6                            | ..... | 8.5   |
| 16                       | 61.8                | 208.2                        | 64.7                         | 303.7 | 368.4  | .....                   | 61.8                         | 218.2                        | 65.6              | 302.4  | 368.0                            | ..... | 6.2   |
| 23 <sup>a</sup>          | 62.0                | 207.0                        | 65.8                         | 304.8 | 370.6  | .....                   | 61.3                         | 212.5                        | 66.5              | 303.7  | 370.2                            | ..... | 7.4   |
| 30 <sup>a</sup>          | 61.9                | 206.6                        | 67.0                         | 305.3 | 372.3  | .....                   | 60.7                         | 208.3                        | 66.9              | 304.7  | 371.6                            | ..... | 9.1   |

<sup>1</sup> Negotiable time certificates of deposit issued in denominations of \$100,000 or more by large weekly reporting commercial banks.

<sup>2</sup> Average of the beginning and end-of-month figures for deposits of mutual savings banks and savings capital at savings and loan associations.

<sup>3</sup> At all commercial banks.

See also NOTE above.









PRINCIPAL ASSETS AND LIABILITIES AND NUMBER, BY CLASS OF BANK—Continued

(Amounts in millions of dollars)

| Classification by<br>FRS membership<br>and FDIC<br>insurance | Loans and investments |                    |                       |                    |                             | Total<br>assets—<br>Total<br>liabilities<br>and<br>capital<br>accounts <sup>4</sup> | Deposits           |                        |      |               |        | Bor-<br>row-<br>ings | Total<br>capital<br>ac-<br>counts | Num-<br>ber<br>of<br>banks |                   |
|--|-----------------------|--------------------|-----------------------|--------------------|-----------------------------|---|--------------------|------------------------|------|---------------|--------|----------------------|-----------------------------------|----------------------------|-------------------|
|  | Total                 | Loans <sup>1</sup> | Securities            |                    | Cash<br>assets <sup>3</sup> |   | Total <sup>3</sup> | Interbank <sup>3</sup> |      | Other         |        |                      |                                   |                            |                   |
|  |                       |                    | U.S.<br>Treas-<br>ury | Other <sup>2</sup> |                             |   |                    | De-<br>mand            | Time | Demand        |        |                      |                                   |                            | Time <sup>5</sup> |
|  |                       |                    |                       |                    |                             |   |                    |                        |      | U.S.<br>Govt. | Other  |                      |                                   |                            |                   |
| <b>Noninsured nonmember:</b>                                 |                       |                    |                       |                    |                             |   |                    |                        |      |               |        |                      |                                   |                            |                   |
| 1941—Dec. 31.....  | 1,457                 | 455                | 761                   | 241                | 763                         | 2,283   | 1,872              | 329                    |      | 1,291         |        | 253                  | 13                                | 329                        | 852               |
| 1945—Dec. 31.....  | 2,211                 | 318                | 1,693                 | 200                | 514                         | 2,768   | 2,452              | 181                    |      | 1,905         |        | 365                  | 4                                 | 279                        | 714               |
| 1947—Dec. 31 <sup>6</sup> .....                              | 2,009                 | 474                | 1,280                 | 255                | 576                         | 2,643   | 2,251              | 177                    | 185  | 18            | 1,392  | 478                  | 4                                 | 325                        | 783               |
| 1963—Dec. 20.....  | 1,571                 | 745                | 463                   | 362                | 374                         | 2,029   | 1,463              | 190                    | 83   | 17            | 832    | 341                  | 93                                | 389                        | 285               |
| 1964—Dec. 31.....  | 2,312                 | 1,355              | 483                   | 474                | 578                         | 3,033   | 2,057              | 273                    | 86   | 23            | 1,141  | 534                  | 99                                | 406                        | 274               |
| 1965—Dec. 31.....  | 2,455                 | 1,549              | 418                   | 489                | 572                         | 3,200   | 2,113              | 277                    | 85   | 17            | 1,121  | 612                  | 147                               | 434                        | 263               |
| 1967—Dec. 30.....  | 2,638                 | 1,735              | 370                   | 533                | 579                         | 3,404   | 2,172              | 285                    | 58   | 15            | 1,081  | 733                  | 246                               | 457                        | 211               |
| 1968—Dec. 31.....  | 2,901                 | 1,875              | 429                   | 597                | 691                         | 3,789   | 2,519              | 319                    | 56   | 10            | 1,366  | 767                  | 224                               | 464                        | 197               |
| 1969—June 30 <sup>7</sup> .....                              | 2,809                 | 1,800              | 321                   | 688                | 898                         | 3,942   | 2,556              | 298                    | 81   | 15            | 1,430  | 731                  | 290                               | 502                        | 209               |
| Dec. 31.....   | 2,982                 | 2,041              | 310                   | 632                | 895                         | 4,198   | 2,570              | 316                    | 41   | 16            | 1,559  | 638                  | 336                               | 528                        | 197               |
| 1971—Dec. 31.....  | 3,147                 | 2,224              | 239                   | 684                | 1,551                       | 5,130   | 2,923              | 380                    | 116  | 19            | 1,273  | 1,134                | 283                               | 480                        | 181               |
| 1972—Dec. 31.....  | 4,865                 | 3,731              | 349                   | 785                | 1,794                       | 7,073   | 3,775              | 488                    | 81   | 55            | 1,530  | 1,620                | 527                               | 491                        | 206               |
| 1973—June 30.....  | 5,915                 | 4,732              | 345                   | 838                | 1,892                       | 8,196   | 4,438              | 488                    | 145  | 26            | 1,779  | 2,000                | 885                               | 500                        | 204               |
| <b>Total nonmember:</b>                                      |                       |                    |                       |                    |                             |   |                    |                        |      |               |        |                      |                                   |                            |                   |
| 1941—Dec. 31.....  | 7,233                 | 3,696              | 2,270                 | 1,266              | 3,431                       | 10,992  | 9,573              | 457                    |      | 5,504         |        | 3,613                | 18                                | 1,288                      | 7,662             |
| 1945—Dec. 31.....  | 16,849                | 3,310              | 12,277                | 1,262              | 4,962                       | 22,024  | 20,571             | 425                    |      | 14,101        |        | 6,045                | 11                                | 1,362                      | 7,130             |
| 1947—Dec. 31.....  | 18,454                | 5,432              | 11,318                | 1,703              | 4,659                       | 23,334  | 21,591             | 439                    | 190  | 167           | 13,758 | 7,036                | 12                                | 1,596                      | 7,261             |
| 1963—Dec. 20.....  | 44,035                | 24,295             | 13,854                | 5,885              | 6,316                       | 51,304  | 45,743             | 749                    | 144  | 743           | 23,972 | 20,134               | 165                               | 4,623                      | 7,458             |
| 1964—Dec. 31.....  | 48,879                | 27,899             | 14,273                | 6,707              | 7,752                       | 57,780  | 51,447             | 931                    | 156  | 672           | 26,645 | 23,043               | 198                               | 4,894                      | 7,536             |
| 1965—Dec. 31.....  | 54,483                | 31,858             | 14,555                | 8,070              | 8,085                       | 63,879  | 56,919             | 972                    | 168  | 635           | 28,649 | 26,495               | 238                               | 5,345                      | 7,583             |
| 1967—Dec. 30.....  | 67,087                | 39,409             | 15,516                | 12,162             | 8,983                       | 77,732  | 69,279             | 1,071                  | 147  | 603           | 32,085 | 35,372               | 408                               | 6,286                      | 7,651             |
| 1968—Dec. 31.....  | 76,454                | 45,253             | 16,585                | 14,617             | 9,997                       | 88,394  | 78,887             | 1,227                  | 150  | 701           | 35,981 | 40,827               | 441                               | 6,945                      | 7,701             |
| 1969—June 30 <sup>7</sup> .....                              | 80,841                | 50,159             | 14,662                | 16,021             | 9,594                       | 92,743  | 81,166             | 1,090                  | 160  | 765           | 35,500 | 43,652               | 741                               | 7,506                      | 7,737             |
| Dec. 31.....   | 85,115                | 53,683             | 14,875                | 16,556             | 10,950                      | 98,651  | 85,949             | 1,333                  | 126  | 940           | 39,120 | 44,430               | 965                               | 7,931                      | 7,792             |
| 1971—Dec. 31.....  | 111,674               | 69,411             | 17,297                | 24,966             | 13,643                      | 129,100   | 112,764            | 1,592                  | 359  | 1,742         | 45,990 | 63,081               | 866                               | 9,932                      | 8,056             |
| 1972—Dec. 31.....  | 133,198               | 85,325             | 18,313                | 29,559             | 16,562                      | 154,085   | 134,091            | 1,895                  | 633  | 1,850         | 54,406 | 75,305               | 1,726                             | 11,429                     | 8,223             |
| 1973—June 30.....  | 145,386               | 96,036             | 16,797                | 32,554             | 15,381                      | 165,657   | 142,608            | 1,736                  | 712  | 2,267         | 54,514 | 83,379               | 2,770                             | 12,643                     | 8,341             |

<sup>1</sup> Beginning June 30, 1966, loans to farmers directly guaranteed by CCC were reclassified as securities, and Export-Import Bank portfolio fund participations were reclassified from loans to securities. This reduced "Total loans" and increased "Other securities" by about \$1 billion. "Total loans" include Federal funds sold, and beginning with June 1967 securities purchased under resale agreements, figures for which are included in "Federal funds sold, etc.," on p. A-22.

Beginning June 30, 1971, Farmers Home Administration notes are classified as "Other securities" rather than "Loans." As a result of this change, approximately \$300 million was transferred to "Other securities" for the period ending June 30, 1971, for all commercial banks.

See also table (and notes) at the bottom of p. A-30.

<sup>2</sup> See first two paragraphs of note 1.

<sup>3</sup> Reciprocal balances excluded beginning with 1942.

<sup>4</sup> Includes items not shown separately. See also note 1.

<sup>5</sup> See third paragraph of note 1 above.

<sup>6</sup> Beginning with Dec. 31, 1947, the series was revised; for description, see note 4, p. 587, May 1964 BULLETIN.

<sup>7</sup> Figure takes into account the following changes beginning June 30, 1969: (1) inclusion of consolidated reports (including figures for all bank-premises subsidiaries and other significant majority-owned domestic subsidiaries) and (2) reporting of figures for total loans and for individual categories of securities on a gross basis—that is, before deduction of valuation reserves—rather than net as previously reported.

<sup>8</sup> Beginning Nov. 9, 1972, designation of banks as reserve city banks for reserve-requirement purposes has been based on size of bank (net demand deposits of more than \$400 million), as described in the BULLETIN for July 1972, p. 626. Categories shown here as "Large" and "All other" parallel the previous "Reserve city" and "Country" categories, respectively (hence the series are continuous over time).

<sup>9</sup> Regarding reclassification as a reserve city, see Aug. 1962 BULLETIN, p. 993. For various changes between reserve city and country status in 1960-63, see note 6, p. 587, May 1964 BULLETIN. (See also note 8.)

<sup>10</sup> Beginning May 6, 1972, two New York City country banks, with deposits of \$1,412 million, merged and were reclassified as a reserve city bank. (See also note 8.)

NOTE.—Data are for all commercial banks in the United States (including Alaska and Hawaii, beginning with 1959). Commercial banks represent all commercial banks, both member and nonmember; stock savings banks; and nondeposit trust companies.

For the period June 1941-June 1962 member banks include mutual savings banks as follows: three before Jan. 1960, two through Dec. 1960, and one through June 1962. Those banks are not included in insured commercial banks.

Beginning June 30, 1969, commercial banks and member banks exclude a small national bank in the Virgin Islands; also, member banks exclude, and noninsured commercial banks include, through June 30, 1970, a small member bank engaged exclusively in trust business; beginning 1973, excludes one national bank in Puerto Rico.

Comparability of figures for classes of banks is affected somewhat by changes in F.R. membership, deposit insurance status, and the reserve classifications of cities and individual banks, and by mergers, etc.

Data for national banks for Dec. 31, 1965, have been adjusted to make them comparable with State bank data.

Figures are partly estimated except on call dates.

For revisions in series before June 30, 1947, see July 1947 BULLETIN, pp. 870-71.







ASSETS AND LIABILITIES OF LARGE COMMERCIAL BANKS

(In millions of dollars)

| Wednesday                    | Total loans and investments | Loans                                 |                     |                                   |                  |           |         |                           |              |                                       |             |                     |             |                                   |        |
|------------------------------|-----------------------------|---------------------------------------|---------------------|-----------------------------------|------------------|-----------|---------|---------------------------|--------------|---------------------------------------|-------------|---------------------|-------------|-----------------------------------|--------|
|                              |                             | Federal funds sold, etc. <sup>1</sup> |                     |                                   |                  |           |         | Other                     |              |                                       |             |                     |             |                                   |        |
|                              |                             | Total                                 | To commercial banks | To brokers and dealers involving— |                  | To others | Total   | Commercial and industrial | Agricultural | For purchasing or carrying securities |             |                     |             | To nonbank financial institutions |        |
|                              |                             |                                       |                     | U.S. Treasury securities          | Other securities |           |         |                           |              | U.S. Treasury secs.                   | Other secs. | U.S. Treasury secs. | Other secs. | Pers. and sales finan. cos., etc. | Other  |
| <i>Large banks—Total</i>     |                             |                                       |                     |                                   |                  |           |         |                           |              |                                       |             |                     |             |                                   |        |
| <i>1973</i>                  |                             |                                       |                     |                                   |                  |           |         |                           |              |                                       |             |                     |             |                                   |        |
| Jan. 3                       | 327,642                     | 15,144                                | 14,069              | 413                               | 376              | 286       | 227,352 | 91,468                    | 2,936        | 978                                   | 8,346       | 272                 | 2,939       | 7,700                             | 12,835 |
| 10                           | 323,132                     | 12,967                                | 11,628              | 625                               | 435              | 279       | 225,371 | 91,071                    | 2,948        | 1,184                                 | 7,922       | 302                 | 2,913       | 7,167                             | 12,625 |
| 17                           | 321,671                     | 12,011                                | 10,684              | 682                               | 466              | 179       | 225,398 | 91,422                    | 2,959        | 991                                   | 7,800       | 273                 | 2,923       | 7,359                             | 12,544 |
| 24                           | 319,256                     | 11,188                                | 10,134              | 615                               | 323              | 116       | 224,379 | 91,475                    | 2,975        | 722                                   | 7,454       | 248                 | 2,932       | 6,899                             | 12,443 |
| 31                           | 323,606                     | 12,098                                | 10,999              | 611                               | 296              | 192       | 227,165 | 92,332                    | 2,995        | 1,063                                 | 7,750       | 291                 | 2,903       | 7,214                             | 12,647 |
| Dec. 5                       | 363,957                     | 15,410                                | 13,770              | 1,127                             | 350              | 163       | 263,541 | 107,959                   | 3,419        | 760                                   | 5,340       | 144                 | 2,841       | 8,529                             | 17,187 |
| 12                           | 366,024                     | 13,951                                | 12,252              | 1,119                             | 411              | 169       | 265,410 | 108,222                   | 3,475        | 902                                   | 6,090       | 150                 | 2,840       | 8,464                             | 17,084 |
| 19                           | 368,702                     | 15,015                                | 13,614              | 819                               | 410              | 172       | 267,945 | 109,119                   | 3,477        | 1,020                                 | 5,572       | 148                 | 2,843       | 8,818                             | 17,612 |
| 26                           | 374,566                     | 18,248                                | 14,433              | 3,118                             | 509              | 188       | 270,633 | 109,821                   | 3,535        | 1,739                                 | 6,225       | 153                 | 2,825       | 8,950                             | 17,732 |
| <i>1974</i>                  |                             |                                       |                     |                                   |                  |           |         |                           |              |                                       |             |                     |             |                                   |        |
| Jan. 2 <sup>nd</sup>         | 379,673                     | 19,908                                | 18,026              | 969                               | 683              | 230       | 272,784 | 110,787                   | 3,671        | 819                                   | 5,666       | 155                 | 2,799       | 9,430                             | 18,645 |
| 9 <sup>th</sup>              | 373,631                     | 16,342                                | 13,899              | 1,911                             | 350              | 182       | 269,729 | 110,193                   | 3,695        | 1,491                                 | 5,158       | 158                 | 2,779       | 8,511                             | 18,020 |
| 16 <sup>th</sup>             | 372,283                     | 15,834                                | 14,027              | 1,105                             | 549              | 153       | 269,311 | 110,205                   | 3,689        | 847                                   | 5,183       | 150                 | 2,781       | 8,695                             | 18,187 |
| 23 <sup>rd</sup>             | 369,221                     | 13,981                                | 12,612              | 843                               | 352              | 174       | 268,005 | 109,632                   | 3,714        | 855                                   | 4,762       | 160                 | 2,779       | 8,354                             | 18,224 |
| 30 <sup>th</sup>             | 369,548                     | 15,634                                | 14,218              | 935                               | 303              | 178       | 266,873 | 109,448                   | 3,701        | 602                                   | 4,576       | 156                 | 2,767       | 8,113                             | 18,203 |
| <i>New York City</i>         |                             |                                       |                     |                                   |                  |           |         |                           |              |                                       |             |                     |             |                                   |        |
| <i>1973</i>                  |                             |                                       |                     |                                   |                  |           |         |                           |              |                                       |             |                     |             |                                   |        |
| Jan. 3                       | 68,644                      | 1,593                                 | 1,501               | 19                                | 73               | 52,618    | 26,053  | 48                        | 813          | 5,021                                 | 34          | 735                 | 2,247       | 3,553                             |        |
| 10                           | 67,305                      | 873                                   | 830                 | 4                                 | 33               | 51,951    | 26,078  | 49                        | 1,016        | 4,836                                 | 45          | 705                 | 1,988       | 3,557                             |        |
| 17                           | 67,266                      | 934                                   | 893                 | 6                                 | 29               | 52,017    | 26,142  | 51                        | 835          | 4,703                                 | 29          | 702                 | 2,217       | 3,609                             |        |
| 24                           | 66,654                      | 1,174                                 | 1,161               | 9                                 | 34               | 51,291    | 26,247  | 55                        | 600          | 4,434                                 | 33          | 692                 | 1,922       | 3,580                             |        |
| 31                           | 68,430                      | 1,012                                 | 972                 | 34                                | 6                | 52,995    | 26,743  | 56                        | 913          | 4,687                                 | 53          | 683                 | 2,200       | 3,675                             |        |
| Dec. 5                       | 79,386                      | 1,439                                 | 1,398               | 40                                | 1                | 62,091    | 31,084  | 111                       | 671          | 3,077                                 | 30          | 647                 | 2,801       | 5,969                             |        |
| 12                           | 80,632                      | 1,164                                 | 1,134               | 10                                | 20               | 62,795    | 30,928  | 125                       | 764          | 3,776                                 | 41          | 638                 | 2,763       | 5,872                             |        |
| 19                           | 81,081                      | 1,354                                 | 1,323               | 10                                | 21               | 63,530    | 31,238  | 127                       | 901          | 3,250                                 | 40          | 647                 | 2,929       | 6,086                             |        |
| 26                           | 83,249                      | 2,213                                 | 2,163               | 50                                | .....            | 64,990    | 31,439  | 131                       | 1,598        | 3,890                                 | 41          | 633                 | 2,918       | 6,107                             |        |
| <i>1974</i>                  |                             |                                       |                     |                                   |                  |           |         |                           |              |                                       |             |                     |             |                                   |        |
| Jan. 2 <sup>nd</sup>         | 82,400                      | 1,786                                 | 1,756               | 5                                 | 25               | 64,563    | 31,740  | 128                       | 672          | 3,362                                 | 44          | 629                 | 3,102       | 6,402                             |        |
| 9 <sup>th</sup>              | 81,204                      | 1,092                                 | 1,087               | 5                                 | .....            | 63,666    | 31,647  | 133                       | 1,304        | 3,066                                 | 42          | 626                 | 2,708       | 6,212                             |        |
| 16 <sup>th</sup>             | 80,482                      | 1,346                                 | 1,334               | 5                                 | 7                | 63,113    | 31,639  | 136                       | 719          | 3,088                                 | 33          | 632                 | 2,860       | 6,198                             |        |
| 23 <sup>rd</sup>             | 79,841                      | 1,372                                 | 1,342               | 26                                | 4                | 62,410    | 31,352  | 151                       | 725          | 2,895                                 | 44          | 623                 | 2,685       | 6,134                             |        |
| 30 <sup>th</sup>             | 79,049                      | 1,707                                 | 1,630               | 76                                | 1                | 61,751    | 31,438  | 150                       | 513          | 2,710                                 | 43          | 622                 | 2,610       | 6,236                             |        |
| <i>Outside New York City</i> |                             |                                       |                     |                                   |                  |           |         |                           |              |                                       |             |                     |             |                                   |        |
| <i>1973</i>                  |                             |                                       |                     |                                   |                  |           |         |                           |              |                                       |             |                     |             |                                   |        |
| Jan. 3                       | 258,998                     | 13,551                                | 12,568              | 394                               | 376              | 213       | 174,734 | 65,415                    | 2,888        | 165                                   | 3,325       | 238                 | 2,204       | 5,453                             | 9,282  |
| 10                           | 255,827                     | 12,094                                | 10,798              | 621                               | 402              | 273       | 173,420 | 64,993                    | 2,899        | 168                                   | 3,086       | 257                 | 2,208       | 5,179                             | 9,068  |
| 17                           | 254,405                     | 11,077                                | 9,791               | 676                               | 437              | 173       | 173,381 | 65,280                    | 2,908        | 156                                   | 3,097       | 244                 | 2,221       | 5,142                             | 8,935  |
| 24                           | 252,602                     | 10,014                                | 8,973               | 606                               | 323              | 112       | 173,088 | 65,228                    | 2,920        | 122                                   | 3,020       | 215                 | 2,240       | 4,977                             | 8,863  |
| 31                           | 255,176                     | 11,086                                | 10,027              | 577                               | 296              | 186       | 174,170 | 65,529                    | 2,939        | 150                                   | 3,063       | 238                 | 2,220       | 5,014                             | 8,972  |
| Dec. 5                       | 284,571                     | 13,971                                | 12,372              | 1,087                             | 350              | 162       | 201,450 | 76,875                    | 3,308        | 89                                    | 2,263       | 114                 | 2,194       | 5,728                             | 11,218 |
| 12                           | 285,392                     | 12,787                                | 11,118              | 1,109                             | 411              | 149       | 202,615 | 77,294                    | 3,350        | 138                                   | 2,314       | 109                 | 2,202       | 5,701                             | 11,212 |
| 19                           | 287,621                     | 13,661                                | 12,291              | 809                               | 410              | 151       | 204,415 | 77,881                    | 3,350        | 119                                   | 2,322       | 108                 | 2,196       | 5,889                             | 11,526 |
| 26                           | 291,317                     | 16,035                                | 12,270              | 3,068                             | 509              | 188       | 205,643 | 78,382                    | 3,404        | 141                                   | 2,335       | 112                 | 2,192       | 6,032                             | 11,625 |
| <i>1974</i>                  |                             |                                       |                     |                                   |                  |           |         |                           |              |                                       |             |                     |             |                                   |        |
| Jan. 2 <sup>nd</sup>         | 297,273                     | 18,122                                | 16,270              | 964                               | 683              | 205       | 208,221 | 79,047                    | 3,543        | 147                                   | 2,304       | 111                 | 2,170       | 6,328                             | 12,243 |
| 9 <sup>th</sup>              | 292,427                     | 15,250                                | 12,812              | 1,906                             | 350              | 182       | 206,063 | 78,546                    | 3,562        | 187                                   | 2,092       | 116                 | 2,153       | 5,803                             | 11,808 |
| 16 <sup>th</sup>             | 291,801                     | 14,488                                | 12,693              | 1,100                             | 549              | 146       | 206,198 | 78,566                    | 3,553        | 128                                   | 2,095       | 117                 | 2,149       | 5,835                             | 11,989 |
| 23 <sup>rd</sup>             | 289,380                     | 12,609                                | 11,270              | 817                               | 352              | 170       | 205,595 | 78,280                    | 3,563        | 130                                   | 1,867       | 116                 | 2,156       | 5,669                             | 12,090 |
| 30 <sup>th</sup>             | 290,499                     | 13,927                                | 12,588              | 859                               | 303              | 177       | 205,122 | 78,010                    | 3,551        | 89                                    | 1,866       | 113                 | 2,145       | 5,503                             | 11,967 |

For notes see p. A-28.

ASSETS AND LIABILITIES OF LARGE COMMERCIAL BANKS—Continued

(In millions of dollars)

| Loans (cont.)                |                     |         |                     |                             |           | Investments              |       |              |                           |             |              | Wednesday |       |                 |
|------------------------------|---------------------|---------|---------------------|-----------------------------|-----------|--------------------------|-------|--------------|---------------------------|-------------|--------------|-----------|-------|-----------------|
| Other (cont.)                |                     |         |                     |                             |           | U.S. Treasury securities |       |              |                           |             |              |           |       |                 |
| Real estate                  | To commercial banks |         | Consumer instalment | Foreign govts. <sup>2</sup> | All other | Total                    | Bills | Certificates | Notes and bonds maturing— |             |              |           |       |                 |
|                              | Domestic            | Foreign |                     |                             |           |                          |       |              | Within 1 yr.              | 1 to 5 yrs. | After 5 yrs. |           |       |                 |
| <i>Large banks—Total</i>     |                     |         |                     |                             |           |                          |       |              |                           |             |              |           |       |                 |
| 1973                         |                     |         |                     |                             |           |                          |       |              |                           |             |              |           |       |                 |
| 45,984                       | 2,411               | 3,267   | 28,135              | 1,155                       | 18,926    | 29,133                   | 6,586 |              | 4,472                     | 15,535      | 2,540        | Jan.      | 3     |                 |
| 46,110                       | 2,429               | 3,196   | 28,123              | 1,148                       | 18,233    | 28,939                   | 6,390 |              | 4,565                     | 15,441      | 2,543        | .....     | 10    |                 |
| 46,236                       | 2,333               | 3,053   | 28,114              | 1,150                       | 18,241    | 28,912                   | 6,434 |              | 4,593                     | 15,326      | 2,559        | .....     | 17    |                 |
| 46,338                       | 2,315               | 3,047   | 28,170              | 1,179                       | 18,182    | 28,469                   | 6,183 |              | 4,546                     | 15,155      | 2,585        | .....     | 24    |                 |
| 46,464                       | 2,681               | 3,172   | 28,270              | 1,187                       | 18,196    | 28,926                   | 6,515 |              | 4,674                     | 15,132      | 2,605        | .....     | 31    |                 |
| 54,473                       | 3,987               | 4,678   | 32,591              | 1,427                       | 20,206    | 25,974                   | 6,076 |              | 4,033                     | 12,491      | 3,374        | .....     | 5     |                 |
| 54,723                       | 3,992               | 4,883   | 32,698              | 1,538                       | 20,349    | 26,201                   | 6,452 |              | 4,174                     | 12,216      | 3,359        | .....     | 12    |                 |
| 54,894                       | 4,021               | 5,099   | 32,838              | 1,589                       | 20,895    | 25,441                   | 5,764 |              | 4,013                     | 12,199      | 3,465        | .....     | 19    |                 |
| 54,933                       | 4,022               | 5,166   | 32,942              | 1,580                       | 21,010    | 25,527                   | 5,779 |              | 4,109                     | 12,228      | 3,411        | .....     | 26    |                 |
| 1974                         |                     |         |                     |                             |           |                          |       |              |                           |             |              |           |       |                 |
| 55,181                       | 3,996               | 5,094   | 33,168              | 1,590                       | 21,783    | 25,460                   | 5,528 |              | 4,411                     | 12,068      | 3,453        | .....     | Jan.  | 6 <sup>a</sup>  |
| 55,193                       | 4,180               | 5,018   | 33,127              | 1,534                       | 20,672    | 25,954                   | 5,911 |              | 4,577                     | 11,973      | 3,493        | .....     | ..... | 9 <sup>a</sup>  |
| 55,483                       | 3,983               | 4,940   | 33,149              | 1,483                       | 20,536    | 26,071                   | 6,265 |              | 4,650                     | 11,741      | 3,415        | .....     | ..... | 13 <sup>a</sup> |
| 55,554                       | 3,983               | 4,823   | 33,130              | 1,524                       | 20,511    | 26,230                   | 6,374 |              | 4,684                     | 11,765      | 3,407        | .....     | ..... | 22 <sup>a</sup> |
| 55,618                       | 3,820               | 4,663   | 33,169              | 1,577                       | 20,460    | 25,807                   | 6,006 |              | 4,673                     | 11,741      | 3,387        | .....     | ..... | 30 <sup>a</sup> |
| <i>New York City</i>         |                     |         |                     |                             |           |                          |       |              |                           |             |              |           |       |                 |
| 1973                         |                     |         |                     |                             |           |                          |       |              |                           |             |              |           |       |                 |
| 5,015                        | 582                 | 1,576   | 2,133               | 722                         | 4,086     | 4,701                    | 1,260 |              | 704                       | 2,560       | 177          | .....     | Jan.  | 3               |
| 5,032                        | 539                 | 1,561   | 2,127               | 729                         | 3,689     | 4,915                    | 1,473 |              | 724                       | 2,589       | 129          | .....     | ..... | 10              |
| 5,042                        | 513                 | 1,513   | 2,130               | 735                         | 3,796     | 4,960                    | 1,592 |              | 729                       | 2,480       | 159          | .....     | ..... | 17              |
| 5,069                        | 484                 | 1,515   | 2,140               | 749                         | 3,771     | 4,940                    | 1,545 |              | 780                       | 2,389       | 226          | .....     | ..... | 24              |
| 5,096                        | 788                 | 1,561   | 2,151               | 733                         | 3,656     | 5,137                    | 1,669 |              | 789                       | 2,442       | 237          | .....     | ..... | 31              |
| 6,287                        | 1,698               | 2,085   | 2,446               | 701                         | 4,484     | 5,869                    | 2,162 |              | 783                       | 1,769       | 1,155        | .....     | Dec.  | 5               |
| 6,332                        | 1,667               | 2,188   | 2,449               | 763                         | 4,489     | 6,081                    | 2,489 |              | 712                       | 1,703       | 1,177        | .....     | ..... | 12              |
| 6,358                        | 1,735               | 2,304   | 2,466               | 768                         | 4,681     | 5,614                    | 2,120 |              | 615                       | 1,678       | 1,201        | .....     | ..... | 19              |
| 6,343                        | 1,705               | 2,359   | 2,480               | 762                         | 4,584     | 5,588                    | 2,095 |              | 565                       | 1,768       | 1,160        | .....     | ..... | 26              |
| 1974                         |                     |         |                     |                             |           |                          |       |              |                           |             |              |           |       |                 |
| 6,372                        | 1,673               | 2,163   | 2,491               | 744                         | 5,041     | 5,167                    | 1,682 |              | 614                       | 1,674       | 1,197        | .....     | Jan.  | 2 <sup>a</sup>  |
| 6,386                        | 1,626               | 2,195   | 2,495               | 742                         | 4,484     | 5,610                    | 2,083 |              | 663                       | 1,701       | 1,163        | .....     | ..... | 9 <sup>a</sup>  |
| 6,413                        | 1,540               | 2,137   | 2,497               | 734                         | 4,487     | 5,443                    | 2,157 |              | 656                       | 1,554       | 1,076        | .....     | ..... | 16 <sup>a</sup> |
| 6,393                        | 1,545               | 2,043   | 2,484               | 746                         | 4,590     | 5,713                    | 2,360 |              | 676                       | 1,576       | 1,101        | .....     | ..... | 23 <sup>a</sup> |
| 6,395                        | 1,425               | 1,906   | 2,485               | 842                         | 4,376     | 5,241                    | 2,016 |              | 616                       | 1,542       | 1,067        | .....     | ..... | 30 <sup>a</sup> |
| <i>Outside New York City</i> |                     |         |                     |                             |           |                          |       |              |                           |             |              |           |       |                 |
| 1973                         |                     |         |                     |                             |           |                          |       |              |                           |             |              |           |       |                 |
| 40,969                       | 1,829               | 1,691   | 26,002              | 433                         | 14,840    | 24,432                   | 5,326 |              | 3,768                     | 12,975      | 2,363        | .....     | Jan.  | 3               |
| 41,078                       | 1,890               | 1,635   | 25,996              | 419                         | 14,544    | 24,024                   | 4,917 |              | 3,841                     | 12,852      | 2,414        | .....     | ..... | 10              |
| 41,194                       | 1,820               | 1,540   | 25,984              | 415                         | 14,445    | 23,952                   | 4,842 |              | 3,864                     | 12,846      | 2,400        | .....     | ..... | 17              |
| 41,269                       | 1,831               | 1,532   | 26,030              | 430                         | 14,411    | 23,529                   | 4,638 |              | 3,766                     | 12,766      | 2,359        | .....     | ..... | 24              |
| 41,368                       | 1,893               | 1,611   | 26,119              | 454                         | 14,540    | 23,789                   | 4,846 |              | 3,885                     | 12,690      | 2,368        | .....     | ..... | 31              |
| 48,186                       | 2,289               | 2,593   | 30,145              | 726                         | 15,722    | 20,105                   | 3,914 |              | 3,250                     | 10,722      | 2,219        | .....     | Dec.  | 5               |
| 48,391                       | 2,325               | 2,695   | 30,249              | 775                         | 15,860    | 20,120                   | 3,963 |              | 3,462                     | 10,513      | 2,182        | .....     | ..... | 12              |
| 48,536                       | 2,286               | 2,795   | 30,372              | 821                         | 16,214    | 19,827                   | 3,644 |              | 3,398                     | 10,521      | 2,264        | .....     | ..... | 19              |
| 48,590                       | 2,317               | 2,807   | 30,462              | 818                         | 16,426    | 19,939                   | 3,684 |              | 3,544                     | 10,460      | 2,251        | .....     | ..... | 26              |
| 1974                         |                     |         |                     |                             |           |                          |       |              |                           |             |              |           |       |                 |
| 48,809                       | 2,323               | 2,931   | 30,677              | 846                         | 16,742    | 20,293                   | 3,846 |              | 3,797                     | 10,394      | 2,256        | .....     | Jan.  | 2 <sup>a</sup>  |
| 48,807                       | 2,554               | 2,823   | 30,632              | 792                         | 16,188    | 20,344                   | 3,828 |              | 3,914                     | 10,272      | 2,330        | .....     | ..... | 9 <sup>a</sup>  |
| 49,070                       | 2,443               | 2,803   | 30,652              | 749                         | 16,049    | 20,628                   | 4,108 |              | 3,994                     | 10,187      | 2,339        | .....     | ..... | 16 <sup>a</sup> |
| 49,161                       | 2,438               | 2,780   | 30,646              | 778                         | 15,921    | 20,517                   | 4,014 |              | 4,008                     | 10,189      | 2,306        | .....     | ..... | 23 <sup>a</sup> |
| 49,223                       | 2,395               | 2,757   | 30,684              | 785                         | 16,084    | 20,566                   | 3,990 |              | 4,057                     | 10,199      | 2,320        | .....     | ..... | 30 <sup>a</sup> |

For notes see p. A-28.

ASSETS AND LIABILITIES OF LARGE COMMERCIAL BANKS—Continued

(In millions of dollars)

| Wednesday                    | Investments (cont.) |   |           |  |                        | Cash items in process of collection | Reserves with F.R. Banks | Currency and coin | Balances with domestic banks | Investments in subsidiaries not consolidated | Other assets | Total assets/total liabilities |
|------------------------------|---------------------|---|-----------|--|------------------------|-------------------------------------|--------------------------|-------------------|------------------------------|--|--------------|--------------------------------|
|                              | Other securities    |   |           |  |                        |                                     |                          |                   |                              |  |              |                                |
|                              | Total               | Obligations of State and political subdivisions |           | Other bonds, corp. stock, and securities |                        |                                     |                          |                   |                              |  |              |                                |
|                              |                     | Tax warrants <sup>3</sup>                       | All other | Certif. of participation <sup>4</sup>    | All other <sup>5</sup> |                                     |                          |                   |                              |  |              |                                |
| <i>Large banks - Total</i>   |                     |   |           |  |                        |                                     |                          |                   |                              |  |              |                                |
| 1973                         |                     |   |           |  |                        |                                     |                          |                   |                              |  |              |                                |
| Jan. 3                       | 56,013              | 9,252   | 37,925    | 1,742                                    | 7,094                  | 34,668                              | 21,587                   | 4,377             | 10,459                       | 1,108  | 17,662       | 417,503                        |
| 10                           | 55,855              | 9,084   | 38,073    | 1,738                                    | 6,960                  | 28,481                              | 19,574                   | 4,280             | 9,811                        | 1,106  | 17,359       | 403,743                        |
| 17                           | 55,350              | 8,969   | 37,751    | 1,745                                    | 6,885                  | 30,353                              | 21,415                   | 4,144             | 9,098                        | 1,134  | 17,181       | 404,996                        |
| 24                           | 55,220              | 8,860   | 37,659    | 1,763                                    | 6,938                  | 29,067                              | 21,611                   | 4,145             | 9,167                        | 1,139  | 17,257       | 401,642                        |
| 31                           | 55,417              | 8,951   | 37,816    | 1,770                                    | 6,880                  | 30,863                              | 20,055                   | 3,981             | 9,658                        | 1,143  | 17,805       | 407,111                        |
| Dec. 5                       | 59,032              | 7,152   | 39,411    | 2,278                                    | 10,191                 | 32,576                              | 22,285                   | 4,064             | 11,865                       | 1,367  | 20,773       | 456,887                        |
| 12                           | 60,462              | 7,603   | 39,999    | 2,341                                    | 10,519                 | 34,479                              | 20,303                   | 4,601             | 14,083                       | 1,364  | 20,553       | 461,407                        |
| 19                           | 60,301              | 7,385   | 40,121    | 2,327                                    | 10,468                 | 34,915                              | 24,720                   | 4,538             | 12,696                       | 1,381  | 20,885       | 467,837                        |
| 26                           | 60,158              | 7,405   | 39,940    | 2,351                                    | 10,462                 | 29,771                              | 18,052                   | 4,846             | 7,532                        | 1,396  | 21,139       | 457,302                        |
| 1974                         |                     |   |           |  |                        |                                     |                          |                   |                              |  |              |                                |
| Jan. 2 <sup>u</sup>          | 61,521              | 7,767   | 40,080    | 2,431                                    | 11,243                 | 39,584                              | 25,685                   | 5,030             | 12,455                       | 1,435  | 22,295       | 486,157                        |
| 9 <sup>u</sup>               | 61,606              | 7,790   | 40,231    | 2,400                                    | 11,185                 | 32,417                              | 22,631                   | 4,683             | 12,221                       | 1,439  | 20,573       | 467,595                        |
| 16 <sup>u</sup>              | 61,067              | 7,459   | 40,099    | 2,374                                    | 11,135                 | 34,684                              | 25,158                   | 4,529             | 12,341                       | 1,440  | 20,285       | 470,720                        |
| 23 <sup>u</sup>              | 61,005              | 7,287   | 40,174    | 2,370                                    | 11,174                 | 29,978                              | 24,096                   | 4,563             | 11,940                       | 1,440  | 20,080       | 461,318                        |
| 30 <sup>u</sup>              | 61,234              | 7,470   | 40,286    | 2,362                                    | 11,116                 | 30,139                              | 24,181                   | 4,499             | 11,812                       | 1,443  | 20,420       | 462,042                        |
| <i>New York City</i>         |                     |   |           |  |                        |                                     |                          |                   |                              |  |              |                                |
| 1973                         |                     |   |           |  |                        |                                     |                          |                   |                              |  |              |                                |
| Jan. 3                       | 9,732               | 2,867   | 5,289     | 547                                      | 1,029                  | 10,071                              | 5,966                    | 502               | 3,526                        | 545  | 5,369        | 94,623                         |
| 10                           | 9,566               | 2,763   | 5,246     | 538                                      | 1,019                  | 9,441                               | 5,106                    | 490               | 3,935                        | 548  | 5,137        | 91,962                         |
| 17                           | 9,355               | 2,749   | 5,062     | 539                                      | 1,005                  | 10,323                              | 5,606                    | 484               | 3,218                        | 583  | 5,136        | 92,616                         |
| 24                           | 9,249               | 2,660   | 5,053     | 542                                      | 994                    | 11,447                              | 5,417                    | 472               | 3,977                        | 582  | 5,154        | 93,703                         |
| 31                           | 9,286               | 2,653   | 5,040     | 538                                      | 1,055                  | 11,929                              | 5,640                    | 475               | 4,012                        | 584  | 5,281        | 96,351                         |
| Dec. 5                       | 9,987               | 2,214   | 5,114     | 588                                      | 2,071                  | 10,872                              | 6,024                    | 516               | 5,306                        | 664  | 5,991        | 108,759                        |
| 12                           | 10,592              | 2,392   | 5,473     | 608                                      | 2,119                  | 12,511                              | 5,106                    | 533               | 7,713                        | 667  | 5,942        | 113,104                        |
| 19                           | 10,583              | 2,266   | 5,622     | 590                                      | 2,105                  | 11,992                              | 7,053                    | 517               | 5,863                        | 666  | 6,123        | 113,295                        |
| 26                           | 10,458              | 2,264   | 5,526     | 599                                      | 2,069                  | 7,613                               | 3,805                    | 546               | 1,512                        | 670  | 6,118        | 103,513                        |
| 1974                         |                     |   |           |  |                        |                                     |                          |                   |                              |  |              |                                |
| Jan. 2 <sup>u</sup>          | 10,884              | 2,712   | 5,250     | 606                                      | 2,316                  | 12,856                              | 8,834                    | 565               | 5,276                        | 667  | 6,695        | 117,293                        |
| 9 <sup>u</sup>               | 10,836              | 2,636   | 5,280     | 602                                      | 2,318                  | 11,559                              | 6,326                    | 540               | 5,806                        | 669  | 5,723        | 111,827                        |
| 16 <sup>u</sup>              | 10,580              | 2,439   | 5,251     | 592                                      | 2,298                  | 11,861                              | 7,007                    | 524               | 6,433                        | 670  | 5,695        | 112,672                        |
| 23 <sup>u</sup>              | 10,346              | 2,185   | 5,293     | 579                                      | 2,289                  | 11,064                              | 7,086                    | 508               | 6,094                        | 668  | 5,449        | 110,710                        |
| 30 <sup>u</sup>              | 10,350              | 2,218   | 5,325     | 580                                      | 2,227                  | 11,824                              | 6,846                    | 511               | 6,198                        | 670  | 5,777        | 110,875                        |
| <i>Outside New York City</i> |                     |   |           |  |                        |                                     |                          |                   |                              |  |              |                                |
| 1973                         |                     |   |           |  |                        |                                     |                          |                   |                              |  |              |                                |
| Jan. 3                       | 46,281              | 6,385   | 32,636    | 1,195                                    | 6,065                  | 24,597                              | 15,621                   | 3,875             | 6,933                        | 563  | 12,293       | 322,880                        |
| 10                           | 46,289              | 6,321   | 32,827    | 1,200                                    | 5,941                  | 19,040                              | 14,468                   | 3,790             | 5,876                        | 558  | 12,222       | 311,781                        |
| 17                           | 45,995              | 6,220   | 32,689    | 1,206                                    | 5,880                  | 20,030                              | 15,809                   | 3,660             | 5,880                        | 551  | 12,045       | 312,380                        |
| 24                           | 45,971              | 6,200   | 32,606    | 1,221                                    | 5,944                  | 17,620                              | 16,194                   | 3,673             | 5,190                        | 557  | 12,103       | 307,939                        |
| 31                           | 46,131              | 6,298   | 32,776    | 1,232                                    | 5,825                  | 18,934                              | 14,415                   | 3,506             | 5,646                        | 559  | 12,524       | 310,760                        |
| Dec. 5                       | 49,045              | 4,938   | 34,297    | 1,690                                    | 8,120                  | 21,704                              | 16,261                   | 3,548             | 6,559                        | 703  | 14,782       | 348,128                        |
| 12                           | 49,870              | 5,211   | 34,526    | 1,733                                    | 8,400                  | 21,968                              | 15,197                   | 4,068             | 6,370                        | 697  | 14,611       | 348,303                        |
| 19                           | 49,718              | 5,119   | 34,499    | 1,737                                    | 8,363                  | 22,923                              | 17,667                   | 4,021             | 6,833                        | 715  | 14,762       | 354,542                        |
| 26                           | 49,700              | 5,141   | 34,414    | 1,752                                    | 8,393                  | 22,158                              | 14,247                   | 4,300             | 6,020                        | 726  | 15,021       | 353,789                        |
| 1974                         |                     |   |           |  |                        |                                     |                          |                   |                              |  |              |                                |
| Jan. 2 <sup>u</sup>          | 50,637              | 5,055   | 34,830    | 1,825                                    | 8,927                  | 26,728                              | 16,851                   | 4,465             | 7,179                        | 768  | 15,600       | 368,864                        |
| 9 <sup>u</sup>               | 50,770              | 5,154   | 34,951    | 1,798                                    | 8,867                  | 20,858                              | 16,305                   | 4,143             | 6,415                        | 770  | 14,850       | 355,768                        |
| 16 <sup>u</sup>              | 50,487              | 5,020   | 34,848    | 1,782                                    | 8,837                  | 22,823                              | 18,151                   | 4,005             | 5,908                        | 770  | 14,590       | 358,048                        |
| 23 <sup>u</sup>              | 50,659              | 5,102   | 34,881    | 1,791                                    | 8,885                  | 18,914                              | 17,010                   | 4,055             | 5,846                        | 772  | 14,631       | 350,608                        |
| 30 <sup>u</sup>              | 50,884              | 5,252   | 34,961    | 1,782                                    | 8,889                  | 18,315                              | 17,335                   | 3,988             | 5,614                        | 773  | 14,643       | 351,167                        |

For notes see p. A-28.

ASSETS AND LIABILITIES OF LARGE COMMERCIAL BANKS—Continued

(In millions of dollars)

| Deposits                     |         |                                   |            |                    |                 |                           |                  |                                |                    |                  |        |                                   |                    |                             | Wednesday           |
|------------------------------|---------|-----------------------------------|------------|--------------------|-----------------|---------------------------|------------------|--------------------------------|--------------------|------------------|--------|-----------------------------------|--------------------|-----------------------------|---------------------|
| Demand                       |         |                                   |            |                    |                 |                           |                  |                                |                    | Time and savings |        |                                   |                    |                             |                     |
| Total                        | IPC     | States and political subdivisions | U.S. Govt. | Domestic interbank |                 | Foreign                   |                  | Certified and officers' checks | Total <sup>6</sup> | IPC              |        | States and political subdivisions | Domestic interbank | Foreign govts. <sup>2</sup> |                     |
|                              |         |                                   |            | Commercial         | Mutual sav-ings | Govts., etc. <sup>2</sup> | Commercial banks |                                |                    | Sav-ings         | Other  |                                   |                    |                             |                     |
| <i>Large banks—Total</i>     |         |                                   |            |                    |                 |                           |                  |                                |                    |                  |        |                                   |                    |                             |                     |
| 1973                         |         |                                   |            |                    |                 |                           |                  |                                |                    |                  |        |                                   |                    |                             |                     |
| 169,768                      | 121,308 | 7,221                             | 6,469      | 22,412             | 984             | 963                       | 3,456            | 6,955                          | 160,661            | 58,572           | 72,334 | 19,756                            | 2,953              | 6,386                       | Jan. 3              |
| 154,963                      | 112,951 | 6,833                             | 3,501      | 20,286             | 1,009           | 824                       | 3,289            | 6,270                          | 161,603            | 58,515           | 72,601 | 20,516                            | 2,829              | 6,508                       | 10                  |
| 156,747                      | 114,433 | 6,784                             | 3,388      | 20,412             | 894             | 782                       | 3,251            | 6,803                          | 161,658            | 58,373           | 72,915 | 20,478                            | 2,770              | 6,474                       | 17                  |
| 151,981                      | 108,327 | 6,381                             | 5,678      | 18,979             | 768             | 936                       | 3,154            | 7,758                          | 162,535            | 58,312           | 73,681 | 20,601                            | 2,811              | 6,498                       | 24                  |
| 156,909                      | 110,248 | 7,180                             | 6,289      | 21,992             | 839             | 875                       | 3,156            | 6,330                          | 162,936            | 58,186           | 74,310 | 20,332                            | 2,794              | 6,685                       | 31                  |
| 159,314                      | 113,193 | 6,406                             | 2,449      | 23,532             | 683             | 1,164                     | 4,155            | 7,732                          | 186,071            | 56,383           | 93,822 | 21,617                            | 5,690              | 7,973                       | Dec. 5              |
| 163,856                      | 115,463 | 6,416                             | 1,503      | 25,090             | 623             | 1,246                     | 4,151            | 9,364                          | 187,609            | 56,304           | 94,678 | 22,250                            | 5,521              | 8,302                       | 12                  |
| 167,002                      | 116,870 | 6,390                             | 5,600      | 23,278             | 670             | 1,163                     | 4,180            | 8,851                          | 187,036            | 56,241           | 93,738 | 22,769                            | 5,538              | 8,319                       | 19                  |
| 161,824                      | 121,364 | 6,714                             | 5,152      | 16,767             | 639             | 1,024                     | 4,670            | 5,494                          | 188,273            | 56,305           | 94,858 | 22,738                            | 5,643              | 8,295                       | 26                  |
| 1974                         |         |                                   |            |                    |                 |                           |                  |                                |                    |                  |        |                                   |                    |                             |                     |
| 184,565                      | 128,207 | 7,352                             | 7,164      | 25,286             | 804             | 1,156                     | 4,978            | 9,618                          | 189,646            | 57,087           | 95,405 | 22,833                            | 5,551              | 8,311                       | Jan. 2 <sup>p</sup> |
| 163,261                      | 115,404 | 6,653                             | 3,121      | 23,953             | 893             | 1,077                     | 4,461            | 7,609                          | 190,965            | 57,064           | 96,535 | 23,441                            | 5,359              | 8,123                       | 9 <sup>p</sup>      |
| 165,559                      | 117,001 | 6,463                             | 3,877      | 23,598             | 805             | 1,062                     | 4,338            | 8,415                          | 191,410            | 56,955           | 96,980 | 23,503                            | 5,381              | 8,102                       | 16 <sup>p</sup>     |
| 156,027                      | 109,349 | 6,032                             | 4,468      | 22,783             | 668             | 994                       | 4,155            | 7,578                          | 192,745            | 56,918           | 98,307 | 23,602                            | 5,287              | 8,081                       | 23 <sup>p</sup>     |
| 157,996                      | 109,099 | 6,236                             | 5,620      | 22,759             | 690             | 1,193                     | 4,642            | 7,757                          | 193,271            | 56,873           | 98,843 | 23,634                            | 5,149              | 8,153                       | 30 <sup>p</sup>     |
| <i>New York City</i>         |         |                                   |            |                    |                 |                           |                  |                                |                    |                  |        |                                   |                    |                             |                     |
| 1973                         |         |                                   |            |                    |                 |                           |                  |                                |                    |                  |        |                                   |                    |                             |                     |
| 43,814                       | 26,795  | 428                               | 1,193      | 8,923              | 569             | 788                       | 2,240            | 2,878                          | 27,210             | 5,627            | 14,648 | 2,025                             | 1,653              | 3,118                       | Jan. 3              |
| 40,137                       | 24,138  | 370                               | 607        | 8,685              | 576             | 668                       | 2,334            | 2,759                          | 27,699             | 5,618            | 14,819 | 2,399                             | 1,549              | 3,184                       | 10                  |
| 41,574                       | 24,983  | 539                               | 544        | 8,834              | 498             | 648                       | 2,354            | 3,174                          | 27,667             | 5,594            | 14,982 | 2,302                             | 1,473              | 3,188                       | 17                  |
| 41,878                       | 24,185  | 350                               | 1,085      | 8,294              | 409             | 797                       | 2,290            | 4,468                          | 27,798             | 5,572            | 15,108 | 2,301                             | 1,499              | 3,220                       | 24                  |
| 43,907                       | 24,973  | 574                               | 1,187      | 11,030             | 463             | 732                       | 2,285            | 2,663                          | 28,112             | 5,549            | 15,508 | 2,085                             | 1,488              | 3,388                       | 31                  |
| 44,601                       | 23,794  | 443                               | 558        | 11,283             | 367             | 966                       | 3,158            | 4,032                          | 34,682             | 4,965            | 19,599 | 2,156                             | 3,936              | 3,933                       | Dec. 5              |
| 48,456                       | 24,722  | 338                               | 206        | 13,305             | 308             | 1,059                     | 3,084            | 5,434                          | 34,995             | 4,958            | 19,993 | 2,110                             | 3,736              | 4,104                       | 12                  |
| 47,368                       | 24,812  | 360                               | 1,510      | 11,399             | 368             | 973                       | 3,060            | 4,886                          | 34,445             | 4,949            | 19,336 | 2,210                             | 3,733              | 4,144                       | 19                  |
| 40,692                       | 27,034  | 513                               | 1,176      | 5,144              | 350             | 825                       | 3,554            | 2,096                          | 34,475             | 4,958            | 19,407 | 2,131                             | 3,722              | 4,179                       | 26                  |
| 1974                         |         |                                   |            |                    |                 |                           |                  |                                |                    |                  |        |                                   |                    |                             |                     |
| 51,771                       | 28,419  | 581                               | 1,666      | 10,969             | 454             | 951                       | 3,801            | 4,930                          | 34,400             | 5,008            | 19,560 | 2,019                             | 3,513              | 4,214                       | Jan. 2 <sup>p</sup> |
| 46,187                       | 24,669  | 476                               | 527        | 12,028             | 521             | 892                       | 3,286            | 3,788                          | 35,084             | 5,012            | 20,160 | 2,297                             | 3,363              | 4,168                       | 9 <sup>p</sup>      |
| 47,047                       | 25,100  | 376                               | 707        | 11,502             | 456             | 874                       | 3,218            | 4,814                          | 35,114             | 5,020            | 20,291 | 2,206                             | 3,351              | 4,159                       | 16 <sup>p</sup>     |
| 44,802                       | 23,839  | 346                               | 781        | 11,452             | 362             | 793                       | 3,088            | 4,141                          | 35,520             | 5,017            | 20,916 | 1,988                             | 3,358              | 4,157                       | 23 <sup>p</sup>     |
| 46,677                       | 23,909  | 429                               | 1,082      | 11,789             | 388             | 1,001                     | 3,613            | 4,466                          | 35,522             | 5,013            | 21,122 | 1,900                             | 3,284              | 4,120                       | 30 <sup>p</sup>     |
| <i>Outside New York City</i> |         |                                   |            |                    |                 |                           |                  |                                |                    |                  |        |                                   |                    |                             |                     |
| 1973                         |         |                                   |            |                    |                 |                           |                  |                                |                    |                  |        |                                   |                    |                             |                     |
| 125,954                      | 94,513  | 6,793                             | 5,276      | 13,489             | 415             | 175                       | 1,216            | 4,077                          | 133,451            | 52,945           | 57,686 | 17,731                            | 1,300              | 3,268                       | Jan. 3              |
| 114,826                      | 88,813  | 6,463                             | 2,894      | 11,601             | 433             | 156                       | 955              | 3,511                          | 133,904            | 52,897           | 57,782 | 18,117                            | 1,280              | 3,324                       | 10                  |
| 115,173                      | 89,450  | 6,245                             | 2,844      | 11,578             | 396             | 134                       | 897              | 3,629                          | 133,991            | 52,779           | 57,933 | 18,176                            | 1,297              | 3,286                       | 17                  |
| 110,103                      | 84,142  | 6,031                             | 4,593      | 10,685             | 359             | 139                       | 864              | 3,290                          | 134,737            | 52,740           | 58,573 | 18,300                            | 1,312              | 3,278                       | 24                  |
| 113,002                      | 85,275  | 6,606                             | 5,102      | 10,962             | 376             | 143                       | 871              | 3,667                          | 134,824            | 52,637           | 58,802 | 18,247                            | 1,306              | 3,297                       | 31                  |
| 114,713                      | 89,399  | 5,963                             | 1,891      | 12,249             | 316             | 198                       | 997              | 3,700                          | 151,389            | 51,418           | 74,223 | 19,461                            | 1,754              | 4,040                       | Dec. 5              |
| 115,400                      | 90,741  | 6,078                             | 1,297      | 11,785             | 315             | 187                       | 1,067            | 3,930                          | 152,614            | 51,346           | 74,685 | 20,140                            | 1,785              | 4,198                       | 12                  |
| 119,634                      | 92,058  | 6,030                             | 4,090      | 11,879             | 302             | 190                       | 1,120            | 3,965                          | 152,591            | 51,292           | 74,402 | 20,559                            | 1,805              | 4,175                       | 19                  |
| 121,132                      | 94,330  | 6,201                             | 3,976      | 11,623             | 289             | 199                       | 1,116            | 3,398                          | 153,798            | 51,347           | 75,451 | 20,607                            | 1,921              | 4,116                       | 26                  |
| 1974                         |         |                                   |            |                    |                 |                           |                  |                                |                    |                  |        |                                   |                    |                             |                     |
| 132,794                      | 99,788  | 6,771                             | 5,498      | 14,317             | 350             | 205                       | 1,177            | 4,688                          | 155,246            | 52,079           | 75,845 | 20,814                            | 2,038              | 4,097                       | Jan. 2 <sup>p</sup> |
| 117,074                      | 90,735  | 6,177                             | 2,594      | 11,925             | 372             | 185                       | 1,175            | 3,911                          | 155,881            | 52,052           | 76,375 | 21,144                            | 1,996              | 3,955                       | 9 <sup>p</sup>      |
| 118,512                      | 91,901  | 6,087                             | 3,170      | 12,096             | 349             | 188                       | 1,120            | 3,601                          | 156,296            | 51,935           | 76,689 | 21,297                            | 2,030              | 3,943                       | 16 <sup>p</sup>     |
| 111,225                      | 85,510  | 5,686                             | 3,687      | 11,331             | 306             | 201                       | 1,067            | 3,437                          | 157,225            | 51,901           | 77,391 | 21,614                            | 1,929              | 3,924                       | 23 <sup>p</sup>     |
| 111,319                      | 85,190  | 5,807                             | 4,538      | 10,970             | 302             | 192                       | 1,029            | 3,291                          | 157,749            | 51,860           | 77,721 | 21,734                            | 1,865              | 4,033                       | 30 <sup>p</sup>     |

For notes see p. A-28.

ASSETS AND LIABILITIES OF LARGE COMMERCIAL BANKS—Continued

(In millions of dollars)

| Wednesday                    | Federal funds purchased, etc. <sup>7</sup> | Borrowings from— |        |                                      | Reserves for— |            | Total capital accounts | Memoranda                                 |   |  |  |                 |                  |  |
|------------------------------|--|------------------|--------|--------------------------------------|---------------|------------|------------------------|---|---|--|--|-----------------|------------------|--|
|                              |  | F.R. Banks       | Others | Other liabilities, etc. <sup>8</sup> | Loans         | Securities |                        | Total loans (gross) adjusted <sup>9</sup> | Total loans and investments (gross) adjusted <sup>9</sup> | Demand deposits adjusted <sup>10</sup> | Large negotiable time CD's included in time and savings deposits <sup>11</sup> |                 |                  | Gross liabilities of banks to their foreign branches |
|                              |  |                  |        |                                      |               |            |                        |   |   |  | Total  | Issued to IPC's | Issued to others |  |
| <i>Large banks—Total</i>     |  |                  |        |                                      |               |            |                        |   |   |  |  |                 |                  |  |
| <i>1973</i>                  |  |                  |        |                                      |               |            |                        |   |   |  |  |                 |                  |  |
| Jan. 3                       | 35,849                                     | 767              | 2,262  | 14,481                               | 4,278         | 70         | 29,367                 | 226,016                                   | 311,162   | 106,219                                | 43,682   | 27,658          | 16,024           | 1,121  |
| 10                           | 35,226                                     | 734              | 2,359  | 14,723                               | 4,323         | 70         | 29,742                 | 224,281                                   | 309,075   | 102,695                                | 44,595   | 27,961          | 16,634           | 1,625  |
| 17                           | 34,664                                     | 932              | 2,516  | 14,560                               | 4,337         | 73         | 29,509                 | 224,392                                   | 308,654   | 102,594                                | 44,607   | 28,048          | 16,559           | 1,419  |
| 24                           | 33,621                                     | 1,789            | 2,670  | 15,083                               | 4,338         | 70         | 29,555                 | 223,118                                   | 306,807   | 98,257                                 | 45,139   | 28,482          | 16,657           | 1,801  |
| 31                           | 33,860                                     | 1,017            | 2,675  | 15,554                               | 4,370         | 70         | 29,720                 | 225,583                                   | 309,926   | 97,765                                 | 45,540   | 28,946          | 16,594           | 1,413  |
| Dec. 5                       | 50,823                                     | 370              | 5,818  | 18,227                               | 4,615         | 65         | 31,584                 | 261,194                                   | 346,200   | 100,757                                | 63,429   | 42,194          | 21,235           | 1,911  |
| 12                           | 48,232                                     | 1,350            | 5,795  | 18,344                               | 4,585         | 65         | 31,571                 | 263,117                                   | 349,780   | 102,784                                | 64,442   | 43,044          | 21,398           | 1,938  |
| 19                           | 52,215                                     | 1,267            | 5,588  | 18,596                               | 4,547         | 66         | 31,520                 | 265,325                                   | 351,067   | 103,209                                | 63,366   | 41,999          | 21,367           | 2,382  |
| 26                           | 47,759                                     | 274              | 5,274  | 17,759                               | 4,513         | 66         | 31,560                 | 270,426                                   | 356,111   | 110,134                                | 64,391   | 42,987          | 21,404           | 1,703  |
| <i>1974</i>                  |  |                  |        |                                      |               |            |                        |   |   |  |  |                 |                  |  |
| Jan. 2 <sup>p</sup>          | 51,993                                     | 754              | 5,154  | 17,320                               | 4,702         | 65         | 31,958                 | 270,670                                   | 357,651   | 112,531                                | 64,626   | 43,237          | 21,389           | 1,158  |
| 9 <sup>p</sup>               | 52,551                                     | 1,941            | 5,276  | 16,831                               | 4,885         | 69         | 31,816                 | 267,992                                   | 355,552   | 103,770                                | 65,575   | 44,121          | 21,454           | 1,322  |
| 16 <sup>p</sup>              | 53,193                                     | 1,083            | 5,504  | 17,185                               | 4,906         | 74         | 31,806                 | 267,135                                   | 354,273   | 103,400                                | 65,637   | 44,361          | 21,276           | 2,039  |
| 23 <sup>p</sup>              | 51,138                                     | 2,408            | 5,236  | 16,860                               | 4,919         | 74         | 31,911                 | 265,391                                   | 352,626   | 98,798                                 | 66,458   | 45,298          | 21,160           | 1,989  |
| 30 <sup>p</sup>              | 50,587                                     | 1,316            | 5,310  | 16,651                               | 4,924         | 83         | 31,904                 | 264,469                                   | 351,510   | 99,478                                 | 66,892   | 45,718          | 21,174           | 1,672  |
| <i>New York City</i>         |  |                  |        |                                      |               |            |                        |   |   |  |  |                 |                  |  |
| <i>1973</i>                  |  |                  |        |                                      |               |            |                        |   |   |  |  |                 |                  |  |
| Jan. 3                       | 8,748                                      | 180              | 508    | 5,388                                | 1,224         | .....      | 7,551                  | 52,128                                    | 66,561  | 23,627                                 | 14,496   | 9,512           | 4,984            | 784  |
| 10                           | 9,119                                      | .....            | 588    | 5,634                                | 1,236         | .....      | 7,549                  | 51,455                                    | 65,936  | 21,404                                 | 15,068   | 9,729           | 5,339            | 1,160  |
| 17                           | 8,346                                      | .....            | 777    | 5,487                                | 1,239         | .....      | 7,526                  | 51,545                                    | 65,860  | 21,873                                 | 15,043   | 9,831           | 5,212            | 1,133  |
| 24                           | 8,035                                      | 475              | 912    | 5,846                                | 1,238         | .....      | 7,521                  | 50,820                                    | 65,009  | 21,052                                 | 15,127   | 9,898           | 5,229            | 1,459  |
| 31                           | 8,439                                      | .....            | 1,107  | 5,950                                | 1,250         | .....      | 7,586                  | 52,247                                    | 66,670  | 19,761                                 | 15,314   | 10,175          | 5,139            | 1,122  |
| Dec. 5                       | 11,544                                     | .....            | 2,819  | 5,706                                | 1,321         | .....      | 8,086                  | 60,434                                    | 76,290  | 21,888                                 | 20,510   | 12,827          | 7,683            | 1,242  |
| 12                           | 10,715                                     | 715              | 2,950  | 5,870                                | 1,306         | .....      | 8,097                  | 61,158                                    | 77,831  | 22,434                                 | 20,871   | 13,184          | 7,687            | 1,220  |
| 19                           | 13,311                                     | 90               | 2,834  | 5,879                                | 1,289         | .....      | 8,079                  | 61,826                                    | 78,023  | 22,467                                 | 20,377   | 12,585          | 7,792            | 1,569  |
| 26                           | 10,900                                     | .....            | 2,536  | 5,571                                | 1,273         | .....      | 8,066                  | 63,335                                    | 79,381  | 26,759                                 | 20,436   | 12,708          | 7,728            | 1,316  |
| <i>1974</i>                  |  |                  |        |                                      |               |            |                        |   |   |  |  |                 |                  |  |
| Jan. 2 <sup>p</sup>          | 13,606                                     | 155              | 2,437  | 5,521                                | 1,281         | .....      | 8,122                  | 62,920                                    | 78,971  | 26,280                                 | 20,307   | 12,848          | 7,459            | 800  |
| 9 <sup>p</sup>               | 12,574                                     | 941              | 2,503  | 5,119                                | 1,311         | .....      | 8,108                  | 62,045                                    | 78,491  | 22,073                                 | 20,987   | 13,433          | 7,554            | 942  |
| 16 <sup>p</sup>              | 12,972                                     | 60               | 2,503  | 5,557                                | 1,331         | .....      | 8,088                  | 61,585                                    | 77,608  | 22,977                                 | 20,982   | 13,559          | 7,423            | 1,578  |
| 23 <sup>p</sup>              | 11,767                                     | 1,232            | 2,514  | 5,387                                | 1,340         | .....      | 8,148                  | 60,895                                    | 76,954  | 21,505                                 | 21,346   | 14,065          | 7,281            | 1,484  |
| 30 <sup>p</sup>              | 11,447                                     | 105              | 2,379  | 5,252                                | 1,341         | .....      | 8,152                  | 60,403                                    | 75,994  | 21,982                                 | 21,341   | 14,247          | 7,094            | 1,226  |
| <i>Outside New York City</i> |  |                  |        |                                      |               |            |                        |   |   |  |  |                 |                  |  |
| <i>1973</i>                  |  |                  |        |                                      |               |            |                        |   |   |  |  |                 |                  |  |
| Jan. 3                       | 27,101                                     | 587              | 1,754  | 9,093                                | 3,054         | 70         | 21,816                 | 173,888                                   | 244,601   | 82,592                                 | 29,186   | 18,146          | 11,040           | 337  |
| 10                           | 26,107                                     | 734              | 1,771  | 9,089                                | 3,087         | 70         | 22,193                 | 172,826                                   | 243,139   | 81,291                                 | 29,527   | 18,232          | 11,295           | 465  |
| 17                           | 26,318                                     | 932              | 1,739  | 9,073                                | 3,098         | 73         | 21,983                 | 172,847                                   | 242,794   | 80,721                                 | 29,564   | 18,217          | 11,347           | 286  |
| 24                           | 25,586                                     | 1,314            | 1,758  | 9,237                                | 3,100         | 70         | 22,034                 | 172,298                                   | 241,798   | 77,205                                 | 30,012   | 18,584          | 11,428           | 342  |
| 31                           | 25,421                                     | 1,017            | 1,568  | 9,604                                | 3,120         | 70         | 22,134                 | 173,336                                   | 243,256   | 78,004                                 | 30,226   | 18,771          | 11,455           | 291  |
| Dec. 5                       | 39,279                                     | 370              | 2,999  | 12,521                               | 3,294         | 65         | 23,498                 | 200,760                                   | 269,910   | 78,869                                 | 42,919   | 29,367          | 13,552           | 669  |
| 12                           | 37,517                                     | 635              | 2,845  | 12,474                               | 3,279         | 65         | 23,474                 | 201,959                                   | 271,949   | 80,350                                 | 43,571   | 29,860          | 13,711           | 718  |
| 19                           | 38,904                                     | 1,177            | 2,754  | 12,717                               | 3,258         | 66         | 23,441                 | 203,499                                   | 273,044   | 80,742                                 | 42,989   | 29,414          | 13,575           | 813  |
| 26                           | 36,859                                     | 274              | 2,738  | 12,188                               | 3,240         | 66         | 23,494                 | 207,091                                   | 276,730   | 83,375                                 | 43,955   | 30,279          | 13,676           | 387  |
| <i>1974</i>                  |  |                  |        |                                      |               |            |                        |   |   |  |  |                 |                  |  |
| Jan. 2 <sup>p</sup>          | 38,387                                     | 599              | 2,717  | 11,799                               | 3,421         | 65         | 23,836                 | 207,750                                   | 278,680   | 86,251                                 | 44,319   | 30,389          | 13,930           | 358  |
| 9 <sup>p</sup>               | 39,977                                     | 1,000            | 2,773  | 11,712                               | 3,574         | 69         | 23,708                 | 205,947                                   | 277,061   | 81,697                                 | 44,588   | 30,688          | 13,900           | 380  |
| 16 <sup>p</sup>              | 40,221                                     | 1,023            | 3,001  | 11,628                               | 3,575         | 74         | 23,718                 | 205,550                                   | 276,665   | 80,423                                 | 44,655   | 30,802          | 13,853           | 461  |
| 23 <sup>p</sup>              | 39,371                                     | 1,176            | 2,722  | 11,473                               | 3,579         | 74         | 23,763                 | 204,496                                   | 275,672   | 77,293                                 | 45,112   | 31,233          | 13,879           | 505  |
| 30 <sup>p</sup>              | 39,140                                     | 1,211            | 2,931  | 11,399                               | 3,583         | 83         | 23,752                 | 204,066                                   | 275,516   | 77,496                                 | 45,551   | 31,471          | 14,080           | 446  |

<sup>1</sup> Includes securities purchased under agreements to resell.

<sup>2</sup> Includes official institutions and so forth.

<sup>3</sup> Includes short-term notes and bills.

<sup>4</sup> Federal agencies only.

<sup>5</sup> Includes corporate stock.

<sup>6</sup> Includes U.S. Govt. and foreign bank deposits, not shown separately.

<sup>7</sup> Includes securities sold under agreements to repurchase.

<sup>8</sup> Includes minority interest in consolidated subsidiaries.

<sup>9</sup> Exclusive of loans and Federal funds transactions with domestic commercial banks.

<sup>10</sup> All demand deposits except U.S. Govt. and domestic commercial banks, less cash items in process of collection.

<sup>11</sup> Certificates of deposit issued in denominations of \$100,000 or more.

COMMERCIAL AND INDUSTRIAL LOANS OF LARGE COMMERCIAL BANKS

(In millions of dollars)

| Industry   | Outstanding |         |         |         |         | Net change during— |       |      |       |       |       |          |          |
|--|-------------|---------|---------|---------|---------|--------------------|-------|------|-------|-------|-------|----------|----------|
|  | 1974        |         |         |         |         | 1974               | 1973  |      |       | 1973  |       |          |          |
|  | Jan. 30     | Jan. 23 | Jan. 16 | Jan. 9  | Jan. 2  | Jan.               | Dec.  | Nov. | IV    | III   | II    | 2nd half | 1st half |
| Durable goods manufacturing:   |             |         |         |         |         |                    |       |      |       |       |       |          |          |
| Primary metals.....  | 1,866       | 1,840   | 1,839   | 1,829   | 1,786   | 57                 | -148  | -21  | -247  | 18    | -102  | -229     | 20       |
| Machinery.....   | 6,742       | 6,628   | 6,844   | 6,724   | 6,808   | 71                 | 440   | 119  | 136   | 479   | 645   | 615      | 1,453    |
| Transportation equipment.....  | 2,508       | 2,516   | 2,501   | 2,439   | 2,407   | -12                | 156   | 3    | 90    | 272   | 32    | 362      | 64       |
| Other fabricated metal products.....                                 | 2,346       | 2,350   | 2,383   | 2,350   | 2,337   | 13                 | 7     | 18   | 15    | 56    | 267   | 71       | 503      |
| Other durable goods.....   | 3,646       | 3,671   | 3,715   | 3,722   | 3,722   | -57                | -32   | -120 | -363  | 290   | 323   | -73      | 872      |
| Nondurable goods manufacturing:                                      |             |         |         |         |         |                    |       |      |       |       |       |          |          |
| Food, liquor, and tobacco.....                                       | 3,992       | 4,057   | 4,057   | 4,082   | 4,090   | -165               | 269   | 211  | 340   | 393   | -194  | 733      | -23      |
| Textiles, apparel, and leather.....                                  | 3,224       | 3,241   | 3,279   | 3,277   | 3,222   | 5                  | -137  | -119 | -440  | 235   | 275   | -205     | 730      |
| Petroleum refining.....  | 1,278       | 1,275   | 1,293   | 1,317   | 1,256   | -113               | 294   | -84  | 184   | 19    | -7    | 203      | 211      |
| Chemicals and rubber.....  | 2,441       | 2,457   | 2,426   | 2,392   | 2,462   | -75                | 48    | -91  | -198  | 48    | 63    | -150     | 809      |
| Other nondurable goods.....  | 2,114       | 2,163   | 2,148   | 2,160   | 2,143   | -31                | -25   | -15  | -65   | 156   | 157   | 91       | 360      |
| Mining, including crude petroleum and natural gas.....               | 4,022       | 3,869   | 3,905   | 3,916   | 3,941   | 218                | -6    | -79  | -233  | 77    | ..... | -156     | 331      |
| Trade: Commodity dealers.....  | 2,261       | 2,151   | 2,037   | 1,919   | 1,858   | 419                | 99    | 318  | 630   | -42   | 603   | 588      | -540     |
| Other wholesale.....   | 5,457       | 5,443   | 5,423   | 5,444   | 5,510   | 42                 | 94    | -27  | 151   | 43    | 183   | 194      | 567      |
| Retail.....  | 5,801       | 5,909   | 5,883   | 5,682   | 5,889   | -272               | -394  | 64   | -184  | 165   | 457   | -19      | 1,092    |
| Transportation.....  | 5,975       | 5,989   | 6,050   | 6,118   | 6,040   | 11                 | 161   | 21   | 14    | 66    | 283   | 80       | 294      |
| Communication.....   | 2,156       | 2,150   | 2,192   | 2,234   | 2,265   | 130                | 138   | -119 | -78   | -13   | 79    | -91      | 258      |
| Other public utilities.....  | 5,700       | 5,896   | 5,908   | 6,093   | 6,050   | -177               | 352   | 328  | 596   | 734   | 670   | 1,330    | 961      |
| Construction.....  | 5,494       | 5,477   | 5,478   | 5,538   | 5,552   | -59                | -26   | -69  | -251  | 212   | 624   | -39      | 928      |
| Services.....  | 10,819      | 10,897  | 10,910  | 11,120  | 11,186  | 237                | 351   | 190  | 565   | 362   | 455   | 927      | 997      |
| All other domestic loans.....  | 8,293       | 8,325   | 8,566   | 8,462   | 8,779   | 22                 | 408   | 28   | 302   | 380   | 782   | 682      | 1,754    |
| Bankers' acceptances.....  | 1,219       | 1,179   | 1,183   | 1,264   | 1,269   | -55                | 62    | -21  | 199   | -322  | 76    | -123     | -154     |
| Foreign commercial and industrial loans.....                         | 4,161       | 4,182   | 4,165   | 4,058   | 4,092   | 88                 | 17    | 60   | 23    | -384  | -18   | -361     | 554      |
| Total classified loans.....  | 91,515      | 91,665  | 92,185  | 92,140  | 92,664  | -177               | 2,128 | 553  | 1,186 | 3,244 | 4,447 | 4,430    | 12,041   |
| Total commercial and industrial loans of large commercial banks..... | #100,448    | 109,632 | 110,205 | 110,193 | 110,787 | -373               | 2,410 | 712  | 1,588 | 3,370 | 4,998 | 4,958    | 13,760   |

See NOTE to table below.

"TERM" COMMERCIAL AND INDUSTRIAL LOANS OF LARGE COMMERCIAL BANKS

(In millions of dollars)

| Industry   | Outstanding |         |         |         |          |         |         |         |        | Net change during— |       |       |       |          |
|--|-------------|---------|---------|---------|----------|---------|---------|---------|--------|--------------------|-------|-------|-------|----------|
|  | 1974        |         |         | 1973    |          |         |         |         |        | 1973               |       |       |       | 1973     |
|  | Jan. 30     | Dec. 26 | Nov. 28 | Oct. 31 | Sept. 26 | Aug. 29 | July 25 | June 27 | May 30 | IV                 | III   | II    | I     | 2nd half |
| Durable goods manufacturing:                           |             |         |         |         |          |         |         |         |        |                    |       |       |       |          |
| Primary metals.....                                    | 1,093       | 1,106   | 1,240   | 1,260   | 1,311    | 1,294   | 1,293   | 1,328   | 1,314  | -205               | -17   | -7    | 67    | -222     |
| Machinery.....   | 2,952       | 2,868   | 2,729   | 2,734   | 2,680    | 2,638   | 2,664   | 2,641   | 2,560  | 188                | 39    | 328   | 159   | 227      |
| Transportation equipment.....                          | 1,319       | 1,280   | 1,251   | 1,233   | 1,261    | 1,226   | 1,193   | 1,189   | 1,168  | 19                 | 72    | 15    | 31    | 91       |
| Other fabricated metal products.....                   | 929         | 885     | 902     | 891     | 863      | 846     | 861     | 869     | 833    | -22                | 6     | 84    | 65    | 16       |
| Other durable goods.....                               | 1,725       | 1,758   | 1,741   | 1,782   | 1,777    | 1,730   | 1,720   | 1,690   | 1,592  | -19                | 87    | 170   | 281   | 68       |
| Nondurable goods manufacturing:                        |             |         |         |         |          |         |         |         |        |                    |       |       |       |          |
| Food, liquor, and tobacco.....                         | 1,513       | 1,491   | 1,466   | 1,465   | 1,472    | 1,405   | 1,410   | 1,393   | 1,372  | 19                 | 79    | 43    | 116   | 98       |
| Textiles, apparel, and leather.....                    | 1,028       | 1,001   | 1,036   | 1,030   | 1,026    | 1,021   | 1,003   | 969     | 942    | -25                | 57    | 77    | 169   | 32       |
| Petroleum refining.....                                | 920         | 933     | 839     | 883     | 920      | 925     | 947     | 876     | 885    | 13                 | 44    | 34    | 144   | 57       |
| Chemicals and rubber.....                              | 1,571       | 1,561   | 1,509   | 1,535   | 1,553    | 1,494   | 1,486   | 1,481   | 1,441  | 8                  | 72    | 2     | 326   | 80       |
| Other nondurable goods.....                            | 1,053       | 1,071   | 1,058   | 1,076   | 1,092    | 1,069   | 1,050   | 1,063   | 1,063  | -21                | 29    | 37    | 206   | 8        |
| Mining, including crude petroleum and natural gas..... | 3,153       | 2,960   | 2,950   | 2,958   | 2,990    | 2,921   | 3,022   | 2,846   | 2,908  | -30                | 144   | -26   | 187   | 114      |
| Trade: Commodity dealers.....                          | 1,377       | 1,277   | 1,135   | 1,200   | 1,116    | 1,115   | 1,178   | 1,231   | 1,139  | 11                 | -7    | -27   | 29    | 4        |
| Other wholesale.....                                   | 1,267       | 1,191   | 1,171   | 1,224   | 1,178    | 1,149   | 1,118   | 1,066   | 1,051  | 13                 | 112   | 11    | 161   | 125      |
| Retail.....  | 2,247       | 2,204   | 2,226   | 2,179   | 2,145    | 2,136   | 2,066   | 2,006   | 1,979  | 59                 | 139   | 183   | 231   | 198      |
| Transportation.....                                    | 4,315       | 4,307   | 4,199   | 4,214   | 4,272    | 4,287   | 4,255   | 4,305   | 4,161  | 35                 | -33   | 71    | 54    | 2        |
| Communication.....                                     | 948         | 861     | 828     | 819     | 857      | 835     | 814     | 785     | 760    | 4                  | 72    | 39    | 64    | 76       |
| Other public utilities.....                            | 3,299       | 3,253   | 3,114   | 2,853   | 2,829    | 2,671   | 2,548   | 2,409   | 2,328  | 424                | 420   | 175   | 259   | 844      |
| Construction.....                                      | 1,942       | 1,904   | 1,935   | 1,952   | 1,992    | 2,000   | 2,009   | 1,896   | 1,852  | -88                | 96    | 187   | 151   | 8        |
| Services.....  | 4,921       | 5,029   | 4,899   | 4,752   | 4,701    | 4,646   | 4,568   | 4,562   | 4,402  | 328                | 139   | 223   | 313   | 467      |
| All other domestic loans.....                          | 2,690       | 2,603   | 2,616   | 2,552   | 2,585    | 2,458   | 2,389   | 2,201   | 2,180  | 18                 | 384   | 330   | 274   | 402      |
| Foreign commercial and industrial loans.....           | 2,467       | 2,334   | 2,306   | 2,308   | 2,186    | 2,292   | 2,497   | 2,585   | 2,647  | 148                | -399  | 18    | 201   | 251      |
| Total loans.....                                       | #41,489     | 40,727  | 40,150  | 39,820  | 39,806   | 39,158  | 39,091  | 38,283  | 37,577 | 921                | 1,523 | 1,893 | 3,426 | 2,444    |

NOTE.—About 160 weekly reporting banks are included in this series; these banks classify, by industry, commercial and industrial loans amounting to about 90 per cent of such loans held by all weekly reporting banks and about 70 per cent of those held by all commercial banks.

For description of series see article "Revised Series on Commercial and Industrial Loans by Industry," Feb. 1967 BULLETIN, p. 209.

Commercial and industrial "term" loans are all outstanding loans with an original maturity of more than 1 year and all outstanding loans granted under a formal agreement—revolving credit or standby—on which the original maturity of the commitment was in excess of 1 year.

GROSS DEMAND DEPOSITS OF INDIVIDUALS, PARTNERSHIPS, AND CORPORATIONS<sup>1</sup>

(In billions of dollars)

| Class of bank, and quarter or month | Type of holder     |                       |          |         |           | Total deposits, IPC |
|-------------------------------------|--------------------|-----------------------|----------|---------|-----------|---------------------|
|                                     | Financial business | Nonfinancial business | Consumer | Foreign | All other |                     |
| <b>All commercial banks:</b>        |                    |                       |          |         |           |                     |
| 1970—Sept.....                      | 17.0               | 88.0                  | 51.4     | 1.4     | 10.0      | 167.9               |
| Dec.....                            | 17.3               | 92.7                  | 53.6     | 1.3     | 10.3      | 175.1               |
| 1971—Mar.....                       | 18.3               | 86.3                  | 54.4     | 1.4     | 10.5      | 170.9               |
| June.....                           | 18.1               | 89.6                  | 56.2     | 1.3     | 10.5      | 175.8               |
| Sept.....                           | 17.9               | 91.5                  | 57.5     | 1.2     | 9.7       | 177.9               |
| Dec.....                            | 18.5               | 98.4                  | 58.6     | 1.3     | 10.7      | 187.5               |
| 1972—June.....                      | 17.9               | 97.6                  | 60.5     | 1.4     | 11.0      | 188.4               |
| Sept.....                           | 18.0               | 101.5                 | 63.1     | 1.4     | 11.4      | 195.4               |
| Dec.....                            | 18.9               | 109.9                 | 65.4     | 1.5     | 12.3      | 208.0               |
| 1973—Mar.....                       | 18.6               | 102.8                 | 65.1     | 1.7     | 11.8      | 200.0               |
| June.....                           | 18.6               | 106.6                 | 67.3     | 2.0     | 11.8      | 206.3               |
| Sept.....                           | 18.8               | 108.3                 | 69.1     | 2.1     | 11.9      | 210.3               |
| Dec.....                            | 19.1               | 116.2                 | 70.1     | 2.4     | 12.4      | 220.1               |
| <b>Weekly reporting banks:</b>      |                    |                       |          |         |           |                     |
| 1971—Dec.....                       | 14.4               | 58.6                  | 24.6     | 1.2     | 5.9       | 104.8               |
| 1972—Nov.....                       | 14.5               | 60.5                  | 26.7     | 1.3     | 6.2       | 109.2               |
| Dec.....                            | 14.7               | 64.4                  | 27.1     | 1.4     | 6.6       | 114.3               |
| 1973—Jan.....                       | 15.0               | 63.1                  | 27.8     | 1.4     | 6.8       | 114.1               |
| Feb.....                            | 14.3               | 60.3                  | 26.3     | 1.6     | 6.5       | 109.0               |
| Mar.....                            | 14.4               | 59.0                  | 26.5     | 1.6     | 6.4       | 107.9               |
| Apr.....                            | 14.3               | 59.4                  | 28.6     | 1.8     | 6.4       | 110.4               |
| May.....                            | 13.8               | 59.1                  | 26.9     | 1.9     | 6.4       | 108.0               |
| June.....                           | 14.2               | 60.8                  | 27.1     | 1.9     | 6.3       | 110.2               |
| July.....                           | 14.8               | 61.1                  | 27.3     | 1.9     | 6.6       | 111.7               |
| Aug.....                            | 14.3               | 59.5                  | 27.3     | 1.9     | 6.1       | 109.1               |
| Sept.....                           | 14.5               | 60.6                  | 27.2     | 1.9     | 6.5       | 110.8               |
| Oct.....                            | 15.0               | 61.7                  | 27.3     | 2.0     | 6.6       | 112.5               |
| Nov.....                            | 14.8               | 62.9                  | 27.5     | 2.1     | 6.7       | 113.9               |
| Dec.....                            | 14.9               | 66.2                  | 28.0     | 2.2     | 6.8       | 118.1               |

<sup>1</sup> Including cash items in process of collection.

NOTE.—Daily-average balances maintained during month as estimated

from reports supplied by a sample of commercial banks. For a detailed description of the type of depositor in each category, see June 1971 BULLETIN, p. 466.

## DEPOSITS ACCUMULATED FOR PAYMENT OF PERSONAL LOANS

(In millions of dollars)

| Class of bank        |               |               |               |               | Class of bank                        |               |               |               |               |
|----------------------|---------------|---------------|---------------|---------------|--------------------------------------|---------------|---------------|---------------|---------------|
|                      | Dec. 31, 1971 | Dec. 31, 1972 | June 30, 1973 | Oct. 17, 1973 |                                      | Dec. 31, 1971 | Dec. 31, 1972 | June 30, 1973 | Oct. 17, 1973 |
| All commercial.....  | 680           | 559           | 538           | .....         | All member—Cont.                     |               |               |               |               |
| Insured.....         | 677           | 554           | 533           | 505           | Other large banks <sup>1</sup> ..... | 112           | 69            | 63            | 59            |
| National member..... | 387           | 311           | 304           | 281           | All other member <sup>1</sup> .....  | 371           | 313           | 312           | 291           |
| State member.....    | 95            | 71            | 71            | 70            | All nonmember.....                   | 197           | 177           | 163           | .....         |
| All member.....      | 482           | 381           | 375           | 350           | Insured.....                         | 195           | 172           | 158           | 155           |
|                      |               |               |               |               | Noninsured.....                      | 2             | 5             | 5             | .....         |

<sup>1</sup> Beginning Nov. 9, 1972, designation of banks as reserve city banks for reserve-requirement purposes has been based on size of bank (net demand deposits of more than \$400 million), as described in the BULLETIN for July 1972, p. 626. Categories shown here as "Other large" and "All other member" parallel the previous "Reserve City" (other than in New York City and the City of Chicago) and "Country" categories, respectively (hence the series are continuous over time).

NOTE.—These hypothecated deposits are excluded from "Time deposits" and "Loans" at commercial banks, as shown in the tables on pp. A-18, A-19, and A-24-A-28 (consumer instalment loans), and in the table at the bottom of p. A-17. These changes resulted from a change in Federal Reserve regulations. See June 1966 BULLETIN, p. 808.

These deposits have not been deducted from "Time deposits" and "Loans" for commercial banks as shown on pp. A-20 and A-21 and on pp. A-22 and A-23 (IPC only for time deposits).

**LOANS SOLD OUTRIGHT BY COMMERCIAL BANKS**

(Amounts outstanding; in millions of dollars)

| Date             | To own subsidiaries, foreign branches, holding companies, and other affiliates |                           |           | To all others except banks |                           |           |
|------------------|--|---------------------------|-----------|----------------------------|---------------------------|-----------|
|                  | Total  | By type of loan           |           | Total                      | By type of loan           |           |
|                  |  | Commercial and industrial | All other |                            | Commercial and industrial | All other |
| 1973—Oct. 3..... | 4,723  | 2,893                     | 1,830     | 1,760                      | 356                       | 1,404     |
| 10.....          | 4,606  | 2,784                     | 1,822     | 1,806                      | 351                       | 1,455     |
| 17.....          | 4,538  | 2,782                     | 1,756     | 1,788                      | 351                       | 1,437     |
| 24.....          | 4,518  | 2,825                     | 1,693     | 1,774                      | 338                       | 1,436     |
| 31.....          | 4,645  | 2,857                     | 1,788     | 1,768                      | 333                       | 1,435     |
| Nov. 7.....      | 4,317  | 2,591                     | 1,726     | 1,772                      | 343                       | 1,429     |
| 14.....          | 4,315  | 2,540                     | 1,775     | 1,779                      | 333                       | 1,446     |
| 21.....          | 4,336  | 2,656                     | 1,680     | 1,783                      | 331                       | 1,452     |
| 28.....          | 4,342  | 2,655                     | 1,687     | 1,809                      | 354                       | 1,455     |
| Dec. 5.....      | 4,407  | 2,669                     | 1,738     | 1,808                      | 346                       | 1,462     |
| 12.....          | 4,393  | 2,620                     | 1,773     | 1,790                      | 337                       | 1,453     |
| 19.....          | 4,297  | 2,580                     | 1,717     | 1,790                      | 332                       | 1,458     |
| 26.....          | 4,300  | 2,603                     | 1,697     | 1,792                      | 331                       | 1,461     |
| 1974—Jan. 2..... | 4,470  | 2,607                     | 1,863     | 1,799                      | 332                       | 1,467     |
| 9.....           | 4,487  | 2,700                     | 1,787     | 1,790                      | 325                       | 1,465     |
| 16.....          | 4,503  | 2,691                     | 1,812     | 1,791                      | 332                       | 1,459     |
| 23.....          | 4,301  | 2,508                     | 1,793     | 1,790                      | 340                       | 1,450     |
| 30.....          | 4,439  | 2,623                     | 1,816     | 1,808                      | 342                       | 1,466     |

NOTE.—Amounts sold under repurchase agreement are excluded. Figures include small amounts sold by banks other than large weekly reporting banks.

**COMMERCIAL AND FINANCE COMPANY PAPER AND BANKERS' ACCEPTANCES OUTSTANDING**

(In millions of dollars)

| End of period | Commercial and finance company paper |                        |                    |                 |                    | Dollar acceptances |                 |           |              |            |               |           |                            |                            |           |
|---------------|--------------------------------------|------------------------|--------------------|-----------------|--------------------|--------------------|-----------------|-----------|--------------|------------|---------------|-----------|----------------------------|----------------------------|-----------|
|               | Total                                | Placed through dealers |                    | Placed directly |                    | Total              | Held by—        |           |              |            |               | Based on— |                            |                            |           |
|               |                                      | Bank related           | Other <sup>1</sup> | Bank related    | Other <sup>2</sup> |                    | Accepting banks |           |              | F.R. Banks |               | Others    | Imports into United States | Exports from United States | All other |
|               |                                      |                        |                    |                 |                    |                    | Total           | Own bills | Bills bought | Own acct.  | Foreign corr. |           |                            |                            |           |
| 1965.....     | 9,300                                | 1,903                  | 7,397              | 3,392           | 1,223              | 1,094              | 129             | 187       | 144          | 1,837      | 792           | 974       | 1,626                      |                            |           |
| 1966.....     | 13,645                               | 3,089                  | 10,556             | 3,603           | 1,198              | 983                | 215             | 193       | 191          | 2,022      | 997           | 829       | 1,778                      |                            |           |
| 1967.....     | 17,085                               | 4,901                  | 12,184             | 4,317           | 1,906              | 1,447              | 459             | 164       | 156          | 2,090      | 1,086         | 989       | 2,241                      |                            |           |
| 1968.....     | 21,173                               | 7,201                  | 13,972             | 4,428           | 1,544              | 1,344              | 200             | 58        | 109          | 2,717      | 1,423         | 952       | 2,053                      |                            |           |
| 1969.....     | 32,600                               | 1,216                  | 10,601             | 3,078           | 17,705             | 5,451              | 1,567           | 1,318     | 249          | 64         | 146           | 3,674     | 1,880                      | 1,153                      | 2,408     |
| 1970.....     | 33,071                               | 409                    | 12,262             | 1,940           | 18,460             | 7,058              | 2,694           | 1,960     | 735          | 57         | 250           | 4,057     | 2,601                      | 1,561                      | 2,895     |
| 1971.....     | 32,126                               | 495                    | 10,923             | 1,478           | 19,230             | 7,889              | 3,480           | 2,689     | 791          | 261        | 254           | 3,894     | 2,834                      | 1,546                      | 3,509     |
| 1972—Dec..... | 34,721                               | 930                    | 11,242             | 1,707           | 20,842             | 6,898              | 2,706           | 2,006     | 700          | 106        | 179           | 3,907     | 2,531                      | 1,909                      | 2,458     |
| 1973—Jan..... | 35,727                               | 911                    | 11,641             | 1,795           | 21,380             | 6,564              | 2,384           | 1,825     | 560          | 141        | 198           | 3,841     | 2,337                      | 1,948                      | 2,279     |
| Feb.....      | 35,196                               | 956                    | 9,968              | 2,160           | 22,112             | 6,734              | 2,328           | 1,765     | 563          | 233        | 239           | 3,934     | 2,311                      | 2,113                      | 2,310     |
| Mar.....      | 34,052                               | 993                    | 8,366              | 2,463           | 22,230             | 6,859              | 2,269           | 1,777     | 492          | 165        | 282           | 4,143     | 2,091                      | 2,399                      | 2,368     |
| Apr.....      | 34,404                               | 1,044                  | 8,290              | 2,767           | 22,303             | 6,713              | 2,068           | 1,641     | 427          | 136        | 344           | 4,165     | 1,996                      | 2,359                      | 2,359     |
| May.....      | 35,672                               | 1,148                  | 8,288              | 2,922           | 23,314             | 6,888              | 2,197           | 1,763     | 433          | 83         | 384           | 4,225     | 2,009                      | 2,509                      | 2,371     |
| June.....     | 35,786                               | 1,173                  | 8,316              | 3,110           | 23,187             | 7,237              | 2,185           | 1,746     | 439          | 66         | 395           | 4,591     | 2,053                      | 2,755                      | 2,428     |
| July.....     | 35,463                               | 1,207                  | 7,954              | 3,307           | 22,995             | 7,693              | 2,254           | 1,803     | 452          | 132        | 496           | 4,810     | 2,222                      | 2,954                      | 2,517     |
| Aug.....      | 37,149                               | 1,350                  | 7,676              | 3,758           | 24,365             | 7,734              | 1,968           | 1,598     | 370          | 84         | 522           | 5,159     | 2,268                      | 2,945                      | 2,520     |
| Sept.....     | 37,641                               | 1,353                  | 8,845              | 3,878           | 23,565             | 8,170              | 2,099           | 1,629     | 470          | 145        | 548           | 5,379     | 2,296                      | 3,289                      | 2,585     |
| Oct.....      | 41,602                               | 1,319                  | 11,727             | 3,549           | 25,007             | 8,237              | 2,042           | 1,731     | 311          | 107        | 589           | 5,499     | 2,345                      | 3,222                      | 2,670     |
| Nov.....      | 42,945                               | 1,317                  | 12,824             | 3,655           | 25,149             | 8,493              | 2,566           | 2,129     | 437          | 71         | 604           | 5,252     | 2,320                      | 3,340                      | 2,833     |
| Dec.....      | 41,073                               | 1,311                  | 11,751             | 3,570           | 24,441             | 8,892              | 2,837           | 2,318     | 519          | 68         | 581           | 5,406     | 2,273                      | 3,499                      | 3,120     |

<sup>1</sup> As reported by dealers; includes finance company paper as well as other commercial paper sold in the open market.

<sup>2</sup> As reported by finance companies that place their paper directly with investors.

NOTE.—Back data available from Financial Statistics Division, Federal Reserve Bank of New York.



**PRIME RATE CHARGED BY BANKS**

(Per cent per annum)

| Effective date    | Rate   | Effective date   | Rate      | Effective date    | Rate       | Effective date     | Rate      |
|-------------------|--------|------------------|-----------|-------------------|------------|--------------------|-----------|
| 1969—Jan 7.....   | 7      | 1972—Jan. 3..... | 5-5½-5¼■  | 1972—Sept. 4..... | 5¼-5½■     | 1973—June 8.....   | 7¼■       |
| Mar. 17.....      | 7½     | 17.....          | 4¾-5-5¼■  | 5.....            | 5¼         | 19.....            | 7½■-7¾    |
| June 9.....       | 8½     | 24.....          | 4¾-4¾-5■  | 11.....           | 5½■-5¾■    | 25.....            | 7¾■       |
|                   |        | 31.....          | 4½-4¾■-5  | 25.....           | 5½■-5¾■-5¾ |                    |           |
| 1970—Mar. 25..... | 8      | Feb. 28.....     | 4¾-4½-    | Oct. 2.....       | 5½■-5¾     | July 2.....        | 7¾■-8     |
| Sept. 21.....     | 7½     | 4¾■              | 4¾■       | 4.....            | 5½-5¾■     | 3.....             | 7¾-8      |
| Nov. 12.....      | 7¼     | Mar. 13.....     | 4½-4¾■    | 11.....           | 5½■        | 9.....             | 8-8¼■     |
| 23.....           | 7      | 23.....          | 4¾■       | 16.....           | 5¾■-5¾     | 17.....            | 8¼■-8½    |
| Dec. 22.....      | 6¾     | 27.....          | 4¾■-4¾-5  | Nov. 6.....       | 5¾■        | 18.....            | 8¼-8½■    |
|                   |        |                  |           | 20.....           | 5¾■-5¾     | 23.....            | 8½■       |
| 1971—Jan. 6.....  | 6½     | Apr. 3.....      | 4¾■-5     | Dec. 26.....      | 5¾■-6      | 30.....            | 8½-8¾■    |
| 15.....           | 6¼     | 5.....           | 5■        | 27.....           | 5¾■-6■     | Aug. 6.....        | 8¾-9■     |
| 18.....           | 6      | 17.....          | 5■-5¼     |                   |            | 7.....             | 9■        |
| Feb. 16.....      | 5¾     | May 1.....       | 5■-5½■-5¼ | 1973—Jan. 4.....  | 6■         | 13.....            | 9-9¼■     |
| Mar. 11.....      | 5¼-5½  | 30.....          | 5■        | Feb. 2.....       | 6■-6¼      | 21.....            | 9¼■-9½    |
| 19.....           | 5¼     | June 12.....     | 5■-5½     | 14.....           | 6■         | 22.....            | 9½■       |
|                   |        | 26.....          | 5-5½■     | 26.....           | 6■-6¼      | 28.....            | 9½-9¾■    |
| Apr. 23.....      | 5¼-5½  | July 3.....      | 5¼■-5¾    | 27.....           | 6¼■        | 29.....            | 9¾■       |
| May 11.....       | 5½     | 10.....          | 5¼■-5¾-   | Mar. 19.....      | 6¼■-6¾     | Sept. 14.....      | 9¾■-10    |
| July 6.....       | 5½-6   | 17.....          | 5¼■-5½-   | 26.....           | 6½■        | 18.....            | 10■       |
| 7.....            | 6      | 31.....          | 5¼■-5¾-   | Apr. 18.....      | 6½-6¾■     | 27.....            | 9¾-10■    |
| Oct. 20.....      | 5¾     | Aug. 11.....     | 5¼■-5¾    | 19.....           | 6¾■        | Oct. 22.....       | 9½-9¾-10■ |
|                   |        | 14.....          | 5¼■       | May 4.....        | 6¾■-7      | 24.....            | 9½-9¾■-10 |
| Nov. 1.....       | 5¾■-5¾ | 21.....          | 5¼■-5¾    | 7.....            | 7■         | 1974 - Jan. 7..... | 9½-9¾■    |
| 4.....            | 5½■-5¾ | 25.....          | 5¼■-5¾-   | 24.....           | 7■-7¼■     | 14.....            | 9½-9¾■    |
| 8.....            | 5½■    | 29.....          | 5¼■-5¾-   | 25.....           | 7-7¼■      | 29.....            | 9½-9¾■    |
| 22.....           | 5¾-5½■ |                  | 5½■       |                   |            |                    | 9½-9¾■    |
| 29.....           | 5¼-5½■ |                  | 5½■       |                   |            |                    | 9½-9¾■    |
| Dec. 6.....       | 5¼-5¾- |                  | 5½■       |                   |            |                    | 9½-9¾■    |
|                   | 5½■    |                  | 5½■       |                   |            |                    | 9½-9¾■    |
| 27.....           | 5¼-5½■ |                  | 5½■       |                   |            |                    | 9½-9¾■    |
| 31.....           | 5¼■    |                  | 5½■       |                   |            |                    | 9½-9¾■    |

NOTE.—Beginning Nov. 1971, several banks adopted a floating prime rate keyed to money market variables. ■ denotes the predominate prime rate quoted by commercial banks to large businesses.

Effective Apr. 16, 1973, with the adoption of a two tier or "dual prime rate," this table shows only the "large-business prime rate" which is the range of rates charged by commercial banks on short-term loans to large businesses with the highest credit standing.

**RATES ON BUSINESS LOANS OF BANKS**

| Center                 | Size of loan (in thousands of dollars) |           |           |           |           |           |           |           |           |           |                |           |
|------------------------|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------|-----------|
|                        | All sizes                              |           | 1-9       |           | 10-99     |           | 100-499   |           | 500-999   |           | 1,000 and over |           |
|                        | Nov. 1973                              | Aug. 1973 | Nov. 1973 | Aug. 1973 | Nov. 1973 | Aug. 1973 | Nov. 1973 | Aug. 1973 | Nov. 1973 | Aug. 1973 | Nov. 1973      | Aug. 1973 |
|                        | <b>Short-term</b>                      |           |           |           |           |           |           |           |           |           |                |           |
| 35 centers.....        | 10.08                                  | 9.24      | 9.80      | 8.95      | 10.14     | 9.25      | 10.43     | 9.50      | 10.18     | 9.31      | 9.95           | 9.14      |
| New York City.....     | 9.90                                   | 9.08      | 10.04     | 8.93      | 10.28     | 9.32      | 10.31     | 9.37      | 10.01     | 9.20      | 9.83           | 9.03      |
| 7 Other Northeast..... | 10.51                                  | 9.49      | 10.34     | 9.30      | 10.57     | 9.51      | 10.86     | 9.95      | 10.58     | 9.72      | 10.32          | 9.22      |
| 8 North Central.....   | 10.02                                  | 9.24      | 9.02      | 8.21      | 9.81      | 9.02      | 10.38     | 9.44      | 10.19     | 9.28      | 9.91           | 9.21      |
| 7 Southeast.....       | 9.96                                   | 9.25      | 9.58      | 8.85      | 9.82      | 9.07      | 10.16     | 9.23      | 9.97      | 9.02      | 9.89           | 9.48      |
| 8 Southwest.....       | 10.08                                  | 9.16      | 9.91      | 9.10      | 10.09     | 9.18      | 10.28     | 9.34      | 10.04     | 9.18      | 9.97           | 9.03      |
| 4 West Coast.....      | 10.04                                  | 9.25      | 10.23     | 9.67      | 10.26     | 9.48      | 10.28     | 9.46      | 10.13     | 9.33      | 9.95           | 9.17      |
|                        | <b>Revolving credit</b>                |           |           |           |           |           |           |           |           |           |                |           |
| 35 centers.....        | 10.13                                  | 9.22      | 10.09     | 9.48      | 10.18     | 9.46      | 10.20     | 9.34      | 10.23     | 9.32      | 10.11          | 9.19      |
| New York City.....     | 10.30                                  | 9.25      | 9.84      | 8.97      | 10.09     | 9.11      | 10.33     | 9.18      | 10.21     | 9.34      | 10.31          | 9.25      |
| 7 Other Northeast..... | 10.09                                  | 9.72      | 10.36     | 9.90      | 10.69     | 9.98      | 10.55     | 10.35     | 10.32     | 10.30     | 10.00          | 9.59      |
| 8 North Central.....   | 10.22                                  | 9.44      | 9.96      | 9.55      | 10.17     | 9.34      | 9.70      | 9.17      | 10.55     | 9.42      | 10.24          | 9.48      |
| 7 Southeast.....       | 9.22                                   | 8.90      | 9.11      | 9.57      | 9.54      | 9.41      | 9.83      | 9.39      | 9.75      | 7.48      | 10.05          | 9.14      |
| 8 Southwest.....       | 10.74                                  | 9.72      | 10.46     | 8.78      | 10.19     | 9.34      | 11.22     | 9.54      | 10.72     | 10.11     | 10.64          | 9.64      |
| 4 West Coast.....      | 9.92                                   | 9.00      | 10.09     | 9.36      | 10.21     | 9.51      | 10.16     | 9.28      | 10.04     | 9.10      | 9.88           | 8.95      |
|                        | <b>Long-term</b>                       |           |           |           |           |           |           |           |           |           |                |           |
| 35 centers.....        | 10.68                                  | 9.85      | 10.36     | 9.43      | 10.45     | 9.65      | 10.23     | 9.64      | 10.54     | 9.48      | 10.78          | 9.94      |
| New York City.....     | 11.05                                  | 9.96      | 9.69      | 8.75      | 10.92     | 9.69      | 10.45     | 9.27      | 10.60     | 9.63      | 11.12          | 10.03     |
| 7 Other Northeast..... | 10.17                                  | 9.87      | 10.80     | 9.68      | 10.32     | 9.79      | 9.83      | 9.56      | 9.94      | 8.68      | 10.29          | 10.24     |
| 8 North Central.....   | 10.92                                  | 9.70      | 10.08     | 8.60      | 10.40     | 9.54      | 10.12     | 9.99      | 10.25     | 10.00     | 11.16          | 9.63      |
| 7 Southeast.....       | 12.33                                  | 9.77      | 9.10      | 9.16      | 10.98     | 9.59      | 13.07     | 9.68      | 15.73     | 11.25     | 10.96          | 9.37      |
| 8 Southwest.....       | 10.28                                  | 10.12     | 10.95     | 10.19     | 10.22     | 9.61      | 10.15     | 9.76      | 10.59     | 9.71      | 10.21          | 10.40     |
| 4 West Coast.....      | 10.18                                  | 9.71      | 9.92      | 9.97      | 10.29     | 9.58      | 9.80      | 9.57      | 10.73     | 9.25      | 10.15          | 9.80      |

NOTE.—Beginning Feb. 1971 the Quarterly Survey of Interest Rates on Business Loans was revised. For description of revised series see pp. 468-77 of the June 1971 BULLETIN.

**MONEY MARKET RATES**

(Per cent per annum)

| Period           | Prime commercial paper <sup>1</sup> |                | Finance co. paper placed directly, 3- to 6-months <sup>2</sup> | Prime bankers' acceptances, 90 days <sup>1</sup> | Federal funds rate <sup>3</sup> | U.S. Government securities <sup>4</sup> |              |                            |              |   |                    |                                  |
|------------------|-------------------------------------|----------------|--|--|---------------------------------|---|--------------|----------------------------|--------------|---|--------------------|----------------------------------|
|                  | 90-119 days                         | 4- to 6-months |  |  |                                 | 3-month bills <sup>5</sup>              |              | 6-month bills <sup>5</sup> |              | 9- to 12-month issues                   |                    | 3- to 5-year issues <sup>7</sup> |
|                  |                                     |                |  |  |                                 | Rate on new issue                       | Market yield | Rate on new issue          | Market yield | 1-year bill (market yield) <sup>5</sup> | Other <sup>6</sup> |                                  |
| 1967.....        |                                     | 5.10           | 4.89   | 4.75   | 4.22                            | 4.321                                   | 4.29         | 4.630                      | 4.61         | 4.71                                    | 4.84               | 5.07                             |
| 1968.....        |                                     | 5.90           | 5.69   | 5.75   | 5.66                            | 5.339                                   | 5.34         | 5.470                      | 5.47         | 5.46                                    | 5.62               | 5.59                             |
| 1969.....        |                                     | 7.83           | 7.16   | 7.61   | 8.22                            | 6.677                                   | 6.67         | 6.853                      | 6.86         | 6.79                                    | 7.06               | 6.85                             |
| 1970.....        |                                     | 7.72           | 7.23   | 7.31   | 7.17                            | 6.458                                   | 6.39         | 6.562                      | 6.51         | 6.49                                    | 6.90               | 7.37                             |
| 1971.....        |                                     | 5.11           | 4.91   | 4.85   | 4.66                            | 4.348                                   | 4.33         | 4.511                      | 4.52         | 4.67                                    | 4.75               | 5.77                             |
| 1972.....        |                                     | 4.66           | 4.69   | 4.52   | 4.47                            | 4.071                                   | 4.07         | 4.466                      | 4.49         | 4.77                                    | 4.86               | 5.85                             |
| 1973.....        |                                     | 8.20           | 8.15   | 7.40   | 8.08                            | 7.041                                   | 7.03         | 7.178                      | 7.20         | 7.01                                    | 7.30               | 6.92                             |
| 1973—Jan.....    | 5.76                                | 5.78           | 5.56   | 5.60   | 5.94                            | 5.307                                   | 5.41         | 5.527                      | 5.62         | 5.58                                    | 5.78               | 6.29                             |
| Feb.....         | 6.17                                | 6.22           | 5.97   | 6.14   | 6.58                            | 5.558                                   | 5.60         | 5.749                      | 5.83         | 5.93                                    | 6.07               | 6.61                             |
| Mar.....         | 6.76                                | 6.85           | 6.45   | 6.82   | 7.09                            | 6.054                                   | 6.09         | 6.430                      | 6.51         | 6.53                                    | 6.81               | 6.85                             |
| Apr.....         | 7.13                                | 7.14           | 6.76   | 6.97   | 7.12                            | 6.289                                   | 6.26         | 6.525                      | 6.52         | 6.51                                    | 6.79               | 6.74                             |
| May.....         | 7.26                                | 7.27           | 6.85   | 7.15   | 7.84                            | 6.348                                   | 6.36         | 6.615                      | 6.62         | 6.63                                    | 6.83               | 6.78                             |
| June.....        | 8.00                                | 7.99           | 7.45   | 7.98   | 8.49                            | 7.188                                   | 7.19         | 7.234                      | 7.23         | 7.05                                    | 7.27               | 6.76                             |
| July.....        | 9.26                                | 9.18           | 8.09   | 9.19   | 10.40                           | 8.015                                   | 8.01         | 8.081                      | 8.12         | 7.97                                    | 8.37               | 7.49                             |
| Aug.....         | 10.26                               | 10.21          | 8.90   | 10.18  | 10.50                           | 8.672                                   | 8.67         | 8.700                      | 8.65         | 8.32                                    | 8.82               | 7.75                             |
| Sept.....        | 10.31                               | 10.23          | 8.90   | 10.19  | 10.78                           | 8.478                                   | 8.29         | 8.537                      | 8.45         | 8.07                                    | 8.44               | 7.16                             |
| Oct.....         | 9.14                                | 8.92           | 7.84   | 9.07   | 10.01                           | 7.155                                   | 7.22         | 7.259                      | 7.32         | 7.17                                    | 7.42               | 6.81                             |
| Nov.....         | 9.11                                | 8.94           | 7.94   | 8.73   | 10.03                           | 7.866                                   | 7.83         | 7.823                      | 7.96         | 7.40                                    | 7.66               | 6.96                             |
| Dec.....         | 9.28                                | 9.08           | 8.16   | 8.94   | 9.95                            | 7.364                                   | 7.45         | 7.444                      | 7.56         | 7.01                                    | 7.38               | 6.80                             |
| 1974—Jan.....    | 8.86                                | 8.66           | 7.92   | 8.72   | 9.65                            | 7.755                                   | 7.77         | 7.627                      | 7.65         | 7.01                                    | 7.46               | 6.94                             |
| Week ending—     |                                     |                |  |  |                                 |   |              |                            |              |   |                    |                                  |
| 1973—Oct. 6..... | 9.58                                | 9.38           | 8.10   | 9.50   | 10.72                           | 7.149                                   | 7.42         | 7.584                      | 7.59         | 7.52                                    | 7.66               | 6.89                             |
| 13.....          | 9.47                                | 9.13           | 8.00   | 9.28   | 9.87                            | 7.323                                   | 7.14         | 7.259                      | 7.32         | 7.26                                    | 7.46               | 6.77                             |
| 20.....          | 9.25                                | 9.03           | 7.80   | 9.00   | 10.07                           | 7.188                                   | 7.16         | 7.242                      | 7.24         | 7.15                                    | 7.40               | 6.80                             |
| 27.....          | 8.66                                | 8.56           | 7.66   | 8.81   | 9.98                            | 6.959                                   | 7.07         | 6.951                      | 7.09         | 6.85                                    | 7.26               | 6.80                             |
| Nov. 3.....      | 8.55                                | 8.28           | 7.50   | 8.50   | 9.90                            | 7.196                                   | 7.38         | 7.263                      | 7.43         | 6.99                                    | 7.32               | 6.83                             |
| 10.....          | 8.88                                | 8.69           | 7.63   | 8.75   | 9.71                            | 8.098                                   | 8.12         | 7.987                      | 8.06         | 7.42                                    | 7.85               | 7.03                             |
| 17.....          | 9.18                                | 9.08           | 8.10   | 8.75   | 10.03                           | 8.636                                   | 8.11         | 8.381                      | 8.30         | 7.64                                    | 8.01               | 7.16                             |
| 24.....          | 9.28                                | 9.09           | 8.16   | 8.75   | 10.23                           | 7.704                                   | 7.72         | 7.805                      | 7.85         | 7.37                                    | 7.50               | 6.88                             |
| Dec. 1.....      | 9.25                                | 9.10           | 8.05   | 8.75   | 10.09                           | 7.695                                   | 7.52         | 7.679                      | 7.77         | 7.29                                    | 7.36               | 6.78                             |
| 8.....           | 9.43                                | 9.20           | 8.25   | 9.10   | 10.17                           | 7.358                                   | 7.47         | 7.766                      | 7.94         | 7.39                                    | 7.53               | 6.89                             |
| 15.....          | 9.35                                | 9.10           | 8.18   | 9.15   | 10.04                           | 7.386                                   | 7.51         | 7.530                      | 7.52         | 7.01                                    | 7.37               | 6.75                             |
| 22.....          | 9.15                                | 9.00           | 8.20   | 8.75   | 10.18                           | 7.366                                   | 7.35         | 7.164                      | 7.32         | 6.75                                    | 7.22               | 6.74                             |
| 29.....          | 9.19                                | 9.00           | 8.00   | 8.75   | 9.52                            | 7.346                                   | 7.50         | 7.315                      | 7.46         | 6.84                                    | 7.41               | 6.83                             |
| 1974—Jan. 5..... | 9.13                                | 8.88           | 8.00   | 8.75   | 9.87                            | 7.406                                   | 7.49         | 7.371                      | 7.48         | 6.94                                    | 7.37               | 6.83                             |
| 12.....          | 8.85                                | 8.65           | 7.80   | 8.75   | 9.76                            | 7.615                                   | 7.72         | 7.560                      | 7.66         | 7.07                                    | 7.41               | 6.88                             |
| 19.....          | 8.95                                | 8.75           | 7.90   | 8.75   | 9.77                            | 7.983                                   | 7.89         | 7.867                      | 7.79         | 7.04                                    | 7.52               | 6.94                             |
| 26.....          | 8.90                                | 8.68           | 8.00   | 8.75   | 9.60                            | 7.995                                   | 7.99         | 7.819                      | 7.81         | 7.07                                    | 7.58               | 7.06                             |
| Feb. 2.....      | 8.45                                | 8.38           | 7.93   | 8.55   | 9.47                            | 7.778                                   | 7.55         | 7.516                      | 7.31         | 6.80                                    | 7.33               | 6.94                             |

<sup>1</sup> Averages of the most representative daily offering rate quoted by dealers.

<sup>2</sup> Averages of the most representative daily offering rate published by finance companies, for varying maturities in the 90-179 day range.

<sup>3</sup> Seven-day averages for week ending Wednesday. Beginning with statement week ending July 25, 1973, weekly averages are based on the daily average of the range of rates on a given day weighted by the volume of transactions at these rates. For earlier statement weeks, the averages were based on the daily effective rate—the rate considered most repre-

sentative of the day's transactions, usually the one at which most transactions occurred.

<sup>4</sup> Except for new bill issues, yields are averages computed from daily closing bid prices.

<sup>5</sup> Bills quoted on bank-discount-rate basis.

<sup>6</sup> Certificates and selected note and bond issues.

<sup>7</sup> Selected note and bond issues.

NOTE.—Figures for Treasury bills are the revised series described on p. A-35 of the Oct. 1972 BULLETIN.

**BOND AND STOCK YIELDS**

(Per cent per annum)

| Period                              | Government bonds          |                    |      |      |             | Corporate bonds  |                    |                    |      |            |          |                | Stocks               |        |                      |
|-------------------------------------|---------------------------|--------------------|------|------|-------------|------------------|--------------------|--------------------|------|------------|----------|----------------|----------------------|--------|----------------------|
|                                     | United States (long-term) | State and local    |      |      | Aaa utility |                  | Total <sup>1</sup> | By selected rating |      | By group   |          |                | Dividend/price ratio |        | Earnings/price ratio |
|                                     |                           | Total <sup>1</sup> | Aaa  | Baa  | New issue   | Recently offered |                    | Aaa                | Baa  | Industrial | Railroad | Public utility | Preferred            | Common | Common               |
|                                     |                           |                    |      |      |             |                  |                    |                    |      |            |          |                |                      |        |                      |
| 1963.....                           | 4.00                      | 3.28               | 3.06 | 3.58 | 4.21        | .....            | 4.50               | 4.26               | 4.86 | 4.42       | 4.65     | 4.41           | 4.30                 | 3.17   | 5.68                 |
| 1964.....                           | 4.15                      | 3.28               | 3.09 | 3.54 | 4.34        | .....            | 4.57               | 4.40               | 4.83 | 4.52       | 4.67     | 4.53           | 4.32                 | 3.01   | 5.54                 |
| 1965.....                           | 4.21                      | 3.34               | 3.16 | 3.57 | 4.50        | 4.51             | 4.64               | 4.49               | 4.87 | 4.61       | 4.72     | 4.60           | 4.33                 | 3.00   | 5.87                 |
| 1966.....                           | 4.66                      | 3.90               | 3.67 | 4.21 | 5.43        | 5.38             | 5.34               | 5.13               | 5.67 | 5.30       | 5.37     | 5.36           | 4.97                 | 3.40   | 6.72                 |
| 1967.....                           | 4.85                      | 3.99               | 3.74 | 4.30 | 5.82        | 5.79             | 5.82               | 5.51               | 6.23 | 5.74       | 5.89     | 5.81           | 5.34                 | 3.20   | 5.71                 |
| 1968.....                           | 5.25                      | 4.48               | 4.20 | 4.88 | 6.50        | 6.47             | 6.51               | 6.18               | 6.94 | 6.41       | 6.77     | 6.49           | 5.78                 | 3.07   | 5.64                 |
| 1969.....                           | 6.10                      | 5.73               | 5.45 | 6.07 | 7.71        | 7.64             | 7.36               | 7.03               | 7.81 | 7.22       | 7.46     | 7.49           | 6.41                 | 3.24   | 6.08                 |
| 1970.....                           | 6.59                      | 6.42               | 6.12 | 6.75 | 8.68        | 8.71             | 8.51               | 8.04               | 9.11 | 8.26       | 8.77     | 8.68           | 7.22                 | 3.83   | 6.46                 |
| 1971.....                           | 5.74                      | 5.62               | 5.22 | 5.89 | 7.62        | 7.66             | 7.94               | 7.39               | 8.56 | 7.57       | 8.38     | 8.13           | 6.75                 | 3.14   | 5.41                 |
| 1972.....                           | 5.63                      | 5.30               | 5.04 | 5.60 | 7.31        | 7.34             | 7.63               | 7.21               | 8.16 | 7.35       | 7.99     | 7.74           | 7.27                 | 2.84   | 5.50                 |
| 1973.....                           | 6.30                      | 5.22               | 4.99 | 5.49 | 7.74        | 7.75             | 7.80               | 7.44               | 8.24 | 7.60       | 8.12     | 7.83           | 7.23                 | 3.06   | .....                |
| 1973—Jan.....                       | 5.94                      | 5.13               | 4.90 | 5.39 | 7.38        | 7.37             | 7.49               | 7.15               | 7.90 | 7.27       | 7.87     | 7.51           | 6.85                 | 2.69   | .....                |
| Feb.....                            | 6.14                      | 5.17               | 4.95 | 5.44 | 7.40        | 7.42             | 7.57               | 7.22               | 7.97 | 7.34       | 7.92     | 7.61           | 6.91                 | 2.80   | .....                |
| Mar.....                            | 6.20                      | 5.30               | 5.07 | 5.58 | 7.49        | 7.54             | 7.62               | 7.29               | 8.03 | 7.43       | 7.94     | 7.64           | 7.03                 | 2.83   | 6.10                 |
| Apr.....                            | 6.11                      | 5.17               | 4.95 | 5.42 | 7.46        | 7.47             | 7.62               | 7.26               | 8.09 | 7.43       | 7.98     | 7.64           | 7.11                 | 2.90   | .....                |
| May.....                            | 6.22                      | 5.13               | 4.90 | 5.41 | 7.51        | 7.50             | 7.62               | 7.29               | 8.06 | 7.41       | 8.01     | 7.63           | 7.13                 | 3.01   | .....                |
| June.....                           | 6.32                      | 5.25               | 5.05 | 5.51 | 7.64        | 7.64             | 7.69               | 7.37               | 8.13 | 7.49       | 8.07     | 7.69           | 7.25                 | 3.06   | 6.93                 |
| July.....                           | 6.53                      | 5.44               | 5.21 | 5.71 | 8.01        | 7.97             | 7.80               | 7.45               | 8.24 | 7.59       | 8.17     | 7.81           | 7.35                 | 3.04   | .....                |
| Aug.....                            | 6.81                      | 5.51               | 5.26 | 5.80 | 8.36        | 8.22             | 8.04               | 7.68               | 8.53 | 7.91       | 8.32     | 8.06           | 7.43                 | 3.16   | .....                |
| Sept.....                           | 6.42                      | 5.13               | 4.90 | 5.41 | 7.88        | 7.99             | 8.06               | 7.63               | 8.63 | 7.89       | 8.37     | 8.09           | 7.38                 | 3.13   | 7.06                 |
| Oct.....                            | 6.26                      | 5.03               | 4.76 | 5.31 | 7.90        | 7.94             | 7.96               | 7.60               | 8.41 | 7.76       | 8.24     | 8.04           | 7.18                 | 3.05   | .....                |
| Nov.....                            | 6.31                      | 5.21               | 5.03 | 5.46 | 7.90        | 7.94             | 8.02               | 7.67               | 8.42 | 7.81       | 8.28     | 8.11           | 7.40                 | 3.36   | .....                |
| Dec.....                            | 6.35                      | 5.14               | 4.90 | 5.43 | 8.00        | 8.04             | 8.05               | 7.68               | 8.48 | 7.84       | 8.28     | 8.17           | 7.76                 | 3.70   | .....                |
| 1974—Jan.....                       | 6.56                      | 5.23               | 5.03 | 5.49 | 8.21        | 8.22             | 8.15               | 7.83               | 8.58 | 7.97       | 8.34     | 8.27           | 7.60                 | 3.64   | .....                |
| Week ending—                        |                           |                    |      |      |             |                  |                    |                    |      |            |          |                |                      |        |                      |
| 1973—Dec. 1..                       | 6.27                      | 5.16               | 5.00 | 5.40 | 7.85        | 7.87             | 8.01               | 7.64               | 8.42 | 7.81       | 8.30     | 8.09           | 7.51                 | 3.55   | .....                |
| 8..                                 | 6.31                      | 5.20               | 5.00 | 5.45 | 8.06        | 7.98             | 8.02               | 7.65               | 8.43 | 7.81       | 8.25     | 8.13           | 7.61                 | 3.77   | .....                |
| 15..                                | 6.30                      | 5.13               | 4.90 | 5.45 | 7.97        | 7.98             | 8.04               | 7.67               | 8.48 | 7.83       | 8.26     | 8.17           | 7.70                 | 3.72   | .....                |
| 22..                                | 6.34                      | 5.11               | 4.85 | 5.40 | 7.98        | 8.05             | 8.06               | 7.68               | 8.50 | 7.85       | 8.31     | 8.18           | 7.82                 | 3.67   | .....                |
| 29..                                | 6.47                      | 5.11               | 4.85 | 5.40 | .....       | 8.10             | 8.08               | 7.73               | 8.52 | 7.87       | 8.31     | 8.21           | 7.90                 | 3.64   | .....                |
| 1974—Jan. 5..                       | 6.52                      | 5.16               | 4.90 | 5.50 | .....       | 8.13             | 8.10               | 7.73               | 8.54 | 7.87       | 8.35     | 8.22           | 7.81                 | 3.56   | .....                |
| 12..                                | 6.57                      | 5.24               | 5.05 | 5.50 | 8.17        | 8.25             | 8.12               | 7.77               | 8.56 | 7.92       | 8.37     | 8.23           | 7.55                 | 3.73   | .....                |
| 19..                                | 6.57                      | 5.24               | 5.05 | 5.45 | 8.27        | 8.21             | 8.16               | 7.85               | 8.58 | 7.98       | 8.35     | 8.26           | 7.51                 | 3.65   | .....                |
| 26..                                | 6.57                      | 5.28               | 5.10 | 5.50 | 8.24        | 8.26             | 8.18               | 7.88               | 8.60 | 8.02       | 8.31     | 8.32           | 7.49                 | 3.60   | .....                |
| Feb. 2..                            | 6.55                      | 5.24               | 5.05 | 5.50 | 8.11        | 8.19             | 8.18               | 7.87               | 8.58 | 8.01       | 8.30     | 8.33           | 7.62                 | 3.65   | .....                |
| Number of issues <sup>2</sup> ..... | 12                        | 20                 | 5    | 5    | .....       | .....            | 121                | 20                 | 30   | 41         | 30       | 40             | 14                   | 500    | 500                  |

<sup>1</sup> Includes bonds rated Aa and A, data for which are not shown separately. Because of a limited number of suitable issues, the number of corporate bonds in some groups has varied somewhat. As of Dec. 23, 1967, there is no longer an Aaa-rated railroad bond series.

<sup>2</sup> Number of issues varies over time; figures shown reflect most recent count.

NOTE.—Annual yields are averages of monthly or quarterly data. Bonds: Monthly and weekly yields are computed as follows: (1) U.S. Govt.: Averages of daily figures for bonds maturing or callable in 10 years or more; from Treasury Dept. (2) State and local govt.: General obligations

only, based on Thurs. figures; from Moody's Investor Service. (3) Corporate: Rates for "New issue" and "Recently offered" Aaa utility bonds are weekly averages compiled by the Board of Governors of the Federal Reserve System. Rates for seasoned issues are averages of daily figures from Moody's Investors Service.

Stocks: Standard and Poor's corporate series. Dividend/price ratios are based on Wed. figures; earnings/price ratios are as of end of period. Preferred stock ratio is based on eight median yields for a sample of non-callable issues—12 industrial and 2 public utility; common stock ratios on the 500 stocks in the price index. Quarterly earnings are seasonally adjusted at annual rates.

Notes to tables on opposite page:

**Security Prices:**

<sup>1</sup> Through Aug. 1973 the index is based upon an initial value of 10.90—the average price of a share of stock listed on the American Stock Exchange was \$10.90 on June 30, 1965. As of Sept. 1973, a new market-value index with a starting value of 100.00 replaced the previous series. An index for past periods is being calculated on the new market-value basis and will be published as it becomes available.

NOTE.—Annual data are averages of monthly figures. Monthly and weekly data are averages of daily figures unless otherwise noted and are computed as follows: U.S. Govt. bonds, derived from average market yields in table on p. A-34 on basis of an assumed 3 per cent, 20-year bond. Municipal and corporate bonds, derived from average yields as computed by Standard and Poor's Corp., on basis of a 4 per cent, 20-year bond; Wed. closing prices. Common stocks, derived from component common stock prices. Average daily volume of trading, normally conducted 5 days per week for 5½ hours per day, or 27½ hours per week. In recent years shorter days and/or weeks have cut total weekly trading to the following number of hours: 1967—Aug. 8–20, 20; 1968—Jan. 22–Mar. 1, 20; June 30–Dec. 31, 22; 1969—Jan. 3–July 3, 20; July 7–Dec. 31–22½; 1970—Jan. 2–May 1, 25.

**Terms on Mortgages:**

<sup>1</sup> Fees and charges—related to principal mortgage amount—include loan commissions, fees, discounts, and other charges, which provide added income to the lender and are paid by the borrower. They exclude any closing costs related solely to transfer of property ownership.

NOTE.—Compiled by Federal Home Loan Bank Board in cooperation with Federal Deposit Insurance Corporation. Data are weighted averages based on probability sample survey of characteristics of mortgages originated by major institutional lender groups (including mortgage companies) for purchase of single-family homes. Data exclude loans for refinancing, reconditioning, or modernization; construction loans to homebuilders; and permanent loans that are coupled with construction loans to owner-builders. Series revised beginning Jan. 1973; hence data are not strictly comparable with earlier figures. See also the table on Home-Mortgage Yields, p. A-53.

SECURITY PRICES

| Period        | Bond prices<br>(per cent of par) |                 |               | Common stock prices                       |            |          |                |   |            |                |         |         |  |        | Volume of trading in stocks<br>(thousands of shares) |       |
|---------------|----------------------------------|-----------------|---------------|---|------------|----------|----------------|---|------------|----------------|---------|---------|--|--------|--|-------|
|               |                                  |                 |               | New York Stock Exchange                   |            |          |                |   |            |                |         |         |  |        |  |       |
|               | U.S. Govt. (long-term)           | State and local | Corporate AAA | Standard and Poor's index<br>(1941-43=10) |            |          |                | New York Stock Exchange index<br>(Dec. 31, 1965=50) |            |                |         |         | American Stock Exchange total index <sup>1</sup> | NYSE   | AMLX   |       |
|               |                                  |                 |               | Total                                     | Industrial | Railroad | Public utility | Total   | Industrial | Transportation | Utility | Finance |  |        |  |       |
| 1963.....     | 86.31                            | 111.3           | 96.8          | 69.87                                     | 73.39      | 37.58    | 64.99          | .....   | .....      | .....          | .....   | .....   | .....  | 8.52   | 4,573  | 1,269 |
| 1964.....     | 84.46                            | 111.5           | 95.1          | 81.37                                     | 86.19      | 45.46    | 69.91          | .....   | .....      | .....          | .....   | .....   | .....  | 9.81   | 4,888  | 1,570 |
| 1965.....     | 83.76                            | 110.6           | 93.9          | 88.17                                     | 93.48      | 46.78    | 76.08          | .....   | .....      | .....          | .....   | .....   | .....  | 12.05  | 6,174  | 2,120 |
| 1966.....     | 78.63                            | 102.6           | 86.1          | 85.26                                     | 91.09      | 46.34    | 68.21          | 44.16   | 43.79      | 48.23          | 44.77   | 44.43   | 14.67  | 7,538  | 2,752  |       |
| 1967.....     | 76.55                            | 100.5           | 81.8          | 91.93                                     | 99.18      | 46.72    | 68.10          | 50.77   | 51.97      | 53.51          | 45.43   | 49.82   | 19.67  | 10,143 | 4,508  |       |
| 1968.....     | 72.33                            | 93.5            | 76.4          | 98.70                                     | 107.49     | 48.84    | 66.42          | 55.37   | 58.00      | 50.58          | 44.19   | 65.85   | 27.72  | 12,971 | 6,353  |       |
| 1969.....     | 64.49                            | 79.0            | 68.5          | 97.84                                     | 107.13     | 45.95    | 62.64          | 54.67   | 57.45      | 46.96          | 42.80   | 70.49   | 28.73  | 11,403 | 5,001  |       |
| 1970.....     | 60.52                            | 72.3            | 61.6          | 83.22                                     | 91.29      | 32.13    | 54.48          | 45.72   | 48.03      | 32.14          | 37.24   | 54.64   | 22.59  | 10,532 | 3,376  |       |
| 1971.....     | 67.73                            | 80.0            | 65.0          | 98.29                                     | 108.35     | 41.94    | 59.33          | 54.22   | 57.92      | 44.35          | 39.53   | 70.38   | 25.22  | 17,429 | 4,234  |       |
| 1972.....     | 68.71                            | 84.4            | 65.9          | 109.20                                    | 121.79     | 44.11    | 56.90          | 60.29   | 65.73      | 50.17          | 38.48   | 78.35   | 27.00  | 16,487 | 4,447  |       |
| 1973.....     | 62.80                            | 85.4            | 63.7          | 107.43                                    | 120.44     | 38.05    | 53.47          | 57.42   | 63.08      | 37.74          | 37.69   | 70.12   | n.a.   | 16,374 | 3,004  |       |
| 1973—Jan..... | 65.89                            | 86.9            | 66.0          | 118.42                                    | 132.55     | 42.87    | 60.01          | 64.38   | 70.55      | 45.14          | 41.72   | 81.62   | 25.35  | 18,752 | 4,046  |       |
| Feb.....      | 64.09                            | 86.1            | 65.5          | 114.16                                    | 128.50     | 40.80    | 57.52          | 61.52   | 67.67      | 42.34          | 39.95   | 74.47   | 25.34  | 16,753 | 3,690  |       |
| Mar.....      | 63.59                            | 84.1            | 65.2          | 112.42                                    | 126.05     | 39.29    | 55.94          | 60.15   | 66.20      | 40.92          | 39.13   | 72.32   | 24.59  | 15,564 | 2,966  |       |
| Apr.....      | 64.39                            | 85.7            | 64.9          | 110.27                                    | 123.56     | 35.88    | 55.34          | 58.67   | 64.41      | 40.57          | 38.97   | 69.42   | 24.02  | 13,900 | 2,981  |       |
| May.....      | 63.43                            | 86.1            | 64.7          | 107.22                                    | 119.95     | 36.14    | 55.43          | 56.74   | 62.22      | 36.66          | 39.01   | 65.33   | 23.12  | 15,329 | 3,043  |       |
| June.....     | 62.61                            | 85.8            | 64.4          | 104.75                                    | 117.20     | 34.35    | 54.37          | 55.14   | 60.52      | 33.72          | 37.95   | 63.52   | 22.44  | 12,796 | 2,316  |       |
| July.....     | 60.87                            | 83.2            | 63.8          | 105.83                                    | 118.65     | 35.22    | 53.31          | 56.12   | 61.53      | 34.22          | 37.68   | 68.95   | 22.89  | 14,655 | 2,522  |       |
| Aug.....      | 58.71                            | 82.2            | 61.0          | 103.80                                    | 116.75     | 33.76    | 50.14          | 55.33   | 61.09      | 33.48          | 35.40   | 68.26   | 23.03  | 14,761 | 1,796  |       |
| Sept.....     | 61.81                            | 86.2            | 61.3          | 105.61                                    | 118.52     | 35.49    | 52.31          | 56.71   | 62.25      | 35.82          | 36.79   | 72.23   | 101.88   | 17,320 | 2,055  |       |
| Oct.....      | 63.13                            | 86.9            | 62.1          | 109.84                                    | 123.42     | 38.24    | 53.22          | 59.26   | 65.29      | 39.03          | 37.47   | 74.98   | 107.97   | 18,387 | 3,388  |       |
| Nov.....      | 62.71                            | 85.6            | 62.1          | 102.03                                    | 114.64     | 39.74    | 48.30          | 54.59   | 60.15      | 36.31          | 34.73   | 67.85   | 99.91  | 19,044 | 3,693  |       |
| Dec.....      | 62.37                            | 86.1            | 62.9          | 94.78                                     | 106.16     | 41.48    | 45.73          | 50.39   | 55.12      | 34.69          | 33.47   | 62.49   | 88.39  | 19,227 | 3,553  |       |
| 1974—Jan..... | 60.66                            | 85.2            | 62.3          | 96.11                                     | 107.18     | 44.37    | 48.60          | 51.39   | 55.77      | 36.85          | 35.89   | 64.80   | 95.32  | 16,506 | 2,757  |       |
| Week ending—  |                                  |                 |               |   |            |          |                |   |            |                |         |         |  |        |  |       |
| Jan. 5.....   | 60.98                            | 85.8            | 62.6          | 98.48                                     | 110.02     | 46.68    | 48.24          | 52.47   | 57.17      | 38.41          | 35.12   | 65.69   | 92.66  | 20,522 | 4,138  |       |
| 12.....       | 60.61                            | 85.4            | 62.5          | 96.98                                     | 105.50     | 44.63    | 48.54          | 50.74   | 54.87      | 36.44          | 35.25   | 64.90   | 94.85  | 17,293 | 3,005  |       |
| 19.....       | 60.58                            | 85.1            | 62.2          | 95.24                                     | 106.11     | 44.56    | 48.58          | 50.97   | 55.19      | 36.67          | 35.24   | 64.87   | 94.74  | 16,059 | 2,541  |       |
| 26.....       | 60.60                            | 84.8            | 62.0          | 96.49                                     | 107.68     | 43.63    | 48.61          | 51.56   | 56.04      | 36.73          | 35.28   | 64.34   | 96.06  | 16,139 | 2,754  |       |
| Feb. 2.....   | 60.76                            | 85.2            | 62.2          | 96.21                                     | 107.39     | 42.59    | 48.56          | 51.45   | 55.92      | 36.27          | 35.28   | 64.14   | 97.03  | 13,910 | 1,957  |       |

For notes see opposite page.

TERMS ON CONVENTIONAL FIRST MORTGAGES

| Period        | New homes                |  |                  |                             |                                    |                                 | Existing homes           |  |                  |                             |                                    |                                 |
|---------------|--------------------------|--|------------------|-----------------------------|------------------------------------|---------------------------------|--------------------------|--|------------------|-----------------------------|------------------------------------|---------------------------------|
|               | Contract rate (per cent) | Fees & charges (per cent) <sup>1</sup> | Maturity (years) | Loan/price ratio (per cent) | Purchase price (thous. of dollars) | Loan amount (thous. of dollars) | Contract rate (per cent) | Fees & charges (per cent) <sup>1</sup> | Maturity (years) | Loan/price ratio (per cent) | Purchase price (thous. of dollars) | Loan amount (thous. of dollars) |
| 1965.....     | 5.74                     | .49                                    | 25.0             | 73.9                        | 25.1                               | 18.3                            | 5.87                     | .55                                    | 21.8             | 72.7                        | 21.6                               | 15.6                            |
| 1966.....     | 6.14                     | .71                                    | 24.7             | 73.0                        | 26.6                               | 19.2                            | 6.30                     | .72                                    | 21.7             | 72.0                        | 22.2                               | 15.9                            |
| 1967.....     | 6.33                     | .81                                    | 25.2             | 73.6                        | 28.0                               | 20.4                            | 6.40                     | .76                                    | 22.5             | 72.7                        | 24.1                               | 17.4                            |
| 1968.....     | 6.83                     | .89                                    | 25.5             | 73.9                        | 30.7                               | 22.4                            | 6.90                     | .83                                    | 22.7             | 73.0                        | 25.6                               | 18.5                            |
| 1969.....     | 7.66                     | .91                                    | 25.5             | 72.8                        | 34.1                               | 24.5                            | 7.68                     | .88                                    | 22.7             | 71.5                        | 28.3                               | 19.9                            |
| 1970.....     | 8.27                     | 1.03                                   | 25.1             | 71.7                        | 35.5                               | 25.2                            | 8.20                     | .92                                    | 22.8             | 71.1                        | 30.0                               | 21.0                            |
| 1971.....     | 7.60                     | .87                                    | 26.2             | 74.3                        | 36.3                               | 26.5                            | 7.54                     | .77                                    | 24.2             | 73.9                        | 31.7                               | 23.1                            |
| 1972.....     | 7.45                     | .88                                    | 27.2             | 76.8                        | 37.3                               | 28.1                            | 7.38                     | .81                                    | 25.7             | 76.0                        | 33.4                               | 25.0                            |
| 1972—Dec..... | 7.51                     | .92                                    | 27.5             | 78.0                        | 37.9                               | 29.0                            | 7.45                     | .86                                    | 26.4             | 76.8                        | 34.0                               | 25.7                            |
| 1973—Jan..... | 7.52                     | 1.03                                   | 25.7             | 76.6                        | 35.8                               | 27.0                            | 7.53                     | .94                                    | 23.2             | 75.2                        | 30.5                               | 22.6                            |
| Feb.....      | 7.52                     | 1.15                                   | 26.8             | 78.6                        | 35.9                               | 27.6                            | 7.55                     | 1.03                                   | 23.6             | 77.5                        | 29.2                               | 22.0                            |
| Mar.....      | 7.51                     | 1.09                                   | 26.6             | 78.4                        | 36.7                               | 28.3                            | 7.54                     | .95                                    | 23.3             | 76.9                        | 29.3                               | 22.0                            |
| Apr.....      | 7.53                     | 1.11                                   | 26.6             | 78.2                        | 36.9                               | 28.2                            | 7.55                     | .96                                    | 23.9             | 77.3                        | 30.1                               | 22.8                            |
| May.....      | 7.55                     | 1.05                                   | 25.9             | 77.7                        | 35.6                               | 27.2                            | 7.62                     | .93                                    | 23.5             | 77.5                        | 30.0                               | 22.3                            |
| June.....     | 7.62                     | 1.08                                   | 26.3             | 78.0                        | 35.8                               | 27.5                            | 7.64                     | .92                                    | 23.4             | 75.9                        | 31.7                               | 23.5                            |
| July.....     | 7.69                     | 1.11                                   | 26.3             | 78.1                        | 37.0                               | 28.3                            | 7.70                     | .91                                    | 24.1             | 75.5                        | 33.3                               | 24.6                            |
| Aug.....      | 7.77                     | 1.08                                   | 26.7             | 76.7                        | 38.6                               | 28.9                            | 7.87                     | .92                                    | 23.4             | 75.6                        | 32.0                               | 23.6                            |
| Sept.....     | 7.98                     | 1.19                                   | 26.6             | 77.3                        | 37.2                               | 28.2                            | 8.10                     | .97                                    | 23.1             | 74.1                        | 32.8                               | 23.5                            |
| Oct.....      | 8.12                     | 1.20                                   | 26.1             | 76.9                        | 38.5                               | 29.0                            | 8.35                     | .92                                    | 22.5             | 72.7                        | 31.8                               | 22.6                            |
| Nov.....      | 8.22                     | 1.08                                   | 26.0             | 75.5                        | 38.9                               | 28.8                            | 8.42                     | .94                                    | 22.2             | 71.2                        | 32.3                               | 22.6                            |
| Dec.....      | 8.28                     | 1.13                                   | 26.4             | 75.7                        | 38.9                               | 29.0                            | 8.45                     | .92                                    | 22.3             | 72.9                        | 30.8                               | 22.1                            |

For notes see opposite page.

**STOCK MARKET CUSTOMER FINANCING**

(In millions of dollars)

| End of period | Margin credit at brokers and banks <sup>1</sup> |         |        |              |         |                   |         |                     |       |                                 | Free credit balances at brokers <sup>4</sup> |       |
|---------------|---|---------|--------|--------------|---------|-------------------|---------|---------------------|-------|---------------------------------|--|-------|
|               | Regulated <sup>2</sup>                          |         |        |              |         |                   |         |                     |       | Unregulated <sup>3</sup>        |  |       |
|               | By source                                       |         |        | By type      |         |                   |         |                     |       |                                 |  |       |
|               | Total   | Brokers | Banks  | Margin stock |         | Convertible bonds |         | Subscription issues |       | Nonmargin stock credit at banks |  |       |
| Brokers       |   |         |        | Banks        | Brokers | Banks             | Brokers | Banks               |       |                                 |  |       |
| 1972—Dec..... | 9,045   | 8,180   | 865    | 7,900        | 798     | 254               | 50      | 26                  | 17    | 1,896                           | 414  | 1,957 |
| 1973—Jan..... | 8,840   | 7,975   | 865    | 7,700        | 796     | 249               | 48      | 26                  | 21    | †1,932                          | 413  | 1,883 |
| Feb.....      | 8,640   | 7,773   | 867    | †7,500       | 800     | 248               | 50      | 25                  | 17    | †1,951                          | 431  | 1,770 |
| Mar.....      | 8,347   | 7,468   | 879    | †7,200       | 813     | 244               | 48      | 24                  | 18    | †1,862                          | 442  | 1,719 |
| Apr.....      | 8,165   | 7,293   | 872    | 7,040        | 804     | 232               | 49      | 21                  | 19    | †1,952                          | 389  | 1,536 |
| May.....      | 7,650   | 6,784   | 866    | 6,540        | 802     | 224               | 47      | 20                  | 18    | †1,992                          | 413  | 1,564 |
| June.....     | †7,369  | 6,416   | †953   | 6,180        | †885    | 215               | 53      | 21                  | 15    | †1,973                          | 396  | 1,472 |
| July.....     | †7,299  | 6,243   | †1,056 | 6,010        | †976    | 216               | †64     | 17                  | †16   | †1,957                          | 379  | 1,542 |
| Aug.....      | †7,081  | 6,056   | †1,025 | 5,830        | †949    | 210               | †61     | 16                  | †15   | †1,952                          | 348  | 1,462 |
| Sept.....     | †6,954  | 5,949   | †1,005 | 5,730        | †929    | 204               | †60     | 15                  | †16   | †1,909                          | 379  | 1,632 |
| Oct.....      | †7,093  | 5,912   | †1,181 | 5,690        | 1,150   | 203               | †59     | 19                  | †17   | †1,878                          | 419  | 1,713 |
| Nov.....      | .....   | 5,671   | .....  | 5,460        | .....   | 197               | .....   | 14                  | ..... | .....                           | 464  | 1,685 |
| Dec.....      | .....   | 5,251   | .....  | 5,050        | .....   | 189               | .....   | 12                  | ..... | .....                           | 454  | 1,700 |

<sup>1</sup> Margin credit includes all credit extended to purchase or carry stocks or related equity instruments and secured at least in part by stock (see Dec. 1970 BULLETIN). Credit extended by brokers is end-of-month data for member firms of the New York Stock Exchange. June data for banks are universe totals; all other data for banks represent estimates for all commercial banks based on reports by a reporting sample, which accounted for 60 per cent of security credit outstanding at banks on June 30, 1971.

<sup>2</sup> In addition to assigning a current loan value to margin stock generally,

Regulations T and U permit special loan values for convertible bonds and stock acquired through exercise of subscription rights.

<sup>3</sup> Nonmargin stocks are those not listed on a national securities exchange and not included on the Federal Reserve System's list of Over the Counter margin stocks. At banks, loans to purchase or carry nonmargin stocks are unregulated; at brokers, such stocks have no loan value.

<sup>4</sup> Free credit balances are in accounts with no unfulfilled commitments to the brokers and are subject to withdrawal by customers on demand.

**EQUITY STATUS OF MARGIN ACCOUNT DEBT AT BROKERS**

(Per cent of total debt, except as noted)

| End of period | Total debt (millions of dollars) <sup>1</sup> | Equity class (per cent) |       |       |       |       |          |
|---------------|---|-------------------------|-------|-------|-------|-------|----------|
|               |   | 80 or more              | 70-79 | 60-69 | 50-59 | 40-49 | Under 40 |
| 1972—Dec..    | 7,900   | 6.5                     | 8.6   | 17.6  | 31.9  | 20.3  | 15.0     |
| 1973—Jan..    | 7,700   | 5.8                     | 8.2   | 16.8  | 27.8  | 21.2  | 20.0     |
| Feb.....      | 7,500   | 5.3                     | 7.8   | 14.7  | 23.9  | 22.5  | 25.6     |
| Mar.....      | 7,200   | 5.7                     | 7.5   | 15.9  | 23.1  | 22.7  | 25.1     |
| Apr.....      | 7,040   | 4.8                     | 7.3   | 13.4  | 19.8  | 22.4  | 32.4     |
| May.....      | 6,540   | 4.9                     | 7.2   | 12.7  | 18.7  | 21.9  | 34.9     |
| June.....     | 6,180   | 4.9                     | 7.1   | 13.2  | 17.5  | 22.1  | 35.3     |
| July.....     | 6,010   | 5.8                     | 8.8   | 17.7  | 22.7  | 25.3  | 19.7     |
| Aug.....      | 5,830   | 5.0                     | 8.4   | 16.4  | 19.6  | 24.2  | 26.4     |
| Sept.....     | 5,730   | 5.0                     | 13.9  | 18.9  | 23.9  | 23.5  | 16.8     |
| Oct.....      | 5,690   | 7.2                     | 10.0  | 19.9  | 22.6  | 22.1  | 18.2     |
| Nov.....      | 5,460   | 5.4                     | 6.1   | 12.0  | 16.9  | 19.5  | 40.1     |
| Dec.....      | 5,050   | 5.8                     | 7.7   | 14.4  | 17.4  | 20.3  | 34.2     |

<sup>1</sup> See note 1 to table above.

NOTE.—Each customer's equity in his collateral (market value of collateral less net debit balance) is expressed as a percentage of current collateral values.

**SPECIAL MISCELLANEOUS ACCOUNT BALANCES AT BROKERS, BY EQUITY STATUS OF ACCOUNTS**

(Per cent of total, except as noted)

| End of period | Net credit status | Equity class of accounts in debit status |                       | Total balance (millions of dollars) |
|---------------|-------------------|--|-----------------------|-------------------------------------|
|               |                   | 60 per cent or more                      | Less than 60 per cent |                                     |
| 1972—Dec..... | 34.4              | 52.9                                     | 12.7                  | 6,100                               |
| 1973—Jan..... | 35.1              | 51.7                                     | 13.1                  | 5,850                               |
| Feb.....      | 35.8              | 49.8                                     | 14.4                  | 5,770                               |
| Mar.....      | 36.3              | 47.9                                     | 15.7                  | 5,790                               |
| Apr.....      | 35.3              | 46.9                                     | 18.0                  | 5,660                               |
| May.....      | 35.8              | 45.0                                     | 19.1                  | 5,670                               |
| June.....     | 35.8              | 43.5                                     | 20.7                  | 5,750                               |
| July.....     | 35.9              | 46.7                                     | 17.4                  | 5,740                               |
| Aug.....      | 35.9              | 45.6                                     | 18.5                  | 5,650                               |
| Sept.....     | 37.4              | 53.1                                     | 9.4                   | 5,740                               |
| Oct.....      | 38.5              | 46.7                                     | 14.8                  | 5,860                               |
| Nov.....      | 37.5              | 42.2                                     | 20.3                  | 5,882                               |
| Dec.....      | 39.4              | 40.0                                     | 20.6                  | 5,935                               |

NOTE.—Special miscellaneous accounts contain credit balances that may be used by customers as the margin deposit required for additional purchases. Balances may arise as transfers based on loan values of other collateral in the customer's margin account or deposits of cash (usually sales proceeds) occur.

MUTUAL SAVINGS BANKS  
(In millions of dollars)

| End of period           | Loans         |       | Securities    |                                |   |       |                 | Total assets—<br>Total liabilities<br>and<br>general<br>reserve<br>accs. | Deposits <sup>2</sup> | Other<br>liabilities | General<br>reserve<br>ac-<br>counts | Mortgage loan<br>commitments <sup>3</sup><br>classified by maturity<br>(in months) |       |       |           |       | Total |
|-------------------------|---------------|-------|---------------|--------------------------------|---|-------|-----------------|--|-----------------------|----------------------|-------------------------------------|--|-------|-------|-----------|-------|-------|
|                         | Mort-<br>gage | Other | U.S.<br>Govt. | State<br>and<br>local<br>govt. | Corpo-<br>rate<br>and<br>other <sup>1</sup> | Cash  | Other<br>assets |  |                       |                      |                                     | 3 or<br>less   | 3-6   | 6-9   | Over<br>9 |       |       |
|                         |               |       |               |                                |   |       |                 |  |                       |                      |                                     |  |       |       |           |       |       |
| 1965.....               | 44,433        | 862   | 5,485         | 320                            | 5,170                                       | 1,017 | 944             | 58,232   | 52,443                | 1,124                | 4,665                               |  |       |       |           | 2,697 |       |
| 1966.....               | 47,193        | 1,078 | 4,764         | 251                            | 5,719                                       | 953   | 1,024           | 60,982   | 55,006                | 1,114                | 4,863                               |  |       |       |           | 2,010 |       |
| 1967.....               | 50,311        | 1,203 | 4,319         | 219                            | 8,183                                       | 993   | 1,138           | 66,365   | 60,121                | 1,260                | 4,984                               | 742  | 982   | 799   |           | 2,523 |       |
| 1968.....               | 53,286        | 1,407 | 3,834         | 194                            | 10,180                                      | 996   | 1,256           | 71,152   | 64,507                | 1,372                | 5,273                               | 811  | 1,034 | 1,166 |           | 3,011 |       |
| 1969.....               | 55,781        | 1,824 | 3,296         | 200                            | 10,824                                      | 912   | 1,307           | 74,144   | 67,026                | 1,588                | 5,530                               | 584  | 485   | 452   | 946       | 2,467 |       |
| 1970.....               | 57,775        | 2,255 | 3,151         | 197                            | 12,876                                      | 1,270 | 1,471           | 78,995   | 71,580                | 1,690                | 5,726                               | 619  | 322   | 302   | 688       | 1,931 |       |
| 1971.....               | 62,069        | 2,808 | 3,334         | 385                            | 17,674                                      | 1,389 | 1,711           | 89,369   | 81,440                | 1,810                | 6,118                               | 1,047  | 627   | 463   | 1,310     | 3,447 |       |
| 1972 <sup>4</sup> ..... | 67,563        | 2,979 | 3,510         | 873                            | 21,906                                      | 1,644 | 2,117           | 100,593  | 91,613                | 2,024                | 6,956                               | 1,593  | 713   | 609   | 1,624     | 4,539 |       |
| 1972—Dec....            | 67,563        | 2,979 | 3,510         | 873                            | 21,906                                      | 1,644 | 2,117           | 100,593  | 91,613                | 2,024                | 6,956                               | 1,593  | 713   | 609   | 1,624     | 4,539 |       |
| 1973—Jan....            | 68,021        | 3,624 | 3,489         | 935                            | 22,190                                      | 1,319 | 2,055           | 101,632  | 92,398                | 2,221                | 7,014                               | 1,569  | 915   | 688   | 1,541     | 4,712 |       |
| Feb.....                | 68,352        | 4,030 | 3,419         | 986                            | 22,389                                      | 1,331 | 2,070           | 102,577  | 92,949                | 2,540                | 7,088                               | 1,729  | 862   | 732   | 1,480     | 4,803 |       |
| Mar.....                | 68,920        | 3,970 | 3,458         | 1,028                          | 22,509                                      | 1,576 | 2,058           | 103,518  | 94,095                | 2,285                | 7,139                               | 1,816  | 886   | 826   | 1,355     | 4,882 |       |
| Apr.....                | 69,426        | 3,831 | 3,388         | 1,080                          | 22,598                                      | 1,582 | 2,089           | 103,994  | 94,217                | 2,589                | 7,189                               | 1,904  | 888   | 725   | 1,395     | 4,912 |       |
| May.....                | 69,988        | 4,099 | 3,376         | 1,076                          | 22,615                                      | 1,629 | 2,116           | 104,899  | 94,744                | 2,904                | 7,251                               | 1,792  | 913   | 712   | 1,406     | 4,824 |       |
| June.....               | 70,637        | 3,959 | 3,346         | 1,125                          | 22,562                                      | 1,775 | 2,273           | 105,677  | 95,706                | 2,650                | 7,321                               | 1,711  | 1,020 | 573   | 1,378     | 4,683 |       |
| July.....               | 71,219        | 3,819 | 3,190         | 1,093                          | 22,683                                      | 1,555 | 2,202           | 105,761  | 95,355                | 3,044                | 7,362                               | 1,626  | 906   | 636   | 1,367     | 4,535 |       |
| Aug.....                | 71,713        | 3,986 | 3,037         | 999                            | 22,277                                      | 1,551 | 2,227           | 105,789  | 94,882                | 3,496                | 7,411                               | 1,302  | 840   | 718   | 1,315     | 4,174 |       |
| Sept.....               | 72,034        | 4,200 | 2,945         | 957                            | 21,799                                      | 1,491 | 2,345           | 105,771  | 95,183                | 3,134                | 7,453                               | 1,411  | 762   | 589   | 1,197     | 3,959 |       |
| Oct.....                | 72,367        | 4,181 | 3,007         | 939                            | 21,276                                      | 1,501 | 2,285           | 105,557  | 94,944                | 3,139                | 7,474                               | 1,318  | 771   | 510   | 1,096     | 3,695 |       |
| Nov.....                | 72,760        | 4,424 | 2,948         | 925                            | 21,150                                      | 1,519 | 2,264           | 105,991  | 95,259                | 3,201                | 7,530                               | 1,272  | 685   | 479   | 1,079     | 3,515 |       |
| Dec.....                | 73,260        | 4,109 | 3,023         | 925                            | 21,226                                      | 1,819 | 2,264           | 106,626  | 96,409                | 2,601                | 7,615                               | 1,250  | 598   | 405   | 1,008     | 3,261 |       |

<sup>1</sup> Also includes securities of foreign governments and international organizations and nonguaranteed issues of U.S. Govt. agencies.

<sup>2</sup> Beginning with data for June 30, 1966, about \$1.1 billion in "Deposits accumulated for payment of personal loans" were excluded from "Time deposits" and deducted from "Loans" at all commercial banks. These changes resulted from a change in Federal Reserve regulations. See table (and notes), *Deposits Accumulated for Payment of Personal Loans*, p. A-30.

<sup>3</sup> Commitments outstanding of banks in New York State as reported to the Savings Banks Assn. of the State of New York. Data include building loans beginning with Aug. 1967.

<sup>4</sup> Balance sheet data beginning Jan. 1972 are reported on a gross-of-valuation-reserves basis. The data differ somewhat from balance sheet data previously reported by National Assn. of Mutual Savings Banks which were net of valuation reserves. For most items, however, the differences are relatively small.

NOTE.—NAMSB data; figures are estimates for all savings banks in the United States and differ somewhat from those shown elsewhere in the BULLETIN; the latter are for call dates and are based on reports filed with U.S. Govt. and State bank supervisory agencies.

LIFE INSURANCE COMPANIES  
(In millions of dollars)

| End of period    | Total assets | Government securities |               |                 |                      | Business securities |        |        | Mort-<br>gages | Real<br>estate | Policy<br>loans | Other<br>assets |
|------------------|--------------|-----------------------|---------------|-----------------|----------------------|---------------------|--------|--------|----------------|----------------|-----------------|-----------------|
|                  |              | Total                 | United States | State and local | Foreign <sup>1</sup> | Total               | Bonds  | Stocks |                |                |                 |                 |
| Statement value: |              |                       |               |                 |                      |                     |        |        |                |                |                 |                 |
| 1965.....        | 158,884      | 11,679                | 5,119         | 3,530           | 3,030                | 67,599              | 58,473 | 9,126  | 60,013         | 4,681          | 7,678           | 7,234           |
| 1966.....        | 167,022      | 10,837                | 4,823         | 3,114           | 2,900                | 69,816              | 61,061 | 8,755  | 64,609         | 4,883          | 9,117           | 7,760           |
| 1967.....        | 177,832      | 10,573                | 4,683         | 3,145           | 2,754                | 76,070              | 65,193 | 10,877 | 67,516         | 5,187          | 10,059          | 8,427           |
| 1968.....        | 188,636      | 10,509                | 4,456         | 3,194           | 2,859                | 82,127              | 68,897 | 13,230 | 69,973         | 5,571          | 11,306          | 9,150           |
| Book value:      |              |                       |               |                 |                      |                     |        |        |                |                |                 |                 |
| 1966.....        | 167,022      | 10,864                | 4,824         | 3,131           | 2,909                | 68,677              | 61,141 | 7,536  | 64,661         | 4,888          | 9,911           | 8,801           |
| 1967.....        | 177,361      | 10,530                | 4,587         | 2,993           | 2,950                | 73,997              | 65,015 | 8,982  | 67,575         | 5,188          | 10,060          | 11,011          |
| 1968.....        | 188,636      | 10,760                | 4,456         | 3,206           | 3,098                | 79,653              | 68,731 | 10,922 | 70,044         | 5,575          | 11,305          | 11,299          |
| 1969.....        | 197,208      | 10,914                | 4,514         | 3,221           | 3,179                | 84,566              | 70,859 | 13,707 | 72,027         | 5,912          | 13,825          | 9,964           |
| 1970.....        | 207,254      | 11,068                | 4,574         | 3,306           | 3,188                | 88,518              | 73,098 | 15,420 | 74,375         | 6,320          | 16,064          | 10,909          |
| 1971.....        | 222,102      | 11,000                | 4,455         | 3,363           | 3,182                | 99,805              | 79,198 | 20,607 | 75,496         | 6,904          | 17,065          | 11,832          |
| 1972.....        | 239,730      | 11,372                | 4,562         | 3,367           | 3,443                | 112,985             | 86,140 | 26,845 | 76,948         | 7,295          | 18,003          | 13,127          |
| 1972—Nov....     | 238,338      | 11,619                | 4,832         | 3,379           | 3,408                | 113,180             | 87,139 | 26,041 | 75,904         | 7,261          | 17,927          | 12,447          |
| Dec.....         | 239,730      | 11,372                | 4,562         | 3,367           | 3,443                | 112,985             | 86,140 | 26,845 | 76,948         | 7,295          | 18,003          | 13,127          |
| 1973—Jan....     | 241,022      | 11,191                | 4,389         | 3,358           | 3,444                | 114,526             | 88,371 | 26,155 | 77,481         | 7,366          | 18,080          | 12,378          |
| Feb.....         | 242,069      | 11,138                | 4,371         | 3,319           | 3,448                | 115,386             | 89,247 | 26,139 | 77,510         | 7,434          | 18,166          | 12,435          |
| Mar.....         | 243,078      | 11,154                | 4,417         | 3,300           | 3,437                | 115,972             | 89,881 | 26,091 | 77,587         | 7,449          | 18,288          | 12,628          |
| Apr.....         | 242,562      | 11,455                | 4,566         | 3,388           | 3,501                | 115,181             | 89,710 | 25,471 | 77,258         | 7,522          | 18,420          | 12,726          |
| May.....         | 243,589      | 11,434                | 4,538         | 3,384           | 3,512                | 115,897             | 90,314 | 25,583 | 77,400         | 7,545          | 18,533          | 12,780          |
| June.....        | 244,531      | 11,359                | 4,468         | 3,373           | 3,518                | 116,153             | 90,484 | 25,669 | 77,914         | 7,548          | 18,673          | 12,884          |
| July.....        | 247,082      | 11,427                | 4,480         | 3,427           | 3,520                | 118,061             | 91,144 | 26,917 | 78,243         | 7,577          | 18,841          | 12,937          |
| Aug.....         | 247,655      | 11,416                | 4,462         | 3,433           | 3,521                | 117,842             | 91,342 | 26,500 | 78,657         | 7,632          | 19,181          | 12,927          |
| Sept.....        | 250,203      | 11,404                | 4,424         | 3,439           | 3,541                | 119,200             | 91,480 | 27,720 | 79,040         | 7,677          | 19,511          | 13,371          |
| Oct.....         | 251,590      | 11,402                | 4,423         | 3,438           | 3,541                | 119,714             | 91,707 | 28,007 | 79,516         | 7,675          | 19,768          | 13,425          |
| Nov.....         | 251,055      | 11,462                | 4,471         | 3,444           | 3,547                | 118,016             | 91,847 | 26,169 | 80,191         | 7,838          | 19,926          | 13,622          |

<sup>1</sup> Issues of foreign governments and their subdivisions and bonds of the International Bank for Reconstruction and Development.

NOTE.—Institute of Life Insurance estimates for all life insurance companies in the United States.

Figures are annual statement asset values, with bonds carried on an amortized basis and stocks at year-end market value. Adjustments for interest due and accrued and for differences between market and book values are not made on each item separately but are included, in total in "Other assets."

SAVINGS AND LOAN ASSOCIATIONS

(In millions of dollars)

| End of period           | Assets    |                                    |       |                    | Total assets—<br>Total liabilities | Liabilities     |                        |                             |                  |       | Mortgage loan commitments outstanding at end of period <sup>5</sup> |
|-------------------------|-----------|------------------------------------|-------|--------------------|------------------------------------|-----------------|------------------------|-----------------------------|------------------|-------|---|
|                         | Mortgages | Investment securities <sup>1</sup> | Cash  | Other <sup>2</sup> |                                    | Savings capital | Net worth <sup>3</sup> | Borrowed money <sup>4</sup> | Loans in process | Other |   |
| 1967.....               | 121,805   | 9,180                              | 3,442 | 7,788              | 143,534                            | 124,493         | 9,916                  | 4,775                       | 2,257            | 2,093 | 3,042   |
| 1968.....               | 130,802   | 11,116                             | 2,962 | 8,010              | 152,890                            | 131,618         | 10,691                 | 5,705                       | 2,449            | 2,427 | 3,631   |
| 1969.....               | 140,232   | 10,873                             | 2,438 | 8,606              | 162,149                            | 135,538         | 11,620                 | 9,728                       | 2,455            | 2,808 | 2,824   |
| 1970.....               | 150,331   | 13,020                             | 3,506 | 9,326              | 176,183                            | 146,404         | 12,401                 | 10,911                      | 3,078            | 3,389 | 4,452   |
| 1971.....               | 174,385   | 21,076                             |       | 10,842             | 206,303                            | 174,472         | 13,657                 | 9,048                       | 5,072            | 4,054 | 7,378   |
| 1972.....               | 206,387   | 24,491                             |       | 12,693             | 243,571                            | 207,305         | 15,326                 | 9,847                       | 6,225            | 4,868 | 11,578  |
| 1973—Jan.....           | 6 208,132 | 6 23,460                           |       | 6 15,660           | 247,252                            | 210,589         | 15,557                 | 9,171                       | 6,076            | 5,859 | 12,469  |
| Feb.....                | 210,260   | 24,220                             |       | 16,214             | 250,694                            | 212,493         | 15,925                 | 9,415                       | 6,095            | 6,766 | 13,538  |
| Mar.....                | 213,259   | 24,019                             |       | 17,104             | 254,382                            | 216,195         | 15,825                 | 9,958                       | 6,326            | 6,078 | 14,508  |
| Apr.....                | 216,250   | 23,943                             |       | 17,605             | 257,798                            | 217,026         | 16,133                 | 11,336                      | 6,548            | 6,755 | 15,009  |
| May.....                | 219,500   | 24,072                             |       | 17,990             | 261,562                            | 218,906         | 16,505                 | 11,756                      | 6,727            | 7,668 | 15,139  |
| June.....               | 222,801   | 23,362                             |       | 18,038             | 264,201                            | 222,183         | 16,315                 | 12,766                      | 6,770            | 7,167 | 14,776  |
| July.....               | 225,490   | 22,769                             |       | 18,416             | 266,675                            | 221,958         | 16,640                 | 14,295                      | 6,702            | 7,080 | 13,778  |
| Aug.....                | 228,006   | 21,139                             |       | 18,826             | 267,971                            | 220,800         | 16,986                 | 15,703                      | 6,464            | 8,018 | 12,314  |
| Sept.....               | 229,413   | 20,161                             |       | 19,131             | 268,705                            | 222,645         | 16,872                 | 16,324                      | 6,078            | 6,786 | 10,861  |
| Oct.....                | 230,425   | 20,756                             |       | 19,421             | 270,602                            | 223,594         | 17,131                 | 16,505                      | 5,548            | 7,824 | 9,970   |
| Nov.....                | 231,319   | 21,360                             |       | 19,576             | 272,255                            | 224,867         | 17,420                 | 16,382                      | 5,023            | 8,563 | 9,777   |
| Dec. <sup>p</sup> ..... | 232,322   | 21,182                             |       | 19,369             | 272,873                            | 227,802         | 17,225                 | 17,193                      | 4,683            | 5,970 | 9,621   |

<sup>1</sup> Investment securities included U.S. Govt. securities only through 1967. Beginning 1968 the total reflects liquid assets and other investment securities. Included are U.S. Govt. obligations, Federal agency securities, State and local govt. securities, time deposits at banks, and miscellaneous securities, except stock of the Federal Home Loan Bank Board. Compensating changes have been made in "Other assets."

<sup>2</sup> Includes other loans, stock in the Federal home loan banks, other investments, real estate owned and sold on contract, and office buildings and fixtures. See also notes 1, 5, and 6.

<sup>3</sup> Includes net undistributed income, which is accrued by most, but not all, associations.

<sup>4</sup> Consists of advances from FHLBB and other borrowing.

<sup>5</sup> Data comparable with those shown for mutual savings banks (on preceding page) except that figures for loans in process are not included above but are included in the figures for mutual savings banks.

<sup>6</sup> Beginning Jan. 1973, participation certificates guaranteed by the Federal Home Loan Mortgage Corporation, loans and notes insured by the Farmers Home Administration and certain other Government-insured mortgage-type investments, previously included in mortgage loans, are included in other assets. The effect of this change was to reduce the mortgage total by about \$0.6 billion.

Also, GNMA-guaranteed, mortgage-backed securities of the pass-through type, previously included in cash and investment securities are included in other assets. These amounted to about \$2.4 billion at the end of 1972.

NOTE.—FHLBB data; figures are estimates for all savings and loan assns. in the United States. Data are based on monthly reports of insured assns. and annual reports of noninsured assns. Data for current and preceding year are preliminary even when revised.

MAJOR BALANCE SHEET ITEMS OF SELECTED FEDERALLY SPONSORED CREDIT AGENCIES

(In millions of dollars)

| End of period | Federal home loan banks |             |                   |                         |                 |               | Federal National Mortgage Assn. (secondary market operations) |                          | Banks for cooperatives    |                | Federal intermediate credit banks |                | Federal land banks |           |
|---------------|-------------------------|-------------|-------------------|-------------------------|-----------------|---------------|---|--------------------------|---------------------------|----------------|-----------------------------------|----------------|--------------------|-----------|
|               | Assets                  |             |                   | Liabilities and capital |                 |               | Mortgage loans (A)  | Debentures and notes (L) | Loans to cooperatives (A) | Debentures (L) | Loans and discounts (A)           | Debentures (L) | Mortgage loans (A) | Bonds (L) |
|               | Advances to members     | Investments | Cash and deposits | Bonds and notes         | Member deposits | Capital stock |   |                          |                           |                |                                   |                |                    |           |
| 1967.....     | 4,386                   | 2,598       | 127               | 4,060                   | 1,432           | 1,395         | 5,348   | 4,919                    | 1,506                     | 1,253          | 3,411                             | 3,214          | 5,609              | 4,904     |
| 1968.....     | 5,259                   | 2,375       | 126               | 4,701                   | 1,383           | 1,402         | 6,872   | 6,376                    | 1,577                     | 1,334          | 3,654                             | 3,570          | 6,126              | 5,399     |
| 1969.....     | 9,289                   | 1,862       | 124               | 8,422                   | 1,041           | 1,478         | 10,541  | 10,511                   | 1,732                     | 1,473          | 4,275                             | 4,116          | 6,714              | 5,949     |
| 1970.....     | 10,614                  | 3,864       | 105               | 10,183                  | 2,332           | 1,607         | 15,502  | 15,206                   | 2,030                     | 1,755          | 4,974                             | 4,799          | 7,186              | 6,395     |
| 1971.....     | 7,936                   | 2,520       | 142               | 7,139                   | 1,789           | 1,618         | 17,791  | 17,701                   | 2,076                     | 1,801          | 5,669                             | 5,503          | 7,917              | 7,063     |
| 1972—Dec...   | 7,979                   | 2,225       | 129               | 6,971                   | 1,548           | 1,756         | 19,791  | 19,238                   | 2,298                     | 1,944          | 6,094                             | 5,804          | 9,107              | 8,012     |
| 1973—Jan...   | 7,831                   | 2,264       | 91                | 6,971                   | 1,306           | 1,821         | 19,980  | 19,252                   | *2,808                    | 1,950          | 6,087                             | 5,891          | 9,251              | 8,280     |
| Feb...        | 7,944                   | 2,421       | 106               | 7,220                   | 1,323           | 1,891         | 20,181  | 19,402                   | 2,936                     | 2,188          | 6,179                             | 5,969          | 9,387              | 8,280     |
| Mar...        | 8,420                   | 1,938       | 108               | 7,220                   | 1,291           | 1,943         | 20,571  | 19,985                   | 2,896                     | 2,188          | 6,414                             | 6,076          | 9,591              | 8,280     |
| Apr...        | 9,429                   | 2,087       | 111               | 8,415                   | 1,143           | 1,981         | 20,791  | 20,056                   | 2,859                     | 2,465          | 6,555                             | 6,314          | 9,767              | 8,836     |
| May...        | 10,155                  | 2,702       | 95                | 9,615                   | 1,261           | 1,991         | 21,087  | 20,225                   | 2,765                     | 2,370          | 6,777                             | 6,460          | 9,953              | 8,836     |
| June...       | 11,145                  | 2,516       | 108               | 10,215                  | 1,453           | 2,008         | 21,413  | 20,364                   | 2,725                     | 2,316          | 6,958                             | 6,645          | 10,117             | 8,836     |
| July...       | 12,365                  | 2,126       | 103               | 11,213                  | 1,183           | 2,035         | 21,772  | 20,843                   | 2,811                     | 2,365          | 6,981                             | 6,745          | 10,256             | *9,388    |
| Aug...        | 13,511                  | 2,016       | 111               | 12,562                  | 1,091           | 2,064         | 22,319  | 21,186                   | 2,865                     | 2,310          | *7,065                            | 6,727          | 10,441             | 9,390     |
| Sept...       | 14,298                  | 2,908       | 102               | 14,062                  | 1,178           | 2,089         | 22,826  | 21,537                   | *2,738                    | 2,560          | *7,170                            | 6,833          | *10,592            | 9,388     |
| Oct...        | 14,799                  | 3,498       | 106               | 15,362                  | 1,270           | 2,107         | 23,348  | 22,243                   | *2,711                    | 2,728          | *7,130                            | 6,901          | *10,781            | *9,838    |
| Nov...        | 14,866                  | 3,649       | 77                | 15,362                  | 1,545           | 2,112         | 23,912  | 22,404                   | *2,662                    | 2,704          | *7,029                            | 6,890          | *10,926            | 9,838     |
| Dec...        | 15,147                  | 3,537       | 157               | 15,362                  | 1,745           | 2,122         | 24,175  | 23,001                   | 2,577                     | 2,670          | *7,198                            | 6,861          | 11,071             | 9,838     |

NOTE.—Data from Federal Home Loan Bank Board, Federal National Mortgage Assn., and Farm Credit Admin. Among omitted balance sheet items are capital accounts of all agencies, except for stock of FHLB's. Bonds, debentures, and notes are valued at par. They include only publicly

offered securities (excluding, for FHLB's, bonds held within the FHLB System) and are not guaranteed by the U.S. Govt.; for a listing of these securities, see table on opposite page. Loans are gross of valuation reserves and represent cost for FNMA and unpaid principal for other agencies.





FEDERAL FISCAL OPERATIONS: SUMMARY

(In millions of dollars)

| Period              | U.S. budget                 |                  |                |                             |                               | Means of financing                      |                         |                                     |        |                                  |                         |                                |        | Other means of financing, net <sup>4</sup> |
|---------------------|-----------------------------|------------------|----------------|-----------------------------|-------------------------------|---|-------------------------|-------------------------------------|--------|----------------------------------|-------------------------|--------------------------------|--------|--|
|                     | Receipt-expenditure account |                  | Net lending    | Budget outlays <sup>1</sup> | Budget surplus or deficit (-) | Borrowings from the public <sup>2</sup> |                         |                                     |        |                                  |                         | Less: Cash and monetary assets |        |  |
|                     | Budget receipts             | Net expenditures |                |                             |                               | Public debt securities                  | Plus: Agency securities | Less: Investments by Govt. accounts |        | Less: Special notes <sup>3</sup> | Equals: Total borrowing | Treasury operating balance     | Other  |  |
|                     |                             |                  | Special issues | Other                       |                               |   |                         |                                     |        |                                  |                         |                                |        |  |
| Fiscal year:        |                             |                  |                |                             |                               |   |                         |                                     |        |                                  |                         |                                |        |  |
| 1970.....           | 193,743                     | 194,456          | 2,131          | 196,588                     | -2,845                        | 17,198                                  | -1,739                  | 9,386                               | 676    | .....                            | 5,397                   | 2,151                          | -581   | -982                                       |
| 1971.....           | 188,392                     | 210,318          | 1,107          | 211,425                     | -23,033                       | 27,211                                  | -347                    | 6,616                               | 800    | .....                            | 19,448                  | 710                            | -979   | 3,586                                      |
| 1972.....           | 208,649                     | .....            | .....          | 231,876                     | -23,227                       | 29,131                                  | -1,269                  | 6,813                               | 1,607  | .....                            | 19,442                  | 1,362                          | 1,108  | 6,255                                      |
| 1973.....           | 232,225                     | .....            | .....          | 246,526                     | -14,301                       | 30,881                                  | 216                     | 12,029                              | -207   | .....                            | 19,275                  | 2,459                          | -1,613 | -4,128                                     |
| Half year:          |                             |                  |                |                             |                               |   |                         |                                     |        |                                  |                         |                                |        |  |
| 1972—Jan.—June..... | 115,549                     | .....            | .....          | 120,319                     | -4,850                        | 3,130                                   | -150                    | 4,010                               | 1,089  | .....                            | -2,114                  | 389                            | 1,028  | 8,377                                      |
| July—Dec.....       | 106,062                     | .....            | .....          | 118,579                     | -12,517                       | 22,038                                  | 876                     | 6,351                               | -823   | .....                            | 17,386                  | 956                            | -1,520 | -5,434                                     |
| 1973—Jan.—June..... | 126,164                     | .....            | .....          | 127,940                     | -1,776                        | 8,844                                   | -660                    | 5,790                               | 654    | .....                            | 1,889                   | 1,503                          | -88    | 1,302                                      |
| July—Dec.....       | 124,253                     | .....            | .....          | 130,360                     | -6,107                        | 11,756                                  | 477                     | 5,396                               | 824    | .....                            | 6,013                   | -2,202                         | -191   | -2,299                                     |
| Month:              |                             |                  |                |                             |                               |   |                         |                                     |        |                                  |                         |                                |        |  |
| 1972—Dec.....       | 18,976                      | .....            | .....          | 19,648                      | -673                          | 5,051                                   | -87                     | 1,104                               | -343   | .....                            | 4,203                   | 2,795                          | 30     | -705                                       |
| 1973—Jan.....       | 21,130                      | .....            | .....          | 23,631                      | -2,501                        | 770                                     | 18                      | -900                                | 168    | .....                            | 1,519                   | 302                            | 99     | 1,383                                      |
| Feb.....            | 18,067                      | .....            | .....          | 20,227                      | -2,160                        | 4,770                                   | -9                      | 780                                 | 119    | .....                            | 3,863                   | 408                            | -212   | -1,507                                     |
| Mar.....            | 15,987                      | .....            | .....          | 20,806                      | -4,820                        | 3,768                                   | 27                      | 584                                 | 206    | .....                            | 3,005                   | 1,152                          | -83    | 2,883                                      |
| Apr.....            | 25,860                      | .....            | .....          | 22,306                      | 3,554                         | -1,543                                  | -721                    | -56                                 | -49    | .....                            | -2,159                  | 1,220                          | 1,164  | 988  |
| May.....            | 16,584                      | .....            | .....          | 20,157                      | -3,573                        | 275                                     | -43                     | 1,968                               | 234    | .....                            | -1,970                  | -5,924                         | -1,141 | -1,522                                     |
| June.....           | 28,504                      | .....            | .....          | 22,892                      | 7,612                         | 803                                     | 68                      | 3,414                               | -174   | .....                            | -2,369                  | 4,344                          | -1,414 | -485                                       |
| July.....           | 18,121                      | .....            | .....          | 22,627                      | -4,486                        | 862                                     | 9                       | 1,258                               | 325    | .....                            | -713                    | -3,398                         | -544   | -743                                       |
| Aug.....            | 21,291                      | .....            | .....          | 22,139                      | -847                          | 2,842                                   | 301                     | 3,137                               | 568    | .....                            | -563                    | 4,105                          | 151    | -2,544                                     |
| Sept.....           | 25,007                      | .....            | .....          | 20,736                      | 4,271                         | -406                                    | 40                      | -756                                | -173   | .....                            | 564                     | 5,207                          | 346    | 718  |
| Oct.....            | 17,637                      | .....            | .....          | 23,092                      | -5,455                        | 1,037                                   | 29                      | -306                                | -22    | .....                            | 1,395                   | -2,588                         | -43    | 1,431                                      |
| Nov.....            | 20,208                      | .....            | .....          | 22,099                      | -1,891                        | 1,561                                   | 273                     | -3,510                              | 3,141  | .....                            | 2,202                   | -1,010                         | -48    | -1,368                                     |
| Dec.....            | 21,987                      | .....            | .....          | 19,686                      | 2,302                         | 5,861                                   | -174                    | 5,574                               | -3,016 | .....                            | 3,128                   | 5,693                          | -54    | 209  |

| End of period  | Selected balances          |                       |                                 |        |                        |                   |                                     |        |                                  |                              | Memo: Debt of Govt.-sponsored corps.—Now private <sup>6</sup> |
|----------------|----------------------------|-----------------------|---------------------------------|--------|------------------------|-------------------|-------------------------------------|--------|----------------------------------|------------------------------|---|
|                | Treasury operating balance |                       |                                 |        | Federal securities     |                   |                                     |        |                                  |                              |   |
|                | F.R. Banks                 | Tax and loan accounts | Other depositaries <sup>5</sup> | Total  | Public debt securities | Agency securities | Less: Investments of Govt. accounts |        | Less: Special notes <sup>3</sup> | Equals: Total held by public |   |
|                |                            |                       |                                 |        |                        |                   | Special issues                      | Other  |                                  |                              |   |
| Fiscal year:   |                            |                       |                                 |        |                        |                   |                                     |        |                                  |                              |   |
| 1970.....      | 1,005                      | 6,929                 | 111                             | 8,045  | 370,919                | 12,510            | 76,124                              | 21,599 | 825                              | 284,880                      | 35,789  |
| 1971.....      | 1,274                      | 7,372                 | 109                             | 8,755  | 398,130                | 12,163            | 82,740                              | 22,400 | 825                              | 304,328                      | 36,886  |
| 1972.....      | 2,344                      | 7,934                 | 139                             | 10,117 | 427,260                | 10,894            | 89,539                              | 24,023 | 825                              | 323,770                      | 41,044  |
| 1973.....      | 4,038                      | 8,433                 | 106                             | 12,576 | 458,142                | 11,109            | 101,738                             | 24,093 | 825                              | 343,045                      | 51,325  |
| Calendar year: |                            |                       |                                 |        |                        |                   |                                     |        |                                  |                              |   |
| 1972.....      | 1,856                      | 8,907                 | 310                             | 11,073 | 449,298                | 11,770            | 95,924                              | 23,164 | 825                              | 341,155                      | 42,640  |
| 1973.....      | 2,543                      | 7,760                 | 70                              | 10,374 | 469,898                | 11,586            | 107,135                             | 24,467 | 825                              | 349,058                      | .....   |
| Month:         |                            |                       |                                 |        |                        |                   |                                     |        |                                  |                              |   |
| 1972—Dec.....  | 1,856                      | 8,907                 | 310                             | 11,073 | 449,298                | 11,770            | 95,924                              | 23,164 | 825                              | 341,155                      | 43,459  |
| 1973—Jan.....  | 2,749                      | 8,317                 | 310                             | 11,376 | 450,068                | 11,787            | 95,024                              | 23,332 | 825                              | 342,674                      | 43,993  |
| Feb.....       | 2,073                      | 9,401                 | 310                             | 11,784 | 454,838                | 11,779            | 95,804                              | 23,451 | 825                              | 346,537                      | 45,400  |
| Mar.....       | 2,882                      | 9,744                 | 309                             | 12,935 | 458,606                | 11,806            | 96,413                              | 23,632 | 825                              | 349,542                      | 45,566  |
| Apr.....       | 4,162                      | 9,683                 | 311                             | 14,156 | 457,063                | 11,804            | 96,356                              | 23,583 | 825                              | 347,383                      | 47,905  |
| May.....       | 3,242                      | 4,679                 | 311                             | 8,232  | 457,338                | 11,041            | 98,324                              | 23,817 | 825                              | 345,414                      | 49,731  |
| June.....      | 4,038                      | 8,433                 | 106                             | 12,576 | 458,142                | 11,109            | 101,738                             | 24,093 | 825                              | 343,045                      | 51,325  |
| July.....      | 2,867                      | 4,203                 | 108                             | 7,178  | 459,003                | 11,118            | 102,996                             | 23,968 | 825                              | 342,332                      | 52,780  |
| Aug.....       | 847                        | 2,217                 | 8                               | 3,072  | 461,845                | 11,419            | 106,133                             | 24,536 | 825                              | 341,769                      | 54,409  |
| Sept.....      | 1,626                      | 6,582                 | 71                              | 8,279  | 461,439                | 11,459            | 105,378                             | 24,362 | 825                              | 342,333                      | 56,691  |
| Oct.....       | 1,839                      | 3,781                 | 71                              | 5,691  | 462,476                | 11,488            | 105,071                             | 24,341 | 823                              | 343,727                      | 59,330  |
| Nov.....       | 1,945                      | 2,666                 | 70                              | 4,681  | 464,037                | 11,760            | 101,561                             | 27,482 | 825                              | 345,930                      | 59,317  |
| Dec.....       | 2,543                      | 7,760                 | 70                              | 10,374 | 469,898                | 11,586            | 107,135                             | 24,467 | 825                              | 349,058                      | .....   |

<sup>1</sup> Equals net expenditures plus net lending.  
<sup>2</sup> The decrease in Federal securities resulting from conversion to private ownership of Govt.-sponsored corporations (totaling \$9,853 million) is not included here. In the bottom panel, however, these conversions decrease the outstanding amounts of Federal securities held by the public mainly by reductions in agency securities. The Federal National Mortgage Association (FNMA) was converted to private ownership in Sept. 1968 and the Federal intermediate credit banks (FICB) and banks for cooperatives in Dec. 1968.  
<sup>3</sup> Represents non-interest-bearing public debt securities issued to the International Monetary Fund and international lending organizations. New obligations to these agencies are handled by letters of credit.  
<sup>4</sup> Includes accrued interest payable on public debt securities, deposit funds, miscellaneous liability and asset accounts, and seigniorage.  
<sup>5</sup> As of Jan. 3, 1972, the Treasury operating balance was redefined to exclude the gold balance and to include previously excluded "Other depositaries" (deposits in certain commercial depositaries that have been converted from a time to a demand basis to permit greater flexibility in Treasury cash management).  
<sup>6</sup> Includes debt of Federal home loan banks, Federal land banks, R.F.K. Stadium Fund, FNMA (beginning Sept. 1968), and FICB and banks for cooperatives (both beginning Dec. 1968).  
 NOTE.—Half years may not add to fiscal year totals due to revisions in series that are not yet available on a monthly basis.

FEDERAL FISCAL OPERATIONS: DETAIL

(In millions of dollars)

| Period              | Budget receipts |                         |               |          |                          |                |  |   |       |                 |                                 |              |         |                 |                             |           |
|---------------------|-----------------|-------------------------|---------------|----------|--------------------------|----------------|--|---|-------|-----------------|---------------------------------|--------------|---------|-----------------|-----------------------------|-----------|
|                     | Total           | Individual income taxes |               |          | Corporation income taxes |                | Social insurance taxes and contributions |   |       |                 |                                 | Excise taxes | Customs | Estate and gift | Misc. receipts <sup>3</sup> |           |
|                     |                 | With-held               | Non-with-held | Re-funds | Net total                | Gross receipts | Re-funds                                 | Employment taxes and contributions <sup>1</sup> |       | Un-empl. insur. | Other net receipts <sup>2</sup> |              |         |                 |                             | Net total |
| Pay-roll taxes      | Self-empl.      |                         |               |          |                          |                |  |   |       |                 |                                 |              |         |                 |                             |           |
| <b>Fiscal year:</b> |                 |                         |               |          |                          |                |  |   |       |                 |                                 |              |         |                 |                             |           |
| 1970.....           | 193,743         | 77,416                  | 26,236        | 13,240   | 90,412                   | 35,037         | 2,208                                    | 37,190  | 1,942 | 3,465           | 2,700                           | 45,298       | 15,705  | 2,430           | 3,644                       | 3,424     |
| 1971.....           | 188,392         | 76,490                  | 24,262        | 14,522   | 86,230                   | 30,320         | 3,535                                    | 39,751  | 1,948 | 3,673           | 3,206                           | 48,578       | 16,614  | 2,591           | 3,735                       | 3,858     |
| 1972.....           | 208,649         | 83,200                  | 25,679        | 14,143   | 94,737                   | 34,926         | 2,760                                    | 44,088  | 2,032 | 4,357           | 3,437                           | 53,914       | 15,477  | 3,287           | 5,436                       | 3,633     |
| 1973.....           | 232,225         | 98,093                  | 27,019        | 21,866   | 103,240                  | 39,045         | 2,893                                    | 52,505  | 2,371 | 6,051           | 3,614                           | 64,542       | 16,260  | 3,188           | 4,917                       | 3,921     |
| <b>Half year:</b>   |                 |                         |               |          |                          |                |  |   |       |                 |                                 |              |         |                 |                             |           |
| 1972—Jan.—June..... | 115,469         | 44,751                  | 20,090        | 13,569   | 51,272                   | 21,664         | 1,312                                    | 24,445  | 1,877 | 4,736           | 1,764                           | 30,925       | 6,516   | 1,449           | 3,041                       | 1,915     |
| July—Dec.....       | 106,062         | 46,056                  | 5,784         | 688      | 51,152                   | 15,315         | 1,459                                    | 22,493  | 165   | 2,437           | 1,773                           | 26,867       | 8,244   | 1,551           | 2,333                       | 2,059     |
| 1973—Jan.—June..... | 126,165         | 52,034                  | 21,235        | 21,179   | 52,091                   | 23,730         | 1,434                                    | 30,013  | 2,206 | 3,616           | 1,841                           | 37,675       | 8,016   | 1,637           | 2,584                       | 1,865     |
| July—Dec.....       | 124,253         | 52,961                  | 6,207         | 999      | 58,170                   | 16,589         | 1,494                                    | 29,965  | 201   | 2,974           | 1,967                           | 35,109       | 8,966   | 1,633           | 2,514                       | 2,768     |
| <b>Month:</b>       |                 |                         |               |          |                          |                |  |   |       |                 |                                 |              |         |                 |                             |           |
| 1972—Dec.....       | *18,976         | *7,830                  | 353           | 61       | 8,122                    | 5,772          | 140                                      | 2,601   | 5     | 93              | 277                             | 2,975        | 1,286   | 234             | 354                         | *364      |
| 1973—Jan.....       | 21,130          | 8,254                   | 4,671         | 27       | 12,897                   | 1,539          | 158                                      | 3,833   | 139   | 174             | 340                             | 4,486        | 1,437   | 289             | 396                         | 244       |
| Feb.....            | 18,067          | 8,404                   | 768           | 1,104    | 8,067                    | 865            | 193                                      | 5,900   | 167   | 684             | 278                             | 7,029        | 1,186   | 255             | 568                         | 289       |
| Mar.....            | 15,987          | 8,748                   | 1,494         | 6,833    | 3,409                    | 5,208          | 342                                      | 4,771   | 186   | 63              | 320                             | 5,340        | 1,244   | 278             | 489                         | 360       |
| Apr.....            | 25,860          | 8,648                   | 9,124         | 6,185    | 11,587                   | 5,915          | 258                                      | 4,297   | 1,316 | 444             | 302                             | 6,359        | 1,318   | 262             | 330                         | 348       |
| May.....            | 16,584          | 8,813                   | 1,444         | 6,433    | 3,825                    | 1,219          | 296                                      | 6,662   | 253   | 2,156           | 308                             | 9,380        | 1,446   | 280             | 466                         | 264       |
| June.....           | 28,537          | 9,168                   | 3,735         | 597      | 12,306                   | 8,983          | 188                                      | 4,548   | 145   | 95              | 293                             | 5,081        | 1,386   | 273             | 335                         | 360       |
| July.....           | 18,121          | 8,487                   | 681           | 354      | 8,814                    | 1,552          | 202                                      | 4,608   | ..... | 382             | 346                             | 5,336        | 1,538   | 276             | 398                         | 400       |
| Aug.....            | 21,291          | 9,085                   | 451           | 257      | 9,279                    | 904            | 209                                      | 7,087   | ..... | 1,357           | 333                             | 8,778        | 1,434   | 303             | 494                         | 308       |
| Sept.....           | 25,007          | 7,940                   | 3,903         | 135      | 11,707                   | 5,477          | 230                                      | 4,812   | 177   | 103             | 317                             | 5,409        | 1,436   | 238             | 373                         | 597       |
| Oct.....            | 17,637          | 8,752                   | 550           | 71       | 9,230                    | 1,515          | 462                                      | 4,119   | 24    | 217             | 351                             | 4,712        | 1,459   | 291             | 454                         | 437       |
| Nov.....            | 20,209          | 9,811                   | 261           | 66       | 10,006                   | 939            | 287                                      | 5,578   | ..... | 825             | 321                             | 6,724        | 1,563   | 301             | 462                         | 501       |
| Dec.....            | 21,987          | 8,887                   | 362           | 115      | 9,134                    | 6,201          | 105                                      | 3,760   | ..... | 89              | 299                             | 4,149        | 1,536   | 224             | 333                         | 515       |

| Period                  | Budget outlays |                  |               |                |             |                   |                      |                       |                        |                    |          |          |               |                         |                                       |
|-------------------------|----------------|------------------|---------------|----------------|-------------|-------------------|----------------------|-----------------------|------------------------|--------------------|----------|----------|---------------|-------------------------|---------------------------------------|
|                         | Total          | National defense | Intl. affairs | Space research | Agriculture | Natural resources | Commerce and transp. | Com. dev. and housing | Education and manpower | Health and welfare | Veterans | Interest | General govt. | General revenue sharing | Intra-govt. transactions <sup>4</sup> |
| <b>Fiscal year:</b>     |                |                  |               |                |             |                   |                      |                       |                        |                    |          |          |               |                         |                                       |
| 1972.....               | 231,876        | 78,336           | 3,786         | 3,422          | 7,061       | 3,759             | 11,197               | 4,216                 | 10,198                 | 81,536             | 10,747   | 20,584   | 4,889         | .....                   | -7,858                                |
| 1973.....               | 246,526        | 76,027           | 3,182         | 3,311          | 6,051       | 556               | 12,520               | 4,162                 | 10,821                 | 91,230             | 12,004   | 22,785   | 5,619         | .....                   | -8,378                                |
| 1974 <sup>5</sup> ..... | 274,660        | 80,573           | 3,886         | 3,177          | 4,039       | 609               | 13,521               | 5,450                 | 10,819                 | 108,263            | 13,285   | 27,754   | 6,800         | 6,147                   | -9,963                                |
| 1975 <sup>5</sup> ..... | 304,445        | 87,729           | 4,103         | 3,272          | 2,729       | 3,128             | 13,400               | 5,667                 | 11,537                 | 126,353            | 13,612   | 29,122   | 6,774         | 6,174                   | -10,717                               |
| <b>Half year:</b>       |                |                  |               |                |             |                   |                      |                       |                        |                    |          |          |               |                         |                                       |
| 1972—Jan.—June.....     | 120,319        | 42,583           | 2,034         | 1,645          | 1,062       | 1,807             | *5,167               | 2,035                 | *5,843                 | *43,405            | 5,744    | *10,534  | *2,497        | .....                   | -4,036                                |
| July—Dec.....           | *118,578       | *35,229          | *1,639        | 1,676          | 4,616       | *330              | *6,199               | 2,637                 | 5,133                  | 43,212             | 5,740    | *10,619  | *2,869        | *2,617                  | -4,039                                |
| 1973—Jan.—June.....     | 127,940        | 40,677           | 1,542         | 1,635          | 1,435       | 227               | 6,320                | 1,525                 | 5,688                  | 48,018             | 6,264    | 12,181   | 2,749         | 4,019                   | -4,339                                |
| July—Dec.....           | 130,360        | 37,331           | 1,617         | 1,501          | 3,472       | 763               | 7,387                | 3,215                 | 4,772                  | 48,978             | 6,518    | 13,440   | 3,088         | 3,032                   | -4,753                                |
| <b>Month:</b>           |                |                  |               |                |             |                   |                      |                       |                        |                    |          |          |               |                         |                                       |
| 1972—Dec.....           | 19,648         | 6,063            | 220           | 284            | 146         | -40               | 828                  | 414                   | 960                    | 7,709              | 989      | 1,810    | 415           | *2,617                  | -2,474                                |
| 1973—Jan.....           | 23,630         | 6,633            | 82            | 271            | 994         | -1,053            | 1,546                | 483                   | 808                    | 8,130              | 1,157    | 1,777    | 586           | 2,514                   | -297                                  |
| Feb.....                | 20,227         | 6,265            | 280           | 241            | 431         | 230               | 567                  | 368                   | 904                    | 7,907              | 1,046    | 2,002    | 374           | 9                       | -397                                  |
| Mar.....                | 20,806         | 6,963            | 323           | 301            | -77         | 310               | 1,072                | 270                   | 786                    | 7,565              | 1,064    | 2,097    | 462           | .....                   | -329                                  |
| Apr.....                | 22,306         | 6,417            | 237           | 265            | 368         | 324               | 793                  | 243                   | 788                    | 8,058              | 1,114    | 2,120    | 409           | 1,493                   | -324                                  |
| May.....                | 20,157         | 6,401            | 136           | 255            | -155        | 298               | 907                  | -148                  | 1,066                  | 8,124              | 1,017    | 2,165    | 466           | 3                       | -377                                  |
| June.....               | 20,814         | 8,015            | 486           | 301            | -126        | 118               | 1,434                | 309                   | 1,336                  | 8,234              | 866      | 2,004    | 452           | .....                   | -2,616                                |
| July.....               | 22,607         | 4,878            | 308           | 278            | 2,011       | 942               | 2,104                | 911                   | 777                    | 7,792              | 1,099    | 2,184    | 563           | 1,495                   | -850                                  |
| Aug.....                | 22,139         | 6,772            | 327           | 262            | 440         | 573               | 1,099                | 779                   | 954                    | 7,935              | 1,054    | 2,159    | 466           | -3                      | -670                                  |
| Sept.....               | 20,736         | 6,095            | 205           | 246            | -35         | 422               | 957                  | 712                   | 661                    | 8,302              | 970      | 2,392    | 643           | 16                      | -849                                  |
| Oct.....                | 23,092         | 6,607            | 282           | 248            | 503         | 416               | 1,260                | 561                   | 955                    | 8,040              | 1,058    | 2,135    | 479           | 1,494                   | -850                                  |
| Nov.....                | 22,099         | 6,900            | 276           | 246            | 782         | 424               | 912                  | 36                    | 805                    | 8,373              | 1,194    | 2,401    | 438           | 29                      | -717                                  |
| Dec.....                | 19,586         | 6,079            | 219           | 221            | -228        | -130              | 1,064                | 316                   | 619                    | 8,534              | 1,143    | 2,169    | 498           | -15                     | -816                                  |

<sup>1</sup> Old-age, disability, and hospital insurance (including premiums for uninsured effective July 1, 1973, as provided for in Public Law 92-603), and Railroad Retirement accounts.

<sup>2</sup> Supplementary medical insurance premiums (including premiums for disabled effective July 1, 1973, as provided for in Public Law 92-603), and Federal employee retirement contributions.

<sup>3</sup> Deposits of earnings by Federal Reserve Banks and other miscellaneous receipts.

<sup>4</sup> Consists of Government contributions for employee retirement and of interest received by trust funds.

<sup>5</sup> Estimates presented in the Jan. 1975 *Budget Document*. Breakdowns do not add to totals because special allowances for contingencies, Federal pay increase (excluding Department of Defense), and acceleration of energy research and development, totaling \$300 million for fiscal 1974, and \$1,561 million for fiscal 1975, are not included.

<sup>6</sup> Outlays of \$6,786 million in fiscal 1973 contain retroactive payments of \$2,600 million for fiscal 1972.

NOTE.— Half years may not add to fiscal year totals due to revisions in series that are not yet available on a monthly basis.

**GROSS PUBLIC DEBT, BY TYPE OF SECURITY**

(In billions of dollars)

| End of period | Total gross public debt <sup>1</sup> | Public issues |            |       |               |       |                    |                    |                    |                             |                        | Special issues <sup>5</sup> |
|---------------|--------------------------------------|---------------|------------|-------|---------------|-------|--------------------|--------------------|--------------------|-----------------------------|------------------------|-----------------------------|
|               |                                      | Total         | Marketable |       |               |       |                    | Con-vertible bonds | Nonmarketable      |                             |                        |                             |
|               |                                      |               | Total      | Bills | Certi-ficates | Notes | Bonds <sup>2</sup> |                    | Total <sup>3</sup> | Foreign issues <sup>4</sup> | Sav-ings bonds & notes |                             |
| 1941—Dec..... | 57.9                                 | 50.5          | 41.6       | 2.0   | .....         | 6.0   | 33.6               | .....              | 8.9                | .....                       | 6.1                    | 7.0                         |
| 1946—Dec..... | 259.1                                | 233.1         | 176.6      | 17.0  | 30.0          | 10.1  | 119.5              | .....              | 56.5               | .....                       | 49.8                   | 24.6                        |
| 1967—Dec..... | 344.7                                | 284.0         | 226.5      | 69.9  | .....         | 61.4  | 95.2               | 2.6                | 54.9               | 3.1                         | 51.7                   | 57.2                        |
| 1968—Dec..... | 358.0                                | 296.0         | 236.8      | 75.0  | .....         | 76.5  | 85.3               | 2.5                | 56.7               | 4.3                         | 52.3                   | 59.1                        |
| 1969—Dec..... | 368.2                                | 295.2         | 235.9      | 80.6  | .....         | 85.4  | 69.9               | 2.4                | 56.9               | 3.8                         | 52.2                   | 71.0                        |
| 1970—Dec..... | 389.2                                | 309.1         | 247.7      | 87.9  | .....         | 101.2 | 58.6               | 2.4                | 59.1               | 5.7                         | 52.5                   | 78.1                        |
| 1971—Dec..... | 424.1                                | 336.7         | 262.0      | 97.5  | .....         | 114.0 | 50.6               | 2.3                | 72.3               | 16.8                        | 54.9                   | 85.7                        |
| 1972—Dec..... | 449.3                                | 351.4         | 269.5      | 103.9 | .....         | 121.5 | 44.1               | 2.3                | 79.5               | 20.6                        | 58.1                   | 95.9                        |
| 1973—Jan..... | 450.1                                | 353.2         | 271.1      | 104.9 | .....         | 121.5 | 44.7               | 2.3                | 79.7               | 20.5                        | 58.4                   | 95.0                        |
| Feb.....      | 454.8                                | 357.1         | 269.9      | 105.0 | .....         | 120.2 | 44.6               | 2.3                | 84.9               | 25.4                        | 58.7                   | 95.8                        |
| Mar.....      | 458.6                                | 360.4         | 269.8      | 105.0 | .....         | 120.2 | 44.6               | 2.3                | 88.3               | 28.3                        | 59.0                   | 96.4                        |
| Apr.....      | 457.1                                | 358.9         | 267.8      | 103.2 | .....         | 120.2 | 44.5               | 2.3                | 88.7               | 28.5                        | 59.3                   | 96.4                        |
| May.....      | 457.3                                | 357.1         | 265.9      | 103.0 | .....         | 117.8 | 45.1               | 2.3                | 88.9               | 28.3                        | 59.7                   | 98.3                        |
| June.....     | 458.1                                | 354.6         | 263.0      | 100.1 | .....         | 117.8 | 45.1               | 2.3                | 89.4               | 28.5                        | 59.9                   | 101.7                       |
| July.....     | 459.0                                | 354.2         | 262.7      | 99.9  | .....         | 117.8 | 45.0               | 2.3                | 89.2               | 28.2                        | 60.2                   | 103.0                       |
| Aug.....      | 461.8                                | 353.8         | 262.4      | 101.8 | .....         | 118.7 | 42.0               | 2.3                | 89.1               | 27.9                        | 60.3                   | 106.1                       |
| Sept.....     | 461.4                                | 354.1         | 262.4      | 99.8  | .....         | 120.7 | 41.9               | 2.3                | 89.5               | 28.2                        | 60.3                   | 105.4                       |
| Oct.....      | 462.5                                | 355.5         | 264.0      | 101.6 | .....         | 120.7 | 41.8               | 2.3                | 89.2               | 27.8                        | 60.5                   | 105.1                       |
| Nov.....      | 464.0                                | 360.5         | 270.2      | 107.7 | .....         | 124.6 | 37.8               | 2.3                | 88.0               | 26.1                        | 60.8                   | 101.6                       |
| Dec.....      | 469.9                                | 360.7         | 270.2      | 107.8 | .....         | 124.6 | 37.8               | 2.3                | 88.2               | 26.0                        | 60.8                   | 107.1                       |
| 1974—Jan..... | 468.2                                | 360.1         | 270.1      | 107.8 | .....         | 124.6 | 37.7               | 2.3                | 87.7               | 25.3                        | 61.0                   | 106.2                       |

<sup>1</sup> Includes non-interest-bearing debt (of which \$618 million on Jan. 31, 1974, was not subject to statutory debt limitation).

<sup>2</sup> Includes Treasury bonds and minor amounts of Panama Canal and postal savings bonds.

<sup>3</sup> Includes (not shown separately): depository bonds, retirement plan bonds, and Rural Electrification Administration bonds; before 1954, Armed Forces leave bonds; before 1956, tax and savings notes; and before Oct. 1965, Series A investment bonds.

<sup>4</sup> Nonmarketable certificates of indebtedness, notes, and bonds in the Treasury foreign series and foreign currency series issues.

<sup>5</sup> Held only by U.S. Govt. agencies and trust funds and the Federal home loan banks.

NOTE.—Based on Daily Statement of U.S. Treasury. See also second paragraph in NOTE to table below.

**OWNERSHIP OF PUBLIC DEBT**

(Par value, in billions of dollars)

| End of period | Total gross public debt | Held by—                            |            | Held by private investors |                   |                      |                      |                    |                        |               |                  |  |                                    |
|---------------|-------------------------|-------------------------------------|------------|---------------------------|-------------------|----------------------|----------------------|--------------------|------------------------|---------------|------------------|--|------------------------------------|
|               |                         | U.S. Govt. agencies and trust funds | F.R. Banks | Total                     | Com-mercial banks | Mutual savings banks | Insur-ance companies | Other corporations | State and local govts. | Individuals   |                  | Foreign and international <sup>1</sup> | Other misc. investors <sup>2</sup> |
|               |                         |                                     |            |                           |                   |                      |                      |                    |                        | Savings bonds | Other securities |  |                                    |
| 1939—Dec..... | 41.9                    | 6.1                                 | 2.5        | 33.4                      | 12.7              | 2.7                  | 5.7                  | 2.0                | .4                     | 1.9           | 7.5              | .....                                  | .3                                 |
| 1946—Dec..... | 259.1                   | 27.4                                | 23.4       | 208.3                     | 74.5              | 11.8                 | 24.9                 | 15.3               | 6.3                    | 44.2          | 20.0             | 2.1                                    | 9.3                                |
| 1967—Dec..... | 344.7                   | 73.1                                | 49.1       | 222.4                     | 63.8              | 4.1                  | 8.6                  | 12.2               | 24.1                   | 51.2          | 22.8             | 15.8                                   | 19.9                               |
| 1968—Dec..... | 358.0                   | 76.6                                | 52.9       | 228.5                     | 66.0              | 3.6                  | 8.0                  | 14.2               | 24.9                   | 51.9          | 23.9             | 14.3                                   | 21.9                               |
| 1969—Dec..... | 368.2                   | 89.0                                | 57.2       | 222.0                     | 56.8              | 2.9                  | 7.1                  | 10.4               | 27.2                   | 51.8          | 29.6             | 11.2                                   | 25.0                               |
| 1970—Dec..... | 389.2                   | 97.1                                | 62.1       | 229.9                     | 62.7              | 2.8                  | 7.0                  | 7.3                | 27.8                   | 52.1          | 29.8             | 20.6                                   | 19.9                               |
| 1971—Dec..... | 424.1                   | 106.0                               | 70.2       | 247.9                     | 65.3              | 2.7                  | 6.6                  | 11.4               | 25.4                   | 54.4          | 19.6             | 46.9                                   | 15.6                               |
| 1972—Dec..... | 449.3                   | 116.9                               | 69.9       | 262.5                     | 67.7              | 2.6                  | 6.0                  | 9.8                | 28.9                   | 57.7          | 17.0             | 55.3                                   | 17.6                               |
| 1973—Jan..... | 450.1                   | 116.2                               | 72.0       | 261.8                     | 66.4              | 2.6                  | 6.1                  | 10.3               | 30.0                   | 58.0          | 17.0             | 54.2                                   | 17.4                               |
| Feb.....      | 454.8                   | 117.1                               | 72.6       | 265.1                     | 62.8              | 2.6                  | 5.8                  | 10.9               | 29.4                   | 58.3          | 16.8             | 61.1                                   | 17.4                               |
| Mar.....      | 458.6                   | 117.9                               | 74.3       | 266.4                     | 62.0              | 2.5                  | 5.9                  | 11.2               | 29.4                   | 58.6          | 16.8             | 63.1                                   | 17.0                               |
| Apr.....      | 457.1                   | 117.9                               | 75.5       | 263.7                     | 60.5              | 2.5                  | 5.7                  | 10.0               | 29.2                   | 58.9          | 16.6             | 61.7                                   | 18.7                               |
| May.....      | 457.3                   | 120.1                               | 74.1       | 263.1                     | 58.9              | 2.4                  | 5.7                  | 10.8               | 28.6                   | 59.2          | 16.5             | 61.1                                   | 19.9                               |
| June.....     | 458.1                   | 123.4                               | 75.0       | 259.7                     | 58.8              | 2.4                  | 5.7                  | 9.8                | 28.8                   | 59.5          | 16.4             | 60.2                                   | 18.1                               |
| July.....     | 459.0                   | 125.0                               | 77.1       | 256.9                     | 56.5              | 2.2                  | 5.8                  | 10.3               | 28.4                   | 59.7          | 17.0             | 59.7                                   | 17.3                               |
| Aug.....      | 461.8                   | 128.7                               | 76.1       | 257.1                     | 55.1              | 2.1                  | 5.7                  | 11.5               | 27.7                   | 59.8          | 17.2             | 59.2                                   | 18.8                               |
| Sept.....     | 461.4                   | 127.8                               | 76.2       | 257.4                     | 55.4              | 2.0                  | 5.7                  | 9.2                | 29.0                   | 59.8          | 17.3             | 58.5                                   | 20.4                               |
| Oct.....      | 462.5                   | 127.4                               | 78.5       | 256.5                     | 56.3              | 2.0                  | 5.6                  | 10.2               | 28.5                   | 60.0          | 17.0             | 57.5                                   | 19.4                               |
| Nov.....      | 464.0                   | 127.1                               | 77.1       | 259.8                     | 58.5              | 2.0                  | 5.6                  | 11.1               | 28.9                   | 60.3          | 16.9             | 56.2                                   | 20.4                               |
| Dec.....      | 469.9                   | 129.6                               | 78.5       | 261.7                     | 60.3              | .....                | .....                | 10.9               | 29.2                   | .....         | 16.9             | .....                                  | 20.8                               |

<sup>1</sup> Consists of investments of foreign and international accounts in the United States.

<sup>2</sup> Consists of savings and loan assns., nonprofit institutions, corporate pension trust funds, and dealers and brokers. Also included are certain Govt. deposit accounts and Govt.-sponsored agencies.

NOTE.—Reported data for F.R. Banks and U.S. Govt. agencies and trust funds; Treasury estimates for other groups.

The debt and ownership concepts were altered beginning with the Mar. 1969 BULLETIN. The new concepts (1) exclude guaranteed securities and (2) remove from U.S. Govt. agencies and trust funds and add to other miscellaneous investors the holdings of certain Govt.-sponsored but privately owned agencies and certain Govt. deposit accounts.

## OWNERSHIP OF MARKETABLE SECURITIES, BY MATURITY

(Par value, in millions of dollars)

| Type of holder and date                     | Total   | Within 1 year |         |        | 1-5 years | 5-10 years | 10-20 years | Over 20 years |
|---|---------|---------------|---------|--------|-----------|------------|-------------|---------------|
|   |         | Total         | Bills   | Other  |           |            |             |               |
| <b>All holders:</b>                         |         |               |         |        |           |            |             |               |
| 1970—Dec. 31.....                           | 247,713 | 123,423       | 87,923  | 35,500 | 82,318    | 22,554     | 8,556       | 10,863        |
| 1971—Dec. 31.....                           | 262,038 | 119,141       | 97,505  | 21,636 | 93,648    | 29,321     | 9,530       | 10,397        |
| 1972—Dec. 31.....                           | 269,509 | 130,422       | 103,870 | 26,552 | 88,564    | 29,143     | 15,301      | 6,079         |
| 1973—Nov. 30.....                           | 270,234 | 139,433       | 107,749 | 31,684 | 83,817    | 25,136     | 15,679      | 6,169         |
| Dec. 31.....                                | 270,224 | 141,571       | 107,786 | 33,785 | 81,715    | 25,134     | 15,659      | 6,145         |
| <b>U.S. Govt. agencies and trust funds:</b> |         |               |         |        |           |            |             |               |
| 1970—Dec. 31.....                           | 17,092  | 3,005         | 708     | 2,297  | 6,075     | 3,877      | 1,748       | 2,387         |
| 1971—Dec. 31.....                           | 18,444  | 1,380         | 605     | 775    | 7,614     | 4,676      | 2,319       | 2,456         |
| 1972—Dec. 31.....                           | 19,360  | 1,609         | 674     | 935    | 6,418     | 5,487      | 4,317       | 1,530         |
| 1973—Nov. 30.....                           | 23,984  | 5,161         | 3,570   | 1,591  | 7,789     | 4,405      | 5,008       | 1,620         |
| Dec. 31.....                                | 20,962  | 2,220         | 631     | 1,589  | 7,714     | 4,389      | 5,019       | 1,620         |
| <b>Federal Reserve Banks:</b>               |         |               |         |        |           |            |             |               |
| 1970—Dec. 31.....                           | 62,142  | 36,338        | 25,965  | 10,373 | 19,089    | 6,046      | 229         | 440           |
| 1971—Dec. 31.....                           | 70,218  | 36,032        | 31,033  | 4,999  | 25,299    | 7,702      | 584         | 606           |
| 1972—Dec. 31.....                           | 69,906  | 37,750        | 29,745  | 8,005  | 24,497    | 6,109      | 1,414       | 131           |
| 1973—Nov. 30.....                           | 77,129  | 44,709        | 35,471  | 9,239  | 23,109    | 7,543      | 1,584       | 184           |
| Dec. 31.....                                | 78,516  | 46,189        | 36,928  | 9,261  | 23,062    | 7,504      | 1,577       | 184           |
| <b>Held by private investors:</b>           |         |               |         |        |           |            |             |               |
| 1970—Dec. 31.....                           | 168,479 | 84,080        | 61,250  | 22,830 | 57,154    | 12,631     | 6,579       | 8,036         |
| 1971—Dec. 31.....                           | 173,376 | 81,729        | 65,867  | 15,862 | 60,735    | 16,943     | 6,627       | 7,340         |
| 1972—Dec. 31.....                           | 180,243 | 91,063        | 73,451  | 17,612 | 57,649    | 17,547     | 9,570       | 4,413         |
| 1973—Nov. 30.....                           | 169,121 | 89,563        | 68,708  | 20,854 | 52,919    | 13,188     | 9,087       | 4,365         |
| Dec. 31.....                                | 170,746 | 93,162        | 70,227  | 22,935 | 50,939    | 13,241     | 9,063       | 4,341         |
| <b>Commercial banks:</b>                    |         |               |         |        |           |            |             |               |
| 1970—Dec. 31.....                           | 50,917  | 19,208        | 10,314  | 8,894  | 26,609    | 4,474      | 367         | 260           |
| 1971—Dec. 31.....                           | 51,363  | 14,920        | 8,287   | 6,633  | 28,823    | 6,847      | 555         | 217           |
| 1972—Dec. 31.....                           | 52,440  | 18,077        | 10,289  | 7,788  | 27,765    | 5,654      | 864         | 80            |
| 1973—Nov. 30.....                           | 44,135  | 15,048        | 6,336   | 8,712  | 24,027    | 3,909      | 900         | 252           |
| Dec. 31.....                                | 45,737  | 17,499        | 7,901   | 9,598  | 22,878    | 4,022      | 1,065       | 272           |
| <b>Mutual savings banks:</b>                |         |               |         |        |           |            |             |               |
| 1970—Dec. 31.....                           | 2,745   | 525           | 171     | 354    | 1,168     | 339        | 329         | 385           |
| 1971—Dec. 31.....                           | 2,742   | 416           | 235     | 181    | 1,221     | 499        | 281         | 326           |
| 1972—Dec. 31.....                           | 2,609   | 590           | 309     | 281    | 1,152     | 469        | 274         | 124           |
| 1973—Nov. 30.....                           | 1,968   | 526           | 231     | 295    | 777       | 220        | 308         | 138           |
| Dec. 31.....                                | 1,955   | 562           | 222     | 340    | 750       | 211        | 300         | 131           |
| <b>Insurance companies:</b>                 |         |               |         |        |           |            |             |               |
| 1970—Dec. 31.....                           | 6,066   | 893           | 456     | 437    | 1,723     | 849        | 1,369       | 1,231         |
| 1971—Dec. 31.....                           | 5,679   | 720           | 325     | 395    | 1,499     | 993        | 1,366       | 1,102         |
| 1972—Dec. 31.....                           | 5,220   | 799           | 448     | 351    | 1,190     | 976        | 1,593       | 661           |
| 1973—Nov. 30.....                           | 4,803   | 681           | 238     | 443    | 1,058     | 1,232      | 1,306       | 526           |
| Dec. 31.....                                | 4,956   | 779           | 312     | 467    | 1,073     | 1,278      | 1,301       | 523           |
| <b>Nonfinancial corporations:</b>           |         |               |         |        |           |            |             |               |
| 1970—Dec. 31.....                           | 3,057   | 1,547         | 1,194   | 353    | 1,260     | 242        | 2           | 6             |
| 1971—Dec. 31.....                           | 6,021   | 4,191         | 3,280   | 911    | 1,492     | 301        | 16          | 20            |
| 1972—Dec. 31.....                           | 4,948   | 3,604         | 1,198   | 2,406  | 1,198     | 121        | 25          | 1             |
| 1973—Nov. 30.....                           | 5,637   | 3,623         | 1,850   | 1,773  | 1,622     | 292        | 72          | 28            |
| Dec. 31.....                                | 4,905   | 3,295         | 1,695   | 1,600  | 1,281     | 260        | 54          | 15            |
| <b>Savings and loan associations:</b>       |         |               |         |        |           |            |             |               |
| 1970—Dec. 31.....                           | 3,263   | 583           | 220     | 363    | 1,899     | 281        | 243         | 258           |
| 1971—Dec. 31.....                           | 3,002   | 629           | 343     | 286    | 1,449     | 587        | 162         | 175           |
| 1972—Dec. 31.....                           | 2,873   | 820           | 498     | 322    | 1,140     | 605        | 226         | 81            |
| 1973—Nov. 30.....                           | 2,240   | 583           | 143     | 440    | 1,045     | 325        | 212         | 76            |
| Dec. 31.....                                | 2,103   | 576           | 121     | 455    | 1,011     | 320        | 151         | 45            |
| <b>State and local governments:</b>         |         |               |         |        |           |            |             |               |
| 1970—Dec. 31.....                           | 11,204  | 5,184         | 3,803   | 1,381  | 2,458     | 774        | 1,191       | 1,598         |
| 1971—Dec. 31.....                           | 9,823   | 4,592         | 3,832   | 760    | 2,268     | 783        | 918         | 1,263         |
| 1972—Dec. 31.....                           | 10,904  | 6,159         | 5,203   | 956    | 2,033     | 816        | 1,298       | 598           |
| 1973—Nov. 30.....                           | 9,838   | 5,890         | 4,743   | 1,147  | 1,771     | 790        | 1,036       | 350           |
| Dec. 31.....                                | 9,829   | 5,845         | 4,483   | 1,362  | 1,870     | 778        | 1,003       | 332           |
| <b>All others:</b>                          |         |               |         |        |           |            |             |               |
| 1970—Dec. 31.....                           | 91,227  | 56,140        | 45,092  | 11,048 | 22,037    | 5,672      | 3,078       | 4,298         |
| 1971—Dec. 31.....                           | 94,746  | 56,261        | 49,565  | 6,696  | 23,983    | 6,933      | 3,329       | 4,237         |
| 1972—Dec. 31.....                           | 101,249 | 61,014        | 55,506  | 5,508  | 23,171    | 8,906      | 5,290       | 2,868         |
| 1973—Nov. 30.....                           | 100,500 | 63,212        | 55,167  | 8,044  | 22,619    | 6,420      | 5,253       | 2,995         |
| Dec. 31.....                                | 101,261 | 64,606        | 55,493  | 9,113  | 22,076    | 6,372      | 5,189       | 3,023         |

NOTE.—Direct public issues only. Based on Treasury Survey of Ownership.

Data complete for U.S. Govt. agencies and trust funds and F.R. Banks, but data for other groups include only holdings of those institutions that report. The following figures show, for each category, the number and proportion reporting: (1) 5,607 commercial banks, 479 mutual savings

banks, and 735 insurance companies combined, each about 90 per cent; (2) 464 nonfinancial corporations and 485 savings and loan assns., each about 50 per cent; and (3) 505 State and local govts., about 40 per cent.

"All others," a residual, includes holdings of all those not reporting in the Treasury Survey, including investor groups not listed separately.

**DAILY-AVERAGE DEALER TRANSACTIONS**

(Par value, in millions of dollars)

| Period           | U.S. Government securities |               |           |            |               |                               |                               |                  |                        | U.S. Govt. agency securities |
|------------------|----------------------------|---------------|-----------|------------|---------------|-------------------------------|-------------------------------|------------------|------------------------|------------------------------|
|                  | Total                      | By maturity   |           |            |               | By type of customer           |                               |                  |                        |                              |
|                  |                            | Within 1 year | 1-5 years | 5-10 years | Over 10 years | U.S. Govt. securities dealers | U.S. Govt. securities brokers | Commercial banks | All other <sup>1</sup> |                              |
| 1972—Dec.....    | 3,184                      | 2,640         | 361       | 118        | 65            | 757                           | 352                           | 1,215            | 860                    | 472                          |
| 1973—Jan.....    | 3,158                      | 2,445         | 443       | 148        | 122           | 793                           | 470                           | 1,113            | 781                    | 463                          |
| Feb.....         | 4,155                      | 2,975         | 721       | 370        | 89            | 888                           | 808                           | 1,360            | 1,099                  | 645                          |
| Mar.....         | 3,077                      | 2,311         | 508       | 201        | 57            | 713                           | 585                           | 987              | 792                    | 664                          |
| Apr.....         | 3,185                      | 2,535         | 440       | 165        | 46            | 709                           | 636                           | 1,075            | 766                    | 714                          |
| May.....         | 3,187                      | 2,390         | 322       | 323        | 153           | 661                           | 543                           | 1,057            | 927                    | 687                          |
| June.....        | 2,969                      | 2,335         | 289       | 228        | 118           | 593                           | 622                           | 975              | 778                    | 732                          |
| July.....        | 2,993                      | 2,330         | 367       | 226        | 72            | 581                           | 632                           | 982              | 798                    | 700                          |
| Aug.....         | 3,366                      | 2,403         | 706       | 172        | 85            | 566                           | 874                           | 1,044            | 881                    | 771                          |
| Sept.....        | 3,884                      | 3,021         | 644       | 158        | 61            | 583                           | 1,182                         | 1,142            | 977                    | 1,048                        |
| Oct.....         | 3,384                      | 2,798         | 374       | 163        | 48            | 568                           | 954                           | 1,073            | 789                    | 810                          |
| Nov.....         | 4,022                      | 3,001         | 485       | 447        | 89            | 655                           | 1,188                         | 1,173            | 1,009                  | 810                          |
| Dec.....         | 3,889                      | 3,167         | 348       | 317        | 58            | 675                           | 1,051                         | 1,123            | 1,040                  | 869                          |
| Week ending—     |                            |               |           |            |               |                               |                               |                  |                        |                              |
| 1973—Dec. 5..... | 4,007                      | 3,305         | 353       | 278        | 69            | 631                           | 1,094                         | 1,230            | 1,050                  | 989                          |
| 12.....          | 4,528                      | 3,724         | 388       | 378        | 39            | 776                           | 1,502                         | 1,215            | 1,036                  | 854                          |
| 19.....          | 4,321                      | 3,528         | 374       | 327        | 94            | 772                           | 1,108                         | 1,252            | 1,191                  | 1,224                        |
| 26.....          | 3,032                      | 2,463         | 285       | 241        | 44            | 527                           | 687                           | 913              | 906                    | 716                          |
| 1974—Jan. 2..... | 3,208                      | 2,528         | 315       | 315        | 50            | 552                           | 589                           | 981              | 1,087                  | 520                          |
| 9.....           | 3,141                      | 2,564         | 322       | 215        | 39            | 620                           | 706                           | 963              | 852                    | 735                          |
| 16.....          | 3,521                      | 2,889         | 341       | 244        | 46            | 671                           | 914                           | 1,000            | 936                    | 540                          |
| 23.....          | 3,323                      | 2,745         | 330       | 212        | 37            | 615                           | 865                           | 996              | 846                    | 813                          |
| 30.....          | 4,160                      | 3,694         | 273       | 143        | 50            | 865                           | 955                           | 1,361            | 979                    | 638                          |

<sup>1</sup> Since Jan. 1972 has included transactions of dealers and brokers in securities other than U.S. Govt.

They do not include allotments of, and exchanges for, new U.S. Govt. securities, redemptions of called or matured securities, or purchases or sales of securities under repurchase agreement, reverse repurchase (resale), or similar contracts. Averages of daily figures based on the number of trading days in the period.

NOTE.—The transactions data combine market purchases and sales of U.S. Govt. securities dealers reporting to the F.R. Bank of New York.

**DAILY-AVERAGE DEALER POSITIONS**

(Par value, in millions of dollars)

| Period           | U.S. Government securities, by maturity |               |           |            |               | U.S. Govt. agency securities |
|------------------|---|---------------|-----------|------------|---------------|------------------------------|
|                  | All maturities                          | Within 1 year | 1-5 years | 5-10 years | Over 10 years |                              |
| 1972—Dec.....    | 4,973                                   | 4,903         | 73        | -41        | 37            | 556                          |
| 1973—Jan.....    | 4,744                                   | 4,959         | -53       | -259       | 97            | 281                          |
| Feb.....         | 3,394                                   | 3,365         | -9        | -1         | 39            | 202                          |
| Mar.....         | 2,702                                   | 3,130         | -274      | -143       | -11           | 180                          |
| Apr.....         | 2,795                                   | 3,105         | -159      | -143       | -9            | 274                          |
| May.....         | 2,626                                   | 2,596         | -324      | 179        | 175           | 356                          |
| June.....        | 2,976                                   | 2,818         | -165      | 91         | 232           | 744                          |
| July.....        | 1,901                                   | 2,062         | -250      | -43        | 131           | 511                          |
| Aug.....         | 1,788                                   | 1,977         | -94       | -107       | 12            | 273                          |
| Sept.....        | 3,201                                   | 2,958         | 316       | -111       | 38            | 799                          |
| Oct.....         | 3,073                                   | 2,858         | 93        | 56         | 67            | 904                          |
| Nov.....         | 3,618                                   | 3,034         | 95        | 350        | 139           | 1,185                        |
| Dec.....         | 4,441                                   | 3,697         | 223       | 396        | 124           | 1,400                        |
| Week ending—     |   |               |           |            |               |                              |
| 1973—Nov. 7..... | 4,300                                   | 3,295         | 327       | 521        | 157           | 1,163                        |
| 14.....          | 3,851                                   | 3,237         | 60        | 391        | 161           | 1,197                        |
| 21.....          | 3,211                                   | 2,836         | -50       | 291        | 135           | 1,125                        |
| 28.....          | 3,022                                   | 2,583         | 76        | 246        | 117           | 1,188                        |
| Dec. 5.....      | 3,858                                   | 3,361         | 117       | 277        | 103           | 1,255                        |
| 12.....          | 4,660                                   | 4,021         | 168       | 381        | 90            | 1,203                        |
| 19.....          | 4,961                                   | 4,048         | 291       | 485        | 137           | 1,477                        |
| 26.....          | 4,460                                   | 3,565         | 301       | 431        | 163           | 1,666                        |

NOTE.—The figures include all securities sold by dealers under repurchase contracts regardless of the maturity date of the contract, unless the contract is matched by a reverse repurchase (resale) agreement or delayed delivery sale with the same maturity and involving the same amount of securities. Included in the repurchase contracts are some that more clearly represent investments by the holders of the securities rather than dealer trading positions.  
Average of daily figures based on number of trading days in the period.

**DAILY-AVERAGE DEALER FINANCING**

(In millions of dollars)

| Period           | All sources | Commercial banks |           | Corporations <sup>1</sup> | All other |
|------------------|-------------|------------------|-----------|---------------------------|-----------|
|                  |             | New York City    | Elsewhere |                           |           |
| 1972—Dec.....    | 4,848       | 1,695            | 808       | 944                       | 1,399     |
| 1973—Jan.....    | 4,520       | 1,346            | 794       | 932                       | 1,449     |
| Feb.....         | 3,415       | 1,063            | 455       | 490                       | 1,408     |
| Mar.....         | 2,799       | 903              | 292       | 281                       | 1,323     |
| Apr.....         | 3,032       | 935              | 513       | 311                       | 1,273     |
| May.....         | 2,667       | 674              | 452       | 252                       | 1,291     |
| June.....        | 3,769       | 1,242            | 690       | 431                       | 1,406     |
| July.....        | 2,826       | 725              | 544       | 510                       | 1,047     |
| Aug.....         | 2,318       | 829              | 327       | 386                       | 777       |
| Sept.....        | 4,244       | 1,620            | 877       | 441                       | 1,306     |
| Oct.....         | 3,721       | 1,253            | 918       | 328                       | 1,223     |
| Nov.....         | 4,469       | 1,809            | 900       | 570                       | 1,190     |
| Dec.....         | 5,468       | 2,322            | 1,147     | 671                       | 1,329     |
| Week ending—     |             |                  |           |                           |           |
| 1973—Nov. 7..... | 4,919       | 2,213            | 1,067     | 559                       | 1,081     |
| 14.....          | 4,841       | 1,951            | 862       | 624                       | 1,403     |
| 21.....          | 4,149       | 1,554            | 864       | 489                       | 1,242     |
| 28.....          | 4,103       | 1,595            | 835       | 572                       | 1,101     |
| Dec. 5.....      | 4,344       | 1,619            | 896       | 620                       | 1,210     |
| 12.....          | 5,464       | 2,456            | 1,195     | 588                       | 1,225     |
| 19.....          | 5,790       | 2,618            | 1,202     | 693                       | 1,279     |
| 26.....          | 5,936       | 2,492            | 1,119     | 823                       | 1,502     |

<sup>1</sup> All business corporations, except commercial banks and insurance companies.

NOTE.—Averages of daily figures based on the number of calendar days in the period. Both bank and nonbank dealers are included. See also NOTE to the table on the left.

U.S. GOVERNMENT MARKETABLE AND CONVERTIBLE SECURITIES, JANUARY 31, 1974

(In millions of dollars)

| Issue and coupon rate | Amount | Issue and coupon rate       | Amount | Issue and coupon rate       | Amount | Issue and coupon rate      | Amount |
|-----------------------|--------|-----------------------------|--------|-----------------------------|--------|----------------------------|--------|
| <b>Treasury bills</b> |        | <b>Treasury bills—Cont.</b> |        | <b>Treasury notes—Cont.</b> |        | <b>Treasury bonds</b>      |        |
| Feb. 7, 1974.....     | 4,303  | June 27, 1974.....          | 1,802  | May 15, 1975.....5%         | 1,776  | Feb. 15, 1974.....4½       | 2,466  |
| Feb. 12, 1974.....    | 1,801  | July 2, 1974.....           | 1,802  | May 15, 1975.....6          | 6,760  | May 15, 1974.....4¼        | 2,848  |
| Feb. 14, 1974.....    | 4,309  | July 5, 1974.....           | 1,803  | Aug. 15, 1975.....5%        | 7,679  | Nov. 15, 1974.....3%       | 1,214  |
| Feb. 21, 1974.....    | 4,254  | July 11, 1974.....          | 1,809  | Sept. 30, 1975.....8%       | 2,042  | May 15, 1975-85...4¼       | 1,202  |
| Feb. 28, 1974.....    | 4,303  | July 18, 1974.....          | 1,811  | Oct. 1, 1975.....1½         | 30     | June 15, 1978-83...3¼      | 1,481  |
| Mar. 7, 1974.....     | 4,320  | July 25, 1974.....          | 1,798  | Nov. 15, 1975.....7         | 3,115  | Feb. 15, 1980.....4        | 2,574  |
| Mar. 12, 1974.....    | 1,790  | July 30, 1974.....          | 1,804  | Dec. 31, 1975.....7         | 1,731  | Nov. 15, 1980.....3½       | 1,896  |
| Mar. 14, 1974.....    | 4,304  | Aug. 1, 1974.....           | 1,803  | Feb. 15, 1976.....6¼        | 3,739  | Aug. 15, 1981.....7        | 807    |
| Mar. 21, 1974.....    | 4,305  | Aug. 27, 1974.....          | 1,805  | Feb. 15, 1976.....5%        | 4,945  | Feb. 15, 1982.....6%       | 2,702  |
| Mar. 28, 1974.....    | 4,327  | Sept. 24, 1974.....         | 1,802  | Apr. 1, 1976.....1½         | 27     | Aug. 15, 1984.....6%       | 2,353  |
| Apr. 4, 1974.....     | 4,302  | Oct. 22, 1974.....          | 1,802  | May 15, 1976.....5%         | 2,802  | May 15, 1985.....3¼        | 952    |
| Apr. 9, 1974.....     | 1,802  | Nov. 19, 1974.....          | 1,801  | May 15, 1976.....6½         | 2,697  | Nov. 15, 1986.....6½       | 1,216  |
| Apr. 11, 1974.....    | 4,308  | Dec. 17, 1974.....          | 1,803  | Aug. 15, 1976.....7½        | 4,194  | Aug. 15, 1987-92...4¼      | 3,690  |
| Apr. 18, 1974.....    | 4,304  | Jan. 14, 1974.....          | 1,802  | Aug. 15, 1976.....6½        | 3,883  | Feb. 15, 1988-93...4       | 228    |
| Apr. 19, 1974†.....   | 3,009  |                             |        | Oct. 1, 1976.....1½         | 11     | May 15, 1989-94...4½       | 1,466  |
| Apr. 25, 1974.....    | 4,307  | <b>Treasury notes</b>       |        | Nov. 15, 1976.....6¼        | 4,325  | Feb. 15, 1990.....3½       | 3,964  |
| May 2, 1974.....      | 4,308  | Feb. 15, 1974.....7¾        | 2,960  | Feb. 15, 1977.....8         | 5,163  | Feb. 15, 1993.....6¾       | 627    |
| May 7, 1974.....      | 1,800  | Apr. 1, 1974.....1½         | 34     | Apr. 1, 1977.....1½         | 5      | Aug. 15, 1993.....7½       | 1,364  |
| May 9, 1974.....      | 1,801  | May 15, 1974.....7¼         | 4,334  | Aug. 15, 1977.....7¾        | 4,918  | Feb. 15, 1995.....3        | 839    |
| May 16, 1974.....     | 1,801  | Aug. 15, 1974.....5%        | 10,284 | Oct. 1, 1977.....1½         | 17     | May 15, 1993-98...7        | 692    |
| May 23, 1974.....     | 1,800  | Sept. 30, 1974.....6        | 2,060  | Feb. 15, 1978.....6¼        | 8,389  | Nov. 15, 1998.....3½       | 3,102  |
| May 30, 1974.....     | 1,798  | Oct. 1, 1974.....1½         | 42     | Apr. 1, 1978.....1½         | 15     |                            |        |
| June 4, 1974.....     | 1,801  | Nov. 15, 1974.....5¾        | 5,442  | Oct. 1, 1978.....1½         | 2      |                            |        |
| June 6, 1974.....     | 1,801  | Dec. 31, 1974.....5%        | 2,102  | Nov. 15, 1978.....6         | 8,207  |                            |        |
| June 13, 1974.....    | 1,801  | Feb. 15, 1975.....5¾        | 4,015  | Aug. 15, 1979.....6¼        | 4,559  | <b>Convertible bonds</b>   |        |
| June 20, 1974.....    | 1,799  | Feb. 15, 1975.....5%        | 1,222  | Nov. 15, 1979.....6%        | 1,604  | <b>Investment Series B</b> |        |
| June 21, 1974†.....   | 2,000  | Apr. 1, 1975.....1½         | 8      | Nov. 15, 1979.....7         | 2,244  | Apr. 1, 1975-80...2¾       |        |
|                       |        |                             |        | May 15, 1980.....6%         | 7,265  | 2,273                      |        |

† Tax-anticipation series.

NOTE.—Direct public issues only. Based on Daily Statement of U.S. Treasury.

NEW ISSUES OF STATE AND LOCAL GOVERNMENT SECURITIES

(In millions of dollars)

| Period        | All issues (new capital and refunding) |                     |         |                  |                  |                |                                  |                    | Total amount delivered <sup>3</sup> | Issues for new capital |                 |                   |                          |                        |               |                |
|---------------|--|---------------------|---------|------------------|------------------|----------------|----------------------------------|--------------------|-------------------------------------|------------------------|-----------------|-------------------|--------------------------|------------------------|---------------|----------------|
|               | Total                                  | Type of issue       |         |                  |                  | Type of issuer |                                  |                    |                                     | Total                  | Use of proceeds |                   |                          |                        |               |                |
|               |  | General obligations | Revenue | HAA <sup>1</sup> | U.S. Govt. loans | State          | Special district and stat. auth. | Other <sup>2</sup> |                                     |                        | Edu- cation     | Roads and bridges | Utili- ties <sup>4</sup> | Hous- ing <sup>5</sup> | Veterans' aid | Other purposes |
| 1964.....     | 10,847                                 | 6,417               | 3,585   | 637              | 208              | 1,628          | 3,812                            | 5,407              | 10,069                              | 10,201                 | 3,392           | 688               | 2,437                    | 727                    | 120           | 2,838          |
| 1965.....     | 11,329                                 | 7,177               | 3,517   | 464              | 170              | 2,401          | 3,784                            | 5,144              | 11,538                              | 10,471                 | 3,619           | 900               | 1,965                    | 626                    | 50            | 3,311          |
| 1966.....     | 11,405                                 | 6,804               | 3,955   | 325              | 312              | 2,590          | 4,110                            | 4,695              | 11,303                              | 11,303                 | 3,738           | 1,476             | 1,880                    | 533                    | .....         | 3,667          |
| 1967.....     | 14,766                                 | 8,985               | 5,013   | 477              | 334              | 2,842          | 4,810                            | 7,115              | 14,643                              | 14,643                 | 4,473           | 1,254             | 2,404                    | 645                    | .....         | 5,867          |
| 1968.....     | 16,596                                 | 9,269               | 6,517   | 528              | 282              | 2,774          | 5,946                            | 7,884              | 16,489                              | 16,489                 | 4,820           | 1,526             | 2,833                    | 787                    | .....         | 6,523          |
| 1969.....     | 11,881                                 | 7,725               | 3,556   | 402              | 197              | 3,359          | 3,596                            | 4,926              | 11,838                              | 11,838                 | 3,252           | 1,432             | 1,734                    | 543                    | .....         | 4,884          |
| 1970.....     | 18,164                                 | 11,850              | 6,082   | 131              | 103              | 4,174          | 5,595                            | 8,399              | 18,110                              | 18,110                 | 5,062           | 1,532             | 3,525                    | 466                    | .....         | 7,526          |
| 1971.....     | 24,962                                 | 15,220              | 8,681   | 1,000            | 62               | 5,999          | 8,714                            | 10,246             | 24,495                              | 24,495                 | 5,278           | 2,642             | 5,214                    | 2,068                  | .....         | 9,293          |
| 1972.....     | 23,652                                 | 13,305              | 9,332   | 959              | 57               | 4,991          | 9,496                            | 9,165              | 22,073                              | 22,073                 | 4,981           | 1,689             | 4,638                    | 1,910                  | .....         | 6,741          |
| 1972—Nov..... | 1,862                                  | 1,147               | 711     | .....            | 5                | 425            | 572                              | 866                | 1,762                               | 1,762                  | 312             | 215               | 365                      | 56                     | .....         | 814            |
| Dec.....      | 1,797                                  | 872                 | 653     | 268              | 4                | 147            | 754                              | 895                | 1,507                               | 1,507                  | 351             | 21                | 204                      | 332                    | .....         | 599            |
| 1973—Jan..... | 1,974                                  | 1,149               | 822     | .....            | 3                | 602            | 454                              | 919                | 1,806                               | 1,806                  | 369             | 215               | 418                      | 117                    | .....         | 689            |
| Feb.....      | 1,500                                  | 768                 | 731     | .....            | 1                | 47             | 561                              | 789                | 1,399                               | 1,399                  | 365             | 766               | 406                      | 10                     | .....         | 551            |
| Mar.....      | 2,451                                  | 1,227               | 916     | 303              | 6                | 613            | 914                              | 924                | 2,194                               | 2,194                  | 373             | 153               | 497                      | 347                    | .....         | 823            |
| Apr.....      | 1,817                                  | 866                 | 941     | .....            | 9                | 159            | 730                              | 926                | 1,751                               | 1,751                  | 306             | 12                | 448                      | 88                     | .....         | 897            |
| May.....      | 1,920                                  | 819                 | 1,093   | .....            | 8                | 291            | 931                              | 769                | 1,756                               | 1,756                  | 299             | 232               | 422                      | 222                    | .....         | 580            |
| June.....     | 2,138                                  | 1,016               | 856     | 261              | 5                | 189            | 1,076                            | 874                | 2,130                               | 2,130                  | 538             | 102               | 639                      | 334                    | .....         | 517            |
| July.....     | 2,003                                  | 1,455               | 542     | .....            | 6                | 516            | 349                              | 1,138              | 1,982                               | 1,982                  | 392             | 231               | 360                      | 3                      | .....         | 996            |
| Aug.....      | 1,528                                  | 951                 | 575     | .....            | 2                | 452            | 477                              | 600                | 1,475                               | 1,475                  | 263             | 29                | 331                      | 290                    | .....         | 563            |
| Sept.....     | 1,675                                  | 698                 | 682     | 293              | 2                | 236            | 794                              | 645                | 1,608                               | 1,608                  | 306             | 64                | 571                      | 390                    | .....         | 277            |
| Oct.....      | 2,257                                  | 1,309               | 942     | .....            | 6                | 337            | 823                              | 1,098              | 2,116                               | 2,116                  | 287             | 142               | 392                      | 250                    | .....         | 1,047          |

<sup>1</sup> Only bonds sold pursuant to 1949 Housing Act, which are secured by contract requiring the Housing Assistance Administration to make annual contributions to the local authority.

<sup>2</sup> Municipalities, counties, townships, school districts.

<sup>3</sup> Excludes U.S. Govt. loans. Based on date of delivery to purchaser and payment to issuer, which occurs after date of sale.

<sup>4</sup> Water, sewer, and other utilities.

<sup>5</sup> Includes urban redevelopment loans.

NOTE.—Security Industries Assn. data; par amounts of long-term issues based on date of sale unless otherwise indicated. Components may not add to totals due to rounding.

**TOTAL NEW ISSUES**

(In millions of dollars)

| Period        | Gross proceeds, all issues <sup>1</sup> |                         |                                |                                     |                    |           |        |                  |                  |           |        |
|---------------|---|-------------------------|--------------------------------|-------------------------------------|--------------------|-----------|--------|------------------|------------------|-----------|--------|
|               | Total                                   | Noncorporate            |                                |                                     |                    | Corporate |        |                  |                  |           |        |
|               |   | U.S. Govt. <sup>2</sup> | U.S. Govt. agency <sup>3</sup> | State and local (U.S.) <sup>4</sup> | Other <sup>5</sup> | Total     | Bonds  |                  |                  | Stock     |        |
|               |   |                         |                                |                                     |                    |           | Total  | Publicly offered | Privately placed | Preferred | Common |
| 1964.....     | 37,122                                  | 10,656                  | 1,205                          | 10,544                              | 760                | 13,957    | 10,865 | 3,623            | 7,243            | 412       | 2,679  |
| 1965.....     | 40,108                                  | 9,348                   | 2,731                          | 11,148                              | 889                | 15,992    | 13,720 | 5,570            | 8,150            | 725       | 1,547  |
| 1966.....     | 45,015                                  | 8,231                   | 6,806                          | 11,089                              | 815                | 18,074    | 15,561 | 8,018            | 7,542            | 574       | 1,939  |
| 1967.....     | 68,514                                  | 19,431                  | 8,180                          | 14,288                              | 1,817              | 24,798    | 21,954 | 14,990           | 6,964            | 885       | 1,959  |
| 1968.....     | 65,562                                  | 18,025                  | 7,666                          | 16,374                              | 1,531              | 21,966    | 17,383 | 10,732           | 6,651            | 637       | 3,946  |
| 1969.....     | 52,496                                  | 4,765                   | 8,617                          | 11,460                              | 961                | 26,744    | 18,347 | 12,734           | 5,613            | 682       | 7,714  |
| 1970.....     | 88,666                                  | 14,831                  | 16,181                         | 17,762                              | 949                | 38,945    | 30,315 | 25,384           | 4,931            | 1,390     | 7,240  |
| 1971.....     | 105,233                                 | 17,325                  | 16,283                         | 24,370                              | 2,165              | 45,090    | 32,123 | 24,775           | 7,354            | 3,670     | 9,291  |
| 1972.....     | 96,522                                  | 17,080                  | 12,825                         | 23,070                              | 1,589              | 41,957    | 28,896 | 19,434           | 9,462            | 3,367     | 9,694  |
| 1972—Nov..... | 10,987                                  | 3,590                   | 2,134                          | 1,816                               | 70                 | 3,377     | 2,343  | 1,361            | 982              | 154       | 880    |
| Dec.....      | 8,210                                   | 2,553                   | 200                            | 1,760                               | 302                | 3,396     | 2,625  | 1,024            | 1,601            | 272       | 498    |
| 1973—Jan..... | 6,523                                   | 1,199                   | 993                            | 1,889                               | 116                | 2,327     | 1,276  | 989              | 287              | 137       | 913    |
| Feb.....      | 7,325                                   | 1,603                   | 2,261                          | 1,445                               | 53                 | 2,962     | 1,957  | 641              | 316              | 172       | 832    |
| Mar.....      | 9,029                                   | 606                     | 1,826                          | 2,304                               | 359                | 3,933     | 2,116  | 1,315            | 802              | 833       | 984    |
| Apr.....      | 6,567                                   | 564                     | 1,640                          | 1,688                               | 178                | 2,497     | 1,739  | 938              | 801              | 200       | 558    |
| May.....      | 11,225                                  | 3,353                   | 3,442                          | 1,870                               | 17                 | 2,543     | 1,721  | 1,049            | 672              | 187       | 635    |
| June.....     | 7,943                                   | 559                     | 1,706                          | 2,046                               | 53                 | 3,578     | 2,757  | 1,358            | 1,398            | 216       | 606    |
| July.....     | 7,643                                   | 490                     | 2,471                          | 1,992                               | 48                 | 2,631     | 1,870  | 857              | 1,013            | 226       | 536    |
| Aug.....      | 8,019                                   | 3,097                   | 1,600                          | 1,414                               | 22                 | 1,806     | 1,382  | 792              | 590              | 94        | 330    |
| Sept.....     | 8,091                                   | 2,432                   | 2,100                          | 1,630                               | 15                 | 1,915     | 1,366  | 684              | 682              | 119       | 430    |
| Oct.....      | 8,901                                   | 485                     | 2,612                          | 2,232                               | 195                | 3,377     | 2,314  | 1,807            | 507              | 355       | 707    |
| Nov.....      | 12,311                                  | 4,521                   | 2,200                          | 2,165                               | 45                 | 3,380     | 2,106  | 1,669            | 437              | 630       | 644    |

| Period        | Gross proceeds, major groups of corporate issuers |        |                              |        |                |        |                |        |               |        |                           |        |
|---------------|---|--------|------------------------------|--------|----------------|--------|----------------|--------|---------------|--------|---------------------------|--------|
|               | Manufacturing                                     |        | Commercial and miscellaneous |        | Transportation |        | Public utility |        | Communication |        | Real estate and financial |        |
|               | Bonds   | Stocks | Bonds                        | Stocks | Bonds          | Stocks | Bonds          | Stocks | Bonds         | Stocks | Bonds                     | Stocks |
| 1964.....     | 2,819   | 228    | 902                          | 220    | 944            | 38     | 2,139          | 620    | 669           | 1,520  | 3,391                     | 466    |
| 1965.....     | 4,712   | 704    | 1,153                        | 251    | 953            | 60     | 2,332          | 604    | 808           | 139    | 3,762                     | 514    |
| 1966.....     | 5,861   | 1,208  | 1,166                        | 257    | 1,856          | 116    | 3,117          | 549    | 1,814         | 189    | 1,747                     | 193    |
| 1967.....     | 9,894   | 1,164  | 1,950                        | 117    | 1,859          | 466    | 4,217          | 718    | 1,786         | 193    | 2,247                     | 186    |
| 1968.....     | 5,668   | 1,311  | 1,759                        | 116    | 1,665          | 1,579  | 4,407          | 873    | 1,724         | 43     | 2,159                     | 662    |
| 1969.....     | 4,448   | 1,904  | 1,888                        | 3,022  | 1,899          | 247    | 5,409          | 1,326  | 1,963         | 225    | 2,739                     | 1,671  |
| 1970.....     | 9,192   | 1,320  | 1,963                        | 2,540  | 2,213          | 47     | 8,016          | 3,001  | 5,053         | 83     | 3,878                     | 1,638  |
| 1971.....     | 9,426   | 2,152  | 2,272                        | 2,390  | 1,998          | 420    | 7,605          | 4,195  | 4,227         | 1,592  | 6,601                     | 2,212  |
| 1972.....     | 4,821   | 1,809  | 2,645                        | 2,882  | 2,862          | 185    | 6,392          | 4,965  | 3,692         | 1,125  | 8,485                     | 2,095  |
| 1972—Nov..... | 346   | 79     | 429                          | 271    | 61             | 8      | 322            | 472    | 657           | 1      | 528                       | 202    |
| Dec.....      | 486   | 103    | 343                          | 149    | 214            | 25     | 491            | 370    | 34            | 17     | 1,057                     | 107    |
| 1973—Jan..... | 113   | 63     | 89                           | 105    | 120            | 1      | 529            | 371    | 30            | 3      | 395                       | 509    |
| Feb.....      | 178   | 35     | 118                          | 111    | 96             | 4      | 319            | 277    | 58            | 117    | 290                       | 461    |
| Mar.....      | 772   | 125    | 177                          | 327    | 317            | 6      | 1,076          | 1,351  | 548           | 668    | 1,462                     | 1,397  |
| Apr.....      | 772   | 22     | 237                          | 139    | 91             | 1      | 150            | 369    | 258           | .....  | 743                       | 228    |
| May.....      | 387   | 12     | 30                           | 143    | 236            | 8      | 361            | 410    | 355           | 19     | 351                       | 231    |
| June.....     | 703   | 25     | 133                          | 89     | 183            | .....  | 1,099          | 497    | 303           | 29     | 337                       | 181    |
| July.....     | 364   | 169    | 139                          | 112    | 250            | 1      | 651            | 269    | 244           | 60     | 223                       | 151    |
| Aug.....      | 230   | 49     | 149                          | 129    | 83             | 15     | 419            | 90     | 320           | 5      | 182                       | 136    |
| Sept.....     | 270   | 78     | 149                          | 96     | 140            | 2      | 334            | 252    | 228           | 16     | 244                       | 106    |
| Oct.....      | 462   | 72     | 54                           | 147    | 98             | .....  | 337            | 608    | 633           | 46     | 731                       | 192    |
| Nov.....      | 343   | 68     | 51                           | 91     | 226            | 4      | 584            | 489    | 296           | 499    | 605                       | 123    |

<sup>1</sup> Gross proceeds are derived by multiplying principal amounts or number of units by offering price.

<sup>2</sup> Includes guaranteed issues.

<sup>3</sup> Issues not guaranteed.

<sup>4</sup> See NOTE to table at bottom of preceding page.

<sup>5</sup> Foreign governments and their instrumentalities, International Bank for Reconstruction and Development, and domestic nonprofit organizations.

NOTE.—Securities and Exchange Commission estimates of new issues maturing in more than 1 year sold for cash in the United States.

**NET CHANGE IN OUTSTANDING CORPORATE SECURITIES**

(In millions of dollars)

| Period        | Derivation of change, all issuers <sup>1</sup> |             |                                      |                 |                                  |            |                             |             |                    |        |   |        |
|---------------|--|-------------|--------------------------------------|-----------------|----------------------------------|------------|-----------------------------|-------------|--------------------|--------|---|--------|
|               | All securities                                 |             |                                      | Bonds and notes |                                  |            | Common and preferred stocks |             |                    |        |   |        |
|               | New issues                                     | Retirements | Net change                           | New issues      | Retirements                      | Net change | New issues                  | Retirements | Net change         |        |   |        |
| 1968.....     | 25,439   | 12,377      | 13,062                               | 19,381          | 5,418                            | 13,962     | 6,057                       | 6,959       | -900               |        |   |        |
| 1969.....     | 28,841   | 10,813      | 18,027                               | 19,523          | 5,767                            | 13,755     | 9,318                       | 5,045       | 4,272              |        |   |        |
| 1970.....     | 38,707   | 9,079       | 29,628                               | 29,495          | 6,667                            | 22,825     | 9,213                       | 2,411       | 6,801              |        |   |        |
| 1971.....     | 46,687   | 9,507       | 37,180                               | 31,917          | 8,190                            | 23,728     | 14,769                      | 1,318       | 13,452             |        |   |        |
| 1972.....     | 42,306   | 10,224      | 32,082                               | 27,065          | 8,003                            | 19,062     | 15,242                      | 2,222       | 13,018             |        |   |        |
| 1972—III..... | 9,776  | 2,212       | 7,564                                | 6,118           | 1,603                            | 4,515      | 3,659                       | 609         | 3,049              |        |   |        |
| IV.....       | 10,944   | 2,932       | 8,012                                | 6,998           | 2,207                            | 4,790      | 3,946                       | 725         | 3,220              |        |   |        |
| 1973—I.....   | 8,219  | 2,806       | 5,412                                | 4,198           | 1,781                            | 2,417      | 4,020                       | 1,025       | 2,995              |        |   |        |
| II.....       | 9,418  | 2,470       | 6,947                                | 5,769           | 1,664                            | 4,106      | 3,648                       | 806         | 2,842              |        |   |        |
| III.....      | 6,638  | 2,150       | 4,488                                | 4,521           | 1,579                            | 2,941      | 2,118                       | 571         | 1,547              |        |   |        |
| Period        | Type of issues                                 |             |                                      |                 |                                  |            |                             |             |                    |        |   |        |
|               | Manu-<br>facturing                             |             | Commercial<br>and other <sup>2</sup> |                 | Transpor-<br>tation <sup>3</sup> |            | Public<br>utility           |             | Communi-<br>cation |        | Real estate<br>and financial <sup>1</sup> |        |
|               | Bonds<br>& notes                               | Stocks      | Bonds<br>& notes                     | Stocks          | Bonds<br>& notes                 | Stocks     | Bonds<br>& notes            | Stocks      | Bonds<br>& notes   | Stocks | Bonds<br>& notes                          | Stocks |
| 1969.....     | 3,747  | 69          | 1,075                                | 1,558           | 946                              | 186        | 4,464                       | 1,353       | 1,834              | 241    | 1,687                                     | 866    |
| 1970.....     | 6,641  | 870         | 853                                  | 1,778           | 1,104                            | 36         | 6,861                       | 2,917       | 4,806              | 94     | 2,564                                     | 1,107  |
| 1971.....     | 6,585  | 2,534       | 827                                  | 2,290           | 900                              | 800        | 6,486                       | 4,206       | 3,925              | 1,600  | 5,005                                     | 2,017  |
| 1972.....     | 1,995  | 2,094       | 1,409                                | 2,471           | 711                              | 254        | 5,137                       | 4,844       | 3,343              | 1,260  | 7,045                                     | 2,096  |
| 1972—III..... | 479  | 530         | 459                                  | 673             | 138                              | 28         | 1,410                       | 1,061       | 573                | 305    | 1,456                                     | 453    |
| IV.....       | 116  | 290         | 575                                  | 479             | 179                              | 47         | 1,056                       | 1,735       | 944                | 89     | 1,920                                     | 580    |
| 1973—I.....   | 135  | 63          | -174                                 | 377             | 127                              | -43        | 844                         | 1,170       | 520                | 185    | 965                                       | 1,244  |
| II.....       | 632  | -2          | 119                                  | 327             | 327                              | 7          | 1,136                       | 1,276       | 842                | 562    | 1,049                                     | 673    |
| III.....      | 165  | 450         | 108                                  | 247             | 414                              | -44        | 1,217                       | 557         | 752                | 77     | 284                                       | 260    |

<sup>1</sup> Excludes investment companies.  
<sup>2</sup> Extractive and commercial and miscellaneous companies.  
<sup>3</sup> Railroad and other transportation companies.

exclude foreign sales and include sales of securities held by affiliated companies, special offerings to employees, and also new stock issues and cash proceeds connected with conversions of bonds into stocks. Retirements are defined in the same way and also include securities retired with internal funds or with proceeds of issues for that purpose.

NOTE.—Securities and Exchange Commission estimates of cash transactions only. As contrasted with data shown on opposite page, new issues

**OPEN-END INVESTMENT COMPANIES**

(In millions of dollars)

| Year      | Sales and redemption<br>of own shares |             |           | Assets (market value<br>at end of period) |                            |        | Month       | Sales and redemption<br>of own shares |             |           | Assets (market value<br>at end of period) |                            |        |
|-----------|---------------------------------------|-------------|-----------|---|----------------------------|--------|-------------|---------------------------------------|-------------|-----------|---|----------------------------|--------|
|           | Sales <sup>1</sup>                    | Redemptions | Net sales | Total <sup>2</sup>                        | Cash position <sup>3</sup> | Other  |             | Sales <sup>1</sup>                    | Redemptions | Net sales | Total <sup>2</sup>                        | Cash position <sup>3</sup> | Other  |
| 1961..... | 2,951                                 | 1,160       | 1,791     | 22,789                                    | 980                        | 21,809 | 1972—Dec... | 449                                   | 619         | -170      | 59,831                                    | 3,035                      | 56,796 |
| 1962..... | 2,699                                 | 1,123       | 1,576     | 21,271                                    | 1,315                      | 19,956 | 1973—Jan... | 535                                   | 666         | -131      | 56,946                                    | 3,015                      | 53,931 |
| 1963..... | 2,460                                 | 1,504       | 952       | 25,214                                    | 1,341                      | 23,873 | Feb...      | 327                                   | 530         | -203      | 54,083                                    | 3,375                      | 50,708 |
| 1964..... | 3,404                                 | 1,875       | 1,528     | 29,116                                    | 1,329                      | 27,787 | Mar...      | 519                                   | 531         | -12       | 53,377                                    | 3,774                      | 49,603 |
| 1965..... | 4,359                                 | 1,962       | 2,395     | 35,220                                    | 1,803                      | 33,417 | Apr...      | 300                                   | 452         | -120      | 50,837                                    | 3,837                      | 46,464 |
| 1966..... | 4,671                                 | 2,005       | 2,665     | 34,829                                    | 2,971                      | 31,858 | May...      | 285                                   | 446         | -161      | 48,588                                    | 4,154                      | 44,434 |
| 1967..... | 4,670                                 | 2,745       | 1,927     | 44,701                                    | 2,566                      | 42,135 | June...     | 303                                   | 349         | -46       | 48,127                                    | 4,164                      | 43,963 |
| 1968..... | 6,820                                 | 3,841       | 2,979     | 52,677                                    | 3,187                      | 49,490 | July...     | 364                                   | 357         | -7        | 50,933                                    | 4,594                      | 46,339 |
| 1969..... | 6,717                                 | 3,661       | 3,056     | 48,291                                    | 3,846                      | 44,445 | Aug...      | 239                                   | 432         | -193      | 49,553                                    | 4,567                      | 44,986 |
| 1970..... | 4,624                                 | 2,987       | 1,637     | 47,618                                    | 3,649                      | 43,969 | Sept...     | 330                                   | 395         | -65       | 52,322                                    | 4,641                      | 47,681 |
| 1971..... | 5,145                                 | 4,751       | 774       | 56,694                                    | 3,163                      | 53,531 | Oct...      | 305                                   | 559         | -254      | 51,952                                    | 4,168                      | 47,784 |
| 1972..... | 4,892                                 | 6,563       | -1,671    | 59,831                                    | 3,035                      | 56,796 | Nov...      | 502                                   | 542         | -40       | 45,814                                    | 4,126                      | 41,688 |
|           |                                       |             |           |   |                            |        | Dec...      | 349                                   | 392         | -43       | 46,518                                    | 4,002                      | 42,516 |

<sup>1</sup> Includes contractual and regular single-purchase sales, voluntary and contractual accumulation plan sales, and reinvestment of investment income dividends; excludes reinvestment of realized capital gains dividends.  
<sup>2</sup> Market value at end of period less current liabilities.

<sup>3</sup> Cash and deposits, receivables, all U.S. Govt. securities, and other short-term debt securities, less current liabilities.

NOTE.—Investment Company Institute data based on reports of members, which comprise substantially all open-end investment companies registered with the Securities and Exchange Commission. Data reflect newly formed companies after their initial offering of securities.



**CORPORATE PROFITS, TAXES, AND DIVIDENDS**

(In billions of dollars)

| Year      | Profits before taxes | In-come taxes | Profits after taxes | Cash dividends | Undis-tributed profits | Corporate capital consumption allow-ances <sup>1</sup> | Quarter      | Profits before taxes | In-come taxes | Profits after taxes | Cash dividends | Undis-tributed profits | Corporate capital consumption allow-ances <sup>1</sup> |
|-----------|----------------------|---------------|---------------------|----------------|------------------------|--|--------------|----------------------|---------------|---------------------|----------------|------------------------|--|
|           |                      |               |                     |                |                        |  |              |                      |               |                     |                |                        |  |
| 1966..... | 84.2                 | 34.3          | 49.9                | 20.8           | 29.1                   | 39.5   | 1971—III.... | 87.0                 | 38.0          | 49.0                | 25.2           | 23.7                   | 61.0   |
| 1967..... | 79.8                 | 33.2          | 46.6                | 21.4           | 25.3                   | 43.0   | IV....       | 86.9                 | 36.4          | 50.6                | 24.9           | 25.7                   | 62.1   |
| 1968..... | 87.6                 | 39.9          | 47.8                | 23.6           | 24.2                   | 46.8   | 1972—I....   | 92.8                 | 40.6          | 52.2                | 25.7           | 26.5                   | 63.4   |
| 1969..... | 84.9                 | 40.1          | 44.8                | 24.3           | 20.5                   | 51.9   | II....       | 94.8                 | 41.4          | 53.4                | 25.9           | 27.5                   | 66.2   |
| 1970..... | 74.0                 | 34.8          | 39.3                | 24.7           | 14.6                   | 56.0   | III....      | 98.4                 | 42.9          | 55.6                | 26.2           | 29.4                   | 66.0   |
| 1971..... | 85.1                 | 37.4          | 47.6                | 25.1           | 22.5                   | 60.4   | IV....       | 106.1                | 45.9          | 60.3                | 26.4           | 33.9                   | 68.0   |
| 1972..... | 98.0                 | 42.7          | 55.4                | 26.0           | 29.3                   | 65.9   | 1973—I....   | 119.6                | 52.7          | 66.9                | 26.9           | 40.0                   | 69.3   |
|           |                      |               |                     |                |                        |  | II....       | 128.9                | 57.4          | 71.6                | 27.3           | 44.2                   | 70.5   |
|           |                      |               |                     |                |                        |  | III....      | 129.0                | 57.6          | 71.5                | 28.1           | 43.4                   | 71.7   |

<sup>1</sup> Includes depreciation, capital outlays charged to current accounts, and accidental damages.

NOTE.—Dept. of Commerce estimates. Quarterly data are at seasonally adjusted annual rates.

**CURRENT ASSETS AND LIABILITIES OF NONFINANCIAL CORPORATIONS**

(In billions of dollars)

| End of period | Net working capital | Current assets |      |                       |                             |       |             |       | Current liabilities |                          |       |                              |       |
|---------------|---------------------|----------------|------|-----------------------|-----------------------------|-------|-------------|-------|---------------------|--------------------------|-------|------------------------------|-------|
|               |                     | Total          | Cash | U.S. Govt. securities | Notes and accts. receivable |       | Inventories | Other | Total               | Notes and accts. payable |       | Accrued Federal income taxes | Other |
|               |                     |                |      |                       | U.S. Govt. <sup>1</sup>     | Other |             |       |                     | U.S. Govt. <sup>1</sup>  | Other |                              |       |
| 1968.....     | 182.3               | 426.5          | 48.2 | 11.5                  | 5.1                         | 168.8 | 166.0       | 26.9  | 244.2               | 6.4                      | 162.4 | 14.3                         | 61.0  |
| 1969.....     | 185.7               | 473.6          | 47.9 | 10.6                  | 4.8                         | 192.2 | 186.4       | 31.6  | 287.9               | 7.3                      | 196.9 | 12.6                         | 76.0  |
| 1970—IV.....  | 187.8               | 490.4          | 49.7 | 7.6                   | 4.2                         | 200.6 | 196.0       | 32.4  | 302.6               | 6.6                      | 200.5 | 11.8                         | 83.7  |
| 1971—I.....   | 192.0               | 494.1          | 48.5 | 7.8                   | 4.2                         | 201.3 | 198.5       | 33.8  | 302.1               | 6.1                      | 195.7 | 13.7                         | 86.6  |
| II.....       | 196.5               | 498.2          | 51.1 | 7.7                   | 3.9                         | 203.3 | 199.2       | 33.1  | 301.7               | 5.3                      | 195.8 | 12.4                         | 88.3  |
| III.....      | 200.9               | 507.2          | 52.4 | 7.8                   | 3.9                         | 206.5 | 201.6       | 34.9  | 306.3               | 5.0                      | 197.4 | 13.8                         | 90.1  |
| IV.....       | 204.9               | 516.7          | 55.3 | 10.4                  | 3.5                         | 207.5 | 203.1       | 36.8  | 311.8               | 4.9                      | 202.8 | 14.5                         | 89.7  |
| 1972—I.....   | 209.6               | 526.0          | 55.3 | 9.9                   | 3.4                         | 211.4 | 207.2       | 38.9  | 316.4               | 4.9                      | 202.5 | 15.7                         | 93.3  |
| II.....       | 215.2               | 534.3          | 55.7 | 8.7                   | 2.8                         | 216.3 | 210.7       | 40.1  | 319.1               | 4.9                      | 204.0 | 13.4                         | 96.8  |
| III.....      | 219.3               | 545.5          | 57.3 | 7.6                   | 2.9                         | 222.5 | 215.2       | 39.8  | 326.2               | 4.7                      | 207.6 | 15.0                         | 98.9  |
| IV.....       | 224.3               | 561.1          | 60.3 | 9.7                   | 3.4                         | 228.9 | 218.2       | 40.7  | 336.8               | 4.0                      | 216.9 | 16.7                         | 99.2  |
| 1973—I.....   | 231.4               | 577.1          | 61.0 | 10.4                  | 3.2                         | 234.0 | 225.9       | 42.5  | 345.7               | 4.1                      | 218.1 | 18.6                         | 104.9 |
| II.....       | 237.8               | 594.7          | 62.2 | 9.4                   | 2.9                         | 243.7 | 233.5       | 43.0  | 356.9               | 4.5                      | 227.6 | 16.5                         | 108.3 |
| III.....      | 241.8               | 611.4          | 62.0 | 9.2                   | 3.0                         | 252.2 | 241.5       | 43.5  | 369.6               | 4.4                      | 235.7 | 18.1                         | 111.4 |

<sup>1</sup> Receivables from, and payables to, the U.S. Govt. exclude amounts offset against each other on corporations' books.

NOTE: Based on Securities and Exchange Commission estimates.

**BUSINESS EXPENDITURES ON NEW PLANT AND EQUIPMENT**

(In billions of dollars)

| Period                  | Total  | Manufacturing |             | Mining | Transportation |      |       | Public utilities |               | Communi-cations | Other <sup>1</sup> | Total (S. A. A. R.) |
|-------------------------|--------|---------------|-------------|--------|----------------|------|-------|------------------|---------------|-----------------|--------------------|---------------------|
|                         |        | Durable       | Non-durable |        | Rail-road      | Air  | Other | Electric         | Gas and other |                 |                    |                     |
| 1969.....               | 75.56  | 15.96         | 15.72       | 1.86   | 1.86           | 2.51 | 1.68  | 8.94             | 2.67          | 8.30            | 16.05              | .....               |
| 1970.....               | 79.71  | 15.80         | 16.15       | 1.89   | 1.78           | 3.03 | 1.23  | 10.65            | 2.49          | 10.10           | 16.59              | .....               |
| 1971.....               | 81.21  | 14.15         | 15.84       | 2.16   | 1.67           | 1.88 | 1.38  | 12.86            | 2.44          | 10.77           | 18.05              | .....               |
| 1972.....               | 88.44  | 15.64         | 15.72       | 2.45   | 1.80           | 2.46 | 1.46  | 14.48            | 2.52          | 11.89           | 20.07              | .....               |
| 1973 <sup>2</sup> ..... | 100.08 | 19.39         | 18.61       | 2.76   | 1.94           | 2.41 | 1.60  | 16.25            | 2.84          | 13.03           | 21.24              | .....               |
| 1971—III....            | 20.14  | 3.40          | 3.91        | .55    | .42            | .39  | .37   | 3.35             | .71           | 2.62            | 4.42               | 80.75               |
| IV.....                 | 22.79  | 4.12          | 4.32        | .59    | .45            | .56  | .37   | 3.60             | .69           | 2.84            | 5.26               | 83.18               |
| 1972—I.....             | 19.38  | 3.29          | 3.32        | .58    | .48            | .50  | .32   | 3.19             | .44           | 2.72            | 4.55               | 86.79               |
| II.....                 | 22.01  | 3.71          | 3.92        | .61    | .48            | .73  | .39   | 3.61             | .62           | 2.95            | 4.98               | 87.12               |
| III.....                | 21.86  | 3.86          | 3.87        | .59    | .38            | .61  | .35   | 3.67             | .72           | 2.84            | 4.97               | 87.67               |
| IV.....                 | 25.20  | 4.77          | 4.61        | .63    | .47            | .63  | .40   | 4.01             | .73           | 3.39            | 5.57               | 91.94               |
| 1973—I.....             | 21.50  | 3.92          | 3.88        | .63    | .46            | .52  | .32   | 3.45             | .50           | 2.87            | 4.94               | 96.19               |
| II.....                 | 24.73  | 4.65          | 4.51        | .71    | .46            | .72  | .43   | 3.91             | .68           | 3.27            | 5.40               | 97.76               |
| III.....                | 25.04  | 4.84          | 4.78        | .69    | .48            | .57  | .44   | 4.04             | .77           | 3.19            | 5.24               | 100.90              |
| IV <sup>2</sup> .....   | 28.81  | 5.97          | 5.45        | .73    | .54            | .60  | .41   | 4.85             | .89           | 9.37            | 5.24               | 104.94              |
| 1974—12.....            | 24.19  | 4.87          | 4.56        | .70    | .54            | .51  | .38   | 4.14             | .52           | 7.98            | 5.24               | 108.16              |

<sup>1</sup> Includes trade, service, construction, finance, and insurance.

<sup>2</sup> Anticipated by business.

NOTE.—Dept. of Commerce and Securities and Exchange Commission estimates for corporate and noncorporate business; excludes agriculture, real estate operators, medical, legal, educational, and cultural service, and nonprofit organizations.

**MORTGAGE DEBT OUTSTANDING**

(In billions of dollars)

| End of period | All properties |                                     |                            |                        | Farm        |                                     |                            | Nonfarm     |                                    |                                  |               |  |                                  |               |                            |              |
|---------------|----------------|-------------------------------------|----------------------------|------------------------|-------------|-------------------------------------|----------------------------|-------------|------------------------------------|----------------------------------|---------------|--|----------------------------------|---------------|----------------------------|--------------|
|               | All holders    | Financial institutions <sup>1</sup> | Other holders <sup>2</sup> |                        | All holders | Financial institutions <sup>1</sup> | Other holders <sup>3</sup> | All holders | 1- to 4-family houses <sup>4</sup> |                                  |               | Multifamily and commercial properties <sup>5</sup> |                                  |               | Mortgage type <sup>6</sup> |              |
|               |                |                                     | U.S. agencies              | Individuals and others |             |                                     |                            |             | Total                              | Finan. institutions <sup>1</sup> | Other holders | Total  | Finan. institutions <sup>1</sup> | Other holders | FHA-VA-underwritten        | Conventional |
| 1964.....     | 300.1          | 241.0                               | 11.4                       | 47.7                   | 18.9        | 7.0                                 | 11.9                       | 281.2       | 197.6                              | 170.3                            | 27.3          | 83.6   | 63.7                             | 19.9          | 77.2                       | 204.0        |
| 1965.....     | 329.8          | 264.6                               | 12.4                       | 48.7                   | 21.2        | 7.8                                 | 13.4                       | 304.6       | 212.9                              | 184.3                            | 28.7          | 91.6   | 72.5                             | 19.1          | 81.2                       | 223.4        |
| 1966.....     | 347.4          | 280.8                               | 15.8                       | 50.9                   | 23.3        | 8.4                                 | 14.9                       | 324.1       | 223.6                              | 192.1                            | 31.5          | 100.5  | 80.2                             | 20.3          | 84.1                       | 240.0        |
| 1967.....     | 370.2          | 298.8                               | 18.4                       | 53.0                   | 25.5        | 9.1                                 | 16.3                       | 344.8       | 236.1                              | 201.8                            | 34.2          | 108.7  | 87.9                             | 20.9          | 88.2                       | 256.6        |
| 1968.....     | 397.5          | 319.9                               | 21.7                       | 55.8                   | 27.5        | 9.7                                 | 17.8                       | 370.0       | 251.2                              | 213.1                            | 38.1          | 118.7  | 97.1                             | 21.6          | 93.4                       | 276.6        |
| 1969.....     | 425.3          | 339.1                               | 26.8                       | 59.4                   | 29.5        | 9.9                                 | 19.6                       | 395.9       | 266.8                              | 223.7                            | 43.2          | 129.0  | 105.5                            | 23.5          | 100.2                      | 295.7        |
| 1970.....     | 451.7          | 355.9                               | 33.0                       | 62.8                   | 31.2        | 10.1                                | 21.1                       | 420.5       | 280.2                              | 231.3                            | 48.9          | 140.3  | 114.5                            | 25.8          | 109.2                      | 311.3        |
| 1971.....     | 499.9          | 394.4                               | 39.4                       | 66.2                   | 32.9        | 9.9                                 | 23.0                       | 467.0       | 307.8                              | 254.2                            | 53.7          | 159.2  | 130.3                            | 28.9          | 120.7                      | 346.3        |
| 1972.....     | 565.4          | 450.6                               | 45.8                       | 69.0                   | 35.4        | 10.5                                | 24.9                       | 530.0       | 346.1                              | 288.7                            | 57.4          | 183.9  | 151.3                            | 32.6          | 131.1                      | 398.9        |
| 1971—III..... | 485.6          | 383.5                               | 37.4                       | 64.6                   | 32.4        | 9.8                                 | 22.6                       | 453.2       | 299.7                              | 248.0                            | 51.7          | 153.5  | 125.8                            | 27.7          | 117.5                      | 335.7        |
| 1971—IV.....  | 499.9          | 394.4                               | 39.4                       | 66.2                   | 32.9        | 9.9                                 | 23.0                       | 467.0       | 307.8                              | 254.2                            | 53.7          | 159.2  | 130.3                            | 28.9          | 120.7                      | 346.3        |
| 1972—I.....   | 511.7          | 404.2                               | 41.2                       | 66.4                   | 33.5        | 9.9                                 | 23.6                       | 478.2       | 314.1                              | 259.6                            | 54.5          | 164.1  | 134.6                            | 29.4          | 123.7                      | 354.5        |
| 1972—II.....  | 529.1          | 418.9                               | 42.7                       | 67.5                   | 34.4        | 10.2                                | 24.2                       | 494.8       | 324.6                              | 268.8                            | 55.8          | 170.2  | 140.0                            | 30.3          | 126.6                      | 368.2        |
| 1972—III..... | 547.3          | 434.6                               | 44.3                       | 68.3                   | 35.0        | 10.3                                | 24.7                       | 512.3       | 335.8                              | 279.2                            | 56.6          | 176.5  | 145.1                            | 31.3          | 129.0                      | 383.3        |
| 1972—IV.....  | 565.4          | 450.6                               | 45.8                       | 69.0                   | 35.4        | 10.5                                | 24.9                       | 530.0       | 346.1                              | 288.7                            | 57.4          | 183.9  | 151.3                            | 32.6          | 131.1                      | 398.9        |
| 1973—I.....   | 580.1          | 463.3                               | 47.3                       | 69.5                   | 36.5        | 10.7                                | 25.8                       | 543.6       | 353.9                              | 296.3                            | 57.6          | 189.7  | 156.4                            | 33.4          | 132.5                      | 411.1        |
| 1973—II.....  | 600.4          | 480.5                               | 49.0                       | 71.0                   | 37.7        | 11.0                                | 26.7                       | 562.7       | 365.7                              | 306.9                            | 58.8          | 197.0  | 162.5                            | 34.5          | 133.6                      | 429.1        |
| 1973—III..... | 619.9          | 494.9                               | 53.0                       | 71.9                   | 38.7        | 11.4                                | 27.3                       | 581.2       | 376.6                              | 315.0                            | 61.6          | 204.5  | 168.5                            | 36.0          | .....                      | .....        |

<sup>1</sup> Commercial banks (including nondeposit trust companies but not trust depts.), mutual savings banks, life insurance companies, and savings and loan assns.

<sup>2</sup> U.S. agencies include former Federal National Mortgage Assoc. and, beginning fourth quarter 1968, new Government National Mortgage Assoc. as well as Federal Housing Admin., Veterans Admin., Public Housing Admin., Farmers Home Admin. They also include U.S. sponsored agencies—new FNMA, Federal land banks, GNMA (Pools), and the Federal Home Loan Mortgage Corp. Other U.S. agencies (amounts small or separate data not readily available) included with "individuals and others."

<sup>3</sup> Derived figures; includes debt held by Federal land banks and farm debt held by Farmers Home Admin.

<sup>4</sup> For multifamily and total residential properties, see tables below.

<sup>5</sup> Derived figures; includes small amounts of farm loans held by savings and loan assns.

<sup>6</sup> Data by type of mortgage on nonfarm 1- to 4-family properties alone are shown in table below.

NOTE.—Based on data from Federal Deposit Insurance Corp., Federal Home Loan Bank Board, Institute of Life Insurance, Depts. of Agriculture and Commerce, FNMA, FHA, PHA, VA, GNMA, FHLMC, and Comptroller of the Currency.

Figures for first three quarters of each year are F.R. estimates.

**MORTGAGE DEBT OUTSTANDING ON RESIDENTIAL PROPERTIES**

(In billions of dollars)

| End of period | All residential |                        |               | Multifamily <sup>1</sup> |                        |               |
|---------------|-----------------|------------------------|---------------|--------------------------|------------------------|---------------|
|               | Total           | Financial institutions | Other holders | Total                    | Financial institutions | Other holders |
| 1964.....     | 231.1           | 195.4                  | 35.7          | 33.6                     | 25.1                   | 8.5           |
| 1965.....     | 250.1           | 213.2                  | 36.9          | 37.2                     | 29.0                   | 8.2           |
| 1966.....     | 264.0           | 223.7                  | 40.3          | 40.3                     | 31.5                   | 8.8           |
| 1967.....     | 280.0           | 236.6                  | 43.4          | 43.9                     | 34.7                   | 9.2           |
| 1968.....     | 298.6           | 250.8                  | 47.8          | 47.3                     | 37.7                   | 9.7           |
| 1969.....     | 319.0           | 265.0                  | 54.0          | 52.2                     | 41.3                   | 10.8          |
| 1970.....     | 338.2           | 277.1                  | 61.1          | 58.0                     | 45.8                   | 12.2          |
| 1971.....     | 374.7           | 306.1                  | 68.5          | 66.8                     | 52.0                   | 14.9          |
| 1972.....     | 422.5           | 347.9                  | 74.6          | 76.4                     | 59.1                   | 17.3          |
| 1971—III..... | 364.0           | 298.4                  | 65.6          | 64.3                     | 50.4                   | 13.9          |
| 1971—IV.....  | 374.7           | 306.1                  | 68.5          | 66.8                     | 52.0                   | 14.9          |
| 1972—I.....   | 382.9           | 312.9                  | 70.0          | 68.8                     | 53.3                   | 15.4          |
| 1972—II.....  | 395.8           | 324.1                  | 71.7          | 71.3                     | 55.3                   | 16.0          |
| 1972—III..... | 409.3           | 336.1                  | 73.2          | 73.5                     | 56.9                   | 16.6          |
| 1972—IV.....  | 422.5           | 347.9                  | 74.6          | 76.4                     | 59.1                   | 17.3          |
| 1973—I.....   | 432.8           | 357.4                  | 75.5          | 79.0                     | 61.1                   | 17.9          |
| 1973—II.....  | 447.9           | 370.4                  | 77.5          | 82.2                     | 63.5                   | 18.7          |
| 1973—III..... | 461.6           | 380.0                  | 81.6          | 85.0                     | 65.0                   | 20.0          |

<sup>1</sup> Structures of five or more units.

NOTE.—Based on data from same source as for "Mortgage Debt Outstanding" table above.

**MORTGAGE DEBT OUTSTANDING ON NONFARM 1- to 4-FAMILY PROPERTIES**

(In billions of dollars)

| End of period | Total | Government-underwritten |             |                            | Conventional |
|---------------|-------|-------------------------|-------------|----------------------------|--------------|
|               |       | Total                   | FHA-insured | VA-guaranteed <sup>1</sup> |              |
| 1964.....     | 197.6 | 69.2                    | 38.3        | 30.9                       | 128.3        |
| 1965.....     | 212.9 | 73.1                    | 42.0        | 31.1                       | 139.8        |
| 1966.....     | 223.6 | 76.1                    | 44.8        | 31.3                       | 147.6        |
| 1967.....     | 236.1 | 79.9                    | 47.4        | 32.5                       | 156.1        |
| 1968.....     | 251.2 | 84.4                    | 50.6        | 33.8                       | 166.8        |
| 1969.....     | 266.8 | 90.2                    | 54.5        | 35.7                       | 176.6        |
| 1970.....     | 280.2 | 97.3                    | 59.9        | 37.3                       | 182.9        |
| 1971.....     | 307.8 | 105.2                   | 65.7        | 39.5                       | 202.6        |
| 1972.....     | 346.1 | 113.0                   | 68.2        | 44.7                       | 233.1        |
| 1971—III..... | 299.7 | 102.9                   | 64.4        | 38.5                       | 196.8        |
| 1971—IV.....  | 307.8 | 105.2                   | 65.7        | 39.5                       | 202.6        |
| 1972—I.....   | 314.1 | 107.5                   | 66.8        | 40.7                       | 206.6        |
| 1972—II.....  | 324.6 | 109.6                   | 67.6        | 42.0                       | 215.0        |
| 1972—III..... | 335.8 | 111.5                   | 68.4        | 43.1                       | 224.3        |
| 1972—IV.....  | 346.1 | 113.0                   | 68.2        | 44.7                       | 233.1        |
| 1973—I.....   | 353.9 | 113.7                   | 67.9        | 45.8                       | 204.2        |
| 1973—II.....  | 365.7 | 114.7                   | 67.5        | 47.2                       | 251.0        |
| 1973—III..... | 376.6 | .....                   | .....       | .....                      | .....        |

<sup>1</sup> Includes outstanding amount of VA vendee accounts held by private investors under repurchase agreement.

NOTE.—For total debt outstanding, figures are FHLBB and F.R. estimates. For conventional, figures are derived.

Based on data from FHLBB, Federal Housing Admin., and Veterans Admin.

**MORTGAGE LOANS HELD BY BANKS**

(In millions of dollars)

| End of period | Commercial bank holdings <sup>1</sup> |             |             |               |              |                |       | Mutual savings bank holdings |             |             |               |              |                |      |
|---------------|---------------------------------------|-------------|-------------|---------------|--------------|----------------|-------|------------------------------|-------------|-------------|---------------|--------------|----------------|------|
|               | Total                                 | Residential |             |               |              | Other non-farm | Farm  | Total                        | Residential |             |               |              | Other non-farm | Farm |
|               |                                       | Total       | FHA-insured | VA-guaranteed | Conventional |                |       |                              | Total       | FHA-insured | VA-guaranteed | Conventional |                |      |
| 1965.....     | 49,675                                | 32,387      | 7,702       | 2,688         | 21,997       | 14,377         | 2,911 | 44,617                       | 40,096      | 13,791      | 11,408        | 14,897       | 4,469          | 52   |
| 1966.....     | 54,380                                | 34,876      | 7,544       | 2,599         | 24,733       | 16,366         | 3,138 | 47,337                       | 42,242      | 14,500      | 11,471        | 16,272       | 5,041          | 53   |
| 1967.....     | 59,019                                | 37,642      | 7,709       | 2,696         | 27,237       | 17,931         | 3,446 | 50,490                       | 44,641      | 15,074      | 11,795        | 17,772       | 5,732          | 117  |
| 1968.....     | 65,696                                | 41,433      | 7,926       | 2,708         | 30,800       | 20,505         | 3,758 | 53,456                       | 46,748      | 15,569      | 12,033        | 19,146       | 6,592          | 117  |
| 1969.....     | 70,705                                | 44,573      | 7,960       | 2,663         | 33,950       | 22,113         | 4,019 | 56,138                       | 48,682      | 15,862      | 12,166        | 20,654       | 7,342          | 114  |
| 1970.....     | 73,275                                | 45,640      | 7,919       | 2,589         | 35,131       | 23,284         | 4,351 | 57,948                       | 49,937      | 16,087      | 12,008        | 21,842       | 7,893          | 119  |
| 1971.....     | 82,515                                | 52,004      | 8,310       | 3,980         | 40,714       | 26,306         | 4,205 | 61,978                       | 53,027      | 16,141      | 12,074        | 24,812       | 8,901          | 50   |
| 1972.....     | 99,314                                | 62,782      | 8,495       | 3,203         | 51,084       | 31,751         | 4,781 | 67,556                       | 57,140      | 16,013      | 12,622        | 28,505       | 10,354         | 62   |
| 1972—I.....   | 85,614                                | 53,937      | 8,360       | 2,999         | 42,578       | 27,353         | 4,324 | 62,978                       | 53,733      | 16,184      | 12,144        | 25,405       | 9,195          | 50   |
| 1972—II.....  | 90,114                                | 56,782      | 8,477       | 3,141         | 45,163       | 28,785         | 4,547 | 64,404                       | 54,758      | 16,256      | 12,325        | 26,178       | 9,586          | 60   |
| 1972—III..... | 95,048                                | 59,976      | 8,515       | 3,118         | 48,343       | 30,415         | 4,657 | 65,901                       | 55,889      | 16,130      | 12,463        | 27,296       | 9,951          | 61   |
| 1972—IV.....  | 99,314                                | 62,782      | 8,495       | 3,203         | 51,084       | 31,751         | 4,781 | 67,556                       | 57,140      | 16,013      | 12,622        | 28,505       | 10,354         | 62   |
| 1973—I.....   | 103,548                               | 65,236      | 8,482       | 3,211         | 56,957       | 33,342         | 4,970 | 68,920                       | 58,169      | 16,013      | 12,622        | 28,505       | 10,683         | 68   |
| 1973—II.....  | 109,114                               | 68,650      | 8,482       | 3,211         | 56,957       | 35,224         | 5,240 | 70,634                       | 59,397      | 16,013      | 12,622        | 28,505       | 11,178         | 59   |
| 1973—III..... | 114,414                               | 71,852      | 8,482       | 3,211         | 56,957       | 37,070         | 5,492 | 72,034                       | 60,305      | 16,013      | 12,622        | 28,505       | 11,670         | 59   |

<sup>1</sup> Includes loans held by nondeposit trust companies but not bank trust depts.

NOTE.—Second and fourth quarters, FDIC series for all commercial and mutual savings banks in the United States and possessions. First and third quarters, estimates based on special F.R. interpolations.

**MORTGAGE ACTIVITY OF LIFE INSURANCE COMPANIES**

(In millions of dollars)

| Period         | Loans acquired |         |             |               |                    |       | Loans outstanding (end of period) |         |             |               |        |       |
|----------------|----------------|---------|-------------|---------------|--------------------|-------|-----------------------------------|---------|-------------|---------------|--------|-------|
|                | Total          | Nonfarm |             |               |                    | Farm  | Total                             | Nonfarm |             |               |        | Farm  |
|                |                | Total   | FHA-insured | VA-guaranteed | Other <sup>1</sup> |       |                                   | Total   | FHA-insured | VA-guaranteed | Other  |       |
| 1945.....      | 976            |         |             |               |                    |       | 6,637                             | 5,860   | 1,394       |               | 4,466  | 766   |
| 1964.....      | 10,433         | 9,386   | 1,812       | 674           | 6,900              | 1,047 | 55,152                            | 50,848  | 11,484      | 6,403         | 32,961 | 4,304 |
| 1965.....      | 11,137         | 9,988   | 1,738       | 553           | 7,697              | 1,149 | 60,013                            | 55,190  | 12,068      | 6,286         | 36,836 | 4,823 |
| 1966.....      | 10,217         | 9,223   | 1,300       | 467           | 7,456              | 994   | 64,609                            | 59,369  | 12,351      | 6,201         | 40,817 | 5,240 |
| 1967.....      | 8,470          | 7,633   | 757         | 444           | 6,432              | 837   | 67,516                            | 61,947  | 12,161      | 6,122         | 43,664 | 5,569 |
| 1968.....      | 7,925          | 7,153   | 733         | 346           | 6,074              | 772   | 69,973                            | 64,172  | 11,961      | 5,954         | 46,257 | 5,801 |
| 1969.....      | 7,531          | 6,991   | 594         | 220           | 6,177              | 540   | 72,027                            | 66,254  | 11,715      | 5,701         | 48,838 | 5,773 |
| 1970.....      | 7,181          | 6,867   | 386         | 88            | 6,393              | 314   | 74,375                            | 68,726  | 11,419      | 5,394         | 51,913 | 5,649 |
| 1971.....      | 7,573          | 7,070   | 322         | 101           | 6,647              | 503   | 75,496                            | 69,895  | 10,767      | 5,004         | 54,124 | 5,601 |
| 1972.....      | 8,696          | 7,996   | 331         | 182           | 7,483              | 700   | 76,948                            | 71,270  | 9,962       | 4,660         | 56,648 | 5,678 |
| 1972—Nov.....  | 786            | 730     | 25          | 10            | 695                | 56    | 75,904                            | 70,266  | 10,017      | 4,681         | 55,568 | 5,638 |
| 1972—Dec.....  | 1,890          | 1,784   | 23          | 17            | 1,744              | 106   | 76,948                            | 71,270  | 9,962       | 4,660         | 56,648 | 5,678 |
| 1973—Jan.....  | 711            | 649     | 16          | 20            | 613                | 62    | 77,481                            | 71,856  | 9,901       | 4,630         | 57,325 | 5,625 |
| 1973—Feb.....  | 603            | 542     | 27          | 24            | 491                | 61    | 77,510                            | 71,892  | 9,806       | 4,613         | 57,473 | 5,618 |
| 1973—Mar.....  | 670            | 573     | 37          | 24            | 512                | 97    | 77,587                            | 71,953  | 9,735       | 4,594         | 57,624 | 5,634 |
| 1973—Apr.....  | 702            | 624     | 20          | 22            | 582                | 78    | 77,258                            | 71,611  | 9,708       | 4,572         | 57,331 | 5,647 |
| 1973—May.....  | 774            | 694     | 22          | 21            | 651                | 80    | 77,400                            | 71,721  | 9,627       | 4,549         | 57,545 | 5,679 |
| 1973—June..... | 1,101          | 1,009   | 24          | 27            | 958                | 92    | 77,914                            | 72,187  | 9,544       | 4,524         | 58,119 | 5,727 |
| 1973—July..... | 933            | 849     | 26          | 19            | 804                | 84    | 78,243                            | 72,474  | 9,464       | 4,496         | 58,514 | 5,769 |
| 1973—Aug.....  | 1,034          | 947     | 11          | 20            | 916                | 87    | 78,657                            | 72,839  | 9,388       | 4,471         | 58,980 | 5,818 |
| 1973—Sept..... | 944            | 862     | 23          | 17            | 822                | 82    | 79,040                            | 73,182  | 9,330       | 4,447         | 59,405 | 5,858 |
| 1973—Oct.....  | 972            | 899     | 13          | 18            | 868                | 73    | 79,516                            | 73,619  | 9,270       | 4,428         | 59,921 | 5,897 |
| 1973—Nov.....  | 1,146          | 1,051   | 25          | 15            | 1,011              | 95    | 79,549                            | 73,619  | 9,233       | 4,428         | 60,614 | 5,930 |

<sup>1</sup> Includes mortgage loans secured by land on which oil drilling or extracting operations are in process.

COMMITMENTS OF LIFE INSURANCE COMPANIES FOR INCOME PROPERTY MORTGAGES

| Period        | Number of loans | Total amount committed (millions of dollars) | Averages                           |                                   |                      |                                |                                |                     |                   |
|---------------|-----------------|--|------------------------------------|-----------------------------------|----------------------|--------------------------------|--------------------------------|---------------------|-------------------|
|               |                 |  | Loan amount (thousands of dollars) | Contract interest rate (per cent) | Maturity (yrs./mos.) | Loan-to-value ratio (per cent) | Capitalization rate (per cent) | Debt coverage ratio | Per cent constant |
| 1968.....     | 2,569           | 3,244.3                                      | 1,263                              | 7.66                              | 22/11                | 73.6                           | 9.0                            | 1.30                | 9.5               |
| 1969.....     | 1,788           | 2,920.7                                      | 1,633                              | 8.69                              | 21/8                 | 73.3                           | 9.6                            | 1.29                | 10.2              |
| 1970.....     | 912             | 2,341.1                                      | 2,567                              | 9.93                              | 22/8                 | 74.7                           | 10.8                           | 1.32                | 11.1              |
| 1971.....     | 1,664           | 3,982.5                                      | 2,393                              | 9.07                              | 22/10                | 74.9                           | 10.0                           | 1.29                | 10.4              |
| 1972.....     | 2,132           | 4,986.5                                      | 2,339                              | 8.57                              | 23/3                 | 75.2                           | 9.6                            | 1.29                | 9.8               |
| 1971—Nov..... | 136             | 288.2  | 2,119                              | 9.01                              | 23/5                 | 75.6                           | 9.9                            | 1.27                | 10.2              |
| Dec.....      | 133             | 290.0  | 2,181                              | 8.96                              | 23                   | 74.4                           | 9.9                            | 1.30                | 10.2              |
| 1972—Jan..... | 107             | 198.6  | 1,856                              | 8.78                              | 22/1                 | 73.3                           | 10.0                           | 1.31                | 10.2              |
| Feb.....      | 122             | 423.5  | 3,471                              | 8.62                              | 22/6                 | 73.3                           | 9.7                            | 1.31                | 10.0              |
| Mar.....      | 220             | 530.4  | 2,411                              | 8.50                              | 24/2                 | 76.3                           | 9.5                            | 1.29                | 9.7               |
| Apr.....      | 200             | 381.1  | 1,906                              | 8.44                              | 24/6                 | 76.3                           | 9.5                            | 1.29                | 9.6               |
| May.....      | 246             | 399.6  | 1,624                              | 8.48                              | 23/4                 | 76.0                           | 9.5                            | 1.26                | 9.8               |
| June.....     | 268             | 683.2  | 2,549                              | 8.55                              | 23/0                 | 75.4                           | 9.5                            | 1.29                | 9.8               |
| July.....     | 170             | 421.2  | 2,478                              | 8.56                              | 23/0                 | 74.5                           | 9.5                            | 1.31                | 9.8               |
| Aug.....      | 178             | 515.7  | 2,897                              | 8.54                              | 23/0                 | 74.9                           | 9.5                            | 1.27                | 9.9               |
| Sept.....     | 152             | 354.1  | 2,329                              | 8.58                              | 23/4                 | 75.7                           | 9.5                            | 1.28                | 9.8               |
| Oct.....      | 159             | 343.5  | 2,161                              | 8.65                              | 23/0                 | 75.8                           | 9.6                            | 1.29                | 9.9               |
| Nov.....      | 180             | 371.7  | 2,065                              | 8.63                              | 23/2                 | 74.7                           | 9.6                            | 1.28                | 9.9               |
| Dec.....      | 130             | 363.9  | 2,799                              | 8.64                              | 22/8                 | 74.4                           | 9.8                            | 1.37                | 9.9               |

NOTE.—American Life Insurance Association data for new commitments of \$100,000 and over each on mortgages for multifamily and non-residential nonfarm properties located largely in the United States. The 15 companies account for a little more than one-half of both the total assets and the nonfarm mortgages held by all U.S. life insurance companies. Averages, which are based on number of loans, vary in part with loan composition by type and location of property, type and purpose of loan, and loan amortization and prepayment terms. Data for the following are

limited to cases where information was available or estimates could be made: capitalization rate (net stabilized property earnings divided by property value); debt coverage ratio (net stabilized earnings divided by debt service); and per cent constant (annual level payment, including principal and interest, per \$100 of debt). All statistics exclude construction loans, increases in existing loans in a company's portfolio, reapprovals, and loans secured by land only.

MORTGAGE ACTIVITY OF SAVINGS AND LOAN ASSOCIATIONS

(In millions of dollars)

| Period       | Loans made         |                       |               | Loans outstanding (end of period) |                          |                            |              |
|--------------|--------------------|-----------------------|---------------|-----------------------------------|--------------------------|----------------------------|--------------|
|              | Total <sup>1</sup> | New home construction | Home purchase | Total <sup>2</sup>                | FHA-insured <sup>3</sup> | VA-guaranteed <sup>3</sup> | Conventional |
| 1965.....    | 24,192             | 6,013                 | 10,830        | 110,306                           | 5,145                    | 6,398                      | 98,763       |
| 1966.....    | 16,924             | 3,633                 | 7,828         | 114,427                           | 5,269                    | 6,157                      | 103,001      |
| 1967.....    | 20,122             | 4,243                 | 9,604         | 121,805                           | 5,791                    | 6,351                      | 109,663      |
| 1968.....    | 21,983             | 4,916                 | 11,215        | 130,802                           | 6,658                    | 7,012                      | 117,132      |
| 1969.....    | 21,847             | 4,757                 | 11,254        | 140,347                           | 7,917                    | 7,658                      | 124,772      |
| 1970.....    | 21,383             | 4,150                 | 10,237        | 150,331                           | 10,178                   | 8,494                      | 131,659      |
| 1971.....    | 39,472             | 6,835                 | 18,811        | 174,385                           | 13,798                   | 10,848                     | 149,739      |
| 1972.....    | 51,408             | 8,553                 | 26,615        | 206,387                           | 29,391                   | .....                      | 176,996      |
| 1972—Dec..   | 4,591              | 667                   | 2,167         | 206,387                           | 15,639                   | 13,764                     | 176,964      |
| 1973—Jan.... | 3,702              | 590                   | 1,970         | 208,132                           | 29,581                   | .....                      | 178,551      |
| Feb.....     | 3,710              | 614                   | 2,019         | 210,260                           | 29,751                   | .....                      | 180,509      |
| Mar.....     | 4,990              | 887                   | 2,685         | 213,259                           | 30,045                   | .....                      | 183,214      |
| Apr.....     | 4,989              | 886                   | 2,762         | 216,250                           | 30,182                   | .....                      | 186,068      |
| May.....     | 5,477              | 931                   | 3,141         | 219,500                           | 30,296                   | .....                      | 189,204      |
| June.....    | 5,738              | 903                   | 3,469         | 222,801                           | 30,381                   | .....                      | 192,420      |
| July.....    | 5,059              | 851                   | 3,079         | 225,490                           | 30,270                   | .....                      | 195,220      |
| Aug.....     | 4,971              | 801                   | 3,059         | 228,006                           | 30,268                   | .....                      | 197,738      |
| Sept....     | 3,177              | 572                   | 1,838         | 229,413                           | 30,632                   | .....                      | 198,781      |
| Oct.....     | 2,788              | 532                   | 1,548         | 230,425                           | 30,328                   | .....                      | 200,097      |
| Nov.....     | 2,311              | 449                   | 1,366         | 231,319                           | 30,295                   | .....                      | 201,024      |
| Dec.....     | 2,505              | 417                   | 1,336         | 232,322                           | 30,274                   | .....                      | 202,048      |

<sup>1</sup> Includes loans for repairs, additions and alterations, refinancing, etc., not shown separately.

<sup>2</sup> Includes shares pledged against mortgage loans; beginning 1966, also includes junior liens and real estate sold on contract; beginning 1967, also includes downward structural adjustment for change in universe; and beginning 1973, excludes participation certificates guaranteed by the FHLMC and certain other related items.

<sup>3</sup> Beginning 1973, data for these groups available only on a combined basis.

FEDERAL HOME LOAN BANKS

(In millions of dollars)

| Period        | Advances | Repayments | Advances outstanding (end of period) |                         |                        | Members' deposits (end of period) |
|---------------|----------|------------|--------------------------------------|-------------------------|------------------------|-----------------------------------|
|               |          |            | Total                                | Short-term <sup>1</sup> | Long-term <sup>2</sup> |                                   |
| 1965.....     | 5,007    | 4,335      | 5,997                                | 3,074                   | 2,923                  | 1,043                             |
| 1966.....     | 3,804    | 2,866      | 6,935                                | 5,006                   | 1,929                  | 1,036                             |
| 1967.....     | 1,527    | 4,076      | 4,386                                | 3,985                   | 401                    | 1,432                             |
| 1968.....     | 2,734    | 1,861      | 5,259                                | 4,867                   | 392                    | 1,382                             |
| 1969.....     | 5,531    | 1,500      | 9,289                                | 8,434                   | 855                    | 1,041                             |
| 1970.....     | 3,256    | 1,929      | 10,615                               | 3,081                   | 7,534                  | 2,331                             |
| 1971.....     | 2,714    | 5,392      | 7,936                                | 3,002                   | 4,934                  | 1,789                             |
| 1972.....     | 4,790    | 4,749      | 7,979                                | 2,961                   | 5,018                  | 2,104                             |
| 1972—Dec..... | 984      | 251        | 7,979                                | 2,961                   | 5,018                  | 2,104                             |
| 1973—Jan..... | 332      | 480        | 7,830                                | 2,805                   | 5,025                  | 1,306                             |
| Feb.....      | 415      | 302        | 7,944                                | 2,774                   | 5,170                  | 1,321                             |
| Mar.....      | 764      | 288        | 8,421                                | 2,975                   | 5,446                  | 1,290                             |
| Apr.....      | 1,187    | 178        | 9,429                                | 3,450                   | 5,979                  | 1,142                             |
| May.....      | 916      | 189        | 10,156                               | 3,428                   | 6,728                  | 1,261                             |
| June.....     | 1,093    | 104        | 11,145                               | 4,016                   | 7,129                  | 1,453                             |
| July.....     | 1,373    | 153        | 12,365                               | 4,583                   | 7,782                  | 1,183                             |
| Aug.....      | 1,380    | 235        | 13,510                               | 4,737                   | 8,773                  | 1,091                             |
| Sept....      | 999      | 212        | 14,298                               | 4,834                   | 9,464                  | 1,178                             |
| Oct.....      | 728      | 226        | 14,799                               | 4,805                   | 9,994                  | 1,264                             |
| Nov.....      | 295      | 228        | 14,866                               | 4,669                   | 10,197                 | 1,538                             |
| Dec.....      | 529      | 248        | 15,147                               | 4,583                   | 10,564                 | 1,744                             |

<sup>1</sup> Secured or unsecured loans maturing in 1 year or less.  
<sup>2</sup> Secured loans, amortized quarterly, having maturities of more than 1 year but not more than 10 years.

NOTE.—FHLBB data.

**FEDERAL NATIONAL MORTGAGE ASSOCIATION ACTIVITY**

(In millions of dollars)

| End of period | Mortgage holdings |             |               | Mortgage transactions (during period) |       | Mortgage commitments |              |
|---------------|-------------------|-------------|---------------|---------------------------------------|-------|----------------------|--------------|
|               | Total             | FHA-insured | VA-guaranteed | Purchases                             | Sales | Made during period   | Out standing |
|               |                   |             |               |                                       |       |                      |              |
| 1968.....     | 7,167             | 5,122       | 2,046         | 1,944                                 | ..... | 2,696                | 1,287        |
| 1969.....     | 10,945            | 7,676       | 3,269         | 4,120                                 | ..... | 6,630                | 3,539        |
| 1970.....     | 15,492            | 11,063      | 4,429         | 5,079                                 | 20    | 8,047                | 5,203        |
| 1971.....     | 17,791            | 12,681      | 5,110         | 3,574                                 | 336   | 9,828                | 6,497        |
| 1972.....     | 19,791            | 14,624      | 5,112         | 3,699                                 | 211   | 8,797                | 8,124        |
| 1972-Dec...   | 19,791            | 14,624      | 5,112         | 306                                   | 12    | 1,237                | 8,124        |
| 1973-Jan....  | 19,982            | 14,746      | 5,170         | 348                                   | 29    | 458                  | 8,034        |
| Feb....       | 20,181            | 14,872      | 5,222         | 334                                   | ..... | 478                  | 7,972        |
| Mar....       | 20,571            | 15,201      | 5,259         | 522                                   | ..... | 933                  | 8,139        |
| Apr....       | 20,791            | 15,390      | 5,269         | 355                                   | ..... | 1,211                | 8,742        |
| May....       | 21,087            | 15,581      | 5,335         | 472                                   | ..... | 1,180                | 9,312        |
| June....      | 21,413            | 15,768      | 5,411         | 516                                   | 1     | 1,191                | 9,778        |
| July....      | 21,772            | 15,877      | 5,574         | 516                                   | ..... | 1,102                | 9,859        |
| Aug....       | 22,319            | 16,085      | 5,761         | 699                                   | ..... | 1,019                | 9,809        |
| Sept....      | 22,831            | 16,293      | 5,937         | 633                                   | ..... | 724                  | 9,602        |
| Oct....       | 23,348            | 16,510      | 6,101         | 659                                   | ..... | 264                  | 8,918        |
| Nov....       | 23,912            | 16,734      | 6,294         | 656                                   | ..... | 200                  | 8,690        |
| Dec....       | 24,175            | 16,852      | 6,352         | .....                                 | 40    | 158                  | 7,889        |

NOTE.—FNMA data. Total holdings include conventional loans. Data prior to Sept. 1968 relate to secondary market portfolio of former FNMA. Mortgage holdings include loans used to back bond issues guaranteed by GNMA. Mortgage commitments made during the period include some multifamily and nonprofit hospital loan commitments in addition to 1- to 4-family loan commitments accepted in FNMA's free market auction system, and through the FNMA-GNMA Tandem Plan (Program 18).

**FEDERAL NATIONAL MORTGAGE ASSOCIATION AUCTIONS**

| Date of auction  | Government-underwritten home loans |          |  | Conventional home loans |          |  |
|------------------|------------------------------------|----------|--|-------------------------|----------|--|
|                  | Mortgage amounts                   |          | Average yield (short-term commitments) | Mortgage amounts        |          | Average yield (short-term commitments) |
|                  | Offered                            | Accepted |  | Offered                 | Accepted |  |
|                  | In millions of dollars             |          | In per cent                            | In millions of dollars  |          | In per cent                            |
| 1973—Apr. 30.... | 261.2                              | 185.9    | 7.92                                   | 128.9                   | 88.2     | 8.23                                   |
| May 14....       | 258.3                              | 187.7    | 7.96                                   | 117.6                   | 84.4     | 8.31                                   |
| 28....           | 212.4                              | 140.0    | 8.00                                   | 113.3                   | 73.9     | 8.39                                   |
| June 11....      | 184.5                              | 142.2    | 8.04                                   | 110.1                   | 74.1     | 8.44                                   |
| 25....           | 199.3                              | 118.7    | 8.09                                   | 95.0                    | 69.4     | 8.51                                   |
| July 9....       | 539.3                              | 244.8    | 8.38                                   | 108.4                   | 72.5     | 8.67                                   |
| 23....           | 351.4                              | 181.4    | 8.54                                   | 119.0                   | 61.7     | 8.79                                   |
| Aug. 6....       | 458.5                              | 201.9    | 8.71                                   | 154.3                   | 77.4     | 8.98                                   |
| 20....           | 525.0                              | 223.8    | 8.95                                   | 171.3                   | 77.2     | 9.27                                   |
| Sept. 4....      | 551.0                              | 288.9    | 9.27                                   | 118.6                   | 61.5     | 9.53                                   |
| 17....           | 138.1                              | 107.9    | 9.37                                   | 48.6                    | 46.8     | 9.68                                   |
| Oct. 1....       | 32.5                               | 24.1     | 9.11                                   | 9.1                     | 7.1      | 9.43                                   |
| 15....           | 24.8                               | 16.6     | 8.97                                   | 18.6                    | 16.2     | 9.10                                   |
| 29....           | 28.2                               | 21.6     | 8.94                                   | 17.4                    | 9.4      | 9.01                                   |
| Nov. 12....      | 29.3                               | 23.1     | 8.87                                   | 24.1                    | 16.7     | 8.94                                   |
| 26....           | 24.9                               | 20.9     | 8.81                                   | 31.0                    | 22.1     | 8.90                                   |
| Dec. 17....      | 38.6                               | 36.2     | 8.78                                   | 51.4                    | 32.2     | 8.82                                   |
| 1974—Jan. 14.... | 40.2                               | 35.6     | 8.71                                   | 48.9                    | 34.5     | 8.77                                   |

NOTE.—Average secondary market yields are gross—before deduction of 38 basis-point fee paid for mortgage servicing. They reflect the average accepted bid yield for home mortgages assuming a prepayment period of 12 years for 30-year loans, without special adjustment for FNMA commitment fees and FNMA stock purchase and holding requirements. Since Oct. 18, 1971, the maturity on new short-term commitments has been 4 months. Mortgage amounts offered by bidders are total bids received.

**GOVERNMENT NATIONAL MORTGAGE ASSOCIATION ACTIVITY**

(In millions of dollars)

| End of period | Mortgage holdings |             |               | Mortgage transactions (during period) |       | Mortgage commitments |              |
|---------------|-------------------|-------------|---------------|---------------------------------------|-------|----------------------|--------------|
|               | Total             | FHA-insured | VA-guaranteed | Purchases                             | Sales | Made during period   | Out standing |
|               |                   |             |               |                                       |       |                      |              |
| 1967.....     | 3,348             | 2,756       | 592           | 860                                   | ..... | 1,045                | 1,171        |
| 1968.....     | 4,220             | 3,569       | 651           | 1,089                                 | 1     | 867                  | 1,266        |
| 1969.....     | 4,820             | 4,220       | 600           | 827                                   | ..... | 615                  | 1,131        |
| 1970.....     | 5,184             | 4,634       | 550           | 621                                   | ..... | 897                  | 738          |
| 1971.....     | 5,294             | 4,777       | 517           | 393                                   | ..... | .....                | 1,494        |
| 1972.....     | 5,113             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| 1972-Dec...   | 5,113             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| 1973-Jan....  | 5,117             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| Feb....       | 4,984             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| Mar....       | 4,663             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| Apr....       | 4,439             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| May....       | 3,980             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| June....      | 3,908             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| July....      | 4,156             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| Aug....       | 4,455             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| Sept....      | 4,429             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| Oct....       | 4,338             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| Nov....       | 4,172             | .....       | .....         | .....                                 | ..... | .....                | .....        |
| Dec....       | 4,029             | .....       | .....         | .....                                 | ..... | .....                | .....        |

NOTE.—GNMA data. Total holdings include a small amount of conventional loans. Data prior to Sept. 1968 relate to Special Assistance and Management and Liquidating portfolios of former FNMA and include mortgages subject to participation pool of Government Mortgage Liquidation Trust, but exclude conventional mortgage loans acquired by former FNMA.

**GNMA MORTGAGE-BACKED SECURITY PROGRAM**

(In millions of dollars)

| Period        | Pass-through securities |                   | Bonds sold |
|---------------|-------------------------|-------------------|------------|
|               | Applications received   | Securities issued |            |
| 1970.....     | 1,126.2                 | 452.4             | 1,315.0    |
| 1971.....     | 4,373.6                 | 2,701.9           | 300.0      |
| 1972.....     | 3,854.5                 | 2,661.7           | .....      |
| 1972—Nov..... | 226.4                   | 138.2             | .....      |
| Dec.....      | 440.9                   | 299.8             | .....      |
| 1973—Jan....  | 515.7                   | 323.3             | .....      |
| Feb....       | 167.2                   | 216.8             | .....      |
| Mar....       | 339.4                   | 139.9             | .....      |
| Apr....       | 467.8                   | 182.1             | .....      |
| May....       | 563.3                   | 338.8             | .....      |
| June....      | 243.1                   | 315.3             | .....      |
| July....      | 215.7                   | 384.7             | .....      |
| Aug....       | 174.0                   | 191.3             | .....      |
| Sept....      | 533.8                   | 380.0             | .....      |
| Oct....       | 825.7                   | 240.8             | .....      |
| Nov....       | 923.3                   | 210.4             | .....      |

NOTE.—GNMA data. Under the Mortgage-Backed Security Program, GNMA guarantees the timely payment of principal and interest on both pass-through and bond-type securities, which are backed by a pool of mortgages insured by FHA or Farmers Home Admin. or guaranteed by VA and issued by an approved mortgagee. To date, bond-type securities have been issued only by FNMA and FHLMC.

**HOME-MORTGAGE YIELDS**

(In per cent)

| Period        | Primary market<br>(conventional loans) |                |            | Secondary market<br><br>Yield on FHA-insured new-home loans |
|---------------|--|----------------|------------|---|
|               | FHLBB series<br>(effective rate)       |                | HUD series |   |
|               | New homes                              | Existing homes | New homes  |   |
| 1968.....     | 6.97                                   | 7.03           | 7.12       | 7.21  |
| 1969.....     | 7.81                                   | 7.82           | 7.99       | 8.29  |
| 1970.....     | 8.44                                   | 8.35           | 8.52       | 9.03  |
| 1971.....     | 7.74                                   | 7.67           | 7.75       | 7.70  |
| 1972.....     | 7.60                                   | 7.52           | 7.64       | 7.52  |
| 1973-Jan..... | 6.68                                   | 6.68           | 7.70       | 7.55  |
| Feb.....      | 7.70                                   | 7.72           | 7.75       | 7.56  |
| Mar.....      | 7.71                                   | 7.69           | 7.80       | 7.63  |
| Apr.....      | 7.71                                   | 7.70           | 7.90       | 7.73  |
| May.....      | 7.71                                   | 7.77           | 7.95       | 7.79  |
| June.....     | 7.79                                   | 7.79           | 8.05       | 7.89  |
| July.....     | 7.87                                   | 7.84           | 8.40       | 8.19  |
| Aug.....      | 7.94                                   | 8.01           | 8.85       | .....   |
| Sept.....     | 8.17                                   | 8.26           | 8.95       | .....   |
| Oct.....      | 8.31                                   | 8.50           | 8.80       | 8.97  |
| Nov.....      | 8.39                                   | 8.58           | 8.75       | 8.86  |
| Dec.....      | 8.46                                   | 8.60           | .....      | .....   |
| 1974-Jan..... | .....                                  | .....          | .....      | 8.78  |

NOTE.—Annual data are averages of monthly figures. The Housing and Urban Development (FHA) data are based on opinion reports submitted by field offices on prevailing local conditions as of the first of the succeeding month. Yields on FHA-insured mortgages are derived from weighted averages of private secondary market prices for Sec. 203, 30-year mortgages with minimum downpayment and an assumed prepayment at the end of 15 years. Any gaps in data are due to periods of adjustment to changes in maximum permissible contract interest rates. The HUD (FHA) interest rates on conventional first mortgages in primary markets are unweighted and are rounded to the nearest 5 basis points. The FHLBB effective rate series reflects fees and charges as well as contract rates (as shown in the table on conventional first-mortgage terms, p. A-35) and an assumed prepayment at end of 10 years.

**GOVERNMENT-UNDERWRITTEN RESIDENTIAL LOANS MADE**

(In millions of dollars)

| Period            | FHA-insured |           |                 |                        |                                      | VA-guaranteed      |           |                 |
|-------------------|-------------|-----------|-----------------|------------------------|--------------------------------------|--------------------|-----------|-----------------|
|                   | Total       | Mortgages |                 | Pro-jects <sup>1</sup> | Prop-erty im-provements <sup>2</sup> | Total <sup>3</sup> | Mortgages |                 |
|                   |             | New homes | Ex-isting homes |                        |                                      |                    | New homes | Ex-isting homes |
| 1965.....         | 8,689       | 1,705     | 5,760           | 591                    | 634                                  | 2,652              | 876       | 1,776           |
| 1966.....         | 7,320       | 1,729     | 4,366           | 583                    | 641                                  | 2,600              | 980       | 1,618           |
| 1967.....         | 7,150       | 1,369     | 4,516           | 642                    | 623                                  | 3,405              | 1,143     | 2,259           |
| 1968.....         | 8,275       | 1,572     | 4,924           | 1,123                  | 656                                  | 3,774              | 1,430     | 2,343           |
| 1969.....         | 9,129       | 1,551     | 5,570           | 1,316                  | 693                                  | 4,072              | 1,493     | 2,579           |
| 1970.....         | 11,982      | 2,667     | 5,447           | 3,251                  | 617                                  | 3,440              | 1,311     | 2,129           |
| 1971.....         | 14,689      | 3,900     | 6,475           | 3,641                  | 674                                  | 5,961              | 1,694     | 4,267           |
| 1972.....         | 12,320      | 3,459     | 4,608           | 3,448                  | 805                                  | 8,293              | 2,539     | 5,754           |
| 1972—Dec..        | 964         | 190       | 245             | 444                    | 85                                   | 715                | 220       | 495             |
| 1973-Jan....      | 834         | 254       | 324             | 197                    | 59                                   | 681                | 218       | 463             |
| Feb....           | 710         | 162       | 235             | 262                    | 52                                   | 592                | 187       | 405             |
| Mar....           | 969         | 195       | 268             | 440                    | 65                                   | 596                | 185       | 411             |
| Apr....           | 620         | 151       | 223             | 172                    | 74                                   | 621                | 187       | 434             |
| May....           | 589         | 158       | 228             | 122                    | 81                                   | 634                | 198       | 436             |
| June....          | 650         | 153       | 229             | 207                    | 61                                   | 646                | 182       | 464             |
| July....          | 559         | 143       | 250             | 100                    | 66                                   | 666                | 204       | 462             |
| Aug....           | 537         | 100       | 195             | 167                    | 75                                   | 569                | 193       | 376             |
| Sept....          | 485         | 90        | 177             | 134                    | 84                                   | 565                | 184       | 381             |
| Oct....           | 549         | 113       | 246             | 119                    | 72                                   | 652                | 121       | 431             |
| Nov....           | 602         | 100       | 257             | 169                    | 76                                   | 725                | 216       | 509             |
| Dec. <sup>4</sup> | 407         | 56        | 168             | 116                    | 66                                   | 473                | 138       | 335             |

<sup>1</sup> Monthly figures do not reflect mortgage amendments included in annual totals.

<sup>2</sup> Not ordinarily secured by mortgages.

<sup>3</sup> Includes refinancing loans, mobile home loans and also a small amount of alteration and repair loans, not shown separately; only such loans in amounts of more than \$1,000 need be secured.

NOTE.—FHA and VA data. FHA-insured loans represent gross amount of insurance written; VA-guaranteed loans, gross amounts of loans closed. Figures do not take into account principal repayments on previously insured or guaranteed loans. For VA-guaranteed loans, amounts by type are derived from data on number and average amount of loans closed.

**DELINQUENCY RATES ON HOME MORTGAGES**

(Per 100 mortgages held or serviced)

| End of period | Loans not in foreclosure but delinquent for— |         |         |                 | Loans in fore-closure |
|---------------|--|---------|---------|-----------------|-----------------------|
|               | Total  | 30 days | 60 days | 90 days or more |                       |
| 1965.....     | 3.29   | 2.40    | .55     | .34             | .40                   |
| 1966.....     | 3.40   | 2.54    | .54     | .32             | .36                   |
| 1967.....     | 3.47   | 2.66    | .54     | .27             | .32                   |
| 1968.....     | 3.17   | 2.43    | .51     | .23             | .26                   |
| 1969.....     | 3.22   | 2.43    | .52     | .27             | .27                   |
| 1970.....     | 3.64   | 2.67    | .61     | .36             | .33                   |
| 1971.....     | 3.93   | 2.82    | .65     | .46             | .46                   |
| 1972.....     | 4.65   | 3.42    | .78     | .45             | .48                   |
| 1971—II.....  | 3.27   | 2.36    | .53     | .38             | .38                   |
| III.....      | 3.59   | 2.54    | .62     | .43             | .41                   |
| IV.....       | 3.93   | 2.82    | .65     | .46             | .46                   |
| 1972—I.....   | 3.16   | 2.21    | .58     | .37             | .50                   |
| II.....       | 3.27   | 2.38    | .53     | .36             | .48                   |
| III.....      | 3.82   | 2.74    | .65     | .43             | .52                   |
| IV 1....      | {4.66  | {3.41   | {.79    | {.46            | {.50                  |
| IV 2....      | {4.65  | {3.42   | {.78    | {.45            | {.48                  |
| 1973—I.....   | 3.63   | 2.52    | .68     | .43             | .....                 |
| II.....       | 3.84   | 2.81    | .64     | .39             | .....                 |
| III.....      | 4.36   | 3.10    | .78     | .48             | .....                 |

<sup>1</sup> First line is old series; second line is new series.

NOTE.—Mortgage Bankers Association of America data from reports on 1- to 4-family FHA-insured, VA-guaranteed, and conventional mortgages held by more than 400 respondents, including mortgage bankers (chiefly), commercial banks, savings banks, and savings and loan associations.

**FEDERAL HOME LOAN MORTGAGE CORPORATION ACTIVITY**

(In millions of dollars)

| End of period | Mortgage holdings |        |               | Mortgage transactions (during period) |       | Mortgage commitments |               |
|---------------|-------------------|--------|---------------|---------------------------------------|-------|----------------------|---------------|
|               | Total             | FHA-VA | Con-ventional | Pur-chases                            | Sales | Made during period   | Out-stand-ing |
| 1970.....     | 325               | 325    | .....         | 325                                   | ..... | .....                | .....         |
| 1971.....     | 968               | 821    | 147           | 778                                   | 64    | .....                | 182           |
| 1972.....     | 1,789             | 1,503  | 286           | 1,298                                 | 408   | 1,606                | 198           |
| 1972—Nov....  | 1,743             | 1,491  | 253           | 128                                   | 10    | 89                   | 293           |
| Dec.....      | 1,789             | 1,503  | 286           | 143                                   | 87    | 93                   | 198           |
| 1973-Jan....  | 1,761             | 1,517  | 244           | 76                                    | 99    | 142                  | 226           |
| Feb....       | 1,677             | 1,535  | 142           | 76                                    | 150   | 166                  | 300           |
| Mar....       | 1,718             | 1,589  | 128           | 119                                   | 68    | 141                  | 295           |
| Apr....       | 1,784             | 1,646  | 138           | 126                                   | 51    | 193                  | 343           |
| May....       | 1,906             | 1,695  | 211           | 147                                   | 17    | 187                  | 344           |
| June....      | 2,029             | 1,716  | 313           | 154                                   | 21    | 159                  | 316           |
| July....      | 2,158             | 1,714  | 444           | 140                                   | ..... | 139                  | 278           |
| Aug....       | 2,307             | 1,728  | 579           | 161                                   | ..... | 208                  | 291           |
| Sept....      | 2,423             | 1,729  | 694           | 126                                   | ..... | 143                  | 288           |
| Oct....       | 2,527             | 1,742  | 785           | 113                                   | ..... | 63                   | 218           |
| Nov....       | 2,565             | 1,746  | 819           | 46                                    | ..... | 45                   | 207           |

NOTE.—FHLMC data. Data for 1970 include only the period beginning Nov. 26 when the FHLMC first became operational. Holdings, purchases, and sales include participations as well as whole loans. Mortgage holdings include loans used to back bond issues guaranteed by GNMA. Commitment data cover the conventional and Govt.-underwritten loan programs.

**TOTAL CREDIT**

(In millions of dollars)

| End of period | Total   | Instalment |                   |                            |                                      |                | Noninstalment |                      |                 |                |
|---------------|---------|------------|-------------------|----------------------------|--------------------------------------|----------------|---------------|----------------------|-----------------|----------------|
|               |         | Total      | Auto-mobile paper | Other consumer goods paper | Home improve-ment loans <sup>1</sup> | Personal loans | Total         | Single-payment loans | Charge accounts | Service credit |
| 1940.....     | 8,338   | 5,514      | 2,071             | 1,827                      | 371                                  | 1,245          | 2,824         | 800                  | 1,471           | 553            |
| 1950.....     | 21,471  | 14,703     | 6,074             | 4,799                      | 1,016                                | 2,814          | 6,768         | 1,821                | 3,367           | 1,580          |
| 1955.....     | 38,830  | 28,906     | 13,460            | 7,641                      | 1,693                                | 6,112          | 9,924         | 3,002                | 4,795           | 2,127          |
| 1960.....     | 56,141  | 42,968     | 17,658            | 11,545                     | 3,148                                | 10,617         | 13,173        | 4,507                | 5,329           | 3,337          |
| 1965.....     | 89,883  | 70,893     | 28,437            | 18,483                     | 3,736                                | 20,237         | 18,990        | 7,671                | 6,430           | 4,889          |
| 1966.....     | 96,239  | 76,245     | 30,010            | 20,732                     | 3,841                                | 21,662         | 19,994        | 7,972                | 6,686           | 5,336          |
| 1967.....     | 100,783 | 79,428     | 29,796            | 22,389                     | 4,008                                | 23,235         | 21,355        | 8,558                | 7,070           | 5,727          |
| 1968.....     | 110,770 | 87,745     | 32,948            | 24,626                     | 4,239                                | 25,932         | 23,025        | 9,532                | 7,193           | 6,300          |
| 1969.....     | 121,146 | 97,105     | 35,527            | 28,313                     | 4,613                                | 28,652         | 24,041        | 9,747                | 7,373           | 6,921          |
| 1970.....     | 127,163 | 102,064    | 35,184            | 31,465                     | 5,070                                | 30,345         | 25,099        | 9,675                | 7,968           | 7,456          |
| 1971.....     | 138,394 | 111,295    | 38,664            | 34,353                     | 5,413                                | 32,865         | 27,099        | 10,585               | 8,350           | 8,164          |
| 1972.....     | 157,564 | 127,332    | 44,129            | 40,080                     | 6,201                                | 36,922         | 30,232        | 12,256               | 9,002           | 8,974          |
| 1973.....     | 180,486 | 147,437    | 51,130            | 47,530                     | 7,352                                | 41,425         | 33,049        | 13,241               | 9,829           | 9,979          |
| 1972—Dec..... | 157,564 | 127,332    | 44,129            | 40,080                     | 6,201                                | 36,922         | 30,232        | 12,256               | 9,002           | 8,974          |
| 1973—Jan..... | 157,227 | 127,368    | 44,353            | 39,952                     | 6,193                                | 36,870         | 29,859        | 12,204               | 8,357           | 9,298          |
| Feb.....      | 157,582 | 127,959    | 44,817            | 39,795                     | 6,239                                | 37,108         | 29,623        | 12,409               | 7,646           | 9,568          |
| Mar.....      | 159,320 | 129,375    | 45,610            | 39,951                     | 6,328                                | 37,486         | 29,945        | 12,540               | 7,702           | 9,703          |
| Apr.....      | 161,491 | 131,022    | 46,478            | 40,441                     | 6,408                                | 37,695         | 30,469        | 12,686               | 8,036           | 9,747          |
| May.....      | 164,277 | 133,531    | 47,518            | 41,096                     | 6,541                                | 38,376         | 30,746        | 12,817               | 8,319           | 9,610          |
| June.....     | 167,083 | 136,018    | 48,549            | 41,853                     | 6,688                                | 38,928         | 31,065        | 12,990               | 8,555           | 9,520          |
| July.....     | 169,148 | 138,212    | 49,352            | 42,575                     | 6,845                                | 39,440         | 30,936        | 12,968               | 8,479           | 9,489          |
| Aug.....      | 171,978 | 140,810    | 50,232            | 43,505                     | 7,009                                | 40,064         | 31,168        | 13,111               | 8,605           | 9,452          |
| Sept.....     | 173,035 | 142,093    | 50,557            | 44,019                     | 7,120                                | 40,397         | 30,942        | 13,088               | 8,335           | 9,519          |
| Oct.....      | 174,840 | 143,610    | 51,092            | 44,632                     | 7,235                                | 40,651         | 31,230        | 13,145               | 8,590           | 9,495          |
| Nov.....      | 176,969 | 145,400    | 51,371            | 45,592                     | 7,321                                | 41,116         | 31,569        | 13,161               | 8,785           | 9,623          |
| Dec.....      | 180,486 | 147,437    | 51,130            | 47,530                     | 7,352                                | 41,425         | 33,049        | 13,241               | 9,829           | 9,979          |

<sup>1</sup> Holdings of financial institutions; holdings of retail outlets are included in "Other consumer goods paper."

hold, family, and other personal expenditures, except real estate mortgage loans. For back figures and description of the data, see "Consumer Credit," Section 16 (New) of *Supplement to Banking and Monetary Statistics*, 1965 and BULLETINS for Dec. 1968 and Oct. 1972.

NOTE.—Consumer credit estimates cover loans to individuals for house-

**INSTALMENT CREDIT**

(In millions of dollars)

| End of period | Total   | Financial institutions |                   |                                  |               |                                     | Retail outlets |                                  |                      |
|---------------|---------|------------------------|-------------------|----------------------------------|---------------|-------------------------------------|----------------|----------------------------------|----------------------|
|               |         | Total                  | Com-mercial banks | Finance com-pa-nies <sup>1</sup> | Credit unions | Mis-cellaneous lenders <sup>1</sup> | Total          | Auto-mobile dealers <sup>2</sup> | Other retail outlets |
| 1940.....     | 5,514   | 3,918                  | 1,452             | 2,278                            | 171           | 17                                  | 1,596          | 167                              | 1,429                |
| 1950.....     | 14,703  | 11,805                 | 5,798             | 5,315                            | 590           | 102                                 | 2,898          | 287                              | 2,611                |
| 1955.....     | 28,906  | 24,398                 | 10,601            | 11,838                           | 1,678         | 281                                 | 4,508          | 487                              | 4,021                |
| 1960.....     | 42,968  | 36,673                 | 16,672            | 15,435                           | 3,923         | 643                                 | 6,295          | 359                              | 5,936                |
| 1965.....     | 70,893  | 61,102                 | 28,962            | 23,851                           | 7,324         | 965                                 | 9,791          | 315                              | 9,476                |
| 1966.....     | 76,245  | 65,430                 | 31,319            | 24,796                           | 8,255         | 1,060                               | 10,815         | 277                              | 10,538               |
| 1967.....     | 79,428  | 67,944                 | 33,152            | 24,576                           | 9,003         | 1,213                               | 11,484         | 287                              | 11,197               |
| 1968.....     | 87,745  | 75,727                 | 37,936            | 26,074                           | 10,300        | 1,417                               | 12,018         | 281                              | 11,737               |
| 1969.....     | 97,105  | 83,989                 | 42,421            | 27,846                           | 12,028        | 1,694                               | 13,116         | 250                              | 12,866               |
| 1970.....     | 102,064 | 88,164                 | 45,398            | 27,678                           | 12,986        | 2,102                               | 13,900         | 218                              | 13,682               |
| 1971.....     | 111,295 | 97,144                 | 51,240            | 28,883                           | 14,770        | 2,251                               | 14,151         | 226                              | 13,925               |
| 1972.....     | 127,332 | 111,382                | 59,783            | 32,088                           | 16,913        | 2,598                               | 15,950         | 261                              | 15,689               |
| 1973.....     | 147,437 | 129,305                | 69,495            | 37,243                           | 19,609        | 2,958                               | 18,132         | 299                              | 17,833               |
| 1972—Dec..... | 127,332 | 111,382                | 59,783            | 32,088                           | 16,913        | 2,598                               | 15,950         | 261                              | 15,689               |
| 1973—Jan..... | 127,368 | 111,690                | 60,148            | 32,177                           | 16,847        | 2,518                               | 15,678         | 263                              | 15,415               |
| Feb.....      | 127,959 | 112,630                | 60,582            | 32,431                           | 16,973        | 2,644                               | 15,329         | 266                              | 15,063               |
| Mar.....      | 129,375 | 114,190                | 61,388            | 32,750                           | 17,239        | 2,813                               | 15,185         | 272                              | 14,913               |
| Apr.....      | 131,022 | 115,727                | 62,459            | 33,078                           | 17,455        | 2,735                               | 15,295         | 278                              | 15,017               |
| May.....      | 133,531 | 118,165                | 63,707            | 33,859                           | 17,832        | 2,767                               | 15,366         | 284                              | 15,082               |
| June.....     | 136,018 | 120,450                | 64,999            | 34,367                           | 18,269        | 2,815                               | 15,568         | 289                              | 15,279               |
| July.....     | 138,212 | 122,479                | 66,065            | 35,020                           | 18,517        | 2,877                               | 15,733         | 293                              | 15,440               |
| Aug.....      | 140,810 | 124,823                | 67,381            | 35,634                           | 18,961        | 2,847                               | 15,987         | 296                              | 15,691               |
| Sept.....     | 142,093 | 126,040                | 67,918            | 35,993                           | 19,207        | 2,922                               | 16,053         | 297                              | 15,756               |
| Oct.....      | 143,610 | 127,307                | 68,627            | 36,365                           | 19,339        | 2,976                               | 16,303         | 300                              | 16,003               |
| Nov.....      | 145,400 | 128,553                | 69,161            | 36,887                           | 19,517        | 2,988                               | 16,847         | 302                              | 16,545               |
| Dec.....      | 147,437 | 129,305                | 69,495            | 37,243                           | 19,609        | 2,958                               | 18,132         | 299                              | 17,833               |

<sup>1</sup> Finance companies consist of those institutions formerly classified as sales finance, consumer finance, and other finance companies. Miscellaneous lenders include savings and loan associations and mutual savings banks.

<sup>2</sup> Automobile paper only; other instalment credit held by automobile dealers is included with "Other retail outlets."

See also NOTE to table above.

**MAJOR HOLDERS OF INSTALMENT CREDIT**

(In millions of dollars)

| End of period | Commercial banks |                  |        |                            |              |       |                        | Finance companies <sup>1</sup> |        |                  |                            |       |                        |                |
|---------------|------------------|------------------|--------|----------------------------|--------------|-------|------------------------|--------------------------------|--------|------------------|----------------------------|-------|------------------------|----------------|
|               | Total            | Automobile paper |        | Other consumer goods paper |              |       | Home improvement loans | Personal loans                 | Total  | Automobile paper | Other consumer goods paper |       | Home improvement loans | Personal loans |
|               |                  | Purchased        | Direct | Mobile homes               | Credit cards | Other |                        |                                |        |                  | Mobile homes               | Other |                        |                |
| 1940.....     | 1,452            | 339              | 276    |                            | 232          |       | 165                    | 440                            | 2,278  | 1,253            | 159                        |       | 193                    | 673            |
| 1950.....     | 5,798            | 1,177            | 1,294  |                            | 1,456        |       | 834                    | 1,037                          | 5,315  | 3,157            | 692                        |       | 80                     | 1,386          |
| 1955.....     | 10,601           | 3,243            | 2,062  |                            | 2,042        |       | 1,338                  | 1,916                          | 11,838 | 7,108            | 1,448                      |       | 42                     | 3,240          |
| 1960.....     | 16,672           | 5,316            | 2,820  |                            | 2,759        |       | 2,200                  | 3,577                          | 15,435 | 7,703            | 2,553                      |       | 173                    | 5,006          |
| 1965.....     | 28,962           | 10,209           | 5,659  |                            | 4,166        |       | 2,571                  | 6,357                          | 23,851 | 9,218            | 4,343                      |       | 232                    | 10,058         |
| 1966.....     | 31,319           | 11,024           | 5,956  |                            | 4,681        |       | 2,647                  | 7,011                          | 24,796 | 9,342            | 4,925                      |       | 214                    | 10,315         |
| 1967.....     | 33,152           | 10,972           | 6,232  |                            | 5,469        |       | 2,731                  | 7,748                          | 24,576 | 8,627            | 5,069                      |       | 192                    | 10,688         |
| 1968.....     | 37,936           | 12,324           | 7,102  |                            | 5,907        | 5,387 | 2,858                  | 8,958                          | 26,074 | 9,003            | 5,424                      |       | 166                    | 11,481         |
| 1969.....     | 42,421           | 13,133           | 7,791  |                            | 6,082        | 6,082 | 2,996                  | 9,780                          | 27,846 | 9,412            | 5,775                      |       | 174                    | 12,485         |
| 1970.....     | 45,398           | 12,918           | 7,888  |                            | 3,792        | 7,113 | 3,071                  | 10,616                         | 27,678 | 9,044            | 2,464                      | 3,237 | 199                    | 12,734         |
| 1971.....     | 51,240           | 13,837           | 9,277  | 4,423                      | 4,419        | 4,501 | 3,236                  | 11,547                         | 28,883 | 9,577            | 3,052                      | 3,589 | 247                    | 13,446         |
| 1972.....     | 59,783           | 16,320           | 10,776 | 5,786                      | 5,288        | 5,122 | 3,544                  | 12,947                         | 32,088 | 10,174           | 2,916                      | 3,589 | 497                    | 14,912         |
| 1973.....     | 69,495           | 19,038           | 12,218 | 7,223                      | 6,649        | 6,054 | 3,982                  | 14,331                         | 37,243 | 11,927           | 3,378                      | 4,434 | 917                    | 16,587         |
| 1972—Dec...   | 59,783           | 16,320           | 10,776 | 5,786                      | 5,288        | 5,122 | 3,544                  | 12,947                         | 32,088 | 10,174           | 2,916                      | 3,589 | 497                    | 14,912         |
| 1973—Jan...   | 60,148           | 16,464           | 10,889 | 5,839                      | 5,311        | 5,135 | 3,527                  | 12,983                         | 32,177 | 10,177           | 2,928                      | 3,644 | 528                    | 14,900         |
| Feb...        | 60,582           | 16,680           | 10,977 | 5,932                      | 5,283        | 5,158 | 3,515                  | 13,037                         | 32,431 | 10,267           | 2,909                      | 3,752 | 562                    | 14,941         |
| Mar...        | 61,388           | 16,951           | 11,216 | 6,035                      | 5,243        | 5,289 | 3,538                  | 13,116                         | 32,750 | 10,419           | 2,943                      | 3,796 | 581                    | 15,011         |
| Apr...        | 62,459           | 17,327           | 11,436 | 6,163                      | 5,290        | 5,401 | 3,581                  | 13,261                         | 33,078 | 10,617           | 2,991                      | 3,831 | 611                    | 15,028         |
| May...        | 63,707           | 17,716           | 11,680 | 6,321                      | 5,360        | 5,538 | 3,635                  | 13,457                         | 33,859 | 10,872           | 3,025                      | 3,985 | 656                    | 15,321         |
| June...       | 64,999           | 18,138           | 11,866 | 6,475                      | 5,502        | 5,688 | 3,700                  | 13,632                         | 34,367 | 11,121           | 3,081                      | 4,002 | 694                    | 15,469         |
| July...       | 66,065           | 18,439           | 12,023 | 6,625                      | 5,603        | 5,815 | 3,774                  | 13,782                         | 35,020 | 11,365           | 3,132                      | 4,103 | 733                    | 15,687         |
| Aug...        | 67,381           | 18,771           | 12,190 | 6,825                      | 5,792        | 5,923 | 3,863                  | 14,017                         | 35,634 | 11,583           | 3,187                      | 4,194 | 771                    | 15,899         |
| Sept...       | 67,918           | 18,886           | 12,160 | 6,956                      | 5,909        | 5,978 | 3,903                  | 14,126                         | 35,993 | 11,721           | 3,235                      | 4,265 | 809                    | 15,963         |
| Oct...        | 68,627           | 19,123           | 12,262 | 7,106                      | 5,991        | 6,012 | 3,950                  | 14,183                         | 36,365 | 11,859           | 3,269                      | 4,316 | 847                    | 16,074         |
| Nov...        | 69,161           | 19,198           | 12,306 | 7,208                      | 6,171        | 6,035 | 3,979                  | 14,264                         | 36,887 | 11,949           | 3,310                      | 4,371 | 886                    | 16,371         |
| Dec...        | 69,495           | 19,038           | 12,218 | 7,223                      | 6,649        | 6,054 | 3,982                  | 14,331                         | 37,243 | 11,927           | 3,378                      | 4,434 | 917                    | 16,587         |

<sup>1</sup> Finance companies consist of those institutions formerly classified as sales finance, consumer finance, and other finance companies.

See also NOTE to table at top of preceding page.

**INSTALMENT CREDIT HELD BY OTHER FINANCIAL LENDERS**

(In millions of dollars)

| End of period | Total  | Automobile paper | Other consumer goods paper | Home improvement loans | Personal loans |
|---------------|--------|------------------|----------------------------|------------------------|----------------|
| 1940.....     | 188    | 36               | 7                          | 13                     | 132            |
| 1950.....     | 692    | 159              | 40                         | 102                    | 391            |
| 1955.....     | 1,959  | 560              | 130                        | 313                    | 956            |
| 1960.....     | 4,566  | 1,460            | 297                        | 775                    | 2,034          |
| 1965.....     | 8,289  | 3,036            | 498                        | 933                    | 3,822          |
| 1966.....     | 9,315  | 3,411            | 588                        | 980                    | 4,336          |
| 1967.....     | 10,216 | 3,678            | 654                        | 1,085                  | 4,799          |
| 1968.....     | 11,717 | 4,238            | 771                        | 1,215                  | 5,493          |
| 1969.....     | 13,722 | 4,941            | 951                        | 1,443                  | 6,387          |
| 1970.....     | 15,088 | 5,116            | 1,177                      | 1,800                  | 6,995          |
| 1971.....     | 17,021 | 5,747            | 1,472                      | 1,930                  | 7,872          |
| 1972.....     | 19,511 | 6,598            | 1,690                      | 2,160                  | 9,063          |
| 1973.....     | 22,567 | 7,648            | 1,959                      | 2,453                  | 10,507         |
| 1972—Dec..... | 19,511 | 6,598            | 1,690                      | 2,160                  | 9,063          |
| 1973—Jan..... | 19,365 | 6,560            | 1,680                      | 2,138                  | 8,987          |
| Feb.....      | 19,617 | 6,627            | 1,698                      | 2,162                  | 9,130          |
| Mar.....      | 20,052 | 6,752            | 1,732                      | 2,209                  | 9,359          |
| Apr.....      | 20,190 | 6,820            | 1,748                      | 2,216                  | 9,406          |
| May.....      | 20,599 | 6,966            | 1,785                      | 2,250                  | 9,598          |
| June.....     | 21,084 | 7,135            | 1,828                      | 2,294                  | 9,827          |
| July.....     | 21,394 | 7,232            | 1,853                      | 2,338                  | 9,971          |
| Aug.....      | 21,808 | 7,392            | 1,893                      | 2,375                  | 10,148         |
| Sept.....     | 22,129 | 7,493            | 1,920                      | 2,408                  | 10,308         |
| Oct.....      | 22,315 | 7,548            | 1,935                      | 2,438                  | 10,394         |
| Nov.....      | 22,505 | 7,616            | 1,952                      | 2,456                  | 10,481         |
| Dec.....      | 22,567 | 7,648            | 1,959                      | 2,453                  | 10,507         |

NOTE.—Other financial lenders consist of credit unions and miscellaneous lenders. Miscellaneous lenders include savings and loan associations and mutual savings banks.

**NONINSTALMENT CREDIT**

(In millions of dollars)

| End of period | Total  | Single-payment loans |                              | Charge accounts |                           | Service credit |
|---------------|--------|----------------------|------------------------------|-----------------|---------------------------|----------------|
|               |        | Commercial banks     | Other financial institutions | Retail outlets  | Credit cards <sup>1</sup> |                |
|               |        |                      |                              |                 |                           |                |
| 1940.....     | 2,824  | 636                  | 164                          | 1,471           | .....                     | 553            |
| 1950.....     | 6,768  | 1,576                | 245                          | 3,291           | .....                     | 1,580          |
| 1955.....     | 9,924  | 2,635                | 367                          | 4,579           | .....                     | 2,127          |
| 1960.....     | 13,173 | 3,884                | 623                          | 4,893           | .....                     | 3,337          |
| 1965.....     | 18,990 | 6,690                | 981                          | 5,724           | .....                     | 4,889          |
| 1966.....     | 19,994 | 6,946                | 1,026                        | 5,812           | .....                     | 5,336          |
| 1967.....     | 21,355 | 7,478                | 1,080                        | 6,041           | .....                     | 5,727          |
| 1968.....     | 23,025 | 8,374                | 1,158                        | 5,966           | .....                     | 6,300          |
| 1969.....     | 24,041 | 8,553                | 1,194                        | 5,936           | .....                     | 6,921          |
| 1970.....     | 25,099 | 8,469                | 1,206                        | 6,163           | .....                     | 7,456          |
| 1971.....     | 27,099 | 9,316                | 1,269                        | 6,397           | .....                     | 8,164          |
| 1972.....     | 30,232 | 10,857               | 1,399                        | 7,055           | .....                     | 8,974          |
| 1973.....     | 33,049 | 11,753               | 1,488                        | 7,783           | .....                     | 9,979          |
| 1972—Dec..... | 30,232 | 10,857               | 1,399                        | 7,055           | .....                     | 8,974          |
| 1973—Jan..... | 29,859 | 10,825               | 1,379                        | 6,402           | .....                     | 9,298          |
| Feb.....      | 29,623 | 10,989               | 1,420                        | 5,735           | .....                     | 9,568          |
| Mar.....      | 29,945 | 11,074               | 1,466                        | 5,825           | .....                     | 9,703          |
| Apr.....      | 30,469 | 11,237               | 1,449                        | 6,129           | .....                     | 9,747          |
| May.....      | 30,746 | 11,359               | 1,458                        | 6,387           | .....                     | 9,610          |
| June.....     | 31,065 | 11,520               | 1,470                        | 6,544           | .....                     | 9,520          |
| July.....     | 30,936 | 11,491               | 1,477                        | 6,424           | .....                     | 9,489          |
| Aug.....      | 31,168 | 11,655               | 1,456                        | 6,475           | .....                     | 9,452          |
| Sept.....     | 30,942 | 11,608               | 1,480                        | 6,229           | .....                     | 9,519          |
| Oct.....      | 31,230 | 11,654               | 1,491                        | 6,554           | .....                     | 9,495          |
| Nov.....      | 31,569 | 11,669               | 1,492                        | 6,761           | .....                     | 9,623          |
| Dec.....      | 33,049 | 11,753               | 1,488                        | 7,783           | .....                     | 9,979          |

<sup>1</sup> Service station and miscellaneous credit-card accounts and home-heating-oil accounts. Bank-credit-card accounts outstanding are included in estimates of instalment credit outstanding. See also NOTE to table at top of preceding page.



INSTALMENT CREDIT EXTENDED AND REPAID, BY TYPE OF CREDIT

(In millions of dollars)

| Period  | Total             |         | Automobile paper  |        | Other consumer goods paper |        | Home improvement loans |        | Personal loans    |        |
|---|-------------------|---------|-------------------|--------|----------------------------|--------|------------------------|--------|-------------------|--------|
|   | S.A. <sup>1</sup> | N.S.A.  | S.A. <sup>1</sup> | N.S.A. | S.A. <sup>1</sup>          | N.S.A. | S.A. <sup>1</sup>      | N.S.A. | S.A. <sup>1</sup> | N.S.A. |
| Extensions                                    |                   |         |                   |        |                            |        |                        |        |                   |        |
| 1966.....                                     |                   | 82,832  |                   | 27,192 |                            | 26,329 |                        | 2,223  |                   | 27,088 |
| 1967.....                                     |                   | 87,171  |                   | 26,320 |                            | 29,504 |                        | 2,369  |                   | 28,978 |
| 1968.....                                     |                   | 99,984  |                   | 31,083 |                            | 33,507 |                        | 2,534  |                   | 32,860 |
| 1969.....                                     |                   | 109,146 |                   | 32,553 |                            | 38,332 |                        | 2,831  |                   | 35,430 |
| 1970.....                                     |                   | 112,158 |                   | 29,794 |                            | 43,873 |                        | 2,963  |                   | 35,528 |
| 1971.....                                     |                   | 124,281 |                   | 34,873 |                            | 47,821 |                        | 3,244  |                   | 38,343 |
| 1972.....                                     |                   | 142,951 |                   | 40,194 |                            | 55,599 |                        | 4,006  |                   | 43,152 |
| 1973.....                                     |                   | 165,083 |                   | 46,453 |                            | 66,859 |                        | 4,728  |                   | 47,043 |
| 1972—Dec.....                                 | 12,627            | 13,643  | 3,763             | 3,195  | 4,876                      | 6,171  | 351                    | 280    | 3,637             | 3,997  |
| 1973—Jan.....                                 | 13,304            | 11,923  | 4,006             | 3,393  | 5,282                      | 4,949  | 329                    | 259    | 3,687             | 3,322  |
| Feb.....                                      | 13,434            | 11,214  | 3,972             | 3,407  | 5,245                      | 4,252  | 364                    | 300    | 3,853             | 3,255  |
| Mar.....                                      | 13,852            | 13,681  | 4,001             | 4,164  | 5,349                      | 5,169  | 406                    | 377    | 4,096             | 3,971  |
| Apr.....                                      | 13,465            | 13,661  | 3,822             | 4,101  | 5,563                      | 5,378  | 365                    | 372    | 3,715             | 3,810  |
| May.....                                      | 13,932            | 14,792  | 3,989             | 4,409  | 5,504                      | 5,698  | 374                    | 431    | 4,065             | 4,254  |
| June.....                                     | 13,646            | 14,608  | 3,762             | 4,313  | 5,505                      | 5,678  | 400                    | 450    | 3,979             | 4,167  |
| July.....                                     | 14,542            | 14,812  | 3,930             | 4,177  | 5,943                      | 5,753  | 433                    | 472    | 4,236             | 4,410  |
| Aug.....                                      | 14,294            | 15,099  | 3,968             | 4,252  | 5,961                      | 6,065  | 408                    | 471    | 3,957             | 4,311  |
| Sept.....                                     | 13,691            | 12,624  | 3,939             | 3,476  | 5,537                      | 5,217  | 410                    | 420    | 3,805             | 3,511  |
| Oct.....                                      | 14,149            | 14,454  | 3,912             | 4,196  | 5,911                      | 5,894  | 415                    | 439    | 3,911             | 3,925  |
| Nov.....                                      | 14,275            | 14,098  | 3,819             | 3,693  | 5,978                      | 5,980  | 402                    | 389    | 4,073             | 4,036  |
| Dec.....                                      | 12,677            | 14,117  | 3,315             | 2,872  | 5,254                      | 6,826  | 429                    | 348    | 3,679             | 4,071  |
| Repayments                                    |                   |         |                   |        |                            |        |                        |        |                   |        |
| 1966.....                                     |                   | 77,480  |                   | 25,619 |                            | 24,080 |                        | 2,118  |                   | 25,663 |
| 1967.....                                     |                   | 83,988  |                   | 26,534 |                            | 27,847 |                        | 2,202  |                   | 27,405 |
| 1968.....                                     |                   | 91,667  |                   | 27,931 |                            | 31,270 |                        | 2,303  |                   | 30,163 |
| 1969.....                                     |                   | 99,786  |                   | 29,974 |                            | 34,645 |                        | 2,457  |                   | 32,710 |
| 1970.....                                     |                   | 107,199 |                   | 30,137 |                            | 40,721 |                        | 2,506  |                   | 33,835 |
| 1971.....                                     |                   | 115,050 |                   | 31,393 |                            | 44,933 |                        | 2,901  |                   | 35,823 |
| 1972.....                                     |                   | 126,914 |                   | 34,729 |                            | 49,872 |                        | 3,218  |                   | 39,095 |
| 1973.....                                     |                   | 144,978 |                   | 39,452 |                            | 59,409 |                        | 3,577  |                   | 42,540 |
| 1972—Dec.....                                 | 10,964            | 10,636  | 2,977             | 2,740  | 4,341                      | 4,155  | 263                    | 253    | 3,383             | 3,488  |
| 1973—Jan.....                                 | 11,355            | 11,887  | 3,097             | 3,169  | 4,649                      | 5,077  | 267                    | 267    | 3,342             | 3,374  |
| Feb.....                                      | 11,437            | 10,623  | 3,145             | 2,943  | 4,627                      | 4,409  | 275                    | 254    | 3,390             | 3,017  |
| Mar.....                                      | 11,808            | 12,265  | 3,225             | 3,371  | 4,755                      | 5,013  | 286                    | 288    | 3,542             | 3,593  |
| Apr.....                                      | 12,061            | 12,014  | 3,218             | 3,233  | 4,963                      | 4,888  | 294                    | 292    | 3,586             | 3,601  |
| May.....                                      | 11,941            | 12,283  | 3,261             | 3,369  | 4,917                      | 5,043  | 290                    | 298    | 3,473             | 3,573  |
| June.....                                     | 12,034            | 12,121  | 3,253             | 3,282  | 4,955                      | 4,921  | 300                    | 303    | 3,526             | 3,615  |
| July.....                                     | 12,544            | 12,618  | 3,334             | 3,374  | 5,141                      | 5,031  | 308                    | 315    | 3,761             | 3,898  |
| Aug.....                                      | 12,399            | 12,501  | 3,293             | 3,372  | 5,168                      | 5,135  | 298                    | 307    | 3,640             | 3,687  |
| Sept.....                                     | 12,332            | 11,341  | 3,406             | 3,151  | 5,072                      | 4,703  | 322                    | 309    | 3,532             | 3,178  |
| Oct.....                                      | 12,449            | 12,937  | 3,427             | 3,661  | 5,149                      | 5,281  | 308                    | 324    | 3,565             | 3,671  |
| Nov.....                                      | 12,549            | 12,308  | 3,471             | 3,414  | 5,154                      | 5,020  | 301                    | 303    | 3,623             | 3,571  |
| Dec.....                                      | 12,267            | 12,080  | 3,338             | 3,113  | 5,001                      | 4,888  | 332                    | 317    | 3,596             | 3,762  |
| Net change in credit outstanding <sup>2</sup> |                   |         |                   |        |                            |        |                        |        |                   |        |
| 1966.....                                     |                   | 5,352   |                   | 1,573  |                            | 2,249  |                        | 105    |                   | 1,425  |
| 1967.....                                     |                   | 3,183   |                   | -214   |                            | 1,657  |                        | 167    |                   | 1,573  |
| 1968.....                                     |                   | 8,317   |                   | 3,152  |                            | 2,237  |                        | 231    |                   | 2,697  |
| 1969.....                                     |                   | 9,360   |                   | 2,579  |                            | 3,687  |                        | 374    |                   | 2,720  |
| 1970.....                                     |                   | 4,959   |                   | -343   |                            | 3,152  |                        | 457    |                   | 1,693  |
| 1971.....                                     |                   | 9,231   |                   | 3,480  |                            | 2,888  |                        | 343    |                   | 2,520  |
| 1972.....                                     |                   | 16,037  |                   | 5,465  |                            | 5,727  |                        | 788    |                   | 4,057  |
| 1973.....                                     |                   | 20,105  |                   | 7,001  |                            | 7,450  |                        | 1,151  |                   | 4,503  |
| 1972—Dec.....                                 | 1,663             | 3,007   | 786               | 455    | 535                        | 2,016  | 88                     | 27     | 254               | 509    |
| 1973—Jan.....                                 | 1,949             | 36      | 909               | 224    | 633                        | -128   | 62                     | -8     | 345               | -52    |
| Feb.....                                      | 1,997             | 591     | 827               | 464    | 618                        | -157   | 89                     | 46     | 463               | 238    |
| Mar.....                                      | 2,044             | 1,416   | 776               | 793    | 594                        | 156    | 120                    | 89     | 554               | 378    |
| Apr.....                                      | 1,404             | 1,647   | 604               | 868    | 600                        | 490    | 71                     | 80     | 129               | 209    |
| May.....                                      | 1,991             | 2,509   | 728               | 1,040  | 587                        | 655    | 84                     | 133    | 592               | 681    |
| June.....                                     | 1,612             | 2,487   | 509               | 1,031  | 550                        | 757    | 100                    | 147    | 453               | 552    |
| July.....                                     | 1,998             | 2,194   | 596               | 803    | 802                        | 722    | 125                    | 157    | 475               | 512    |
| Aug.....                                      | 1,895             | 2,598   | 675               | 880    | 793                        | 930    | 110                    | 164    | 317               | 624    |
| Sept.....                                     | 1,359             | 1,283   | 533               | 325    | 465                        | 514    | 88                     | 111    | 273               | 333    |
| Oct.....                                      | 1,700             | 1,517   | 485               | 535    | 762                        | 613    | 107                    | 115    | 346               | 254    |
| Nov.....                                      | 1,726             | 1,790   | 348               | 279    | 824                        | 960    | 101                    | 86     | 453               | 465    |
| Dec.....                                      | 410               | 2,037   | -23               | -241   | 253                        | 1,938  | 97                     | 31     | 83                | 309    |

<sup>1</sup> Includes adjustments for differences in trading days.  
<sup>2</sup> Net changes in credit outstanding are equal to extensions less repayments.

NOTE.—Estimates are based on accounting records and often include financing charges. Renewals and refinancing of loans, purchases and

sales of instalment paper, and certain other transactions may increase the amount of extensions and repayments without affecting the amount outstanding.

For back figures and description of the data, see "Consumer Credit," Section 16 (New) of *Supplement to Banking and Monetary Statistics, 1965*, and BULLETINS for Dec. 1968 and Oct. 1972.

**INSTALMENT CREDIT EXTENDED AND REPAID, BY HOLDER**

(In millions of dollars)

| Period   | Total             |         | Commercial banks  |        | Finance companies |        | Other financial lenders |        | Retail outlets    |        |
|--|-------------------|---------|-------------------|--------|-------------------|--------|-------------------------|--------|-------------------|--------|
|  | S.A. <sup>1</sup> | N.S.A.  | S.A. <sup>1</sup> | N.S.A. | S.A. <sup>1</sup> | N.S.A. | S.A. <sup>1</sup>       | N.S.A. | S.A. <sup>1</sup> | N.S.A. |
| <b>Extensions</b>                                    |                   |         |                   |        |                   |        |                         |        |                   |        |
| 1966   |                   | 82,832  |                   | 30,073 |                   | 25,897 |                         | 10,368 |                   | 16,494 |
| 1967   |                   | 87,171  |                   | 31,382 |                   | 26,461 |                         | 11,238 |                   | 18,090 |
| 1968   |                   | 99,984  |                   | 37,395 |                   | 30,261 |                         | 13,206 |                   | 19,122 |
| 1969   |                   | 109,146 |                   | 40,955 |                   | 32,753 |                         | 15,198 |                   | 20,240 |
| 1970   |                   | 112,158 |                   | 42,960 |                   | 31,952 |                         | 15,720 |                   | 21,526 |
| 1971   |                   | 124,281 |                   | 51,237 |                   | 32,935 |                         | 17,966 |                   | 22,143 |
| 1972   |                   | 142,951 |                   | 59,339 |                   | 38,464 |                         | 20,607 |                   | 24,541 |
| 1973   |                   | 165,083 |                   | 69,726 |                   | 43,221 |                         | 23,414 |                   | 28,722 |
| 1972—Dec.  | 12,627            | 13,643  | 5,313             | 5,096  | 3,355             | 3,766  | 1,791                   | 1,642  | 2,168             | 3,139  |
| 1973—Jan.  | 13,304            | 11,923  | 5,762             | 5,246  | 3,517             | 3,033  | 1,706                   | 1,509  | 2,319             | 2,135  |
| Feb.   | 13,434            | 11,214  | 5,664             | 4,826  | 3,557             | 2,972  | 1,964                   | 1,711  | 2,249             | 1,705  |
| Mar.   | 13,852            | 13,681  | 5,853             | 5,890  | 3,654             | 3,598  | 2,131                   | 2,083  | 2,214             | 2,110  |
| Apr.   | 13,465            | 13,661  | 5,644             | 5,973  | 3,555             | 3,576  | 1,792                   | 1,832  | 2,474             | 2,280  |
| May  | 13,932            | 14,792  | 5,859             | 6,356  | 3,820             | 4,027  | 1,868                   | 2,060  | 2,385             | 2,349  |
| June   | 13,646            | 14,608  | 5,684             | 6,219  | 3,584             | 3,817  | 1,978                   | 2,211  | 2,400             | 2,361  |
| July   | 14,542            | 14,812  | 5,976             | 6,232  | 3,824             | 3,931  | 2,110                   | 2,233  | 2,632             | 2,416  |
| Aug.   | 14,294            | 15,099  | 6,195             | 6,518  | 3,685             | 3,877  | 1,943                   | 2,194  | 2,471             | 2,510  |
| Sept.  | 13,691            | 12,624  | 5,809             | 5,376  | 3,602             | 3,189  | 2,019                   | 1,912  | 2,261             | 2,147  |
| Oct.   | 14,149            | 14,454  | 6,060             | 6,169  | 3,623             | 3,765  | 1,951                   | 1,968  | 2,515             | 2,552  |
| Nov.   | 14,275            | 14,098  | 6,222             | 5,697  | 3,564             | 3,722  | 2,029                   | 1,929  | 2,460             | 2,750  |
| Dec.   | 12,677            | 14,117  | 5,124             | 5,224  | 3,279             | 3,714  | 1,897                   | 1,772  | 2,377             | 3,407  |
| <b>Repayments</b>                                    |                   |         |                   |        |                   |        |                         |        |                   |        |
| 1966   |                   | 77,480  |                   | 27,716 |                   | 24,952 |                         | 9,342  |                   | 15,470 |
| 1967   |                   | 83,988  |                   | 29,549 |                   | 26,681 |                         | 10,337 |                   | 17,421 |
| 1968   |                   | 91,667  |                   | 32,611 |                   | 28,763 |                         | 11,705 |                   | 18,588 |
| 1969   |                   | 99,786  |                   | 36,470 |                   | 30,981 |                         | 13,193 |                   | 19,142 |
| 1970   |                   | 107,199 |                   | 40,398 |                   | 31,705 |                         | 14,354 |                   | 20,742 |
| 1971   |                   | 115,050 |                   | 45,395 |                   | 31,730 |                         | 16,033 |                   | 21,892 |
| 1972   |                   | 126,914 |                   | 50,796 |                   | 35,259 |                         | 18,117 |                   | 22,742 |
| 1973   |                   | 144,978 |                   | 60,014 |                   | 38,066 |                         | 20,358 |                   | 26,540 |
| 1972—Dec.  | 10,964            | 10,636  | 4,485             | 4,191  | 2,952             | 3,105  | 1,561                   | 1,499  | 1,966             | 1,841  |
| 1973—Jan.  | 11,355            | 11,887  | 4,734             | 4,881  | 3,033             | 2,944  | 1,532                   | 1,655  | 2,056             | 2,407  |
| Feb.   | 11,437            | 10,623  | 4,684             | 4,392  | 3,030             | 2,718  | 1,625                   | 1,459  | 2,098             | 2,054  |
| Mar.   | 11,808            | 12,265  | 4,870             | 5,084  | 3,141             | 3,279  | 1,665                   | 1,648  | 2,132             | 2,254  |
| Apr.   | 12,061            | 12,014  | 4,919             | 4,902  | 3,251             | 3,248  | 1,693                   | 1,694  | 2,198             | 2,170  |
| May  | 11,941            | 12,283  | 4,976             | 5,108  | 3,100             | 3,246  | 1,612                   | 1,651  | 2,253             | 2,278  |
| June   | 12,034            | 12,121  | 4,890             | 4,927  | 3,241             | 3,309  | 1,694                   | 1,726  | 2,209             | 2,159  |
| July   | 12,544            | 12,618  | 5,112             | 5,166  | 3,312             | 3,278  | 1,771                   | 1,923  | 2,349             | 2,251  |
| Aug.   | 12,399            | 12,501  | 5,146             | 5,202  | 3,241             | 3,263  | 1,738                   | 1,780  | 2,274             | 2,256  |
| Sept.  | 12,332            | 11,341  | 5,167             | 4,839  | 3,144             | 2,830  | 1,757                   | 1,591  | 2,264             | 2,081  |
| Oct.   | 12,449            | 12,937  | 5,212             | 5,460  | 3,287             | 3,393  | 1,703                   | 1,782  | 2,247             | 2,302  |
| Nov.   | 12,549            | 12,308  | 5,345             | 5,163  | 3,143             | 3,200  | 1,814                   | 1,739  | 2,247             | 2,206  |
| Dec.   | 12,267            | 12,080  | 5,088             | 4,890  | 3,151             | 3,358  | 1,766                   | 1,710  | 2,262             | 2,122  |
| <b>Net change in credit outstanding <sup>2</sup></b> |                   |         |                   |        |                   |        |                         |        |                   |        |
| 1966   |                   | 5,352   |                   | 2,357  |                   | 945    |                         | 1,026  |                   | 1,024  |
| 1967   |                   | 3,183   |                   | 1,833  |                   | -220   |                         | 901    |                   | 669    |
| 1968   |                   | 8,317   |                   | 4,784  |                   | 1,498  |                         | 1,501  |                   | 534    |
| 1969   |                   | 9,360   |                   | 4,485  |                   | 1,772  |                         | 2,005  |                   | 1,098  |
| 1970   |                   | 4,959   |                   | 2,977  |                   | -168   |                         | 1,366  |                   | 784    |
| 1971   |                   | 9,231   |                   | 5,842  |                   | 1,205  |                         | 1,933  |                   | 251    |
| 1972   |                   | 16,037  |                   | 8,543  |                   | 3,205  |                         | 2,490  |                   | 1,799  |
| 1973   |                   | 20,105  |                   | 9,712  |                   | 5,155  |                         | 3,056  |                   | 2,182  |
| 1972—Dec.  | 1,663             | 3,007   | 828               | 905    | 403               | 661    | 230                     | 143    | 202               | 1,298  |
| 1973—Jan.  | 1,949             | 36      | 1,028             | 365    | 484               | 89     | 174                     | -146   | 263               | -272   |
| Feb.   | 1,997             | 591     | 980               | 434    | 527               | 254    | 339                     | 252    | 151               | -349   |
| Mar.   | 2,044             | 1,416   | 983               | 806    | 513               | 319    | 466                     | 435    | 82                | -144   |
| Apr.   | 1,404             | 1,647   | 725               | 1,071  | 304               | 328    | 99                      | 138    | 276               | 110    |
| May  | 1,991             | 2,509   | 883               | 1,248  | 720               | 781    | 256                     | 409    | 132               | 71     |
| June   | 1,612             | 2,487   | 794               | 1,292  | 343               | 508    | 284                     | 485    | 191               | 202    |
| July   | 1,998             | 2,194   | 864               | 1,066  | 512               | 653    | 339                     | 310    | 283               | 165    |
| Aug.   | 1,895             | 2,598   | 1,049             | 1,316  | 444               | 614    | 205                     | 414    | 197               | 254    |
| Sept.  | 1,359             | 1,283   | 642               | 537    | 458               | 359    | 262                     | 321    | -3                | 66     |
| Oct.   | 1,700             | 1,517   | 848               | 709    | 336               | 372    | 248                     | 186    | 268               | 250    |
| Nov.   | 1,726             | 1,790   | 877               | 534    | 421               | 522    | 215                     | 190    | 213               | 544    |
| Dec.   | 410               | 2,037   | 36                | 334    | 128               | 356    | 131                     | 62     | 115               | 1,285  |

<sup>1</sup> Includes adjustments for differences in trading days.

<sup>2</sup> Net changes in credit outstanding are equal to extensions less repayments, except in certain months when data for extensions and repayments have been adjusted to eliminate duplication resulting from large transfers of paper. In those months the differences between extensions and repayments for some particular holders do not equal the changes in

their outstanding credit. Such transfers do not affect total instalment credit extended, repaid, or outstanding.

NOTE—Other financial lenders include credit unions and miscellaneous lenders. See also NOTE to preceding table and footnote 1 at bottom of p. A-54.

MARKET GROUPINGS

(1967 = 100)

| Grouping                                    | 1967<br>pro-<br>portion | 1973<br>aver-<br>age <sup>a</sup> | 1972  | 1973  |       |       |       |       |       |       |       |                    |                   |                   |       |  |
|---|-------------------------|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|-------------------|-------------------|-------|--|
|   |                         |                                   | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. <sup>r</sup> | Oct. <sup>r</sup> | Nov. <sup>r</sup> | Dec.  |  |
| Total index.....                            | 100.0                   | 125.6                             | 121.1 | 122.2 | 123.4 | 123.7 | 124.1 | 124.8 | 125.6 | 126.7 | 126.5 | 126.8              | 127.0             | 127.5             | 126.7 |  |
| Products, total.....                        | 62.21                   | 123.4                             | 119.1 | 120.7 | 121.5 | 121.7 | 122.0 | 122.9 | 123.7 | 124.2 | 123.7 | 124.3              | 124.3             | 125.2             | 124.1 |  |
| Final products.....                         | 48.95                   | 121.3                             | 116.8 | 118.6 | 119.3 | 119.6 | 120.0 | 120.8 | 121.3 | 122.1 | 121.4 | 122.4              | 122.7             | 123.5             | 122.2 |  |
| Consumer goods.....                         | 28.53                   | 131.7                             | 127.7 | 129.8 | 130.2 | 130.8 | 130.9 | 131.8 | 131.9 | 132.8 | 131.2 | 132.3              | 132.6             | 133.4             | 130.9 |  |
| Equipment.....                              | 20.42                   | 106.7                             | 101.5 | 102.9 | 104.1 | 104.1 | 104.7 | 105.7 | 106.6 | 107.3 | 107.6 | 108.5              | 108.9             | 109.8             | 109.8 |  |
| Intermediate products.....                  | 13.26                   | 131.1                             | 127.7 | 128.4 | 129.5 | 129.4 | 129.3 | 130.5 | 132.0 | 132.5 | 132.1 | 131.0              | 130.6             | 131.4             | 130.5 |  |
| Materials.....                              | 37.79                   | 129.3                             | 124.4 | 124.5 | 126.7 | 127.0 | 127.7 | 128.3 | 129.0 | 130.9 | 130.9 | 131.3              | 131.1             | 131.7             | 131.0 |  |
| Consumer goods                              |                         |                                   |       |       |       |       |       |       |       |       |       |                    |                   |                   |       |  |
| Durable consumer goods.....                 | 7.86                    | 139.0                             | 135.0 | 136.0 | 137.8 | 140.4 | 140.5 | 141.5 | 141.8 | 142.4 | 134.0 | 138.2              | 137.3             | 139.0             | 134.7 |  |
| Automotive products.....                    | 2.84                    | 136.8                             | 142.9 | 138.6 | 141.7 | 144.1 | 141.7 | 142.6 | 142.6 | 141.7 | 121.1 | 129.8              | 131.4             | 135.1             | 122.2 |  |
| Autos.....                                  | 1.87                    | 125.4                             | 133.9 | 130.2 | 131.5 | 130.8 | 128.1 | 129.8 | 132.6 | 134.0 | 103.9 | 118.4              | 122.5             | 124.8             | 106.2 |  |
| Auto parts and allied goods.....            | .97                     | 158.9                             | 160.0 | 155.0 | 161.4 | 169.9 | 167.5 | 167.0 | 161.9 | 156.7 | 154.2 | 151.8              | 148.4             | 154.4             | 152.8 |  |
| Home goods.....                             | 5.02                    | 140.3                             | 130.5 | 134.5 | 135.8 | 138.3 | 139.8 | 140.9 | 141.3 | 142.9 | 141.1 | 142.9              | 140.9             | 141.2             | 141.8 |  |
| Appliances, TV, and radios.....             | 1.41                    | 144.8                             | 133.3 | 140.7 | 137.8 | 143.0 | 149.7 | 148.0 | 147.2 | 147.8 | 146.3 | 149.4              | 143.4             | 140.4             | 142.1 |  |
| Appliances and A/C.....                     | .92                     | 156.9                             | 151.1 | 153.2 | 153.8 | 156.9 | 157.6 | 157.8 | 154.1 | 156.0 | 153.3 | 159.8              | 159.3             | 154.7             | 157.6 |  |
| TV and home audio.....                      | .49                     | 99.9                              | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9               | 99.9              | 99.9              | 99.9  |  |
| Carpeting and furniture.....                | 1.08                    | 150.0                             | 139.0 | 142.1 | 145.0 | 145.7 | 146.7 | 147.8 | 148.9 | 155.4 | 154.2 | 153.3              | 153.9             | 152.7             | 152.8 |  |
| Misc. home goods.....                       | 2.53                    | 133.6                             | 125.3 | 127.5 | 130.9 | 132.7 | 131.4 | 134.0 | 134.7 | 132.9 | 134.8 | 134.1              | 136.7             | 137.2             |       |  |
| Nondurable consumer goods.....              | 20.67                   | 129.0                             | 125.0 | 127.4 | 127.3 | 127.1 | 127.2 | 128.0 | 128.1 | 129.1 | 130.2 | 130.1              | 130.8             | 131.2             | 129.5 |  |
| Clothing.....                               | 4.32                    | 116.0                             | 112.2 | 115.1 | 115.2 | 115.4 | 114.5 | 114.2 | 116.0 | 116.5 | 117.0 | 118.0              | 116.8             | 117.7             |       |  |
| Consumer staples.....                       | 16.34                   | 132.4                             | 128.4 | 130.7 | 130.5 | 130.3 | 130.6 | 131.7 | 131.4 | 132.5 | 133.6 | 132.3              | 134.5             | 134.8             | 132.7 |  |
| Consumer foods and tobacco.....             | 8.37                    | 122.2                             | 119.1 | 121.1 | 121.5 | 120.9 | 121.0 | 120.9 | 119.6 | 121.3 | 121.9 | 122.2              | 123.3             | 125.5             | 125.3 |  |
| Nonfood staples.....                        | 7.98                    | 143.1                             | 138.1 | 140.9 | 140.0 | 140.1 | 140.7 | 143.1 | 143.7 | 144.1 | 145.8 | 144.8              | 146.2             | 144.5             | 140.6 |  |
| Consumer chemical products.....             | 2.64                    | 153.3                             | 143.9 | 148.8 | 149.9 | 151.1 | 150.5 | 154.9 | 153.5 | 153.0 | 155.6 | 153.4              | 156.2             | 154.9             | 156.6 |  |
| Consumer paper products.....                | 1.91                    | 121.3                             | 119.3 | 119.1 | 119.4 | 118.7 | 119.0 | 121.7 | 121.7 | 122.5 | 124.1 | 124.4              | 122.5             | 123.6             | 120.3 |  |
| Consumer fuel and lighting.....             | 3.43                    | 147.5                             | 144.1 | 147.1 | 144.0 | 143.8 | 144.4 | 145.6 | 148.2 | 149.2 | 150.4 | 149.7              | 151.9             | 148.4             | 139.3 |  |
| Residential utilities.....                  | 2.25                    | 156.8                             | 153.6 | 156.5 | 154.4 | 153.5 | 152.3 | 152.1 | 155.4 | 157.8 | 160.0 | 160.9              | 161.9             | 158.0             | 147.8 |  |
| Equipment                                   |                         |                                   |       |       |       |       |       |       |       |       |       |                    |                   |                   |       |  |
| Business equipment.....                     | 12.74                   | 122.6                             | 114.4 | 116.9 | 118.2 | 118.6 | 119.6 | 121.3 | 122.5 | 123.0 | 124.6 | 125.8              | 126.2             | 127.7             | 127.3 |  |
| Industrial equipment.....                   | 6.77                    | 120.1                             | 111.5 | 113.0 | 114.5 | 115.6 | 117.4 | 119.1 | 119.8 | 120.5 | 122.5 | 124.1              | 124.5             | 125.5             | 125.4 |  |
| Building and mining equip.....              | 1.45                    | 120.4                             | 112.3 | 113.0 | 115.1 | 116.0 | 118.1 | 118.8 | 119.1 | 119.6 | 123.0 | 123.7              | 124.7             | 126.0             | 127.0 |  |
| Manufacturing equipment.....                | 3.85                    | 113.0                             | 102.5 | 104.7 | 106.1 | 107.5 | 109.4 | 112.0 | 113.1 | 113.9 | 115.1 | 117.3              | 117.3             | 118.0             | 118.6 |  |
| Power equipment.....                        | 1.47                    | 138.5                             | 134.1 | 134.6 | 135.5 | 137.1 | 137.6 | 138.2 | 138.3 | 138.5 | 141.0 | 142.3              | 143.0             | 144.6             | 141.3 |  |
| Commercial, transit, farm eq.....           | 5.97                    | 125.5                             | 117.6 | 121.4 | 122.4 | 121.9 | 122.2 | 123.7 | 125.4 | 125.8 | 127.0 | 127.7              | 128.1             | 130.3             | 129.5 |  |
| Commercial equipment.....                   | 3.30                    | 135.0                             | 126.5 | 128.8 | 129.9 | 130.6 | 131.3 | 131.6 | 134.1 | 135.9 | 137.0 | 138.2              | 140.1             | 141.3             | 139.7 |  |
| Transit equipment.....                      | 2.00                    | 109.8                             | 101.7 | 110.0 | 111.8 | 110.2 | 107.5 | 109.8 | 109.7 | 109.0 | 108.4 | 109.6              | 109.8             | 111.4             | 111.5 |  |
| Farm equipment.....                         | .67                     | 125.1                             | 120.0 | 118.3 | 117.6 | 114.6 | 120.9 | 126.5 | 129.3 | 126.4 | 132.8 | 129.4              | 123.5             | 132.4             | 133.4 |  |
| Defense and space equipment.....            | 7.68                    | 80.2                              | 80.1  | 79.8  | 80.6  | 80.1  | 80.0  | 79.7  | 80.1  | 81.1  | 79.7  | 79.8               | 80.0              | 80.0              | 80.9  |  |
| Military products.....                      | 5.15                    | 80.3                              | 81.8  | 81.0  | 82.0  | 81.5  | 81.0  | 80.1  | 80.0  | 81.1  | 79.0  | 79.1               | 79.3              | 78.6              | 79.8  |  |
| Intermediate products                       |                         |                                   |       |       |       |       |       |       |       |       |       |                    |                   |                   |       |  |
| Construction products.....                  | 5.93                    | 134.2                             | 128.7 | 129.6 | 130.3 | 130.7 | 132.2 | 132.2 | 135.9 | 134.5 | 135.3 | 134.9              | 134.3             | 135.4             | 134.9 |  |
| Misc. intermediate products.....            | 7.34                    | 128.6                             | 126.9 | 127.4 | 128.9 | 128.3 | 127.0 | 129.2 | 128.9 | 132.7 | 129.6 | 128.1              | 127.5             | 128.1             | 126.9 |  |
| Materials                                   |                         |                                   |       |       |       |       |       |       |       |       |       |                    |                   |                   |       |  |
| Durable goods materials.....                | 20.91                   | 130.1                             | 123.5 | 124.1 | 126.6 | 127.6 | 127.9 | 128.6 | 129.2 | 131.7 | 131.8 | 132.3              | 132.2             | 133.6             | 133.8 |  |
| Consumer durable parts.....                 | 4.75                    | 127.8                             | 123.6 | 123.9 | 125.4 | 125.9 | 129.0 | 125.7 | 128.8 | 126.9 | 128.6 | 129.9              | 128.2             | 129.0             | 122.5 |  |
| Equipment parts.....                        | 5.41                    | 119.3                             | 112.0 | 111.6 | 113.0 | 114.6 | 113.8 | 118.0 | 118.2 | 124.5 | 122.3 | 122.1              | 122.7             | 125.9             | 127.3 |  |
| Durable materials nec.....                  | 10.75                   | 136.5                             | 129.2 | 130.6 | 134.2 | 134.9 | 134.7 | 135.3 | 134.9 | 137.6 | 138.0 | 138.7              | 139.0             | 139.5             | 142.1 |  |
| Nondurable goods materials.....             | 13.99                   | 129.1                             | 126.4 | 126.3 | 127.7 | 127.1 | 128.5 | 128.9 | 129.4 | 130.4 | 130.6 | 130.3              | 130.1             | 130.2             | 128.9 |  |
| Textile, paper, and chem. mat.....          | 8.58                    | 139.8                             | 136.0 | 136.0 | 136.5 | 136.3 | 138.8 | 139.4 | 140.2 | 142.2 | 142.4 | 141.9              | 141.4             | 141.9             | 139.3 |  |
| Nondurable materials n.e.c.....             | 5.41                    | 112.2                             | 111.4 | 110.9 | 113.9 | 112.7 | 112.2 | 112.3 | 112.3 | 112.1 | 111.7 | 112.0              | 112.3             | 111.6             | 112.4 |  |
| Fuel and power, industrial.....             | 2.89                    | 123.9                             | 119.5 | 120.6 | 122.7 | 122.6 | 122.1 | 122.9 | 125.3 | 126.9 | 126.3 | 128.3              | 126.9             | 124.7             | 123.0 |  |
| Supplementary groups                        |                         |                                   |       |       |       |       |       |       |       |       |       |                    |                   |                   |       |  |
| Home goods and clothing.....                | 9.34                    | 129.0                             | 122.0 | 125.5 | 126.3 | 127.6 | 128.1 | 128.6 | 129.7 | 130.7 | 130.0 | 131.3              | 129.8             | 130.3             | 130.7 |  |
| Containers.....                             | 1.82                    | 139.9                             | 135.0 | 137.1 | 138.8 | 145.2 | 139.1 | 138.0 | 141.4 | 135.1 | 140.5 | 139.8              | 141.2             | 142.0             | 141.0 |  |
| Gross value of products in market structure |                         |                                   |       |       |       |       |       |       |       |       |       |                    |                   |                   |       |  |
| (In billions of 1963 dollars)               |                         |                                   |       |       |       |       |       |       |       |       |       |                    |                   |                   |       |  |
| Products, total.....                        |                         |                                   | 437.3 | 442.8 | 445.7 | 446.9 | 446.2 | 449.7 | 451.8 | 452.9 | 446.2 | 449.8              | 452.6             | 455.7             | 450.6 |  |
| Final products.....                         |                         |                                   | 336.3 | 340.5 | 342.7 | 343.9 | 343.7 | 346.6 | 347.8 | 347.7 | 341.9 | 346.3              | 349.7             | 352.4             | 346.9 |  |
| Consumer goods.....                         |                         |                                   | 235.9 | 237.6 | 238.2 | 239.5 | 238.9 | 241.1 | 241.3 | 241.0 | 235.4 | 239.0              | 241.7             | 243.5             | 237.9 |  |
| Equipment.....                              |                         |                                   | 100.6 | 103.0 | 104.6 | 104.5 | 104.8 | 105.6 | 106.6 | 106.6 | 106.6 | 107.3              | 108.0             | 109.2             | 108.9 |  |
| Intermediate products.....                  |                         |                                   | 101.3 | 102.2 | 103.0 | 102.7 | 102.3 | 103.1 | 104.3 | 104.8 | 104.6 | 103.5              | 103.1             | 103.7             | 103.6 |  |

For NOTE see p. A-61.

INDUSTRY GROUPINGS

(1967 = 100)

| Grouping                                      | 1967<br>pro-<br>por-<br>tion | 1973<br>aver-<br>age # | 1973  |       |       |       |       |       |       |       |       |       |       |       |       |
|---|------------------------------|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|   |                              |                        | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  |
| <b>Manufacturing</b> .....                    | 88.55                        | 125.2                  | 120.4 | 121.4 | 122.7 | 123.4 | 123.8 | 124.9 | 125.6 | 126.5 | 126.1 | 126.3 | 126.4 | 127.4 | 126.8 |
| Durable.....                                  | 52.33                        | 122.1                  | 116.3 | 117.5 | 118.7 | 119.9 | 120.6 | 121.8 | 123.0 | 123.8 | 122.6 | 123.3 | 123.5 | 124.8 | 123.9 |
| Nondurable.....                               | 36.22                        | 129.6                  | 126.2 | 127.0 | 128.4 | 128.6 | 128.4 | 129.3 | 129.3 | 130.5 | 130.9 | 130.7 | 130.4 | 131.3 | 131.0 |
| Mining and utilities.....                     | 11.45                        | 128.9                  | 126.1 | 127.3 | 128.0 | 127.3 | 126.6 | 127.0 | 128.2 | 130.4 | 130.7 | 131.3 | 131.5 | 130.3 | 125.9 |
| Mining.....                                   | 6.37                         | 110.2                  | 108.2 | 108.5 | 110.2 | 109.5 | 109.0 | 109.1 | 109.5 | 111.0 | 111.5 | 111.8 | 111.9 | 111.4 | 110.0 |
| Utilities.....                                | 5.08                         | 152.3                  | 148.5 | 151.0 | 150.5 | 149.6 | 148.7 | 149.5 | 151.5 | 154.8 | 154.8 | 155.8 | 156.2 | 153.7 | 146.0 |
| <b>Durable manufactures</b>                   |                              |                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| <i>Primary and fabricated metals</i> .....    | 12.55                        | 128.8                  | 124.0 | 124.3 | 125.4 | 125.8 | 127.3 | 128.1 | 128.7 | 130.6 | 129.5 | 129.5 | 130.6 | 133.4 | 132.8 |
| Primary metals.....                           | 6.61                         | 127.1                  | 125.4 | 123.1 | 124.7 | 123.5 | 125.8 | 126.1 | 124.5 | 128.1 | 125.6 | 127.8 | 128.7 | 133.4 | 133.0 |
| Iron and steel, subtotal.....                 | 4.23                         | 121.6                  | 120.0 | 118.6 | 120.0 | 117.5 | 119.7 | 119.8 | 119.9 | 120.9 | 118.5 | 122.7 | 123.6 | 129.6 | 129.1 |
| Fabricated metal products.....                | 5.94                         | 130.7                  | 122.3 | 125.7 | 126.2 | 128.4 | 128.9 | 130.3 | 133.4 | 133.5 | 133.8 | 131.5 | 132.4 | 133.5 | 132.4 |
| <i>Machinery and allied goods</i> .....       | 32.44                        | 117.3                  | 111.2 | 112.5 | 113.7 | 115.1 | 115.7 | 117.3 | 118.8 | 119.3 | 117.7 | 118.9 | 118.9 | 119.4 | 118.3 |
| Machinery.....                                | 17.39                        | 125.9                  | 116.8 | 118.4 | 119.1 | 121.4 | 122.6 | 124.7 | 126.9 | 127.6 | 128.5 | 130.0 | 129.2 | 130.5 | 130.8 |
| Nonelectrical machinery.....                  | 9.17                         | 125.1                  | 114.4 | 116.3 | 117.3 | 119.0 | 121.5 | 124.0 | 126.1 | 127.1 | 128.9 | 130.0 | 130.0 | 130.4 | 130.6 |
| Electrical machinery.....                     | 8.22                         | 126.8                  | 119.6 | 120.8 | 121.2 | 123.9 | 123.8 | 125.4 | 127.8 | 128.0 | 128.2 | 129.8 | 128.5 | 130.8 | 130.9 |
| Transportation equipment.....                 | 9.29                         | 109.2                  | 106.6 | 107.6 | 110.0 | 110.3 | 110.0 | 111.0 | 112.2 | 112.1 | 105.7 | 107.3 | 108.8 | 108.3 | 103.1 |
| Motor vehicles and parts.....                 | 4.56                         | 138.1                  | 135.9 | 139.3 | 141.5 | 141.0 | 140.1 | 140.9 | 143.3 | 144.1 | 131.0 | 133.9 | 136.4 | 134.8 | 122.9 |
| Aerospace and misc. trans. eq.....            | 4.73                         | 81.4                   | 78.3  | 77.1  | 79.7  | 80.8  | 81.1  | 82.2  | 82.2  | 81.3  | 81.3  | 81.7  | 82.3  | 82.9  | 84.1  |
| Instruments.....                              | 2.07                         | 138.4                  | 126.6 | 130.1 | 131.9 | 133.8 | 134.7 | 138.9 | 140.2 | 140.8 | 140.9 | 141.5 | 141.0 | 142.9 | 143.6 |
| Ordinance, private and Govt.....              | 3.69                         | 85.4                   | 87.8  | 87.0  | 87.6  | 87.1  | 86.4  | 85.4  | 86.7  | 86.7  | 83.8  | 83.7  | 83.8  | 82.3  | 83.9  |
| <i>Lumber, clay, and glass</i> .....          | 4.44                         | 129.5                  | 123.7 | 126.4 | 127.3 | 129.1 | 129.9 | 130.3 | 129.2 | 129.8 | 129.2 | 128.8 | 129.7 | 131.4 | 130.9 |
| Lumber and products.....                      | 1.65                         | 128.9                  | 122.7 | 125.8 | 128.5 | 129.5 | 129.1 | 127.5 | 126.6 | 125.4 | 128.4 | 128.9 | 127.4 | 133.2 | 133.7 |
| Clay, glass, and stone products.....          | 2.79                         | 129.9                  | 124.3 | 126.8 | 126.6 | 128.9 | 130.4 | 132.0 | 130.5 | 132.3 | 129.6 | 128.8 | 131.2 | 130.4 | 129.4 |
| <i>Furniture and miscellaneous</i> .....      | 2.90                         | 135.2                  | 127.7 | 130.3 | 132.8 | 133.4 | 133.1 | 136.0 | 135.4 | 135.9 | 137.5 | 138.2 | 136.1 | 135.5 | 136.0 |
| Furniture and fixtures.....                   | 1.38                         | 126.3                  | 120.3 | 119.1 | 122.3 | 122.8 | 123.8 | 126.5 | 126.5 | 127.5 | 129.5 | 130.4 | 128.8 | 127.9 | 127.6 |
| Miscellaneous manufactures.....               | 1.52                         | 143.3                  | 134.5 | 140.5 | 142.4 | 143.0 | 141.6 | 144.5 | 143.6 | 143.5 | 144.9 | 145.3 | 142.9 | 142.4 | 143.6 |
| <b>Nondurable manufactures</b>                |                              |                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| <i>Textiles, apparel, and leather</i> .....   | 6.90                         | 114.7                  | 113.2 | 113.4 | 114.4 | 114.6 | 114.0 | 113.3 | 115.0 | 114.5 | 115.4 | 117.5 | 116.8 | 116.5 | 117.5 |
| Textile mill products.....                    | 2.69                         | 127.1                  | 124.2 | 125.3 | 126.1 | 127.1 | 126.1 | 127.2 | 129.2 | 128.9 | 129.0 | 130.2 | 130.2 | 129.7 | 130.0 |
| Apparel products.....                         | 3.33                         | 112.9                  | 111.1 | 112.3 | 112.6 | 112.4 | 111.7 | 110.0 | 111.0 | 112.1 | 113.6 | 115.4 | 114.9 | 114.9 | ..... |
| Leather and products.....                     | .88                          | 83.6                   | 87.4  | 81.3  | 85.1  | 85.0  | 86.8  | 83.0  | 86.6  | 79.2  | 81.0  | 86.4  | 83.1  | 82.7  | 82.4  |
| <i>Paper and printing</i> .....               | 7.92                         | 122.1                  | 120.3 | 120.0 | 121.5 | 122.4 | 120.8 | 122.0 | 122.8 | 123.8 | 124.5 | 122.1 | 121.3 | 121.9 | 120.5 |
| Paper and products.....                       | 3.18                         | 135.4                  | 133.6 | 131.8 | 134.1 | 137.1 | 133.6 | 135.1 | 134.6 | 135.3 | 137.0 | 134.8 | 135.3 | 136.2 | 134.9 |
| Printing and publishing.....                  | 4.74                         | 113.2                  | 111.3 | 112.1 | 113.0 | 112.4 | 112.2 | 113.2 | 114.8 | 116.0 | 116.2 | 113.6 | 112.1 | 112.3 | 110.8 |
| <i>Chemicals, petroleum, and rubber</i> ..... | 11.92                        | 149.3                  | 143.8 | 145.5 | 146.3 | 146.3 | 147.9 | 150.2 | 149.8 | 151.8 | 151.0 | 150.9 | 151.1 | 151.2 | 151.4 |
| Chemicals and products.....                   | 7.86                         | 150.1                  | 144.7 | 146.4 | 147.2 | 146.8 | 147.8 | 150.2 | 150.4 | 152.0 | 151.4 | 153.0 | 152.7 | 152.0 | 153.7 |
| Petroleum products.....                       | 1.80                         | 127.4                  | 125.5 | 127.3 | 124.1 | 123.5 | 126.9 | 128.5 | 129.7 | 129.3 | 128.2 | 126.0 | 130.4 | 129.5 | 125.8 |
| Rubber and plastics products.....             | 2.26                         | 164.0                  | 154.7 | 157.1 | 160.4 | 163.4 | 165.1 | 166.8 | 163.9 | 168.8 | 167.9 | 163.6 | 161.9 | 165.6 | 163.7 |
| <i>Foods and tobacco</i> .....                | 9.48                         | 121.9                  | 118.5 | 119.6 | 122.0 | 121.5 | 120.7 | 121.5 | 119.5 | 121.3 | 122.0 | 122.2 | 121.7 | 124.6 | 123.9 |
| Foods.....                                    | 8.81                         | 122.7                  | 119.7 | 120.5 | 122.9 | 121.8 | 121.3 | 122.4 | 120.3 | 122.4 | 122.9 | 123.2 | 122.4 | 125.3 | 124.4 |
| Tobacco products.....                         | .67                          | 111.6                  | 102.5 | 107.9 | 110.3 | 118.1 | 112.9 | 111.2 | 108.1 | 105.3 | 110.1 | 109.1 | 113.7 | 115.8 | ..... |
| <b>Mining</b>                                 |                              |                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| <i>Metal, stone, and earth minerals</i> ..... | 1.26                         | 118.1                  | 113.7 | 116.4 | 117.6 | 117.0 | 116.8 | 116.2 | 111.8 | 116.9 | 120.6 | 120.4 | 120.9 | 121.3 | 122.0 |
| Metal mining.....                             | .51                          | 130.8                  | 128.1 | 130.3 | 131.9 | 127.8 | 128.5 | 127.0 | 121.6 | 128.4 | 131.4 | 136.6 | 138.3 | 135.2 | 135.2 |
| Stone and earth minerals.....                 | .75                          | 109.5                  | 104.0 | 106.9 | 107.8 | 109.4 | 108.8 | 108.8 | 105.2 | 109.1 | 113.1 | 109.5 | 109.2 | 111.7 | 113.1 |
| <i>Coal, oil, and gas</i> .....               | 5.11                         | 108.3                  | 105.8 | 106.5 | 108.4 | 107.6 | 107.1 | 107.3 | 108.9 | 109.5 | 109.2 | 109.5 | 109.7 | 109.0 | 106.9 |
| Coal.....                                     | 4.69                         | 103.6                  | 98.6  | 99.1  | 103.9 | 105.7 | 99.9  | 100.9 | 108.0 | 109.0 | 104.0 | 109.8 | 103.0 | 104.1 | 99.7  |
| Oil and gas extraction.....                   | 4.42                         | 109.0                  | 108.2 | 107.7 | 109.1 | 107.9 | 108.3 | 108.4 | 109.1 | 109.5 | 110.0 | 109.7 | 110.8 | 109.8 | 108.0 |
| <b>Utilities</b>                              |                              |                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Electric.....                                 | 3.91                         | 160.7                  | 155.6 | 159.1 | 158.3 | 157.4 | 156.2 | 156.8 | 159.7 | 164.0 | 163.8 | 165.1 | 165.3 | 162.2 | 153.5 |
| Gas.....                                      | 1.17                         | 124.2                  | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

For NOTE see p. A-61.

MARKET GROUPINGS

(1967 = 100)

| Grouping                       | 1967<br>pro-<br>portion | 1973<br>aver-<br>age <sup>a</sup> | 1973         |              |              |              |              |              |              |              |              |                    |                   |                   |              |
|--------------------------------|-------------------------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------|-------------------|-------------------|--------------|
|                                |                         |                                   | Dec.         | Jan.         | Feb.         | Mar.         | Apr.         | May          | June         | July         | Aug.         | Sept. <sup>b</sup> | Oct. <sup>b</sup> | Nov. <sup>b</sup> | Dec.         |
| Total index                    | 100.0                   | 125.6                             | 117.3        | 118.9        | 123.6        | 124.6        | 124.5        | 125.6        | 128.9        | 122.4        | 126.7        | 131.0              | 130.4             | 128.1             | 122.5        |
| <b>Products, total</b>         | <b>62.21</b>            | <b>123.4</b>                      | <b>114.2</b> | <b>116.6</b> | <b>120.6</b> | <b>121.8</b> | <b>121.2</b> | <b>122.4</b> | <b>127.3</b> | <b>121.6</b> | <b>125.1</b> | <b>130.6</b>       | <b>129.1</b>      | <b>125.7</b>      | <b>118.6</b> |
| Final products                 | 48.95                   | 121.3                             | 112.0        | 115.3        | 119.1        | 120.0        | 118.9        | 120.0        | 125.1        | 118.9        | 122.2        | 128.6              | 127.2             | 123.6             | 116.3        |
| Consumer goods                 | 28.53                   | 131.7                             | 120.2        | 125.3        | 129.2        | 130.8        | 129.2        | 130.3        | 136.4        | 128.6        | 134.1        | 141.8              | 139.2             | 133.3             | 122.2        |
| Equipment                      | 20.42                   | 106.7                             | 100.5        | 101.4        | 104.9        | 105.0        | 104.6        | 105.5        | 109.2        | 105.2        | 105.7        | 110.3              | 110.3             | 109.9             | 108.2        |
| Intermediate products          | 13.26                   | 131.1                             | 122.2        | 121.2        | 126.1        | 128.5        | 129.6        | 131.4        | 135.2        | 131.8        | 135.5        | 137.6              | 136.2             | 133.3             | 127.0        |
| <b>Materials</b>               | <b>37.9</b>             | <b>129.3</b>                      | <b>122.5</b> | <b>122.8</b> | <b>128.6</b> | <b>129.2</b> | <b>129.9</b> | <b>130.9</b> | <b>131.4</b> | <b>123.7</b> | <b>129.2</b> | <b>131.8</b>       | <b>132.5</b>      | <b>132.1</b>      | <b>129.0</b> |
| <b>Consumer goods</b>          |                         |                                   |              |              |              |              |              |              |              |              |              |                    |                   |                   |              |
| Durable consumer goods         | 7.86                    | 139.0                             | 125.1        | 133.3        | 140.6        | 143.5        | 141.3        | 142.7        | 147.5        | 129.2        | 126.9        | 146.2              | 149.6             | 144.2             | 123.6        |
| Automotive products            | 2.84                    | 136.8                             | 123.9        | 138.5        | 149.1        | 151.5        | 147.6        | 147.4        | 154.4        | 124.3        | 100.5        | 136.6              | 146.6             | 141.4             | 104.2        |
| Autos                          | 1.87                    | 125.4                             | 109.8        | 134.8        | 144.6        | 143.9        | 135.8        | 138.2        | 148.5        | 108.5        | 69.1         | 121.9              | 140.3             | 135.4             | 83.4         |
| Auto parts and allied goods    | .97                     | 158.9                             | 150.9        | 145.7        | 157.7        | 166.0        | 170.2        | 165.0        | 165.8        | 154.5        | 160.8        | 164.9              | 158.6             | 152.9             | 144.1        |
| Home goods                     | 5.02                    | 140.3                             | 125.8        | 130.3        | 135.8        | 138.9        | 137.7        | 140.1        | 143.6        | 132.0        | 141.8        | 151.7              | 151.3             | 145.8             | 134.4        |
| Appliances, TV, and home audio | 1.41                    | 144.8                             | 122.0        | 139.7        | 142.6        | 149.0        | 148.5        | 148.5        | 146.8        | 130.1        | 135.0        | 161.6              | 165.5             | 149.6             | 121.1        |
| Appliances and A/C             | .92                     | 156.9                             | 134.6        | 153.7        | 157.0        | 166.2        | 165.6        | 166.1        | 162.7        | 150.5        | 134.1        | 168.7              | 176.5             | 155.6             | 125.9        |
| TV and home audio              | .49                     |                                   | 98.4         |              |              |              |              |              |              |              |              |                    |                   |                   |              |
| Carpeting and furniture        | 1.08                    | 150.0                             | 140.0        | 141.0        | 150.2        | 149.1        | 146.1        | 146.3        | 151.1        | 134.4        | 156.5        | 159.1              | 156.2             | 156.2             | 153.9        |
| Misc. home goods               | 2.53                    | 133.6                             | 121.9        | 120.4        | 125.9        | 129.0        | 128.2        | 132.7        | 138.6        | 132.1        | 139.3        | 143.0              | 141.2             | 139.3             | 133.5        |
| Nondurable consumer goods      | 20.67                   | 129.0                             | 118.4        | 122.2        | 124.9        | 126.0        | 124.6        | 125.6        | 132.2        | 128.4        | 136.8        | 140.1              | 135.2             | 129.2             | 121.7        |
| Clothing                       | 4.32                    | 116.0                             | 103.0        | 105.9        | 116.6        | 120.0        | 119.3        | 115.3        | 122.4        | 104.3        | 121.7        | 124.3              | 121.5             | 115.3             |              |
| Consumer staples               | 16.34                   | 132.4                             | 122.5        | 126.5        | 127.1        | 127.6        | 126.0        | 128.3        | 134.8        | 134.8        | 140.8        | 144.3              | 138.8             | 132.9             | 126.6        |
| Consumer foods and tobacco     | 8.37                    | 122.2                             | 111.6        | 113.8        | 117.0        | 118.4        | 117.8        | 120.7        | 123.8        | 120.2        | 128.0        | 133.2              | 130.0             | 125.8             | 117.4        |
| Nonfood staples                | 7.98                    | 143.1                             | 134.0        | 139.9        | 137.8        | 137.2        | 134.7        | 136.2        | 146.3        | 150.1        | 154.3        | 156.0              | 148.0             | 140.5             | 136.2        |
| Consumer chemical products     | 2.64                    | 153.3                             | 133.8        | 139.9        | 140.2        | 147.3        | 146.9        | 154.0        | 164.2        | 157.6        | 157.5        | 166.4              | 164.9             | 154.7             | 145.6        |
| Consumer paper products        | 1.91                    | 121.3                             | 113.2        | 112.4        | 116.2        | 115.5        | 117.8        | 117.0        | 125.1        | 123.1        | 133.2        | 132.1              | 126.5             | 122.7             | 114.2        |
| Consumer fuel and lighting     | 3.43                    | 147.5                             | 145.8        | 155.3        | 148.0        | 141.6        | 134.6        | 133.2        | 144.4        | 159.5        | 163.6        | 161.4              | 147.0             | 139.5             | 141.3        |
| Residential utilities          | 2.25                    | 156.8                             | 154.5        | 168.5        | 160.1        | 151.8        | 140.4        | 135.5        | 148.7        | 177.3        | 178.9        | 177.5              | 154.9             | 144.4             | 148.7        |
| <b>Equipment</b>               |                         |                                   |              |              |              |              |              |              |              |              |              |                    |                   |                   |              |
| Business equipment             | 12.74                   | 122.6                             | 112.0        | 114.4        | 119.6        | 119.8        | 119.7        | 121.1        | 126.4        | 120.3        | 121.9        | 128.6              | 128.5             | 127.5             | 123.8        |
| Industrial equipment           | 6.77                    | 120.1                             | 110.6        | 111.6        | 116.4        | 116.8        | 116.8        | 117.9        | 122.6        | 117.4        | 121.0        | 126.1              | 126.0             | 125.3             | 123.5        |
| Building and mining equip.     | 1.45                    | 120.4                             | 114.3        | 112.0        | 118.6        | 117.2        | 115.7        | 115.6        | 120.2        | 115.9        | 119.3        | 128.3              | 126.7             | 127.0             | 128.3        |
| Manufacturing equipment        | 3.85                    | 113.0                             | 101.7        | 103.4        | 108.9        | 109.6        | 109.3        | 111.4        | 118.6        | 108.8        | 115.7        | 118.6              | 118.5             | 119.0             | 116.5        |
| Power equipment                | 1.47                    | 138.5                             | 130.2        | 132.7        | 133.9        | 135.3        | 137.3        | 137.1        | 141.8        | 141.3        | 136.7        | 143.7              | 145.1             | 140.1             | 137.2        |
| Commercial, transit, farm eq.  | 5.97                    | 125.5                             | 113.6        | 117.6        | 123.3        | 123.2        | 122.9        | 124.7        | 130.7        | 123.5        | 122.9        | 131.5              | 131.3             | 130.0             | 124.1        |
| Commercial equipment           | 3.30                    | 135.0                             | 122.3        | 123.0        | 127.8        | 126.9        | 129.1        | 131.6        | 140.1        | 139.3        | 140.4        | 144.7              | 141.8             | 140.6             | 135.1        |
| Transit equipment              | 2.00                    | 109.8                             | 99.2         | 108.1        | 114.8        | 114.9        | 110.8        | 112.0        | 113.8        | 102.6        | 96.8         | 108.0              | 115.5             | 114.4             | 105.4        |
| Farm equipment                 | .67                     | 125.1                             | 113.2        | 118.9        | 126.2        | 129.7        | 128.2        | 128.6        | 134.9        | 108.2        | 113.9        | 136.3              | 126.5             | 124.1             | 125.8        |
| Defense and space equipment    | 7.68                    | 80.2                              | 81.5         | 79.8         | 80.5         | 80.4         | 79.5         | 79.6         | 80.7         | 80.0         | 78.8         | 79.9               | 80.1              | 80.6              | 82.4         |
| Military products              | 5.15                    | 80.3                              | 82.4         | 81.2         | 81.9         | 81.8         | 80.8         | 80.3         | 81.3         | 80.5         | 78.4         | 79.0               | 79.0              | 78.8              | 80.4         |
| <b>Intermediate products</b>   |                         |                                   |              |              |              |              |              |              |              |              |              |                    |                   |                   |              |
| Construction products          | 5.93                    | 134.2                             | 121.9        | 120.5        | 128.0        | 131.9        | 135.0        | 136.4        | 140.7        | 131.6        | 136.0        | 139.8              | 140.1             | 138.1             | 132.6        |
| Misc. intermediate products    | 7.34                    | 128.6                             | 122.5        | 121.7        | 124.5        | 125.7        | 125.2        | 127.4        | 130.7        | 131.9        | 135.0        | 135.9              | 133.0             | 129.5             | 122.5        |
| <b>Materials</b>               |                         |                                   |              |              |              |              |              |              |              |              |              |                    |                   |                   |              |
| Durable goods materials        | 20.91                   | 130.1                             | 121.8        | 121.6        | 128.8        | 130.7        | 131.2        | 132.2        | 132.8        | 124.4        | 128.9        | 133.4              | 132.9             | 133.1             | 131.0        |
| Consumer durable parts         | 4.75                    | 127.8                             | 126.8        | 126.8        | 129.3        | 129.4        | 130.0        | 128.8        | 130.5        | 120.4        | 122.9        | 128.7              | 129.9             | 130.7             | 125.7        |
| Equipment parts                | 5.41                    | 119.3                             | 111.0        | 110.8        | 114.7        | 117.5        | 117.4        | 118.7        | 120.7        | 116.3        | 119.4        | 123.3              | 122.3             | 124.8             | 126.2        |
| Durable materials n.e.c.       | 10.75                   | 136.5                             | 125.1        | 124.7        | 135.7        | 137.9        | 138.7        | 140.6        | 139.9        | 130.3        | 136.3        | 140.6              | 139.6             | 138.4             | 135.8        |
| Nondurable goods materials     | 13.99                   | 129.1                             | 123.9        | 124.5        | 129.2        | 128.2        | 129.4        | 130.7        | 130.8        | 123.4        | 130.1        | 130.4              | 133.1             | 131.9             | 127.6        |
| Textile, paper, and chem. mat. | 8.58                    | 139.8                             | 131.8        | 133.7        | 139.6        | 139.0        | 140.9        | 142.2        | 142.2        | 132.1        | 141.3        | 141.8              | 144.4             | 143.5             | 137.2        |
| Nondurable materials n.e.c.    | 5.41                    | 112.2                             | 111.4        | 110.0        | 112.8        | 111.2        | 111.1        | 112.6        | 112.7        | 109.7        | 112.4        | 112.4              | 115.3             | 113.5             | 112.4        |
| Fuel and power, industrial     | 2.89                    | 123.9                             | 120.3        | 122.6        | 124.5        | 123.2        | 122.3        | 122.7        | 123.9        | 119.9        | 126.6        | 127.3              | 127.2             | 125.6             | 121.3        |
| <b>Supplementary groups</b>    |                         |                                   |              |              |              |              |              |              |              |              |              |                    |                   |                   |              |
| Home goods and clothing        | 9.34                    | 129.0                             | 115.3        | 119.0        | 126.9        | 130.2        | 129.2        | 128.6        | 133.8        | 119.2        | 132.5        | 139.1              | 137.5             | 131.7             | 119.9        |
| Containers                     | 1.82                    | 139.9                             | 125.0        | 129.4        | 140.5        | 142.6        | 139.4        | 140.9        | 145.8        | 131.2        | 144.6        | 142.9              | 149.8             | 141.1             | 130.6        |

For NOTE see p. A-61.

## INDUSTRY GROUPINGS

(1967 = 100)

| Grouping                                      | 1967<br>pro-<br>por-<br>tion | 1973<br>aver-<br>age <sup>a</sup> | 1972  | 1973  |       |       |       |       |       |       |       |       |       |                   |                   |
|---|------------------------------|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|-------------------|
|   |                              |                                   |       | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct. <sup>b</sup> | Nov. <sup>b</sup> |
| <b>Manufacturing, total</b> .....             | 88.55                        | 125.2                             | 116.3 | 117.6 | 123.2 | 124.6 | 124.7 | 125.8 | 128.9 | 121.1 | 125.3 | 130.2 | 130.2 | 128.1             | 122.4             |
| Durable.....                                  | 52.33                        | 122.1                             | 113.3 | 114.9 | 121.0 | 122.5 | 122.4 | 123.2 | 125.8 | 117.9 | 119.3 | 125.9 | 126.3 | 125.2             | 120.6             |
| Nondurable.....                               | 36.22                        | 129.6                             | 120.6 | 121.5 | 126.3 | 127.7 | 128.0 | 129.5 | 133.3 | 125.6 | 133.9 | 136.4 | 135.9 | 132.3             | 124.9             |
| <b>Mining and utilities</b> .....             | 11.45                        | 128.9                             | 125.2 | 128.6 | 127.5 | 125.0 | 122.7 | 123.6 | 128.2 | 133.0 | 137.2 | 137.1 | 131.2 | 127.4             | 125.0             |
| Mining.....                                   | 6.37                         | 110.2                             | 109.2 | 107.0 | 109.2 | 107.6 | 108.5 | 110.7 | 110.9 | 108.3 | 112.3 | 112.5 | 112.9 | 112.0             | 110.8             |
| Utilities.....                                | 5.08                         | 152.3                             | 145.4 | 155.7 | 150.6 | 146.8 | 140.5 | 139.9 | 149.9 | 164.1 | 168.4 | 168.0 | 154.3 | 146.7             | 142.9             |
| <b>Durable manufactures</b>                   |                              |                                   |       |       |       |       |       |       |       |       |       |       |       |                   |                   |
| <b>Primary and fabricated metals</b> .....    | 12.55                        | 128.8                             | 120.5 | 120.4 | 130.0 | 132.1 | 131.7 | 131.2 | 130.5 | 121.6 | 125.5 | 131.3 | 130.3 | 131.0             | 130.2             |
| Primary metals.....                           | 6.61                         | 127.1                             | 118.9 | 118.5 | 131.3 | 133.8 | 133.9 | 131.7 | 127.7 | 116.4 | 121.6 | 129.5 | 125.9 | 127.1             | 128.3             |
| Iron and steel, subtotal.....                 | 4.23                         | 121.6                             | 114.2 | 112.3 | 125.8 | 128.3 | 128.5 | 125.8 | 121.1 | 112.7 | 117.1 | 125.6 | 118.4 | 120.5             | 122.9             |
| Fabricated metal products.....                | 5.94                         | 130.7                             | 122.3 | 122.6 | 128.5 | 130.1 | 129.3 | 130.7 | 133.7 | 127.5 | 129.8 | 133.3 | 135.3 | 135.4             | 132.4             |
| Nonelectrical machinery.....                  | 32.44                        | 117.3                             | 109.0 | 111.8 | 116.0 | 117.1 | 116.7 | 117.9 | 121.7 | 114.1 | 113.0 | 121.2 | 122.1 | 120.7             | 115.1             |
| Machinery.....                                | 17.39                        | 125.9                             | 114.6 | 116.9 | 121.8 | 123.3 | 123.5 | 124.9 | 129.4 | 122.2 | 125.8 | 133.0 | 132.0 | 130.4             | 126.8             |
| Electrical machinery.....                     | 9.17                         | 125.1                             | 112.5 | 114.0 | 121.2 | 122.2 | 122.3 | 124.0 | 129.6 | 122.9 | 126.3 | 132.2 | 129.6 | 129.2             | 127.1             |
| Transportation equipment.....                 | 8.22                         | 126.8                             | 117.0 | 120.2 | 122.4 | 124.5 | 124.8 | 125.9 | 129.2 | 121.4 | 125.2 | 134.0 | 134.8 | 131.8             | 126.4             |
| Motor vehicles and parts.....                 | 9.29                         | 109.2                             | 103.2 | 108.7 | 113.5 | 114.0 | 112.8 | 113.4 | 116.3 | 104.0 | 94.0  | 108.3 | 113.7 | 112.3             | 99.3              |
| Aerospace and misc. trans. eq.....            | 4.56                         | 138.1                             | 129.2 | 142.6 | 148.6 | 147.3 | 144.9 | 145.6 | 151.2 | 129.0 | 108.5 | 135.2 | 145.8 | 142.6             | 115.4             |
| Instruments.....                              | 2.07                         | 138.4                             | 125.3 | 126.3 | 128.1 | 131.5 | 130.5 | 137.5 | 143.1 | 140.8 | 143.9 | 147.4 | 145.4 | 144.5             | 142.2             |
| Ordnance, private and Govt.....               | 3.69                         | 85.4                              | 88.2  | 87.5  | 87.9  | 87.8  | 86.4  | 85.6  | 87.1  | 86.0  | 82.8  | 83.4  | 83.2  | 82.4              | 84.3              |
| <b>Lumber, clay, and glass</b> .....          | 4.44                         | 129.5                             | 115.4 | 115.3 | 123.2 | 127.2 | 130.9 | 132.8 | 135.1 | 128.9 | 134.9 | 134.5 | 136.1 | 131.5             | 123.6             |
| Lumber and products.....                      | 1.65                         | 128.9                             | 111.9 | 115.6 | 128.4 | 130.5 | 131.3 | 128.6 | 132.3 | 123.3 | 132.8 | 134.4 | 133.1 | 131.1             | 125.7             |
| Clay, glass, and stone products.....          | 2.79                         | 129.9                             | 117.5 | 115.1 | 120.1 | 125.3 | 130.7 | 135.3 | 136.8 | 132.3 | 136.2 | 134.6 | 137.8 | 131.7             | 122.3             |
| <b>Furniture and miscellaneous</b> .....      | 2.90                         | 135.2                             | 127.6 | 126.1 | 134.3 | 133.9 | 132.4 | 132.5 | 137.2 | 127.6 | 138.9 | 142.9 | 140.5 | 140.4             | 135.9             |
| Furniture and fixtures.....                   | 1.38                         | 126.3                             | 121.5 | 121.6 | 128.7 | 127.3 | 124.2 | 123.0 | 125.7 | 114.5 | 128.7 | 131.7 | 130.1 | 131.7             | 128.9             |
| Miscellaneous manufactures.....               | 1.52                         | 143.3                             | 133.2 | 130.2 | 139.4 | 139.9 | 139.9 | 141.2 | 147.6 | 139.5 | 148.2 | 153.1 | 150.0 | 148.4             | 142.2             |
| <b>Nondurable manufactures</b>                |                              |                                   |       |       |       |       |       |       |       |       |       |       |       |                   |                   |
| <b>Textiles, apparel, and leather</b> .....   | 6.90                         | 114.7                             | 103.9 | 106.4 | 115.4 | 118.2 | 116.9 | 113.8 | 120.4 | 102.0 | 120.0 | 121.7 | 120.1 | 115.5             | 106.3             |
| Textile mill products.....                    | 2.69                         | 127.1                             | 117.0 | 117.8 | 126.1 | 129.6 | 128.7 | 129.1 | 135.0 | 112.1 | 133.6 | 133.2 | 132.8 | 129.1             | 118.6             |
| Apparel products.....                         | 3.33                         | 112.9                             | 98.7  | 103.9 | 113.7 | 116.3 | 115.6 | 110.0 | 117.4 | 102.6 | 118.1 | 121.7 | 118.6 | 112.9             | .....             |
| Leather and products.....                     | .88                          | 83.6                              | 83.3  | 80.6  | 88.7  | 89.9  | 85.8  | 81.3  | 87.1  | 68.7  | 85.5  | 86.7  | 87.0  | 83.3              | 78.5              |
| <b>Paper and printing</b> .....               | 7.92                         | 122.1                             | 113.8 | 113.2 | 118.7 | 120.4 | 121.4 | 122.8 | 125.7 | 121.8 | 128.4 | 127.1 | 127.9 | 124.2             | 114.0             |
| Paper and products.....                       | 3.18                         | 135.4                             | 123.6 | 130.2 | 137.5 | 138.9 | 137.6 | 138.5 | 138.4 | 127.6 | 136.7 | 133.0 | 142.3 | 138.7             | 124.8             |
| Printing and publishing.....                  | 4.74                         | 113.2                             | 107.3 | 101.7 | 106.0 | 107.9 | 110.6 | 112.2 | 117.2 | 117.9 | 122.8 | 123.1 | 118.2 | 114.4             | 106.8             |
| <b>Chemicals, petroleum, and rubber</b> ..... | 11.92                        | 149.3                             | 140.3 | 141.1 | 144.8 | 145.6 | 147.6 | 150.6 | 153.8 | 147.1 | 151.3 | 154.8 | 155.2 | 152.3             | 147.8             |
| Chemicals and products.....                   | 7.86                         | 150.1                             | 139.5 | 140.5 | 143.8 | 145.0 | 148.8 | 152.2 | 155.5 | 150.3 | 152.6 | 157.0 | 155.8 | 152.0             | 148.2             |
| Petroleum products.....                       | 1.80                         | 127.4                             | 125.2 | 123.9 | 120.9 | 119.5 | 121.3 | 127.0 | 132.8 | 132.8 | 133.2 | 130.4 | 132.1 | 129.4             | 125.9             |
| Rubber and plastics products.....             | 2.26                         | 164.0                             | 155.0 | 156.8 | 167.3 | 168.3 | 164.4 | 164.0 | 164.6 | 147.4 | 161.2 | 166.5 | 171.5 | 171.6             | 164.0             |
| <b>Foods and tobacco</b> .....                | 9.48                         | 121.9                             | 113.8 | 114.9 | 117.4 | 118.1 | 117.1 | 120.0 | 123.1 | 119.2 | 126.6 | 131.7 | 129.9 | 126.2             | 118.9             |
| Foods.....                                    | 8.81                         | 122.7                             | 115.9 | 115.4 | 117.7 | 118.1 | 117.8 | 120.7 | 123.7 | 121.1 | 127.2 | 132.9 | 130.5 | 126.9             | 120.5             |
| Tobacco products.....                         | .67                          | 111.6                             | 86.0  | 107.7 | 113.5 | 118.3 | 108.0 | 110.1 | 115.6 | 93.9  | 118.5 | 115.9 | 122.5 | 116.7             | .....             |
| <b>Mining</b>                                 |                              |                                   |       |       |       |       |       |       |       |       |       |       |       |                   |                   |
| <b>Metal, stone, and earth minerals</b> ..... | 1.26                         | 118.1                             | 108.7 | 103.4 | 105.7 | 109.0 | 116.4 | 125.7 | 125.3 | 119.0 | 125.5 | 126.2 | 125.3 | 119.2             | 116.8             |
| Metal mining.....                             | .51                          | 130.8                             | 115.0 | 114.0 | 120.6 | 118.7 | 127.2 | 143.4 | 144.0 | 133.9 | 139.7 | 143.4 | 138.7 | 124.7             | 121.4             |
| Stone and earth minerals.....                 | .75                          | 109.5                             | 104.4 | 96.2  | 95.5  | 102.4 | 109.0 | 113.6 | 112.6 | 108.9 | 115.8 | 114.4 | 116.2 | 115.5             | 113.6             |
| <b>Coal, oil, and gas</b> .....               | 5.11                         | 108.3                             | 109.3 | 107.9 | 110.1 | 107.2 | 106.5 | 107.0 | 107.3 | 105.6 | 109.0 | 109.1 | 109.8 | 110.2             | 109.3             |
| Coal.....                                     | .69                          | 103.6                             | 98.0  | 98.0  | 104.2 | 114.3 | 101.7 | 102.9 | 103.2 | 89.3  | 110.8 | 112.7 | 110.1 | 106.4             | 99.1              |
| Oil and gas extraction.....                   | 4.42                         | 109.0                             | 111.1 | 109.5 | 111.0 | 107.6 | 107.2 | 107.7 | 108.0 | 108.1 | 108.7 | 108.5 | 109.8 | 110.8             | 110.9             |
| <b>Utilities</b>                              |                              |                                   |       |       |       |       |       |       |       |       |       |       |       |                   |                   |
| Electric.....                                 | 3.91                         | 160.7                             | 151.6 | 165.1 | 158.5 | 153.8 | 145.4 | 144.6 | 157.5 | 175.9 | 181.5 | 181.0 | 163.0 | 153.1             | 149.4             |
| Gas.....                                      | 1.47                         | 124.2                             | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .....             | .....             |

NOTE.—Pages A-58 and A-59 include revisions stemming from changes in seasonal adjustment factors, and pages A-60 and A-61 include revisions in some series that are not seasonally adjusted, beginning in March 1972 in both instances. Data for the complete year of 1972 are available in a pamphlet *Industrial Production Indexes 1972* from Pub-

lications Services, Division of Administrative Services, Board of Governors of the Federal Reserve System, Washington, D.C. 20551.

Published groupings include series and subtotals not shown separately. Figures for individual series and subtotals are published in the monthly Business Indexes release.

**SELECTED BUSINESS INDEXES**

(1967=100, except as noted)

| Period                  | Industrial production |          |           |       |               |           |               |          |            |          | Capacity utilization in mfg. (1967 output = 100) | Construction contracts | Nonagricultural employment—Total <sup>1</sup> | Manufacturing <sup>2</sup> |                     | Total retail sales <sup>3</sup> | Prices <sup>4</sup> |  |
|-------------------------|-----------------------|----------|-----------|-------|---------------|-----------|---------------|----------|------------|----------|--|------------------------|---|----------------------------|---------------------|---------------------------------|---------------------|--|
|                         | Total                 | Market   |           |       |               |           |               | Industry | Employment | Payrolls |  |                        |   | Consumer                   | Wholesale commodity |                                 |                     |  |
|                         |                       | Products |           |       |               |           |               |          |            |          |  |                        |   |                            |                     |                                 |                     |  |
|                         |                       | Total    | Final     |       | Inter-mediate | Materials | Manufacturing |          |            |          |  |                        |   |                            |                     |                                 |                     |  |
| Total                   | Consumer goods        |          | Equipment |       |               |           |               |          |            |          |  |                        |   |                            |                     |                                 |                     |  |
| 1955.....               | 58.5                  | 56.6     | 54.9      | 59.5  | 48.9          | 62.6      | 61.5          | 58.2     | 90.0       | .....    | 76.9   | 92.9                   | 61.1  | 59                         | 80.2                | 87.8                            |                     |  |
| 1956.....               | 61.1                  | 59.7     | 58.2      | 61.7  | 53.7          | 65.3      | 63.1          | 60.5     | 88.2       | .....    | 79.6   | 93.9                   | 64.6  | 61                         | 81.4                | 90.7                            |                     |  |
| 1957.....               | 61.9                  | 61.1     | 59.9      | 63.2  | 55.9          | 65.3      | 63.1          | 61.2     | 84.5       | .....    | 80.3   | 92.2                   | 65.4  | 64                         | 84.3                | 93.3                            |                     |  |
| 1958.....               | 57.9                  | 58.6     | 57.1      | 62.6  | 50.0          | 63.9      | 56.8          | 56.9     | 75.1       | .....    | 78.0   | 83.9                   | 60.3  | 64                         | 86.6                | 94.6                            |                     |  |
| 1959.....               | 64.8                  | 64.4     | 62.7      | 68.7  | 54.9          | 70.5      | 65.5          | 64.1     | 81.4       | .....    | 81.0   | 88.1                   | 67.8  | 69                         | 87.3                | 94.8                            |                     |  |
| 1960.....               | 66.2                  | 66.2     | 64.8      | 71.3  | 56.4          | 71.0      | 66.4          | 65.4     | 80.1       | .....    | 82.4   | 88.0                   | 68.8  | 70                         | 88.7                | 94.9                            |                     |  |
| 1961.....               | 66.7                  | 66.9     | 65.3      | 72.8  | 55.6          | 72.4      | 66.4          | 65.6     | 77.6       | .....    | 82.1   | 84.5                   | 68.0  | 70                         | 89.6                | 94.5                            |                     |  |
| 1962.....               | 72.2                  | 72.1     | 70.8      | 77.7  | 61.9          | 76.9      | 72.4          | 71.4     | 81.4       | .....    | 84.4   | 87.3                   | 73.3  | 75                         | 90.6                | 94.8                            |                     |  |
| 1963.....               | 76.5                  | 76.2     | 74.9      | 82.0  | 65.6          | 81.1      | 77.0          | 75.8     | 83.0       | .....    | 86.1   | 87.8                   | 76.0  | 79                         | 91.7                | 94.5                            |                     |  |
| 1964.....               | 81.7                  | 81.2     | 79.6      | 86.8  | 70.1          | 87.3      | 82.6          | 81.2     | 85.5       | .....    | 89.4   | 88.6                   | 80.1  | 83                         | 92.9                | 94.7                            |                     |  |
| 1965.....               | 89.2                  | 88.1     | 86.8      | 93.0  | 78.7          | 93.0      | 91.0          | 89.1     | 89.0       | 93.2     | 92.3   | 93.9                   | 88.1  | 91                         | 94.5                | 96.6                            |                     |  |
| 1966.....               | 97.9                  | 96.8     | 96.1      | 98.6  | 93.0          | 99.2      | 99.8          | 98.3     | 91.9       | 94.8     | 97.1   | 99.9                   | 97.8  | 97                         | 97.2                | 99.8                            |                     |  |
| 1967.....               | 100.0                 | 100.0    | 100.0     | 100.0 | 100.0         | 100.0     | 100.0         | 100.0    | 87.9       | 100.0    | 100.0  | 100.0                  | 100.0   | 100                        | 100.0               | 100.0                           |                     |  |
| 1968.....               | 105.7                 | 105.8    | 105.8     | 106.6 | 104.7         | 105.7     | 105.7         | 105.7    | 87.7       | 113.2    | 103.1  | 101.4                  | 108.3   | 109                        | 104.2               | 102.5                           |                     |  |
| 1969.....               | 110.7                 | 109.7    | 109.0     | 111.1 | 106.1         | 112.0     | 112.4         | 110.5    | 86.5       | 123.7    | 106.7  | 103.2                  | 116.6   | 114                        | 109.8               | 106.5                           |                     |  |
| 1970.....               | 106.6                 | 106.0    | 104.5     | 110.3 | 96.3          | 111.7     | 107.7         | 105.2    | 78.3       | 123.1    | 107.2  | 98.0                   | 114.1   | 120                        | 116.3               | 110.4                           |                     |  |
| 1971.....               | 106.8                 | 106.4    | 104.7     | 115.7 | 89.4          | 112.6     | 107.4         | 105.2    | 75.0       | 145.4    | 107.3  | 93.9                   | 116.3   | 122                        | 121.2               | 113.9                           |                     |  |
| 1972.....               | 115.2                 | 113.8    | 111.9     | 123.6 | 95.5          | 121.1     | 117.4         | 114.0    | 78.6       | 165.3    | 110.5  | 96.7                   | 130.2   | 142                        | 125.3               | 119.8                           |                     |  |
| 1973 <sup>5</sup> ..... | 125.6                 | 123.4    | 121.3     | 131.7 | 106.7         | 131.1     | 129.3         | 125.2    | 83.0       | .....    | 114.8  | 101.9                  | 146.9   | .....                      | 133.1               | 135.5                           |                     |  |
| 1972—Dec.....           | 121.1                 | 119.1    | 116.8     | 127.7 | 101.5         | 127.7     | 124.4         | 120.4    | 81.5       | 163.0    | 112.4  | 99.6                   | 139.3   | 151                        | 127.3               | 122.9                           |                     |  |
| 1973—Jan.....           | 122.2                 | 120.7    | 118.6     | 129.8 | 102.9         | 128.4     | 124.5         | 121.4    | .....      | 181.0    | 112.7  | 99.9                   | 139.8   | 156                        | 127.7               | 124.5                           |                     |  |
| Feb.....                | 123.4                 | 121.5    | 119.3     | 130.2 | 104.1         | 129.5     | 126.7         | 122.7    | 82.8       | 191.0    | 113.5  | 100.7                  | 142.9   | 158                        | 128.6               | 126.9                           |                     |  |
| Mar.....                | 123.7                 | 121.7    | 119.6     | 130.8 | 104.1         | 129.4     | 127.0         | 123.4    | .....      | 193.0    | 113.8  | 101.0                  | 142.6   | 160                        | 129.8               | 129.7                           |                     |  |
| Apr.....                | 124.1                 | 122.0    | 120.0     | 130.9 | 104.7         | 129.3     | 127.7         | 123.8    | .....      | 197.0    | 114.0  | 101.5                  | 144.8   | 157                        | 130.7               | 130.7                           |                     |  |
| May.....                | 124.8                 | 122.9    | 120.8     | 131.8 | 105.7         | 130.5     | 128.3         | 124.9    | 83.3       | 173.0    | 114.4  | 101.7                  | 144.9   | 159                        | 131.5               | 133.4                           |                     |  |
| June.....               | 125.6                 | 123.7    | 121.3     | 131.9 | 106.6         | 132.0     | 129.0         | 125.6    | .....      | 183.0    | 114.7  | 102.1                  | 145.3   | 157                        | 132.4               | 136.7                           |                     |  |
| July.....               | 126.7                 | 124.2    | 122.1     | 132.8 | 107.3         | 132.5     | 130.9         | 126.5    | .....      | 175.0    | 114.6  | 101.8                  | 146.3   | 163                        | 132.7               | 134.7                           |                     |  |
| Aug.....                | 126.5                 | 123.7    | 121.4     | 132.8 | 107.6         | 132.1     | 130.9         | 126.1    | 83.3       | 206.0    | 115.0  | 102.1                  | 146.7   | 162                        | 135.1               | 142.9                           |                     |  |
| Sept.....               | 126.8                 | 124.3    | 122.4     | 132.3 | 108.5         | 131.0     | 131.3         | 126.3    | .....      | 182.0    | 115.3  | 102.1                  | 149.8   | 163                        | 135.5               | 140.2                           |                     |  |
| Oct.....                | 127.0                 | 124.3    | 122.7     | 132.6 | 108.9         | 130.6     | 131.1         | 126.4    | .....      | 191.0    | 116.0  | 102.9                  | 151.7   | 165                        | 136.6               | 139.5                           |                     |  |
| Nov.....                | 127.5                 | 125.2    | 123.5     | 133.4 | 109.8         | 131.4     | 131.7         | 127.4    | 82.7       | 194.0    | 116.4  | 103.3                  | 155.8   | 164                        | 137.6               | 141.8                           |                     |  |
| Dec.....                | 126.7                 | 124.1    | 122.2     | 130.9 | 109.8         | 130.5     | 131.0         | 126.8    | .....      | 161.0    | 116.4  | 103.3                  | 153.6   | 160                        | 138.5               | 145.3                           |                     |  |
| 1974—Jan.....           | 125.7                 | 123.0    | 121.1     | 129.2 | 109.7         | 129.4     | 130.3         | 125.8    | .....      | .....    | 116.0  | 102.5                  | 149.4   | 164                        | .....               | .....                           |                     |  |

1 Employees only; excludes personnel in the Armed Forces.  
 2 Production workers only.  
 3 F.R. index based on Census Bureau figures.  
 4 Prices are not seasonally adjusted. Latest figure is final.  
 5 Figure is for 4th quarter 1972.  
 NOTE.—All series: Data are seasonally adjusted unless otherwise noted.  
 Capacity utilization: Based on data from Federal Reserve, McGraw-Hill Economics Department, and Dept. of Commerce.  
 Construction contracts: McGraw-Hill Informations Systems Company F.W. Dodge Division, monthly index of dollar value of total construction contracts, including residential, nonresidential, and heavy engineering; does not include data for Alaska and Hawaii.  
 Employment and payrolls: Based on Bureau of Labor Statistics data; includes data for Alaska and Hawaii beginning with 1959.  
 Prices: Bureau of Labor Statistics data.

**CONSTRUCTION CONTRACTS AND PRIVATE HOUSING PERMITS**

(In millions of dollars, except as noted)

| Type of ownership and type of construction                         | 1971   | 1972   | 1972  |       |       |       | 1973  |       |       |       |       |        |       |       |       |
|--|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
|  |        |        | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.   | Sept. | Oct.  | Nov.  |
| Total construction <sup>1</sup> .....                              | 80,188 | 91,183 | 7,248 | 6,464 | 6,795 | 6,839 | 8,644 | 8,814 | 9,428 | 9,910 | 9,228 | 10,303 | 8,151 | 8,983 | 7,905 |
| By type of ownership:  |        |        |       |       |       |       |       |       |       |       |       |        |       |       |       |
| Public.....  | 23,927 | 24,084 | 1,785 | 1,650 | 1,918 | 1,717 | 2,046 | 2,071 | 2,359 | 2,995 | 2,581 | 2,968  | 2,328 | 2,055 | 2,140 |
| Private <sup>1</sup> .....   | 56,261 | 67,098 | 5,462 | 4,814 | 4,877 | 5,122 | 6,599 | 6,743 | 7,069 | 6,916 | 6,647 | 7,335  | 5,822 | 6,928 | 5,765 |
| By type of construction:   |        |        |       |       |       |       |       |       |       |       |       |        |       |       |       |
| Residential building <sup>1</sup> .....                            | 34,754 | 45,123 | 3,663 | 3,120 | 3,195 | 3,277 | 4,643 | 4,512 | 4,754 | 4,612 | 4,224 | 4,233  | 3,638 | 3,673 | 3,299 |
| Nonresidential building.....                                       | 25,574 | 27,082 | 2,184 | 2,215 | 2,420 | 2,229 | 2,707 | 2,634 | 2,629 | 2,976 | 2,991 | 3,241  | 2,719 | 2,758 | 2,655 |
| Nonbuilding.....   | 19,282 | 18,982 | 1,402 | 1,132 | 1,180 | 1,333 | 1,294 | 1,668 | 2,045 | 2,322 | 2,013 | 2,828  | 1,794 | 2,552 | 1,951 |
| Private housing units authorized....<br>(In thousands, S.A., A.R.) | 1,925  | 2,399  | 2,226 | 2,399 | 2,233 | 2,209 | 2,129 | 1,939 | 1,838 | 2,030 | 1,780 | 1,750  | 1,596 | 1,316 | 1,314 |

1 Because of improved procedures for collecting data for 1-family homes, some totals are not strictly comparable with those prior to 1968. To improve comparability, earlier levels may be raised by approximately 3 per cent for total and private construction, in each case, and by 8 per cent for residential building.  
 McGraw-Hill Informations Systems Company, F.W. Dodge Division. Totals of monthly data exceed annual totals because adjustments—negative—are made in accumulated monthly data after original figures have been published.  
 Private housing units authorized are Census Bureau series for 14,000 reporting areas with local building permit systems; 1971 data are for 13,000 reporting areas.

NOTE.—Dollar value of construction contracts as reported by the

VALUE OF NEW CONSTRUCTION ACTIVITY

(In millions of dollars)

| Period    | Total   | Private |             |                |            |            |                   |        | Public   |         |                            |         |        |
|-----------|---------|---------|-------------|----------------|------------|------------|-------------------|--------|----------|---------|----------------------------|---------|--------|
|           |         | Total   | Residential | Nonresidential |            |            |                   | Total  | Military | Highway | Conservation & development | Other 2 |        |
|           |         |         |             | Total          | Buildings  |            |                   |        |          |         |                            |         | Other  |
|           |         |         |             |                | Industrial | Commercial | Other buildings 1 |        |          |         |                            |         |        |
| 1962 3    | 59,965  | 42,096  | 25,150      | 16,946         | 2,842      | 5,144      | 3,631             | 5,329  | 17,869   | 1,266   | 6,365                      | 1,523   | 8,715  |
| 1963 4    | 64,563  | 45,206  | 27,874      | 17,332         | 2,906      | 3,745      | 5,686             | 19,357 | 1,179    | 7,084   | 1,694                      | 9,400   |        |
| 1964      | 67,413  | 47,030  | 28,010      | 19,020         | 3,565      | 5,396      | 3,994             | 6,065  | 20,383   | 910     | 7,133                      | 1,750   | 10,590 |
| 1965      | 73,412  | 51,350  | 27,934      | 23,416         | 5,118      | 6,739      | 4,735             | 6,824  | 22,062   | 830     | 7,550                      | 2,019   | 11,663 |
| 1966      | 76,002  | 51,995  | 25,715      | 26,280         | 6,679      | 6,879      | 5,037             | 7,685  | 24,007   | 727     | 8,405                      | 2,194   | 12,681 |
| 1967      | 77,503  | 51,967  | 25,568      | 26,399         | 6,131      | 6,982      | 4,993             | 8,293  | 25,536   | 695     | 8,591                      | 2,124   | 14,126 |
| 1968      | 86,626  | 59,021  | 30,565      | 28,456         | 6,021      | 7,761      | 4,382             | 10,292 | 27,605   | 808     | 9,321                      | 1,973   | 15,503 |
| 1969      | 93,368  | 65,404  | 33,200      | 32,204         | 6,783      | 9,401      | 4,971             | 11,049 | 27,964   | 879     | 9,250                      | 1,783   | 4,822  |
| 1970      | 94,167  | 66,071  | 31,864      | 34,207         | 6,538      | 9,754      | 5,125             | 12,790 | 28,096   | 718     | 9,981                      | 1,908   | 4,832  |
| 1971      | 109,238 | 79,367  | 43,268      | 36,099         | 5,423      | 11,619     | 5,437             | 13,620 | 29,871   | 901     | 10,658                     | 2,095   | 4,820  |
| 1972      | 123,836 | 93,640  | 54,186      | 39,454         | 4,676      | 13,462     | 5,898             | 13,418 | 30,196   | 1,080   | 10,448                     | 2,172   | 4,996  |
| 1972—Nov. | 126,831 | 97,506  | 57,167      | 40,339         | 4,617      | 13,607     | 6,235             | 15,880 | 29,325   | 1,200   | 10,585                     | 2,042   | 15,498 |
| Dec.      | 131,550 | 98,450  | 57,545      | 40,905         | 4,765      | 13,865     | 6,220             | 16,055 | 33,100   | 1,188   | 11,045                     | 2,065   | 18,802 |
| 1973—Jan. | 135,748 | 102,046 | 59,357      | 42,689         | 5,292      | 15,001     | 6,002             | 16,394 | 33,702   | 1,221   | 11,045                     | 2,446   | 18,802 |
| Feb.      | 136,416 | 104,128 | 61,487      | 42,641         | 5,180      | 14,873     | 6,145             | 16,443 | 32,288   | 1,422   | 11,045                     | 2,446   | 18,802 |
| Mar.      | 137,467 | 103,838 | 60,747      | 43,091         | 5,479      | 15,071     | 6,179             | 16,362 | 33,629   | 1,303   | 11,045                     | 2,446   | 18,802 |
| Apr.      | 133,794 | 101,234 | 58,047      | 43,187         | 5,287      | 15,474     | 6,282             | 16,144 | 32,560   | 1,158   | 11,045                     | 2,446   | 18,802 |
| May       | 134,139 | 101,790 | 57,453      | 44,337         | 5,338      | 16,118     | 6,252             | 16,629 | 32,349   | 1,277   | 11,045                     | 2,446   | 18,802 |
| June      | 133,775 | 102,803 | 58,178      | 44,625         | 5,928      | 15,704     | 6,383             | 16,610 | 30,972   | 1,162   | 11,045                     | 2,446   | 18,802 |
| July      | 136,863 | 105,368 | 59,439      | 45,929         | 6,340      | 16,170     | 6,492             | 16,987 | 31,495   | 1,341   | 11,045                     | 2,446   | 18,802 |
| Aug.      | 136,867 | 105,815 | 59,829      | 45,986         | 6,687      | 15,800     | 6,122             | 17,377 | 31,052   | 1,048   | 11,045                     | 2,446   | 18,802 |
| Sept.     | 136,863 | 103,689 | 58,966      | 44,723         | 6,324      | 15,111     | 5,742             | 17,546 | 33,174   | 962     | 11,045                     | 2,446   | 18,802 |
| Oct.      | 136,463 | 102,980 | 56,290      | 46,690         | 6,573      | 15,561     | 5,883             | 18,673 | 33,483   | 1,032   | 11,045                     | 2,446   | 18,802 |
| Nov.      | 136,762 | 102,931 | 54,604      | 48,327         | 6,742      | 16,139     | 6,035             | 19,411 | 33,831   | 1,040   | 11,045                     | 2,446   | 18,802 |
| Dec.      | 133,573 | 100,083 | 52,590      | 47,493         | 6,788      | 15,407     | 6,096             | 19,202 | 33,490   | 1,113   | 11,045                     | 2,446   | 18,802 |

1 Includes religious, educational, hospital, institutional, and other buildings.  
 2 Sewer and water, formerly shown separately, now included in "Other."  
 3 Beginning July 1962, reflects inclusion of new series affecting most private nonresidential groups.

4 Beginning 1963, reflects inclusion of new series under "Public" (for State and local govt. activity only).

NOTE.—Census Bureau data; monthly series at seasonally adjusted annual rates.

NEW HOUSING UNITS

(In thousands)

| Period    | Units started |                      |               |       |      |                             |                |                   |                                  |         |        |       |     |     | Mobile home shipments (N.S.A.) |
|-----------|---------------|----------------------|---------------|-------|------|-----------------------------|----------------|-------------------|----------------------------------|---------|--------|-------|-----|-----|--------------------------------|
|           | Total         | Private (S.A., A.R.) |               |       |      | Private and public (N.S.A.) |                |                   | Government-underwritten (N.S.A.) |         |        |       |     |     |                                |
|           |               | Region               |               |       |      | Type of structure           |                |                   | Total                            | Private | Public | Total | FHA | VA  |                                |
|           |               | North-east           | North Central | South | West | 1-family                    | 2- to 4-family | 5- or more-family |                                  |         |        |       |     |     |                                |
| 1963      | 1,603         | 261                  | 328           | 591   | 430  | 1,012                       | 589            | 1,635             | 1,603                            | 32      | 292    | 221   | 71  | 151 |                                |
| 1964      | 1,529         | 254                  | 340           | 578   | 357  | 970                         | 108            | 1,561             | 1,529                            | 32      | 264    | 205   | 59  | 191 |                                |
| 1965      | 1,473         | 270                  | 362           | 575   | 266  | 964                         | 87             | 1,510             | 1,473                            | 37      | 246    | 197   | 49  | 216 |                                |
| 1966      | 1,165         | 206                  | 288           | 472   | 198  | 778                         | 61             | 1,196             | 1,165                            | 31      | 195    | 158   | 37  | 217 |                                |
| 1967      | 1,292         | 215                  | 337           | 520   | 220  | 844                         | 72             | 1,322             | 1,292                            | 30      | 232    | 180   | 53  | 240 |                                |
| 1968      | 1,508         | 227                  | 369           | 618   | 294  | 900                         | 81             | 1,546             | 1,508                            | 38      | 283    | 227   | 56  | 318 |                                |
| 1969      | 1,467         | 206                  | 349           | 588   | 324  | 814                         | 85             | 1,500             | 1,467                            | 33      | 284    | 233   | 51  | 413 |                                |
| 1970      | 1,434         | 218                  | 294           | 612   | 310  | 813                         | 85             | 1,469             | 1,434                            | 35      | 482    | 421   | 61  | 401 |                                |
| 1971      | 2,052         | 264                  | 434           | 869   | 482  | 1,151                       | 120            | 2,084             | 2,052                            | 32      | 621    | 528   | 93  | 497 |                                |
| 1972      | 2,357         | 330                  | 443           | 1,057 | 527  | 1,309                       | 141            | 2,379             | 2,357                            | 22      | 475    | 371   | 104 | 576 |                                |
| 1972—Dec. | 2,369         | 486                  | 330           | 1,080 | 473  | 1,207                       | 128            | 1,034             | 153                              | 151     | 2      | 48    | 42  | 6   |                                |
| 1973—Jan. | 2,497         | 348                  | 599           | 1,086 | 464  | 1,450                       | 163            | 884               | 147                              | 147     | 1      | 19    | 12  | 7   |                                |
| Feb.      | 2,456         | 366                  | 571           | 1,087 | 432  | 1,372                       | 123            | 961               | 140                              | 138     | 2      | 21    | 14  | 7   |                                |
| Mar.      | 2,260         | 297                  | 415           | 1,142 | 406  | 1,245                       | 123            | 892               | 201                              | 200     | 1      | 27    | 19  | 8   |                                |
| Apr.      | 2,123         | 292                  | 387           | 890   | 554  | 1,202                       | 131            | 790               | 205                              | 205     | 1      | 27    | 18  | 9   |                                |
| May       | 2,413         | 267                  | 595           | 999   | 552  | 1,271                       | 162            | 980               | 234                              | 234     | 1      | 29    | 18  | 11  |                                |
| June      | 2,128         | 370                  | 474           | 837   | 447  | 1,124                       | 129            | 875               | 203                              | 203     | 1      | 25    | 17  | 8   |                                |
| July      | 2,191         | 225                  | 487           | 1,063 | 416  | 1,247                       | 151            | 793               | 203                              | 203     | 1      | 20    | 12  | 8   |                                |
| Aug.      | 2,094         | 287                  | 481           | 841   | 485  | 1,125                       | 111            | 858               | 200                              | 197     | 3      | 23    | 14  | 9   |                                |
| Sept.     | 1,804         | 283                  | 410           | 748   | 363  | 982                         | 98             | 724               | 149                              | 148     | 1      | 15    | 10  | 6   |                                |
| Oct.      | 1,646         | 248                  | 383           | 673   | 342  | 956                         | 75             | 615               | 150                              | 147     | 2      | 15    | 9   | 6   |                                |
| Nov.      | 1,696         | 294                  | 309           | 788   | 355  | 936                         | 83             | 677               | 133                              | 132     | 1      | 16    | 11  | 5   |                                |
| Dec.      | 1,355         | 192                  | 276           | 608   | 279  | 762                         | 74             | 519               | 89                               | 89      | 1      | 11    | 7   | 4   |                                |

NOTE.—Starts are Census Bureau series (including farm starts) except for Govt.-underwritten, which are from Federal Housing Admin. and Veterans Admin. and represent units started, including rehabilitation

units under FHA, based on field office reports of first compliance inspections. Data may not add to totals because of rounding.

Mobile home shipments are as reported by Mobile Homes Manufacturers Assn.



**LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT**

(In thousands of persons, except as noted)

| Period    | Total non-institutional population (N.S.A.) | Not in labor force (N.S.A.) | Total labor force (S.A.) | Civilian labor force (S.A.) |                       |                                |                |            | Unemployment rate <sup>2</sup> (per cent; S.A.) |
|-----------|---|-----------------------------|--------------------------|-----------------------------|-----------------------|--------------------------------|----------------|------------|---|
|           |   |                             |                          | Total                       | Employed <sup>1</sup> |                                |                | Unemployed |   |
|           |   |                             |                          |                             | Total                 | In non-agricultural industries | In agriculture |            |   |
| 1967      | 133,319                                     | 52,527                      | 80,793                   | 77,347                      | 74,372                | 70,527                         | 3,844          | 2,975      | 3.8   |
| 1968      | 135,562                                     | 53,291                      | 82,272                   | 78,737                      | 75,920                | 72,103                         | 3,817          | 2,817      | 3.6   |
| 1969      | 137,841                                     | 53,602                      | 84,240                   | 80,734                      | 77,902                | 74,296                         | 3,606          | 2,832      | 3.5   |
| 1970      | 140,182                                     | 54,280                      | 85,903                   | 82,715                      | 78,627                | 75,165                         | 3,462          | 4,088      | 4.9   |
| 1971      | 142,596                                     | 55,666                      | 86,929                   | 84,113                      | 79,120                | 75,732                         | 3,387          | 4,993      | 5.9   |
| 1972      | 145,775                                     | 56,785                      | 88,991                   | 86,542                      | 81,702                | 78,230                         | 3,472          | 4,840      | 5.6   |
| 1973      | 148,263                                     | 57,222                      | 91,040                   | 88,714                      | 84,409                | 80,957                         | 3,452          | 4,304      | 4.9   |
| 1973—Jan. | 147,129                                     | 59,008                      | 89,404                   | 87,000                      | 82,619                | 79,130                         | 3,489          | 4,381      | 5.0   |
| Feb.      | 147,313                                     | 58,238                      | 90,108                   | 87,716                      | 83,230                | 79,784                         | 3,446          | 4,486      | 5.1   |
| Mar.      | 147,541                                     | 57,856                      | 90,523                   | 88,162                      | 83,782                | 80,313                         | 3,469          | 4,380      | 5.0   |
| Apr.      | 147,729                                     | 57,906                      | 90,622                   | 88,273                      | 83,854                | 80,498                         | 3,356          | 4,418      | 5.0   |
| May       | 147,940                                     | 58,050                      | 90,597                   | 88,263                      | 83,950                | 80,630                         | 3,320          | 4,313      | 4.9   |
| June      | 148,147                                     | 55,417                      | 91,133                   | 88,818                      | 84,518                | 81,088                         | 3,430          | 4,300      | 4.8   |
| July      | 148,361                                     | 55,133                      | 91,139                   | 88,828                      | 84,621                | 81,109                         | 3,512          | 4,207      | 4.7   |
| Aug.      | 148,565                                     | 56,139                      | 91,011                   | 88,704                      | 84,513                | 81,088                         | 3,425          | 4,191      | 4.7   |
| Sept.     | 148,782                                     | 57,484                      | 91,664                   | 89,373                      | 85,133                | 81,757                         | 3,376          | 4,240      | 4.7   |
| Oct.      | 149,001                                     | 56,955                      | 92,038                   | 89,749                      | 85,649                | 82,194                         | 3,455          | 4,100      | 4.6   |
| Nov.      | 149,208                                     | 57,040                      | 92,186                   | 89,903                      | 85,649                | 82,088                         | 3,561          | 4,254      | 4.7   |
| Dec.      | 149,436                                     | 57,453                      | 92,315                   | 90,033                      | 85,669                | 82,026                         | 3,643          | 4,364      | 4.8   |
| 1974—Jan. | 149,656                                     | 58,303                      | 92,801                   | 90,543                      | 85,811                | 82,017                         | 3,794          | 4,732      | 5.2   |

<sup>1</sup> Includes self-employed, unpaid family, and domestic service workers.  
<sup>2</sup> Per cent of civilian labor force.

to the calendar week that contains the 12th day; annual data are averages of monthly figures. Description of changes in series beginning 1967 is available from Bureau of Labor Statistics.

NOTE.—Bureau of Labor Statistics. Information relating to persons 16 years of age and over is obtained on a sample basis. Monthly data relate

**EMPLOYMENT IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION**

(In thousands of persons)

| Period                  | Total  | Manufacturing | Mining | Contract construction | Transportation & public utilities | Trade  | Finance | Service | Government |
|-------------------------|--------|---------------|--------|-----------------------|-----------------------------------|--------|---------|---------|------------|
| 1967                    | 65,857 | 19,447        | 613    | 3,208                 | 4,261                             | 13,606 | 3,225   | 10,099  | 11,398     |
| 1968                    | 67,915 | 19,781        | 606    | 3,285                 | 4,310                             | 14,084 | 3,382   | 10,623  | 11,845     |
| 1969                    | 70,284 | 20,167        | 613    | 3,435                 | 4,429                             | 14,639 | 3,564   | 11,229  | 12,202     |
| 1970                    | 70,593 | 19,349        | 629    | 3,381                 | 4,493                             | 14,914 | 3,688   | 11,612  | 12,535     |
| 1971                    | 70,645 | 18,529        | 602    | 3,411                 | 4,442                             | 15,142 | 3,796   | 11,669  | 12,858     |
| 1972                    | 72,764 | 18,933        | 607    | 3,521                 | 4,495                             | 15,683 | 3,927   | 12,309  | 13,290     |
| SEASONALLY ADJUSTED     |        |               |        |                       |                                   |        |         |         |            |
| 1973—Jan.               | 74,252 | 19,463        | 610    | 3,498                 | 4,574                             | 16,013 | 3,995   | 12,621  | 13,478     |
| Feb.                    | 74,715 | 19,586        | 612    | 3,594                 | 4,580                             | 16,114 | 4,014   | 12,682  | 13,533     |
| Mar.                    | 74,914 | 19,643        | 610    | 3,604                 | 4,580                             | 16,163 | 4,024   | 12,716  | 13,574     |
| Apr.                    | 75,105 | 19,727        | 608    | 3,571                 | 4,591                             | 16,217 | 4,031   | 12,746  | 13,614     |
| May                     | 75,321 | 19,782        | 608    | 3,620                 | 4,593                             | 16,256 | 4,044   | 12,776  | 13,642     |
| June                    | 75,526 | 19,856        | 629    | 3,654                 | 4,597                             | 16,262 | 4,049   | 12,820  | 13,659     |
| July                    | 75,493 | 19,804        | 631    | 3,680                 | 4,598                             | 16,294 | 4,048   | 12,828  | 13,610     |
| Aug.                    | 75,747 | 19,861        | 634    | 3,676                 | 4,617                             | 16,352 | 4,064   | 12,906  | 13,637     |
| Sept.                   | 75,961 | 19,882        | 633    | 3,700                 | 4,629                             | 16,388 | 4,078   | 12,995  | 13,656     |
| Oct.                    | 76,363 | 20,016        | 639    | 3,694                 | 4,671                             | 16,465 | 4,088   | 13,044  | 13,746     |
| Nov.                    | 76,679 | 20,095        | 644    | 3,711                 | 4,654                             | 16,520 | 4,095   | 13,122  | 13,838     |
| Dec.                    | 76,631 | 20,091        | 645    | 3,730                 | 4,639                             | 16,400 | 4,098   | 13,124  | 13,904     |
| 1974—Jan.               | 76,372 | 19,966        | 645    | 3,601                 | 4,665                             | 16,363 | 4,099   | 13,107  | 13,926     |
| NOT SEASONALLY ADJUSTED |        |               |        |                       |                                   |        |         |         |            |
| 1973—Jan.               | 73,343 | 19,279        | 598    | 3,155                 | 4,510                             | 15,865 | 3,959   | 12,406  | 13,571     |
| Feb.                    | 73,724 | 19,420        | 598    | 3,184                 | 4,507                             | 15,776 | 3,978   | 12,530  | 13,731     |
| Mar.                    | 74,255 | 19,521        | 598    | 3,294                 | 4,539                             | 15,880 | 4,000   | 12,627  | 13,796     |
| Apr.                    | 74,861 | 19,586        | 603    | 3,442                 | 4,559                             | 16,088 | 4,019   | 12,771  | 13,793     |
| May                     | 75,404 | 19,667        | 608    | 3,616                 | 4,593                             | 16,200 | 4,040   | 12,865  | 13,815     |
| June                    | 76,308 | 20,002        | 642    | 3,837                 | 4,661                             | 16,335 | 4,089   | 12,999  | 13,743     |
| July                    | 75,384 | 19,729        | 644    | 3,934                 | 4,653                             | 16,262 | 4,113   | 12,982  | 13,067     |
| Aug.                    | 75,686 | 20,018        | 648    | 3,981                 | 4,659                             | 16,279 | 4,121   | 13,009  | 12,971     |
| Sept.                   | 76,238 | 20,132        | 641    | 3,944                 | 4,671                             | 16,367 | 4,082   | 12,982  | 13,419     |
| Oct.                    | 76,914 | 20,168        | 640    | 3,923                 | 4,680                             | 16,515 | 4,076   | 13,057  | 13,855     |
| Nov.                    | 77,322 | 20,202        | 643    | 3,822                 | 4,659                             | 16,780 | 4,079   | 13,096  | 14,041     |
| Dec.                    | 77,399 | 20,113        | 641    | 3,637                 | 4,639                             | 17,115 | 4,078   | 13,058  | 14,118     |
| 1974—Jan.               | 75,467 | 19,781        | 633    | 3,248                 | 4,600                             | 16,236 | 4,062   | 12,884  | 14,023     |

NOTE.—Bureau of Labor Statistics; data include all full- and part-time employees who worked during, or received pay for, the pay period that includes the 12th of the month. Proprietors, self-employed

persons, domestic servants, unpaid family workers, and members of Armed Forces are excluded.

Beginning with 1970, series has been adjusted to Mar. 1971 benchmark.

**PRODUCTION WORKER EMPLOYMENT IN MANUFACTURING INDUSTRIES**

(In thousands of persons)

| Industry group                                   | Seasonally adjusted <sup>1</sup> |               |                   |                   | Not seasonally adjusted <sup>1</sup> |               |                   |                   |
|--|----------------------------------|---------------|-------------------|-------------------|--------------------------------------|---------------|-------------------|-------------------|
|  | 1973                             |               | 1974              |                   | 1973                                 |               | 1974              |                   |
|  | Jan.                             | Nov.          | Dec. <sup>a</sup> | Jan. <sup>b</sup> | Jan.                                 | Nov.          | Dec. <sup>b</sup> | Jan. <sup>b</sup> |
| <b>Total</b> .....                               | <b>14,295</b>                    | <b>14,774</b> | <b>14,773</b>     | <b>14,661</b>     | <b>14,130</b>                        | <b>14,886</b> | <b>14,800</b>     | <b>14,491</b>     |
| <b>Durable goods</b> .....                       | <b>8,307</b>                     | <b>8,712</b>  | <b>8,707</b>      | <b>8,607</b>      | <b>8,243</b>                         | <b>8,765</b>  | <b>8,731</b>      | <b>8,540</b>      |
| Ordnance and accessories.....                    | 102                              | 93            | 96                | 95                | 103                                  | 95            | 97                | 95                |
| Lumber and wood products.....                    | 539                              | 548           | 554               | 554               | 521                                  | 548           | 546               | 535               |
| Furniture and fixtures.....                      | 424                              | 434           | 433               | 433               | 424                                  | 441           | 438               | 433               |
| Stone, clay, and glass products.....             | 539                              | 561           | 566               | 565               | 519                                  | 559           | 559               | 545               |
| Primary metal industries.....                    | 1,031                            | 1,096         | 1,095             | 1,074             | 1,024                                | 1,079         | 1,082             | 1,066             |
| Fabricated metal products.....                   | 1,091                            | 1,137         | 1,132             | 1,131             | 1,085                                | 1,150         | 1,143             | 1,126             |
| Machinery.....                                   | 1,324                            | 1,441         | 1,445             | 1,426             | 1,323                                | 1,431         | 1,447             | 1,425             |
| Electrical equipment and supplies.....           | 1,316                            | 1,417         | 1,424             | 1,400             | 1,315                                | 1,436         | 1,437             | 1,399             |
| Transportation equipment.....                    | 1,310                            | 1,324         | 1,298             | 1,259             | 1,319                                | 1,342         | 1,318             | 1,268             |
| Instruments and related products.....            | 292                              | 318           | 320               | 319               | 291                                  | 320           | 322               | 318               |
| Miscellaneous manufacturing industries.....      | 339                              | 343           | 344               | 351               | 320                                  | 359           | 343               | 311               |
| <b>Nondurable goods</b> .....                    | <b>5,988</b>                     | <b>6,062</b>  | <b>6,066</b>      | <b>6,054</b>      | <b>5,887</b>                         | <b>6,121</b>  | <b>6,069</b>      | <b>5,951</b>      |
| Food and kindred products.....                   | 1,181                            | 1,184         | 1,187             | 1,190             | 1,121                                | 1,208         | 1,174             | 1,129             |
| Tobacco manufactures.....                        | 59                               | 62            | 62                | 62                | 58                                   | 68            | 66                | 61                |
| Textile-mill products.....                       | 893                              | 903           | 904               | 907               | 890                                  | 907           | 909               | 904               |
| Apparel and related products.....                | 1,161                            | 1,155         | 1,153             | 1,142             | 1,142                                | 1,168         | 1,150             | 1,125             |
| Paper and allied products.....                   | 548                              | 562           | 559               | 563               | 545                                  | 566           | 563               | 559               |
| Printing, publishing, and allied industries..... | 662                              | 664           | 667               | 665               | 659                                  | 668           | 674               | 662               |
| Chemicals and allied products.....               | 590                              | 608           | 610               | 611               | 585                                  | 606           | 608               | 606               |
| Petroleum refining and related industries.....   | 119                              | 120           | 122               | 122               | 115                                  | 120           | 120               | 117               |
| Rubber and misc. plastic products.....           | 522                              | 549           | 548               | 541               | 519                                  | 554           | 551               | 538               |
| Leather and leather products.....                | 253                              | 255           | 254               | 251               | 252                                  | 256           | 254               | 250               |

<sup>1</sup> Data adjusted to 1971 benchmark.

NOTE.— Bureau of Labor Statistics; data cover production and related workers only (full- and part-time) who worked during, or received pay for, the pay period that includes the 12th of the month.

**HOURS AND EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES**

| Industry group                                   | Average hours worked <sup>1</sup><br>(per week; S.A.) |             |                   |                   | Average weekly earnings <sup>1</sup><br>(dollars per week; N.S.A.) |               |                   |                   | Average hourly earnings <sup>1</sup><br>(dollars per hour; N.S.A.) |             |                   |                   |
|--|---|-------------|-------------------|-------------------|--|---------------|-------------------|-------------------|--|-------------|-------------------|-------------------|
|  | 1973  |             | 1974              |                   | 1973   |               | 1974              |                   | 1973   |             | 1974              |                   |
|  | Jan.  | Nov.        | Dec. <sup>a</sup> | Jan. <sup>b</sup> | Jan.   | Nov.          | Dec. <sup>b</sup> | Jan. <sup>b</sup> | Jan.   | Nov.        | Dec. <sup>b</sup> | Jan. <sup>b</sup> |
| <b>Total</b> .....                               | <b>40.3</b>   | <b>40.6</b> | <b>40.7</b>       | <b>39.9</b>       | <b>159.20</b>  | <b>169.73</b> | <b>173.45</b>     | <b>166.32</b>     | <b>3.98</b>  | <b>4.16</b> | <b>4.21</b>       | <b>4.20</b>       |
| <b>Durable goods</b> .....                       | <b>41.3</b>   | <b>41.4</b> | <b>41.3</b>       | <b>40.3</b>       | <b>173.43</b>  | <b>183.43</b> | <b>187.71</b>     | <b>178.00</b>     | <b>4.23</b>  | <b>4.42</b> | <b>4.48</b>       | <b>4.45</b>       |
| Ordnance and accessories.....                    | 42.5  | 42.1        | 42.7              | 43.2              | 176.38   | 189.06        | 193.95            | 195.24            | 4.16   | 4.48        | 4.50              | 4.53              |
| Lumber and wood products.....                    | 39.9  | 40.3        | 41.2              | 40.6              | 134.55   | 146.73        | 152.03            | 146.10            | 3.45   | 3.65        | 3.69              | 3.68              |
| Furniture and fixtures.....                      | 39.0  | 39.4        | 39.7              | 40.0              | 120.96   | 132.93        | 136.49            | 132.78            | 3.15   | 3.34        | 3.37              | 3.37              |
| Stone, clay, and glass products.....             | 41.1  | 42.1        | 42.1              | 40.9              | 162.01   | 180.62        | 180.18            | 171.20            | 4.03   | 4.28        | 4.29              | 4.28              |
| Primary metal industries.....                    | 42.4  | 43.4        | 42.5              | 40.6              | 206.49   | 224.89        | 223.55            | 211.93            | 4.87   | 5.23        | 5.26              | 5.22              |
| Fabricated metal products.....                   | 41.4  | 41.6        | 41.6              | 40.8              | 169.33   | 181.40        | 183.98            | 176.95            | 4.13   | 4.35        | 4.37              | 4.38              |
| Machinery.....                                   | 42.4  | 42.3        | 42.6              | 41.9              | 188.26   | 197.16        | 205.28            | 197.35            | 4.44   | 4.65        | 4.73              | 4.71              |
| Electrical equipment and supplies.....           | 40.4  | 40.2        | 40.1              | 39.4              | 153.14   | 159.17        | 161.99            | 156.81            | 3.80   | 3.93        | 3.98              | 3.99              |
| Transportation equipment.....                    | 42.3  | 41.1        | 41.2              | 38.6              | 209.50   | 213.62        | 225.78            | 199.16            | 5.00   | 5.16        | 5.30              | 5.20              |
| Instruments and related products.....            | 40.4  | 40.9        | 41.1              | 40.7              | 153.56   | 163.14        | 168.06            | 163.62            | 3.82   | 3.95        | 4.04              | 4.04              |
| Miscellaneous manufacturing industries.....      | 38.7  | 38.9        | 38.9              | 38.6              | 124.42   | 130.87        | 131.71            | 129.84            | 3.24   | 3.33        | 3.36              | 3.39              |
| <b>Nondurable goods</b> .....                    | <b>39.1</b>   | <b>39.7</b> | <b>39.7</b>       | <b>39.4</b>       | <b>139.71</b>  | <b>150.82</b> | <b>152.00</b>     | <b>148.98</b>     | <b>3.61</b>  | <b>3.78</b> | <b>3.80</b>       | <b>3.82</b>       |
| Food and kindred products.....                   | 40.1  | 40.8        | 40.8              | 40.4              | 149.25   | 159.92        | 163.17            | 160.00            | 3.75   | 3.91        | 3.97              | 3.99              |
| Tobacco manufactures.....                        | 36.6  | 40.7        | 39.1              | 40.1              | 128.52   | 155.83        | 154.80            | 156.42            | 3.56   | 3.81        | 3.87              | 3.96              |
| Textile-mill products.....                       | 39.5  | 40.6        | 40.7              | 40.3              | 112.22   | 125.46        | 125.77            | 122.09            | 2.87   | 3.06        | 3.06              | 3.06              |
| Apparel and related products.....                | 34.5  | 35.7        | 35.9              | 35.1              | 92.75  | 102.96        | 101.96            | 98.61             | 2.72   | 2.86        | 2.84              | 2.85              |
| Paper and allied products.....                   | 42.5  | 42.7        | 42.8              | 42.9              | 171.74   | 184.47        | 186.19            | 184.46            | 4.06   | 4.30        | 4.31              | 4.32              |
| Printing, publishing, and allied industries..... | 37.8  | 37.9        | 37.8              | 37.6              | 170.09   | 180.88        | 183.07            | 177.34            | 4.56   | 4.76        | 4.78              | 4.78              |
| Chemicals and allied products.....               | 41.6  | 42.0        | 41.9              | 41.4              | 180.94   | 192.82        | 193.70            | 192.46            | 4.36   | 4.58        | 4.59              | 4.66              |
| Petroleum refining and related industries.....   | 41.9  | 43.0        | 42.8              | 42.6              | 209.71   | 228.00        | 223.98            | 227.94            | 5.09   | 5.29        | 5.27              | 5.44              |
| Rubber and misc. plastic products.....           | 41.0  | 41.2        | 40.8              | 40.1              | 152.97   | 161.07        | 160.70            | 156.00            | 3.74   | 3.90        | 3.91              | 3.90              |
| Leather and leather products.....                | 37.2  | 38.0        | 37.5              | 37.6              | 103.04   | 109.35        | 109.92            | 109.42            | 2.77   | 2.87        | 2.87              | 3.91              |

<sup>1</sup> Data adjusted to 1971 benchmark.

NOTE.— Bureau of Labor Statistics; data are for production and related workers only.

## CONSUMER PRICES

(1967 = 100)

| Period        | All items | Food  | Housing |       |                |                   |                     |                           |       | Apparel and upkeep | Transportation | Health and recreation |               |                        |                          |       |       |       |
|---------------|-----------|-------|---------|-------|----------------|-------------------|---------------------|---------------------------|-------|--------------------|----------------|-----------------------|---------------|------------------------|--------------------------|-------|-------|-------|
|               |           |       | Total   | Rent  | Home-ownership | Fuel oil and coal | Gas and electricity | Furnishings and operation | Total |                    |                | Medical care          | Personal care | Reading and recreation | Other goods and services |       |       |       |
| 1929.....     | 51.3      | 48.3  | .....   | 76.0  | .....          | .....             | .....               | .....                     | 48.5  | .....              | .....          | .....                 | .....         | .....                  | .....                    | ..... | ..... | ..... |
| 1933.....     | 38.8      | 30.6  | .....   | 54.1  | .....          | .....             | .....               | .....                     | 36.9  | .....              | .....          | .....                 | .....         | .....                  | .....                    | ..... | ..... | ..... |
| 1941.....     | 44.1      | 38.4  | 53.7    | 57.2  | .....          | 40.5              | 81.4                | .....                     | 44.8  | 44.2               | .....          | 37.0                  | 41.2          | 47.7                   | 49.2                     | ..... | ..... | ..... |
| 1945.....     | 53.9      | 50.7  | 59.1    | 58.8  | .....          | 48.0              | 79.6                | .....                     | 61.5  | 47.8               | .....          | 42.1                  | 55.1          | 62.4                   | 56.9                     | ..... | ..... | ..... |
| 1960.....     | 88.7      | 88.0  | 90.2    | 91.7  | 86.3           | 89.2              | 98.6                | 93.8                      | 89.6  | 89.6               | 85.1           | 79.1                  | 90.1          | 87.3                   | 87.8                     | ..... | ..... | ..... |
| 1965.....     | 94.5      | 94.4  | 94.9    | 96.9  | 92.7           | 94.6              | 99.4                | 95.3                      | 93.7  | 95.9               | 93.4           | 89.5                  | 95.2          | 95.9                   | 94.2                     | ..... | ..... | ..... |
| 1966.....     | 97.2      | 99.1  | 97.2    | 98.2  | 96.3           | 97.0              | 99.6                | 97.0                      | 96.1  | 97.2               | 96.1           | 93.4                  | 97.1          | 97.5                   | 97.2                     | ..... | ..... | ..... |
| 1967.....     | 100.0     | 100.0 | 100.0   | 100.0 | 100.0          | 100.0             | 100.0               | 100.0                     | 100.0 | 100.0              | 100.0          | 100.0                 | 100.0         | 100.0                  | 100.0                    | ..... | ..... | ..... |
| 1968.....     | 104.2     | 103.6 | 104.2   | 102.4 | 105.7          | 103.1             | 100.9               | 104.4                     | 105.4 | 103.2              | 105.0          | 106.1                 | 104.2         | 104.7                  | 104.6                    | ..... | ..... | ..... |
| 1969.....     | 109.8     | 108.9 | 110.8   | 105.7 | 116.0          | 105.6             | 102.8               | 109.0                     | 111.5 | 107.2              | 110.3          | 113.4                 | 109.3         | 108.7                  | 109.1                    | ..... | ..... | ..... |
| 1970.....     | 116.3     | 114.9 | 118.9   | 110.1 | 128.5          | 110.1             | 107.3               | 113.4                     | 116.1 | 112.7              | 116.2          | 120.6                 | 113.2         | 113.4                  | 116.0                    | ..... | ..... | ..... |
| 1971.....     | 121.3     | 118.4 | 124.3   | 115.2 | 133.7          | 117.5             | 114.7               | 118.1                     | 119.8 | 118.6              | 122.2          | 128.4                 | 116.8         | 119.3                  | 120.9                    | ..... | ..... | ..... |
| 1972.....     | 125.3     | 123.5 | 129.2   | 119.2 | 140.1          | 118.5             | 120.5               | 121.0                     | 122.3 | 119.9              | 122.3          | 126.1                 | 132.5         | 119.8                  | 125.5                    | ..... | ..... | ..... |
| 1973.....     | 133.1     | 141.4 | 135.0   | 124.2 | 146.7          | 136.0             | 126.4               | 124.9                     | 126.8 | 123.8              | 130.2          | 137.7                 | 125.2         | 125.9                  | 129.0                    | ..... | ..... | ..... |
| 1972—Dec..... | 127.3     | 126.0 | 131.2   | 121.0 | 142.6          | 119.4             | 122.5               | 122.3                     | 125.0 | 121.3              | 127.5          | 134.4                 | 121.5         | 124.0                  | 126.5                    | ..... | ..... | ..... |
| 1973—Jan..... | 127.7     | 128.6 | 131.4   | 121.5 | 142.6          | 120.7             | 124.1               | 122.2                     | 123.0 | 121.0              | 127.8          | 134.9                 | 121.8         | 124.1                  | 126.7                    | ..... | ..... | ..... |
| Feb.....      | 128.6     | 131.1 | 132.0   | 122.1 | 142.9          | 127.2             | 124.5               | 122.6                     | 123.6 | 121.1              | 128.1          | 135.3                 | 122.4         | 124.3                  | 127.1                    | ..... | ..... | ..... |
| Mar.....      | 129.8     | 134.5 | 132.3   | 122.6 | 143.2          | 127.8             | 125.0               | 123.0                     | 124.8 | 121.5              | 128.6          | 135.8                 | 123.1         | 124.5                  | 127.6                    | ..... | ..... | ..... |
| Apr.....      | 130.7     | 136.5 | 132.8   | 123.0 | 143.6          | 128.3             | 125.5               | 123.6                     | 125.8 | 122.6              | 129.2          | 136.2                 | 123.8         | 125.2                  | 128.2                    | ..... | ..... | ..... |
| May.....      | 131.5     | 137.9 | 133.3   | 123.5 | 144.2          | 129.3             | 125.7               | 123.9                     | 126.7 | 123.5              | 129.6          | 137.0                 | 124.4         | 125.6                  | 128.5                    | ..... | ..... | ..... |
| June.....     | 132.4     | 139.8 | 133.9   | 123.9 | 145.0          | 131.6             | 125.4               | 124.7                     | 126.8 | 124.6              | 130.0          | 136.0                 | 124.9         | 125.9                  | 129.0                    | ..... | ..... | ..... |
| July.....     | 132.7     | 140.9 | 134.2   | 124.3 | 145.2          | 131.7             | 125.5               | 125.0                     | 125.8 | 124.8              | 130.3          | 137.3                 | 125.3         | 126.2                  | 129.5                    | ..... | ..... | ..... |
| Aug.....      | 135.1     | 149.4 | 135.2   | 125.0 | 147.0          | 132.8             | 125.8               | 125.3                     | 126.5 | 124.5              | 130.5          | 137.6                 | 125.7         | 126.1                  | 129.4                    | ..... | ..... | ..... |
| Sept.....     | 135.5     | 148.3 | 136.6   | 125.4 | 149.2          | 133.6             | 126.5               | 126.1                     | 128.3 | 123.9              | 131.1          | 138.3                 | 126.3         | 126.8                  | 129.9                    | ..... | ..... | ..... |
| Oct.....      | 136.6     | 148.4 | 138.1   | 125.9 | 151.5          | 141.1             | 127.4               | 126.7                     | 129.6 | 125.0              | 132.1          | 140.6                 | 127.3         | 127.2                  | 130.3                    | ..... | ..... | ..... |
| Nov.....      | 137.6     | 150.0 | 139.4   | 126.3 | 152.6          | 155.6             | 129.8               | 127.5                     | 130.5 | 125.8              | 132.6          | 140.9                 | 128.1         | 127.5                  | 130.8                    | ..... | ..... | ..... |
| Dec.....      | 138.5     | 151.3 | 140.5   | 126.9 | 153.6          | 172.8             | 131.0               | 128.0                     | 130.5 | 126.7              | 133.0          | 141.4                 | 129.2         | 127.6                  | 131.3                    | ..... | ..... | ..... |

NOTE.—Bureau of Labor Statistics index for city wage-earners and clerical workers.

## WHOLESALE PRICES: SUMMARY

(1967 = 100, except as noted)

| Period        | All commodities | Farm products | Processed foods and feeds | Industrial commodities |                |             |            |                 |              |              |             |              |                         |                 |                       |                          |               |
|---------------|-----------------|---------------|---------------------------|------------------------|----------------|-------------|------------|-----------------|--------------|--------------|-------------|--------------|-------------------------|-----------------|-----------------------|--------------------------|---------------|
|               |                 |               |                           | Total                  | Textiles, etc. | Hides, etc. | Fuel, etc. | Chemicals, etc. | Rubber, etc. | Lumber, etc. | Paper, etc. | Metals, etc. | Machinery and equipment | Furniture, etc. | Non-metallic minerals | Transportation equipment | Miscellaneous |
| 1960.....     | 94.9            | 97.2          | 89.5                      | 95.3                   | 99.5           | 90.8        | 96.1       | 101.8           | 103.1        | 95.3         | 98.1        | 92.4         | 92.0                    | 99.0            | 97.2                  | .....                    | 93.0          |
| 1961.....     | 94.5            | 96.3          | 91.0                      | 94.8                   | 97.7           | 91.7        | 97.2       | 100.7           | 99.2         | 91.0         | 95.2        | 91.9         | 91.9                    | 98.4            | 97.6                  | .....                    | 93.3          |
| 1962.....     | 94.8            | 98.0          | 91.9                      | 94.8                   | 98.6           | 92.7        | 96.7       | 99.1            | 96.3         | 91.6         | 96.3        | 91.2         | 92.0                    | 97.7            | 97.6                  | .....                    | 93.7          |
| 1963.....     | 94.5            | 96.0          | 92.5                      | 94.7                   | 98.5           | 90.0        | 96.3       | 97.9            | 96.8         | 93.5         | 95.6        | 91.3         | 92.2                    | 97.0            | 97.1                  | .....                    | 94.5          |
| 1964.....     | 94.7            | 94.6          | 92.3                      | 95.2                   | 99.2           | 90.3        | 93.7       | 98.3            | 95.5         | 95.4         | 95.4        | 93.8         | 92.8                    | 97.4            | 97.3                  | .....                    | 95.2          |
| 1965.....     | 96.6            | 98.7          | 95.5                      | 96.4                   | 99.8           | 94.3        | 95.5       | 99.0            | 95.9         | 95.9         | 96.2        | 96.4         | 93.9                    | 96.9            | 97.5                  | .....                    | 95.9          |
| 1966.....     | 99.8            | 105.9         | 101.2                     | 98.5                   | 100.1          | 103.4       | 97.8       | 99.4            | 97.8         | 100.2        | 98.8        | 98.8         | 96.8                    | 98.0            | 98.4                  | .....                    | 97.7          |
| 1967.....     | 100.0           | 100.0         | 100.0                     | 100.0                  | 100.0          | 100.0       | 100.0      | 100.0           | 100.0        | 100.0        | 100.0       | 100.0        | 100.0                   | 100.0           | 100.0                 | .....                    | 100.0         |
| 1968.....     | 102.5           | 102.5         | 102.2                     | 102.5                  | 103.7          | 103.2       | 98.9       | 99.8            | 103.4        | 113.3        | 101.1       | 102.6        | 103.2                   | 102.8           | 103.7                 | .....                    | 102.2         |
| 1969.....     | 106.5           | 109.1         | 107.3                     | 106.0                  | 106.0          | 108.9       | 100.9      | 99.9            | 105.3        | 125.3        | 104.0       | 108.5        | 106.5                   | 104.9           | 107.7                 | 100.8                    | 105.2         |
| 1970.....     | 110.4           | 111.0         | 112.0                     | 110.0                  | 107.2          | 110.1       | 105.9      | 102.2           | 108.6        | 113.7        | 108.2       | 116.7        | 111.4                   | 107.5           | 113.3                 | 104.5                    | 109.9         |
| 1971.....     | 113.9           | 112.9         | 114.3                     | 114.0                  | 108.6          | 114.0       | 114.2      | 104.2           | 108.6        | 127.0        | 110.1       | 119.0        | 115.5                   | 109.9           | 122.4                 | 110.3                    | 112.8         |
| 1972.....     | 119.1           | 125.0         | 120.8                     | 117.9                  | 113.6          | 131.3       | 118.6      | 104.2           | 109.3        | 144.3        | 113.4       | 123.5        | 117.9                   | 111.4           | 126.1                 | 113.8                    | 114.6         |
| 1973.....     | 135.5           | 176.3         | 148.1                     | 126.9                  | 123.8          | 143.1       | 145.5      | 110.0           | 112.4        | 177.2        | 122.1       | 132.8        | 121.7                   | 115.2           | 132.0                 | 115.1                    | 119.7         |
| 1972—Dec..... | 122.9           | 137.5         | 129.4                     | 119.4                  | 115.6          | 142.2       | 121.9      | 104.8           | 109.8        | 149.8        | 115.1       | 124.4        | 118.6                   | 112.4           | 127.4                 | 114.2                    | 115.1         |
| 1973—Jan..... | 124.5           | 144.2         | 132.4                     | 120.0                  | 116.6          | 143.9       | 122.2      | 105.1           | 110.0        | 151.0        | 115.8       | 125.6        | 118.9                   | 112.6           | 128.2                 | 114.1                    | 115.8         |
| Feb.....      | 126.9           | 150.9         | 137.0                     | 121.3                  | 117.4          | 144.9       | 126.0      | 105.6           | 110.1        | 161.0        | 116.5       | 126.9        | 119.4                   | 113.1           | 128.4                 | 114.2                    | 117.1         |
| Mar.....      | 129.7           | 160.9         | 141.4                     | 122.7                  | 119.0          | 143.5       | 126.7      | 106.7           | 110.3        | 173.2        | 118.3       | 129.2        | 120.0                   | 113.5           | 129.0                 | 114.5                    | 117.9         |
| Apr.....      | 130.7           | 160.6         | 139.8                     | 124.4                  | 120.8          | 145.0       | 131.8      | 107.7           | 110.6        | 182.0        | 119.8       | 130.5        | 120.8                   | 114.1           | 130.0                 | 114.9                    | 118.6         |
| May.....      | 133.5           | 170.4         | 145.0                     | 125.8                  | 122.3          | 142.2       | 135.5      | 109.3           | 111.5        | 186.9        | 120.7       | 131.7        | 121.5                   | 115.1           | 130.5                 | 115.1                    | 119.5         |
| June.....     | 136.7           | 182.3         | 151.8                     | 126.9                  | 123.7          | 140.9       | 142.8      | 110.4           | 112.6        | 183.1        | 122.0       | 132.5        | 121.9                   | 115.2           | 131.1                 | 115.0                    | 120.2         |
| July.....     | 134.9           | 173.3         | 146.5                     | 126.9                  | 124.2          | 141.4       | 142.8      | 110.8           | 112.9        | 177.8        | 122.3       | 132.8        | 122.0                   | 115.2           | 130.0                 | 115.0                    | 120.9         |
| Aug.....      | 142.7           | 213.3         | 166.2                     | 127.4                  | 125.2          | 143.0       | 142.9      | 111.0           | 113.1        | 178.8        | 123.3       | 133.7        | 122.3                   | 115.9           | 130.0                 | 115.1                    | 121.0         |
| Sept.....     | 140.2           | 200.4         | 156.3                     | 128.1                  | 126.8          | 143.8       | 144.8      | 111.5           | 112.8        | 181.9        | 124.4       | 134.4        | 122.6                   | 116.0           | 129.9                 | 114.5                    | 121.1         |
| Oct.....      | 139.5           | 188.4         | 153.1                     | 129.6                  | 128.5          | 143.8       | 150.5      | 112.7           | 114.0        | 180.3        | 125.8       | 135.9        | 123.1                   | 116.6           | 130.9                 | 115.9                    | 121.0         |
| Nov.....      | 141.8           | 184.0         | 151.9                     | 133.5                  | 130.0          | 143.0       | 179.2      | 113.5           | 114.8        | 184.7        | 127.6       | 138.5        | 123.8                   | 117.2           | 131.5                 | 116.1                    | 121.3         |
| Dec.....      | 145.3           | 187.2         | 155.7                     | 137.1                  | 131.4          | 141.9       | 201.3      | 115.6           | 116.5        | 186.1        | 128.7       | 141.8        | 124.6                   | 117.5           | 132.6                 | 117.3                    | 121.6         |

1 Dec. 1968=100.

WHOLESALE PRICES: DETAIL

(1967=100)

| Group   | 1972  |       |       |       | 1973   |       |       |       |       |
|---|-------|-------|-------|-------|--|-------|-------|-------|-------|
|   | Dec.  | Oct.  | Nov.  | Dec.  | Dec.   | Oct.  | Nov.  | Dec.  |       |
| <i>Farm products:</i>                                 |       |       |       |       | <i>Pulp, paper, and allied products:</i>                     |       |       |       |       |
| Fresh and dried produce                               | 134.6 | 162.1 | 168.2 | 171.6 | Pulp, paper and products, excluding building paper and board | 115.4 | 126.1 | 127.9 | 129.1 |
| Grains  | 137.6 | 229.0 | 220.8 | 248.7 | Woodpulp   | 111.5 | 145.7 | 146.2 | 149.3 |
| Livestock   | 152.6 | 185.5 | 180.0 | 171.0 | Wastepaper   | 133.6 | 252.9 | 292.2 | 304.9 |
| Live poultry  | 103.6 | 189.2 | 154.4 | 144.5 | Paper  | 117.5 | 122.3 | 124.7 | 125.2 |
| Plant and animal fibers                               | 120.9 | 266.5 | 234.0 | 259.3 | Paperboard   | 107.1 | 116.0 | 119.7 | 120.7 |
| Fluid milk  | 123.6 | 168.2 | 177.2 | 177.2 | Converted paper and paperboard                               | 115.8 | 123.8 | 124.4 | 125.3 |
| Eggs  | 143.9 | 177.7 | 181.2 | 190.6 | Building paper and board                                     | 107.2 | 117.7 | 118.8 | 120.1 |
| Hay and seeds   | 141.6 | 211.1 | 194.3 | 210.5 | <i>Metals and metal products:</i>                            |       |       |       |       |
| Other farm products                                   | 135.3 | 154.7 | 152.6 | 149.1 | Iron and steel   | 129.5 | 138.6 | 141.6 | 142.4 |
| <i>Processed foods and feeds:</i>                     |       |       |       |       | Steelmill products   | 130.2 | 135.3 | 135.3 | 135.3 |
| Cereal and bakery products                            | 120.1 | 150.5 | 156.2 | 160.1 | Nonferrous metals  | 117.4 | 140.7 | 144.9 | 155.6 |
| Meat, poultry, and fish                               | 136.3 | 170.2 | 165.0 | 164.9 | Metal containers   | 131.1 | 134.8 | 134.8 | 134.8 |
| Dairy products  | 123.0 | 139.6 | 139.9 | 142.3 | Hardware   | 121.4 | 127.7 | 128.2 | 129.1 |
| Processed fruits and vegetables                       | 124.7 | 135.0 | 136.3 | 137.8 | Plumbing equipment   | 120.8 | 127.8 | 129.1 | 130.2 |
| Sugar and confectionery                               | 122.1 | 139.8 | 143.8 | 142.0 | Heating equipment  | 119.2 | 120.8 | 121.1 | 121.6 |
| Beverages and beverage materials                      | 119.7 | 123.0 | 123.8 | 124.4 | Fabricated structural metal products                         | 123.3 | 129.6 | 130.9 | 131.8 |
| Animal fats and oils                                  | 122.9 | 308.8 | 247.8 | 264.8 | Miscellaneous metal products                                 | 124.8 | 132.2 | 133.8 | 134.7 |
| Crude vegetable oils                                  | 99.2  | 223.0 | 164.7 | 232.5 | <i>Machinery and equipment:</i>                              |       |       |       |       |
| Refined vegetable oils                                | 108.8 | 180.5 | 159.1 | 208.6 | Agricultural machinery and equip.                            | 122.9 | 127.5 | 128.9 | 129.4 |
| Vegetable oil end products                            | 119.2 | 167.6 | 164.8 | 168.7 | Construction machinery and equip.                            | 126.3 | 132.5 | 132.7 | 134.1 |
| Miscellaneous processed foods                         | 115.8 | 129.3 | 129.4 | 130.7 | Metalworking machinery and equip.                            | 121.3 | 127.5 | 128.0 | 128.9 |
| Manufactured animal feeds                             | 163.6 | 184.5 | 183.3 | 201.0 | General purpose machinery and equipment                      | 123.4 | 128.4 | 130.3 | 130.7 |
| <i>Textile products and apparel:</i>                  |       |       |       |       | Special industry machinery and equipment                     | 124.6 | 132.9 | 133.3 | 134.9 |
| Cotton products                                       | 124.8 | 155.5 | 161.2 | 165.2 | Electrical machinery and equip.                              | 110.6 | 113.0 | 113.3 | 114.0 |
| Wool products   | 108.8 | 130.2 | 128.9 | 128.7 | Miscellaneous machinery                                      | 121.0 | 125.2 | 125.6 | 126.3 |
| Manmade fiber textile products                        | 110.3 | 127.7 | 128.6 | 129.7 | <i>Furniture and household durables:</i>                     |       |       |       |       |
| Apparel   | 116.0 | 121.5 | 121.9 | 122.2 | Household furniture  | 118.5 | 125.2 | 126.6 | 127.1 |
| Textile housefurnishings                              | 109.9 | 115.2 | 119.1 | 126.4 | Commercial furniture   | 123.4 | 133.6 | 133.9 | 134.0 |
| Miscellaneous textile products                        | 119.9 | 127.0 | 132.0 | 131.9 | Floor coverings  | 99.2  | 103.3 | 103.4 | 103.6 |
| <i>Hides, skins, leather, and products:</i>           |       |       |       |       | Household appliances   | 107.9 | 109.1 | 109.5 | 109.8 |
| Hides and skins                                       | 255.2 | 256.3 | 239.8 | 227.3 | Home electronic equipment                                    | 92.3  | 91.5  | 91.5  | 91.1  |
| Leather   | 162.2 | 160.7 | 160.4 | 156.1 | Other household durable goods                                | 127.0 | 131.3 | 132.0 | 132.9 |
| Footwear  | 128.7 | 131.0 | 131.9 | 132.5 | <i>Nonmetallic mineral products:</i>                         |       |       |       |       |
| Other leather products                                | 128.4 | 130.5 | 130.1 | 130.3 | Flat glass   | 122.5 | 118.2 | 120.6 | 123.6 |
| <i>Fuels and related products, and power:</i>         |       |       |       |       | Concrete ingredients   | 128.5 | 131.9 | 132.0 | 132.1 |
| Coal  | 205.5 | 224.1 | 239.0 | 240.7 | Concrete products  | 127.5 | 133.6 | 134.1 | 134.5 |
| Coke  | 159.9 | 167.3 | 167.3 | 170.0 | Structural clay products excluding refractories              | 118.9 | 124.6 | 124.6 | 124.8 |
| Gas fuels   | 119.2 | 133.4 | 133.1 | 137.6 | Refractories   | 132.1 | 136.3 | 136.3 | 136.3 |
| Electric power  | 122.9 | 132.1 | 133.5 | 135.9 | Asphalt roofing  | 131.2 | 136.8 | 139.7 | 139.7 |
| Crude petroleum                                       | 114.7 | 133.3 | 139.3 | 146.2 | Gypsum products  | 114.8 | 122.4 | 122.0 | 123.3 |
| Petroleum products, refined                           | 112.0 | 156.6 | 210.9 | 252.0 | Glass containers   | 136.4 | 143.5 | 143.5 | 143.5 |
| <i>Chemicals and allied products:</i>                 |       |       |       |       | Other nonmetallic minerals                                   | 127.3 | 127.3 | 127.7 | 131.7 |
| Industrial chemicals                                  | 101.0 | 105.3 | 105.4 | 105.9 | <i>Transportation equipment:<sup>1</sup></i>                 |       |       |       |       |
| Prepared paint  | 118.2 | 126.0 | 128.1 | 128.6 | Motor vehicles and equipment                                 | 118.4 | 120.0 | 120.1 | 121.4 |
| Paint materials                                       | 106.3 | 116.8 | 117.1 | 123.6 | Railroad equipment   | 131.1 | 136.2 | 136.7 | 138.6 |
| Drugs and pharmaceuticals                             | 103.7 | 104.7 | 104.9 | 105.1 | <i>Miscellaneous products:</i>                               |       |       |       |       |
| Fats and oils, inedible                               | 128.2 | 273.0 | 241.8 | 286.0 | Toys, sporting goods, small arms, ammunition                 | 115.1 | 119.2 | 119.9 | 120.0 |
| Agricultural chemicals and products                   | 92.5  | 95.9  | 104.9 | 106.1 | Tobacco products   | 117.5 | 122.7 | 122.8 | 123.0 |
| Plastic resins and materials                          | 89.3  | 92.4  | 93.1  | 93.0  | Notions  | 112.9 | 115.5 | 117.1 | 118.0 |
| Other chemicals and products                          | 114.0 | 121.2 | 122.1 | 124.6 | Photographic equipment and supplies                          | 107.0 | 108.6 | 108.7 | 109.2 |
| <i>Rubber and plastic products:</i>                   |       |       |       |       | Other miscellaneous products                                 | 117.2 | 127.8 | 128.2 | 128.5 |
| Rubber and rubber products                            | 114.6 | 120.2 | 121.2 | 123.5 |  |       |       |       |       |
| Crude rubber  | 101.2 | 111.4 | 113.9 | 125.8 |  |       |       |       |       |
| Tires and tubes                                       | 109.7 | 115.1 | 116.3 | 116.3 |  |       |       |       |       |
| Miscellaneous rubber products                         | 122.0 | 126.4 | 126.8 | 128.2 |  |       |       |       |       |
| Plastic construction products (Dec. 1969=100)         | 93.3  | 94.7  | 94.4  | 94.8  |  |       |       |       |       |
| Unsupported plastic film and sheeting (Dec. 1970=100) | 98.6  | 101.1 | 101.4 | 102.2 |  |       |       |       |       |
| Laminated sheets, high pressure (Dec. 1970=100)       | 97.9  | 97.7  | 99.5  | 99.9  |  |       |       |       |       |
| <i>Lumber and wood products:</i>                      |       |       |       |       |  |       |       |       |       |
| Lumber  | 167.9 | 214.5 | 211.1 | 214.8 |  |       |       |       |       |
| Millwork  | 130.7 | 149.4 | 149.5 | 150.4 |  |       |       |       |       |
| Plywood   | 132.3 | 134.6 | 169.9 | 166.0 |  |       |       |       |       |
| Other wood products                                   | 130.5 | 158.2 | 159.0 | 159.1 |  |       |       |       |       |

<sup>1</sup> Dec. 1968 = 100.

NOTE.—Bureau of Labor Statistics indexes.

**GROSS NATIONAL PRODUCT**

(In billions of dollars)

| Item   | 1929  | 1933  | 1941  | 1950  | 1969  | 1970  | 1971    | 1972    | 1973 <sup>p</sup> | 1972    |         | 1973    |         |                 |  |
|--|-------|-------|-------|-------|-------|-------|---------|---------|-------------------|---------|---------|---------|---------|-----------------|--|
|  |       |       |       |       |       |       |         |         |                   | IV      | I       | II      | III     | IV <sup>p</sup> |  |
| <b>Gross national product</b>                            | 103.1 | 55.6  | 124.5 | 284.8 | 930.3 | 977.1 | 1,055.5 | 1,155.2 | 1,288.2           | 1,199.2 | 1,242.5 | 1,272.0 | 1,304.5 | 1,334.0         |  |
| <i>Final purchases</i>                                   | 101.4 | 57.2  | 120.1 | 278.0 | 922.5 | 972.6 | 1,049.4 | 1,149.1 | 1,280.8           | 1,191.0 | 1,237.8 | 1,267.6 | 1,299.8 | 1,318.1         |  |
| <b>Personal consumption expenditures</b>                 | 77.2  | 45.8  | 80.6  | 191.0 | 579.5 | 617.6 | 667.2   | 726.5   | 805.0             | 752.6   | 779.4   | 795.6   | 816.0   | 829.0           |  |
| Durable goods  | 9.2   | 3.5   | 9.6   | 30.5  | 90.8  | 91.3  | 103.6   | 117.4   | 131.1             | 122.9   | 132.2   | 132.8   | 132.8   | 126.8           |  |
| Nondurable goods   | 37.7  | 22.3  | 42.9  | 98.1  | 245.9 | 263.8 | 278.7   | 299.9   | 336.3             | 310.7   | 322.2   | 330.3   | 341.6   | 351.1           |  |
| Services   | 30.3  | 20.1  | 28.1  | 62.4  | 242.7 | 262.6 | 284.9   | 309.2   | 337.6             | 319.0   | 325.0   | 332.6   | 341.6   | 351.2           |  |
| <b>Gross private domestic investment</b>                 | 16.2  | 1.4   | 17.9  | 54.1  | 139.0 | 136.3 | 153.2   | 178.3   | 201.5             | 189.4   | 194.5   | 198.2   | 202.0   | 211.1           |  |
| Fixed investment   | 14.5  | 3.0   | 13.4  | 47.3  | 131.1 | 131.7 | 147.1   | 172.3   | 194.0             | 181.2   | 189.9   | 193.7   | 197.3   | 195.3           |  |
| Nonresidential   | 10.6  | 2.4   | 9.5   | 27.9  | 98.5  | 100.6 | 104.4   | 118.2   | 136.0             | 124.3   | 130.9   | 134.1   | 138.0   | 141.1           |  |
| Structures   | 5.0   | .9    | 2.9   | 9.2   | 34.2  | 36.1  | 37.9    | 41.7    | 48.3              | 43.0    | 45.3    | 47.2    | 49.5    | 51.1            |  |
| Producers' durable equipment                             | 5.6   | 1.5   | 6.6   | 18.7  | 64.3  | 64.4  | 66.5    | 76.5    | 87.7              | 81.2    | 85.5    | 86.9    | 88.6    | 90.0            |  |
| Residential structures                                   | 4.0   | .6    | 3.9   | 19.4  | 32.6  | 31.2  | 42.7    | 54.0    | 58.0              | 56.9    | 59.0    | 59.6    | 59.2    | 54.2            |  |
| Nonfarm  | 3.8   | .5    | 3.7   | 18.6  | 32.0  | 30.7  | 42.2    | 53.5    | 57.4              | 56.4    | 58.4    | 59.1    | 58.6    | 53.6            |  |
| Change in business inventories                           | 1.7   | -1.6  | 4.5   | 6.8   | 7.8   | 4.5   | 6.1     | 6.0     | 7.4               | 8.2     | 4.6     | 4.5     | 4.7     | 15.9            |  |
| Nonfarm  | 1.8   | -1.4  | 4.0   | 6.0   | 7.7   | 4.3   | 4.5     | 5.6     | 6.7               | 7.9     | 4.4     | 4.4     | 3.2     | 14.9            |  |
| <b>Net exports of goods and services</b>                 | 1.1   | .4    | 1.3   | 1.8   | 1.9   | 3.6   | .8      | -4.6    | 4.6               | -3.5    | .0      | 2.8     | 7.6     | 8.0             |  |
| Exports  | 7.0   | 2.4   | 5.9   | 13.8  | 55.5  | 62.9  | 66.3    | 73.5    | 101.3             | 79.7    | 89.7    | 97.2    | 104.5   | 113.5           |  |
| Imports  | 5.9   | 2.0   | 4.6   | 12.0  | 53.6  | 59.3  | 65.5    | 78.1    | 96.7              | 83.2    | 89.7    | 94.4    | 97.0    | 105.6           |  |
| <b>Government purchases of goods and services</b>        | 8.5   | 8.0   | 24.8  | 37.9  | 210.0 | 219.5 | 234.3   | 255.0   | 277.2             | 260.7   | 268.6   | 275.3   | 279.0   | 285.8           |  |
| Federal  | 1.3   | 2.0   | 16.9  | 18.4  | 98.8  | 96.2  | 98.1    | 104.4   | 106.9             | 102.7   | 105.5   | 107.3   | 106.8   | 107.8           |  |
| National defense   |       |       | 13.8  | 14.1  | 78.4  | 74.6  | 71.6    | 74.4    | 74.2              | 72.4    | 74.3    | 74.2    | 74.2    | 74.0            |  |
| Other  |       |       | 3.1   | 4.3   | 20.4  | 21.6  | 26.5    | 30.1    | 32.7              | 30.3    | 31.2    | 33.1    | 32.7    | 33.8            |  |
| State and local  | 7.2   | 6.0   | 7.9   | 19.5  | 111.2 | 123.3 | 136.2   | 150.5   | 170.3             | 158.0   | 163.0   | 168.0   | 172.2   | 178.0           |  |
| <b>Gross national product in constant (1958) dollars</b> | 203.6 | 141.5 | 263.7 | 355.3 | 725.6 | 722.5 | 745.4   | 790.7   | 837.3             | 812.3   | 829.3   | 834.3   | 841.3   | 844.1           |  |

NOTE.—Dept. of Commerce estimates. Quarterly data are seasonally adjusted totals at annual rates. For back data and explanation of series, see the *Survey of Current Business*, (generally the July issue) and the Aug. 1966 Supplement to the *Survey*.

**NATIONAL INCOME**

(In billions of dollars)

| Item  | 1929 | 1933 | 1941  | 1950  | 1969  | 1970  | 1971  | 1972  | 1973 <sup>p</sup> | 1972  |         | 1973    |         |                 |  |
|---|------|------|-------|-------|-------|-------|-------|-------|-------------------|-------|---------|---------|---------|-----------------|--|
|   |      |      |       |       |       |       |       |       |                   | IV    | I       | II      | III     | IV <sup>p</sup> |  |
| <b>National income</b>                                      | 86.8 | 40.3 | 104.2 | 241.1 | 766.0 | 800.5 | 859.4 | 941.8 | 1,054.2           | 978.6 | 1,015.0 | 1,038.2 | 1,067.4 | .....           |  |
| <b>Compensation of employees</b>                            | 51.1 | 29.5 | 64.8  | 154.6 | 566.0 | 603.9 | 644.1 | 707.1 | 785.3             | 731.2 | 757.4   | 774.9   | 794.0   | 815.0           |  |
| Wages and salaries  | 50.4 | 29.0 | 62.1  | 146.8 | 509.7 | 542.0 | 573.8 | 627.3 | 691.5             | 648.7 | 666.7   | 682.3   | 699.3   | 717.6           |  |
| Private   | 45.5 | 23.9 | 51.9  | 124.4 | 405.6 | 426.9 | 449.7 | 493.3 | 546.1             | 510.9 | 525.1   | 538.7   | 553.2   | 567.2           |  |
| Military  | .3   | .3   | 1.9   | 5.0   | 19.0  | 19.6  | 19.4  | 20.3  | 20.8              | 20.1  | 20.9    | 20.5    | 20.4    | 21.3            |  |
| Government civilian   | 4.6  | 4.9  | 8.3   | 17.4  | 85.1  | 95.5  | 104.7 | 113.8 | 124.6             | 117.7 | 120.7   | 123.1   | 125.7   | 129.1           |  |
| Supplements to wages and salaries                           | .7   | .5   | 2.7   | 7.8   | 56.3  | 61.9  | 70.3  | 79.7  | 93.9              | 82.5  | 90.8    | 92.6    | 94.7    | 97.5            |  |
| Employer contributions for social insurance                 | .1   | .1   | 2.0   | 4.0   | 27.8  | 29.7  | 33.7  | 39.0  | 49.0              | 40.2  | 47.4    | 48.3    | 49.4    | 50.8            |  |
| Other labor income  | .6   | .4   | .7    | 3.8   | 28.4  | 32.2  | 36.6  | 40.7  | 44.9              | 42.3  | 43.3    | 44.2    | 45.3    | 46.7            |  |
| <b>Proprietors' income</b>                                  | 15.1 | 5.9  | 17.5  | 37.5  | 67.2  | 66.9  | 68.7  | 74.2  | 84.3              | 77.1  | 80.6    | 81.5    | 85.0    | 90.0            |  |
| Business and professional                                   | 9.0  | 3.3  | 11.1  | 24.0  | 50.5  | 50.0  | 51.9  | 54.0  | 57.5              | 55.3  | 56.3    | 57.1    | 57.9    | 58.7            |  |
| Farm  | 6.2  | 2.6  | 6.4   | 13.5  | 16.7  | 16.9  | 16.8  | 20.2  | 26.8              | 21.8  | 24.3    | 24.4    | 27.1    | 31.3            |  |
| <b>Rental income of persons</b>                             | 5.4  | 2.0  | 3.5   | 9.4   | 22.6  | 23.9  | 24.5  | 24.1  | 25.1              | 24.9  | 24.7    | 24.6    | 25.3    | 25.7            |  |
| <b>Corporate profits and inventory valuation adjustment</b> | 10.5 | -1.2 | 15.2  | 37.7  | 79.8  | 69.2  | 80.1  | 91.1  | 109.2             | 98.8  | 104.3   | 107.9   | 112.0   | .....           |  |
| Profits before tax  | 10.0 | 1.0  | 17.7  | 42.6  | 84.9  | 74.0  | 85.1  | 98.0  | 126.5             | 106.1 | 119.6   | 128.9   | 129.0   | .....           |  |
| Profits tax liability                                       | 1.4  | .5   | 7.6   | 17.8  | 40.1  | 34.8  | 37.4  | 42.7  | 56.2              | 45.9  | 52.7    | 57.4    | 57.6    | .....           |  |
| Profits after tax   | 8.6  | .4   | 10.1  | 24.9  | 44.8  | 39.3  | 47.6  | 55.4  | 70.2              | 60.3  | 66.9    | 71.6    | 71.5    | .....           |  |
| Dividends   | 5.8  | 2.0  | 4.4   | 8.8   | 24.3  | 24.7  | 25.1  | 26.0  | 27.8              | 26.4  | 26.9    | 27.3    | 28.1    | 29.0            |  |
| Undistributed profits                                       | 2.8  | -1.6 | 5.7   | 16.0  | 20.5  | 14.6  | 22.5  | 29.3  | 42.4              | 33.9  | 40.0    | 44.2    | 43.4    | .....           |  |
| Inventory valuation adjustment                              | .5   | -2.1 | -2.5  | -5.0  | -5.1  | -4.8  | -4.9  | -6.9  | -17.3             | -7.3  | -15.4   | -21.1   | -17.0   | -15.6           |  |
| <b>Net interest</b>   | 4.7  | 4.1  | 3.2   | 2.0   | 30.5  | 36.5  | 42.0  | 45.2  | 50.4              | 46.6  | 47.9    | 49.4    | 51.1    | 53.0            |  |

NOTE.—Dept. of Commerce estimates. Quarterly data are seasonally adjusted totals at annual rates. See also NOTE to table above.

**RELATION OF GROSS NATIONAL PRODUCT, NATIONAL INCOME, AND PERSONAL INCOME AND SAVING**

(In billions of dollars)

| Item  | 1929         | 1933         | 1941         | 1950         | 1969         | 1970         | 1971           | 1972           | 1973 <sup>a</sup> | 1972           |                |                |                |                 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|-----------------|
|   |              |              |              |              |              |              |                |                |                   | IV             | I              | II             | III            | IV <sup>a</sup> |
| <b>Gross national product</b>   | <b>103.1</b> | <b>55.6</b>  | <b>124.5</b> | <b>284.8</b> | <b>930.3</b> | <b>977.1</b> | <b>1,065.5</b> | <b>1,155.2</b> | <b>1,288.2</b>    | <b>1,199.2</b> | <b>1,242.5</b> | <b>1,272.0</b> | <b>1,304.5</b> | <b>1,334.0</b>  |
| <i>Less:</i> Capital consumption allowances                           | 7.9          | 7.0          | 8.2          | 18.3         | 81.6         | 87.3         | 93.8           | 102.4          | 109.6             | 105.1          | 106.9          | 109.0          | 110.5          | 112.1           |
| Indirect business tax and nontax liability                            | 7.0          | 7.1          | 11.3         | 23.3         | 85.9         | 93.5         | 102.4          | 109.5          | 117.8             | 112.8          | 115.6          | 117.2          | 118.5          | 120.2           |
| Business transfer payments  | .6           | .7           | .5           | .8           | 3.8          | 4.0          | 4.3            | 4.6            | 4.9               | 4.7            | 4.8            | 4.9            | 5.0            | 5.1             |
| Statistical discrepancy   | .7           | .6           | .4           | 1.5          | -6.1         | -6.4         | -3.4           | -1.5           | 2.3               | .2             | 1.1            | 3.2            | 3.7            | .....           |
| <i>Plus:</i> Subsidies less current surplus of government enterprises | -1           | .....        | .1           | .2           | 1.0          | 1.7          | 1.2            | 1.7            | .7                | 2.2            | .9             | .4             | .6             | .9              |
| <b>Equals: National income</b>  | <b>86.8</b>  | <b>40.3</b>  | <b>104.2</b> | <b>241.1</b> | <b>766.0</b> | <b>800.5</b> | <b>859.4</b>   | <b>941.8</b>   | <b>1,054.2</b>    | <b>978.6</b>   | <b>1,015.0</b> | <b>1,038.2</b> | <b>1,067.4</b> | .....           |
| <i>Less:</i> Corporate profits and inventory valuation adjustment     | 10.5         | -1.2         | 15.2         | 37.7         | 79.8         | 69.2         | 80.1           | 91.1           | 109.2             | 98.8           | 104.3          | 107.9          | 112.0          | .....           |
| Contributions for social insurance                                    | .2           | .3           | 2.8          | 6.9          | 54.2         | 57.7         | 64.6           | 73.7           | 92.1              | 75.8           | 89.3           | 90.9           | 93.0           | 95.0            |
| Excess of wage accruals over disbursements                            | .....        | .....        | .....        | .....        | .....        | .0           | .6             | -1.5           | -1.1              | .0             | .0             | -1.3           | .0             | .0              |
| <i>Plus:</i> Government transfer payments                             | .9           | 1.5          | 2.6          | 14.3         | 61.9         | 75.1         | 88.9           | 98.3           | 112.5             | 107.3          | 108.8          | 110.8          | 113.7          | 116.8           |
| Net interest paid by government and consumers                         | 2.5          | 1.6          | 2.2          | 7.2          | 28.7         | 31.0         | 31.0           | 32.7           | 37.1              | 33.7           | 34.7           | 36.1           | 38.0           | 39.6            |
| Dividends   | 5.8          | 2.0          | 4.4          | 8.8          | 24.3         | 24.7         | 25.1           | 26.0           | 27.8              | 26.4           | 26.9           | 27.5           | 28.1           | 29.0            |
| Business transfer payments  | .6           | .7           | .5           | .8           | 3.8          | 4.0          | 4.3            | 4.6            | 4.9               | 4.7            | 4.8            | 4.9            | 5.0            | 5.1             |
| <b>Equals: Personal income</b>  | <b>85.9</b>  | <b>47.0</b>  | <b>96.0</b>  | <b>227.6</b> | <b>750.9</b> | <b>808.3</b> | <b>863.5</b>   | <b>939.2</b>   | <b>1,035.5</b>    | <b>976.1</b>   | <b>996.6</b>   | <b>1,019.0</b> | <b>1,047.1</b> | <b>1,079.2</b>  |
| <i>Less:</i> Personal tax and nontax payments                         | 2.6          | 1.5          | 3.3          | 20.7         | 116.5        | 116.6        | 117.5          | 142.2          | 152.9             | 147.4          | 145.1          | 149.3          | 156.0          | 161.2           |
| <b>Equals: Disposable personal income</b>                             | <b>83.3</b>  | <b>45.5</b>  | <b>92.7</b>  | <b>206.9</b> | <b>634.4</b> | <b>691.7</b> | <b>746.0</b>   | <b>797.0</b>   | <b>882.6</b>      | <b>828.7</b>   | <b>851.5</b>   | <b>869.7</b>   | <b>891.1</b>   | <b>918.0</b>    |
| <i>Less:</i> Personal outlays   | 79.1         | 46.5         | 81.7         | 193.9        | 596.2        | 635.5        | 685.8          | 747.2          | 828.7             | 774.3          | 801.5          | 818.7          | 840.1          | 854.6           |
| Personal consumption expenditures                                     | 77.2         | 45.8         | 80.6         | 191.0        | 579.5        | 617.6        | 667.2          | 726.5          | 805.0             | 752.6          | 779.4          | 795.6          | 816.0          | 829.0           |
| Consumer interest payments  | 1.5          | .5           | .9           | 2.4          | 15.8         | 16.8         | 17.7           | 19.7           | 22.5              | 20.7           | 21.2           | 22.0           | 23.0           | 23.8            |
| Personal transfer payments to foreigners                              | .3           | .2           | .2           | .5           | .9           | 1.0          | 1.0            | 1.0            | 1.2               | 1.1            | .9             | 1.0            | 1.1            | 1.8             |
| <b>Equals: Personal saving</b>  | <b>4.2</b>   | <b>-9</b>    | <b>11.0</b>  | <b>13.1</b>  | <b>38.2</b>  | <b>56.2</b>  | <b>60.2</b>    | <b>49.7</b>    | <b>53.8</b>       | <b>54.4</b>    | <b>50.0</b>    | <b>51.0</b>    | <b>51.1</b>    | <b>63.3</b>     |
| <b>Disposable personal income in constant (1958) dollars</b>          | <b>150.6</b> | <b>112.2</b> | <b>190.3</b> | <b>249.6</b> | <b>513.6</b> | <b>534.8</b> | <b>554.9</b>   | <b>577.9</b>   | <b>608.1</b>      | <b>595.1</b>   | <b>603.9</b>   | <b>604.8</b>   | <b>609.5</b>   | <b>613.9</b>    |

NOTE.—Dept. of Commerce estimates. Quarterly data are seasonally adjusted totals at annual rates. See also NOTE to table at top of opposite page.

**PERSONAL INCOME**

(In billions of dollars)

| Item   | 1972         | 1973 <sup>a</sup> | 1972         |              |              |                |                |                |                |                |                |                |                |                |                   |
|--|--------------|-------------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|
|  |              |                   | Dec.         | Jan.         | Feb.         | Mar.           | Apr.           | May            | June           | July           | Aug.           | Sept.          | Oct.           | Nov.           | Dec. <sup>a</sup> |
| <b>Total personal income</b>                             | <b>939.2</b> | <b>1,035.5</b>    | <b>983.6</b> | <b>989.1</b> | <b>997.4</b> | <b>1,003.3</b> | <b>1,011.6</b> | <b>1,018.7</b> | <b>1,026.6</b> | <b>1,035.6</b> | <b>1,047.3</b> | <b>1,058.5</b> | <b>1,068.5</b> | <b>1,079.4</b> | <b>1,089.6</b>    |
| <i>Wage and salary disbursements</i>                     | <i>627.8</i> | <i>691.5</i>      | <i>654.0</i> | <i>661.7</i> | <i>667.2</i> | <i>671.1</i>   | <i>677.6</i>   | <i>682.0</i>   | <i>688.2</i>   | <i>693.2</i>   | <i>698.9</i>   | <i>706.0</i>   | <i>711.2</i>   | <i>717.8</i>   | <i>723.7</i>      |
| <i>Commodity-producing industries</i>                    | <i>226.0</i> | <i>252.0</i>      | <i>236.8</i> | <i>239.2</i> | <i>242.2</i> | <i>243.5</i>   | <i>245.9</i>   | <i>248.3</i>   | <i>251.7</i>   | <i>253.4</i>   | <i>254.8</i>   | <i>257.8</i>   | <i>259.5</i>   | <i>262.5</i>   | <i>264.8</i>      |
| <i>Manufacturing only</i>                                | <i>175.9</i> | <i>196.8</i>      | <i>185.6</i> | <i>187.1</i> | <i>189.6</i> | <i>190.6</i>   | <i>192.9</i>   | <i>194.7</i>   | <i>197.0</i>   | <i>197.9</i>   | <i>198.7</i>   | <i>200.8</i>   | <i>202.5</i>   | <i>204.6</i>   | <i>205.7</i>      |
| <i>Distributive industries</i>                           | <i>151.5</i> | <i>165.1</i>      | <i>157.2</i> | <i>158.7</i> | <i>159.3</i> | <i>160.6</i>   | <i>162.2</i>   | <i>163.2</i>   | <i>164.5</i>   | <i>165.3</i>   | <i>167.1</i>   | <i>168.7</i>   | <i>169.6</i>   | <i>170.8</i>   | <i>171.8</i>      |
| <i>Service industries</i>                                | <i>116.1</i> | <i>129.0</i>      | <i>121.3</i> | <i>122.9</i> | <i>124.1</i> | <i>124.9</i>   | <i>126.4</i>   | <i>126.8</i>   | <i>127.7</i>   | <i>129.4</i>   | <i>130.8</i>   | <i>132.5</i>   | <i>132.9</i>   | <i>134.1</i>   | <i>135.8</i>      |
| <i>Government</i>  | <i>134.2</i> | <i>145.4</i>      | <i>138.7</i> | <i>140.9</i> | <i>141.6</i> | <i>142.2</i>   | <i>143.1</i>   | <i>143.7</i>   | <i>144.4</i>   | <i>145.1</i>   | <i>146.2</i>   | <i>147.0</i>   | <i>149.2</i>   | <i>150.4</i>   | <i>151.3</i>      |
| <i>Other labor income</i>                                | <i>40.7</i>  | <i>44.9</i>       | <i>42.7</i>  | <i>43.0</i>  | <i>43.3</i>  | <i>43.6</i>    | <i>43.9</i>    | <i>44.2</i>    | <i>44.5</i>    | <i>44.8</i>    | <i>45.3</i>    | <i>45.8</i>    | <i>46.2</i>    | <i>46.7</i>    | <i>47.1</i>       |
| <i>Proprietors' income</i>                               | <i>74.2</i>  | <i>84.3</i>       | <i>77.9</i>  | <i>80.1</i>  | <i>80.6</i>  | <i>81.0</i>    | <i>81.0</i>    | <i>81.5</i>    | <i>81.9</i>    | <i>83.7</i>    | <i>85.1</i>    | <i>86.4</i>    | <i>88.4</i>    | <i>90.3</i>    | <i>91.3</i>       |
| <i>Business and professional</i>                         | <i>54.0</i>  | <i>57.5</i>       | <i>55.6</i>  | <i>56.1</i>  | <i>56.3</i>  | <i>56.4</i>    | <i>56.8</i>    | <i>57.1</i>    | <i>57.3</i>    | <i>57.8</i>    | <i>58.0</i>    | <i>58.1</i>    | <i>58.5</i>    | <i>58.7</i>    | <i>58.9</i>       |
| <i>Farm</i>  | <i>20.2</i>  | <i>26.8</i>       | <i>22.3</i>  | <i>24.0</i>  | <i>24.3</i>  | <i>24.6</i>    | <i>24.2</i>    | <i>24.4</i>    | <i>24.6</i>    | <i>25.9</i>    | <i>27.1</i>    | <i>28.3</i>    | <i>29.9</i>    | <i>31.6</i>    | <i>32.4</i>       |
| <i>Rental income</i>                                     | <i>24.1</i>  | <i>25.1</i>       | <i>24.9</i>  | <i>24.8</i>  | <i>24.8</i>  | <i>24.6</i>    | <i>24.3</i>    | <i>24.6</i>    | <i>24.9</i>    | <i>25.0</i>    | <i>25.3</i>    | <i>25.5</i>    | <i>25.6</i>    | <i>25.7</i>    | <i>25.7</i>       |
| <i>Dividends</i>   | <i>26.0</i>  | <i>27.8</i>       | <i>26.5</i>  | <i>26.8</i>  | <i>26.9</i>  | <i>27.0</i>    | <i>27.3</i>    | <i>27.3</i>    | <i>27.4</i>    | <i>27.6</i>    | <i>28.2</i>    | <i>28.3</i>    | <i>28.5</i>    | <i>28.7</i>    | <i>29.8</i>       |
| <i>Personal interest income</i>                          | <i>78.0</i>  | <i>87.5</i>       | <i>81.1</i>  | <i>81.9</i>  | <i>82.6</i>  | <i>83.4</i>    | <i>84.5</i>    | <i>85.7</i>    | <i>86.5</i>    | <i>87.8</i>    | <i>89.0</i>    | <i>90.3</i>    | <i>91.5</i>    | <i>92.6</i>    | <i>93.7</i>       |
| <i>Transfer payments</i>                                 | <i>103.0</i> | <i>117.5</i>      | <i>112.6</i> | <i>112.5</i> | <i>113.8</i> | <i>114.5</i>   | <i>115.3</i>   | <i>115.9</i>   | <i>116.0</i>   | <i>116.9</i>   | <i>119.0</i>   | <i>120.2</i>   | <i>121.1</i>   | <i>121.9</i>   | <i>122.7</i>      |
| <i>Less: Personal contributions for social insurance</i> | <i>34.7</i>  | <i>43.1</i>       | <i>35.9</i>  | <i>41.7</i>  | <i>41.9</i>  | <i>42.0</i>    | <i>42.4</i>    | <i>42.5</i>    | <i>42.8</i>    | <i>43.4</i>    | <i>43.6</i>    | <i>43.9</i>    | <i>44.0</i>    | <i>44.3</i>    | <i>44.4</i>       |
| <b>Nonagricultural income</b>                            | <b>911.5</b> | <b>1,000.6</b>    | <b>953.6</b> | <b>957.4</b> | <b>965.3</b> | <b>970.9</b>   | <b>979.5</b>   | <b>986.4</b>   | <b>994.2</b>   | <b>1,001.8</b> | <b>1,012.1</b> | <b>1,021.8</b> | <b>1,030.0</b> | <b>1,039.0</b> | <b>1,048.2</b>    |
| <i>Agricultural income</i>                               | <i>27.7</i>  | <i>34.9</i>       | <i>30.0</i>  | <i>31.8</i>  | <i>32.1</i>  | <i>32.4</i>    | <i>32.0</i>    | <i>32.2</i>    | <i>32.4</i>    | <i>33.8</i>    | <i>35.2</i>    | <i>36.7</i>    | <i>38.5</i>    | <i>40.4</i>    | <i>41.5</i>       |

NOTE.—Dept. of Commerce estimates. Monthly data are seasonally adjusted totals at annual rates. See also NOTE to table at top of opposite page.

## SUMMARY OF FUNDS RAISED AND ADVANCED IN U.S. CREDIT MARKETS

(Seasonally adjusted annual rates; in billions of dollars)

| Transaction category, or sector                                 | 1968  | 1969  | 1970  | 1971  | 1972  | 1973  | 1971  |       | 1972  |       | 1973  |       |    |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
|   |       |       |       |       |       |       | H1    | H2    | H1    | H2    | H1    | H2    |    |
| Funds raised, by type and sector                                |       |       |       |       |       |       |       |       |       |       |       |       |    |
| 1 Total funds raised by nonfinancial sectors.....               | 94.6  | 91.4  | 97.5  | 146.7 | 166.1 | 183.2 | 134.7 | 158.7 | 145.2 | 187.3 | 197.4 | 169.1 | 1  |
| 2 Excluding equities.....                                       | 95.9  | 88.0  | 92.6  | 135.0 | 156.1 | 177.7 | 123.8 | 146.1 | 134.7 | 177.8 | 192.4 | 163.1 | 2  |
| 3 U.S. Government.....  | 13.4  | -3.6  | 12.8  | 25.5  | 17.3  | 9.7   | 22.7  | 28.4  | 12.4  | 22.2  | 17.0  | 2.5   | 3  |
| 4 Public debt securities.....                                   | 10.3  | -1.3  | 12.9  | 26.0  | 13.9  | 8.3   | 24.2  | 27.8  | 10.5  | 17.2  | 15.8  | .7    | 4  |
| 5 Budget agency issues.....                                     | 3.1   | -2.4  | -.1   | -.5   | 3.4   | 1.5   | -1.6  | .5    | 1.9   | 4.9   | 1.2   | 1.8   | 5  |
| 6 All other nonfinancial sectors.....                           | 81.2  | 95.0  | 84.7  | 121.2 | 148.8 | 173.5 | 112.0 | 130.4 | 132.8 | 165.1 | 180.4 | 166.7 | 6  |
| 7 Corporate equities.....                                       | -1.4  | 3.4   | 4.9   | 11.7  | 10.0  | 5.5   | 10.9  | 12.6  | 10.4  | 9.5   | 5.0   | 6.1   | 7  |
| 8 Debt instruments.....   | 82.6  | 91.6  | 79.8  | 109.5 | 138.8 | 168.0 | 101.1 | 117.8 | 122.3 | 155.6 | 175.4 | 160.6 | 8  |
| 9 Debt capital instruments.....                                 | 50.6  | 50.6  | 57.7  | 83.2  | 92.4  | 92.8  | 79.5  | 86.9  | 87.3  | 97.6  | 91.7  | 93.9  | 9  |
| 10 State and local government securities.....                   | 9.5   | 9.9   | 11.3  | 16.6  | 11.9  | 8.9   | 17.9  | 15.4  | 12.0  | 11.9  | 6.3   | 11.5  | 10 |
| 11 Corporate and foreign bonds.....                             | 14.0  | 13.0  | 20.6  | 19.7  | 13.2  | 11.8  | 22.3  | 17.2  | 14.4  | 12.0  | 10.6  | 12.9  | 11 |
| 12 Mortgages.....   | 27.1  | 27.7  | 25.7  | 46.8  | 67.3  | 72.2  | 39.3  | 54.3  | 60.9  | 73.7  | 74.9  | 69.5  | 12 |
| 13 Home mortgages.....  | 15.1  | 15.7  | 12.8  | 26.0  | 39.7  | 39.0  | 20.6  | 31.5  | 35.6  | 43.7  | 41.4  | 36.7  | 13 |
| 14 Other residential.....                                       | 3.4   | 4.7   | 5.8   | 8.8   | 10.3  | 13.0  | 8.5   | 9.1   | 11.5  | 14.1  | 11.9  | 14    |    |
| 15 Commercial.....  | 6.4   | 5.3   | 5.3   | 10.0  | 14.8  | 15.9  | 8.5   | 11.5  | 13.5  | 16.0  | 15.1  | 16.8  | 15 |
| 16 Farm.....  | 2.2   | 1.9   | 1.8   | 2.0   | 2.6   | 4.2   | 1.7   | 2.3   | 2.7   | 2.5   | 4.3   | 4.1   | 16 |
| 17 Other private credit.....                                    | 32.0  | 41.0  | 22.1  | 26.3  | 46.4  | 75.2  | 21.7  | 30.9  | 35.0  | 58.0  | 83.7  | 66.7  | 17 |
| 18 Bank loans n.e.c.....  | 13.1  | 15.3  | 6.4   | 9.3   | 21.8  | 41.3  | 5.1   | 13.5  | 14.5  | 29.3  | 54.4  | 28.2  | 18 |
| 19 Consumer credit.....   | 10.0  | 10.4  | 6.0   | 11.2  | 19.2  | 22.9  | 8.9   | 13.6  | 15.8  | 22.5  | 25.2  | 20.6  | 19 |
| 20 Open-market paper.....                                       | 1.6   | 3.3   | 3.8   | -.9   | -1.6  | 2.5   | -1.0  | -.8   | -.3   | -2.8  | -3.4  | 8.4   | 20 |
| 21 Other.....   | 7.2   | 12.0  | 5.9   | 6.6   | 7.0   | 8.5   | 8.7   | 4.6   | 5.0   | 9.0   | 7.5   | 9.5   | 21 |
| 22 By borrowing sector.....                                     | 81.2  | 95.0  | 84.7  | 121.2 | 148.8 | 173.5 | 112.0 | 130.4 | 132.8 | 165.1 | 180.4 | 166.7 | 22 |
| 23 Debt instruments.....  | 82.6  | 91.6  | 79.8  | 109.5 | 138.8 | 168.0 | 101.1 | 117.8 | 122.3 | 155.6 | 175.4 | 160.6 | 23 |
| 24 Foreign.....   | 2.9   | 2.9   | 3.0   | 5.7   | 3.8   | 6.9   | 5.3   | 6.1   | 4.3   | 6.1   | 2.6   | 2.6   | 24 |
| 25 State and local governments.....                             | 9.8   | 10.7  | 11.4  | 17.0  | 12.3  | 8.8   | 17.9  | 16.1  | 11.9  | 12.7  | 6.3   | 11.4  | 25 |
| 26 Households.....  | 29.6  | 32.2  | 22.9  | 38.3  | 63.2  | 70.9  | 30.0  | 46.6  | 56.2  | 70.5  | 72.4  | 69.4  | 26 |
| 27 Nonfinancial business.....                                   | 40.2  | 45.9  | 42.5  | 48.5  | 59.5  | 81.3  | 47.9  | 49.0  | 50.9  | 68.2  | 85.6  | 77.2  | 27 |
| 28 Farm.....  | 2.8   | 3.2   | 3.2   | 4.1   | 4.9   | 7.6   | 4.0   | 4.2   | 4.4   | 5.3   | 7.3   | 8.0   | 28 |
| 29 Nonfarm noncorporate.....                                    | 5.6   | 7.4   | 5.3   | 8.7   | 10.4  | 12.6  | 9.3   | 8.1   | 9.5   | 11.6  | 13.7  | 11.5  | 29 |
| 30 Corporate.....   | 31.8  | 35.4  | 33.9  | 35.7  | 44.2  | 61.1  | 34.6  | 36.8  | 37.0  | 51.2  | 64.5  | 57.7  | 30 |
| 31 Corporate equities.....                                      | -1.4  | 3.4   | 4.9   | 11.7  | 10.0  | 5.5   | 10.9  | 12.6  | 10.4  | 9.5   | 5.0   | 6.1   | 31 |
| 32 Foreign.....   | -.2   | .5    | .1    | * .1  | -.4   | -.1   | -.4   | -.3   | -.2   | -.6   | -.4   | .1    | 32 |
| 33 Corporate business.....                                      | -1.5  | 2.9   | 4.8   | 11.7  | 10.4  | 5.7   | 10.5  | 12.9  | 10.7  | 10.1  | 5.4   | 6.0   | 33 |
| Totals including equities.....                                  | 3.1   | 3.3   | 3.0   | 5.7   | 3.4   | 6.7   | 5.7   | 5.8   | 3.2   | 3.7   | 10.7  | 2.7   | 34 |
| 34 Foreign.....   | 38.7  | 48.8  | 47.3  | 60.2  | 69.9  | 87.0  | 58.4  | 61.9  | 61.6  | 78.3  | 91.0  | 83.2  | 35 |
| 35 Nonfinancial business.....                                   | 30.3  | 38.3  | 38.8  | 47.4  | 54.6  | 66.8  | 45.1  | 49.7  | 47.7  | 61.3  | 69.9  | 63.7  | 36 |
| 36 Corporate.....   | -1.1  | .4    | 2.8   | 3.2   | .5    | -1.6  | -.2   | 6.6   | -3.0  | 4.0   | 3.6   | -6.7  | 37 |
| 37 Memo: U.S. Govt. cash balance.....                           |       |       |       |       |       |       |       |       |       |       |       |       |    |
| 38 Totals net of changes in U.S. Govt. cash balances.....       | 95.7  | 91.0  | 94.7  | 143.5 | 165.6 | 184.8 | 134.9 | 152.1 | 148.1 | 183.3 | 193.8 | 175.9 | 38 |
| 39 Total funds raised.....                                      | 14.5  | -4.0  | 10.0  | 22.3  | 16.8  | 11.3  | 22.9  | 21.7  | 15.4  | 18.1  | 13.4  | 9.2   | 39 |
| By U.S. Government.....   |       |       |       |       |       |       |       |       |       |       |       |       |    |
| Private domestic net investment and borrowing in credit markets |       |       |       |       |       |       |       |       |       |       |       |       |    |
| Total, households and business.....                             | 207.6 | 226.7 | 224.2 | 252.5 | 291.1 | 328.0 | 246.3 | 258.7 | 279.9 | 302.3 | 323.8 | 332.3 | 1  |
| 1 Total capital outlays <sup>1</sup> .....                      | 140.4 | 154.3 | 166.0 | 179.0 | 193.4 | 209.5 | 175.8 | 182.2 | 190.3 | 196.6 | 205.6 | 213.5 | 2  |
| 2 Capital consumption <sup>2</sup> .....                        | 67.2  | 72.4  | 58.2  | 73.5  | 97.7  | 118.5 | 70.5  | 76.6  | 89.7  | 70.6  | 118.2 | 118.8 | 3  |
| 3 Net physical investment.....                                  | 68.3  | 81.0  | 70.2  | 98.5  | 133.1 | 157.9 | 88.4  | 108.5 | 117.7 | 148.8 | 163.4 | 152.6 | 4  |
| 4 Excess net investment <sup>3</sup> .....                      | -1.1  | -8.6  | -12.0 | -25.0 | -35.4 | -39.4 | -17.9 | -32.0 | -28.0 | -43.1 | -45.2 | -33.8 | 5  |
| Total business.....   | 97.9  | 108.9 | 108.0 | 116.6 | 133.3 | 150.6 | 115.8 | 117.3 | 127.4 | 139.3 | 145.6 | 155.5 | 6  |
| 6 Total capital outlays.....                                    | 63.2  | 69.5  | 74.6  | 80.3  | 87.6  | 94.1  | 78.8  | 81.7  | 86.2  | 88.9  | 92.7  | 95.6  | 7  |
| 7 Capital consumption.....                                      | 34.7  | 39.4  | 33.5  | 36.3  | 45.8  | 56.4  | 37.0  | 35.5  | 41.2  | 50.4  | 52.9  | 60.0  | 8  |
| 8 Net physical investment.....                                  | 40.2  | 45.9  | 42.5  | 48.5  | 59.5  | 81.3  | 47.9  | 49.0  | 50.9  | 68.2  | 85.6  | 77.2  | 9  |
| 9 Net debt funds raised.....                                    | -1.5  | 2.9   | 4.8   | 11.7  | 10.4  | 5.7   | 10.5  | 12.9  | 10.7  | 10.1  | 5.4   | 6.0   | 10 |
| 10 Corporate equity issues.....                                 | -4.0  | -9.4  | -13.8 | -23.9 | -24.1 | -30.6 | -21.4 | -26.4 | -20.4 | -27.9 | -38.1 | -23.2 | 11 |
| 11 Excess net investment <sup>3</sup> .....                     | 75.0  | 83.7  | 84.0  | 86.7  | 100.7 | 113.7 | 86.5  | 87.0  | 96.0  | 105.4 | 108.5 | 118.8 | 12 |
| 12 Total capital outlays.....                                   | 45.1  | 49.8  | 53.6  | 57.7  | 62.8  | 67.6  | 56.7  | 58.7  | 61.8  | 63.8  | 66.5  | 68.7  | 13 |
| 13 Capital consumption.....                                     | 29.9  | 33.9  | 30.4  | 29.1  | 37.8  | 46.1  | 29.8  | 28.3  | 34.1  | 41.5  | 42.0  | 50.1  | 14 |
| 14 Net physical investment.....                                 | 31.8  | 35.4  | 33.9  | 35.7  | 44.2  | 61.1  | 34.6  | 36.8  | 37.0  | 51.2  | 64.5  | 57.7  | 15 |
| 15 Net debt funds raised.....                                   | -1.5  | 2.9   | 4.8   | 11.7  | 10.4  | 5.7   | 10.5  | 12.9  | 10.7  | 10.1  | 5.4   | 6.0   | 16 |
| 16 Corporate equity issues.....                                 | -4.4  | -4.4  | -8.4  | -18.3 | -16.8 | -20.7 | -15.3 | -21.4 | -13.5 | -19.8 | -27.9 | -13.5 | 17 |
| 17 Excess net investment <sup>3</sup> .....                     | 109.7 | 117.8 | 116.2 | 135.9 | 157.8 | 177.5 | 130.4 | 141.4 | 152.6 | 163.0 | 178.2 | 176.8 | 18 |
| 18 Total capital outlays.....                                   | 77.2  | 84.8  | 91.4  | 98.7  | 105.9 | 115.4 | 100.4 | 104.1 | 107.7 | 112.9 | 118.0 | 118.0 | 19 |
| 19 Capital consumption.....                                     | 32.5  | 33.0  | 24.7  | 37.2  | 51.9  | 62.1  | 33.5  | 41.0  | 48.5  | 55.3  | 65.3  | 58.8  | 20 |
| 20 Net physical investment.....                                 | 29.6  | 32.2  | 22.9  | 38.3  | 63.2  | 70.9  | 30.0  | 46.6  | 56.2  | 70.5  | 72.4  | 69.4  | 21 |
| 21 Net funds raised.....  | 2.9   | .8    | 1.8   | -1.1  | -11.3 | -8.9  | 3.5   | -5.6  | -7.6  | -15.2 | -7.1  | -10.6 | 22 |
| 22 Excess net investment <sup>3</sup> .....                     |       |       |       |       |       |       |       |       |       |       |       |       |    |

<sup>1</sup> Capital outlays are totals for residential and nonresidential fixed capital, net change in inventories, and consumer durables, except outlays by financial business.

<sup>2</sup> Capital consumption includes amounts for consumer durables and excludes financial business capital consumption.

<sup>3</sup> Excess of net investment over net funds raised.

NOTE.—Full statements for sectors and transaction types are available on a quarterly basis and annually for flows and for amounts outstanding. Requests for these statements should be addressed to the Flow of Funds Section, Division of Research and Statistics, Board of Governors of the Federal Reserve System, Washington, D.C., 20551.

Funds raised by type and sector. Credit flows included here are the net amounts raised by households, nonfinancial business, governments, and foreigners. All funds raised by financial sectors are excluded. U.S. Government budget issues (line 5) are loan participation certificates issued by CCC, Export-Import Bank, FNMA, and GNMA, together with security issues by FHA, Export-Import Bank, and TVA. Issues by Federally sponsored credit agencies are excluded as borrowing by financial institutions. Such issues are on p. A-71, line 11. Corporate share issues are net cash issues by nonfinancial and foreign corporations. Mortgages exclude loans in process. Open-market paper is commercial paper issued by nonfinancial corporations plus bankers' acceptances.

DIRECT AND INDIRECT SOURCES OF FUNDS TO CREDIT MARKETS

(Seasonally adjusted annual rates; in billions of dollars)

| Transaction category, or sector                                  | 1968 | 1969  | 1970  | 1971  | 1972  | 1973  | 1971  |       | 1972  |       | 1973  |       |    |
|--|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
|  |      |       |       |       |       |       | H1    | H2    | H1    | H2    | H1    | H2    |    |
| 1 Total funds advanced in credit markets to nonfinancial sectors | 95.9 | 88.0  | 92.6  | 135.0 | 156.1 | 177.7 | 123.8 | 146.1 | 134.7 | 177.8 | 192.4 | 163.1 | 1  |
| 2 Total net advances   | 12.2 | 15.8  | 28.0  | 41.3  | 16.9  | 32.7  | 38.6  | 44.0  | 19.7  | 14.1  | 42.5  | 22.9  | 2  |
| 3 U.S. Government securities                                     | 3.4  | .9    | 15.7  | 33.4  | 7.3   | 10.4  | 32.9  | 34.0  | 12.7  | 2.0   | 21.4  | -6.3  | 3  |
| 4 Residential mortgages  | 2.8  | 4.6   | 5.7   | 5.7   | 5.2   | 7.5   | 4.2   | 7.1   | 6.2   | 4.3   | 4.9   | 10.2  | 4  |
| 5 FHLB advances to S&L's   | .9   | 4.0   | 1.3   | -2.7  | *     | 7.2   | -5.5  | .2    | -2.4  | 2.5   | 7.8   | 6.6   | 5  |
| 6 Other loans and securities                                     | 5.1  | 6.3   | 5.2   | 4.9   | 4.3   | 7.6   | 7.1   | 2.7   | 3.2   | 5.4   | 8.4   | 6.7   | 6  |
| 7 By agency—   |      |       |       |       |       |       |       |       |       |       |       |       |    |
| 7 U.S. Government  | 4.9  | 2.9   | 2.8   | 3.2   | 2.3   | 1.7   | 4.3   | 2.2   | 1.5   | 3.1   | .3    | 3.1   | 7  |
| 8 Sponsored credit agencies                                      | 3.2  | 9.0   | 9.9   | 2.8   | 6.0   | 20.0  | -1.4  | 7.0   | 7.5   | 4.5   | 18.7  | 21.4  | 8  |
| 9 Monetary authorities   | 3.7  | 4.2   | 5.0   | 8.8   | .2    | 9.3   | 8.4   | 9.3   | 4.5   | -4.1  | 12.0  | 6.7   | 9  |
| 10 Foreign   | .3   | -.3   | 10.3  | 26.4  | 8.4   | 1.6   | 27.3  | 25.5  | 6.2   | 10.6  | 11.5  | -8.3  | 10 |
| 11 Agency borrowing not included in line 1                       | 3.5  | 8.8   | 8.2   | 4.3   | 6.2   | 19.1  | .9    | 7.7   | 7.4   | 5.0   | 17.6  | 20.7  | 11 |
| Private domestic funds advanced                                  |      |       |       |       |       |       |       |       |       |       |       |       |    |
| 12 Total net advances  | 87.2 | 80.9  | 72.8  | 98.0  | 145.4 | 164.2 | 86.1  | 109.9 | 122.4 | 168.6 | 167.5 | 160.8 | 12 |
| 13 U.S. Government securities                                    | 13.3 | 4.6   | 5.4   | -3.5  | 16.3  | 18.5  | -9.2  | 2.1   | 7.1   | 25.3  | 13.3  | 23.8  | 13 |
| 14 State and local obligations                                   | 9.5  | 9.9   | 11.3  | 16.6  | 11.9  | 8.9   | 17.9  | 15.4  | 12.0  | 11.9  | 6.3   | 11.5  | 14 |
| 15 Corporate and foreign bonds                                   | 13.8 | 12.5  | 20.0  | 19.5  | 13.2  | 11.8  | 22.1  | 16.8  | 14.2  | 12.1  | 10.3  | 13.3  | 15 |
| 16 Residential mortgages   | 15.5 | 15.7  | 12.8  | 29.1  | 44.6  | 44.4  | 24.8  | 33.4  | 38.4  | 50.8  | 50.5  | 38.3  | 16 |
| 17 Other mortgages and loans                                     | 35.9 | 42.2  | 24.6  | 33.7  | 59.5  | 87.7  | 25.0  | 42.3  | 48.3  | 71.0  | 95.0  | 80.4  | 17 |
| 18 Less: FHLB advances   | .9   | 4.0   | 1.3   | -2.7  | *     | 7.2   | -5.5  | .2    | -2.4  | 2.5   | 7.8   | 6.6   | 18 |
| 19 Private financial intermediation                              |      |       |       |       |       |       |       |       |       |       |       |       |    |
| Credit market funds advanced by private financial institutions   | 75.3 | 54.9  | 74.9  | 111.4 | 150.2 | 159.1 | 112.2 | 110.6 | 130.5 | 170.1 | 186.2 | 132.1 | 19 |
| 20 Commercial banking  | 38.7 | 18.2  | 35.1  | 50.6  | 69.7  | 85.2  | 53.2  | 48.0  | 57.2  | 82.4  | 101.3 | 69.2  | 20 |
| 21 Savings institutions  | 15.6 | 14.5  | 16.9  | 41.5  | 48.7  | 35.2  | 45.4  | 37.5  | 48.4  | 48.9  | 49.1  | 21.4  | 21 |
| 22 Insurance and pension funds                                   | 14.0 | 12.3  | 17.3  | 14.1  | 16.0  | 24.3  | 12.5  | 15.7  | 14.1  | 17.8  | 21.7  | 26.9  | 22 |
| 23 Other finance   | 7.0  | 9.9   | 5.7   | 5.3   | 15.8  | 14.3  | 1.2   | 9.4   | 10.6  | 21.0  | 14.2  | 14.5  | 23 |
| 24 Sources of funds  | 75.3 | 54.9  | 74.9  | 111.4 | 150.2 | 159.1 | 112.2 | 110.6 | 130.5 | 170.1 | 186.2 | 132.1 | 24 |
| 25 Private domestic deposits                                     | 45.9 | 2.6   | 63.2  | 90.8  | 97.8  | 86.8  | 107.7 | 73.9  | 97.9  | 97.9  | 104.8 | 68.9  | 25 |
| 26 Credit market borrowing                                       | 8.5  | 19.1  | -.4   | 9.2   | 20.2  | 28.8  | 2.6   | 15.9  | 16.4  | 24.0  | 34.4  | 23.2  | 26 |
| 27 Other sources   | 21.0 | 33.3  | 12.1  | 11.3  | 32.2  | 43.5  | 1.9   | 20.8  | 16.2  | 48.2  | 47.1  | 40.0  | 27 |
| 28 Foreign funds   | 2.6  | 9.3   | -8.5  | -3.2  | 5.1   | 5.7   | -7.2  | .8    | 5.5   | 4.7   | 5.2   | -6.1  | 28 |
| 29 Treasury balances   | -.2  | *     | 2.9   | 2.2   | .7    | -1.0  | -.8   | 5.3   | -3.6  | 5.1   | -1.4  | -.6   | 29 |
| 30 Insurance and pension reserves                                | 11.4 | 10.4  | 13.1  | 9.6   | 11.3  | 19.0  | 7.1   | 11.5  | 8.4   | 14.1  | 16.7  | 21.3  | 30 |
| 31 Other, net  | 7.2  | 13.5  | 4.5   | 2.7   | 15.1  | 19.8  | 2.2   | 3.2   | 5.9   | 24.3  | 26.5  | 13.2  | 31 |
| 32 Private domestic nonfinancial investors                       |      |       |       |       |       |       |       |       |       |       |       |       |    |
| Direct lending in credit markets                                 | 20.3 | 45.0  | -2.4  | -4.2  | 15.4  | 33.8  | -23.5 | 15.2  | 8.3   | 22.5  | 15.7  | 52.0  | 32 |
| 33 U.S. Government securities                                    | 8.0  | 16.8  | -8.3  | -13.0 | 4.1   | 19.6  | -22.4 | -3.5  | -3.3  | 11.5  | 13.0  | 26.3  | 33 |
| 34 State and local obligations                                   | -.2  | 8.7   | -1.1  | -.1   | 2.1   | 1.2   | -2.7  | 2.6   | 3.4   | .3    | .3    | 2.1   | 34 |
| 35 Corporate and foreign bonds                                   | 4.7  | 7.4   | 10.1  | 8.2   | 4.9   | -2    | 8.6   | 7.7   | 4.5   | 5.2   | -.6   | 4.3   | 35 |
| 36 Commercial paper  | 5.8  | 10.2  | -4.4  | -.6   | 3.7   | 8.7   | -7.3  | 6.0   | 6.7   | .8    | 1.4   | 17.1  | 36 |
| 37 Other   | 2.1  | 2.0   | 1.4   | 1.3   | .6    | 4.4   | .3    | 2.3   | -.4   | 1.7   | 2.7   | 6.1   | 37 |
| 38 Deposits and currency   | 48.3 | 5.4   | 66.6  | 94.2  | 102.2 | 90.6  | 110.6 | 77.9  | 103.3 | 101.3 | 110.8 | 70.4  | 38 |
| 39 Time and savings accounts                                     | 33.9 | -2.3  | 56.1  | 81.2  | 85.7  | 76.9  | 92.6  | 69.8  | 88.8  | 82.6  | 99.1  | 54.7  | 39 |
| 40 Large negotiable CDs  | 3.5  | -13.7 | 15.0  | 7.7   | 8.7   | 18.9  | 3.4   | 12.0  | 2.1   | 15.3  | 27.2  | 10.5  | 40 |
| 41 Other at commercial banks                                     | 17.5 | 3.4   | 24.2  | 32.9  | 31.0  | 29.6  | 44.0  | 21.9  | 38.9  | 23.2  | 34.0  | 25.2  | 41 |
| 42 At savings institutions                                       | 12.9 | 8.0   | 16.9  | 40.6  | 46.0  | 28.4  | 45.3  | 35.9  | 47.8  | 44.1  | 37.9  | 19.0  | 42 |
| 43 Money   | 14.5 | 7.7   | 10.5  | 13.0  | 16.5  | 13.7  | 17.9  | 8.1   | 14.5  | 18.7  | 11.8  | 15.7  | 43 |
| 44 Demand deposits   | 12.1 | 4.8   | 7.1   | 9.6   | 12.1  | 9.9   | 15.1  | 4.1   | 9.1   | 15.3  | 5.7   | 14.2  | 44 |
| 45 Currency  | 2.4  | 2.8   | 3.5   | 3.4   | 4.4   | 3.8   | 2.8   | 3.9   | 5.5   | 3.4   | 6.0   | 1.5   | 45 |
| 46 Total of credit market instr., deposits, and currency         | 68.7 | 50.5  | 64.2  | 90.0  | 117.7 | 124.4 | 87.1  | 93.0  | 111.7 | 123.8 | 126.5 | 122.4 | 46 |
| 47 Public support rate (in per cent)                             | 12.7 | 18.0  | 30.2  | 30.6  | 10.8  | 18.4  | 31.2  | 30.1  | 14.6  | 7.9   | 22.1  | 14.0  | 47 |
| 48 Private financial intermediation (in per cent)                | 86.4 | 67.9  | 102.8 | 113.7 | 103.3 | 96.9  | 130.3 | 100.7 | 106.6 | 100.9 | 111.2 | 82.1  | 48 |
| 49 Total foreign funds   | 2.9  | 9.1   | 1.8   | 23.2  | 13.5  | 7.3   | 20.1  | 26.3  | 11.6  | 15.3  | 16.7  | -2.2  | 49 |

Corporate equities not included above

|  |      |      |      |      |      |      |       |      |      |      |      |     |   |
|--|------|------|------|------|------|------|-------|------|------|------|------|-----|---|
| 1 Total net issues                       | 5.1  | 9.5  | 9.5  | 14.7 | 12.0 | 6.3  | 13.0  | 16.3 | 12.4 | 11.5 | 5.8  | 6.8 | 1 |
| 2 Mutual fund shares                     | 5.8  | 4.8  | 2.6  | 1.2  | -.6  | -1.0 | .3    | 2.1  | -.8  | -.4  | -1.7 | -.3 | 2 |
| 3 Other equities                         | -.7  | 4.7  | 6.9  | 13.5 | 12.6 | 7.3  | 12.7  | 14.2 | 13.3 | 12.0 | 7.4  | 7.1 | 3 |
| 4 Acquisitions by financial institutions | 10.8 | 12.2 | 11.4 | 19.2 | 15.6 | 9.7  | 23.4  | 15.0 | 17.6 | 13.6 | 12.3 | 7.1 | 4 |
| 5 Other net purchases                    | -5.8 | -2.7 | -1.9 | -4.6 | -3.6 | -3.4 | -10.4 | 1.3  | -5.1 | -2.1 | -6.6 | -.3 | 5 |

Notes

- 1. Line 2 of p. A-70.
- 2. Sum of lines 3-6 or 7-10.
- 6. Includes farm and commercial mortgages.
- 11. Credit market funds raised by Federally sponsored credit agencies. Included below in lines 13 and 33. Includes all GNMA-guaranteed security issues backed by mortgage pools.
- 12. Line 1 less line 2 plus line 11. Also line 19 less line 26 plus line 32. Also sum of lines 27, 32, 39, and 44.
- 17. Includes farm and commercial mortgages.
- 25. Lines 39 + 44.
- 26. Excludes equity issues and investment company shares. Includes line 18.
- 28. Foreign deposits at commercial banks, bank borrowings from foreign branches, and liabilities of foreign banking agencies to foreign affiliates.

- 29. Demand deposits at commercial banks.
- 30. Excludes net investment of these reserves in corporate equities.
- 31. Mainly retained earnings and net miscellaneous liabilities.
- 32. Line 12 less line 19 plus line 26.
- 33-37. Lines 13-17 less amounts acquired by private finance. Line 37 includes mortgages.
- 39+44. See line 25.
- 45. Mainly an offset to line 9.
- 46. Lines 32 plus 38 or line 12 less line 27 plus line 45.
- 47. Line 2/line 1.
- 48. Line 19/line 12.
- 49. Lines 10 plus 28.

Corporate equities

Line 1 and 3. Includes issues by financial institutions.



## 1. U.S. BALANCE OF PAYMENTS

(In millions of dollars)

| Line                        | Credits +, debits -  | 1970    | 1971    | 1972    | 1972    |         | 1973    |         |                  |
|-----------------------------|--|---------|---------|---------|---------|---------|---------|---------|------------------|
|                             |  |         |         |         | III     | IV      | I       | II      | III <sup>P</sup> |
| Summary—Seasonally adjusted |  |         |         |         |         |         |         |         |                  |
| 1                           | Merchandise trade balance <sup>1</sup> .....   | 2,176   | -2,698  | -6,912  | -1,573  | -1,745  | -960    | -244    | 714              |
| 2                           | Exports.....   | 41,964  | 42,768  | 48,769  | 12,362  | 13,213  | 15,320  | 16,778  | 18,153           |
| 3                           | Imports.....   | -39,788 | -45,466 | -55,681 | -13,935 | -14,958 | -16,280 | -17,022 | -17,439          |
| 4                           | Military transactions, net.....  | -3,374  | -2,918  | -3,558  | -846    | -864    | -825    | -730    | -576             |
| 5                           | Travel and transportation, net.....  | -2,013  | -2,288  | -2,853  | -679    | -730    | -608    | -703    | -526             |
| 6                           | Investment income, net <sup>2</sup> .....  | 6,260   | 7,972   | 7,863   | 1,950   | 2,232   | 2,309   | 2,111   | 2,311            |
| 7                           | U.S. direct investments abroad.....  | 7,920   | 9,456   | 10,433  | 2,600   | 2,991   | 3,152   | 3,223   | 3,449            |
| 8                           | Other U.S. investments abroad.....   | 3,506   | 3,443   | 3,492   | 876     | 875     | 1,006   | 1,088   | 1,187            |
| 9                           | Foreign investments in the United States.....  | -5,166  | -4,927  | -6,062  | -1,526  | -1,634  | -1,849  | -2,200  | -2,325           |
| 10                          | Other services, net.....   | 581     | 739     | 851     | 209     | 237     | 234     | 240     | 225              |
| 11                          | Balance on goods and services <sup>3</sup> .....   | 3,630   | 807     | -4,610  | -939    | -870    | 150     | 674     | 2,148            |
| 12                          | Remittances, pensions, and other transfers.....  | -1,481  | -1,553  | -1,570  | -373    | -429    | -397    | -389    | -422             |
| 13                          | Balance on goods, services, and remittances.....   | 2,150   | -745    | -6,180  | -1,312  | -1,299  | -247    | 285     | 1,726            |
| 14                          | U.S. Government grants (excluding military).....   | -1,734  | -2,045  | -2,174  | -581    | -452    | -345    | -652    | -509             |
| 15                          | Balance on current account.....  | 416     | -2,790  | -8,353  | -1,893  | -1,751  | -592    | -367    | 1,217            |
| 16                          | U.S. Government capital flows excluding nonscheduled repayments, net <sup>4</sup> .....                  | -1,829  | -2,117  | -1,714  | -542    | -627    | -671    | -583    | -554             |
| 17                          | Nonscheduled repayments of U.S. Government assets.....   | 244     | 225     | 137     | 7       | 26      | 111     | 174     | 4                |
| 18                          | U.S. Government nonliquid liabilities to other than foreign official reserve agencies.....               | -433    | -467    | 238     | 169     | 15      | 224     | 484     | 187              |
| 19                          | Long-term private capital flows, net.....  | -1,429  | -4,401  | -152    | -393    | 781     | -16     | -317    | 1,685            |
| 20                          | U.S. direct investments abroad.....  | -4,410  | -4,943  | -3,404  | -1,148  | -771    | -2,025  | -946    | -228             |
| 21                          | Foreign direct investments in the United States.....   | 1,030   | -115    | 160     | 178     | 160     | 273     | 534     | 720              |
| 22                          | Foreign securities.....  | -942    | -966    | -614    | 209     | -40     | 51      | -126    | -204             |
| 23                          | U.S. securities other than Treasury issues.....  | 2,190   | 2,269   | 4,335   | 553     | 1,768   | 1,745   | 496     | 1,159            |
| 24                          | Other, reported by U.S. banks.....   | 178     | -862    | -1,120  | -426    | -442    | -103    | -257    | 243              |
| 25                          | Other, reported by U.S. nonbanking concerns.....   | 526     | 216     | 492     | 241     | 106     | 43      | -18     | -5               |
| 26                          | Balance on current account and long-term capital <sup>4</sup> .....                                      | -3,031  | -9,550  | -9,843  | -2,652  | -1,556  | -944    | -609    | 2,539            |
| 27                          | Nonliquid short-term private capital flows, net.....   | -482    | -2,347  | -1,637  | -430    | -982    | -1,822  | -1,404  | 234              |
| 28                          | Claims reported by U.S. banks.....   | -1,023  | -1,802  | -1,495  | -267    | -859    | -1,809  | -1,362  | 199              |
| 29                          | Claims reported by U.S. nonbanking concerns.....   | -361    | -530    | -315    | -122    | -250    | -48     | -18     | -233             |
| 30                          | Liabilities reported by U.S. nonbanking concerns.....  | 902     | -15     | 173     | -41     | 127     | 35      | -24     | 268              |
| 31                          | Allocations of Special Drawing Rights (SDR's).....   | 867     | 717     | 710     | 177     | 177     | .....   | .....   | .....            |
| 32                          | Errors and omissions, net.....   | -1,205  | -10,784 | -3,112  | -1,626  | -1,490  | -3,891  | 425     | -1,355           |
| 33                          | Net liquidity balance.....   | -3,851  | -21,965 | -13,882 | -4,531  | -3,851  | -6,657  | -1,588  | 1,418            |
| 34                          | Liquid private capital flows, net.....   | -5,988  | -7,788  | 3,542   | 7       | 2,367   | -3,842  | 1,923   | 690              |
| 35                          | Liquid claims.....   | 252     | -1,097  | -1,234  | -410    | -131    | -1,966  | 818     | -290             |
| 36                          | Reported by U.S. banks.....  | -99     | -566    | -742    | -274    | -77     | -1,351  | 905     | -342             |
| 37                          | Reported by U.S. nonbanking concerns.....  | 351     | -531    | -492    | -136    | -54     | -615    | -87     | 52               |
| 38                          | Liquid liabilities.....  | -6,240  | -6,691  | 4,776   | 417     | 2,498   | -1,876  | 1,105   | 980              |
| 39                          | To foreign commercial banks.....   | -6,508  | -6,908  | 3,862   | 295     | 1,995   | -1,896  | 710     | 866              |
| 40                          | To international and regional organizations.....   | 181     | 682     | 104     | -32     | 181     | 12      | 31      | -52              |
| 41                          | To other foreigners.....   | 87      | -465    | 810     | 154     | 322     | 8       | 364     | 166              |
| 42                          | Official reserve transactions balance.....   | -9,839  | -29,753 | -10,340 | -4,524  | -1,484  | -10,499 | 335     | 2,108            |
| 43                          | Financed by changes in:  |         |         |         |         |         |         |         |                  |
| 44                          | Liquid liabilities to foreign official agencies.....   | 7,637   | 27,615  | 9,720   | 4,467   | 1,645   | 9,120   | -778    | -1,654           |
| 45                          | Other readily marketable liabilities to foreign official agencies <sup>5</sup> .....                     | -810    | -551    | 399     | 34      | 117     | 1,202   | 259     | 11               |
| 46                          | Nonliquid liabilities to foreign official reserve agencies reported by U.S. Govt.....                    | 535     | 341     | 189     | 78      | -167    | -43     | 167     | -452             |
| 47                          | U.S. official reserve assets, net.....   | 2,477   | 2,348   | 32      | -55     | -111    | 220     | 17      | -13              |
| 48                          | Gold.....  | 787     | 866     | 547     | 3       | .....   | .....   | .....   | .....            |
| 49                          | SDR's.....   | -851    | -249    | -703    | -177    | -177    | .....   | 9       | .....            |
| 50                          | Convertible currencies.....  | 2,152   | 381     | 35      | 134     | 82      | 233     | .....   | .....            |
|                             | Gold tranche position in IMF.....  | 389     | 1,350   | 153     | -15     | -16     | -13     | 8       | .....            |
| Memoranda:                  |  |         |         |         |         |         |         |         |                  |
| 51                          | Transfers under military grant programs (excluded from lines 2, 4, and 14).....                          | 2,586   | 3,153   | 4,200   | 1,189   | 949     | 716     | 833     | 521              |
| 52                          | Reinvested earnings of foreign incorporated affiliates of U.S. firms (excluded from lines 7 and 20)..... | 2,948   | 3,192   | 4,521   | (6)     | (6)     | (6)     | (6)     | (6)              |
| 53                          | Reinvested earnings of U.S. incorporated affiliates of foreign firms (excluded from lines 9 and 21)..... | 434     | 498     | 548     | (6)     | (6)     | (6)     | (6)     | (6)              |

For notes see end of table.

1. U.S. BALANCE OF PAYMENTS—Continued

(In millions of dollars)

| Credits +, debits -   | 1970    | 1971    | 1972    | 1972   |        | 1973    |        |                  |
|---|---------|---------|---------|--------|--------|---------|--------|------------------|
|   |         |         |         | III    | IV     | I       | II     | III <sup>p</sup> |
| Balances excluding allocations of SDR's—Seasonally adjusted         |         |         |         |        |        |         |        |                  |
| Net liquidity balance.....  | -4,718  | -22,682 | -14,592 | -4,708 | -4,028 | -6,657  | -1,588 | 1,418            |
| Official reserve transactions balance.....                          | -10,706 | -30,470 | -11,050 | -4,701 | -1,661 | -10,499 | 335    | 2,108            |
| Balances not seasonally adjusted                                    |         |         |         |        |        |         |        |                  |
| Balance on goods and services.....                                  | 3,630   | 807     | -4,610  | -2,409 | 168    | 819     | 787    | 251              |
| Balance on goods, services, and remittances.....                    | 2,150   | -745    | -6,180  | -2,796 | -263   | 448     | 390    | -185             |
| Balance on current account.....                                     | 416     | -2,790  | -8,353  | -3,333 | -698   | 74      | -295   | -649             |
| Balance on current account and long-term capital <sup>4</sup> ..... | -3,031  | -9,550  | -9,843  | -4,052 | 343    | -862    | -784   | 712              |
| Balances including allocations of SDR's:                            |         |         |         |        |        |         |        |                  |
| Net liquidity.....  | -3,851  | -21,965 | -13,882 | -5,299 | -3,197 | -6,282  | -1,981 | 537              |
| Official reserve transactions.....                                  | -9,839  | -29,753 | -10,340 | -5,590 | -1,503 | -9,995  | 772    | 933              |
| Balances excluding allocations of SDR's:                            |         |         |         |        |        |         |        |                  |
| Net liquidity.....  | -4,718  | -22,682 | -14,592 | -5,299 | -3,197 | -6,282  | -1,981 | 537              |
| Official reserve transactions.....                                  | -10,706 | -30,470 | -11,050 | -5,590 | -1,503 | -9,995  | 772    | 933              |

<sup>1</sup> Adjusted to balance of payments basis; excludes transfers under military grants, exports under U.S. military agency sales contracts and imports of U.S. military agencies.

<sup>2</sup> Includes fees and royalties from U.S. direct investments abroad or from foreign direct investments in the United States.

<sup>3</sup> Equal to net exports of goods and services in national income and product accounts of the United States.

<sup>4</sup> Includes some short-term U.S. Govt. assets.

<sup>5</sup> Includes changes in long-term liabilities reported by banks in the United States and in investments by foreign official agencies in debt securities of U.S. Federally-sponsored agencies and U.S. corporations.

<sup>6</sup> Not available.

NOTE.—Data are from U.S. Department of Commerce, Bureau of Economic Analysis. Details may not add to totals because of rounding.

2. MERCHANDISE EXPORTS AND IMPORTS

(Seasonally adjusted; in millions of dollars)

|                         | Exports <sup>1</sup> |        |        |                   | Imports <sup>2</sup> |        |        |                   | Trade balance |        |        |                   |
|-------------------------|----------------------|--------|--------|-------------------|----------------------|--------|--------|-------------------|---------------|--------|--------|-------------------|
|                         | 1970                 | 1971   | 1972   | 1973 <sup>r</sup> | 1970                 | 1971   | 1972   | 1973 <sup>r</sup> | 1970          | 1971   | 1972   | 1973 <sup>r</sup> |
| Month:                  |                      |        |        |                   |                      |        |        |                   |               |        |        |                   |
| Jan.....                | 3,406                | 3,601  | 4,074  | 4,961             | 3,222                | 3,599  | 4,436  | 5,265             | 184           | 2      | -361   | -304              |
| Feb.....                | 3,546                | 3,695  | 3,824  | 5,067             | 3,279                | 3,564  | 4,473  | 5,556             | 267           | 130    | -649   | -489              |
| Mar.....                | 3,375                | 3,790  | 3,869  | 5,379             | 3,219                | 3,628  | 4,515  | 5,437             | 156           | -160   | -647   | -58               |
| Apr.....                | 3,410                | 3,631  | 3,820  | 5,487             | 3,262                | 3,774  | 4,417  | 5,293             | 148           | -143   | -596   | 195               |
| May.....                | 3,661                | 3,746  | 3,882  | 5,601             | 3,367                | 3,908  | 4,486  | 5,762             | 324           | -161   | -604   | -161              |
| June.....               | 3,727                | 3,672  | 3,971  | 5,778             | 3,265                | 4,037  | 4,468  | 5,794             | 462           | -365   | -497   | -16               |
| July.....               | 3,704                | 3,573  | 4,074  | 5,874             | 3,254                | 3,832  | 4,565  | 5,762             | 450           | -259   | -491   | 111               |
| Aug.....                | 3,591                | 3,667  | 4,197  | 6,014             | 3,346                | 3,913  | 4,726  | 6,021             | 245           | -247   | -530   | -7                |
| Sept.....               | 3,553                | 4,487  | 4,176  | 6,448             | 3,423                | 4,179  | 4,612  | 5,575             | 130           | 308    | -436   | 873               |
| Oct.....                | 3,688                | 2,669  | 4,316  | 6,432             | 3,498                | 3,469  | 4,738  | 5,904             | 190           | -800   | -421   | 527               |
| Nov.....                | 3,499                | 3,196  | 4,473  | 6,819             | 3,428                | 3,456  | 5,148  | 6,733             | 71            | -260   | -675   | 86                |
| Dec.....                | 3,569                | 3,881  | 4,558  | 6,927             | 3,401                | 4,169  | 5,002  | 5,985             | 168           | -288   | -444   | 942               |
| Quarter:                |                      |        |        |                   |                      |        |        |                   |               |        |        |                   |
| I.....                  | 10,327               | 11,086 | 11,767 | 15,407            | 9,720                | 10,792 | 13,403 | .....             | 607           | 294    | -1,657 | -851              |
| II.....                 | 10,798               | 11,049 | 11,673 | 16,866            | 9,864                | 11,719 | 13,370 | .....             | 933           | -670   | -1,697 | 19                |
| III.....                | 10,848               | 11,727 | 12,447 | 18,335            | 10,023               | 11,924 | 13,903 | .....             | 816           | -197   | -1,456 | 977               |
| IV.....                 | 10,756               | 9,746  | 13,347 | 20,178            | 10,327               | 11,094 | 14,888 | .....             | 425           | -1,348 | -1,540 | 1,555             |
| Year <sup>3</sup> ..... | 42,659               | 43,549 | 49,208 | 70,799            | 39,952               | 45,563 | 55,555 | 69,121            | 2,707         | -2,014 | -6,347 | 1,678             |

<sup>1</sup> Exports of domestic and foreign merchandise; excludes Dept. of Defense shipments of grant-aid military equipment and supplies under Mutual Security Program.

<sup>2</sup> General imports including imports for immediate consumption plus entries into bonded warehouses.

<sup>3</sup> Sum of unadjusted figures.

NOTE.—Bureau of the Census data. Details may not add to totals because of rounding.

### 3. U.S. NET MONETARY GOLD TRANSACTIONS WITH FOREIGN COUNTRIES AND INTERNATIONAL ORGANIZATIONS

(Net sales [-] or net acquisitions; in millions of dollars at \$35 per fine troy ounce until May 8, 1972, and at \$38 per fine troy ounce thereafter)

| Area and country                            | 1963        | 1964       | 1965          | 1966        | 1967          | 1968          | 1969       | 1970         | 1971        | 1972        | 1973 |   |    |     |
|---|-------------|------------|---------------|-------------|---------------|---------------|------------|--------------|-------------|-------------|------|---|----|-----|
|   |             |            |               |             |               |               |            |              |             |             | IV   | I | II | III |
| <b>Western Europe:</b>                      |             |            |               |             |               |               |            |              |             |             |      |   |    |     |
| Austria.....                                | -82         | -55        | -100          | -25         |               |               | 4          |              |             |             |      |   |    |     |
| Belgium.....                                |             | -40        | -83           |             |               | -58           |            |              |             | -110        |      |   |    |     |
| France.....                                 | -518        | -405       | -884          | -601        |               | 600           | 325        | -129         | -473        |             |      |   |    |     |
| Germany, Fed. Rep. of.....                  |             | -225       |               |             |               |               | 500        |              |             |             |      |   |    |     |
| Ireland.....                                |             | -1         | -2            | -2          | -2            | -52           | 41         | 2            |             |             |      |   |    |     |
| Italy.....                                  |             | 200        | -80           | -60         | -85           | -209          | -76        |              |             |             |      |   |    |     |
| Netherlands.....                            |             | -60        | -35           |             |               | -19           |            | -50          | -25         |             |      |   |    |     |
| Spain.....                                  | -130        | -32        | -180          |             |               |               |            | 51           |             |             |      |   |    |     |
| Switzerland.....                            |             | -81        | -50           | -2          | -30           | -50           | -25        | -50          | -175        |             |      |   |    |     |
| United Kingdom.....                         | 329         | 618        | 150           | 80          | -879          | -835          |            |              |             |             |      |   |    |     |
| Bank for Intl. Settlements.....             |             |            |               |             |               |               | 200        |              |             |             |      |   |    |     |
| Other.....                                  | 1           | -6         | -35           | -49         | 16            | -47           | 11         | -29          | -13         |             |      |   |    |     |
| <b>Total.....</b>                           | <b>-399</b> | <b>-88</b> | <b>-1,299</b> | <b>-659</b> | <b>-980</b>   | <b>-669</b>   | <b>969</b> | <b>-204</b>  | <b>-796</b> |             |      |   |    |     |
| <b>Canada.....</b>                          |             |            |               | <b>200</b>  | <b>150</b>    | <b>50</b>     |            |              |             |             |      |   |    |     |
| <b>Latin American republics:</b>            |             |            |               |             |               |               |            |              |             |             |      |   |    |     |
| Argentina.....                              | -30         |            |               | -39         | -1            | -25           | -25        | -28          |             |             |      |   |    |     |
| Brazil.....                                 | 72          | 54         | 25            | -3          | -1            | *             |            | -23          |             |             |      |   |    |     |
| Colombia.....                               |             | 10         | 29            | 7           |               |               | *          | -1           |             |             |      |   |    |     |
| Venezuela.....                              |             |            | -25           |             |               |               |            |              |             |             |      |   |    |     |
| Other.....                                  | -11         | -9         | -13           | -6          | 11            | -40           | -29        | -80          | -5          |             |      |   |    |     |
| <b>Total.....</b>                           | <b>32</b>   | <b>56</b>  | <b>17</b>     | <b>-41</b>  | <b>9</b>      | <b>-65</b>    | <b>-54</b> | <b>-131</b>  | <b>-5</b>   |             |      |   |    |     |
| <b>Asia:</b>                                |             |            |               |             |               |               |            |              |             |             |      |   |    |     |
| Iraq.....                                   |             |            | -10           | -4          | -21           | -42           |            |              |             |             |      |   |    |     |
| Japan.....                                  |             |            |               | -56         |               |               |            | -119         |             |             |      |   |    |     |
| Lebanon.....                                |             | -11        |               | -11         | -1            | -95           |            |              | -35         |             |      |   |    |     |
| Malaysia.....                               |             |            |               |             |               | -34           |            |              | -10         |             |      |   |    |     |
| Philippines.....                            | 25          | 20         | *             | -1          |               | 9             | 40         | -4           | -2          |             |      |   |    |     |
| Saudi Arabia.....                           |             |            |               |             |               | -50           |            |              |             |             |      |   |    |     |
| Singapore.....                              |             |            |               |             |               | -81           | 11         |              | -30         |             |      |   |    |     |
| Other.....                                  | -13         | -6         | -14           | -14         | -22           | -75           | -9         | 2-91         | 39          | -3          |      |   |    |     |
| <b>Total.....</b>                           | <b>12</b>   | <b>3</b>   | <b>-24</b>    | <b>-86</b>  | <b>-44</b>    | <b>-366</b>   | <b>42</b>  | <b>-213</b>  | <b>-38</b>  | <b>-3</b>   |      |   |    |     |
| <b>All other.....</b>                       | <b>-36</b>  | <b>-7</b>  | <b>-16</b>    | <b>-22</b>  | <b>3-166</b>  | <b>3-68</b>   | <b>-1</b>  | <b>-81</b>   | <b>-6</b>   |             |      |   |    |     |
| <b>Total foreign countries.....</b>         | <b>-392</b> | <b>-36</b> | <b>-1,322</b> | <b>-608</b> | <b>-1,031</b> | <b>-1,118</b> | <b>957</b> | <b>-631</b>  | <b>-845</b> | <b>-3</b>   |      |   |    |     |
| <b>Intl. Monetary Fund<sup>4</sup>.....</b> |             |            | <b>5-225</b>  | <b>177</b>  | <b>22</b>     | <b>-3</b>     | <b>10</b>  | <b>-156</b>  | <b>-22</b>  | <b>-544</b> |      |   |    |     |
| <b>Grand total.....</b>                     | <b>-392</b> | <b>-36</b> | <b>-1,547</b> | <b>-431</b> | <b>-1,009</b> | <b>-1,121</b> | <b>967</b> | <b>6-787</b> | <b>-867</b> | <b>-547</b> |      |   |    |     |

<sup>1</sup> Includes purchase from Denmark of \$25 million.

<sup>2</sup> Includes purchase from Kuwait of \$25 million.

<sup>3</sup> Includes sales to Algeria of \$150 million in 1967 and \$50 million in 1968.

<sup>4</sup> Includes IMF gold sales to and purchases from the United States, U.S. payment of increases in its gold subscription to IMF, gold deposits by the IMF (see note 1 (b) to Table 4), and withdrawal of deposits. The first withdrawal (\$17 million) was made in June 1968 and the last withdrawal (\$144 million) was made in Feb. 1972.

IMF sold to the United States a total of \$800 million of gold (\$200 million in 1956, and \$300 million in 1959 and in 1960) with the right of

repurchase; proceeds from these sales invested by IMF in U.S. Treasury securities. IMF repurchased \$400 million in Sept. 1970 and the remaining \$400 million in Feb. 1972.

<sup>5</sup> Payment to the IMF of \$259 million increase in U.S. gold subscription less gold deposits by the IMF.

<sup>6</sup> Includes the U.S. payment of \$385 million increase in its gold subscription to the IMF and gold sold by the IMF to the United States in mitigation of U.S. sales to other countries making gold payments to the IMF. The country data include U.S. gold sales to various countries in connection with the IMF quota payments. Such U.S. sales to countries and resales to the United States by the IMF totaled \$548 million each.

#### NOTES TO TABLE 5 ON OPPOSITE PAGE:

<sup>1</sup> Represents net IMF sales of gold to acquire U.S. dollars for use in IMF operations. Does not include transactions in gold relating to gold deposit or gold investment (see Table 6).

<sup>2</sup> Positive figures represent purchases from the IMF of currencies of other members for equivalent amounts of dollars; negative figures represent repurchase of dollars, including dollars derived from charges on purchases and from other net dollar income of the IMF. The United States has a commitment to repurchase within 3 to 5 years, but only to the extent that the holdings of dollars of the IMF exceed 75 per cent of the U.S. quota. Purchases of dollars by other countries reduce the U.S. commitment to repurchase by an equivalent amount.

<sup>3</sup> Includes dollars obtained by countries other than the United States from sales of gold to the IMF.

<sup>4</sup> Represents the U.S. gold tranche position in the IMF (the U.S. quota minus the holdings of dollars of the IMF), which is the amount

that the United States could purchase in foreign currencies automatically if needed. Under appropriate conditions, the United States could purchase additional amounts equal to its quota.

<sup>5</sup> Includes \$30 million of Special Drawing Rights.

<sup>6</sup> Represents amount payable in dollars to the IMF to maintain the value of IMF holdings of U.S. dollars.

**NOTE.**—The initial U.S. quota in the IMF was \$2,750 million. The U.S. quota was increased to \$4,125 million in 1959, to \$5,160 million in Feb. 1966, to \$6,700 million in Dec. 1970, and revalued to \$7,274 million in May 1972 and \$8,083 million in Oct. 1973 as a result of changes in par value of the U.S. dollar. Under the Articles of Agreement subscription payments equal to the quota have been made 25 per cent in gold and 75 per cent in dollars.

4. U.S. RESERVE ASSETS

(In millions of dollars)

| End of year       | Total   | Gold stock <sup>1</sup> |          | Convertible foreign currencies | Reserve position in IMF <sup>3</sup> | SDR's <sup>4</sup> | End of month | Total    | Gold stock <sup>1</sup> |          | Convertible foreign currencies <sup>5</sup> | Reserve position in IMF <sup>3</sup> | SDR's <sup>4</sup> |
|-------------------|---------|-------------------------|----------|--------------------------------|--------------------------------------|--------------------|--------------|----------|-------------------------|----------|---|--------------------------------------|--------------------|
|                   |         | Total <sup>2</sup>      | Treasury |                                |                                      |                    |              |          | Total <sup>2</sup>      | Treasury |   |                                      |                    |
| 1960...           | 19,359  | 17,804                  | 17,767   | .....                          | 1,555                                | .....              | 1973         |          |                         |          |   |                                      |                    |
| 1961...           | 18,753  | 16,947                  | 16,889   | 116                            | 1,690                                | .....              | Jan....      | 13,054   | 10,487                  | 10,410   | 140   | 469                                  | 1,958              |
| 1962...           | 17,220  | 16,057                  | 15,978   | 99                             | 1,064                                | .....              | Feb....      | 12,926   | 10,487                  | 10,410   | 8   | 473                                  | 1,958              |
| 1963...           | 16,843  | 15,596                  | 15,513   | 212                            | 1,035                                | .....              | Mar....      | 12,931   | 10,487                  | 10,410   | 8   | 478                                  | 1,958              |
| 1964...           | 16,672  | 15,471                  | 15,388   | 432                            | 769                                  | .....              | Apr....      | 12,904   | 10,487                  | 10,410   | 8   | 460                                  | 1,949              |
|                   |         |                         |          |                                |                                      |                    | May....      | 12,916   | 10,487                  | 10,410   | 16  | 464                                  | 1,949              |
| 1965...           | 15,450  | 613,806                 | 613,733  | 781                            | 6,863                                | .....              | June...      | 12,914   | 10,487                  | 10,410   | 8   | 470                                  | 1,949              |
| 1966...           | 14,882  | 13,235                  | 13,159   | 1,321                          | 326                                  | .....              | July....     | 12,918   | 10,487                  | 10,410   | 8   | 474                                  | 1,949              |
| 1967...           | 14,830  | 12,065                  | 11,982   | 2,345                          | 420                                  | .....              | Aug....      | 12,923   | 10,487                  | 10,410   | 8   | 479                                  | 1,949              |
| 1968...           | 15,710  | 10,892                  | 10,367   | 3,528                          | 1,290                                | .....              | Sept...      | 12,927   | 10,487                  | 10,410   | 8   | 483                                  | 1,949              |
| 1969...           | 716,964 | 11,859                  | 10,367   | 72,781                         | 2,324                                | .....              | Oct....      | 1014,367 | 1011,487                | 1011,567 | 8   | 10541                                | 102,166            |
|                   |         |                         |          |                                |                                      |                    | Nov....      | 14,373   | 11,652                  | 11,567   | 8   | 547                                  | 2,166              |
| 1970...           | 14,487  | 11,072                  | 10,732   | 629                            | 1,935                                | 851                | Dec....      | 14,378   | 11,652                  | 11,567   | 8   | 552                                  | 2,166              |
| 1971...           | 812,167 | 10,206                  | 10,132   | 8276                           | 585                                  | 1,100              | 1974         |          |                         |          |   |                                      |                    |
| 1972 <sup>9</sup> | 13,151  | 10,487                  | 10,410   | 241                            | 465                                  | 1,958              | Jan....      | 14,565   | 11,652                  | 11,567   | 59  | 688                                  | 2,166              |
| 1973...           | 14,378  | 11,652                  | 11,567   | 8                              | 552                                  | 2,166              |              |          |                         |          |   |                                      |                    |

<sup>1</sup> Includes (a) gold sold to the United States by the IMF with the right of repurchase, and (b) gold deposited by the IMF to mitigate the impact on the U.S. gold stock of foreign purchases for the purpose of making gold subscriptions to the IMF under quota increases. For corresponding liabilities, see Table 6.

<sup>2</sup> Includes gold in Exchange Stabilization Fund.

<sup>3</sup> The United States has the right to purchase foreign currencies equivalent to its reserve position in the IMF automatically if needed. Under appropriate conditions the United States could purchase additional amounts equal to the U.S. quota. See Table 5.

<sup>4</sup> Includes allocations by the IMF of Special Drawing Rights as follows: \$867 million on Jan. 1, 1970; \$717 million on Jan. 1, 1971; and \$710 million on Jan. 1, 1972; plus net transactions in SDRs.

<sup>5</sup> For holdings of F.R. Banks only, see pp. A-12 and A-13.

<sup>6</sup> Reserve position includes, and gold stock excludes, \$259 million gold subscription to the IMF in June 1965 for a U.S. quota increase which became effective on Feb. 23, 1966. In figures published by the IMF from June 1965 through Jan. 1966, this gold subscription was included in the U.S. gold stock and excluded from the reserve position.

<sup>7</sup> Includes gain of \$67 million resulting from revaluation of the German mark in Oct. 1969, of which \$13 million represents gain on mark holdings at time of revaluation.

<sup>8</sup> Includes \$28 million increase in dollar value of foreign currencies revalued to reflect market exchange rates as of Dec. 31, 1971.

<sup>9</sup> Total reserve assets include an increase of \$1,016 million resulting from change in par value of the U.S. dollar on May 8, 1972; of which, total gold stock is \$828 million (Treasury gold stock \$822 million), reserve position in IMF \$33 million, and SDR's \$155 million.

<sup>10</sup> Total reserve assets include an increase of \$1,436 million resulting from change in par value of the U.S. dollar on Oct. 18, 1973; of which, total gold stock is \$1,165 million (Treas. gold stock \$1,157 million), reserve position in IMF \$54 million, and SDR's \$217 million.

NOTE.—See Table 23 for gold held under earmark at F.R. Banks for foreign and international accounts. Gold under earmark is not included in the gold stock of the United States.

5. U.S. POSITION IN THE INTERNATIONAL MONETARY FUND

(In millions of dollars)

| Period         | Transactions affecting IMF holdings of dollars (during period) |                                    |   |                           |  |                         |        | IMF holdings of dollars (end of period) |        | U.S. reserve position in IMF (end of period) <sup>4</sup> |                        |
|----------------|--|------------------------------------|---|---------------------------|--|-------------------------|--------|---|--------|---|------------------------|
|                | U.S. transactions with IMF                                     |                                    |   |                           | Transactions by other countries with IMF |                         |        | Total change                            | Amount |   | Per cent of U.S. quota |
|                | Payments of subscriptions in dollars                           | Net gold sales by IMF <sup>1</sup> | Transactions in foreign currencies <sup>2</sup> | IMF net income in dollars | Purchases of dollars <sup>3</sup>        | Re-purchases in dollars |        |   |        |   |                        |
| 1946—1957..... | 2,063  | 600                                | .....   | -45                       | -2,670                                   | 827                     | 775    | 775                                     | 28     | 1,975   |                        |
| 1958—1963..... | 1,031  | 150                                | .....   | 60                        | -1,666                                   | 2,740                   | 2,315  | 3,090                                   | 75     | 1,035   |                        |
| 1964—1966..... | 776  | .....                              | 1,640   | 45                        | -723                                     | 6                       | 1,744  | 4,834                                   | 94     | 326   |                        |
| 1967—1969..... | 22   | -84                                | .....   | 59                        | -2,263                                   | 268                     | -1,998 | 2,836                                   | 55     | 2,324   |                        |
| 1970.....      | 1,155  | 5712                               | 150   | 25                        | -854                                     | 741                     | 1,929  | 4,765                                   | 71     | 1,935   |                        |
| 1971.....      | .....  | *                                  | 1,362   | -28                       | -24                                      | 40                      | 1,350  | 6,115                                   | 91     | 585   |                        |
| 1972.....      | 6 541  | .....                              | 200   | -47                       | .....                                    | .....                   | 694    | 6,810                                   | 94     | 465   |                        |
| 1973.....      | 6 754  | .....                              | .....   | -33                       | .....                                    | .....                   | 721    | 7,531                                   | 93     | 552   |                        |
| 1973—Jan.....  | .....  | .....                              | .....   | -4                        | .....                                    | .....                   | -4     | 6,806                                   | 94     | 469   |                        |
| Feb.....       | .....  | .....                              | .....   | -5                        | .....                                    | .....                   | -5     | 6,801                                   | 93     | 473   |                        |
| Mar.....       | .....  | .....                              | .....   | -5                        | .....                                    | .....                   | -5     | 6,796                                   | 93     | 478   |                        |
| Apr.....       | .....  | .....                              | .....   | -4                        | .....                                    | .....                   | -4     | 6,814                                   | 94     | 460   |                        |
| May.....       | .....  | .....                              | .....   | -4                        | .....                                    | .....                   | -4     | 6,810                                   | 94     | 464   |                        |
| June.....      | .....  | .....                              | .....   | -6                        | .....                                    | .....                   | -6     | 6,804                                   | 94     | 470   |                        |
| July.....      | .....  | .....                              | .....   | -4                        | .....                                    | .....                   | -4     | 6,800                                   | 93     | 474   |                        |
| Aug.....       | .....  | .....                              | .....   | -5                        | .....                                    | .....                   | -5     | 6,795                                   | 93     | 479   |                        |
| Sept.....      | .....  | .....                              | .....   | -4                        | .....                                    | .....                   | -4     | 6,791                                   | 93     | 483   |                        |
| Oct.....       | 6 754  | .....                              | .....   | -4                        | .....                                    | .....                   | -4     | 7,541                                   | 93     | 541   |                        |
| Nov.....       | .....  | .....                              | .....   | -5                        | .....                                    | .....                   | -5     | 7,536                                   | 93     | 547   |                        |
| Dec.....       | .....  | .....                              | .....   | -5                        | .....                                    | .....                   | -5     | 7,531                                   | 93     | 552   |                        |
| 1974—Jan.....  | .....  | .....                              | -133  | -4                        | .....                                    | .....                   | -137   | 7,394                                   | 91     | 688   |                        |

For notes see opposite page.

### 6. U.S. LIQUID AND OTHER LIABILITIES TO FOREIGN OFFICIAL INSTITUTIONS, AND LIQUID LIABILITIES TO ALL OTHER FOREIGNERS

(In millions of dollars)

| End of period                 | Total            | Liquid liabilities to IMF arising from gold transactions <sup>1</sup> | Liabilities to foreign countries   |  |   |  |   |   |  |                |  |   | Liquid liabilities to non-monetary intl. and regional organizations <sup>8</sup> |
|-------------------------------|------------------|---|------------------------------------|--|---|--|---|---|--|----------------|--|---|--|
|                               |                  |   | Official institutions <sup>2</sup> |  |   |  |   |   | Liquid liabilities to other foreigners                     |                |  |   |  |
|                               |                  |   | Total                              | Liquid   |   |  | Nonmarketable nonconvertible U.S. Treas. bonds and notes <sup>4</sup> | Other readily marketable liabilities <sup>5</sup> | Liquid liabilities to commercial banks abroad <sup>6</sup> | Total          | Short-term liabilities reported by banks in U.S. | Marketable U.S. Treas. bonds and notes <sup>3,7</sup> |  |
|                               |                  |   |                                    | Short-term liabilities reported by banks in U.S. | Marketable U.S. Treas. bonds and notes <sup>3</sup> | Nonmarketable nonconvertible U.S. Treas. bonds and notes |   |   |  |                |  |   |  |
| 1962 .....                    | 24,268           | 800   | 12,914                             | 11,963   | 751   | .....  | 200   | .....   | 5,346  | 3,013          | 2,565  | 448   | 2,195  |
| 1963 <sup>9</sup> .....       | 26,433<br>26,394 | 800<br>800  | 14,459<br>14,425                   | 12,467<br>12,467                                 | 1,217<br>1,183                                      | 703<br>703   | 63<br>63  | 9<br>9  | 5,817<br>5,817   | 3,397<br>3,387 | 3,046<br>3,046                                   | 351<br>341  | 1,960<br>1,965   |
| 1964 <sup>9</sup> .....       | 29,313<br>29,364 | 800<br>800  | 15,790<br>15,786                   | 13,224<br>13,220                                 | 1,125<br>1,125                                      | 1,079<br>1,079   | 204<br>204  | 158<br>158  | 7,271<br>7,303   | 3,730<br>3,753 | 3,354<br>3,377                                   | 376<br>376  | 1,722<br>1,722   |
| 1965 .....                    | 29,569           | 834   | 15,826                             | 13,066   | 1,105   | 1,201  | 334   | 120   | 7,419  | 4,059          | 3,587  | 472   | 1,431  |
| 1966 <sup>9</sup> .....       | 31,145<br>31,020 | 1,011<br>1,011  | 14,841<br>14,896                   | 12,484<br>12,539                                 | 860<br>860  | 256<br>256   | 328<br>328  | 913<br>913  | 10,116<br>9,936  | 4,271<br>4,272 | 3,743<br>3,744                                   | 528<br>528  | 906<br>905   |
| 1967 <sup>9</sup> .....       | 35,819<br>35,667 | 1,033<br>1,033  | 18,201<br>18,194                   | 14,034<br>14,027                                 | 908<br>908  | 711<br>711   | 741<br>741  | 1,807<br>1,807                                    | 11,209<br>11,085   | 4,685<br>4,678 | 4,127<br>4,120                                   | 558<br>558  | 691<br>677   |
| 1968 <sup>9</sup> .....       | 38,687<br>38,473 | 1,030<br>1,030  | 17,407<br>17,340                   | 11,318<br>11,318                                 | 529<br>462  | 701<br>701   | 2,518<br>2,518  | 2,341<br>2,341                                    | 14,472<br>14,472   | 5,053<br>4,909 | 4,444<br>4,444                                   | 609<br>465  | 725<br>722   |
| 1969 <sup>9</sup> .....       | 45,755<br>45,914 | 1,019<br>1,019  | 15,975<br>15,998                   | 11,054<br>11,077                                 | 346<br>346  | 555  | 1,025<br>2,515  | 1,505<br>1,505                                    | 23,638<br>23,645   | 4,464<br>4,589 | 3,939<br>4,064                                   | 525<br>525  | 659<br>663   |
| 1970—Dec. <sup>9</sup> .....  | 47,009<br>46,960 | 566<br>566  | 23,786<br>23,775                   | 19,333<br>19,333                                 | 306<br>295  | 429<br>429   | 3,023<br>3,023  | 695<br>695  | 17,137<br>17,169   | 4,676<br>4,604 | 4,029<br>4,039                                   | 647<br>565  | 844<br>846   |
| 1971—Dec. <sup>11</sup> ..... | 67,681<br>67,808 | 544<br>544  | 51,209<br>50,651                   | 39,679<br>39,018                                 | 1,955<br>1,955                                      | 6,060<br>6,093   | 3,371<br>3,441  | 144<br>144  | 10,262<br>10,949   | 4,138<br>4,141 | 3,691<br>3,694                                   | 447<br>447  | 1,528<br>1,523   |
| 1972—Dec. ....                | 82,883           | .....   | 61,520                             | 39,994   | 5,236   | 12,108   | 3,639   | 543   | 14,785   | 4,952          | 4,527  | 425   | 1,626  |
| 1973—Jan. ....                | 82,048           | .....   | 60,796                             | 38,534   | 5,798   | 12,110   | 3,780   | 574   | 14,767   | 4,892          | 4,467  | 425   | 1,593  |
| Feb. ....                     | 87,854           | .....   | 68,475                             | 45,413   | 6,377   | 12,110   | 3,627   | 948   | 12,791   | 4,968          | 4,596  | 372   | 1,620  |
| Mar. ....                     | 1290,884         | .....   | 1271,331                           | 46,924   | 6,917   | 12,128   | 3,617   | 1,745   | 12,955   | 4,960          | 4,584  | 376   | 1,638  |
| Apr. ....                     | 1390,580         | .....   | 70,748                             | 45,949   | 6,934   | 12,245   | 3,631   | 1,989   | 13,052   | 5,149          | 4,750  | 399   | 1,631  |
| May. ....                     | 92,085           | .....   | 70,915                             | 46,112   | 6,934   | 12,245   | 3,628   | 1,996   | 14,274   | 5,147          | 4,763  | 384   | 1,749  |
| June. ....                    | 92,185           | .....   | 70,693                             | 45,705   | 6,934   | 12,245   | 3,805   | 2,004   | 14,500   | 5,323          | 4,940  | 383   | 1,669  |
| July. ....                    | 93,212           | .....   | 71,019                             | 46,129   | 6,934   | 12,245   | 3,705   | 2,006   | 15,420   | 5,257          | 4,883  | 374   | 1,516  |
| Aug. ....                     | 92,569           | .....   | 70,513                             | 45,714   | 6,906   | 12,319   | 3,555   | 2,019   | 15,204   | 5,322          | 4,987  | 335   | 1,530  |
| Sept. ....                    | 92,072           | .....   | 69,775                             | 45,172   | 6,914   | 12,319   | 3,355   | 2,015   | 15,199   | 5,479          | 5,132  | 347   | 1,619  |
| Oct. ....                     | 93,171           | .....   | 69,701                             | 45,211   | 6,929   | 12,319   | 3,233   | 2,009   | 16,131   | 5,519          | 5,145  | 374   | 1,820  |
| Nov. <sup>9</sup> .....       | 92,559           | .....   | 67,367                             | 43,756   | 6,207   | 12,319   | 3,234   | 1,851   | 17,496   | 5,689          | 5,279  | 410   | 2,007  |
| Dec. <sup>9</sup> .....       | 92,588           | .....   | 66,790                             | 43,914   | 5,686   | 12,319   | 3,210   | 1,661   | 17,645   | 6,153          | 5,723  | 430   | 2,000  |

<sup>1</sup> Includes (a) liability on gold deposited by the IMF to mitigate the impact on the U.S. gold stock of foreign purchases for gold subscriptions to the IMF under quota increases, and (b) U.S. Treasury obligations at cost value and funds awaiting investment obtained from proceeds of sales of gold by the IMF to the United States to acquire income-earning assets.

<sup>2</sup> Includes BIS and European Fund.

<sup>3</sup> Derived by applying reported transactions to benchmark data; breakdown of transactions by type of holder estimated 1962-63.

<sup>4</sup> Excludes notes issued to foreign official nonreserve agencies.

<sup>5</sup> Includes long-term liabilities reported by banks in the United States and debt securities of U.S. Federally-sponsored agencies and U.S. corporations.

<sup>6</sup> Includes short-term liabilities payable in dollars to commercial banks abroad and short-term liabilities payable in foreign currencies to commercial banks abroad and to "other foreigners."

<sup>7</sup> Includes marketable U.S. Treasury bonds and notes held by commercial banks abroad.

<sup>8</sup> Principally the International Bank for Reconstruction and Development and the Inter-American and Asian Development Banks.

<sup>9</sup> Data on the two lines shown for this date differ because of changes in reporting coverage. Figures on first line are comparable with those shown for the preceding date; figures on second line are comparable with those shown for the following date.

<sup>10</sup> Includes \$101 million increase in dollar value of foreign currency liabilities resulting from revaluation of the German mark in Oct. 1969 as follows: liquid, \$17 million, and other, \$84 million.

<sup>11</sup> Data on the second line differ from those on first line because certain accounts previously classified as "official institutions" are included with "banks"; a number of reporting banks are included in the series for the first time; and U.S. Treasury securities payable in foreign currencies issued to official institutions of foreign countries have been increased in value to reflect market exchange rates as of Dec. 31, 1971.

<sup>12</sup> Includes \$15 million increase in dollar value of foreign currency liabilities revalued to reflect market exchange rates.

<sup>13</sup> Includes \$147 million increase in dollar value of foreign currency liabilities to official institutions of foreign countries revalued to reflect market exchange rates as follows: short-term liabilities, \$15 million; nonmarketable convertible U.S. Treasury bonds and notes, \$113 million; and nonmarketable nonconvertible U.S. Treasury bonds and notes, \$19 million.

NOTE.—Based on Treasury Dept. data and on data reported to the Treasury Dept. by banks and brokers in the United States. Data correspond generally to statistics following in this section, except for the exclusion of nonmarketable, nonconvertible U.S. Treasury notes issued to foreign official nonreserve agencies, the inclusion of investments by foreign official reserve agencies in debt securities of U.S. Federally-sponsored agencies and U.S. corporations, and minor rounding differences. Table excludes IMF "holdings of dollars," and holdings of U.S. Treasury letters of credit and non-negotiable, non-interest-bearing special U.S. notes held by other international and regional organizations.

**7. U.S. LIQUID AND OTHER LIABILITIES TO OFFICIAL INSTITUTIONS OF FOREIGN COUNTRIES, BY AREA**

(Amounts outstanding; in millions of dollars)

| End of period                | Total foreign countries | Western Europe <sup>1</sup> | Canada | Latin American republics | Asia   | Africa | Other countries <sup>2</sup> |
|------------------------------|-------------------------|-----------------------------|--------|--------------------------|--------|--------|------------------------------|
| 1967.....                    | 18,194                  | 10,321                      | 1,310  | 1,582                    | 4,428  | 250    | 303                          |
| 1968 <sup>3</sup> .....      | 17,407                  | 8,070                       | 1,867  | 1,865                    | 5,043  | 259    | 303                          |
| 1969 <sup>3</sup> .....      | 17,340                  | 8,062                       | 1,866  | 1,865                    | 4,997  | 248    | 302                          |
| 1969 <sup>3</sup> .....      | 15,975                  | 7,074                       | 1,624  | 1,888                    | 4,552  | 546    | 291                          |
| 1969 <sup>3</sup> .....      | 15,998                  | 7,074                       | 1,624  | 1,911                    | 4,552  | 546    | 291                          |
| 1970 <sup>3</sup> .....      | 23,786                  | 13,620                      | 2,951  | 1,681                    | 4,713  | 407    | 414                          |
| 1970 <sup>3</sup> .....      | 23,775                  | 13,615                      | 2,951  | 1,681                    | 4,708  | 407    | 413                          |
| 1971 <sup>5</sup> .....      | 51,209                  | 30,010                      | 3,980  | 1,414                    | 14,519 | 415    | 871                          |
| 1971 <sup>5</sup> .....      | 50,651                  | 30,134                      | 3,980  | 1,429                    | 13,823 | 415    | 870                          |
| 1972—Dec.....                | 61,520                  | 34,197                      | 4,279  | 1,731                    | 17,573 | 777    | 2,963                        |
| 1973—Jan.....                | 60,796                  | 34,146                      | 4,201  | 1,728                    | 17,033 | 673    | 3,015                        |
| 1973—Feb.....                | 68,475                  | 40,773                      | 4,290  | 1,895                    | 17,907 | 809    | 2,801                        |
| 1973—Mar.....                | 71,331                  | 45,229                      | 4,221  | 1,749                    | 16,564 | 823    | 2,745                        |
| 1973—Apr.....                | 70,748                  | 45,608                      | 4,157  | 1,915                    | 15,415 | 839    | 2,814                        |
| 1973—May.....                | 70,915                  | 46,646                      | 4,104  | 1,903                    | 14,425 | 940    | 2,897                        |
| 1973—June.....               | 70,693                  | 46,967                      | 4,111  | 1,998                    | 13,727 | 992    | 2,898                        |
| 1973—July.....               | 71,019                  | 47,140                      | 4,043  | 2,072                    | 13,686 | 928    | 3,150                        |
| 1973—Aug.....                | 70,513                  | 47,260                      | 3,836  | 2,014                    | 13,631 | 738    | 3,034                        |
| 1973—Sept.....               | 69,775                  | 47,099                      | 3,759  | 1,860                    | 13,289 | 769    | 2,999                        |
| 1973—Oct.....                | 69,701                  | 47,515                      | 3,851  | 1,937                    | 12,601 | 735    | 3,062                        |
| 1973—Nov. <sup>6</sup> ..... | 67,367                  | 46,003                      | 3,820  | 2,212                    | 11,475 | 771    | 3,086                        |
| 1973—Dec. <sup>7</sup> ..... | 66,790                  | 45,713                      | 3,838  | 2,546                    | 10,881 | 788    | 3,024                        |

<sup>1</sup> Includes Bank for International Settlements and European Fund.  
<sup>2</sup> Includes countries in Oceania and Eastern Europe, and Western European dependencies in Latin America.  
<sup>3</sup> See note 9 to Table 6.  
<sup>4</sup> Includes \$101 million increase in dollar value of foreign currency liabilities resulting from revaluation of the German mark in Oct. 1969.  
<sup>5</sup> Data on second line differ from those on the first line because certain accounts previously classified as "Official institutions" are included in "Banks"; a number of reporting banks are included in the series for the first time; and U.S. Treasury liabilities payable in foreign currencies to official institutions of foreign countries have been increased in value by \$110 million to reflect market exchange rates as of Dec. 31, 1971.  
<sup>6</sup> Includes \$15 million increase in dollar value of foreign currency liabilities revalued to reflect market exchange rates.  
<sup>7</sup> Includes \$147 million increase in dollar value of foreign currency liabilities revalued to reflect market exchange rates.

NOTE.—Data represent short- and long-term liabilities to the official institutions of foreign countries, as reported by banks in the United States; foreign official holdings of marketable and nonmarketable U.S. Treasury securities with an original maturity of more than 1 year, except for nonmarketable notes issued to foreign official nonreserve agencies; and investments by foreign official reserve agencies in debt securities of U.S. Federally-sponsored agencies and U.S. corporations.

**8. SHORT-TERM LIABILITIES TO FOREIGNERS REPORTED BY BANKS IN THE UNITED STATES, BY TYPE**

(Amounts outstanding; in millions of dollars)

| End of period                | To all foreigners  |                    |          |                   |   |                               |                                  | To nonmonetary international and regional organizations <sup>6</sup> |                   |        |                                      |                                     |                   |
|------------------------------|--------------------|--------------------|----------|-------------------|---|-------------------------------|----------------------------------|--|-------------------|--------|--------------------------------------|-------------------------------------|-------------------|
|                              | Total <sup>1</sup> | Payable in dollars |          |                   |   | Payable in foreign currencies | IMF gold investment <sup>5</sup> | Total  | Deposits          |        | U.S. Treasury bills and certificates | Other short-term liab. <sup>4</sup> |                   |
|                              |                    | Total              | Deposits |                   | U.S. Treasury bills and certificates <sup>3</sup> |                               |                                  |  | Time <sup>2</sup> | Demand |                                      |                                     | Time <sup>2</sup> |
|                              |                    |                    | Demand   | Time <sup>2</sup> |   |                               |                                  |  |                   |        |                                      |                                     |                   |
| 1969.....                    | 40,199             | 39,770             | 20,460   | 6,959             | 5,015   | 7,336                         | 429                              | 800  | 613               | 62     | 83                                   | 244                                 | 223               |
| 1970 <sup>7</sup> .....      | 41,719             | 41,351             | 15,785   | 5,924             | 14,123  | 5,519                         | 368                              | 400  | 820               | 69     | 159                                  | 211                                 | 381               |
| 1970 <sup>7</sup> .....      | 41,761             | 41,393             | 15,795   | 5,961             | 14,123  | 5,514                         | 368                              | 400  | 820               | 69     | 159                                  | 211                                 | 381               |
| 1971 <sup>8</sup> .....      | 55,404             | 55,018             | 10,399   | 5,209             | 33,025  | 6,385                         | 386                              | 400  | 1,372             | 73     | 192                                  | 210                                 | 896               |
| 1971 <sup>8</sup> .....      | 55,428             | 55,036             | 6,459    | 4,217             | 33,025  | 11,335                        | 392                              | 400  | 1,367             | 73     | 192                                  | 210                                 | 892               |
| 1972—Dec.....                | 60,719             | 60,222             | 8,288    | 5,629             | 31,850  | 14,455                        | 496                              | .....  | 1,412             | 86     | 202                                  | 326                                 | 799               |
| 1973—Jan.....                | 59,148             | 58,622             | 7,452    | 5,533             | 30,134  | 15,504                        | 526                              | .....  | 1,380             | 118    | 172                                  | 279                                 | 811               |
| 1973—Feb.....                | 64,218             | 63,705             | 7,786    | 5,595             | 36,522  | 13,801                        | 513                              | .....  | 1,418             | 133    | 144                                  | 287                                 | 854               |
| 1973—Mar.....                | 65,889             | 65,341             | 7,606    | 5,612             | 37,947  | 14,175                        | 548                              | .....  | 1,426             | 114    | 134                                  | 260                                 | 918               |
| 1973—Apr.....                | 65,180             | 64,596             | 8,118    | 5,654             | 36,440  | 14,383                        | 584                              | .....  | 1,429             | 119    | 112                                  | 221                                 | 976               |
| 1973—May.....                | 66,729             | 66,157             | 8,364    | 5,714             | 35,965  | 16,114                        | 572                              | .....  | 1,579             | 141    | 119                                  | 148                                 | 1,172             |
| 1973—June.....               | 66,714             | 66,070             | 9,113    | 5,829             | 34,931  | 16,197                        | 644                              | .....  | 1,569             | 155    | 134                                  | 169                                 | 1,110             |
| 1973—July.....               | 67,919             | 67,312             | 8,988    | 5,876             | 34,556  | 17,948                        | 607                              | .....  | 1,486             | 206    | 114                                  | 116                                 | 1,049             |
| 1973—Aug.....                | 67,389             | 66,779             | 8,435    | 6,139             | 34,257  | 17,948                        | 611                              | .....  | 1,485             | 178    | 116                                  | 61                                  | 1,129             |
| 1973—Sept.....               | 67,056             | 66,395             | 8,754    | 6,130             | 33,702  | 17,809                        | 660                              | .....  | 1,552             | 80     | 100                                  | 62                                  | 1,311             |
| 1973—Oct.....                | 68,254             | 67,678             | 9,108    | 6,770             | 32,869  | 18,930                        | 577                              | .....  | 1,767             | 70     | 93                                   | 173                                 | 1,430             |
| 1973—Nov. <sup>9</sup> ..... | 68,490             | 67,883             | 9,860    | 6,857             | 31,977  | 19,189                        | 607                              | .....  | 1,959             | 73     | 95                                   | 373                                 | 1,419             |
| 1973—Dec. <sup>9</sup> ..... | 69,234             | 68,638             | 11,419   | 7,015             | 31,866  | 18,338                        | 597                              | .....  | 1,952             | 101    | 84                                   | 296                                 | 1,470             |

For notes see the following page.

8. SHORT-TERM LIABILITIES TO FOREIGNERS REPORTED BY BANKS IN THE UNITED STATES, BY TYPE—Continued

(Amounts outstanding; in millions of dollars)

| End of period           | Total to official, banks and other foreigners |                        |   |                                      |                                     | To official institutions <sup>10</sup> |                    |   |                                     |  | Payable in foreign currencies |       |
|-------------------------|---|------------------------|---|--------------------------------------|-------------------------------------|--|--------------------|---|-------------------------------------|--|-------------------------------|-------|
|                         | Total   | Payable in dollars     |   |                                      | Payable in foreign currencies       | Total                                  | Payable in dollars |   |                                     | Payable in foreign currencies                                |                               |       |
|                         |   | Deposits               | U.S. Treasury bills and certificates <sup>3</sup> | Other short-term liab. <sup>4</sup>  |                                     |  | Deposits           | U.S. Treasury bills and certificates <sup>3</sup> | Other short-term liab. <sup>4</sup> |  |                               |       |
| Demand                  | Time <sup>2</sup>                             | Demand                 |   |                                      | Time <sup>2</sup>                   |  |                    |   |                                     |  |                               |       |
| 1969.....               | 38,786  | 20,397                 | 6,876   | 3,971                                | 7,113                               | 429                                    | 11,077             | 1,930   | 2,942                               | 3,844  | 2,159                         | 202   |
|                         | 40,499  | 15,716                 | 5,765   | 13,511                               | 5,138                               | 368                                    | 19,333             | 1,652   | 2,554                               | 13,367   | 1,612                         | 148   |
| 1970 <sup>7</sup> ..... | 40,541  | 15,726                 | 5,802   | 13,511                               | 5,133                               | 368                                    | 19,333             | 1,652   | 2,554                               | 13,367   | 1,612                         | 148   |
|                         | 53,632  | 10,326                 | 5,017   | 32,415                               | 5,489                               | 386                                    | 39,679             | 1,620   | 2,504                               | 32,311   | 3,086                         | 158   |
| 1971 <sup>8</sup> ..... | 53,661  | 6,386                  | 4,025   | 32,415                               | 10,443                              | 392                                    | 39,018             | 1,327   | 2,039                               | 32,311   | 3,177                         | 165   |
| 1972—Dec.....           | 59,306  | 8,203                  | 5,427   | 31,523                               | 13,657                              | 496                                    | 39,994             | 1,589   | 2,876                               | 31,453   | 3,905                         | 171   |
| 1973—Jan.....           | 57,768  | 7,333                  | 5,361   | 29,855                               | 14,693                              | 526                                    | 38,534             | 1,405   | 2,875                               | 29,779   | 4,303                         | 171   |
|                         | 62,800  | 7,653                  | 5,450   | 36,235                               | 12,948                              | 513                                    | 45,413             | 1,756   | 2,841                               | 36,147   | 4,497                         | 172   |
|                         | 64,463  | 7,492                  | 5,478   | 37,687                               | 13,257                              | 548                                    | 46,924             | 1,543   | 2,832                               | 37,620   | 4,757                         | 172   |
|                         | 63,751  | 7,999                  | 5,542   | 36,219                               | 13,407                              | 584                                    | 45,949             | 1,714   | 2,916                               | 36,137   | 4,996                         | 9 187 |
|                         | 65,149  | 8,223                  | 5,596   | 35,817                               | 14,942                              | 572                                    | 46,112             | 1,719   | 2,945                               | 35,736   | 5,525                         | 187   |
|                         | 65,145  | 8,958                  | 5,695   | 34,762                               | 15,087                              | 644                                    | 45,705             | 1,940   | 3,117                               | 34,684   | 5,777                         | 187   |
|                         | 66,432  | 8,781                  | 5,761   | 34,440                               | 16,843                              | 607                                    | 46,129             | 1,934   | 3,185                               | 34,360   | 6,461                         | 189   |
|                         | 65,905  | 8,257                  | 6,023   | 34,196                               | 16,819                              | 611                                    | 45,714             | 1,575   | 3,348                               | 34,118   | 6,545                         | 127   |
|                         | 65,503  | 8,674                  | 6,030   | 33,640                               | 16,498                              | 660                                    | 45,172             | 1,631   | 3,226                               | 33,554   | 6,634                         | 127   |
|                         | 66,487  | 9,038                  | 6,677   | 32,696                               | 17,500                              | 577                                    | 45,211             | 1,810   | 3,246                               | 32,613   | 6,815                         | 127   |
|                         | 66,531  | 9,788                  | 6,762   | 31,604                               | 17,770                              | 607                                    | 43,756             | 2,020   | 3,780                               | 31,529   | 6,300                         | 127   |
|                         | 67,282  | 11,318                 | 6,930   | 31,570                               | 16,867                              | 597                                    | 43,914             | 2,119   | 3,916                               | 31,491   | 6,261                         | 127   |
|                         |   |                        |   |                                      |                                     |  |                    |   |                                     |  |                               |       |
| End of period           | Total   | To banks <sup>11</sup> |   |                                      |                                     | To other foreigners                    |                    |   |                                     | To banks and other foreigners: Payable in foreign currencies |                               |       |
|                         |   | Payable in dollars     |   |                                      |                                     | Payable in dollars                     |                    |   |                                     |  |                               |       |
|                         |   | Total                  | Deposits  | U.S. Treasury bills and certificates | Other short-term liab. <sup>4</sup> | Total                                  | Deposits           | U.S. Treasury bills and certificates              | Other short-term liab. <sup>4</sup> |  |                               |       |
| Demand                  | Time <sup>2</sup>                             | Demand                 | Time <sup>2</sup>                                 |                                      |                                     |  |                    |   |                                     |  |                               |       |
| 1969.....               | 27,709  | 23,419                 | 16,756  | 1,999                                | 20                                  | 4,644                                  | 4,064              | 1,711   | 1,935                               | 107  | 312                           | 226   |
|                         | 21,166  | 16,917                 | 12,376  | 1,326                                | 14                                  | 3,202                                  | 4,029              | 1,688   | 1,886                               | 131  | 325                           | 220   |
| 1970 <sup>7</sup> ..... | 21,208  | 16,949                 | 12,385  | 1,354                                | 14                                  | 3,197                                  | 4,039              | 1,688   | 1,895                               | 131  | 325                           | 220   |
|                         | 13,953  | 10,034                 | 7,047   | 850                                  | 8                                   | 2,130                                  | 3,691              | 1,660   | 1,663                               | 96   | 274                           | 228   |
| 1971 <sup>8</sup> ..... | 14,643  | 10,721                 | 3,399   | 320                                  | 8                                   | 6,995                                  | 3,694              | 1,660   | 1,666                               | 96   | 271                           | 228   |
| 1972—Dec.....           | 19,312  | 14,460                 | 4,659   | 525                                  | 5                                   | 9,270                                  | 4,527              | 1,954   | 2,026                               | 65   | 481                           | 325   |
| 1973—Jan.....           | 19,234  | 14,413                 | 4,155   | 415                                  | 7                                   | 9,835                                  | 4,467              | 1,773   | 2,070                               | 69   | 555                           | 355   |
|                         | 17,387  | 12,449                 | 4,084   | 483                                  | 5                                   | 7,877                                  | 4,596              | 1,813   | 2,127                               | 83   | 573                           | 341   |
|                         | 17,539  | 12,579                 | 4,144   | 518                                  | 5                                   | 7,912                                  | 4,584              | 1,805   | 2,128                               | 63   | 588                           | 376   |
|                         | 17,803  | 12,654                 | 4,335   | 514                                  | 7                                   | 7,799                                  | 4,751              | 1,951   | 2,113                               | 75   | 611                           | 398   |
|                         | 19,037  | 13,889                 | 4,645   | 535                                  | 8                                   | 8,701                                  | 4,764              | 1,859   | 2,116                               | 73   | 716                           | 385   |
|                         | 19,440  | 14,042                 | 5,053   | 404                                  | 8                                   | 8,577                                  | 4,941              | 1,965   | 2,174                               | 70   | 732                           | 457   |
|                         | 20,303  | 15,003                 | 4,957   | 432                                  | 8                                   | 9,605                                  | 4,883              | 1,890   | 2,144                               | 72   | 776                           | 418   |
|                         | 20,191  | 14,720                 | 4,806   | 491                                  | 10                                  | 9,413                                  | 4,987              | 1,876   | 2,183                               | 68   | 861                           | 483   |
|                         | 20,331  | 14,666                 | 5,071   | 603                                  | 8                                   | 8,983                                  | 5,132              | 1,972   | 2,201                               | 77   | 881                           | 533   |
|                         | 21,276  | 15,681                 | 5,251   | 651                                  | 7                                   | 9,772                                  | 5,145              | 1,977   | 2,179                               | 76   | 912                           | 449   |
|                         | 22,775  | 17,016                 | 5,761   | 693                                  | 8                                   | 10,554                                 | 5,279              | 2,007   | 2,289                               | 67   | 915                           | 480   |
|                         | 23,367  | 17,176                 | 6,967   | 527                                  | 11                                  | 9,670                                  | 5,722              | 2,232   | 2,487                               | 68   | 936                           | 469   |

<sup>1</sup> Data exclude "holdings of dollars" of the IMF.  
<sup>2</sup> Excludes negotiable time certificates of deposit, which are included in "Other."  
<sup>3</sup> Includes nonmarketable certificates of indebtedness issued to official institutions of foreign countries.  
<sup>4</sup> Principally bankers' acceptances, commercial paper, and negotiable time certificates of deposit. See also note 8(a).  
<sup>5</sup> U.S. Treasury bills and certificates obtained from proceeds of sales of gold by the IMF to the United States to acquire income-earning assets. Upon termination of investment, the same quantity of gold was reacquired by the IMF.  
<sup>6</sup> Principally the International Bank for Reconstruction and Development and the Inter-American Development Bank.  
<sup>7</sup> Includes difference between cost value and face value of securities in IMF gold investment account.  
<sup>8</sup> Data on the two lines shown for this date differ because of changes in reporting coverage. Figures on the first line are comparable in coverage with those shown for the preceding date; figures on the second line are comparable with those shown for the following date.  
<sup>9</sup> Data on second line differ from those on first line because (a) those liabilities of U.S. banks to their foreign branches and those liabilities of

U.S. agencies and branches of foreign banks to their head offices and foreign branches, which were previously reported as deposits, are included in "Other short-term liabilities"; (b) certain accounts previously classified as "Official institutions" are included in "Banks"; and (c) a number of reporting banks are included in the series for the first time.  
<sup>9</sup> Includes \$15 million increase in foreign currency liabilities revalued to reflect market exchange rates.  
<sup>10</sup> Foreign central banks and foreign central govts. and their agencies, and Bank for International Settlements and European Fund.  
<sup>11</sup> Excludes central banks, which are included in "Official institutions."  
 NOTE.—"Short term" refers to obligations payable on demand or having an original maturity of 1 year or less. For data on long-term liabilities reported by banks, see Table 10. Data exclude the "holdings of dollars" of the International Monetary Fund; these obligations to the IMF constitute contingent liabilities, since they represent essentially the amount of dollars available for drawings from the IMF by other member countries. Data exclude also U.S. Treasury letters of credit and non-negotiable, non-interest-bearing special U.S. notes held by the Inter-American Development Bank and the International Development Association.

**9. SHORT-TERM LIABILITIES TO FOREIGNERS REPORTED BY BANKS  
IN THE UNITED STATES, BY COUNTRY**

(End of period. Amounts outstanding; in millions of dollars)

| Area and country                         | 1973          |               |               |               |               |               |               |               |               |                   |                   |  |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|-------------------|--|
|  | Dec.          | Mar.          | Apr.          | May           | June          | July          | Aug.          | Sept.         | Oct.          | Nov. <sup>a</sup> | Dec. <sup>b</sup> |  |
| <b>Europe:</b>                           |               |               |               |               |               |               |               |               |               |                   |                   |  |
| Austria.....                             | 272           | 281           | 292           | 301           | 297           | 305           | 302           | 292           | 204           | 172               | 161               |  |
| Belgium-Luxembourg.....                  | 1,092         | 1,253         | 1,245         | 1,373         | 1,376         | 1,456         | 1,378         | 1,377         | 1,410         | 1,457             | 1,483             |  |
| Denmark.....                             | 284           | 400           | 406           | 502           | 489           | 477           | 437           | 409           | 470           | 527               | 659               |  |
| Finland.....                             | 163           | 142           | 168           | 244           | 194           | 165           | 153           | 145           | 135           | 135               | 165               |  |
| France.....                              | 4,441         | 5,000         | 5,167         | 5,327         | 5,406         | 5,452         | 5,246         | 5,296         | 4,143         | 3,416             | 3,483             |  |
| Germany.....                             | 5,346         | 12,990        | 12,701        | 12,161        | 12,003        | 12,837        | 12,912        | 13,236        | 14,180        | 14,227            | 13,228            |  |
| Greece.....                              | 238           | 223           | 175           | 219           | 219           | 240           | 236           | 215           | 280           | 236               | 389               |  |
| Italy.....                               | 1,338         | 968           | 1,020         | 1,171         | 1,072         | 870           | 1,506         | 1,140         | 1,095         | 1,224             | 1,384             |  |
| Netherlands.....                         | 1,468         | 2,532         | 2,543         | 2,427         | 2,369         | 2,029         | 1,945         | 2,022         | 2,534         | 2,866             | 2,886             |  |
| Norway.....                              | 978           | 1,018         | 1,035         | 1,046         | 1,049         | 1,082         | 1,055         | 1,024         | 999           | 980               | 965               |  |
| Portugal.....                            | 416           | 518           | 502           | 511           | 500           | 477           | 472           | 459           | 467           | 470               | 534               |  |
| Spain.....                               | 256           | 256           | 250           | 325           | 334           | 282           | 237           | 259           | 284           | 319               | 305               |  |
| Sweden.....                              | 1,184         | 1,483         | 1,682         | 1,787         | 1,905         | 1,951         | 1,871         | 1,835         | 1,787         | 1,807             | 1,885             |  |
| Switzerland.....                         | 2,857         | 2,901         | 2,959         | 3,272         | 3,268         | 3,310         | 3,226         | 3,309         | 3,316         | 3,081             | 3,403             |  |
| Turkey.....                              | 97            | 105           | 118           | 71            | 75            | 102           | 115           | 72            | 83            | 82                | 102               |  |
| United Kingdom.....                      | 5,011         | 4,657         | 4,741         | 5,899         | 6,317         | 6,457         | 5,943         | 5,593         | 6,416         | 6,487             | 6,148             |  |
| Yugoslavia.....                          | 117           | 58            | 69            | 73            | 66            | 66            | 57            | 58            | 61            | 76                | 86                |  |
| Other Western Europe <sup>1</sup> .....  | 1,483         | 1,619         | 1,772         | 2,164         | 2,360         | 2,965         | 3,015         | 3,099         | 3,427         | 2,930             | 3,340             |  |
| U.S.S.R.....                             | 11            | 14            | 8             | 9             | 11            | 18            | 17            | 16            | 40            | 20                | 22                |  |
| Other Eastern Europe.....                | 81            | 71            | 71            | 66            | 74            | 81            | 90            | 114           | 96            | 101               | 110               |  |
| <b>Total.....</b>                        | <b>27,134</b> | <b>36,488</b> | <b>36,924</b> | <b>38,949</b> | <b>39,383</b> | <b>40,621</b> | <b>40,212</b> | <b>39,970</b> | <b>41,425</b> | <b>40,611</b>     | <b>40,740</b>     |  |
| <b>Canada.....</b>                       | <b>3,467</b>  | <b>3,293</b>  | <b>3,600</b>  | <b>3,796</b>  | <b>3,327</b>  | <b>3,392</b>  | <b>3,786</b>  | <b>3,721</b>  | <b>3,812</b>  | <b>3,967</b>      | <b>3,864</b>      |  |
| <b>Latin America:</b>                    |               |               |               |               |               |               |               |               |               |                   |                   |  |
| Argentina.....                           | 631           | 687           | 694           | 730           | 727           | 750           | 800           | 889           | 779           | 734               | 914               |  |
| Bahamas <sup>2</sup> .....               | 539           | 200           | 228           | 502           | 462           | 796           | 563           | 594           | 456           | 804               | 824               |  |
| Brazil.....                              | 605           | 671           | 703           | 768           | 770           | 920           | 732           | 700           | 745           | 816               | 860               |  |
| Chile.....                               | 137           | 143           | 140           | 137           | 140           | 134           | 126           | 127           | 137           | 142               | 157               |  |
| Colombia.....                            | 210           | 184           | 197           | 219           | 200           | 200           | 168           | 167           | 207           | 221               | 247               |  |
| Cuba.....                                | 6             | 6             | 7             | 7             | 10            | 7             | 7             | 7             | 7             | 6                 | 7                 |  |
| Mexico.....                              | 831           | 788           | 853           | 843           | 925           | 919           | 975           | 1,044         | 1,029         | 1,132             | 1,284             |  |
| Panama.....                              | 167           | 171           | 168           | 192           | 186           | 194           | 217           | 204           | 231           | 282               | 279               |  |
| Peru.....                                | 225           | 172           | 167           | 170           | 180           | 190           | 177           | 178           | 152           | 124               | 135               |  |
| Uruguay.....                             | 140           | 132           | 143           | 150           | 180           | 128           | 126           | 114           | 115           | 112               | 120               |  |
| Venezuela.....                           | 1,077         | 948           | 1,044         | 967           | 1,054         | 1,066         | 1,078         | 941           | 1,130         | 1,420             | 1,468             |  |
| Other Latin American republics.....      | 860           | 804           | 818           | 778           | 783           | 744           | 791           | 791           | 742           | 769               | 879               |  |
| Netherlands Antilles and Surinam.....    | 86            | 76            | 72            | 64            | 68            | 78            | 61            | 65            | 70            | 63                | 71                |  |
| Other Latin America.....                 | 44            | 216           | 243           | 269           | 648           | 408           | 402           | 461           | 532           | 556               | 362               |  |
| <b>Total.....</b>                        | <b>5,558</b>  | <b>5,197</b>  | <b>5,478</b>  | <b>5,796</b>  | <b>6,323</b>  | <b>6,532</b>  | <b>6,224</b>  | <b>6,283</b>  | <b>6,332</b>  | <b>7,181</b>      | <b>7,607</b>      |  |
| <b>Asia:</b>                             |               |               |               |               |               |               |               |               |               |                   |                   |  |
| China, People's Rep. of (China Mainland) | 39            | 49            | 43            | 44            | 41            | 38            | 43            | 40            | 37            | 42                | 51                |  |
| China, Republic of (Taiwan).....         | 675           | 816           | 831           | 832           | 846           | 790           | 810           | 802           | 779           | 764               | 744               |  |
| Hong Kong.....                           | 318           | 337           | 330           | 368           | 341           | 289           | 356           | 349           | 363           | 383               | 372               |  |
| India.....                               | 98            | 114           | 125           | 145           | 110           | 141           | 103           | 99            | 105           | 71                | 85                |  |
| Indonesia.....                           | 108           | 89            | 90            | 117           | 155           | 176           | 140           | 254           | 169           | 160               | 133               |  |
| Israel.....                              | 177           | 137           | 144           | 142           | 161           | 159           | 146           | 173           | 279           | 330               | 327               |  |
| Japan.....                               | 15,843        | 12,344        | 10,415        | 9,056         | 8,458         | 8,126         | 8,003         | 7,680         | 7,061         | 6,726             | 6,954             |  |
| Korea.....                               | 192           | 227           | 214           | 231           | 226           | 219           | 217           | 213           | 198           | 210               | 195               |  |
| Philippines.....                         | 438           | 513           | 520           | 575           | 544           | 545           | 541           | 482           | 479           | 497               | 515               |  |
| Thailand.....                            | 171           | 170           | 166           | 177           | 175           | 146           | 140           | 143           | 163           | 180               | 247               |  |
| Other.....                               | 1,071         | 869           | 940           | 873           | 883           | 958           | 1,139         | 1,165         | 1,139         | 1,138             | 1,202             |  |
| <b>Total.....</b>                        | <b>19,131</b> | <b>15,665</b> | <b>13,818</b> | <b>12,560</b> | <b>11,940</b> | <b>11,588</b> | <b>11,640</b> | <b>11,401</b> | <b>10,771</b> | <b>10,501</b>     | <b>10,826</b>     |  |
| <b>Africa:</b>                           |               |               |               |               |               |               |               |               |               |                   |                   |  |
| Egypt.....                               | 24            | 17            | 33            | 67            | 29            | 29            | 41            | 34            | 34            | 63                | 35                |  |
| Morocco.....                             | 12            | 13            | 9             | 8             | 11            | 15            | 10            | 11            | 10            | 14                | 11                |  |
| South Africa.....                        | 115           | 125           | 125           | 120           | 155           | 169           | 100           | 132           | 103           | 109               | 114               |  |
| Zaire.....                               | 21            | 22            | 28            | 45            | 17            | 21            | 27            | 19            | 26            | 24                | 87                |  |
| Other.....                               | 768           | 739           | 798           | 786           | 904           | 803           | 683           | 765           | 747           | 822               | 808               |  |
| <b>Total.....</b>                        | <b>939</b>    | <b>917</b>    | <b>992</b>    | <b>1,025</b>  | <b>1,118</b>  | <b>1,037</b>  | <b>862</b>    | <b>962</b>    | <b>919</b>    | <b>1,032</b>      | <b>1,056</b>      |  |
| <b>Other countries:</b>                  |               |               |               |               |               |               |               |               |               |                   |                   |  |
| Australia.....                           | 3,027         | 2,489         | 2,882         | 2,961         | 2,985         | 3,202         | 3,124         | 3,106         | 3,169         | 3,184             | 3,131             |  |
| All other.....                           | 51            | 54            | 57            | 60            | 71            | 61            | 57            | 62            | 59            | 55                | 59                |  |
| <b>Total.....</b>                        | <b>3,077</b>  | <b>2,903</b>  | <b>2,939</b>  | <b>3,022</b>  | <b>3,056</b>  | <b>3,263</b>  | <b>3,181</b>  | <b>3,168</b>  | <b>3,228</b>  | <b>3,239</b>      | <b>3,190</b>      |  |
| <b>Total foreign countries.....</b>      | <b>59,306</b> | <b>64,463</b> | <b>63,751</b> | <b>65,149</b> | <b>65,145</b> | <b>66,432</b> | <b>65,905</b> | <b>65,503</b> | <b>66,487</b> | <b>66,531</b>     | <b>67,282</b>     |  |
| <b>International and regional:</b>       |               |               |               |               |               |               |               |               |               |                   |                   |  |
| International <sup>3</sup> .....         | 952           | 980           | 983           | 1,132         | 1,149         | 1,097         | 1,123         | 1,183         | 1,402         | 1,609             | 1,627             |  |
| Latin American regional.....             | 307           | 320           | 337           | 345           | 329           | 309           | 289           | 298           | 299           | 288               | 269               |  |
| Other regional <sup>4</sup> .....        | 154           | 126           | 109           | 102           | 89            | 81            | 72            | 70            | 66            | 62                | 57                |  |
| <b>Total.....</b>                        | <b>1,412</b>  | <b>1,426</b>  | <b>1,429</b>  | <b>1,579</b>  | <b>1,569</b>  | <b>1,486</b>  | <b>1,485</b>  | <b>1,552</b>  | <b>1,767</b>  | <b>1,959</b>      | <b>1,952</b>      |  |
| <b>Grand total.....</b>                  | <b>60,719</b> | <b>65,889</b> | <b>65,180</b> | <b>66,729</b> | <b>66,714</b> | <b>67,919</b> | <b>67,389</b> | <b>67,056</b> | <b>68,254</b> | <b>68,490</b>     | <b>69,234</b>     |  |

<sup>1</sup>For notes see the following page.



**9. SHORT-TERM LIABILITIES TO FOREIGNERS REPORTED BY BANKS  
IN THE UNITED STATES, BY COUNTRY—Continued**

(End of period. Amounts outstanding; in millions of dollars)

Supplementary data <sup>5</sup>

| Area and country                       | 1971 |      | 1972 |      | 1973 | Area and country                            | 1971 |      | 1972 |      | 1973 |
|--|------|------|------|------|------|---|------|------|------|------|------|
|  | Apr. | Dec. | Apr. | Dec. | Apr. |   | Apr. | Dec. | Apr. | Dec. | Apr. |
| <b>Other Western Europe:</b>           |      |      |      |      |      | <b>Other Asia—Cont.:</b>                    |      |      |      |      |      |
| Cyprus.....                            | 7    | 2    | 2    | 3    | 9    | Kuwait.....                                 | 36   | 20   | 16   | 39   | 36   |
| Iceland.....                           | 10   | 11   | 9    | 9    | 12   | Laos.....                                   | 2    | 3    | 3    | 2    | 3    |
| Ireland, Rep. of.....                  | 29   | 16   | 15   | 17   | 22   | Lebanon.....                                | 60   | 46   | 60   | 55   | 55   |
| <b>Other Latin American republics:</b> |      |      |      |      |      | Malaysia.....                               | 28   | 23   | 25   | 54   | 59   |
| Bolivia.....                           | 59   | 55   | 53   | 87   | 65   | Pakistan.....                               | 28   | 33   | 58   | 59   | 93   |
| Costa Rica.....                        | 43   | 62   | 70   | 92   | 75   | Ryukyu Islands (incl. Okinawa) <sup>6</sup> | 39   | 29   | 53   |      |      |
| Dominican Republic.....                | 90   | 123  | 91   | 114  | 104  | Saudi Arabia.....                           | 41   | 79   | 80   | 344  | 236  |
| Ecuador.....                           | 72   | 57   | 62   | 121  | 109  | Singapore.....                              | 43   | 35   | 45   | 77   | 53   |
| El Salvador.....                       | 80   | 78   | 83   | 76   | 86   | Sri Lanka (Ceylon).....                     | 4    | 4    | 6    | 5    | 6    |
| Guatemala.....                         | 97   | 117  | 123  | 132  | 127  | Syria.....                                  | 3    | 4    | 6    | 4    | 39   |
| Haiti.....                             | 19   | 18   | 23   | 27   | 25   | Vietnam.....                                | 161  | 159  | 185  | 135  | 98   |
| Honduras.....                          | 44   | 42   | 50   | 58   | 64   | <b>Other Africa:</b>                        |      |      |      |      |      |
| Jamaica.....                           | 19   | 19   | 32   | 41   | 32   | Algeria.....                                | 13   | 23   | 31   | 32   | 51   |
| Nicaragua.....                         | 47   | 50   | 66   | 61   | 79   | Ethiopia (incl. Eritrea).....               | 12   | 11   | 29   | 57   | 75   |
| Paraguay.....                          | 15   | 17   | 17   | 22   | 26   | Ghana.....                                  | 6    | 8    | 11   | 10   | 28   |
| Trinidad & Tobago.....                 | 14   | 10   | 15   | 20   | 17   | Kenya.....                                  | 13   | 9    | 14   | 23   | 19   |
| <b>Other Latin America:</b>            |      |      |      |      |      | Liberia.....                                | 21   | 23   | 25   | 30   | 31   |
| Bermuda.....                           | (2)  | (2)  | (2)  | (2)  | 127  | Libya.....                                  | 91   | 274  | 296  | 393  | (7)  |
| British West Indies.....               | 38   | 32   | 23   | 36   | 100  | Nigeria.....                                | 25   | 46   | 56   | 85   | (7)  |
| <b>Other Asia:</b>                     |      |      |      |      |      | Southern Rhodesia.....                      | 2    | 2    | 2    | 2    | 1    |
| Afghanistan.....                       | 15   | 19   | 17   | 25   | 19   | Sudan.....                                  | 1    | 1    | 5    | 3    | 16   |
| Bahrain.....                           | 35   | 21   | 18   | 24   | (7)  | Tanzania.....                               | 10   | 6    | 6    | 11   | 16   |
| Burma.....                             | 3    | 10   | 5    | 2    | (7)  | Tunisia.....                                | 6    | 9    | 7    | 10   | 11   |
| Cambodia.....                          | 2    | 5    | 2    | 3    | 3    | Uganda.....                                 | 5    | 3    | 10   | 7    | 19   |
| Iran.....                              | 67   | 59   | 88   | 93   | 114  | Zambia.....                                 | 14   | 13   | 7    | 28   | (7)  |
| Iraq.....                              | 7    | 10   | 9    | 10   | (7)  | <b>All other:</b>                           |      |      |      |      |      |
| Jordan.....                            | 3    | 2    | 2    | 4    | 4    | New Zealand.....                            | 22   | 23   | 27   | 30   | 34   |

<sup>1</sup> Includes Bank for International Settlements and European Fund.  
<sup>2</sup> Bermuda included with Bahamas through Dec. 1972.  
<sup>3</sup> Data exclude "holdings of dollars" of the International Monetary Fund but include IMF gold investment until Feb. 1972, when investment was terminated.

<sup>4</sup> Asian, African, and European regional organizations, except BIS and European Fund, which are included in "Europe."  
<sup>5</sup> Represent a partial breakdown of the amounts shown in the "other" categories (except "Other Eastern Europe").  
<sup>6</sup> Included in Japan after Apr. 1972.  
<sup>7</sup> Not available.

**10. LONG-TERM LIABILITIES TO FOREIGNERS REPORTED  
BY BANKS IN THE UNITED STATES**

(Amounts outstanding; in millions of dollars)

| End of period                | Total           | To intl. and regional | To foreign countries |                       |                    |                  | Country or area |                |              |                     |        |            |                     |
|------------------------------|-----------------|-----------------------|----------------------|-----------------------|--------------------|------------------|-----------------|----------------|--------------|---------------------|--------|------------|---------------------|
|                              |                 |                       | Total                | Official institutions | Banks <sup>1</sup> | Other foreigners | Germany         | United Kingdom | Other Europe | Total Latin America | Japan  | Other Asia | All other countries |
| 1969.....                    | 2,490           | 889                   | 1,601                | 1,505                 | 56                 | 40               | *               | 46             | 7            | 239                 | 655    | 582        | 70                  |
| 1970.....                    | 1,703           | 789                   | 914                  | 695                   | 165                | 53               | 110             | 42             | 26           | 152                 | 385    | 137        | 62                  |
| 1971.....                    | 902             | 446                   | 457                  | 144                   | 257                | 56               | 164             | 52             | 30           | 111                 | 3      | 87         | 9                   |
| 1972—Dec. <sup>2</sup> ..... | {1,000<br>1,018 | 562<br>580            | 439<br>439           | 93<br>93              | 259<br>259         | 87<br>87         | 165<br>165      | 63<br>63       | 32<br>32     | 136<br>136          | 1<br>1 | 32<br>32   | 10<br>10            |
| 1973—Jan.....                | 1,044           | 617                   | 427                  | 74                    | 257                | 96               | 165             | 61             | 30           | 127                 | 1      | 30         | 13                  |
| Feb.....                     | 1,276           | 613                   | 663                  | 304                   | 258                | 100              | 164             | 59             | 233          | 118                 | 1      | 71         | 16                  |
| Mar.....                     | 1,406           | 697                   | 709                  | 328                   | 269                | 112              | 164             | 66             | 234          | 133                 | 1      | 96         | 16                  |
| Apr.....                     | 1,399           | 686                   | 713                  | 329                   | 274                | 111              | 164             | 68             | 239          | 128                 | 1      | 98         | 16                  |
| May.....                     | 1,379           | 688                   | 691                  | 313                   | 274                | 104              | 164             | 68             | 231          | 115                 | 1      | 96         | 16                  |
| June.....                    | 1,467           | 769                   | 697                  | 311                   | 274                | 113              | 164             | 68             | 233          | 125                 | 2      | 94         | 10                  |
| July.....                    | 1,527           | 770                   | 757                  | 311                   | 305                | 141              | 164             | 68             | 265          | 145                 | 2      | 93         | 19                  |
| Aug.....                     | 1,532           | 777                   | 755                  | 322                   | 305                | 127              | 165             | 68             | 265          | 143                 | 2      | 95         | 17                  |
| Sep.....                     | 1,502           | 758                   | 744                  | 318                   | 302                | 123              | 165             | 68             | 263          | 145                 | 2      | 84         | 18                  |
| Oct.....                     | 1,473           | 735                   | 738                  | 312                   | 305                | 122              | 165             | 68             | 265          | 140                 | 2      | 81         | 18                  |
| Nov. <sup>3</sup> .....      | 1,476           | 758                   | 719                  | 315                   | 287                | 117              | 165             | 67             | 246          | 138                 | 2      | 80         | 21                  |
| Dec. <sup>3</sup> .....      | 1,469           | 761                   | 708                  | 310                   | 287                | 112              | 165             | 66             | 237          | 141                 | 5      | 77         | 18                  |

<sup>1</sup> Excludes central banks, which are included with "Official institutions."

<sup>2</sup> Data on the two lines shown for this date differ because of changes in reporting coverage. Figures on the first line are comparable in coverage with those shown for the preceding date; figures on the second line are comparable with those shown for the following date.

11. ESTIMATED FOREIGN HOLDINGS OF MARKETABLE U.S. TREASURY BONDS AND NOTES

(End of period; in millions of dollars)

|                               | 1972  |       | 1973  |       |       |       |       |       |       |       |       |                   |                   |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|-------------------|
|                               | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov. <sup>p</sup> | Dec. <sup>p</sup> |
| Europe:                       |       |       |       |       |       |       |       |       |       |       |       |                   |                   |
| Belgium-Luxembourg.....       | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 7     | 7     | 7                 | 7                 |
| Sweden.....                   | 85    | 110   | 135   | 135   | 135   | 135   | 135   | 135   | 135   | 165   | 165   | 165               | 235               |
| Switzerland.....              | 45    | 45    | 44    | 43    | 44    | 43    | 43    | 42    | 37    | 37    | 37    | 38                | 34                |
| United Kingdom.....           | 327   | 327   | 276   | 278   | 300   | 281   | 280   | 275   | 236   | 247   | 290   | 400               | 423               |
| Other Western Europe.....     | 79    | 79    | 79    | 79    | 79    | 85    | 85    | 85    | 85    | 85    | 85    | 85                | 86                |
| Eastern Europe.....           | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5                 | 5                 |
| Total.....                    | 547   | 572   | 544   | 546   | 569   | 555   | 554   | 547   | 504   | 546   | 588   | 700               | 789               |
| Canada.....                   | 558   | 558   | 559   | 561   | 561   | 560   | 560   | 560   | 560   | 560   | 560   | 567               | 567               |
| Latin America:                |       |       |       |       |       |       |       |       |       |       |       |                   |                   |
| Latin American republics..... | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 4     | 8     | 9     | 9     | 11                | 11                |
| Other Latin America.....      | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 3     | 3     | 3     | 3     | 3                 | 3                 |
| Total.....                    | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 11    | 12    | 12    | 14                | 14                |
| Asia:                         |       |       |       |       |       |       |       |       |       |       |       |                   |                   |
| Japan.....                    | 4,380 | 4,867 | 5,421 | 5,961 | 5,978 | 5,978 | 5,977 | 5,977 | 5,949 | 5,950 | 5,950 | 5,143             | 4,552             |
| Other Asia.....               | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 9     | 9     | 11    | 11    | 11                | 11                |
| Total.....                    | 4,391 | 4,877 | 5,431 | 5,971 | 5,988 | 5,988 | 5,988 | 5,987 | 5,959 | 5,961 | 5,961 | 5,154             | 4,563             |
| Africa.....                   | 133   | 183   | 183   | 183   | 183   | 183   | 183   | 183   | 183   | 158   | 158   | 158               | 158               |
| All other.....                | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25    | 25                | 25                |
| Total foreign countries.....  | 5,661 | 6,223 | 6,749 | 7,293 | 7,333 | 7,318 | 7,317 | 7,308 | 7,241 | 7,261 | 7,303 | 6,617             | 6,116             |
| International and regional:   |       |       |       |       |       |       |       |       |       |       |       |                   |                   |
| International.....            | 186   | 186   | 176   | 186   | 176   | 142   | 72    | 1     | 1     | 21    | 6     | 1                 | 1                 |
| Latin American regional.....  | 28    | 28    | 26    | 26    | 27    | 27    | 27    | 28    | 45    | 45    | 47    | 47                | 48                |
| Total.....                    | 214   | 214   | 202   | 212   | 202   | 169   | 100   | 29    | 46    | 66    | 53    | 48                | 49                |
| Grand total.....              | 5,874 | 6,436 | 6,951 | 7,505 | 7,535 | 7,487 | 7,417 | 7,337 | 7,287 | 7,327 | 7,356 | 6,665             | 6,164             |

NOTE.—Data represent estimated official and private holdings of marketable U.S. Treasury securities with an original maturity of more than 1 year, and are based on benchmark surveys of holdings and regular monthly reports of securities transactions (see Table 16).

12. NONMARKETABLE U.S. TREASURY BONDS AND NOTES ISSUED TO OFFICIAL INSTITUTIONS OF FOREIGN COUNTRIES

(In millions of dollars or dollar equivalent)

| End of period | Total   | Payable in dollars |         |        |                         |         |                    |       | Payable in foreign currencies |         |                      |             |
|---------------|---------|--------------------|---------|--------|-------------------------|---------|--------------------|-------|-------------------------------|---------|----------------------|-------------|
|               |         | Total              | Belgium | Canada | China, Rep. of (Taiwan) | Germany | Italy <sup>1</sup> | Korea | Thailand                      | Total   | Germany <sup>2</sup> | Switzerland |
| 1970.....     | 3,563   | 2,480              | 32      | 2,289  | 20                      | .....   | 25                 | 15    | 100                           | 1,083   | 542                  | 541         |
| 1971.....     | 39,657  | 7,829              | 32      | 2,640  | 20                      | 5,000   | 22                 | 15    | 100                           | 3 1,827 | 612                  | 1,215       |
| 1972.....     | 15,872  | 14,333             | 20      | 2,840  | 20                      | 11,315  | 22                 | 15    | 100                           | 1,539   | 306                  | 1,233       |
| 1973—Jan..... | 16,016  | 14,474             | 20      | 2,840  | 20                      | 11,471  | 22                 | ..... | 100                           | 1,542   | 306                  | 1,236       |
| Feb.....      | 15,863  | 14,474             | 20      | 2,840  | 20                      | 11,471  | 22                 | ..... | 100                           | 1,389   | 153                  | 1,236       |
| Mar.....      | 415,870 | 14,464             | 20      | 2,840  | 10                      | 11,471  | 22                 | ..... | 100                           | 41,407  | 153                  | 1,254       |
| Apr.....      | 416,015 | 14,459             | 20      | 2,840  | 5                       | 11,471  | 22                 | ..... | 100                           | 41,556  | 172                  | 1,384       |
| May.....      | 16,012  | 14,456             | 20      | 2,840  | 2                       | 11,471  | 22                 | ..... | 100                           | 1,556   | 172                  | 1,384       |
| June.....     | 16,189  | 14,633             | .....   | 2,840  | .....                   | 11,670  | 22                 | ..... | 100                           | 1,556   | 172                  | 1,384       |
| July.....     | 16,089  | 14,533             | .....   | 2,840  | .....                   | 11,670  | 22                 | ..... | .....                         | 1,556   | 172                  | 1,384       |
| Aug.....      | 16,015  | 14,383             | .....   | 2,690  | .....                   | 11,670  | 22                 | ..... | .....                         | 1,631   | 172                  | 1,458       |
| Sept.....     | 15,813  | 14,183             | .....   | 2,490  | .....                   | 11,670  | 22                 | ..... | .....                         | 1,631   | 172                  | 1,458       |
| Oct.....      | 15,691  | 14,233             | .....   | 2,540  | .....                   | 11,670  | 22                 | ..... | .....                         | 1,458   | .....                | 1,458       |
| Nov.....      | 15,692  | 14,233             | .....   | 2,540  | .....                   | 11,670  | 22                 | ..... | .....                         | 1,459   | .....                | 1,459       |
| Dec.....      | 15,669  | 14,210             | .....   | 2,540  | .....                   | 11,670  | .....              | ..... | .....                         | 1,459   | .....                | 1,459       |
| 1974—Jan..... | 15,671  | 14,210             | .....   | 2,540  | .....                   | 11,670  | .....              | ..... | .....                         | 1,461   | .....                | 1,461       |

<sup>1</sup> Notes issued to the Government of Italy in connection with military purchases in the United States.

<sup>2</sup> In addition, nonmarketable U.S. Treasury notes amounting to \$125 million equivalent were held by a group of German commercial banks from June 1968 through Nov. 1972. The dollar value of these notes was increased by \$10 million in Oct. 1969 and by \$18 million as of Dec. 31, 1971.

<sup>3</sup> Includes \$106 million increase in dollar value of foreign currency obligations revalued to reflect market exchange rates as of Dec. 31, 1971.

<sup>4</sup> Includes \$15 million increase in Mar. and \$145 million increase in Apr. in dollar value of foreign currency obligations revalued to reflect market exchange rates.

**13. SHORT-TERM CLAIMS ON FOREIGNERS REPORTED BY BANKS  
IN THE UNITED STATES, BY COUNTRY**

(End of period. Amounts outstanding; in millions of dollars)

| Area and country                              | 1972          |               | 1973          |               |               |               |               |               |                   |                   |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|-------------------|
|   | Dec.          | Apr.          | May           | June          | July          | Aug.          | Sept.         | Oct.          | Nov. <sup>1</sup> | Dec. <sup>1</sup> |
| <b>Europe:</b>                                |               |               |               |               |               |               |               |               |                   |                   |
| Austria.....                                  | 8             | 9             | 9             | 12            | 10            | 18            | 14            | 15            | 14                | 11                |
| Belgium-Luxembourg.....                       | 120           | 87            | 73            | 94            | 96            | 107           | 190           | 150           | 145               | 148               |
| Denmark.....                                  | 59            | 63            | 69            | 69            | 56            | 67            | 52            | 50            | 53                | 48                |
| Finland.....                                  | 118           | 134           | 140           | 141           | 134           | 125           | 114           | 97            | 89                | 108               |
| France.....                                   | 330           | 451           | 447           | 389           | 434           | 368           | 413           | 461           | 525               | 621               |
| Germany.....                                  | 321           | 345           | 356           | 399           | 349           | 281           | 313           | 366           | 392               | 311               |
| Greece.....                                   | 29            | 32            | 19            | 19            | 28            | 20            | 16            | 26            | 23                | 35                |
| Italy.....                                    | 255           | 288           | 327           | 326           | 278           | 278           | 242           | 282           | 363               | 316               |
| Netherlands.....                              | 108           | 129           | 115           | 109           | 101           | 155           | 144           | 132           | 172               | 133               |
| Norway.....                                   | 69            | 66            | 67            | 65            | 79            | 70            | 67            | 74            | 82                | 72                |
| Portugal.....                                 | 19            | 30            | 17            | 19            | 18            | 14            | 18            | 23            | 22                | 23                |
| Spain.....                                    | 207           | 238           | 360           | 387           | 272           | 251           | 183           | 183           | 189               | 222               |
| Sweden.....                                   | 164           | 246           | 267           | 234           | 224           | 184           | 166           | 155           | 177               | 153               |
| Switzerland.....                              | 125           | 186           | 190           | 245           | 208           | 206           | 234           | 242           | 203               | 176               |
| Turkey.....                                   | 6             | 5             | 6             | 9             | 7             | 6             | 8             | 8             | 16                | 10                |
| United Kingdom.....                           | 967           | 918           | 984           | 999           | 1,061         | 1,346         | 1,304         | 1,236         | 1,178             | 1,456             |
| Yugoslavia.....                               | 22            | 20            | 13            | 12            | 12            | 10            | 10            | 10            | 19                | 10                |
| Other Western Europe.....                     | 20            | 29            | 21            | 29            | 26            | 20            | 34            | 26            | 34                | 27                |
| U.S.S.R.....                                  | 41            | 61            | 50            | 56            | 56            | 42            | 46            | 49            | 51                | 46                |
| Other Eastern Europe.....                     | 49            | 60            | 69            | 73            | 84            | 83            | 97            | 87            | 72                | 59                |
| <b>Total.....</b>                             | <b>3,037</b>  | <b>3,396</b>  | <b>3,599</b>  | <b>3,684</b>  | <b>3,526</b>  | <b>3,654</b>  | <b>3,654</b>  | <b>3,678</b>  | <b>3,811</b>      | <b>3,985</b>      |
| <b>Canada.....</b>                            | <b>1,914</b>  | <b>2,305</b>  | <b>2,400</b>  | <b>2,034</b>  | <b>2,168</b>  | <b>2,186</b>  | <b>1,909</b>  | <b>2,210</b>  | <b>1,979</b>      | <b>1,958</b>      |
| <b>Latin America:</b>                         |               |               |               |               |               |               |               |               |                   |                   |
| Argentina.....                                | 379           | 396           | 408           | 408           | 431           | 442           | 455           | 469           | 485               | 498               |
| Bahamas <sup>1</sup> .....                    | 476           | 505           | 409           | 399           | 495           | 454           | 617           | 696           | 608               | 869               |
| Brazil.....                                   | 649           | 759           | 851           | 891           | 965           | 915           | 879           | 837           | 826               | 900               |
| Chile.....                                    | 52            | 45            | 40            | 43            | 36            | 50            | 40            | 80            | 125               | 151               |
| Colombia.....                                 | 418           | 401           | 398           | 412           | 420           | 422           | 423           | 423           | 413               | 397               |
| Cuba.....                                     | 13            | 13            | 13            | 14            | 13            | 13            | 13            | 15            | 13                | 12                |
| Mexico.....                                   | 1,202         | 1,343         | 1,343         | 1,399         | 1,376         | 1,338         | 1,329         | 1,388         | 1,357             | 1,390             |
| Panama.....                                   | 244           | 183           | 190           | 218           | 223           | 262           | 252           | 273           | 255               | 266               |
| Peru.....                                     | 145           | 143           | 147           | 169           | 180           | 176           | 178           | 208           | 212               | 178               |
| Uruguay.....                                  | 40            | 36            | 31            | 34            | 34            | 35            | 39            | 45            | 47                | 55                |
| Venezuela.....                                | 383           | 401           | 440           | 454           | 454           | 441           | 430           | 436           | 469               | 517               |
| Other Latin American republics.....           | 388           | 382           | 383           | 380           | 373           | 394           | 409           | 431           | 465               | 490               |
| Netherlands Antilles and Surinam.....         | 14            | 24            | 35            | 38            | 48            | 38            | 31            | 23            | 17                | 13                |
| Other Latin America.....                      | 36            | 85            | 74            | 66            | 71            | 89            | 91            | 137           | 124               | 140               |
| <b>Total.....</b>                             | <b>4,437</b>  | <b>4,715</b>  | <b>4,762</b>  | <b>4,925</b>  | <b>5,119</b>  | <b>5,069</b>  | <b>5,185</b>  | <b>5,462</b>  | <b>5,417</b>      | <b>5,877</b>      |
| <b>Asia:</b>                                  |               |               |               |               |               |               |               |               |                   |                   |
| China, People's Rep. of (China Mainland)..... | 1             | 2             | 5             | 3             | 7             | 6             | 7             | 22            | 36                | 20                |
| China, Republic of (Taiwan).....              | 194           | 238           | 216           | 200           | 198           | 183           | 141           | 128           | 117               | 140               |
| Hong Kong.....                                | 93            | 122           | 132           | 204           | 218           | 116           | 128           | 121           | 124               | 147               |
| India.....                                    | 14            | 14            | 19            | 21            | 18            | 17            | 19            | 14            | 16                | 16                |
| Indonesia.....                                | 87            | 127           | 97            | 94            | 91            | 77            | 81            | 89            | 96                | 88                |
| Israel.....                                   | 105           | 126           | 116           | 111           | 133           | 133           | 145           | 145           | 155               | 166               |
| Japan.....                                    | 4,158         | 5,665         | 5,536         | 5,756         | 5,753         | 5,791         | 5,801         | 5,745         | 6,033             | 6,405             |
| Korea.....                                    | 296           | 331           | 338           | 347           | 348           | 336           | 348           | 372           | 368               | 401               |
| Philippines.....                              | 149           | 150           | 139           | 144           | 134           | 129           | 121           | 105           | 118               | 179               |
| Thailand.....                                 | 191           | 197           | 194           | 173           | 188           | 185           | 179           | 206           | 225               | 273               |
| Other.....                                    | 300           | 296           | 324           | 354           | 352           | 350           | 361           | 349           | 377               | 394               |
| <b>Total.....</b>                             | <b>5,589</b>  | <b>7,269</b>  | <b>7,116</b>  | <b>7,407</b>  | <b>7,441</b>  | <b>7,321</b>  | <b>7,330</b>  | <b>7,295</b>  | <b>7,664</b>      | <b>8,230</b>      |
| <b>Africa:</b>                                |               |               |               |               |               |               |               |               |                   |                   |
| Egypt.....                                    | 21            | 22            | 25            | 34            | 44            | 41            | 43            | 38            | 40                | 35                |
| Morocco.....                                  | 4             | 5             | 4             | 4             | 5             | 5             | 11            | 4             | 7                 | 5                 |
| South Africa.....                             | 143           | 151           | 166           | 163           | 150           | 151           | 157           | 150           | 147               | 129               |
| Zaire.....                                    | 13            | 13            | 13            | 42            | 43            | 49            | 48            | 51            | 61                | 60                |
| Other.....                                    | 124           | 137           | 136           | 145           | 149           | 173           | 146           | 163           | 155               | 159               |
| <b>Total.....</b>                             | <b>304</b>    | <b>327</b>    | <b>343</b>    | <b>388</b>    | <b>391</b>    | <b>419</b>    | <b>405</b>    | <b>406</b>    | <b>410</b>        | <b>388</b>        |
| <b>Other countries:</b>                       |               |               |               |               |               |               |               |               |                   |                   |
| Australia.....                                | 291           | 249           | 232           | 260           | 271           | 230           | 218           | 223           | 251               | 243               |
| All other.....                                | 40            | 50            | 47            | 46            | 40            | 41            | 36            | 36            | 36                | 43                |
| <b>Total.....</b>                             | <b>330</b>    | <b>299</b>    | <b>280</b>    | <b>305</b>    | <b>310</b>    | <b>271</b>    | <b>254</b>    | <b>259</b>    | <b>287</b>        | <b>286</b>        |
| <b>Total foreign countries.....</b>           | <b>15,611</b> | <b>18,311</b> | <b>18,501</b> | <b>18,744</b> | <b>18,956</b> | <b>18,921</b> | <b>18,737</b> | <b>19,310</b> | <b>19,569</b>     | <b>20,724</b>     |
| <b>International and regional.....</b>        | <b>3</b>      | <b>2</b>      | <b>2</b>      | <b>1</b>      | <b>2</b>      | <b>1</b>      | <b>1</b>      | <b>1</b>      | <b>1</b>          | <b>1</b>          |
| <b>Grand total.....</b>                       | <b>15,614</b> | <b>18,312</b> | <b>18,502</b> | <b>18,745</b> | <b>18,957</b> | <b>18,922</b> | <b>18,737</b> | <b>19,311</b> | <b>19,570</b>     | <b>20,725</b>     |

<sup>1</sup> Includes Bermuda through Dec. 1972.

NOTE.—Short-term claims are principally the following items payable on demand or with a contractual maturity of not more than 1 year: loans made to, and acceptances made for, foreigners; drafts drawn against foreigners, where collection is being made by banks and bankers for

their own account or for account of their customers in the United States; and foreign currency balances held abroad by banks and bankers and their customers in the United States. Excludes foreign currencies held by U.S. monetary authorities.

**14. SHORT-TERM CLAIMS ON FOREIGNERS REPORTED BY BANKS  
IN THE UNITED STATES, BY TYPE**

(Amounts outstanding; in millions of dollars)

| End of period           | Total  | Payable in dollars |           |                       |                    |                         |  |       | Payable in foreign currencies |                          |   |       |        |
|-------------------------|--------|--------------------|-----------|-----------------------|--------------------|-------------------------|--|-------|-------------------------------|--------------------------|---|-------|--------|
|                         |        | Total              | Loans to— |                       |                    | Collections outstanding | Acceptances made for acct. of foreigners | Other | Total                         | Deposits with foreigners | Foreign govt. securities, coml. and finance paper | Other |        |
|                         |        |                    | Total     | Official institutions | Banks <sup>1</sup> |                         |  |       |                               |                          |   |       | Others |
| 1969.....               | 9,680  | 9,165              | 3,278     | 262                   | 1,943              | 1,073                   | 2,015                                    | 3,202 | 670                           | 516                      | 352   | 89    | 74     |
| 1970.....               | 10,802 | 10,192             | 3,051     | 119                   | 1,720              | 1,212                   | 2,389                                    | 3,985 | 766                           | 610                      | 352   | 92    | 166    |
| 1971 <sup>2</sup> ..... | 13,170 | 12,328             | 4,503     | 223                   | 2,613              | 1,667                   | 2,475                                    | 4,243 | 1,107                         | 842                      | 549   | 119   | 174    |
|                         | 13,272 | 12,377             | 3,969     | 231                   | 2,080              | 1,658                   | 2,475                                    | 4,254 | 1,679                         | 895                      | 548   | 173   | 174    |
| 1972—Dec. 3.....        | 15,471 | 14,625             | 5,674     | 163                   | 2,975              | 2,535                   | 3,269                                    | 3,204 | 2,478                         | 846                      | 441   | 223   | 182    |
|                         | 15,614 | 14,768             | 5,682     | 163                   | 2,975              | 2,543                   | 3,298                                    | 3,204 | 2,584                         | 846                      | 441   | 223   | 182    |
| 1973—Jan.....           | 15,172 | 14,347             | 5,437     | 142                   | 2,814              | 2,480                   | 3,280                                    | 3,103 | 2,527                         | 825                      | 443   | 253   | 128    |
| Feb.....                | 17,973 | 16,902             | 6,460     | 162                   | 3,674              | 2,624                   | 3,608                                    | 3,283 | 3,551                         | 1,071                    | 596   | 313   | 162    |
| Mar.....                | 18,324 | 17,374             | 6,534     | 141                   | 3,683              | 2,711                   | 3,751                                    | 3,464 | 3,624                         | 951                      | 524   | 262   | 165    |
| Apr.....                | 18,312 | 17,494             | 6,842     | 146                   | 3,931              | 2,765                   | 3,834                                    | 3,464 | 3,354                         | 819                      | 460   | 207   | 152    |
| May.....                | 18,502 | 17,649             | 6,931     | 163                   | 3,812              | 2,956                   | 3,844                                    | 3,602 | 3,271                         | 854                      | 499   | 237   | 118    |
| June.....               | 18,745 | 17,907             | 7,285     | 205                   | 4,037              | 3,043                   | 3,901                                    | 3,963 | 2,758                         | 838                      | 552   | 140   | 147    |
| July.....               | 18,957 | 18,095             | 7,015     | 162                   | 3,916              | 2,936                   | 3,891                                    | 3,899 | 3,290                         | 862                      | 561   | 151   | 151    |
| Aug.....                | 18,922 | 18,036             | 6,964     | 176                   | 4,021              | 2,767                   | 3,967                                    | 3,694 | 3,411                         | 886                      | 488   | 151   | 247    |
| Sept.....               | 18,737 | 17,961             | 6,827     | 155                   | 3,920              | 2,752                   | 4,088                                    | 3,700 | 3,345                         | 777                      | 459   | 143   | 175    |
| Oct.....                | 19,311 | 18,451             | 7,003     | 216                   | 3,989              | 2,798                   | 4,099                                    | 3,774 | 3,575                         | 861                      | 510   | 187   | 163    |
| Nov. <sup>3</sup> ..... | 19,570 | 18,780             | 7,090     | 252                   | 4,099              | 2,739                   | 4,287                                    | 3,788 | 3,614                         | 790                      | 512   | 131   | 148    |
| Dec. <sup>3</sup> ..... | 20,725 | 20,063             | 7,733     | 268                   | 4,587              | 2,878                   | 4,304                                    | 4,155 | 3,870                         | 622                      | 428   | 119   | 115    |

<sup>1</sup> Excludes central banks, which are included with "Official institutions."  
<sup>2</sup> Data on second line differ from those on first line because (a) those claims of U.S. banks on their foreign branches and those claims of U.S. agencies and branches of foreign banks on their head offices and foreign branches, which were previously reported as "Loans", are included in

"Other short-term claims"; and (b) a number of reporting banks are included in the series for the first time.

<sup>3</sup> Data on the two lines shown for this date differ because of changes in reporting coverage. Figures on the first line are comparable in coverage with those shown for the preceding date; figures on the second line are comparable with those shown for the following date.

**15. LONG-TERM CLAIMS ON FOREIGNERS REPORTED BY BANKS  
IN THE UNITED STATES**

(Amounts outstanding; in millions of dollars)

| End of period           | Total | Type               |                       |                    |                  |                        | Country or area               |                |              |        |               |       |            |                     |
|-------------------------|-------|--------------------|-----------------------|--------------------|------------------|------------------------|-------------------------------|----------------|--------------|--------|---------------|-------|------------|---------------------|
|                         |       | Payable in dollars |                       |                    |                  |                        | Payable in foreign currencies | United Kingdom | Other Europe | Canada | Latin America | Japan | Other Asia | All other countries |
|                         |       | Total              | Official institutions | Banks <sup>1</sup> | Other foreigners | Other long-term claims |                               |                |              |        |               |       |            |                     |
| 1969.....               | 3,250 | 2,806              | 502                   | 209                | 2,096            | 426                    | 18                            | 67             | 411          | 408    | 1,329         | 88    | 568        | 378                 |
| 1970.....               | 3,075 | 2,698              | 504                   | 236                | 1,958            | 352                    | 25                            | 71             | 411          | 312    | 1,325         | 115   | 548        | 292                 |
| 1971.....               | 3,667 | 3,345              | 575                   | 315                | 2,455            | 300                    | 22                            | 130            | 593          | 228    | 1,458         | 246   | 583        | 429                 |
| 1972—Dec. 2.....        | 4,954 | 4,539              | 833                   | 430                | 3,276            | 375                    | 40                            | 145            | 704          | 406    | 1,996         | 319   | 881        | 503                 |
|                         | 5,014 | 4,539              | 835                   | 430                | 3,274            | 436                    | 40                            | 145            | 701          | 406    | 2,006         | 348   | 901        | 509                 |
| 1973—Jan.....           | 5,017 | 4,536              | 835                   | 442                | 3,258            | 440                    | 41                            | 144            | 724          | 403    | 1,967         | 353   | 918        | 508                 |
| Feb.....                | 5,126 | 4,625              | 836                   | 477                | 3,311            | 449                    | 52                            | 135            | 763          | 434    | 1,987         | 342   | 930        | 535                 |
| Mar.....                | 5,270 | 4,763              | 883                   | 496                | 3,384            | 460                    | 47                            | 121            | 851          | 453    | 1,978         | 336   | 987        | 544                 |
| Apr.....                | 5,413 | 4,917              | 903                   | 544                | 3,469            | 448                    | 49                            | 122            | 904          | 477    | 2,000         | 337   | 1,031      | 544                 |
| May.....                | 5,514 | 5,010              | 932                   | 545                | 3,532            | 456                    | 48                            | 131            | 923          | 511    | 2,000         | 331   | 1,059      | 558                 |
| June.....               | 5,605 | 5,096              | 978                   | 550                | 3,568            | 464                    | 45                            | 131            | 980          | 523    | 2,003         | 311   | 1,096      | 561                 |
| July.....               | 5,626 | 5,116              | 957                   | 554                | 3,605            | 456                    | 54                            | 128            | 1,029        | 517    | 1,983         | 310   | 1,123      | 535                 |
| Aug.....                | 5,521 | 5,009              | 1,002                 | 514                | 3,492            | 466                    | 46                            | 137            | 1,007        | 404    | 1,964         | 304   | 1,158      | 548                 |
| Sept.....               | 5,385 | 4,859              | 1,010                 | 507                | 3,342            | 457                    | 70                            | 131            | 975          | 418    | 1,921         | 252   | 1,187      | 501                 |
| Oct.....                | 5,567 | 5,011              | 1,041                 | 537                | 3,434            | 476                    | 80                            | 130            | 1,011        | 491    | 1,960         | 258   | 1,203      | 514                 |
| Nov. <sup>2</sup> ..... | 5,766 | 5,221              | 1,127                 | 554                | 3,540            | 463                    | 82                            | 138            | 1,058        | 484    | 2,071         | 251   | 1,246      | 516                 |
| Dec. <sup>2</sup> ..... | 5,855 | 5,303              | 1,122                 | 599                | 3,582            | 480                    | 72                            | 140            | 1,098        | 489    | 2,061         | 243   | 1,292      | 533                 |

<sup>1</sup> Excludes central banks, which are included with "Official institutions."  
<sup>2</sup> Data on the two lines shown for this date differ because of changes in reporting coverage. Figures on the first line are comparable in coverage

with those shown for the preceding date; figures on the second line are comparable with those shown for the following date.

16. PURCHASES AND SALES BY FOREIGNERS OF LONG-TERM SECURITIES, BY TYPE

(In millions of dollars)

| Period                  | Marketable U.S. Treas. bonds and notes <sup>1</sup> |                          |         |          |       | U.S. corporate securities <sup>2</sup> |        |                                | Foreign bonds  |       |                                | Foreign stocks |       |                                |
|-------------------------|---|--------------------------|---------|----------|-------|--|--------|--------------------------------|----------------|-------|--------------------------------|----------------|-------|--------------------------------|
|                         | Net purchases or sales                              |                          |         |          |       | Pur-<br>chases                         | Sales  | Net pur-<br>chases or<br>sales | Pur-<br>chases | Sales | Net pur-<br>chases or<br>sales | Pur-<br>chases | Sales | Net pur-<br>chases or<br>sales |
|                         | Total   | Intl.<br>and<br>regional | Foreign |          |       |  |        |                                |                |       |                                |                |       |                                |
|                         |   |                          | Total   | Official | Other |  |        |                                |                |       |                                |                |       |                                |
| 1971.....               | 1,672   | 130                      | 1,542   | 1,661    | -119  | 14,573                                 | 13,158 | 1,415                          | 1,687          | 2,621 | -935                           | 1,385          | 1,439 | -57                            |
| 1972.....               | 3,316   | 57                       | 3,258   | 3,281    | -23   | 19,073                                 | 15,015 | 4,058                          | 1,901          | 2,961 | -1,060                         | 2,532          | 2,123 | 409                            |
| 1973.....               | 290   | -165                     | 455     | 450      | 6     | 18,583                                 | 13,838 | 4,745                          | 1,460          | 2,436 | -976                           | 1,729          | 1,554 | 175                            |
| 1972—Dec.....           | 404   |                          | 404     | 403      | 1     | 2,014                                  | 1,375  | 639                            | 243            | 465   | -222                           | 233            | 178   | 55                             |
| 1973—Jan.....           | 562   |                          | 562     | 562      | *     | 1,852                                  | 1,116  | 736                            | 191            | 323   | -132                           | 161            | 158   | 3                              |
| Feb.....                | 515   | -12                      | 527     | 579      | -52   | 1,761                                  | 1,045  | 716                            | 145            | 144   | 1                              | 194            | 145   | 49                             |
| Mar.....                | 554   | 10                       | 544     | 540      | 3     | 2,220                                  | 1,111  | 1,109                          | 144            | 125   | 19                             | 211            | 114   | 97                             |
| Apr.....                | 31  | -9                       | 40      | 16       | 23    | 1,564                                  | 1,040  | 523                            | 117            | 292   | -175                           | 121            | 112   | 9                              |
| May.....                | -48   | -33                      | -15     | *        | -15   | 1,141                                  | 1,101  | 40                             | 139            | 150   | -11                            | 137            | 125   | 12                             |
| June.....               | -71   | -69                      | -1      |          | -1    | 1,097                                  | 899    | 198                            | 125            | 103   | 22                             | 123            | 111   | 12                             |
| July.....               | -79   | -71                      | -9      |          | -9    | 1,320                                  | 898    | 422                            | 94             | 194   | -100                           | 107            | 107   | *                              |
| Aug.....                | -51   | 17                       | -68     | -28      | -39   | 1,343                                  | 864    | 479                            | 96             | 157   | -61                            | 117            | 125   | -8                             |
| Sept.....               | 40  | 20                       | 20      | 8        | 12    | 1,173                                  | 963    | 210                            | 67             | 101   | -34                            | 115            | 105   | 10                             |
| Oct.....                | 29  | -13                      | 42      | 15       | 27    | 1,804                                  | 1,736  | 69                             | 97             | 336   | -238                           | 129            | 131   | -2                             |
| Nov. <sup>2</sup> ..... | -691  | -5                       | -686    | -722     | 36    | 1,946                                  | 1,689  | 257                            | 103            | 305   | -202                           | 156            | 178   | -22                            |
| Dec. <sup>2</sup> ..... | -501  | 1                        | -502    | -521     | 19    | 1,360                                  | 1,376  | -15                            | 141            | 204   | -63                            | 159            | 144   | 15                             |

<sup>1</sup> Excludes nonmarketable U.S. Treasury bonds and notes issued to official institutions of foreign countries; see Table 12.

<sup>2</sup> Includes State and local govt. securities, and securities of U.S. Govt. agencies and corporations. Also includes issues of new debt securities

sold abroad by U.S. corporations organized to finance direct investments abroad.

NOTE.—Statistics include transactions of international and regional organizations.

17. NET PURCHASES OR SALES BY FOREIGNERS OF U.S. CORPORATE STOCKS, BY COUNTRY

(In millions of dollars)

| Period                  | Pur-<br>chases | Sales  | Net pur-<br>chases or<br>sales (-) | France | Ger-<br>many | Nether-<br>lands | Switzer-<br>land | United<br>King-<br>dom | Other<br>Europe | Total<br>Europe | Canada | Latin<br>America | Asia | Other |
|-------------------------|----------------|--------|------------------------------------|--------|--------------|------------------|------------------|------------------------|-----------------|-----------------|--------|------------------|------|-------|
| 1971.....               | 11,626         | 10,894 | 731                                | 87     | 131          | 219              | 168              | -49                    | 71              | 627             | -93    | 37               | 108  | 52    |
| 1972.....               | 14,361         | 12,173 | 2,188                              | 372    | -51          | 297              | 642              | 561                    | 137             | 1,958           | -78    | -32              | 256  | 83    |
| 1973.....               | 12,749         | 9,955  | 2,794                              | 439    | 2            | 339              | 684              | 363                    | 287             | 2,114           | 99     | -1               | 577  | 5     |
| 1972—Dec.....           | 1,464          | 1,114  | 350                                | 48     | -3           | 42               | 59               | 132                    | 19              | 297             | -1     | 8                | 42   | 4     |
| 1973—Jan.....           | 1,401          | 924    | 477                                | 32     | 29           | 46               | 143              | 108                    | 21              | 380             | 25     | -20              | 85   | 8     |
| Feb.....                | 1,282          | 835    | 446                                | 25     | 5            | 67               | 150              | 82                     | 42              | 371             | 37     | -11              | 44   | 5     |
| Mar.....                | 1,144          | 793    | 350                                | 35     | 8            | 47               | 148              | 21                     | 29              | 288             | 25     | 5                | 21   | 11    |
| Apr.....                | 866            | 728    | 139                                | 21     | 9            | -8               | 53               | -16                    | 46              | 105             | 34     | -10              | 5    | 4     |
| May.....                | 777            | 898    | -121                               | -2     | -43          | -14              | -22              | -39                    | 3               | -117            | -7     | -16              | 11   | 9     |
| June.....               | 766            | 632    | 134                                | 2      | -23          | 7                | 52               | 15                     | 21              | 74              | 8      | -2               | 55   | -2    |
| July.....               | 880            | 564    | 316                                | 67     | -19          | 25               | 80               | 28                     | 28              | 210             | 19     | 11               | 71   | 5     |
| Aug.....                | 972            | 631    | 341                                | 53     | 1            | 60               | 57               | 40                     | 34              | 245             | 10     | 11               | 81   | -6    |
| Sept.....               | 947            | 734    | 212                                | 63     | 6            | 18               | 52               | 15                     | 14              | 167             | *      | 27               | 21   | -3    |
| Oct.....                | 1,366          | 1,272  | 93                                 | 6      | -7           | 5                | -34              | 66                     | 24              | 59              | -26    | 16               | 41   | 4     |
| Nov. <sup>2</sup> ..... | 1,480          | 1,071  | 409                                | 106    | 27           | 54               | 69               | 66                     | 20              | 342             | -18    | -9               | 108  | -14   |
| Dec. <sup>2</sup> ..... | 870            | 872    | -2                                 | 30     | 9            | 32               | -64              | -23                    | 6               | -9              | -8     | -4               | 34   | -16   |

<sup>1</sup> Includes international and regional organizations.

**18. NET PURCHASES OR SALES BY FOREIGNERS OF U.S. CORPORATE BONDS, BY COUNTRY**

(In millions of dollars)

| Period                  | Total | France | Germany | Netherlands | Switzerland | United Kingdom | Other Europe | Total Europe | Canada | Latin America | Asia | Africa | Other countries | Intl. and regional |
|-------------------------|-------|--------|---------|-------------|-------------|----------------|--------------|--------------|--------|---------------|------|--------|-----------------|--------------------|
| 1971.....               | 684   | 15     | 35      | -1          | 197         | 327            | 39           | 612          | 37     | 19            | -2   | *      | -21             | 39                 |
| 1972.....               | 1,871 | 336    | 77      | 74          | 135         | 357            | 315          | 1,293        | 82     | 22            | 323  | 2      | *               | 148                |
| 1973 <sup>1</sup> ..... | 1,951 | 201    | -33     | -19         | 307         | 302            | 475          | 1,233        | 49     | 44            | 588  | *      | 10              | 26                 |
| 1972—Dec.....           | 289   | 56     | 30      | *           | 14          | 49             | 60           | 210          | 8      | 3             | 29   | 1      | *               | 38                 |
| 1973—Jan.....           | 260   | 12     | *       | -2          | 29          | 49             | 73           | 161          | 1      | 6             | 31   | *      | *               | 60                 |
| Feb.....                | 270   | 6      | 4       | 2           | 30          | 46             | 60           | 149          | 36     | 1             | 110  | *      | *               | -26                |
| Mar.....                | 759   | 45     | 3       | -22         | -7          | -3             | 158          | 174          | *      | 4             | 623  | *      | *               | -42                |
| Apr.....                | 385   | 33     | 2       | *           | 65          | -96            | 94           | 98           | 16     | 4             | 199  | *      | *               | 68                 |
| May.....                | 161   | 1      | -4      | -1          | 76          | 120            | 22           | 215          | 7      | 1             | 2    | *      | *               | -63                |
| June.....               | 64    | 6      | -3      | *           | -3          | -9             | -2           | -10          | 7      | -1            | *    | *      | 10              | 59                 |
| July.....               | 106   | *      | -57     | *           | 13          | 15             | 7            | -52          | 3      | 4             | 1    | *      | *               | 150                |
| Aug.....                | 138   | 31     | 1       | 1           | -5          | 72             | 10           | 109          | -1     | 4             | 2    | *      | *               | 24                 |
| Sept.....               | -2    | 2      | *       | *           | -1          | 14             | 12           | 26           | -1     | 1             | 11   | *      | *               | -39                |
| Oct.....                | -25   | 53     | *       | 1           | 46          | -14            | 1            | 87           | 4      | 1             | 1    | *      | *               | -118               |
| Nov. <sup>2</sup> ..... | -151  | 4      | 11      | -2          | 28          | 76             | 7            | 124          | -21    | 3             | -209 | *      | *               | -48                |
| Dec. <sup>3</sup> ..... | -13   | 9      | 10      | 4           | 37          | 61             | 32           | 153          | -1     | 16            | -183 | .....  | *               | 1                  |

NOTE.—Statistics include State and local govt. securities, and securities of U.S. Govt. agencies and corporations. Also includes issues of new debt securities sold abroad by U.S. corporations organized to finance direct investments abroad.

**19. NET PURCHASES OR SALES BY FOREIGNERS OF LONG-TERM FOREIGN SECURITIES, BY AREA**

(In millions of dollars)

| Period                  | Total | Intl. and regional | Total foreign countries | Europe | Canada | Latin America | Asia | Africa | Other countries |
|-------------------------|-------|--------------------|-------------------------|--------|--------|---------------|------|--------|-----------------|
| 1971.....               | -992  | -310               | -682                    | 31     | -275   | -46           | -366 | -57    | 32              |
| 1972.....               | -651  | -90                | -561                    | 492    | -651   | -69           | -296 | -66    | 29              |
| 1973 <sup>1</sup> ..... | -801  | 139                | -941                    | -141   | -566   | -107          | -168 | 3      | 38              |
| 1972—Dec.....           | -167  | 9                  | -176                    | 7      | -158   | -26           | -2   | 2      | 1               |
| 1973—Jan.....           | -129  | 9                  | -138                    | 7      | -67    | -70           | -9   | *      | *               |
| Feb.....                | 49    | -2                 | 51                      | -3     | 41     | -16           | 29   | *      | *               |
| Mar.....                | 116   | 23                 | 93                      | 24     | 34     | 8             | 27   | *      | *               |
| Apr.....                | -166  | 16                 | -182                    | 22     | -193   | -6            | -5   | *      | *               |
| May.....                | 1     | 11                 | -10                     | -22    | -13    | 6             | 6    | -1     | 14              |
| June.....               | 34    | 7                  | 27                      | 10     | 6      | 13            | -13  | 1      | 9               |
| July.....               | -100  | 3                  | -103                    | -14    | -100   | *             | 9    | *      | 3               |
| Aug.....                | -69   | 5                  | -75                     | -21    | -44    | -4            | -8   | *      | 3               |
| Sept.....               | -25   | 4                  | -28                     | -28    | 8      | -8            | -1   | *      | 2               |
| Oct.....                | -240  | 4                  | -243                    | -25    | -148   | -8            | -64  | 1      | 1               |
| Nov. <sup>2</sup> ..... | -225  | 9                  | -234                    | -47    | -78    | -6            | -104 | *      | *               |
| Dec. <sup>3</sup> ..... | -48   | 51                 | -99                     | -44    | -10    | -15           | 34   | 2      | 3               |

**20. FOREIGN CREDIT AND DEBIT BALANCES IN BROKERAGE ACCOUNTS**

(Amounts outstanding; in millions of dollars)

| End of period            | Credit balances (due to foreigners) | Debit balances (due from foreigners) |
|--------------------------|-------------------------------------|--------------------------------------|
| 1970—Sept.....           | 291                                 | 203                                  |
| Dec.....                 | 349                                 | 281                                  |
| 1971—Mar.....            | 511                                 | 314                                  |
| June.....                | 419                                 | 300                                  |
| Sept.....                | 333                                 | 320                                  |
| Dec.....                 | 311                                 | 314                                  |
| 1972—Mar.....            | 325                                 | 379                                  |
| June.....                | 312                                 | 339                                  |
| Sept.....                | 286                                 | 336                                  |
| Dec.....                 | 372                                 | 405                                  |
| 1973—Mar.....            | 310                                 | 364                                  |
| June.....                | 316                                 | 243                                  |
| Sept. <sup>1</sup> ..... | 290                                 | 255                                  |

NOTE.—Data represent the money credit balances and money debit balances appearing on the books of reporting brokers and dealers in the United States, in accounts of foreigners with them, and in their accounts carried by foreigners.

Notes to Tables 21a and 21b on following pages:

<sup>1</sup> Total assets and total liabilities payable in U.S. dollars amounted to \$16,537 million and \$16,894 million, respectively, on Oct. 31 and \$17,534 million and \$17,824 million, respectively, on Nov. 30, 1973.

NOTE.—Components may not add to totals due to rounding.

For a given month, total assets may not equal total liabilities because some branches do not adjust the parent's equity in the branch to reflect unrealized paper profits and paper losses caused by changes in exchange rates, which are used to convert foreign currency values into equivalent dollar values.

21a. ASSETS OF FOREIGN BRANCHES OF U.S. BANKS

(In millions of dollars)

| Location and currency form           | Month-end     | Total   | Claims on U.S. |             |       | Claims on foreigners |                               |             |                       |                     | Other |
|--------------------------------------|---------------|---------|----------------|-------------|-------|----------------------|-------------------------------|-------------|-----------------------|---------------------|-------|
|                                      |               |         | Total          | Parent bank | Other | Total                | Other branches of parent bank | Other banks | Official institutions | Non-bank foreigners |       |
|                                      |               |         |                |             |       |                      |                               |             |                       |                     |       |
| <b>IN ALL FOREIGN COUNTRIES</b>      |               |         |                |             |       |                      |                               |             |                       |                     |       |
| Total, all currencies .....          | 1970—Dec..... | 47,363  | 9,740          | 7,248       | 2,491 | 36,221               | 6,887                         | 16,997      | 695                   | 11,643              | 1,403 |
|                                      | 1971—Dec..... | 61,334  | 4,798          | 2,311       | 2,486 | 54,752               | 11,211                        | 24,550      | 1,167                 | 17,823              | 1,785 |
|                                      | 1972—Nov..... | 76,241  | 4,456          | 1,824       | 2,632 | 69,425               | 11,350                        | 34,203      | 1,577                 | 22,295              | 2,360 |
|                                      | Dec.....      | 80,034  | 4,735          | 2,124       | 2,611 | 73,031               | 11,717                        | 36,738      | 1,665                 | 22,910              | 2,268 |
|                                      | 1973—Jan..... | 81,199  | 4,926          | 2,327       | 2,600 | 74,006               | 11,945                        | 36,797      | 1,621                 | 23,643              | 2,267 |
|                                      | Feb.....      | 87,901  | 4,325          | 1,365       | 2,760 | 81,067               | 12,272                        | 42,203      | 1,747                 | 24,846              | 2,509 |
|                                      | Mar.....      | 91,646  | 4,296          | 1,988       | 2,308 | 84,370               | 12,458                        | 44,268      | 1,965                 | 25,679              | 2,980 |
|                                      | Apr.....      | 90,987  | 3,917          | 1,672       | 2,244 | 84,091               | 12,787                        | 42,976      | 2,081                 | 26,247              | 2,979 |
|                                      | May.....      | 92,994  | 4,218          | 1,926       | 2,292 | 85,577               | 13,490                        | 42,746      | 2,004                 | 27,337              | 3,199 |
|                                      | June.....     | 98,757  | 4,955          | 2,333       | 2,622 | 90,208               | 13,528                        | 46,277      | 1,900                 | 28,502              | 3,594 |
|                                      | July.....     | 103,793 | 5,404          | 2,505       | 2,899 | 94,584               | 15,316                        | 47,555      | 2,035                 | 29,678              | 3,806 |
|                                      | Aug.....      | 105,131 | 5,157          | 2,289       | 2,868 | 95,946               | 15,667                        | 47,411      | 2,102                 | 30,766              | 4,029 |
|                                      | Sept.....     | 110,673 | 4,853          | 1,917       | 2,936 | 101,022              | 17,194                        | 49,312      | 2,242                 | 32,274              | 4,797 |
|                                      | Oct.....      | 113,888 | 4,888          | 1,856       | 3,031 | 104,291              | 18,042                        | 50,967      | 2,332                 | 32,948              | 4,710 |
|                                      | Nov.....      | 121,170 | 5,898          | 2,915       | 2,983 | 109,618              | 19,304                        | 53,858      | 2,220                 | 34,236              | 5,654 |
| <b>Payable in U.S. dollars .....</b> |               |         |                |             |       |                      |                               |             |                       |                     |       |
|                                      | 1970—Dec..... | 34,619  | 9,452          | 7,233       | 2,219 | 24,642               | 4,213                         | 13,265      | 362                   | 6,802               | 525   |
|                                      | 1971—Dec..... | 40,182  | 4,541          | 2,305       | 2,236 | 35,064               | 6,659                         | 18,006      | 864                   | 9,536               | 577   |
|                                      | 1972—Nov..... | 49,631  | 4,173          | 1,803       | 2,371 | 44,664               | 7,439                         | 24,123      | 1,083                 | 12,019              | 793   |
|                                      | Dec.....      | 54,058  | 4,473          | 2,102       | 2,371 | 48,768               | 8,083                         | 26,907      | 1,128                 | 12,651              | 817   |
|                                      | 1973—Jan..... | 54,196  | 4,592          | 2,303       | 2,289 | 48,828               | 8,093                         | 26,764      | 1,063                 | 12,908              | 777   |
|                                      | Feb.....      | 57,567  | 3,985          | 1,534       | 2,451 | 52,692               | 8,550                         | 29,829      | 1,097                 | 13,215              | 891   |
|                                      | Mar.....      | 58,745  | 3,988          | 1,957       | 2,031 | 53,752               | 8,438                         | 30,568      | 1,124                 | 13,622              | 1,005 |
|                                      | Apr.....      | 57,515  | 3,589          | 1,645       | 1,944 | 52,871               | 8,426                         | 29,498      | 1,108                 | 13,839              | 1,055 |
|                                      | May.....      | 58,019  | 3,930          | 1,899       | 2,031 | 52,871               | 8,548                         | 28,677      | 1,140                 | 14,506              | 1,218 |
|                                      | June.....     | 51,415  | 1,876          | 1,012       | 864   | 48,031               | 5,279                         | 30,348      | 607                   | 11,797              | 1,508 |
|                                      | July.....     | 64,146  | 4,799          | 2,469       | 2,330 | 57,867               | 9,229                         | 31,803      | 1,220                 | 15,615              | 1,480 |
|                                      | Aug.....      | 65,434  | 4,521          | 2,231       | 2,290 | 59,458               | 10,033                        | 31,387      | 1,278                 | 16,760              | 1,455 |
|                                      | Sept.....     | 68,114  | 4,415          | 1,866       | 2,549 | 62,015               | 10,718                        | 32,458      | 1,281                 | 17,558              | 1,685 |
|                                      | Oct.....      | 70,293  | 4,398          | 1,790       | 2,608 | 64,248               | 11,562                        | 33,483      | 1,321                 | 17,882              | 1,647 |
|                                      | Nov.....      | 76,120  | 5,424          | 2,855       | 2,569 | 68,907               | 12,334                        | 36,133      | 1,413                 | 19,027              | 1,789 |
| <b>IN UNITED KINGDOM</b>             |               |         |                |             |       |                      |                               |             |                       |                     |       |
| Total, all currencies .....          | 1970—Dec..... | 28,451  | 6,729          | 5,214       | 1,515 | 21,121               | 3,475                         | 11,095      | 316                   | 6,235               | 601   |
|                                      | 1971—Dec..... | 34,552  | 2,694          | 1,230       | 1,464 | 30,996               | 5,690                         | 16,211      | 476                   | 8,619               | 862   |
|                                      | 1972—Nov..... | 41,600  | 1,939          | 907         | 1,032 | 38,643               | 5,490                         | 22,671      | 584                   | 9,898               | 1,018 |
|                                      | Dec.....      | 43,684  | 2,234          | 1,138       | 1,096 | 40,430               | 5,659                         | 23,983      | 609                   | 10,179              | 1,020 |
|                                      | 1973—Jan..... | 44,347  | 2,585          | 1,466       | 1,118 | 40,796               | 5,637                         | 24,333      | 574                   | 10,252              | 966   |
|                                      | Feb.....      | 48,533  | 1,945          | 848         | 1,097 | 45,487               | 5,887                         | 28,473      | 585                   | 10,542              | 1,102 |
|                                      | Mar.....      | 49,696  | 2,052          | 1,130       | 922   | 46,520               | 5,783                         | 29,148      | 663                   | 10,926              | 1,124 |
|                                      | Apr.....      | 49,181  | 1,662          | 794         | 868   | 46,332               | 5,437                         | 29,255      | 651                   | 10,989              | 1,188 |
|                                      | May.....      | 49,080  | 1,744          | 910         | 834   | 46,001               | 5,725                         | 28,394      | 614                   | 11,268              | 1,336 |
|                                      | June.....     | 61,844  | 4,602          | 2,285       | 2,317 | 55,886               | 8,493                         | 31,261      | 1,129                 | 15,003              | 1,356 |
|                                      | July.....     | 54,265  | 2,500          | 1,492       | 1,008 | 50,189               | 6,274                         | 30,826      | 649                   | 12,440              | 1,576 |
|                                      | Aug.....      | 53,153  | 1,878          | 937         | 942   | 49,692               | 6,849                         | 29,696      | 685                   | 12,462              | 1,576 |
|                                      | Sept.....     | 56,127  | 1,473          | 604         | 870   | 52,771               | 8,022                         | 30,967      | 660                   | 13,123              | 1,882 |
|                                      | Oct.....      | 57,589  | 1,853          | 879         | 974   | 53,778               | 7,970                         | 31,775      | 695                   | 13,337              | 1,958 |
|                                      | Nov.....      | 62,294  | 2,285          | 1,245       | 1,040 | 57,146               | 8,552                         | 34,059      | 701                   | 13,834              | 2,863 |
| <b>Payable in U.S. dollars .....</b> |               |         |                |             |       |                      |                               |             |                       |                     |       |
|                                      | 1970—Dec..... | 22,574  |                | 6,596       |       | 15,655               | 2,223                         | 9,420       |                       | 4,012               | 323   |
|                                      | 1971—Dec..... | 24,428  |                | 2,585       |       | 21,493               | 4,135                         | 12,762      |                       | 4,596               | 350   |
|                                      | 1972—Nov..... | 27,865  |                | 1,846       |       | 25,579               | 4,049                         | 16,399      |                       | 5,132               | 439   |
|                                      | Dec.....      | 30,381  |                | 2,146       |       | 27,787               | 4,326                         | 17,976      |                       | 5,485               | 447   |
|                                      | 1973—Jan..... | 30,652  |                | 2,468       |       | 27,778               | 4,184                         | 18,069      |                       | 5,526               | 405   |
|                                      | Feb.....      | 32,746  |                | 1,814       |       | 30,423               | 4,568                         | 20,219      |                       | 5,637               | 508   |
|                                      | Mar.....      | 32,658  |                | 1,953       |       | 30,183               | 4,324                         | 20,033      |                       | 5,827               | 522   |
|                                      | Apr.....      | 31,833  |                | 1,539       |       | 29,778               | 4,034                         | 20,119      |                       | 5,625               | 515   |
|                                      | May.....      | 30,906  |                | 1,654       |       | 28,666               | 3,943                         | 18,848      |                       | 5,874               | 587   |
|                                      | June.....     | 32,864  |                | 1,784       |       | 30,386               | 3,900                         | 20,413      |                       | 6,073               | 694   |
|                                      | July.....     | 33,486  |                | 2,193       |       | 30,569               | 4,042                         | 20,209      |                       | 6,319               | 724   |
|                                      | Aug.....      | 32,935  |                | 1,540       |       | 30,694               | 4,887                         | 19,224      |                       | 6,584               | 701   |
|                                      | Sept.....     | 34,401  |                | 1,348       |       | 32,210               | 5,399                         | 19,873      |                       | 6,939               | 842   |
|                                      | Oct.....      | 35,647  |                | 1,700       |       | 33,176               | 5,769                         | 20,415      |                       | 6,993               | 770   |
|                                      | Nov.....      | 39,321  |                | 2,098       |       | 36,386               | 6,273                         | 22,786      |                       | 7,328               | 838   |
| <b>IN THE BAHAMAS</b>                |               |         |                |             |       |                      |                               |             |                       |                     |       |
| Total, all currencies .....          | 1970—Dec..... | 4,815   | 1,173          | 455         | 717   | 3,583                |                               | 2,119       |                       | 1,464               | 59    |
|                                      | 1971—Dec..... | 8,493   | 1,282          | 505         | 778   | 7,119                |                               | 3,798       |                       | 3,320               | 92    |
|                                      | 1972—Nov..... | 12,330  | 1,586          | 221         | 1,365 | 10,577               |                               | 6,209       |                       | 4,368               | 167   |
|                                      | Dec.....      | 13,091  | 1,496          | 225         | 1,272 | 11,419               |                               | 6,965       |                       | 4,454               | 175   |
|                                      | 1973—Jan..... | 13,064  | 1,387          | 182         | 1,206 | 11,495               |                               | 6,753       |                       | 4,742               | 181   |
|                                      | Feb.....      | 13,559  | 1,461          | 83          | 1,378 | 11,860               |                               | 7,189       |                       | 4,671               | 238   |
|                                      | Mar.....      | 13,764  | 1,210          | 89          | 1,121 | 12,284               |                               | 7,519       |                       | 4,765               | 271   |
|                                      | Apr.....      | 13,653  | 1,407          | 293         | 1,113 | 11,988               |                               | 6,726       |                       | 5,262               | 258   |
|                                      | May.....      | 14,730  | 1,498          | 272         | 1,227 | 12,888               |                               | 7,242       |                       | 5,647               | 343   |
|                                      | June.....     | 16,184  | 1,917          | 410         | 1,507 | 14,002               |                               | 8,206       |                       | 5,796               | 265   |
|                                      | July.....     | 17,086  | 1,929          | 350         | 1,579 | 14,862               |                               | 8,802       |                       | 6,060               | 295   |
|                                      | Aug.....      | 18,051  | 2,206          | 567         | 1,639 | 15,426               |                               | 9,001       |                       | 6,424               | 419   |
|                                      | Sept.....     | 18,665  | 2,217          | 469         | 1,748 | 15,995               |                               | 9,420       |                       | 6,575               | 454   |
|                                      | Oct.....      | 18,553  | 1,811          | 174         | 1,637 | 16,279               |                               | 9,457       |                       | 6,822               | 463   |
|                                      | Nov.....      | 19,576  | 2,284          | 648         | 1,636 | 16,777               |                               | 9,400       |                       | 7,376               | 515   |

For notes see p. A-85.

21b. LIABILITIES OF FOREIGN BRANCHES OF U.S. BANKS

(In millions of dollars)

| Total                           | To U.S. |             |       | To foreigners |                               |             |                       |                     | Other | Month-end      | Location and currency form   |
|---------------------------------|---------|-------------|-------|---------------|-------------------------------|-------------|-----------------------|---------------------|-------|----------------|------------------------------|
|                                 | Total   | Parent bank | Other | Total         | Other branches of parent bank | Other banks | Official institutions | Non-bank foreigners |       |                |                              |
| <b>IN ALL FOREIGN COUNTRIES</b> |         |             |       |               |                               |             |                       |                     |       |                |                              |
| 47,354                          | 2,575   | 716         | 1,859 | 42,812        | 6,426                         | 24,829      | 4,180                 | 7,377               | 1,967 | .....1970—Dec. | .....Total, all currencies   |
| 61,336                          | 3,114   | 669         | 2,445 | 56,124        | 10,773                        | 31,081      | 5,513                 | 8,756               | 2,098 | .....1971—Dec. |                              |
| 76,239                          | 3,233   | 802         | 2,432 | 70,513        | 11,146                        | 39,324      | 8,401                 | 11,642              | 2,493 | .....1972—Nov. |                              |
| 80,035                          | 3,559   | 1,000       | 2,559 | 73,842        | 11,344                        | 42,531      | 8,486                 | 11,483              | 2,634 | .....Dec.      |                              |
| 81,199                          | 3,414   | 836         | 2,578 | 75,272        | 11,746                        | 42,259      | 9,236                 | 12,032              | 2,513 | .....1973—Jan. |                              |
| 87,901                          | 3,967   | 1,132       | 2,835 | 80,848        | 11,868                        | 46,370      | 9,387                 | 13,223              | 3,086 | .....Feb.      |                              |
| 91,646                          | 4,137   | 1,218       | 2,919 | 84,066        | 12,219                        | 48,520      | 9,454                 | 13,873              | 3,443 | .....Mar.      |                              |
| 90,987                          | 4,095   | 1,044       | 3,051 | 83,345        | 12,638                        | 47,874      | 9,538                 | 13,294              | 3,547 | .....Apr.      |                              |
| 92,994                          | 4,548   | 1,122       | 3,426 | 84,655        | 13,284                        | 48,536      | 9,331                 | 13,505              | 3,792 | .....May       |                              |
| 98,756                          | 4,579   | 1,009       | 3,569 | 90,133        | 13,315                        | 52,388      | 9,593                 | 13,837              | 4,044 | .....June      |                              |
| 103,793                         | 4,491   | 1,213       | 3,279 | 94,940        | 15,040                        | 55,705      | 9,676                 | 14,519              | 4,362 | .....July      |                              |
| 105,130                         | 4,710   | 1,085       | 3,625 | 95,868        | 16,002                        | 56,152      | 8,585                 | 15,128              | 4,552 | .....Aug.      |                              |
| 110,673                         | 4,815   | 1,178       | 3,636 | 100,742       | 17,017                        | 58,734      | 8,769                 | 16,221              | 5,116 | .....Sept.     |                              |
| 113,888                         | 4,821   | 1,366       | 3,455 | 104,148       | 17,575                        | 61,126      | 9,070                 | 16,377              | 4,919 | .....Oct.      |                              |
| 121,171                         | 4,859   | 1,088       | 3,771 | 110,480       | 18,544                        | 65,630      | 9,703                 | 16,603              | 5,832 | .....Nov.      |                              |
| 36,086                          | 2,334   | 657         | 1,677 | 32,509        | 4,079                         | 19,816      | 3,737                 | 4,877               | 1,243 | .....1970—Dec. | .....Payable in U.S. dollars |
| 42,033                          | 2,674   | 511         | 2,163 | 38,083        | 6,653                         | 22,069      | 4,433                 | 4,928               | 1,276 | .....1971—Dec. |                              |
| 52,139                          | 2,753   | 651         | 2,102 | 48,082        | 7,741                         | 27,241      | 6,734                 | 6,365               | 1,305 | .....1972—Nov. |                              |
| 56,375                          | 3,104   | 848         | 2,256 | 51,811        | 8,178                         | 30,253      | 6,913                 | 6,467               | 1,459 | .....Dec.      |                              |
| 56,404                          | 2,995   | 693         | 2,302 | 52,113        | 8,400                         | 29,233      | 7,680                 | 6,800               | 1,297 | .....1973—Jan. |                              |
| 60,814                          | 3,466   | 954         | 2,511 | 55,780        | 8,750                         | 32,023      | 7,808                 | 7,200               | 1,568 | .....Feb.      |                              |
| 62,430                          | 3,613   | 1,038       | 2,575 | 57,127        | 8,735                         | 33,131      | 7,771                 | 7,489               | 1,691 | .....Mar.      |                              |
| 60,915                          | 3,562   | 886         | 2,676 | 55,604        | 8,657                         | 31,970      | 7,743                 | 7,234               | 1,750 | .....Apr.      |                              |
| 61,427                          | 4,005   | 955         | 3,050 | 55,636        | 8,810                         | 32,275      | 7,361                 | 7,190               | 1,786 | .....May       |                              |
| 64,661                          | 4,036   | 868         | 3,167 | 58,781        | 8,774                         | 35,470      | 7,354                 | 7,183               | 1,844 | .....June      |                              |
| 66,335                          | 3,893   | 1,046       | 2,847 | 60,482        | 9,626                         | 36,271      | 7,092                 | 7,493               | 1,961 | .....July      |                              |
| 67,357                          | 4,158   | 943         | 3,215 | 61,041        | 10,612                        | 36,616      | 6,242                 | 7,572               | 2,157 | .....Aug.      |                              |
| 70,314                          | 4,233   | 1,022       | 3,211 | 63,705        | 11,036                        | 37,874      | 6,366                 | 8,429               | 2,376 | .....Sept.     |                              |
| 71,911                          | 4,273   | 1,205       | 3,068 | 65,345        | 11,636                        | 38,886      | 6,325                 | 8,498               | 2,293 | .....Oct.      |                              |
| 78,139                          | 4,236   | 897         | 3,339 | 70,719        | 12,313                        | 43,108      | 6,441                 | 8,857               | 3,184 | .....Nov.      |                              |
| <b>IN UNITED KINGDOM</b>        |         |             |       |               |                               |             |                       |                     |       |                |                              |
| 28,451                          | 1,339   | 116         | 1,222 | 26,520        | 2,320                         | 16,533      | 3,119                 | 4,548               | 592   | .....1970—Dec. | .....Total, all currencies   |
| 34,552                          | 1,660   | 111         | 1,550 | 32,128        | 3,401                         | 19,137      | 4,464                 | 5,126               | 763   | .....1971—Dec. |                              |
| 41,600                          | 1,481   | 132         | 1,349 | 39,149        | 2,928                         | 22,769      | 6,340                 | 7,112               | 969   | .....1972—Nov. |                              |
| 43,684                          | 1,456   | 113         | 1,343 | 41,232        | 2,961                         | 24,776      | 6,453                 | 7,042               | 997   | .....Dec.      |                              |
| 44,347                          | 1,501   | 107         | 1,394 | 41,933        | 3,277                         | 23,959      | 7,285                 | 7,412               | 913   | .....1973—Jan. |                              |
| 48,533                          | 1,844   | 264         | 1,580 | 45,628        | 3,157                         | 27,038      | 7,517                 | 7,915               | 1,062 | .....Feb.      |                              |
| 49,696                          | 1,858   | 235         | 1,624 | 46,750        | 3,164                         | 28,119      | 7,388                 | 8,078               | 1,088 | .....Mar.      |                              |
| 49,181                          | 1,970   | 165         | 1,805 | 46,075        | 3,397                         | 27,796      | 7,509                 | 7,373               | 1,136 | .....Apr.      |                              |
| 49,080                          | 2,028   | 170         | 1,857 | 45,792        | 3,614                         | 27,168      | 7,324                 | 7,685               | 1,260 | .....May       |                              |
| 51,415                          | 1,957   | 122         | 1,835 | 48,145        | 3,321                         | 29,332      | 7,585                 | 7,907               | 1,313 | .....June      |                              |
| 54,265                          | 1,875   | 164         | 1,711 | 50,973        | 3,883                         | 31,029      | 7,817                 | 8,245               | 1,418 | .....July      |                              |
| 53,153                          | 2,080   | 171         | 1,909 | 49,562        | 3,731                         | 30,502      | 6,753                 | 8,575               | 1,512 | .....Aug.      |                              |
| 56,127                          | 2,125   | 161         | 1,964 | 52,238        | 4,118                         | 32,210      | 6,952                 | 8,957               | 1,764 | .....Sept.     |                              |
| 57,589                          | 2,031   | 134         | 1,897 | 53,748        | 4,036                         | 33,531      | 6,999                 | 9,182               | 1,809 | .....Oct.      |                              |
| 62,294                          | 2,198   | 143         | 2,055 | 57,434        | 3,886                         | 36,348      | 7,700                 | 9,500               | 2,662 | .....Nov.      |                              |
| 23,005                          | 1,208   | 98          | 1,110 | 21,495        | 1,548                         | 13,684      | 2,859                 | 3,404               | 302   | .....1970—Dec. | .....Payable in U.S. dollars |
| 24,845                          | 1,412   | 23          | 1,389 | 23,059        | 2,164                         | 14,038      | 3,676                 | 3,181               | 374   | .....1971—Dec. |                              |
| 28,558                          | 1,270   | 92          | 1,178 | 26,778        | 1,959                         | 15,383      | 5,280                 | 4,155               | 510   | .....1972—Nov. |                              |
| 30,933                          | 1,276   | 72          | 1,203 | 29,121        | 2,008                         | 17,478      | 5,349                 | 4,287               | 536   | .....Dec.      |                              |
| 30,926                          | 1,335   | 72          | 1,264 | 29,091        | 2,234                         | 16,205      | 6,162                 | 4,490               | 500   | .....1973—Jan. |                              |
| 33,966                          | 1,661   | 226         | 1,436 | 31,714        | 2,188                         | 18,360      | 6,394                 | 4,771               | 591   | .....Feb.      |                              |
| 33,929                          | 1,676   | 195         | 1,481 | 31,655        | 2,128                         | 18,334      | 6,251                 | 4,942               | 598   | .....Mar.      |                              |
| 33,050                          | 1,735   | 119         | 1,616 | 30,782        | 2,318                         | 17,672      | 6,245                 | 4,546               | 533   | .....Apr.      |                              |
| 32,148                          | 1,809   | 138         | 1,671 | 29,730        | 2,225                         | 16,982      | 5,897                 | 4,626               | 608   | .....May       |                              |
| 33,584                          | 1,731   | 102         | 1,629 | 31,278        | 2,234                         | 18,390      | 5,990                 | 4,663               | 575   | .....June      |                              |
| 33,901                          | 1,661   | 148         | 1,513 | 31,645        | 2,316                         | 18,723      | 5,868                 | 4,739               | 595   | .....July      |                              |
| 33,077                          | 1,846   | 148         | 1,698 | 30,549        | 2,213                         | 18,671      | 5,005                 | 4,660               | 682   | .....Aug.      |                              |
| 35,017                          | 1,866   | 137         | 1,729 | 32,342        | 2,245                         | 19,949      | 5,126                 | 5,022               | 809   | .....Sept.     |                              |
| 35,469                          | 1,836   | 108         | 1,727 | 32,902        | 2,515                         | 20,383      | 4,809                 | 5,194               | 732   | .....Oct.      |                              |
| 39,703                          | 1,908   | 87          | 1,821 | 36,239        | 2,468                         | 23,189      | 4,983                 | 5,598               | 1,557 | .....Nov.      |                              |
| <b>IN THE BAHAMAS</b>           |         |             |       |               |                               |             |                       |                     |       |                |                              |
| 4,815                           |         | 542         |       | 4,183         | 488                           | 2,872       |                       | 823                 | 90    | .....1970—Dec. | .....Total, all currencies   |
| 8,495                           |         | 750         |       | 7,557         | 1,649                         | 4,784       |                       | 1,124               | 188   | .....1971—Dec. |                              |
| 12,329                          |         | 934         |       | 11,230        | 1,982                         | 7,862       |                       | 1,386               | 166   | .....1972—Nov. |                              |
| 13,091                          |         | 1,220       |       | 11,703        | 1,964                         | 8,395       |                       | 1,344               | 168   | .....Dec.      |                              |
| 13,064                          |         | 1,137       |       | 11,760        | 1,875                         | 8,502       |                       | 1,383               | 167   | .....1973—Jan. |                              |
| 13,559                          |         | 1,186       |       | 12,144        | 2,223                         | 8,394       |                       | 1,527               | 230   | .....Feb.      |                              |
| 13,765                          |         | 1,304       |       | 12,194        | 1,830                         | 8,829       |                       | 1,536               | 267   | .....Mar.      |                              |
| 13,653                          |         | 1,126       |       | 12,138        | 1,977                         | 8,505       |                       | 1,656               | 389   | .....Apr.      |                              |
| 14,730                          |         | 1,404       |       | 12,981        | 2,238                         | 9,259       |                       | 1,483               | 345   | .....May       |                              |
| 16,184                          |         | 1,480       |       | 14,370        | 2,579                         | 10,410      |                       | 1,381               | 334   | .....June      |                              |
| 17,086                          |         | 1,374       |       | 15,381        | 3,002                         | 10,762      |                       | 1,616               | 331   | .....July      |                              |
| 18,050                          |         | 1,458       |       | 16,196        | 3,499                         | 11,064      |                       | 1,633               | 395   | .....Aug.      |                              |
| 18,665                          |         | 1,535       |       | 16,561        | 3,640                         | 10,923      |                       | 1,999               | 569   | .....Sept.     |                              |
| 18,553                          |         | 1,574       |       | 16,437        | 3,865                         | 10,808      |                       | 1,764               | 541   | .....Oct.      |                              |
| 19,577                          |         | 1,382       |       | 17,630        | 4,089                         | 11,961      |                       | 1,581               | 565   | .....Nov.      |                              |

For notes see p. A-85.



**22. LIABILITIES OF U.S. BANKS TO THEIR FOREIGN BRANCHES AND FOREIGN BRANCH HOLDINGS OF SPECIAL U.S. GOVERNMENT SECURITIES**

(Amounts outstanding; in millions of dollars)

| Wednesday        |  | Liabilities <sup>1</sup> | Liab. plus sec. <sup>2</sup> | Wednesday |       | Liabilities <sup>1</sup> | Wednesday |                     | Liabilities <sup>1</sup> | Wednesday |  | Liabilities <sup>1</sup> |  |  |  |
|------------------|--|--------------------------|------------------------------|-----------|-------|--------------------------|-----------|---------------------|--------------------------|-----------|--|--------------------------|--|--|--|
| 1968             |  |                          |                              | 1972      |       |                          |           | 1973                |                          |           |  | 1973                     |  |  |  |
| Mar. 27          |  | 4,920                    |                              | Jan. 26   | 1,419 | June 6                   | 940       | Nov. 7 <sup>r</sup> |                          | 1,754     |  |                          |  |  |  |
| June 26          |  | 6,202                    |                              | Feb. 23   | 1,068 | 13                       | 1,266     | 14 <sup>r</sup>     |                          | 1,870     |  |                          |  |  |  |
| Sept. 25         |  | 7,104                    |                              | Mar. 29   | 1,532 | 20                       | 1,242     | 21 <sup>r</sup>     |                          | 2,473     |  |                          |  |  |  |
| Dec. 31 (1/1/69) |  | 6,039                    |                              |           |       | 27                       | 1,521     | 28 <sup>r</sup>     |                          | 2,458     |  |                          |  |  |  |
| 1969             |  |                          |                              | 1973      |       |                          |           | 1974                |                          |           |  | 1974                     |  |  |  |
| Mar. 26          |  | 9,621                    |                              | Apr. 26   | 1,374 | July 3                   | 1,766     | Dec. 5              |                          | 1,911     |  |                          |  |  |  |
| June 25          |  | 13,269                   |                              | May 31    | 1,465 | 11                       | 1,664     | 12 <sup>r</sup>     |                          | 1,938     |  |                          |  |  |  |
| Sept. 24         |  | 14,349                   |                              | June 28   | 1,443 | 18                       | 2,146     | 19 <sup>r</sup>     |                          | 2,382     |  |                          |  |  |  |
| Dec. 31          |  | 12,805                   |                              | July 26   | 1,345 | 25                       | 2,086     | 26 <sup>r</sup>     |                          | 1,703     |  |                          |  |  |  |
| 1970             |  |                          |                              | 1973      |       |                          |           | 1974                |                          |           |  | 1974                     |  |  |  |
| Mar. 25          |  | 11,885                   |                              | Oct. 25   | 1,415 | Aug. 1                   | 2,226     | Jan. 2 <sup>r</sup> |                          | 1,158     |  |                          |  |  |  |
| June 24          |  | 12,172                   |                              | Nov. 29   | 1,745 | 8                        | 2,276     | 9 <sup>r</sup>      |                          | 1,322     |  |                          |  |  |  |
| Sept. 30         |  | 9,663                    |                              | Dec. 27   | 1,406 | 15                       | 1,900     | 16 <sup>r</sup>     |                          | 2,039     |  |                          |  |  |  |
| Dec. 30          |  | 7,676                    |                              |           |       | 22 <sup>r</sup>          | 2,446     | 23 <sup>r</sup>     |                          | 2,002     |  |                          |  |  |  |
| 1971             |  |                          |                              | 1973      |       |                          |           | 1974                |                          |           |  | 1974                     |  |  |  |
| Mar. 31          |  | 2,858                    | 4,358                        | Jan. 31   | 1,413 | Sept. 5                  | 1,512     | 30                  |                          | 1,683     |  |                          |  |  |  |
| June 30          |  | 1,492                    | 4,500                        | Feb. 28   | 790   | 12                       | 1,942     |                     |                          |           |  |                          |  |  |  |
| Sept. 29         |  | 2,475                    | 3,578                        | Mar. 28   | 1,127 | 19                       | 1,801     |                     |                          |           |  |                          |  |  |  |
| Dec. 29          |  | 909                      |                              | Apr. 25   | 1,123 | 26                       | 1,731     |                     |                          |           |  |                          |  |  |  |
|                  |  |                          |                              | May 30    | 1,351 | Oct. 3                   | 1,695     |                     |                          |           |  |                          |  |  |  |
|                  |  |                          |                              |           |       | 10                       | 1,790     |                     |                          |           |  |                          |  |  |  |
|                  |  |                          |                              |           |       | 17                       | 1,814     |                     |                          |           |  |                          |  |  |  |
|                  |  |                          |                              |           |       | 24                       | 1,642     |                     |                          |           |  |                          |  |  |  |
|                  |  |                          |                              |           |       | 31 <sup>r</sup>          | 1,768     |                     |                          |           |  |                          |  |  |  |

<sup>1</sup> Represents gross liabilities of reporting banks to their branches in foreign countries.  
<sup>2</sup> For period Jan. 27, 1971 through Oct. 20, 1971, includes U.S. Treasury

Certificates Eurodollar Series and special Export-Import Bank securities held by foreign branches. Beginning July 28, 1971, all of the securities held were U.S. Treasury Certificates Eurodollar Series.

**23. DEPOSITS, U.S. TREAS. SECURITIES, AND GOLD HELD AT F.R. BANKS FOR FOREIGN OFFICIAL ACCOUNT**

(In millions of dollars)

| End of period | Deposits | Assets in custody                   |                |
|---------------|----------|-------------------------------------|----------------|
|               |          | U.S. Treas. securities <sup>1</sup> | Earmarked gold |
| 1971          | 294      | 43,195                              | 13,815         |
| 1972          | 325      | 50,934                              | 215,530        |
| 1973—Jan.     | 310      | 50,118                              | 15,526         |
| Feb.          | 455      | 56,914                              | 15,522         |
| Mar.          | 327      | 359,389                             | 15,519         |
| Apr.          | 328      | 358,255                             | 15,513         |
| May           | 289      | 58,015                              | 15,511         |
| June          | 334      | 57,545                              | 15,486         |
| July          | 280      | 57,054                              | 15,464         |
| Aug.          | 259      | 55,855                              | 15,455         |
| Sept.         | 250      | 55,407                              | 15,437         |
| Oct.          | 426      | 54,766                              | 417,122        |
| Nov.          | 420      | 52,998                              | 17,104         |
| Dec.          | 251      | 52,070                              | 17,068         |
| 1974—Jan.     | 392      | 49,582                              | 17,044         |

<sup>1</sup> Marketable U.S. Treasury bills, certificates of indebtedness, notes, and bonds and nonmarketable U.S. Treasury securities payable in dollars and in foreign currencies.

<sup>2</sup> The value of earmarked gold increased because of the change in par value of the U.S. dollar in May 1972.

<sup>3</sup> Includes \$15 million increase in Mar. and \$160 million increase in Apr. in dollar value of foreign currency obligations revalued to reflect market exchange rates.

<sup>4</sup> The value of earmarked gold increased because of the change in par value of the U.S. dollar in Oct. 1973.

NOTE.—Excludes deposits and U.S. Treas. securities held for international and regional organizations. Earmarked gold is gold held for foreign and international accounts and is not included in the gold stock of the United States.

**24. SHORT-TERM LIQUID CLAIMS ON FOREIGNERS REPORTED BY NONBANKING CONCERNS**

(Amounts outstanding; in millions of dollars)

| End of period | Total | Payable in dollars |                                     | Payable in foreign currencies |                                     | United Kingdom | Canada |
|---------------|-------|--------------------|-------------------------------------|-------------------------------|-------------------------------------|----------------|--------|
|               |       | Deposits           | Short-term investments <sup>1</sup> | Deposits                      | Short-term investments <sup>1</sup> |                |        |
| 1968          | 1,638 | 1,219              | 87                                  | 272                           | 60                                  | 979            | 280    |
| 1969          | 1,319 | 952                | 116                                 | 174                           | 76                                  | 610            | 469    |
| 1970          | 1,491 | 1,062              | 161                                 | 183                           | 86                                  | 663            | 534    |
|               | 1,141 | 697                | 150                                 | 173                           | 121                                 | 372            | 443    |
| 1971—Dec. 2   | 1,648 | 1,092              | 203                                 | 234                           | 120                                 | 577            | 587    |
|               | 1,507 | 1,078              | 127                                 | 234                           | 68                                  | 580            | 443    |
| 1972—Nov.     | 2,058 | 1,493              | 167                                 | 343                           | 55                                  | 635            | 587    |
| Dec. 2        | 1,965 | 1,446              | 169                                 | 307                           | 42                                  | 702            | 485    |
|               | 2,250 | 1,789              | 55                                  | 338                           | 68                                  | 869            | 535    |
| 1973—Jan.     | 2,458 | 1,929              | 92                                  | 344                           | 93                                  | 921            | 704    |
| Feb.          | 2,989 | 2,218              | 170                                 | 378                           | 224                                 | 1,012          | 1,088  |
| Mar.          | 3,074 | 2,282              | 156                                 | 412                           | 225                                 | 1,100          | 963    |
| Apr.          | 3,041 | 2,272              | 118                                 | 416                           | 234                                 | 1,042          | 882    |
| May           | 3,188 | 2,412              | 130                                 | 433                           | 211                                 | 1,008          | 1,007  |
| June          | 3,203 | 2,542              | 74                                  | 453                           | 134                                 | 1,062          | 878    |
| July          | 3,260 | 2,482              | 136                                 | 475                           | 167                                 | 1,068          | 955    |
| Aug.          | 3,349 | 2,575              | 82                                  | 484                           | 209                                 | 1,061          | 936    |
| Sept.         | 3,203 | 2,494              | 78                                  | 471                           | 161                                 | 1,080          | 882    |
| Oct.          | 2,883 | 2,223              | 66                                  | 447                           | 148                                 | 981            | 868    |
| Nov.          | 3,120 | 2,494              | 58                                  | 432                           | 136                                 | 1,034          | 904    |

<sup>1</sup> Negotiable and other readily transferable foreign obligations payable on demand or having a contractual maturity of not more than 1 year from the date on which the obligation was incurred by the foreigner.

<sup>2</sup> Data on the two lines for this date differ because of changes in reporting coverage. Figures on the first line are comparable in coverage with those shown for the preceding date; figures on the second line are comparable with those shown for the following date.

NOTE.—Data represent the liquid assets abroad of large nonbanking concerns in the United States. They are a portion of the total claims on foreigners reported by nonbanking concerns in the United States and are included in the figures shown in Tables 25 and 26.

## 25. SHORT-TERM LIABILITIES TO AND CLAIMS ON FOREIGNERS REPORTED BY NONBANKING CONCERNS

(End of period. Amounts outstanding; in millions of dollars)

| Area and country                                     | Liabilities to foreigners |                   |       |                    | Claims on foreigners |                   |       |                    |
|--|---------------------------|-------------------|-------|--------------------|----------------------|-------------------|-------|--------------------|
|  | 1972                      | 1973              |       |                    | 1972                 | 1973              |       |                    |
|  | Dec. <sup>r</sup>         | Mar. <sup>r</sup> | June  | Sept. <sup>p</sup> | Dec. <sup>r</sup>    | Mar. <sup>r</sup> | June  | Sept. <sup>p</sup> |
| Europe:  |                           |                   |       |                    |                      |                   |       |                    |
| Austria.....   | 2                         | 3                 | 2     | 2                  | 19                   | 14                | 17    | 15                 |
| Belgium-Luxembourg.....                              | 83                        | 75                | 81    | 129                | 73                   | 121               | 109   | 112                |
| Denmark.....   | 7                         | 8                 | 19    | 18                 | 29                   | 26                | 20    | 21                 |
| Finland.....   | 4                         | 4                 | 4     | 7                  | 25                   | 21                | 21    | 31                 |
| France.....  | 167                       | 161               | 165   | 165                | 228                  | 288               | 315   | 275                |
| Germany, Fed. Rep. of.....                           | 157                       | 147               | 182   | 193                | 195                  | 245               | 273   | 265                |
| Greece.....  | 15                        | 19                | 24    | 33                 | 35                   | 36                | 40    | 52                 |
| Italy.....   | 121                       | 107               | 103   | 108                | 202                  | 204               | 201   | 201                |
| Netherlands.....                                     | 109                       | 102               | 111   | 113                | 84                   | 97                | 96    | 118                |
| Norway.....  | 14                        | 14                | 13    | 10                 | 16                   | 18                | 19    | 21                 |
| Portugal.....  | 4                         | 5                 | 4     | 12                 | 19                   | 19                | 25    | 24                 |
| Spain.....   | 81                        | 82                | 72    | 79                 | 157                  | 159               | 140   | 169                |
| Sweden.....  | 13                        | 23                | 25    | 32                 | 57                   | 45                | 49    | 53                 |
| Switzerland.....                                     | 112                       | 134               | 90    | 148                | 82                   | 87                | 90    | 63                 |
| Turkey.....  | 4                         | 3                 | 3     | 6                  | 48                   | 23                | 14    | 17                 |
| United Kingdom.....                                  | 1,057                     | 898               | 746   | 829                | 1,182                | 1,422             | 1,400 | 1,482              |
| Yugoslavia.....                                      | 7                         | 16                | 17    | 22                 | 12                   | 14                | 18    | 21                 |
| Other Western Europe.....                            | 2                         | 2                 | 2     | 3                  | 9                    | 12                | 9     | 12                 |
| Eastern Europe.....                                  | 3                         | 6                 | 22    | 24                 | 42                   | 40                | 91    | 73                 |
| Total.....   | 1,961                     | 1,808             | 1,686 | 1,933              | 2,517                | 2,888             | 2,949 | 3,025              |
| Canada.....  | 213                       | 266               | 248   | 236                | 965                  | 1,360             | 1,300 | 1,330              |
| Latin America:                                       |                           |                   |       |                    |                      |                   |       |                    |
| Argentina.....                                       | 29                        | 30                | 24    | 24                 | 79                   | 74                | 60    | 65                 |
| Brazil.....  | 35                        | 42                | 47    | 41                 | 169                  | 172               | 178   | 202                |
| Chile.....   | 18                        | 17                | 13    | 13                 | 34                   | 31                | 29    | 34                 |
| Colombia.....  | 7                         | 8                 | 7     | 8                  | 40                   | 40                | 36    | 44                 |
| Cuba.....  | 1                         | *                 | *     | *                  | 1                    | 1                 | 1     | 1                  |
| Mexico.....  | 27                        | 34                | 37    | 36                 | 183                  | 195               | 204   | 187                |
| Panama.....  | 18                        | 17                | 18    | 17                 | 74                   | 72                | 72    | 91                 |
| Peru.....  | 4                         | 4                 | 6     | 10                 | 36                   | 33                | 34    | 37                 |
| Uruguay.....   | 7                         | 5                 | 3     | 2                  | 4                    | 5                 | 5     | 5                  |
| Venezuela.....                                       | 21                        | 23                | 23    | 24                 | 92                   | 106               | 101   | 103                |
| Other L.A. republics.....                            | 45                        | 46                | 47    | 49                 | 95                   | 96                | 102   | 125                |
| Bahamas <sup>1</sup> .....                           | 381                       | 320               | 415   | 349                | 585                  | 571               | 766   | 744                |
| Neth. Antilles and Surinam.....                      | 10                        | 10                | 11    | 7                  | 13                   | 12                | 11    | 9                  |
| Other Latin America.....                             | 4                         | 9                 | 19    | 20                 | 34                   | 44                | 90    | 105                |
| Total.....   | 605                       | 565               | 670   | 602                | 1,439                | 1,451             | 1,688 | 1,753              |
| Asia:  |                           |                   |       |                    |                      |                   |       |                    |
| China, People's Republic of<br>(China Mainland)..... | 32                        | 32                | 31    | 36                 | *                    | 1                 | 11    | 48                 |
| China, Rep. of (Taiwan).....                         | 26                        | 33                | 35    | 31                 | 65                   | 61                | 76    | 77                 |
| Hong Kong.....                                       | 12                        | 17                | 13    | 17                 | 32                   | 31                | 34    | 36                 |
| India.....   | 7                         | 7                 | 7     | 7                  | 34                   | 32                | 29    | 32                 |
| Indonesia.....                                       | 16                        | 16                | 15    | 15                 | 34                   | 39                | 36    | 41                 |
| Israel.....  | 13                        | 16                | 9     | 11                 | 31                   | 34                | 27    | 28                 |
| Japan.....   | 189                       | 229               | 275   | 328                | 473                  | 518               | 506   | 632                |
| Korea.....   | 21                        | 19                | 18    | 20                 | 63                   | 47                | 41    | 48                 |
| Philippines.....                                     | 16                        | 25                | 19    | 16                 | 48                   | 47                | 47    | 52                 |
| Thailand.....  | 5                         | 5                 | 6     | 6                  | 23                   | 25                | 24    | 27                 |
| Other Asia.....                                      | 152                       | 156               | 140   | 179                | 203                  | 191               | 203   | 203                |
| Total.....   | 488                       | 554               | 567   | 665                | 1,007                | 1,026             | 1,033 | 1,224              |
| Africa:  |                           |                   |       |                    |                      |                   |       |                    |
| Egypt.....   | 32                        | 37                | 20    | 11                 | 16                   | 25                | 23    | 28                 |
| South Africa.....                                    | 8                         | 6                 | 6     | 6                  | 52                   | 56                | 51    | 60                 |
| Zaire.....   | 1                         | 12                | 12    | 19                 | 8                    | 16                | 15    | 19                 |
| Other Africa.....                                    | 62                        | 67                | 67    | 97                 | 88                   | 84                | 92    | 90                 |
| Total.....   | 104                       | 121               | 105   | 134                | 164                  | 179               | 181   | 197                |
| Other countries:                                     |                           |                   |       |                    |                      |                   |       |                    |
| Australia.....                                       | 46                        | 54                | 72    | 94                 | 85                   | 81                | 75    | 89                 |
| All other.....                                       | 13                        | 11                | 11    | 9                  | 22                   | 24                | 26    | 22                 |
| Total.....   | 59                        | 65                | 83    | 103                | 107                  | 105               | 101   | 111                |
| International and regional.....                      | *                         | *                 | *     | *                  | 1                    | 1                 | 1     | *                  |
| Grand total.....                                     | 3,430                     | 3,381             | 3,361 | 3,671              | 6,199                | 7,011             | 7,254 | 7,640              |

<sup>1</sup> Includes Bermuda.  
 Note.—Reported by exporters, importers, and industrial and commercial concerns and other nonbanking institutions in the United States.

Data exclude claims held through U.S. banks, and intercompany accounts between U.S. companies and their foreign affiliates.

**26. SHORT-TERM LIABILITIES TO AND CLAIMS ON FOREIGNERS REPORTED BY NONBANKING CONCERNS, BY TYPE**

(Amounts outstanding; in millions of dollars)

| End of period  | Liabilities |                    |                               | Claims |                    |   |       |
|----------------|-------------|--------------------|-------------------------------|--------|--------------------|---|-------|
|                | Total       | Payable in dollars | Payable in foreign currencies | Total  | Payable in dollars | Payable in foreign currencies                 |       |
|                |             |                    |                               |        |                    | Deposits with banks abroad in reporter's name | Other |
| 1969—Sept..... | 1,797       | 1,450              | 346                           | 3,874  | 3,222              | 386   | 267   |
| Dec. 1.....    | 1,786       | 1,399              | 387                           | 3,710  | 3,124              | 221   | 365   |
|                | 2,124       | 1,654              | 471                           | 4,159  | 3,532              | 244   | 383   |
| 1970—June..... | 2,387       | 1,843              | 543                           | 4,457  | 3,868              | 234   | 355   |
| Sept.....      | 2,512       | 1,956              | 557                           | 4,361  | 3,756              | 301   | 305   |
| Dec.....       | 2,677       | 2,281              | 496                           | 4,160  | 3,579              | 234   | 348   |
| 1971—Mar.....  | 2,437       | 1,975              | 462                           | 4,515  | 3,909              | 232   | 374   |
| June.....      | 2,375       | 1,937              | 438                           | 4,708  | 4,057              | 303   | 348   |
| Sept.....      | 2,564       | 2,109              | 454                           | 4,894  | 4,186              | 383   | 326   |
| Dec. 1.....    | 2,704       | 2,229              | 475                           | 5,185  | 4,535              | 318   | 333   |
|                | 2,763       | 2,301              | 463                           | 5,004  | 4,467              | 290   | 247   |
| 1972—Mar.....  | 2,844       | 2,407              | 437                           | 5,177  | 4,557              | 318   | 302   |
| June.....      | 2,925       | 2,452              | 472                           | 5,331  | 4,685              | 376   | 270   |
| Sept.....      | 2,933       | 2,435              | 498                           | 5,495  | 4,833              | 432   | 230   |
| Dec. 1.....    | 3,119       | 2,635              | 484                           | 5,723  | 5,074              | 411   | 238   |
|                | 3,430       | 2,918              | 512                           | 6,199  | 5,523              | 394   | 282   |
| 1973—Mar.....  | 3,381       | 2,858              | 523                           | 7,011  | 6,112              | 462   | 437   |
| June.....      | 3,361       | 2,780              | 581                           | 7,254  | 6,392              | 504   | 358   |
| Sept.....      | 3,671       | 2,970              | 701                           | 7,640  | 6,690              | 536   | 414   |

<sup>1</sup> Data on the two lines shown for this date differ because of changes in reporting coverage. Figures on the first line are comparable with those shown for the preceding date; figures on the second line are comparable with those shown for the following date.

**27. LONG-TERM LIABILITIES TO AND CLAIMS ON FOREIGNERS REPORTED BY NONBANKING CONCERNS**

(Amounts outstanding; in millions of dollars)

| End of period  | Total liabilities | Claims |                 |              |        |        |        |                     |       |            |        |           |
|----------------|-------------------|--------|-----------------|--------------|--------|--------|--------|---------------------|-------|------------|--------|-----------|
|                |                   | Total  | Country or area |              |        |        |        |                     |       |            |        |           |
|                |                   |        | United Kingdom  | Other Europe | Canada | Brazil | Mexico | Other Latin America | Japan | Other Asia | Africa | All other |
| 1969—Sept..... | 1,418             | 1,965  | 167             | 369          | 465    | 179    | 70     | 213                 | 143   | 246        | 71     | 42        |
| Dec. 1.....    | 1,725             | 2,215  | 152             | 433          | 496    | 172    | 73     | 388                 | 141   | 249        | 69     | 42        |
|                | 2,304             | 2,363  | 152             | 442          | 562    | 177    | 77     | 420                 | 142   | 271        | 75     | 46        |
| 1970—Mar.....  | 2,358             | 2,744  | 159             | 735          | 573    | 181    | 74     | 458                 | 158   | 288        | 71     | 47        |
| June.....      | 2,587             | 2,757  | 161             | 712          | 580    | 177    | 65     | 477                 | 166   | 288        | 76     | 54        |
| Sept.....      | 2,785             | 2,885  | 157             | 720          | 620    | 180    | 63     | 586                 | 144   | 284        | 73     | 58        |
| Dec.....       | 3,102             | 2,950  | 146             | 708          | 669    | 183    | 60     | 618                 | 140   | 292        | 71     | 64        |
| 1971—Mar.....  | 3,177             | 2,983  | 154             | 688          | 670    | 182    | 63     | 615                 | 161   | 302        | 77     | 72        |
| June.....      | 3,172             | 2,982  | 151             | 687          | 677    | 180    | 63     | 625                 | 138   | 312        | 75     | 74        |
| Sept.....      | 2,939             | 3,019  | 135             | 672          | 765    | 178    | 60     | 597                 | 133   | 319        | 85     | 75        |
| Dec. 1.....    | 3,159             | 3,118  | 128             | 705          | 761    | 174    | 60     | 652                 | 141   | 327        | 86     | 85        |
|                | 3,138             | 3,118  | 128             | 705          | 767    | 174    | 60     | 653                 | 136   | 325        | 86     | 84        |
| 1972—Mar.....  | 3,093             | 3,191  | 129             | 713          | 787    | 175    | 60     | 665                 | 137   | 359        | 81     | 85        |
| June.....      | 3,300             | 3,255  | 108             | 713          | 797    | 188    | 61     | 671                 | 161   | 377        | 86     | 93        |
| Sept.....      | 3,448             | 3,235  | 128             | 695          | 805    | 177    | 63     | 661                 | 132   | 389        | 89     | 96        |
| Dec. 1.....    | 3,540             | 3,370  | 163             | 715          | 833    | 184    | 60     | 659                 | 156   | 406        | 87     | 109       |
|                | 3,864             | 3,480  | 187             | 758          | 857    | 187    | 64     | 702                 | 134   | 399        | 82     | 111       |
| 1973—Mar.....  | 4,022             | 3,622  | 151             | 816          | 871    | 165    | 63     | 794                 | 124   | 413        | 101    | 125       |
| June.....      | 4,008             | 3,696  | 174             | 823          | 882    | 146    | 65     | 817                 | 138   | 416        | 104    | 131       |
| Sept.....      | 4,255             | 3,855  | 211             | 840          | 884    | 152    | 71     | 829                 | 152   | 475        | 104    | 137       |

<sup>1</sup> Data on the two lines shown for this date differ because of changes in reporting coverage. Figures on the first line are comparable with those shown for the preceding date; figures on the second line are comparable with those shown for the following date.

**FOREIGN EXCHANGE RATES**

(In cents per unit of foreign currency)

| Period        | Australia<br>(dollar) | Austria<br>(schilling) | Belgium<br>(franc) | Canada<br>(dollar) | Denmark<br>(krone) | Finland<br>(markka) | France<br>(franc) | Germany<br>(Deutsche<br>mark) |
|---------------|-----------------------|------------------------|--------------------|--------------------|--------------------|---------------------|-------------------|-------------------------------|
| 1970.....     | 111.36                | 3.8659                 | 2.0139             | 95.802             | 13.334             | 23.742              | 18.087            | 27.424                        |
| 1971.....     | 113.61                | 4.0009                 | 2.0598             | 99.021             | 13.508             | 23.758              | 18.148            | 28.768                        |
| 1972.....     | 119.23                | 4.3228                 | 2.2716             | 100.937            | 14.384             | 24.022              | 19.825            | 31.364                        |
| 1973.....     | 141.94                | 5.1649                 | 2.5761             | 99.977             | 16.603             | 26.165              | 22.536            | 37.758                        |
| 1973—Jan..... | 127.16                | 4.3203                 | 2.2665             | 100.071            | 14.536             | 23.986              | 19.671            | 31.288                        |
| Feb.....      | 135.46                | 4.8582                 | 2.3981             | 100.440            | 15.386             | 24.728              | 20.987            | 33.273                        |
| Mar.....      | 141.29                | 4.8759                 | 2.5378             | 100.333            | 16.275             | 25.628              | 22.191            | 35.548                        |
| Apr.....      | 141.50                | 4.8330                 | 2.4895             | 99.928             | 16.099             | 25.872              | 21.959            | 35.252                        |
| May.....      | 141.50                | 4.9082                 | 2.5356             | 99.916             | 16.241             | 25.277              | 22.341            | 35.841                        |
| June.....     | 141.58                | 5.2408                 | 2.6643             | 100.160            | 17.130             | 26.731              | 23.472            | 38.786                        |
| July.....     | 141.78                | 5.8124                 | 2.8151             | 100.049            | 18.041             | 27.202              | 24.655            | 42.821                        |
| Aug.....      | 141.48                | 5.5917                 | 2.7035             | 99.605             | 17.521             | 27.314              | 23.527            | 41.219                        |
| Sept.....     | 146.83                | 5.5695                 | 2.7089             | 99.181             | 17.480             | 27.042              | 23.466            | 41.246                        |
| Oct.....      | 148.22                | 5.5871                 | 2.7328             | 99.891             | 17.692             | 27.202              | 23.718            | 41.428                        |
| Nov.....      | 148.22                | 5.2670                 | 2.5882             | 100.092            | 16.744             | 26.894              | 22.687            | 38.764                        |
| Dec.....      | 148.33                | 5.1150                 | 2.4726             | 100.058            | 16.089             | 26.104              | 21.757            | 37.629                        |
| 1974—Jan..... | 148.23                | 4.8318                 | 2.3329             | 100.859            | 14.981             | 25.138              | 19.905            | 35.529                        |

| Period        | India<br>(rupee) | Ireland<br>(pound) | Italy<br>(lira) | Japan<br>(yen) | Malaysia<br>(dollar) | Mexico<br>(peso) | Neth-<br>erlands<br>(guilder) | New<br>Zealand<br>(dollar) |
|---------------|------------------|--------------------|-----------------|----------------|----------------------|------------------|-------------------------------|----------------------------|
| 1970.....     | 13.233           | 239.59             | .15945          | .27921         | 32.396               | 8.0056           | 27.651                        | 111.48                     |
| 1971.....     | 13.338           | 244.42             | .16174          | .28779         | 32.989               | 8.0056           | 28.650                        | 113.71                     |
| 1972.....     | 13.246           | 250.08             | .17132          | .32995         | 35.610               | 8.0000           | 31.153                        | 119.35                     |
| 1973.....     | 12.071           | 245.10             | .17192          | .36915         | 40.988               | 8.0000           | 35.977                        | 136.04                     |
| 1973—Jan..... | 12.494           | 235.62             | .17079          | .33136         | 35.523               | 8.0000           | 31.084                        | 119.52                     |
| Feb.....      | 12.910           | 242.75             | .17421          | .36041         | 37.679               | 8.0000           | 33.119                        | 126.87                     |
| Mar.....      | 13.260           | 247.24             | .17604          | .38190         | 39.922               | 8.0000           | 34.334                        | 132.21                     |
| Apr.....      | 13.255           | 248.37             | .16971          | .37666         | 40.307               | 8.0000           | 33.890                        | 132.99                     |
| May.....      | 13.340           | 253.05             | .17100          | .37786         | 40.333               | 8.0000           | 34.488                        | 132.34                     |
| June.....     | 13.753           | 257.62             | .16792          | .37808         | 40.865               | 8.0000           | 36.582                        | 132.40                     |
| July.....     | 13.605           | 253.75             | .17200          | .37801         | 43.121               | 8.0000           | 38.700                        | 135.02                     |
| Aug.....      | 13.220           | 247.57             | .17423          | .37704         | 43.859               | 8.0000           | 37.596                        | 135.33                     |
| Sept.....     | 12.987           | 241.83             | .17691          | .37668         | 43.361               | 8.0000           | 38.542                        | 145.07                     |
| Oct.....      | 12.938           | 242.92             | .17656          | .37547         | 43.641               | 8.0000           | 40.011                        | 148.64                     |
| Nov.....      | 12.767           | 238.70             | .16904          | .35941         | 41.838               | 8.0000           | 37.267                        | 147.74                     |
| Dec.....      | 12.328           | 231.74             | .16458          | .35692         | 41.405               | 8.0000           | 35.615                        | 144.34                     |
| 1974—Jan..... | 11.854           | 222.40             | .15433          | .33559         | 40.094               | 8.0000           | 34.009                        | 139.08                     |

| Period        | Norway<br>(krone) | Portugal<br>(escudo) | South<br>Africa<br>(rand) | Spain<br>(peseta) | Sri Lanka <sup>1</sup><br>(rupee) | Sweden<br>(krona) | Switz-<br>erland<br>(franc) | United<br>King-<br>dom<br>(pound) |
|---------------|-------------------|----------------------|---------------------------|-------------------|-----------------------------------|-------------------|-----------------------------|-----------------------------------|
| 1970.....     | 13.992            | 3.4978               | 139.24                    | 1.4280            | 16.774                            | 19.282            | 23.199                      | 239.59                            |
| 1971.....     | 14.205            | 3.5456               | 140.29                    | 1.4383            | 16.800                            | 19.592            | 24.325                      | 244.42                            |
| 1972.....     | 15.180            | 3.7023               | 129.43                    | 1.5559            | 16.057                            | 21.022            | 26.193                      | 250.08                            |
| 1973.....     | 17.406            | 4.1080               | 143.88                    | 1.7178            | 15.705                            | 22.970            | 31.700                      | 245.10                            |
| 1973—Jan..... | 15.128            | 3.7280               | 127.55                    | 1.5755            | 14.904                            | 21.092            | 26.820                      | 235.62                            |
| Feb.....      | 16.038            | 3.8562               | 134.91                    | 1.6355            | 15.407                            | 21.935            | 29.326                      | 242.75                            |
| Mar.....      | 16.954            | 4.1005               | 141.43                    | 1.7183            | 15.774                            | 22.582            | 31.084                      | 247.24                            |
| Apr.....      | 16.428            | 3.9563               | 141.70                    | 1.7217            | 15.777                            | 22.161            | 30.821                      | 248.37                            |
| May.....      | 17.196            | 4.0050               | 141.65                    | 1.7224            | 15.883                            | 22.567            | 31.494                      | 253.05                            |
| June.....     | 18.192            | 4.2175               | 148.07                    | 1.7229            | 16.538                            | 23.746            | 32.757                      | 257.62                            |
| July.....     | 18.932            | 4.4624               | 148.63                    | 1.7385            | 16.431                            | 24.732            | 35.428                      | 253.75                            |
| Aug.....      | 18.145            | 4.3243               | 148.52                    | 1.7553            | 15.948                            | 24.070            | 33.656                      | 247.57                            |
| Sept.....     | 18.048            | 4.2784               | 148.50                    | 1.7610            | 15.768                            | 23.769            | 33.146                      | 241.83                            |
| Oct.....      | 18.285            | 4.3014               | 148.54                    | 1.7576            | 15.481                            | 23.942            | 33.019                      | 242.92                            |
| Nov.....      | 17.872            | 4.1155               | 148.45                    | 1.7479            | 15.503                            | 23.019            | 31.604                      | 238.70                            |
| Dec.....      | 17.651            | 3.9500               | 148.66                    | 1.7571            | 15.044                            | 22.026            | 31.252                      | 231.74                            |
| 1974—Jan..... | 16.739            | 3.7195               | 148.66                    | 1.7205            | 14.423                            | 20.781            | 29.727                      | 222.40                            |

<sup>1</sup> Ceylon renamed Sri Lanka under new constitution, 1972.

 NOTE.—Averages of certified noon buying rates in New York for cable transfers. For description of rates and back data, see "International Finance," Section 15 of *Supplement to Banking and Monetary Statistics*, 1962.

## CENTRAL BANK RATES FOR DISCOUNTS AND ADVANCES TO COMMERCIAL BANKS

(Per cent per annum)

| Country                      | Rate as of    |                 | Changes during the last 12 months |      |      |      |      |       |      |       |       |      |       |      | Rate as of Jan. 31, 1974 |
|------------------------------|---------------|-----------------|-----------------------------------|------|------|------|------|-------|------|-------|-------|------|-------|------|--------------------------|
|                              | Jan. 31, 1973 |                 |                                   |      |      |      |      |       |      |       |       |      |       |      |                          |
|                              | Per cent      | Month effective | Feb.                              | Mar. | Apr. | May  | June | July  | Aug. | Sept. | Oct.  | Nov. | Dec.  | Jan. |                          |
| Argentina.....               | 18.0          | Feb. 1972       |                                   |      |      |      |      |       |      |       |       |      |       |      | 18.0                     |
| Austria.....                 | 5.5           | Nov. 1972       |                                   |      |      |      |      | 6.0   |      |       |       |      |       |      | 6.0                      |
| Belgium.....                 | 5.0           | Dec. 1972       |                                   |      |      | 5.50 |      | 6.0   | 6.5  |       | 7.0   | 7.75 |       | 8.75 | 8.75                     |
| Brazil.....                  | 18.0          | Feb. 1972       |                                   |      |      |      |      |       |      |       |       |      |       |      | 18.0                     |
| Canada.....                  | 4.75          | Oct. 1971       |                                   |      | 5.25 | 5.75 | 6.25 |       | 6.75 |       |       |      |       |      | 6.75                     |
| Chile.....                   | 7.0           | Jan. 1972       |                                   |      |      |      |      |       |      |       |       |      |       |      | 7.0                      |
| China, Rep. of (Taiwan)..... | 9.25          | May 1971        |                                   |      |      |      |      | 10.5  |      |       | 10.75 |      |       |      | 10.75                    |
| Colombia.....                | 14.0          | May 1970        |                                   |      |      |      |      |       |      |       |       |      |       |      | 8.0                      |
| Costa Rica.....              | 5.0           | June 1966       |                                   |      |      |      |      |       |      |       |       |      |       |      | 5.0                      |
| Denmark.....                 | 7.0           | Oct. 1972       |                                   |      |      |      |      | 8.0   |      |       |       |      | 9.00  | 10.0 | 10.0                     |
| Ecuador.....                 | 8.0           | Jan. 1970       |                                   |      |      |      |      |       |      |       |       |      |       |      | 8.0                      |
| Egypt.....                   | 5.0           | May 1962        |                                   |      |      |      |      |       |      |       |       |      |       |      | 5.0                      |
| El Salvador.....             | 4.0           | Aug. 1964       |                                   |      |      |      |      |       |      |       |       |      |       |      | 4.0                      |
| Ethiopia.....                | 6.50          | Aug. 1970       |                                   |      |      |      |      |       |      |       |       |      |       |      | 6.50                     |
| Finland.....                 | 7.75          | Jan. 1972       |                                   |      |      |      |      | 9.25  |      |       |       |      |       |      | 9.25                     |
| France.....                  | 7.5           | Nov. 1972       |                                   |      |      |      |      | 8.50  | 9.5  | 11.0  |       |      |       |      | 11.0                     |
| Germany, Fed. Rep. of.....   | 5.0           | Jan. 1973       |                                   |      |      | 6.0  | 7.0  |       |      |       |       |      |       |      | 7.0                      |
| Ghana.....                   | 8.0           | July 1971       |                                   |      |      |      |      |       |      |       |       |      |       |      | 8.0                      |
| Greece.....                  | 6.5           | Sept. 1969      |                                   |      |      |      |      |       |      |       |       |      |       |      | 6.5                      |
| Honduras.....                | 4.0           | Feb. 1966       |                                   |      |      |      |      |       |      |       |       |      |       |      | 4.0                      |
| Iceland.....                 | 5.25          | Jan. 1966       |                                   |      |      |      |      |       |      |       |       |      |       |      | 5.25                     |
| India.....                   | 6.0           | Jan. 1971       |                                   |      |      | 7.0  |      |       |      |       |       |      |       |      | 7.0                      |
| Indonesia.....               | 6.0           | May 1969        |                                   |      |      |      |      |       |      |       |       |      |       |      | 6.0                      |
| Iran.....                    | 7.5           | Dec. 1972       |                                   |      |      |      |      |       | 9.0  |       |       |      |       |      | 9.0                      |
| Ireland.....                 | 8.75          | Jan. 1973       |                                   |      |      |      |      |       | 10.5 |       |       |      | 12.75 |      | 12.75                    |
| Italy.....                   | 4.0           | Apr. 1972       |                                   |      |      |      |      |       |      |       | 6.5   |      |       |      | 6.5                      |
| Jamaica.....                 | 7.0           | Jan. 1973       |                                   |      |      |      |      |       |      |       |       |      |       |      | 9.0                      |
| Japan.....                   | 4.25          | June 1972       |                                   |      | 5.0  | 5.5  |      | 6.0   | 7.0  |       |       |      | 9.00  | 9.0  | 9.00                     |
| Korea.....                   | 13.0          | Jan. 1972       |                                   |      |      |      |      |       |      |       |       |      |       |      | 13.0                     |
| Mexico.....                  | 4.5           | June 1942       |                                   |      |      |      |      |       |      |       |       |      |       |      | 4.5                      |
| Morocco.....                 | 3.5           | Nov. 1951       |                                   |      |      |      |      |       |      |       |       |      |       |      | 3.5                      |
| Netherlands.....             | 4.0           | Nov. 1972       |                                   |      |      |      | 5.0  | 6.0   | 6.5  |       | 7.0   |      | 8.00  |      | 8.00                     |
| New Zealand.....             | 6.0           | Mar. 1972       |                                   |      |      |      |      |       |      |       |       |      |       |      | 6.0                      |
| Nigeria.....                 | 4.5           | June 1968       |                                   |      |      |      |      |       |      |       |       |      |       |      | 4.5                      |
| Norway.....                  | 4.5           | Sept. 1969      |                                   |      |      |      |      |       |      |       |       |      |       |      | 4.5                      |
| Pakistan.....                | 6.0           | May 1972        |                                   |      |      |      |      |       |      | 8.0   |       |      |       |      | 8.0                      |
| Peru.....                    | 9.5           | Nov. 1959       |                                   |      |      |      |      |       |      |       |       |      |       |      | 9.5                      |
| Philippine Republic.....     | 10.0          | June 1969       |                                   |      |      |      |      |       |      |       |       |      |       |      | 10.0                     |
| Portugal.....                | 4.0           | Dec. 1972       |                                   |      | 5.5  |      |      |       |      |       |       |      | 5.00  |      | 5.00                     |
| South Africa.....            | 6.0           | Aug. 1972       |                                   |      |      |      |      |       |      |       |       |      |       | 6.5  | 6.5                      |
| Spain.....                   | 5.0           | Oct. 1971       |                                   |      |      |      |      |       | 6.0  |       |       |      |       |      | 6.0                      |
| Sri Lanka <sup>1</sup> ..... | 6.5           | Jan. 1970       |                                   |      |      |      |      |       |      |       |       |      |       |      | 6.5                      |
| Sweden.....                  | 5.0           | Nov. 1971       |                                   |      |      |      |      |       |      |       |       |      |       |      | 5.0                      |
| Switzerland.....             | 4.5           | Jan. 1973       |                                   |      |      |      |      |       |      |       |       |      |       | 5.5  | 5.5                      |
| Thailand.....                | 5.0           | Oct. 1959       |                                   |      |      |      |      |       |      |       |       |      |       |      | 5.0                      |
| Tunisia.....                 | 5.0           | Sept. 1966      |                                   |      |      |      |      |       |      |       |       |      |       |      | 5.0                      |
| Turkey.....                  | 9.0           | Sept. 1970      |                                   | 8.0  |      |      |      |       |      |       |       |      | 8.75  |      | 8.75                     |
| United Kingdom.....          | 8.75          | Jan. 1973       |                                   | 8.5  |      | 7.75 | 7.50 | 11.50 |      |       |       |      | 13.0  |      | 13.0                     |
| Venezuela.....               | 5.0           | Oct. 1970       |                                   |      |      |      |      |       |      |       |       |      |       |      | 5.0                      |
| Vietnam.....                 | 18.0          | Sept. 1970      |                                   |      |      |      |      |       |      |       |       |      |       |      | 18.0                     |

<sup>1</sup> Ceylon renamed Sri Lanka under new constitution, 1972.

NOTE.—Rates shown are mainly those at which the central bank either discounts or makes advances against eligible commercial paper and/or govt. securities for commercial banks or brokers. For countries with more than one rate applicable to such discounts or advances, the rate shown is the one at which it is understood the central bank transacts the largest proportion of its credit operations. Other rates for some of these countries follow:

*Argentina*—3 and 5 per cent for certain rural and industrial paper, depending on type of transaction;

*Brazil*—8 per cent for secured paper and 4 per cent for certain agricultural paper;

*Chile*—Various rates ranging from 1 per cent to 17 per cent; 20 per cent for loans to make up reserve deficiencies.

*Colombia*—5 per cent for warehouse receipts covering approved lists of products, 6 and 7 per cent for agricultural bonds, and 12 and 18 per cent for rediscounts in excess of an individual bank's quota;

*Costa Rica*—5 per cent for paper related to commercial transactions (rate shown is for agricultural and industrial paper);

*Ecuador*—5 per cent for special advances and for bank acceptances for agricultural purposes, 7 per cent for bank acceptances for industrial purposes, and 10 per cent for advances to cover shortages in legal reserves;

*Ethiopia*—5 per cent for export paper and 6 per cent for Treasury bills.

*Honduras*—Rate shown is for advances only.

*Indonesia*—Various rates depending on type of paper, collateral, commodity involved, etc.;

*Japan*—Penalty rates (exceeding the basic rate shown) for borrowings from the central bank in excess of an individual bank's quota;

*Morocco*—Various rates from 3 per cent to 4.6 per cent depending on type of paper, maturity, collateral, guarantee, etc.

*Peru*—3.5, 5, and 7 per cent for small credits to agricultural or fish production, import substitution industries and manufacture of exports; 8 per cent for other agricultural, industrial and mining paper;

*Philippines*—6 per cent for financing the production, importation, and distribution of rice and corn and 7.75 per cent for credits to enterprises engaged in export activities. Preferential rates are also granted on credits to rural banks; and

<sup>†</sup>*United Kingdom*—On Oct. 9, 1972, the Bank of England announced:

"With effect from Friday October 13th the Bank's minimum lending rate will until further notice be the average rate of discount for Treasury bills established at the most recent tender plus one half percent rounded to the nearest one quarter percent above. Although the rate will therefore be automatically determined by this formula it will for convenience be made known each Friday afternoon concurrently with and in the same manner as the results of the Treasury bill tender. The regular weekly bank rate announcement will be discontinued from now on." Therefore, the minimum lending rate as of last Friday of the month will be carried in place of Bank rate.

*Venezuela*—2 per cent for rediscounts of certain agriculture paper, 4½ per cent for advances against government bonds, and 5½ per cent for rediscounts of certain industrial paper and on advances against promissory notes or securities of first-class Venezuelan companies.

*Vietnam*—10 per cent for export paper; treasury bonds are rediscounted at a rate 4 percentage points above the rate carried by the bond; and there is a penalty rate of 24 per cent for banks whose loans exceed quantitative ceilings.

OPEN MARKET RATES

(Per cent per annum)

| Month         | Canada                                |                               | United Kingdom                          |                          |                  |  | France                        | Germany, Fed. Rep. of                   |                               | Netherlands              |                  | Switzerland           |
|---------------|---------------------------------------|-------------------------------|---|--------------------------|------------------|--|-------------------------------|---|-------------------------------|--------------------------|------------------|-----------------------|
|               | Treasury bills, 3 months <sup>1</sup> | Day-to-day money <sup>2</sup> | Prime bank bills, 3 months <sup>3</sup> | Treasury bills, 3 months | Day-to-day money | Clearing banks' deposit rates <sup>4</sup> | Day-to-day money <sup>5</sup> | Treasury bills, 60-90 days <sup>6</sup> | Day-to-day money <sup>7</sup> | Treasury bills, 3 months | Day-to-day money | Private discount rate |
| 1972.....     | 3.55                                  | 3.65                          | 6.06                                    | 5.02                     | 4.83             | 3.84                                       | .....                         | 3.04                                    | 4.30                          | 2.15                     | 1.97             | 4.81                  |
| 1973.....     | 5.43                                  | 5.27                          | 10.45                                   | 9.40                     | 8.27             | 7.96                                       | .....                         | .....                                   | 10.18                         | 4.07                     | 4.94             | .....                 |
| 1973-Jan..... | 3.79                                  | 3.72                          | 8.76                                    | 8.49                     | 7.66             | 6.55                                       | 7.23                          | 4.75                                    | 5.58                          | 3.16                     | 2.78             | 5.00                  |
| Feb.....      | 3.91                                  | 3.93                          | 9.34                                    | 8.14                     | 8.31             | 7.30                                       | 7.71                          | 5.75                                    | 2.18                          | 2.33                     | 1.55             | 5.00                  |
| Mar.....      | 4.28                                  | 4.21                          | 9.76                                    | 8.16                     | 7.52             | 7.50                                       | 7.49                          | 5.75                                    | 11.37                         | 1.53                     | .61              | 5.00                  |
| Apr.....      | 4.73                                  | 4.53                          | 8.64                                    | 7.87                     | 7.20             | 7.25                                       | 7.46                          | 5.75                                    | 14.84                         | 1.22                     | .77              | 5.00                  |
| May.....      | 5.08                                  | 4.67                          | 8.35                                    | 7.45                     | 8.29             | 7.11                                       | 7.71                          | 5.75                                    | 7.40                          | 2.89                     | 3.88             | 5.00                  |
| June.....     | 5.40                                  | 5.00                          | 8.14                                    | 7.12                     | 6.66             | 6.55                                       | 7.46                          | 7.00                                    | 10.90                         | 3.59                     | 4.28             | 5.00                  |
| July.....     | 5.67                                  | 5.28                          | 9.06                                    | 8.35                     | 5.89             | 6.25                                       | 7.89                          | 7.00                                    | 15.78                         | 5.58                     | 5.65             | 5.00                  |
| Aug.....      | 6.47                                  | 5.87                          | 12.78                                   | 10.98                    | 9.70             | 8.99                                       | 8.87                          | .....                                   | 10.63                         | 5.92                     | 7.24             | 5.00                  |
| Sept.....     | 6.41                                  | 6.31                          | 12.12                                   | 11.37                    | 9.13             | 9.50                                       | 9.73                          | .....                                   | 9.76                          | 5.67                     | 7.97             | 5.25                  |
| Oct.....      | 6.56                                  | 6.54                          | 11.37                                   | 10.75                    | 10.53            | 9.50                                       | 10.99                         | .....                                   | 10.57                         | 5.25                     | 7.93             | 5.25                  |
| Nov.....      | 6.48                                  | 6.56                          | 13.38                                   | 11.76                    | 8.80             | 9.50                                       | .....                         | .....                                   | 11.30                         | 5.29                     | 7.88             | 5.25                  |
| Dec.....      | 6.39                                  | 6.58                          | 13.74                                   | 12.41                    | 9.57             | 9.46                                       | .....                         | .....                                   | 11.89                         | 6.41                     | 8.75             | .....                 |
| 1974 Jan..... | 6.31                                  | 6.50                          | 13.67                                   | 12.09                    | 9.25             | 9.25                                       | .....                         | .....                                   | .....                         | .....                    | .....            | .....                 |

<sup>1</sup> Based on average yield of weekly tenders during month.  
<sup>2</sup> Based on weekly averages of daily closing rates.  
<sup>3</sup> Data for 1968 through Sept. 1971 are for bankers' acceptances, 3 months.  
<sup>4</sup> Data for 1968 through Sept. 1971 are for bankers' allowance on deposits.

<sup>5</sup> Rate shown is on private securities.  
<sup>6</sup> Rate in effect at end of month.  
<sup>7</sup> Monthly averages based on daily quotations.  
<sup>8</sup> Bill rates in table are buying rates for prime paper.  
 NOTE. For description and back data, see "International Finance," Section 15 of *Supplement to Banking and Monetary Statistics*, 1962.

ARBITRAGE ON TREASURY BILLS

(Per cent per annum)

| Date         | United States and United Kingdom              |               |                          |  |                                 | United States and Canada     |      |               |                          |   |                                 |
|--------------|---|---------------|--------------------------|--|---------------------------------|------------------------------|------|---------------|--------------------------|---|---------------------------------|
|              | Treasury bill rates                           |               |                          | Premium (+) or discount (-) on forward pound | Net incentive (favor of London) | Treasury bill rates          |      |               |                          | Premium (+) or discount (-) on forward Canadian dollars | Net incentive (favor of Canada) |
|              | United Kingdom (adj. to U.S. quotation basis) | United States | Spread (favor of London) |  |                                 | Canada                       |      | United States | Spread (favor of Canada) |   |                                 |
|              |   |               |                          |  | As quoted in Canada             | Adj. to U.S. quotation basis |      |               |                          |   |                                 |
| 1973         |   |               |                          |  |                                 |                              |      |               |                          |   |                                 |
| Aug. 3.....  | 10.63   | 8.18          | 2.45                     | -2.97  | -.52                            | 5.82                         | 5.66 | 8.18          | -2.52                    | 2.64  | .12                             |
| 10.....      | 10.76   | 8.76          | 2.00                     | -4.60  | -2.60                           | 5.99                         | 5.82 | 8.76          | -2.94                    | 2.88  | -.06                            |
| 17.....      | 10.78   | 8.47          | 2.31                     | -4.55  | -2.24                           | 6.05                         | 5.82 | 8.47          | -2.65                    | 2.69  | .04                             |
| 24.....      | 10.83   | 8.45          | 2.38                     | -4.88  | -2.50                           | 6.12                         | 5.95 | 8.45          | -2.50                    | 2.64  | .14                             |
| 31.....      | 10.82   | 8.53          | 2.29                     | -4.45  | -2.16                           | 8.38                         | 6.00 | 8.53          | -2.53                    | 2.58  | .05                             |
| Sept. 7..... | 10.84   | 8.77          | 2.07                     | -4.55  | -2.48                           | 6.22                         | 6.04 | 8.77          | -2.73                    | 2.26  | -.47                            |
| 14.....      | 10.80   | 8.75          | 2.05                     | -5.49  | -3.44                           | 6.42                         | 6.25 | 8.75          | -2.50                    | 2.06  | -.44                            |
| 21.....      | 10.83   | 8.00          | 2.83                     | -4.84  | 2.01                            | 6.48                         | 6.26 | 8.00          | 1.74                     | 1.89  | .15                             |
| 28.....      | 10.79   | 6.94          | 3.85                     | -4.52  | -.67                            | 6.50                         | 6.29 | 6.94          | 0.65                     | 1.37  | .72                             |
| Oct. 5.....  | 10.74   | 7.36          | 3.38                     | -3.73  | -.35                            | 6.68                         | 6.26 | 7.36          | -1.11                    | 1.41  | .30                             |
| 12.....      | 10.67   | 7.08          | 3.59                     | -3.56  | .03                             | 6.51                         | 6.29 | 7.08          | -.79                     | .46   | -.33                            |
| 19.....      | 10.56   | 6.98          | 3.58                     | -3.68  | .10                             | 6.53                         | 6.30 | 6.98          | -.68                     | .08   | -.60                            |
| 26.....      | 10.54   | 6.99          | 3.55                     | -4.08  | -.53                            | 6.51                         | 6.30 | 6.99          | -.69                     | -.70  | -1.39                           |
| Nov. 2.....  | 10.46   | 7.39          | 3.07                     | -3.79  | -.72                            | 6.53                         | 6.30 | 7.39          | -1.09                    | -.28  | -1.37                           |
| 9.....       | 10.57   | 8.01          | 2.56                     | -3.54  | -.98                            | 6.52                         | 6.33 | 8.01          | 1.68                     | -.06  | -1.74                           |
| 16.....      | 12.24   | 7.51          | 4.73                     | -5.11  | -.38                            | 6.47                         | 6.25 | 7.51          | -1.26                    | .18   | -1.08                           |
| 23.....      | 12.31   | 7.74          | 4.57                     | -5.92  | -1.35                           | 6.47                         | 6.23 | 7.74          | -1.51                    | .22   | -1.29                           |
| 30.....      | 12.28   | 7.32          | 4.76                     | -5.50  | -.54                            | 6.43                         | 6.22 | 7.32          | -1.10                    | .30   | -.80                            |
| Dec. 7.....  | 12.32   | 7.55          | 4.77                     | -5.47  | -0.70                           | 6.43                         | 6.23 | 7.55          | -1.32                    | 0.48  | -0.84                           |
| 14.....      | 12.29   | 7.49          | 4.80                     | -7.62  | -2.82                           | 6.38                         | 6.17 | 7.49          | -1.32                    | 0.04  | -1.28                           |
| 21.....      | 12.29   | 7.21          | 5.08                     | -6.76  | -1.68                           | 8.38                         | 6.17 | 7.21          | -1.04                    | 0.10  | -1.14                           |
| 28.....      | 12.25   | 7.36          | 4.89                     | -6.65  | 1.76                            | 6.36                         | 6.15 | 7.36          | 1.21                     | 0.24  | -1.45                           |
| 1974         |   |               |                          |  |                                 |                              |      |               |                          |   |                                 |
| Jan. 4.....  | 12.04   | 7.38          | 4.66                     | -7.44  | -2.78                           | 6.35                         | 6.13 | 7.38          | -1.25                    | .60   | -1.85                           |
| 11.....      | 12.04   | 7.75          | 4.29                     | -7.30  | -3.01                           | 6.32                         | 6.10 | 7.75          | -1.65                    | .22   | -1.87                           |
| 18.....      | 11.88   | 7.75          | 4.13                     | -7.69  | 3.56                            | 6.30                         | 6.10 | 7.75          | 1.65                     | .18   | -1.83                           |
| 25.....      | 11.86   | 7.92          | 3.94                     | -8.82  | 4.88                            | 6.26                         | 6.08 | 7.92          | 1.84                     | .....   | -1.84                           |

NOTE.—Treasury bills: All rates are on the latest issue of 91-day bills. U.S. and Canadian rates are market offer rates 11 a.m. Friday; U.K. rates are Friday opening market offer rates in London.  
 Premium or discount on forward pound and on forward Canadian dollar: Rates per annum computed on basis of midpoint quotations (between bid and offer) at 11 a.m. Friday in New York for both spot and forward pound sterling and for both spot and forward Canadian dollars.

All series: Based on quotations reported to F.R. Bank of New York by market sources.  
 For description of series and for back figures, see Oct. 1964 BULLETIN, pp. 1241-60. For description of adjustments to U.K. and Canadian Treasury bill rates, see notes to Table 1, p. 1257, and to Table 2, p. 1260, Oct. 1964 BULLETIN.

## GOLD RESERVES OF CENTRAL BANKS AND GOVERNMENTS

(In millions of dollars; valued at \$35 per fine ounce through Apr. 1972, at \$38 from May 1972–Sept. 1973, and at \$42.22 thereafter)

| End of period           | Estimated total world <sup>1</sup> | Intl. Monetary Fund | United States | Estimated rest of world | Algeria | Argentina | Australia | Austria | Belgium | Brazil | Burma | Canada | Chile |
|-------------------------|------------------------------------|---------------------|---------------|-------------------------|---------|-----------|-----------|---------|---------|--------|-------|--------|-------|
| 1965.....               | 243,230                            | 31,869              | 13,806        | 27,285                  | 6       | 66        | 223       | 700     | 1,558   | 63     | 84    | 1,151  | 44    |
| 1966.....               | 43,185                             | 2,652               | 13,235        | 27,300                  | 6       | 84        | 224       | 701     | 1,525   | 45     | 84    | 1,046  | 45    |
| 1967.....               | 41,600                             | 2,682               | 12,065        | 26,855                  | 155     | 84        | 231       | 701     | 1,480   | 45     | 84    | 1,015  | 45    |
| 1968.....               | 40,905                             | 2,288               | 10,892        | 27,725                  | 205     | 109       | 257       | 714     | 1,524   | 45     | 84    | 863    | 46    |
| 1969.....               | 41,015                             | 2,310               | 11,859        | 26,845                  | 205     | 135       | 263       | 715     | 1,520   | 45     | 84    | 872    | 47    |
| 1970.....               | 41,275                             | 4,339               | 11,072        | 25,865                  | 191     | 140       | 239       | 714     | 1,470   | 45     | 63    | 791    | 47    |
| 1971.....               | 41,160                             | 4,732               | 10,206        | 26,220                  | 192     | 90        | 259       | 729     | 1,544   | 46     | 22    | 792    | 47    |
| 1972—Dec.....           | 44,890                             | 5,830               | 10,487        | 28,575                  | 208     | 152       | 281       | 792     | 1,638   | 50     | 12    | 834    | ..... |
| 1973—Jan.....           | .....                              | 5,830               | 10,487        | .....                   | 208     | 152       | 281       | 793     | 1,621   | 50     | 12    | 834    | ..... |
| Feb.....                | .....                              | 5,830               | 10,487        | .....                   | 208     | 152       | 281       | 793     | 1,603   | 50     | 12    | 834    | ..... |
| Mar.....                | 44,880                             | 5,830               | 10,487        | 28,565                  | 208     | 152       | 282       | 793     | 1,603   | 50     | 12    | 834    | ..... |
| Apr.....                | .....                              | 5,830               | 10,487        | .....                   | 208     | 152       | 281       | 793     | 1,603   | 50     | 12    | 834    | ..... |
| May.....                | .....                              | 5,826               | 10,487        | .....                   | 208     | 152       | 281       | 793     | 1,603   | 50     | 12    | 834    | ..... |
| June.....               | 44,865                             | 5,831               | 10,487        | 28,545                  | 208     | 152       | 281       | 793     | 1,603   | 50     | 12    | 834    | ..... |
| July.....               | .....                              | 5,826               | 10,487        | .....                   | 208     | .....     | 281       | 793     | 1,603   | 50     | 12    | 834    | ..... |
| Aug.....                | .....                              | 5,826               | 10,487        | .....                   | 208     | .....     | 281       | 793     | 1,603   | 50     | 11    | 834    | ..... |
| Sept.....               | 44,880                             | 5,826               | 10,487        | 28,565                  | 208     | .....     | 282       | 793     | 1,603   | 50     | ..... | 834    | ..... |
| Oct.....                | .....                              | 6,474               | 11,652        | .....                   | 231     | .....     | 312       | 881     | 1,781   | 56     | ..... | 927    | ..... |
| Nov.....                | .....                              | 6,476               | 11,652        | .....                   | 231     | .....     | 312       | 881     | 1,781   | .....  | ..... | 927    | ..... |
| Dec. <sup>2</sup> ..... | .....                              | 6,478               | 11,652        | .....                   | 231     | .....     | 311       | 881     | 1,781   | .....  | ..... | 927    | ..... |

| End of period           | China, Rep. of (Taiwan) | Colombia | Denmark | Egypt | Finland | France | Germany, Fed. Rep. of | Greece | India | Iran | Iraq  | Ireland | Israel |
|-------------------------|-------------------------|----------|---------|-------|---------|--------|-----------------------|--------|-------|------|-------|---------|--------|
| 1965.....               | 55                      | 35       | 97      | 1     | 84      | 4,706  | 4,410                 | 78     | 281   | 146  | 110   | 21      | 56     |
| 1966.....               | 62                      | 26       | 108     | 93    | 45      | 5,238  | 4,292                 | 120    | 243   | 130  | 106   | 23      | 46     |
| 1967.....               | 81                      | 31       | 107     | 93    | 45      | 5,234  | 4,228                 | 130    | 243   | 144  | 115   | 25      | 46     |
| 1968.....               | 81                      | 31       | 114     | 93    | 45      | 3,877  | 4,539                 | 140    | 243   | 158  | 193   | 79      | 46     |
| 1969.....               | 82                      | 26       | 89      | 93    | 45      | 3,547  | 4,079                 | 130    | 243   | 158  | 193   | 39      | 46     |
| 1970.....               | 82                      | 17       | 64      | 85    | 29      | 3,532  | 3,980                 | 117    | 243   | 131  | 144   | 16      | 43     |
| 1971.....               | 80                      | 14       | 64      | 85    | 49      | 3,523  | 4,077                 | 98     | 243   | 131  | 144   | 16      | 43     |
| 1972—Dec.....           | 87                      | 16       | 69      | 92    | 53      | 3,826  | 4,459                 | 133    | 264   | 142  | 156   | 17      | 43     |
| 1973—Jan.....           | 87                      | 16       | 69      | 92    | 53      | 3,834  | 4,468                 | 133    | 264   | 142  | 156   | 17      | 41     |
| Feb.....                | 87                      | 16       | 69      | 92    | 53      | 3,834  | 4,468                 | 133    | 264   | 142  | 156   | 17      | 41     |
| Mar.....                | 87                      | 16       | 69      | 92    | 53      | 3,834  | 4,468                 | 133    | 264   | 142  | 156   | 17      | 41     |
| Apr.....                | 87                      | 16       | 69      | 92    | 53      | 3,834  | 4,468                 | 133    | 264   | 142  | 156   | 17      | 41     |
| May.....                | 87                      | 16       | 69      | 92    | 53      | 3,834  | 4,469                 | 133    | 264   | 142  | 156   | 17      | 41     |
| June.....               | 87                      | 16       | 69      | 92    | 53      | 3,841  | 4,462                 | 133    | 264   | 142  | 156   | 17      | 41     |
| July.....               | 87                      | 16       | 69      | 92    | 53      | 3,835  | 4,469                 | 133    | 264   | 142  | 156   | 17      | 41     |
| Aug.....                | 87                      | 16       | 69      | 92    | 53      | 3,835  | 4,469                 | 133    | 264   | 142  | 156   | 17      | 41     |
| Sept.....               | 87                      | 16       | 69      | 92    | 53      | 3,835  | 4,469                 | 133    | 264   | 142  | 156   | 17      | 41     |
| Oct.....                | 97                      | 18       | 77      | 103   | 59      | 4,261  | 4,966                 | 148    | ..... | 158  | 173   | 19      | .....  |
| Nov.....                | 97                      | 18       | 77      | ..... | 42      | 4,261  | 4,966                 | 148    | ..... | 158  | 173   | 18      | .....  |
| Dec. <sup>2</sup> ..... | .....                   | 18       | 77      | ..... | 35      | 4,261  | 4,966                 | .....  | ..... | 158  | ..... | 18      | .....  |

| End of period           | Italy | Japan | Kuwait | Lebanon | Libya | Malaysia | Mexico | Morocco | Netherlands | Norway | Pakistan | Peru  | Philippines |
|-------------------------|-------|-------|--------|---------|-------|----------|--------|---------|-------------|--------|----------|-------|-------------|
| 1965.....               | 2,404 | 328   | 52     | 182     | 68    | 2        | 158    | 21      | 1,756       | 31     | 53       | 67    | 38          |
| 1966.....               | 2,414 | 329   | 67     | 193     | 68    | 1        | 109    | 21      | 1,730       | 18     | 53       | 65    | 44          |
| 1967.....               | 2,400 | 338   | 136    | 193     | 68    | 31       | 166    | 21      | 1,711       | 18     | 53       | 20    | 60          |
| 1968.....               | 2,923 | 356   | 122    | 288     | 85    | 66       | 165    | 21      | 1,697       | 24     | 54       | 20    | 62          |
| 1969.....               | 2,956 | 413   | 86     | 288     | 85    | 63       | 169    | 21      | 1,720       | 25     | 54       | 25    | 45          |
| 1970.....               | 2,887 | 532   | 86     | 288     | 85    | 48       | 176    | 21      | 1,787       | 23     | 54       | 40    | 56          |
| 1971.....               | 2,884 | 679   | 87     | 322     | 85    | 58       | 184    | 21      | 1,909       | 33     | 55       | 40    | 67          |
| 1972—Dec.....           | 3,130 | 801   | 94     | 350     | 93    | 63       | 188    | 23      | 2,059       | 37     | 60       | 41    | 71          |
| 1973—Jan.....           | 3,134 | 801   | 94     | 350     | 93    | 63       | 188    | 23      | 2,059       | 37     | 60       | 41    | 71          |
| Feb.....                | 3,134 | 801   | 94     | 350     | 93    | 63       | 188    | 23      | 2,059       | 37     | 60       | 41    | 71          |
| Mar.....                | 3,134 | 801   | 94     | 350     | 93    | 63       | 188    | 23      | 2,059       | 37     | 60       | 41    | 71          |
| Apr.....                | 3,134 | 801   | 94     | 350     | 93    | 63       | 188    | 23      | 2,059       | 37     | 60       | 41    | 50          |
| May.....                | 3,134 | 802   | .....  | 350     | 93    | 63       | 188    | 23      | 2,059       | 37     | 60       | 41    | 50          |
| June.....               | 3,134 | 802   | .....  | 350     | 93    | 63       | 186    | 23      | 2,063       | 37     | 60       | 41    | 40          |
| July.....               | 3,134 | 802   | .....  | 350     | 93    | 63       | 184    | 23      | 2,063       | 37     | 60       | 41    | 40          |
| Aug.....                | 3,134 | 802   | .....  | 350     | 93    | 63       | 182    | 23      | 2,065       | 37     | 60       | 41    | 40          |
| Sept.....               | 3,134 | 802   | .....  | 350     | 93    | 63       | 179    | 23      | 2,065       | 37     | 60       | 41    | 40          |
| Oct.....                | 3,483 | 891   | .....  | 388     | 103   | 70       | .....  | 26      | 2,294       | 41     | 67       | 46    | 45          |
| Nov.....                | 3,483 | 891   | .....  | 388     | 103   | .....    | .....  | 26      | 2,294       | 41     | 67       | ..... | 45          |
| Dec. <sup>2</sup> ..... | 3,483 | 891   | .....  | 389     | 103   | .....    | .....  | .....   | 2,294       | 41     | 67       | ..... | 45          |

For notes see end of table.

**GOLD RESERVES OF CENTRAL BANKS AND GOVERNMENTS—Continued**

(In millions of dollars; valued at \$35 per fine ounce through Apr. 1972, at \$38 from May 1972–Sept. 1973, and at \$42.22 thereafter)

| End of period | Portugal | Saudi Arabia | South Africa | Spain | Sweden | Switzerland | Thailand | Turkey | United Kingdom | Uruguay | Venezuela | Yugoslavia | Bank for Intl. Settlements <sup>4</sup> |
|---------------|----------|--------------|--------------|-------|--------|-------------|----------|--------|----------------|---------|-----------|------------|---|
| 1965.....     | 576      | 73           | 425          | 810   | 202    | 3,042       | 96       | 116    | 2,265          | 155     | 401       | 19         | -558                                    |
| 1966.....     | 643      | 69           | 637          | 785   | 203    | 2,842       | 92       | 102    | 1,940          | 146     | 401       | 21         | -424                                    |
| 1967.....     | 699      | 69           | 583          | 785   | 203    | 3,089       | 92       | 97     | 1,291          | 140     | 401       | 22         | -624                                    |
| 1968.....     | 856      | 119          | 1,243        | 785   | 225    | 2,624       | 92       | 97     | 1,474          | 133     | 403       | 50         | -349                                    |
| 1969.....     | 876      | 119          | 1,115        | 784   | 226    | 2,642       | 92       | 117    | 1,471          | 165     | 403       | 51         | -480                                    |
| 1970.....     | 902      | 119          | 666          | 498   | 200    | 2,732       | 92       | 126    | 1,349          | 162     | 384       | 52         | -282                                    |
| 1971.....     | 921      | 108          | 410          | 498   | 200    | 2,909       | 82       | 130    | 775            | 148     | 391       | 51         | 310                                     |
| 1972—Dec..... | 1,021    | 117          | 681          | 541   | 217    | 3,158       | 89       | 136    | 800            | 133     | 425       | 56         | 218                                     |
| 1973—Jan..... | 1,022    | 117          | 706          | 542   | 220    | 3,162       | 89       | 136    | 810            | 133     | 425       | 56         | 218                                     |
| Feb.....      | 1,022    | 117          | 711          | 542   | 220    | 3,162       | 89       | 136    | 810            | 133     | 425       | 56         | 214                                     |
| Mar.....      | 1,022    | 117          | 714          | 542   | 220    | 3,162       | 89       | 136    | 810            | 133     | 425       | 56         | 214                                     |
| Apr.....      | 1,022    | 117          | 720          | 542   | 220    | 3,162       | 89       | 136    | 810            | 133     | 425       | 56         | 214                                     |
| May.....      | 1,022    | 117          | 721          | 542   | 220    | 3,162       | 89       | 136    | 810            | 133     | 425       | 56         | 199                                     |
| June.....     | 1,022    | 117          | 724          | 542   | 220    | 3,162       | 89       | 136    | 810            | 133     | 425       | 56         | 205                                     |
| July.....     | 1,022    | 117          | 734          | 542   | 220    | 3,162       | 89       | 136    | 810            | 133     | 425       | 56         | 204                                     |
| Aug.....      | 1,035    | 117          | 740          | 542   | 220    | 3,162       | 89       | 136    | 797            | 133     | 425       | 56         | 205                                     |
| Sept.....     | 1,036    | 116          | 738          | 542   | 220    | 3,162       | 89       | 136    | 797            | 133     | 425       | 56         | 213                                     |
| Oct.....      | 1,154    | 129          | 820          | 602   | 244    | 3,512       | 99       | 151    | .....          | 148     | 472       | 61         | 227                                     |
| Nov.....      | 1,159    | 129          | 809          | 602   | 244    | 3,513       | 99       | 151    | .....          | .....   | 472       | 61         | 237                                     |
| Dec.....      | .....    | 129          | 802          | ..... | 244    | 3,513       | 99       | .....  | .....          | .....   | 472       | 62         | 235                                     |

<sup>1</sup> Includes reported or estimated gold holdings of international and regional organizations, central banks and govts. of countries listed in this table, and also of a number not shown separately here, and gold to be distributed by the Tripartite Commission for the Restitution of Monetary Gold; excludes holdings of the U.S.S.R., other Eastern European countries, and China Mainland.

The figures included for the Bank for International Settlements are the Bank's gold assets net of gold deposit liabilities. This procedure avoids the overstatement of total world gold reserves since most of the gold deposited with the BIS is included in the gold reserves of individual countries.

<sup>2</sup> Adjusted to include gold subscription payments to the IMF made by

some member countries in anticipation of increase in Fund quotas, except those matched by gold mitigation deposits with the United States and United Kingdom; adjustment is \$270 million.

<sup>3</sup> Excludes gold subscription payments made by some member countries in anticipation of increase in Fund quotas; for most of these countries the increased quotas became effective in Feb. 1966.

<sup>4</sup> Net gold assets of BIS, i.e., gold in bars and coins and other gold assets minus gold deposit liabilities.

NOTE.— For back figures and description of the data in this and the following tables on gold (except production), see "Gold," Section 14 of *Supplement to Banking and Monetary Statistics*, 1962.

**GOLD PRODUCTION**

(In millions of dollars; valued at \$35 per fine ounce through 1971, at \$38 through Sept. 1973, and at \$42.22 thereafter)

| Period                  | World production <sup>1</sup> | Africa       |       |       | North and South America |        |        |           |          | Asia  |       |             | Other     |                        |
|-------------------------|-------------------------------|--------------|-------|-------|-------------------------|--------|--------|-----------|----------|-------|-------|-------------|-----------|------------------------|
|                         |                               | South Africa | Ghana | Zaire | United States           | Canada | Mexico | Nicaragua | Colombia | India | Japan | Philippines | Australia | All other <sup>1</sup> |
| 1966.....               | 1,445.0                       | 1,080.8      | 24.0  | 5.6   | 63.1                    | 114.6  | 7.5    | 5.2       | 9.8      | 4.2   | 19.4  | 15.8        | 32.1      | 62.9                   |
| 1967.....               | 1,410.0                       | 1,068.7      | 26.7  | 5.4   | 53.4                    | 103.7  | 5.8    | 5.2       | 9.0      | 3.4   | 23.7  | 17.2        | 28.4      | 59.4                   |
| 1968.....               | 1,420.0                       | 1,088.0      | 25.4  | 5.9   | 53.9                    | 94.1   | 6.2    | 4.9       | 8.4      | 4.0   | 21.5  | 18.5        | 27.6      | 61.6                   |
| 1969.....               | 1,420.0                       | 1,090.7      | 24.8  | 6.0   | 60.1                    | 89.1   | 6.3    | 3.7       | 7.7      | 3.4   | 23.7  | 20.0        | 24.5      | 60.0                   |
| 1970.....               | 1,450.0                       | 1,128.0      | 24.6  | 6.2   | 63.5                    | 84.3   | 6.9    | 4.0       | 7.1      | 3.7   | 24.8  | 21.1        | 21.7      | 54.1                   |
| 1971 <sup>2</sup> ..... | .....                         | 1,098.7      | 24.4  | 6.0   | 52.3                    | 79.1   | 5.3    | 3.7       | 6.6      | 4.1   | 27.0  | 22.2        | 23.5      | .....                  |
| 1972 <sup>2</sup> ..... | .....                         | 1,109.8      | 27.5  | 5.3   | 54.3                    | 77.2   | 5.6    | 3.0       | 7.1      | 4.0   | 32.2  | 23.0        | 28.7      | .....                  |
| 1972—Nov.....           | .....                         | 91.5         | ..... | ..... | .....                   | 6.0    | .....  | .5        | .....    | .7    | ..... | .....       | .....     | 2.0                    |
| Dec.....                | .....                         | 84.3         | ..... | ..... | .....                   | 6.3    | .....  | .....     | .5       | .3    | ..... | .....       | .....     | 1.9                    |
| 1973—Jan.....           | .....                         | 88.2         | ..... | ..... | .....                   | 6.2    | .....  | .....     | .8       | .3    | ..... | .....       | .....     | 2.4                    |
| Feb.....                | .....                         | 86.5         | ..... | ..... | .....                   | 6.1    | .....  | .....     | .5       | .3    | ..... | .....       | .....     | 1.8                    |
| Mar.....                | .....                         | 88.5         | ..... | ..... | .....                   | 6.3    | .....  | .....     | .5       | .4    | ..... | .....       | .....     | .....                  |
| Apr.....                | .....                         | 86.6         | ..... | ..... | .....                   | 6.2    | .....  | .....     | .6       | .2    | ..... | .....       | .....     | .....                  |
| May.....                | .....                         | 86.0         | ..... | ..... | .....                   | 6.8    | .....  | .....     | .6       | .3    | ..... | .....       | .....     | .....                  |
| June.....               | .....                         | 87.6         | ..... | ..... | .....                   | 6.4    | .....  | .....     | .6       | ..... | ..... | .....       | .....     | .....                  |
| July.....               | .....                         | 88.3         | ..... | ..... | .....                   | 5.4    | .....  | .....     | .8       | ..... | ..... | .....       | .....     | .....                  |
| Aug.....                | .....                         | 90.2         | ..... | ..... | .....                   | 5.6    | .....  | .....     | .9       | ..... | ..... | .....       | .....     | .....                  |
| Sept.....               | .....                         | 88.2         | ..... | ..... | .....                   | 5.7    | .....  | .....     | .....    | ..... | ..... | .....       | .....     | .....                  |
| Oct.....                | .....                         | 97.5         | ..... | ..... | .....                   | 5.7    | .....  | .....     | .....    | ..... | ..... | .....       | .....     | .....                  |
| Nov.....                | .....                         | .....        | ..... | ..... | .....                   | 6.4    | .....  | .....     | .....    | ..... | ..... | .....       | .....     | .....                  |

<sup>1</sup> Estimated; excludes U.S.S.R., other Eastern European countries, China Mainland, and North Korea.



## EARNINGS AND EXPENSES

(In

| Item   | Total         | Boston      | New York      | Philadelphia | Cleveland   | Richmond    | Atlanta     |
|--|---------------|-------------|---------------|--------------|-------------|-------------|-------------|
| <b>Current savings</b>   |               |             |               |              |             |             |             |
| Loans.....   | 109,430,582   | 7,614,050   | 21,586,856    | 6,449,366    | 7,136,299   | 10,025,720  | 10,801,593  |
| Acceptances.....   | 7,710,730     |             | 7,710,730     |              |             |             |             |
| U.S. Govt. securities.....   | 4,896,508,414 | 221,873,896 | 1,317,088,878 | 257,976,379  | 362,859,741 | 351,002,336 | 262,347,634 |
| Foreign currencies.....  | 449,269       | 19,313      | 117,203       | 22,568       | 40,969      | 23,341      | 31,080      |
| All other.....   | 2,670,335     | 41,203      | 1,302,998     | 57,169       | 146,103     | 66,264      | 156,360     |
| Total.....   | 5,016,769,330 | 229,548,462 | 1,347,806,665 | 264,505,482  | 370,183,112 | 361,117,661 | 273,336,667 |
| <b>Current expenses</b>  |               |             |               |              |             |             |             |
| <b>Salaries:</b>   |               |             |               |              |             |             |             |
| Officers.....  | 16,892,190    | 1,107,634   | 3,476,858     | 1,086,768    | 1,006,540   | 1,528,856   | 1,348,376   |
| Employees.....   | 216,323,791   | 14,518,976  | 53,098,352    | 10,843,787   | 13,586,409  | 17,337,798  | 18,000,906  |
| Retirement and other benefits.....                                   | 40,570,742    | 2,885,313   | 9,429,129     | 2,011,831    | 2,601,051   | 3,180,147   | 3,287,320   |
| Fees—Directors and others.....                                       | 4,608,281     | 185,955     | 1,779,944     | 332,557      | 298,554     | 177,837     | 255,526     |
| Traveling expenses.....  | 5,086,323     | 379,504     | 827,678       | 193,977      | 327,934     | 375,025     | 548,250     |
| Postage and expressage.....  | 57,449,988    | 3,300,495   | 7,633,417     | 2,636,908    | 5,306,387   | 6,106,261   | 6,621,759   |
| Telephone and telegraph.....   | 5,587,862     | 292,938     | 1,071,178     | 207,548      | 330,810     | 472,267     | 721,919     |
| Printing and supplies.....   | 19,408,840    | 1,195,504   | 3,576,248     | 1,012,778    | 1,008,073   | 1,899,273   | 2,359,483   |
| Insurance.....   | 804,110       | 52,000      | 157,995       | 30,030       | 70,233      | 65,880      | 70,491      |
| Taxes on real estate.....  | 11,171,872    | 2,561,346   | 1,682,808     | 202,715      | 721,433     | 357,237     | 524,613     |
| Depreciation.....  | 6,591,264     | 136,156     | 534,138       | 76,596       | 1,396,913   | 520,198     | 648,539     |
| Light, heat, power, and water.....                                   | 4,595,244     | 265,999     | 814,385       | 188,610      | 620,766     | 358,818     | 375,905     |
| Maintenance and repairs.....   | 3,233,478     | 276,420     | 847,873       | 173,246      | 221,426     | 334,550     | 211,686     |
| Rent.....  | 5,264,156     | 1,049,445   | 2,791,266     | 297,848      | 154,226     | 143,821     | 488,289     |
| Furniture and equipment:   |               |             |               |              |             |             |             |
| Purchases.....   | 10,485,160    | 474,745     | 4,139,253     | 415,833      | 549,458     | 415,311     | 1,156,925   |
| Rentals.....   | 31,179,000    | 2,399,252   | 5,009,411     | 2,088,790    | 2,522,270   | 2,641,286   | 2,619,107   |
| All other.....   | 9,197,533     | 865,377     | 2,178,213     | 568,669      | 561,762     | 370,309     | 797,885     |
| Inter-Office expenses <sup>#</sup> .....                             | -1,951        | 99,417      | -1,454,992    | 118,000      | 217,461     | -285,961    | 202,971     |
| Subtotal.....  | 448,447,898   | 32,046,476  | 97,593,154    | 22,486,491   | 31,501,676  | 35,998,913  | 40,239,950  |
| F.R. currency.....   | 33,826,295    | 1,580,049   | 6,237,084     | 2,052,861    | 2,078,256   | 3,500,418   | 3,569,407   |
| Assessments for Board and Governors:                                 |               |             |               |              |             |             |             |
| Operating expenses.....  | 27,193,200    | 1,857,600   | 11,498,900    | 2,192,099    | 4,008,800   | 2,355,300   | 3,131,800   |
| Construction expenses.....   | 17,218,500    |             |               |              |             |             |             |
| Total.....   | 526,685,898   | 35,484,125  | 115,329,138   | 26,731,451   | 37,588,752  | 41,854,631  | 46,741,157  |
| Less reimbursement for certain fiscal agency and other expenses..... | 31,568,524    | 1,758,482   | 6,481,055     | 1,396,991    | 2,732,466   | 1,971,469   | 2,776,124   |
| Net expenses.....  | 495,117,374   | 33,725,643  | 108,848,083   | 25,334,460   | 34,856,286  | 39,883,162  | 44,165,033  |
| <b>Profit and loss</b>   |               |             |               |              |             |             |             |
| Current net earnings.....  | 4,521,651,953 | 195,822,819 | 1,238,958,852 | 239,171,021  | 335,326,826 | 321,234,499 | 229,171,632 |
| Additions to current net earnings:                                   |               |             |               |              |             |             |             |
| All other.....   | 2,336,124     | 84,751      | 503,461       | 71,440       | 899,838     | 95,140      | 102,827     |
| Total additions.....   | 2,336,124     | 84,751      | 503,461       | 71,440       | 899,838     | 95,140      | 102,827     |
| Deductions from current net earnings:                                |               |             |               |              |             |             |             |
| Losses on sales of U.S. Govt. securities.....                        | 35,241,103    | 1,600,658   | 9,281,164     | 1,894,162    | 2,625,734   | 2,529,866   | 1,869,963   |
| Losses on foreign exchange transactions.....                         | 47,416,528    | 1,991,494   | 12,375,714    | 2,323,410    | 4,314,904   | 2,465,659   | 3,319,157   |
| All other.....   | 331,981       | 30,248      | 60,105        | 24,406       | 4,904       | 52,397      | 35,642      |
| Total deductions.....  | 82,989,612    | 3,622,400   | 21,716,983    | 4,241,978    | 6,945,542   | 5,047,922   | 5,224,762   |
| Net deduction from (-) current net earnings.....                     | 80,653,489    | -3,537,648  | -21,213,522   | -4,170,538   | -6,045,704  | -4,952,782  | -5,121,935  |
| Net earnings before payments to U.S. Treasury.....                   | 4,440,998,464 | 192,285,170 | 1,217,745,060 | 235,000,484  | 329,281,122 | 316,281,717 | 224,049,697 |
| Dividends paid.....  | 49,139,683    | 2,018,707   | 12,549,890    | 2,416,994    | 4,400,130   | 2,684,548   | 3,565,229   |
| Payments to U.S. Treasury (interest on F.R. notes).....              | 4,340,683,483 | 189,416,364 | 1,196,836,370 | 229,888,440  | 322,347,692 | 308,264,120 | 213,799,618 |
| Transferred to surplus.....  | 51,178,300    | 850,100     | 8,358,800     | 2,695,050    | 2,533,300   | 5,333,050   | 6,684,850   |
| Surplus, January 1.....  | 792,845,050   | 33,507,650  | 206,603,950   | 38,896,550   | 71,794,750  | 41,564,950  | 55,319,550  |
| Surplus, December 31.....  | 844,023,350   | 34,357,750  | 214,962,750   | 41,591,600   | 74,328,050  | 46,898,000  | 62,004,400  |

<sup>#</sup> Preliminary.

NOTE.—Details may not add to totals because of rounding.

OF FEDERAL RESERVE BANKS

(dollars)

| Chicago   | St. Louis   | Minneapolis | Kansas City | Dallas      | San Francisco | Item   |
|---|-------------|-------------|-------------|-------------|---------------|--|
| <b>Current savings</b>  |             |             |             |             |               |  |
| 16,287,284  | 3,498,812   | 1,792,426   | 7,686,648   | 6,247,513   | 10,304,015    | Loans  |
| 778,388,289   | 177,084,559 | 97,099,794  | 192,124,993 | 212,600,020 | 666,061,895   | Acceptances  |
| 69,226  | 15,194      | 10,307      | 18,949      | 24,403      | 56,716        | U.S. Govt. securities                              |
| 285,432   | 74,396      | 237,953     | 102,363     | 87,053      | 113,041       | Foreign currencies                                 |
|   |             |             |             |             |               | All other  |
| 795,030,231   | 180,672,961 | 99,140,480  | 199,932,953 | 218,958,989 | 676,535,667   | Total  |
| <b>Current expenses</b>   |             |             |             |             |               |  |
| Salaries:   |             |             |             |             |               |  |
| 1,571,595   | 1,226,757   | 882,159     | 1,171,780   | 1,007,557   | 1,479,915     | Officers   |
| 28,160,993  | 12,360,012  | 8,249,664   | 12,250,077  | 10,425,002  | 17,489,210    | Employees  |
| 5,181,768   | 2,366,508   | 1,520,526   | 2,300,532   | 2,028,838   | 3,777,779     | Retirement and other benefits                      |
| 377,240   | 159,108     | 398,051     | 130,434     | 126,096     | 386,979       | Fees—Directors and others                          |
| 563,535   | 295,997     | 356,201     | 330,531     | 298,346     | 589,345       | Traveling expenses                                 |
| 7,089,704   | 4,176,730   | 2,390,366   | 3,494,289   | 3,102,343   | 5,591,329     | Postage and expressage                             |
| 676,156   | 312,988     | 241,981     | 495,570     | 426,825     | 337,682       | Telephone and telegraph                            |
| 2,496,245   | 1,333,844   | 782,933     | 1,231,870   | 902,453     | 1,610,136     | Printing and supplies                              |
| 76,030  | 57,162      | 30,025      | 56,791      | 42,327      | 95,162        | Insurance  |
| 1,533,729   | 443,345     | 1,467,177   | 548,252     | 407,119     | 722,098       | Taxes on real estate                               |
| 633,065   | 831,327     | 361,520     | 831,182     | 339,131     | 282,499       | Depreciation                                       |
| 553,448   | 345,631     | 222,117     | 381,272     | 212,520     | 255,773       | Light, heat, power, and water                      |
| 260,239   | 320,566     | 104,158     | 119,677     | 94,385      | 269,252       | Maintenance and repairs                            |
| 276,246   | 45,070      | 217         | 12,380      | 3,036       | 2,312         | Rent   |
| Furniture and equipment:  |             |             |             |             |               |  |
| 922,730   | 341,717     | 500,977     | 554,702     | 509,532     | 503,977       | Purchases  |
| 4,117,375   | 1,681,897   | 1,282,771   | 2,383,100   | 2,004,271   | 2,429,479     | Rentals  |
| 1,508,117   | 254,557     | 426,996     | 362,823     | 799,018     | 503,807       | All other  |
| 382,557   | 95,388      | 63,219      | 113,312     | 141,457     | 305,220       | Inter-Office expenses <sup>#</sup>                 |
| 56,380,772  | 26,648,604  | 19,281,058  | 26,768,574  | 22,870,256  | 36,631,954    | Subtotal   |
| 3,927,084   | 1,593,075   | 842,609     | 1,976,685   | 1,865,504   | 4,603,267     | F.R. currency                                      |
| Assessments for Board of Governors:                             |             |             |             |             |               |  |
| 6,961,600   | 1,508,800   | 1,023,500   | 1,866,300   | 2,422,502   | 5,584,500     | Operating expenses                                 |
|   |             |             |             |             |               | Construction expenses                              |
| 67,269,456  | 29,750,479  | 21,147,167  | 30,611,559  | 27,185,262  | 46,819,721    | Total  |
| Less reimbursement for certain fiscal agency and other expenses |             |             |             |             |               |  |
| 5,315,358   | 1,958,990   | 892,736     | 2,100,513   | 974,748     | 3,209,592     |  |
| 61,954,098  | 27,791,489  | 20,254,431  | 28,511,046  | 26,183,514  | 43,610,129    | Net expenses                                       |
| <b>Profit and loss</b>  |             |             |             |             |               |  |
| 733,076,133   | 152,881,473 | 78,886,049  | 171,421,907 | 192,775,474 | 632,925,538   | Current net earnings                               |
| Additions to current net earnings:                              |             |             |             |             |               |  |
| 145,672   | 61,838      | 69,899      | 96,446      | 81,479      | 123,333       | All other  |
| 145,672   | 61,838      | 69,899      | 96,446      | 81,479      | 123,333       | Total additions                                    |
| Deductions from current net earnings:                           |             |             |             |             |               |  |
| 5,659,178   | 1,292,199   | 700,901     | 1,416,118   | 1,546,151   | 4,825,009     | Losses on sales of U.S. Govt. securities           |
| 7,444,395   | 1,612,162   | 1,090,580   | 1,991,494   | 2,560,493   | 5,927,066     | Losses on foreign exchange transactions            |
| 30,350  | 19,269      | 16,762      | 12,966      | 37,724      | 7,208         | All other  |
| 13,133,923  | 2,923,630   | 1,808,243   | 3,420,578   | 4,144,368   | 10,759,283    | Total deductions                                   |
| -12,988,251   | -2,861,793  | -1,738,344  | -3,324,132  | -4,062,890  | -10,635,950   | Net deduction from (-) current net earnings        |
| 720,087,882   | 150,019,680 | 77,147,705  | 168,097,775 | 188,712,584 | 622,289,588   | Net earnings before payments to U.S. Treasury      |
| 7,729,090   | 1,666,567   | 1,147,795   | 2,053,131   | 2,686,541   | 6,221,061     | Dividends paid                                     |
| 704,086,842   | 146,823,563 | 74,484,209  | 164,539,344 | 183,063,194 | 607,130,727   | Payments to U.S. Treasury (interest on F.R. notes) |
| 8,271,950   | 1,529,550   | 1,515,700   | 1,505,300   | 2,962,850   | 8,937,800     | Transferred to surplus                             |
| 124,150,150   | 26,955,100  | 18,132,600  | 33,396,800  | 43,153,350  | 99,369,650    | Surplus, January 1                                 |
| 132,422,100   | 28,484,650  | 19,648,300  | 34,902,100  | 46,116,200  | 108,307,450   | Surplus, December 31                               |

NUMBER OF BANKING OFFICES IN THE UNITED STATES

| Type of office and type of change                        | All banks | Commercial banks |        |          |       |           |         |             | Mutual savings banks |             |
|--|-----------|------------------|--------|----------|-------|-----------|---------|-------------|----------------------|-------------|
|  |           | Total            | Member |          |       | Nonmember |         |             | Insured <sup>1</sup> | Non-insured |
|  |           |                  | Total  | National | State | Total     | Insured | Non-insured |                      |             |
| <b>Banks (head office):</b>                              |           |                  |        |          |       |           |         |             |                      |             |
| Dec. 31, 1934  | 16,063    | 15,484           | 6,442  | 5,462    | 980   | 9,042     | 7,699   | 1,343       | 68                   | 511         |
| Dec. 31, 1941  | 14,826    | 14,278           | 6,619  | 5,117    | 1,502 | 7,662     | 6,810   | 852         | 52                   | 496         |
| Dec. 31, 1947 <sup>2</sup>                               | 14,714    | 14,181           | 6,923  | 5,005    | 1,918 | 7,261     | 6,478   | 783         | 194                  | 339         |
| Dec. 31, 1951  | 14,618    | 14,089           | 6,840  | 4,939    | 1,901 | 7,252     | 6,602   | 650         | 202                  | 327         |
| Dec. 31, 1962  | 13,938    | 13,427           | 6,047  | 4,503    | 1,544 | 7,380     | 7,072   | 308         | 531                  | 180         |
| Dec. 31, 1963  | 14,078    | 13,569           | 6,108  | 4,615    | 1,493 | 7,461     | 7,177   | 284         | 330                  | 179         |
| Dec. 31, 1964  | 14,266    | 13,761           | 6,225  | 4,773    | 1,452 | 7,536     | 7,262   | 274         | 327                  | 178         |
| Dec. 31, 1965  | 14,309    | 13,804           | 6,221  | 4,815    | 1,406 | 7,583     | 7,320   | 263         | 328                  | 177         |
| Dec. 31, 1966  | 14,274    | 13,770           | 6,150  | 4,779    | 1,351 | 7,620     | 7,385   | 235         | 330                  | 174         |
| Dec. 31, 1967  | 14,222    | 13,721           | 6,071  | 4,758    | 1,313 | 7,650     | 7,439   | 211         | 331                  | 170         |
| Dec. 31, 1968  | 14,179    | 13,679           | 5,978  | 4,716    | 1,262 | 7,701     | 7,504   | 197         | 333                  | 167         |
| Dec. 31, 1969  | 14,158    | 13,662           | 5,871  | 4,669    | 1,202 | 7,791     | 7,595   | 196         | 330                  | 165         |
| Dec. 31, 1970  | 14,181    | 13,688           | 5,768  | 4,621    | 1,147 | 7,920     | 7,735   | 185         | 328                  | 165         |
| Dec. 31, 1971  | 14,273    | 13,784           | 5,728  | 4,600    | 1,128 | 8,056     | 7,875   | 181         | 326                  | 163         |
| Dec. 31, 1972  | 14,413    | 13,928           | 5,705  | 4,613    | 1,092 | 8,223     | 8,017   | 206         | 325                  | 160         |
| Dec. 31, 1973  | 14,653    | 14,172           | 5,737  | 4,661    | 1,076 | 8,435     | 8,229   | 206         | 321                  | 160         |
| <b>Branches, additional offices, and facilities:</b>     |           |                  |        |          |       |           |         |             |                      |             |
| Dec. 31, 1934  | 3,133     | 3,007            | 2,224  | 1,243    | 981   | 783       | 783     | 126         | 32                   | 103         |
| Dec. 31, 1941  | 3,699     | 3,564            | 2,580  | 1,565    | 1,015 | 984       | 932     | 52          | 32                   | 67          |
| Dec. 31, 1947 <sup>2</sup>                               | 4,332     | 4,161            | 3,051  | 1,870    | 1,181 | 1,110     | 1,043   | 67          | 124                  | 47          |
| Dec. 31, 1951  | 5,383     | 5,153            | 3,837  | 2,370    | 1,467 | 1,316     | 1,275   | 41          | 165                  | 65          |
| Dec. 31, 1962  | 12,932    | 12,345           | 9,649  | 6,640    | 3,009 | 2,696     | 2,646   | 50          | 466                  | 121         |
| Dec. 31, 1963  | 14,122    | 13,498           | 10,613 | 7,420    | 3,193 | 2,885     | 2,835   | 50          | 502                  | 125         |
| Dec. 31, 1964  | 15,275    | 14,601           | 11,457 | 8,156    | 3,301 | 3,144     | 3,094   | 50          | 549                  | 125         |
| Dec. 31, 1965  | 16,471    | 15,756           | 12,298 | 8,964    | 3,334 | 3,458     | 3,404   | 54          | 583                  | 132         |
| Dec. 31, 1966  | 17,665    | 16,908           | 13,129 | 9,611    | 3,518 | 3,779     | 3,717   | 62          | 614                  | 143         |
| Dec. 31, 1967  | 18,757    | 17,928           | 13,856 | 10,183   | 3,673 | 4,072     | 4,026   | 46          | 669                  | 160         |
| Dec. 31, 1968  | 19,911    | 19,013           | 14,553 | 10,985   | 3,568 | 4,460     | 4,414   | 46          | 729                  | 169         |
| Dec. 31, 1969  | 21,196    | 20,208           | 15,204 | 11,727   | 3,477 | 5,004     | 4,957   | 47          | 810                  | 178         |
| Dec. 31, 1970  | 22,727    | 21,643           | 16,191 | 12,536   | 3,655 | 5,452     | 5,404   | 48          | 891                  | 193         |
| Dec. 31, 1971  | 24,299    | 23,104           | 17,085 | 13,272   | 3,813 | 6,019     | 5,979   | 40          | 983                  | 212         |
| Dec. 31, 1972  | 25,977    | 24,622           | 17,954 | 13,974   | 3,980 | 6,668     | 6,623   | 45          | 1,113                | 242         |
| Dec. 31, 1973  | 27,946    | 26,454           | 18,966 | 14,916   | 4,050 | 7,488     | 7,442   | 46          | 1,241                | 251         |
| <b>Changes—Dec. 31, 1973</b>                             |           |                  |        |          |       |           |         |             |                      |             |
| <b>Banks:</b>  |           |                  |        |          |       |           |         |             |                      |             |
| New banks  | 344       | 344              | 116    | 90       | 26    | 228       | 216     | 12          |                      |             |
| Suspensions  | -3        | -3               |        |          |       | -3        | -3      |             |                      |             |
| <b>Consolidations and absorptions:</b>                   |           |                  |        |          |       |           |         |             |                      |             |
| Banks converted into branches                            | -91       | -87              | -44    | -36      | -8    | -43       | -42     | -1          | -4                   |             |
| Other  | -10       | -10              | -4     | -2       |       | -6        | -6      |             |                      |             |
| <b>Interclass changes:</b>                               |           |                  |        |          |       |           |         |             |                      |             |
| Nonmember to national                                    |           |                  | 8      | 8        |       | -8        | -8      |             |                      |             |
| Nonmember to State member                                |           |                  | 3      |          | 3     | -3        | -3      |             |                      |             |
| State member to national                                 |           |                  |        | 8        | -8    |           |         |             |                      |             |
| State member to nonmember                                |           |                  | -28    |          | -28   | 28        | 28      |             |                      |             |
| National to nonmember                                    |           |                  | -21    | -21      |       | 21        | 21      |             |                      |             |
| Noninsured to national                                   |           |                  | 1      | 1        |       | -1        | -1      | -1          |                      |             |
| Noninsured to insured                                    |           |                  |        |          |       |           | 9       | -9          |                      |             |
| Noninsured to State member                               |           |                  | 1      |          | 1     | -1        | -1      | -1          |                      |             |
| Net change   | 240       | 244              | 32     | 48       | -16   | 212       | 212     | -4          |                      |             |
| Number of banks, Dec. 31, 1973                           | 14,653    | 14,172           | 5,737  | 4,661    | 1,076 | 8,435     | 8,229   | 206         | 321                  | 160         |
| <b>Branches and additional offices:</b>                  |           |                  |        |          |       |           |         |             |                      |             |
| De novo  | 1,968     | 1,833            | 1,088  | 874      | 214   | 745       | 744     | 1           | 126                  | 9           |
| Banks converted  | 93        | 89               | 54     | 51       | 3     | 35        | 35      |             | 4                    |             |
| Discontinued   | -80       | -79              | -63    | -42      | -21   | -16       | -16     |             | -1                   |             |
| Sale of branch   | -7        | -7               | -15    | -10      | -5    | 8         | 8       |             |                      |             |
| <b>Interclass changes:</b>                               |           |                  |        |          |       |           |         |             |                      |             |
| Nonmember to national                                    |           |                  | 81     | 81       |       | -81       | -81     |             |                      |             |
| Nonmember to State member                                |           |                  | 10     |          | 10    | -10       | -10     |             |                      |             |
| State member to national                                 |           |                  |        | 44       | -44   |           |         |             |                      |             |
| State member to nonmember                                |           |                  | -90    |          | -90   | 90        | 90      |             |                      |             |
| National to State member                                 |           |                  |        | -2       | 2     |           |         |             |                      |             |
| National to nonmember                                    |           |                  | -44    | -44      |       | 44        | 44      |             |                      |             |
| Noninsured to insured                                    |           |                  |        |          |       |           |         |             |                      |             |
| Facilities reclassified as branches                      | 2         | 2                | 2      | 2        |       |           |         |             |                      |             |
| Other  | -2        | -1               | -3     | -4       | 1     | 2         | 2       |             | -1                   |             |
| Net change   | 1,974     | 1,837            | 1,020  | 950      | 70    | 817       | 816     | 1           | 128                  | 9           |
| Number of branches and additional offices, Dec. 31, 1973 | 27,743    | 26,251           | 18,798 | 14,760   | 4,038 | 7,453     | 7,407   | 46          | 1,241                | 251         |
| <b>Banking facilities:<sup>3</sup></b>                   |           |                  |        |          |       |           |         |             |                      |             |
| Established  | 7         | 7                | 4      | 4        |       | 3         | 3       |             |                      |             |
| Discontinued   | -10       | -10              | -9     | -9       |       | -1        | -1      |             |                      |             |
| Other  |           |                  | -1     | -1       |       | 1         | 1       |             |                      |             |
| Facilities reclassified as branches                      | -2        | -2               | -2     | -2       |       |           |         |             |                      |             |
| Net change   | -5        | -5               | -8     | -8       |       | 3         | 3       |             |                      |             |
| Number of facilities, Dec. 31, 1973                      | 203       | 203              | 168    | 156      | 12    | 35        | 35      |             |                      |             |

<sup>1</sup> Insured mutual savings banks figures include one to three member mutual savings banks, 1941 to 1962 inclusive, not reflected in total commercial bank figures.

<sup>2</sup> Series revised as of June 30, 1947. The revision resulted in an addition of 115 banks and nine branches.

<sup>3</sup> Provided at military and other Govt. establishments through arrangements made by the Treasury Dept.

NOTE.—Beginning with 1959, figures include all banks in Alaska and Hawaii, but nonmember banks in territories and possessions are excluded.

NUMBER OF PAR AND NONPAR BANKING OFFICES

| F.R. district,<br>State, or other area | Total  |                         | Par    |                         |        |                         |           |                         | Nonpar<br>(nonmember) |                         |
|--|--------|-------------------------|--------|-------------------------|--------|-------------------------|-----------|-------------------------|-----------------------|-------------------------|
|  | Banks  | Branches<br>and offices | Total  |                         | Member |                         | Nonmember |                         | Banks                 | Branches<br>and offices |
|  |        |                         | Banks  | Branches<br>and offices | Banks  | Branches<br>and offices | Banks     | Branches<br>and offices |                       |                         |
| Total, including other areas:          |        |                         |        |                         |        |                         |           |                         |                       |                         |
| Dec. 31, 1972                          | 13,822 | 24,850                  | 13,643 | 24,733                  | 5,705  | 18,001                  | 7,938     | 6,732                   | 179                   | 117                     |
| Dec. 31, 1973                          | 14,062 | 26,687                  | 13,915 | 26,594                  | 5,737  | 19,015                  | 8,178     | 7,579                   | 147                   | 93                      |
| F.R. districts, Dec. 31, 1973          |        |                         |        |                         |        |                         |           |                         |                       |                         |
| Boston                                 | 383    | 1,883                   | 383    | 1,883                   | 212    | 1,207                   | 171       | 676                     |                       |                         |
| New York 1                             | 480    | 4,121                   | 480    | 4,121                   | 333    | 3,596                   | 147       | 525                     |                       |                         |
| Philadelphia                           | 421    | 1,935                   | 421    | 1,935                   | 281    | 1,305                   | 140       | 630                     |                       |                         |
| Cleveland                              | 769    | 2,323                   | 769    | 2,323                   | 456    | 1,881                   | 313       | 442                     |                       |                         |
| Richmond                               | 761    | 3,808                   | 753    | 3,807                   | 379    | 2,376                   | 374       | 1,431                   | 8                     | 1                       |
| Atlanta                                | 1,831  | 2,078                   | 1,787  | 2,017                   | 607    | 1,238                   | 1,180     | 779                     | 44                    | 61                      |
| Chicago                                | 2,644  | 2,763                   | 2,644  | 2,763                   | 936    | 1,783                   | 1,708     | 980                     |                       |                         |
| St. Louis                              | 1,409  | 1,182                   | 1,360  | 1,167                   | 431    | 587                     | 929       | 580                     | 49                    | 15                      |
| Minneapolis                            | 1,386  | 337                     | 1,386  | 337                     | 501    | 174                     | 885       | 163                     |                       |                         |
| Kansas City                            | 2,140  | 460                     | 2,140  | 460                     | 816    | 261                     | 1,324     | 199                     |                       |                         |
| Dallas                                 | 1,416  | 314                     | 1,370  | 298                     | 642    | 148                     | 728       | 150                     | 46                    | 16                      |
| San Francisco                          | 422    | 5,483                   | 422    | 5,483                   | 143    | 4,459                   | 279       | 1,024                   |                       |                         |
| State or area, Dec. 31, 1973:          |        |                         |        |                         |        |                         |           |                         |                       |                         |
| Alabama                                | 287    | 369                     | 287    | 369                     | 111    | 264                     | 176       | 105                     |                       |                         |
| Alaska                                 | 10     | 73                      | 10     | 73                      | 5      | 65                      | 5         | 8                       |                       |                         |
| Arizona                                | 15     | 405                     | 15     | 405                     | 4      | 280                     | 11        | 125                     |                       |                         |
| Arkansas                               | 255    | 227                     | 206    | 212                     | 83     | 133                     | 123       | 79                      | 49                    | 15                      |
| California                             | 174    | 3,393                   | 174    | 3,393                   | 65     | 2,951                   | 109       | 442                     |                       |                         |
| Colorado                               | 255    | 42                      | 255    | 42                      | 143    | 24                      | 112       | 18                      |                       |                         |
| Connecticut                            | 68     | 518                     | 68     | 518                     | 26     | 316                     | 42        | 202                     |                       |                         |
| Delaware                               | 18     | 118                     | 18     | 118                     | 5      | 4                       | 13        | 114                     |                       |                         |
| District of Columbia                   | 15     | 117                     | 15     | 117                     | 13     | 108                     | 2         | 9                       |                       |                         |
| Florida                                | 640    | 67                      | 640    | 67                      | 284    | 12                      | 356       | 55                      |                       |                         |
| Georgia                                | 436    | 558                     | 436    | 558                     | 72     | 359                     | 364       | 199                     |                       |                         |
| Hawaii                                 | 8      | 147                     | 8      | 147                     | 2      | 10                      | 6         | 137                     |                       |                         |
| Idaho                                  | 24     | 179                     | 24     | 179                     | 10     | 154                     | 14        | 25                      |                       |                         |
| Illinois                               | 1,167  | 175                     | 1,167  | 175                     | 491    | 103                     | 676       | 72                      |                       |                         |
| Indiana                                | 409    | 777                     | 409    | 777                     | 178    | 470                     | 231       | 307                     |                       |                         |
| Iowa                                   | 668    | 369                     | 668    | 369                     | 148    | 109                     | 520       | 260                     |                       |                         |
| Kansas                                 | 612    | 89                      | 612    | 89                      | 196    | 49                      | 416       | 40                      |                       |                         |
| Kentucky                               | 342    | 424                     | 342    | 424                     | 91     | 247                     | 251       | 177                     |                       |                         |
| Louisiana                              | 245    | 490                     | 167    | 413                     | 61     | 254                     | 106       | 159                     | 78                    | 77                      |
| Maine                                  | 44     | 260                     | 44     | 260                     | 23     | 151                     | 21        | 109                     |                       |                         |
| Maryland                               | 112    | 643                     | 112    | 643                     | 46     | 387                     | 66        | 256                     |                       |                         |
| Massachusetts                          | 153    | 852                     | 153    | 852                     | 92     | 632                     | 61        | 220                     |                       |                         |
| Michigan                               | 339    | 1,400                   | 339    | 1,400                   | 206    | 1,136                   | 133       | 264                     |                       |                         |
| Minnesota                              | 739    | 24                      | 739    | 24                      | 226    | 13                      | 513       | 11                      |                       |                         |
| Mississippi                            | 181    | 449                     | 181    | 449                     | 48     | 201                     | 133       | 248                     |                       |                         |
| Missouri                               | 683    | 203                     | 683    | 203                     | 171    | 73                      | 512       | 130                     |                       |                         |
| Montana                                | 149    | 12                      | 149    | 12                      | 98     | 9                       | 51        | 3                       |                       |                         |
| Nebraska                               | 444    | 56                      | 444    | 56                      | 131    | 34                      | 313       | 22                      |                       |                         |
| Nevada                                 | 8      | 96                      | 8      | 96                      | 5      | 83                      | 3         | 13                      |                       |                         |
| New Hampshire                          | 80     | 89                      | 80     | 89                      | 50     | 75                      | 30        | 14                      |                       |                         |
| New Jersey                             | 221    | 1,251                   | 221    | 1,251                   | 154    | 1,069                   | 67        | 182                     |                       |                         |
| New Mexico                             | 73     | 177                     | 73     | 177                     | 41     | 109                     | 32        | 68                      |                       |                         |
| New York                               | 299    | 2,881                   | 299    | 2,881                   | 230    | 2,705                   | 69        | 176                     |                       |                         |
| North Carolina                         | 89     | 1,445                   | 89     | 1,445                   | 28     | 727                     | 61        | 718                     |                       |                         |
| North Dakota                           | 169    | 74                      | 169    | 74                      | 47     | 16                      | 122       | 58                      |                       |                         |
| Ohio                                   | 498    | 1,525                   | 498    | 1,525                   | 329    | 1,277                   | 169       | 248                     |                       |                         |
| Oklahoma                               | 448    | 91                      | 448    | 91                      | 209    | 58                      | 239       | 33                      |                       |                         |
| Oregon                                 | 46     | 400                     | 46     | 400                     | 8      | 281                     | 38        | 119                     |                       |                         |
| Pennsylvania                           | 419    | 2,059                   | 419    | 2,059                   | 280    | 1,472                   | 139       | 587                     |                       |                         |
| Rhode Island                           | 16     | 207                     | 16     | 207                     | 5      | 114                     | 11        | 93                      |                       |                         |
| South Carolina                         | 91     | 548                     | 83     | 547                     | 24     | 356                     | 59        | 191                     | 8                     | 1                       |
| South Dakota                           | 159    | 108                     | 159    | 108                     | 60     | 76                      | 99        | 32                      |                       |                         |
| Tennessee                              | 320    | 658                     | 320    | 658                     | 82     | 373                     | 238       | 285                     |                       |                         |
| Texas                                  | 1,265  | 108                     | 1,253  | 108                     | 590    | 29                      | 663       | 79                      | 12                    |                         |
| Utah                                   | 53     | 171                     | 53     | 171                     | 16     | 123                     | 37        | 48                      |                       |                         |
| Vermont                                | 38     | 109                     | 38     | 109                     | 22     | 43                      | 16        | 66                      |                       |                         |
| Virginia                               | 271    | 1,045                   | 271    | 1,045                   | 157    | 793                     | 114       | 252                     |                       |                         |
| Washington                             | 87     | 638                     | 87     | 638                     | 29     | 530                     | 58        | 108                     |                       |                         |
| West Virginia                          | 210    | 15                      | 210    | 15                      | 124    | 5                       | 86        | 10                      |                       |                         |
| Wisconsin                              | 616    | 309                     | 616    | 309                     | 161    | 97                      | 455       | 212                     |                       |                         |
| Wyoming                                | 71     | 2                       | 71     | 2                       | 55     | 1                       | 16        | 1                       |                       |                         |
| Other areas:                           |        |                         |        |                         |        |                         |           |                         |                       |                         |
| American Samoa <sup>2</sup>            |        | 1                       |        | 1                       |        |                         |           | 1                       |                       |                         |
| Guam <sup>2</sup>                      |        | 7                       |        | 7                       |        | 7                       | 1         |                         |                       |                         |
| Puerto Rico <sup>3</sup>               | 14     | 207                     | 14     | 207                     | 1      | 19                      | 13        | 188                     |                       |                         |
| Virgin Islands <sup>3</sup>            | 8      | 30                      | 8      | 30                      |        | 29                      | 7         | 1                       |                       |                         |

<sup>1</sup> Includes 18 New York City branches of three insured nonmember Puerto Rican banks.

<sup>2</sup> American Samoa and Guam assigned to the San Francisco District for check clearing and collection purposes. All member branches in Guam are branches of California and New York Banks.

<sup>3</sup> Puerto Rico and the Virgin Islands assigned to the New York District for purposes of Regulation J, "Check Clearing and Collection." Member branches in Puerto Rico and all except eight in the Virgin Islands are branches of banks located in California, New York and Pennsylvania. Certain branches of Canadian banks (two in Puerto Rico and five in Vir-

gin Islands) are included above in the table as nonmember banks; and nonmember branches in Puerto Rico include eight branches of Canadian banks.

NOTE.—Includes all commercial banking offices in the United States, Puerto Rico, and the Virgin Islands on which checks are drawn, including 203 banking facilities. Number of banks and branches differs from that in the table on page A-98 of the Feb. 1974 BULLETIN, because this table includes banks in Puerto Rico and the Virgin Islands but excludes banks and trust companies on which no checks are drawn.

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On loan from the Federal Reserve Bank of Boston.

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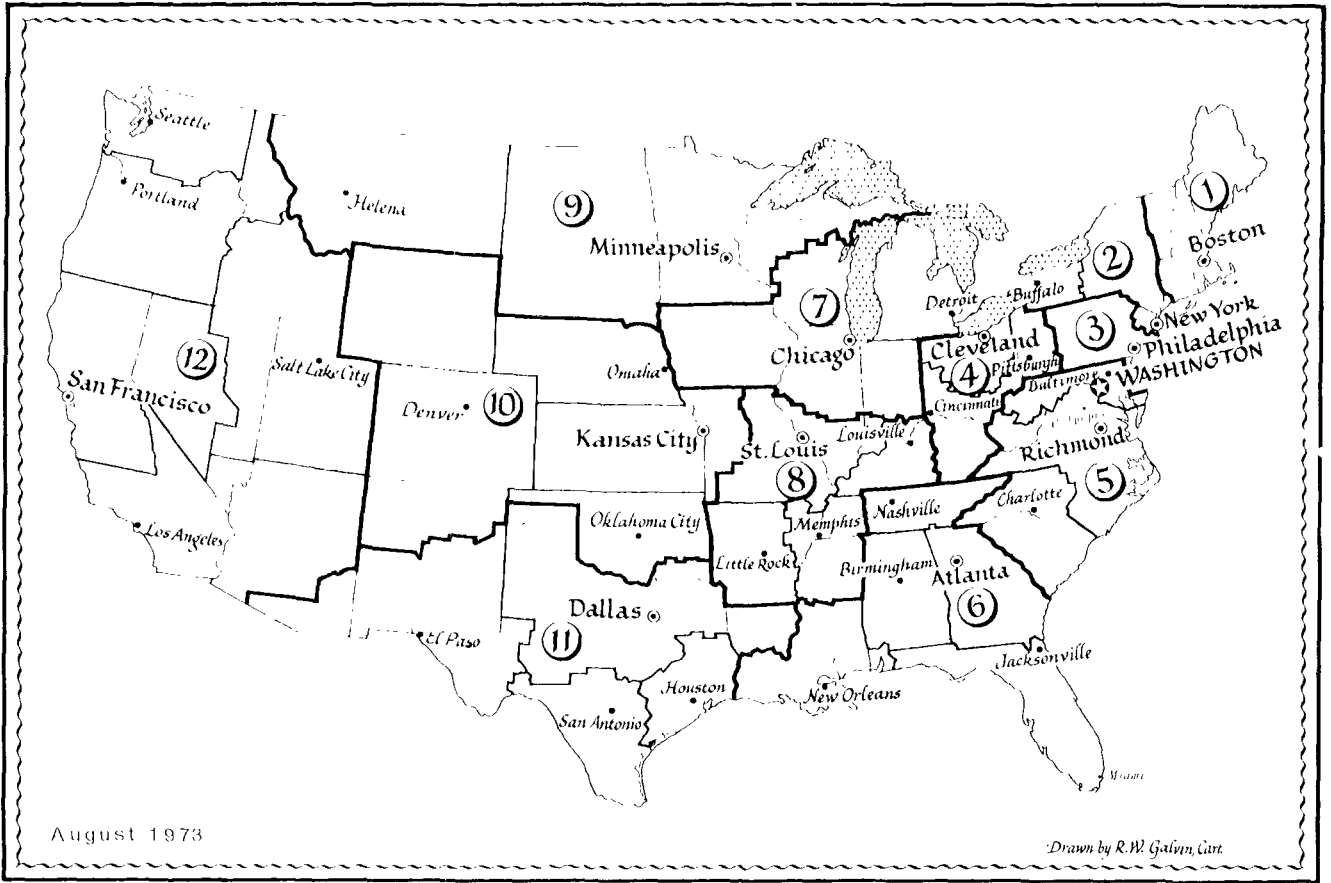
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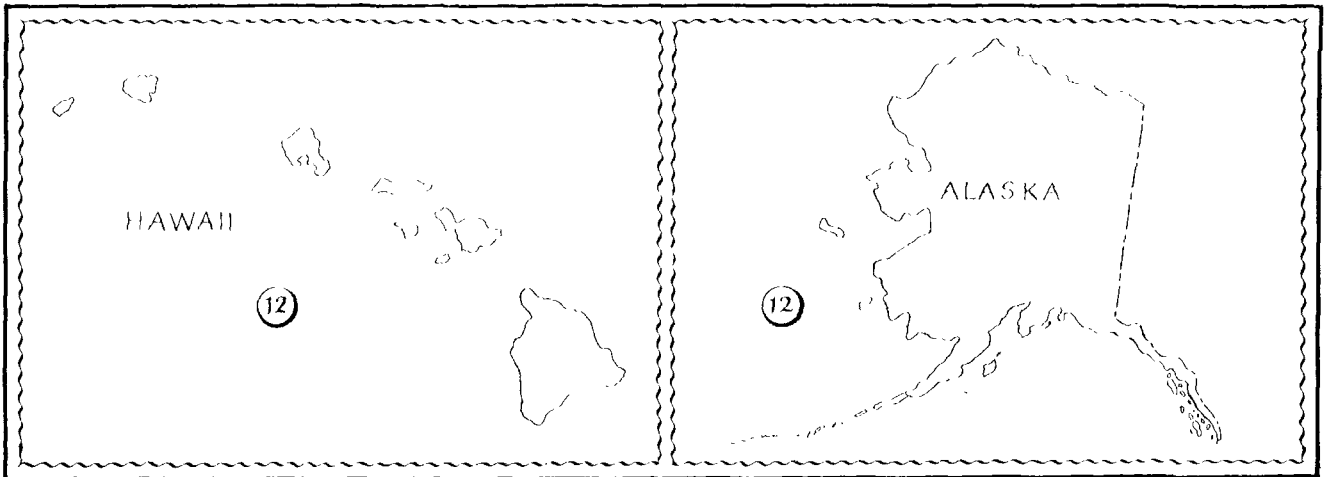
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**BOUNDARIES OF FEDERAL RESERVE DISTRICTS AND THEIR BRANCH TERRITORIES**



★ ( ) **THE FEDERAL RESERVE SYSTEM** ( ) ★



*Legend*

- Boundaries of Federal Reserve Districts    — Boundaries of Federal Reserve Branch Territories
- ⊕ Board of Governors of the Federal Reserve System
- ⊙ Federal Reserve Bank Cities                      • Federal Reserve Branch Cities
- Federal Reserve Bank Facilities