## Prefatory Note

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[^0]MONEY MARKET AND RESERVE RELATIONSHIPS

Recent developments
(1) Interest rates and monetary aggregates have moved in diverse, and to some extent unanticipated ways, since the System's recent policy actions. Treasury bill rates generally rose after the increases in the discount rate and in reserve requirements were announced on April 3, and reached a peak on the mid-April tax date. Subsequently bill rates have drifted back. The 3 -month bill was most recently quoted 6. 08 per cent, about its level at the time of the April 3 policy actions, while longer-term bills have dropped below those earlier levels. Most short-term rates outside the bill area have risen, on balance, since early April.
(2) Expectations of future Treasury debt repayment and greater market convictions that monetary and fiscal policies will slow inflation were factors tending to press lower the longer-end of the yield curve in the Treasury bill market. These same factors, together with peace hopes, also affected interest rates in bond markets. And yields on U.S. Government, State and local, and corporate long-term issues moved 15-25 basis points below their early April levels. Most recently, this rally in bond markets has faded in face of a continued sizable volume of corporate and municipal offerings and in anticipation of the sizable Treasury mid-May refunding.

FINANCIAL MARKET PELATIONSHIPS IN PERSPECTIVE
(Yonthlv averages and, where available, weeklv averages of daily figures)

| Period | Money Market Indicators |  |  |  | Bond Yields |  |  | Flow of Reserves, Bank Credit and Money |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Free keserves (In mal of do | ```Borrow- ings ions lars)``` | Federal <br> Funds <br> Rate <br> 4/ | $\left\lvert\, \begin{gathered} \text { 3-month } \\ \text { Treas - } \\ \text { ury } \\ \text { Bill } \end{gathered}\right.$ | $\left\lvert\, \begin{aligned} & \text { U.S . } \\ & \text { Gov 't. } \\ & (20 \mathrm{yr}) \end{aligned}\right.$ | $\left\|\begin{array}{c}\text { Corporate } \\ \text { New } \\ \text { Issues } \\ \text { (Aaa) } 1\end{array}\right\|$ | $\begin{gathered} \text { Munici- } \\ \text { pal } \\ (\text { Aaa }) \end{gathered}$ | Non- <br> borr owed <br> Reserves <br> (In mil | Total Reserves ions | Bank Credit Proxy (In bil | Money <br> Supply <br> lions of | Time <br> Deposits $\stackrel{2}{2}$ |
|  |  |  |  |  |  |  |  | (Seasonally Adjusted) |  |  |  |  |
| 1968--Apr. | -341 | 689 | 5.76 | 5.38 | 5.46 | 6.50* | 4.13 | -197 | -189 | - 1.1 | $+0.9$ | + 0.4 |
| May | -374 | 728 | 6.12 | 5.66 | 5.55 | 6.64 | 4.28 | + 46 | + 88 | + 0.4 | + 1.8 | $+0.5$ |
| June | -386 | 727 | 6.07 | 5.52 | 5.40 | 6.65 | 4.26 | +137 | +105 | + 1.5 | + 1.3 | $+0.6$ |
| July | -192 | 523 | 6.02 | 5.31 | 5.29 | r 6.51\% | 4.12 | +304 | +107 | + 2.1 | $+2.0$ | $+2.2$ |
| Aug. | -240 | 577 | 6.03 | 5.23 | 5.22 | r 6.15 | 4.00 | +493 | +508 | + 5.0 | + 0.9 | + 3.4 |
| Sept. | -146 | 492 | 5.78 | 5.19 | 5.28 | 6.27 | 4.23 | + 29 | - 36 | $+2.0$ | - 0.8 | + 2.8 |
| Oct. | -192 | 458 | 5.92 | 5.35 | 5.44 | 6.47 | 4.21 | +264 | +215 | $+3.0$ | + 0.7 | $+2.9$ |
| Nov. | -255 | 541 | 5.81 | 5.45 | 5.56 | r 6.50 | 4.33 | - 51 | +122 | + 2.7 | + 1.7 | + 2.4 |
| Dec. | r -300 | r 744 | 6.02 | 5.96 | 5.88 | 6.79 | 4.50 | - 21 | +244 | + 3.1 | $+1.2$ | + 2.4 |
| 1969--Jan. | -491 | 715 | 6.30 | 6.14 | 5.99 | 6.92 | 4.58 | +302 | +217 | - 1.5** | + 0.6 | - 1.8 |
| Feb. | -580 | 836 | 6.64 | 6.12 | 6.11 | 6.91* | 4.74 | - 53 | $+16$ | - 0.3 | + 0.1 | - 1.5 |
| Mar. p | -635 | 837 | 6.79 | 6.02 | 6.22 | 7.35 | 4.97 | -279 | $=171$ | - 2.5 | + $0 . \overline{2}$ | -- |
| Apr. p | -821 | 1,009 | n.a. | n.a. | n.a. | n.a. | 5.01 | -194 | -110 | +1.6 | + 2.4 | - 0.2 |
| 1969--Mar. 12 | -627 | 875 | 6.75 | 6.03 | 6.20 | 7- | 4.92 |  |  | $+0.2$ | - 0.2 | $+0.2$ |
| 19 26 | -691 | 776 964 | 6.82 6.88 | 6.02 5.94 | 6.29 | 7.57 | 5.02 |  |  | - 1.7 | ( | -0.2 |
| Apr. 2 | -886 | 1,195 | 6.66 | 5.99 | 6.20 | 7.28 | 5.00 |  |  | + 0.6 | + 0.6 | $+0.2$ |
| $\begin{array}{r}9 \\ 169 \\ \hline \text { p }\end{array}$ | -756 -646 | 1947 760 | 7.04 7.63 | 6.13 6.19 | 6.15 5.99 | $7.30 * *$ | 5.08 5.00 |  |  | +0.3 $+\quad 2.3$ | $\begin{array}{r}+0.8 \\ +2.8 \\ \hline 1.6\end{array}$ | a +0.1 +0.3 |
| 16 23 23 | -646 | 1,134 | 7.63 | 6.19 6.18 | 5.99 5.97 | 7.02 | 5.08 4.95 |  |  | -0.5 +0.8 | - 1.6 | -0.3 $-\quad 0.3$ |
|  | Averages |  |  |  |  |  |  | Annual rates of increase 37 |  |  |  |  |
| Year 1968 | -210 | 548 | 5.58 | 5.36 | 5.45 | 6.47 | 4.20 | $+5.2$ | $+7.2$ | $+8.6$ | $+6.5$ | +11.3 |
| First Half 1968 | -201 | 567 | 5.39 | 5.29 | 5.46 | 6.47 | 4.16 | + 2.2 | + 5.3 | $+4.1$ | + 6.7 | + 5.1 |
| Second Half 1968 | -218 | 529 | 5.77 | 5.42 | 5.44 | 6.50 | 4.22 | $+8.1$ | + 9.0 | +12.8 | $+6.1$ | +17.1 |
| Recent variation |  |  |  |  |  |  |  |  |  |  |  |  |
| 11/29/67-7/3/68 | -159 | 515 | 5.25 | 5.24 | 5.48 | 6.47 | 4.15 |  |  | + 3.5 | $+8.0$ | $+5.2$ |
| 7/3/68-12/18/68 | -203 | 516 | 5.90 | 5.34 | 5.40 | 6.47 | 4.21 |  |  | +14.1 | +2.3 | +18.1 |
| 12/18/68-4/23/69 | -609 | 876 | 6.70 | 6.12 | 6.08 | 7.05* | 4.78 |  |  | - 2.1 | $+5.0$ | - 5.5 |

[^1]2/ Time deposits adjusted at all commercial banks.
3/ Base is change for month preceding specified period or in case of weekly periods, the first week shown.
4/ Average of total number of days in period. p - Preliminary. n.a. - Not available.
${ }_{* *}$ - Reflects $\$ 400$ million reduction in member bank deposits resulting from withdrawal of a large country bank from System membership. Percentage annual rates are adjusted to eliminate this break in series.
nominal amounts before the tax date. And for a week at mid-month the Treasury borrowed an average of $\$ 723$ million a day directly from the Federal Reserve, resulting in an enlarged need for System absorbing operations. Also, in meeting cash payments prior to midmonth tax receipts, the Treasury made unusually large C-bank calls. Partly as a result of the Treasury cash management policy, the reserve position of major money market banks came under severe pressure. The basic reserve deficits of major banks have fluctuated in a \$3.5-\$5.0 blllion range, with deficits in New York running \$1.5-\$2.0 billion, substantially deeper than in March. Trading in Federal funds since the last Committee meeting has frequently been at, or above, $7-1 / 2$ per cent with some activity as high as 8 per cent, particularly in the tax period. The average rate has been around $7-1 / 4$ per cent thus far in April. Loan rates to dealers have tended mostly to a 7-1/2-8 per cent range.
(6) Net borrowed reserves for all member banks rose to $\$ 995$ million and borrowings to an average of $\$ 1.1$ billion in the most recent statement week, the first week affected by the higher reserve requirements. In the preceding three statement weeks net borrowed reserves were in a $\$ 650-\$ 900$ million range, with average borrowings fluctuating between $\$ 750$ million and $\$ 1.2$ billion.
(7) The following table summarizes growth in major reserve and deposit aggregates for the second half of 1968 , the first quarter, 1969, and April on a preliminary basis:

|  | $\begin{aligned} & \text { July '68 } \\ & \text { Dec. '68 } \\ & \hline \end{aligned}$ | $\begin{array}{ll} \text { Jan. } & 169 \text { - } \\ \text { Mar. } & 69 \\ \hline \end{array}$ | April '69p |
| :---: | :---: | :---: | :---: |
| Total reserves | 9.0 | 0.9 | - 4.9 (1/ |
| Nonborrowed reserves | 8.1 | -0.5 | - 8.9 |
| Bank credit, as indicated by: |  |  |  |
| Promy | 12.8 | -5.4 | 6.6 |
| Proxy plus Euro-dollars | 13.0 | -2.4 | 7.2 |
| Total loans and investments <br> (as of last Wednesday of month) | $14.9$ | 1.5 | 7.2 |
| Money supply | 6.1 | 1.9 | 14.8 |
| Time and savings deposits | 17.1 | -6.5 | - 1.2 |
| Savings accounts at thrift institutions | 6.4 | 6.0 | n.a, |

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NOTE: Dates are inclusive.
p--preliminary.
n.a. Not available.
1/ Aggregate reserve series reflect reserve requirements based on
    deposits lagged two weeks. Thus the decline shown reflects the sharp
    drop in demand deposits at member banks in the latter part of March
    and early April.
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## Prospective developments

(8) The sharp average annual rates of expansion in money supply and the bank credit proxy for April are not likely to be repeated in May-and some reversal could develop-ogivan prevailing money market conditions. These conditions can be taken to comprise a Federal funds rate generally fluctuating in a $7-7-3 / 4$ per cent range, member bank

## -5-

borrowings $\$ 900$ million to $\$ 1.2$ billion, and net borrowed reserves \$800 million to $\$ 1$ billion. The 3-month Treasury bill may fluctuate in a 5.90-6.20 per cent range.
(9) It is possible that bill rates will come under some further downward pressure in the period ahead. The System is expected to supply a substantial amount of reserves over the next three weeks. Moreover, the mid-May refunding could generate additional demand for bills, with the amount depending on the nature of the exchange and market attitudes at the time. The refunding will probably be announced the afternoon of April 30, and at the moment many market participants are expecting a"rights" exchange involving about $\$ 6$ billion of publicly held May and June maturities. These potential demands may press on a relatively limited current and expected market supply of bills. Dealer bill positions have recently declined; the Treasury has just paid off $\$ 2$ billion of April tax bills as well as $\$ 200$ million of monthly bills; and further substantial net debt repayment will develop by the end of June.
(10) Given these demand-supply conditions in the bill market, it could require relatively high dealer loan rates and a Federal funds rate fluctuating around the upper end of the specified range to avert a decline in the 3-month bill rate to, or below, the lower end of the range in paragraph (8). Even if the 3 month bill rate is maintained in that range, longer-term bill rates (on a discount basis) could remain below the 3-month bill. In particular, the yield on the l-year bill
might possibly be low enough relative to the Regulation $Q$ ceiling to enable banks to increase sales of longer-term CD's somewhat.
(11) Actual CD attrition in May is expected to drop to a $\$ 250-\$ 500$ million range. But because May is a month when CD's seasonally show a $\$ 500$ - $\$ 700$ million increase, seasonally adjusted $C D$ experience would be a significant inhibiting factor on bank credit growth. Consumer-type time and savings deposits are expected to grow quite modestly, recovering somewhat from the tax-induced April weakness. All in all, total time and savings deposits in May are likely to decline on average in a 0 to 3 per cent annual rate range.
(12) Private demand deposits are expected to rise from the end of April to the end of May, mainly reflecting an expected $\$ 1-1 / 2$ billion decline in U.S. Government deposits over the course of the month, a sizable portion of which represents attrition of the maturing mid-May Treasury issue. The average level of the money supply in May, however, is likely to be slightly below that of the April average level.
(13) The bank credit proxy (including Euro-dollars) may decline in May in a 2 - 5 per cent, annual rate, range. Loan demands from business and nonbank financial institutions may moderate some from their April pace, which was influenced by tax period borrowing. However, security loans could rise more than last month in view of the Treasury financing, and particularly if temporary holders participate in the financing to a sizable extent. Given these loan demands, with member bank deposits tending to contract on average, banks are likely
to remain inactive in the municipal market, to redeem a sizable portion of their $\$ 2$ billion holding of the maturing mid-May Treasury issues, and to sell the "rights" to the June Treasury maturity. At the same time, banks are not likely to be very willing lenders on security loans, ard interest rates on these loans will probably be at a substantial penalty relative to the securities to be financed.
(14) Under the circumstances, it would appear that intermediate and longer-term interest rates are likely to move up over the next few weeks, unless expectations of a weakening economy, or peace, were to become more prevalent. Should a sizable market interest develop in new Treasury issues and new corporate and municipal bonds-say, for expectational reasons--it is quite possible that a strong demand pull would be exerted on monetary aggregates. In this event, bank credit and money supply in May could turn out to be stronger than projected unless the Federal Reserve--through the workings of a proviso clause or otherwise--operates to hold back on reserves relative to demand, thereby tightening conditions in the money market toward or beyond the tight end of specifications in paragzaph (8).

Table A-1
MARGINAL RESERVE MEASURES
(Dollar amounts in millions, based on period averages of daily figures)

$\bar{p}$

- Preliminary.

TABLE A-2
agGregate reserves and related neasures
Retrospective Changes, Seasonally Adjusted
(In per cent, annual rates based on monthly averages of daily figures)

|  | Reserve Aggregates |  |  |  | Monetary Variables |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Nonborrowed Reserves | Required reserves |  | Total Member Bank Deposits (credit) 1/ | Time <br> Deposits (comm. banks) | Money Supply |  |
|  | Total <br> Reserves |  | Total | Against Demand Deposits |  |  | Total | Private Demand Deposits |
| Annually: |  |  |  |  |  |  |  |  |
| 1967 | + 9.9 | +11.5 | +10.2 | $+7.0$ | +11.7 (+11.5) | +16.1 | + 6.4 | $+6.7$ |
| 1968 | $+7.2$ | $+5.2$ | $+7.1$ | $+6.3$ | $+8.6(+9.4)$ | +11.3 | $+6.5$ | $+6.2$ |
| Monthly: |  |  |  |  |  |  |  |  |
| 1968--Jan. | +16.6 | +16.7 | +11.4 | +15.3 | +6.6 (+6.5) | $+3.9$ | + 6.6 | $+6.8$ |
| Feb . | +12.5 | + 9.9 | +11.4 | +19.2 | +10.0 (+10.8) | $+7.2$ | + 2.6 | $+1.7$ |
| Mar. | + 2.2 | -12.6 | + 0.6 | $+0.1$ | $+4.3 \quad(+4.7)$ | + 9.7 | + 4.6 | $+2.5$ |
| Apr. | - 8.8 | - 9.4 | - 6.0 | -11.1 | -4.7 (-3.8) | + 2.6 | + 5.9 | $+6.8$ |
| May | $+4.1$ | + 2.2 | - 1.9 | + 1.5 | +1.7 (+ 5.1) | + 3.2 | +11.7 | +12.6 |
| June | + 4.9 | + 6.6 | + 9.6 | +12.2 | $+6.5(+9.3)$ | + 3.8 | + 8.4 | $+7.5$ |
| July | + 5.0 | +14.5 | + 7.7 | $+0.1$ | $+9.0 \quad(+10.1)$ | +14.0 | +12.8 | +14.9 |
| Aug. | +23.5 | +23.3 | +21.2 | +21.8 | $+21.4 \quad(+22.1)$ | +21.4 | + 5.7 | $+3.3$ |
| Sept. | - 1.6 | $+1.3$ | + 4.8 | - 3.5 | $+8.4(+9.4)$ | +17.3 | - 5.0 | - 7.3 |
| Oct. | + 9.8 | +12.2 | + 8.5 | $+4.1$ | +12.5 (+11.8) | +17.7 | + 4.4 | + 5.7 |
| Nov. | + 5.5 | - 2.3 | $+8.2$ | $+6.0$ | +11.1 (+11.3) | +14.4 | +10.7 | +10.6 |
| Dec. | +11.0 | - 1.0 | $+7.3$ | $+7.7$ | +12.7 (+11.6) | +14.3 | $+7.5$ | $+7.3$ |
| 1969--Jan. | $+9.7$ | +13.9 | +14.5 | +10.8 | + 4.9 (-2.0) | -10.6 | $+3.7$ | $+4.0$ |
| Feb. | + 0.7 | - 1.0 | -- | +17.3 | $-1.2(+2.0)$ | -8.9 | $+0.6$ | - 1.6 |
| Mar. $p$ | - 7.5 | -12.7 | - 9.2 | -18.4 | -10.2 (-7.1) | -- | + 1.2 | $-0.8$ |
| Apr. proj. | -4.9 | -8.9 | - 7.4 | +18.4 | +6.6 (+7.2) | - 1.2 | +14.8 | +18. ${ }^{\prime}$ |

1/ Includes all deposits subject to reserve requirements. Movements in this aggregate correspond closely with movements in total member bank credit. on a daily average basis. Figures in parenthesis include Euro-dollar borrowings.
p - Preliminary.

## Charl 1

## MEMBER BANK RESERVES

MONTHLY AVERAGES OF DAILY FIGURES



Chart 2
MEMBER BANK DEPOSITS AND LIABILITIES TO OVERSEAS BRANCHES


Chart 3


Chart 4

## DEMAND DEPOSITS AND CURRENCY



Table B-1
MAJOR SOURCES AND USES OF RESERVES
Retrospective and Prospective
(Dollar amounts in millions, based on weekly averages of daily figures)


1. Changes in Federal Reserve credit indicate reserves needed to offset projected changes in required reserves and factors affecting the supply of reserves.
2. Projected changes in currency outside banks reflect seasonal movements plus an allowance for growth of about $\$ 50$ million per week.
3. Projected effects of Treasury operations, included in "technical factors," reflect scheduled and assumed calls in current two weeks and maintenance of Treasury balances with Federal Reserve at $\$ 0.5$ billion, thereafter.
4. Projected changes in required reserves assume the existing net reserve position of banks and the structure of interest rates in the market, as well as the current economic outlook. On the basis of these assumptions, projections reflect expected movements in bank credit and money in the period ahead, including the effects of such elements as the public's loan demand, repayments of previous loans, banks' investment preferences and willingness to supply loans, banks' desires and abilities to obtain time and savings deposits, and the Government's financing needs. The projections thus encompass normal seasonal developments, temporary bursts of loans demand and expected associated repayments not currently reflected by the seasonals, and whatever cyclical and growth demands for money and credit are expected in the projection period. Assumed Treasury financing operations include: \$-0.2 billion, April 30; \$-0.4 billion, May 15.

Table B-2
CHANGES IN REQUIRED RESERVE COMPONENTS
Retrospective and Prospective Seasonal and Nonseasonal Changes
(Dollar amounts in millions, based on weekly averages of daily figures)


Table B-3
TECHNICAL FACTORS AFFECTING RESERVES
Retrospective and Prospective Changes
(Do1lar amounts in millions, based on weekly averages of daily figures)

| Period | Technical factors (net) | Treasury operations | Float | Foreign deposits and gold loans | Other nonmember deposits and <br> F. R. accounts |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ACTUAL | (Sign indicates effect on reserves) |  |  |  |  |
| Year: |  |  |  |  |  |
| 1967 (12/28/66-12/27/67) | - 165 | - 85 | - 389 | - 7 | + 316 |
| 1968 (12/27/67-12/25/68) | +3,039 | + 928 | +1,309 | - 67 | + 869 |
| Year-to-date: |  |  |  |  |  |
| (12/27/67-4/24/68) | - 308 | - 34 | - 547 | $+5$ | + 268 |
| $(12 / 25 / 68-4 / 23 / 69)$ | - 917 | $+10$ | - 790 | + 96 | - 233 |
| Weekly: |  |  |  |  |  |
| 1969-Mar. 12 | - 24 | + 97 | - 118 | - 31 | + 28 |
|  | + 327 | - 20 | + 125 | - 5 | + 227 |
|  | - 248 | - 116 | - 229 | - 4 | + 101 |
| Apr. $\begin{array}{rr} \\ & 2 \\ 9 & p \\ & 16 p \\ & 23\end{array}$ | - 294 | + 50 | - 272 | + 25 | - 97 |
|  | + 36 | + 119 | + 202 | - 15 | - 270 |
|  | + 580 | + 380 | + 41 | + 29 | + 130 |
|  | + 352 | - 427 | + 655 | $+5$ | + 119 |
| PROJECTED |  |  |  |  |  |
| 1969--Apr. 30 | - 645 | - 145 | - 600 | -- | + 100 |
| May 7 | + 85 | + 80 | -- | -- | $+\quad 5$ |
| 14 | + 90 | -- | -- | -- | + 90 |
| 21 | - 150 | -- | + 370 | -- | + 520 |
| 28 | - 300 | -- | - 300 | -- | -- |

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- Preliminary.

Table B-4
SOURCE OF FEDERAL RESERVE CREDIT
Retrospective Changes
(Dollar amounts in millions of dollars, based on weekly averages of daily figures)

| Period | $\|$Total Federal <br> Reserve credit <br> (Excl. float) | U.S. Government securities |  |  |  | Federal Agency Securities | Bankers' acceptances | Member banks borrowings |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{\|c\|} \hline \text { Total } \\ \text { holdings } \\ \hline \end{array}$ | Bills | Other | Repurchase agreements |  |  |  |
| sar: |  |  |  |  |  |  |  |  |
| $\overline{1967}(12 / 28 / 66-12 / 27 / 67)$ | +4,718 | +5,009 | +4,433 | +1,153 | - 577 | - 19 | - 69 | - 203 |
| 1968 (12/27/67-12/25/68) | +3,757 | +3,298 | +2,143 | +1,176 | - 21 | 3 | - 52 | + 514 |
| Year-to-date: |  |  |  |  |  |  |  |  |
| (12/27/67-4/24/68) | +1,237 | + 997 | + 504 | + 574 | - 81 | - 7 | - 59 | + 306 |
| (12/25/68-4/23/69) | + 601 | + 264 | - 151 | + 252 | + 163 | + 16 | + 46 | + 275 |
| Weekly: |  |  |  |  |  |  |  |  |
| 1969--Jan. 1 | +1,230 | + 742 | + 576 | -- | $+166$ | + 7 | + 20 | + 461 |
| 8 | - 470 | $+344$ | + 398 | -- | - 54 | $+5$ | $+3$ | - 822 |
| 15 | - 205 | - 347 | - 175 | -- | - 172 | - 16 | - 31 | + 189 |
| 22 | - 389 | - 480 | - 480 | -- | -- | -- | - 4 | + 95 |
| 29 | - 396 | - 503 | - 503 | -- | -- | -- | 2 | + 109 |
| Feb. 5 | - 69 | + 77 | + 69 | -- | $+8$ | - | $+1$ | - 147 |
| 12 | $+242$ | + 146 | -- | -- | $+146$ | $+13$ | + 28 | $+\quad 55$ |
| 19 | + 631 | + 306 | + 55 | -- | + 251 | + 15 | + 65 | + 245 |
| 26 | - 638 | - 292 | - 69 | $+85$ | - 308 | - 20 | - 39 | - 287 |
| Mar. 5 | - 120 | - 63 | - 69 | -- | + 6 | $+2$ | - 36 | - 23 |
| 12 | $+\quad 34$ | - 87 | - 89 | + 74 | - 72 | - 7 | - 13 | + 141 |
| 19 | + 45 | + 105 | - 123 | + 82 | + 146 | + 9 | + 30 | - 99 |
| 26 | + 70 | - 109 | - 109 | $+\quad 11$ | - 11 | + 2 | - 11 | + 188 |
| Apr. 2 | + 357 | $+103$ | + 51 | -- | + 52 | $+10$ | $+13$ | + 231 |
| 9 p | - 113 | $+146 *$ | + 57 | -- | - 7 | - 9 | - 2 | - 248 |
| 16 p | - 379 | - 143* | - 559 | -- | - 211 | - 15 | - 34 | - 187 |
| 23 p | $+\quad 771$ | $+319 *$ | + 819 | -- | + 223 | + 20 | + 58 | + 374 |

[^2]Chart Reference Table C-1
TOTAL, NONBORROWED AND REQUIRED RESERVES
Seasonally Adjusted
(Dollar amounts in millions, based on monthly averages of daily figures)

| Period | Total reserves | Nonborrowed reserves | Required reserves |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | Against private deposits |  |
|  |  |  |  | Total | Demand |
| 1966--July | 23,293 | 22,552 | 22,864 | 22,344 | 16,963 |
| Aug. | 23.029 | 22,336 | 22,687 | 22,320 | 16,908 |
| Sept. | 23065 | 22,319 | 22,712 | 22,349 | 16,922 |
| Oct. | 22954 | 22,243 | 22,629 | 22,229 | 16,827 |
| Nov. | 22915 | 22,303 | 22,593 | 22,198 | 16,810 |
| Dec. | 22,895 | 22,286 | 22,600 | 22,262 | 16,825 |
| 1967--Jan. | 23,217 | 22,770 | 22,875 | 22,298 | 16,774 |
| Feb. | 23,471 | 23,107 | 23,134 | 22,559 | 16.959 |
| Mar. | 23869 | 23,668 | 23,383 | 22,785 | 17,101 |
| Apr. | 23910 | 23,775 | 23,529 | 22,779 | 17,015 |
| May | 23.952 | 23,874 | 23,531 | 23,071 | 17,244 |
| June | 24,105 | 23,982 | 23,660 | 23,387 | 17,472 |
| July | 24.342 | 24,279 | 23,960 | 23,578 | 17,582 |
| Aug. | 24.627 | 24,586 | 24,234 | 23,776 | 17,701 |
| Sept. | 24,786 | 24,721 | 24,476 | 23,850 | 17,704 |
| Oct. | 25,121 | 25,020 | 24,810 | 23,995 | 17,805 |
| Nov. | 25,275 | 25,142 | 24,947 | 24,122 | 17,879 |
| Dec. | 25,153 | 24,848 | 24,914 | 24,157 | 17,860 |
| 1968--Jan. | 25,500 | 25,193 | 25,151 | 24,270 | 17,974 |
| Feb. | 25.765 | 25,401 | 25,389 | 24,333 | 18,025 |
| Mar. | 25,812 | 25,135 | 25,402 | 24,431 | 18,082 |
| Apr. | 25,623 | 24,938 | 25,276 | 24,487 | 18,133 |
| May | 25,711 | 24,984 | 25,236 | 24,751 | 18,387 |
| June | 25816 | 25,121 | 25,438 | 24,925 | 18,550 |
| July | 25,923 | 25,425 | 25,601 | 25,188 | 18,727 |
| Aug. | 26,431 | 25,918 | 26,053 | 25,340 | 18,765 |
| Sept. | 26395 | 25,947 | 26,158 | 25,294 | 18,621 |
| Oct. | 26,610 | 26,211 | 26,344 | 25,528 | 18,746 |
| Nov. | 26.732 | 26,160 | 26,524 | 25,749 | 18,883 |
| Dec. | 26,976 | 26,139 | 26,686 | 26,050 | 19,088 |
| 1969--Jan. | 27,193 | 26,441 | 27,009 | 25,921 | 19,066 |
| Feb. | 27,209 | 26,388 | 27,009 | 25,911 | 19,150 |
| Mar. $p$ | 27,038 | 26,109 | 26,801 | 25,859 | $19,117$ |
| Apr. proj. | 26928 | 25,915 | 26,636 | 25,989 | 19,263 |

[^3]Table G-2
DEPOSITS SUPPORTED BY REQUIRED RESERVES AT ALL MEMBER BANKS
Seasonally Adjusted
(Dollar amounts in billions, based on monthly averages of daily figures)

| Period | Total member bank deposits (credit 1/) | Time deposits | Private demand deposits 2/ | ```U.S. Gov't. demand deposits``` |
| :---: | :---: | :---: | :---: | :---: |
| 1966--July | 245.8 | 128.1 | 112.6 | 5.1 |
| Aug, | 245.6 | 128.8 | 112.3 | 4.5 |
| Sept. | 245.5 | 129.2 | 112.4 | 4.0 |
| Oct. | 244.4 | 128.6 | 111.7 | 4.0 |
| Nov. | 244.0 | 128.3 | 111.6 | 4.1 |
| Dec. | 244.6 | 129.4 | 111.7 | 3.5 |
| 1967--Jan. | 247.7 | 131.5 | 111.4 | 4.8 |
| Feb. | 251.0 | 133.3 | 112.6 | 5.1 |
| Mar. | 254.0 | 135.3 | 113.6 | 5.1 |
| Apr. | 255.8 | 137.2 | 113.0 | 5.6 |
| May | 257.2 | 138.7 | 114.5 | 4.0 |
| June | 259.5 | 140.8 | 116.0 | 2.6 |
| July | 262.4 | 142.8 | 116.7 | 2.9 |
| Aug. | 266.1 | 144.6 | 117.5 | 4.0 |
| Sept. | 268.4 | 146.3 | 117.6 | 4.5 |
| Oct. | 270.8 | 147.4 | 118.2 | 5.2 |
| Nov. | 272.9 | 148.6 | 118.7 | 5.6 |
| Dec. | 273.2 | 149.9 | 118.6 | 4.6 |
| 1968--Jan. | 274.7 | 149.9 | 119.4 | 5.4 |
| Feb. | 277.0 | 150.2 | 119.7 | 7.1 |
| Mar. | 278.0 | 151.2 | 120.1 | 6.7 |
| Apr. | 276.9 | 151.3 | 120.4 | 5.2 |
| May | 277.3 | 151.5 | 122.1 | 3.7 |
| June | 278.8 | 151.8 | 123.2 | 3.9 |
| July | 280.9 | 153.8 | 124.3 | 2.7 |
| Aug. | 285.9 | 156.5 | 124.6 | 4.8 |
| Sept. | 287.9 | 158.9 | 123.6 | 5.3 |
| Oct. | 290.9 | 161.5 | 124.5 | 5.0 |
| Nov. | 293.6 | 163.5 | 125.4 | 4.7 |
| Dec. | 296.7 | 165.8 | 126.7 | 4.2 |
| 1969--Jan. | 295.1 | 163.2 | 126.6 | 5.3 |
| Feb. | 294.8 | 161.0 | 127.2 | 6.7 |
| Mar. | 292.3 | 160.5 | 126.9 | 4.8 |
| Apr. proj. | 293.9 | 160.1 | 127.9 | 5.9 |

1/ Includes all deposits subject to reserve requirements--i.e., the total of time, private demand, and U.S. Government demand deposits. Movements in this aggregate correspond closely with movements in total member bank credit.
2/ Private demand deposits include demand deposits of individuals, partnerships and corporations and net interbank balances.
p - Preliminary.

TABLE C-2a
DEPOSITS SUPPORTED BY REQUIRED RESERVES AT ALL MEMBER BANRS
Seasonally adjusted
(Dollar amounts in billions, based on weekly averages of daily figures)

| Week ending: |  | Total member bank deposits (credit) 1/ | $\begin{aligned} & \text { Time } \\ & \text { deposits } \end{aligned}$ | Private demand deposits $2 /$ | U. S. Gov't. <br> demand deposits |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1968--Sept. | 4 | 286.7 | 157.9 | 124.7 | 4.1 |
|  | 11 | 287.0 | 158.3 | 124.1 | 4.6 |
|  | 18 | 287.8 | 158.9 | 123.5 | 5.4 |
|  | 25 | 288.8 | 159.4 | 123.4 | 6.0 |
| Oct. | 2 | 290.3 | 160.1 | 124.0 | 6.2 |
|  | 9 | 290.4 | 160.8 | 123.9 | 5.7 |
|  | 16 | 289.9 | 161.1 | 125.1 | 3.7 |
|  | 23 | 289.5 | 161.9 | 123.7 | 3.9 |
|  | 30 | 292.7 | 162.2 | 124.3 | 6.2 |
| Nov. | 6 | 293.9 | 162.6 | 125.5 | 5.8 |
|  | 13 | 293.6 | 163.0 | 124.2 | 6.3 |
|  | 20 | 292.9 | 163.6 | 125.9 | 3.4 |
|  | 27 | 294.1 | 164.7 | 126.1 | 3.4 |
| Dec. | 4 | 294.8 | 165.3 | 126.3 | 3.2 |
|  | 11 | 296.4 | 165.9 | 126.3 | 4.2 |
|  | 18 | 296.9 | 166.1 | 126.4 | 4.4 |
|  | 25 | 296.7 | 166.1 | 126.9 | 3.7 |
| 1969--Jan. | 1 | 297.4 | 165.5 | 127.9 | 4.0 |
|  | 8 | 297.2 | 164.4 | 128.2 | 4.5 |
|  | 15 | 294.9 | 163.9 | 126.7 | 4.3 |
|  | 22 | 294.4 | 162.8 | 126.0 | 5.6 |
|  | 29 | 293.8 | 162.1 | 124.9 | 6.8 |
| Feb. | 5 | 294.1 | 161.4 | 126.2 | 6.5 |
|  | 12 | 295.5 | 161.1 | 126.3 | 8.0 |
|  | 19 | 295.3 | 160.8 | 127.7 | 6.8 |
|  | 26 | 294.4 | 160.6 | 128.1 | 5.8 |
| Mar. | 5 | 293.6 | 160.4 | 127.6 | 5.6 |
|  | 12 | 293.8 | 160.6 | 126.7 | 6.5 |
|  | 19 | 292.1 | 160.5 | 126.6 | 5.1 |
|  | 26 | 291.2 | 160.7 | 126.9 | 3.6 |
| Apr. | 2 | 291.8 | 160.7 | 128.1 | 3.0 |
|  | 9 | 294.1 | 160.6 | 128.7 | 4.9 |
|  | 16 | 293.6 | 160.3 | 128.1 | 5.3 |
|  | 23 | 294.4 | 160.1 | 127.9 | 6.4 |

p-Preliminary.
1/ Includes all deposit subject to reserve requirements--i.e., the total of time, private demand, and U.S. Government demand deposits. Movements in this aggregate correspond closely with movements in total member bank credit.
2/ Private demand deposits include demand deposits on individuals, partnerships and corporations and net interbank balances.

TABLE C-3
MONEY SUPPLY AND TIME DEPOSITS AT ALL COMMERCIAL BANKS
Seasonally adjusted
(Dollar amounts in billions, based on monthly averages of daily figures)

| Monthly | Money Supply | Currency 1/ | Private <br> Demand <br> Deposits 2/ | Time Deposits <br> Adjusted |
| :---: | :---: | :---: | :--- | :---: |
| 1967--Jan. | 170.3 |  |  |  |
| Feb. | 171.8 | 38.5 | 131.8 | 161.0 |
| Mar. | 173.2 | 38.7 | 133.0 | 134.3 |
| Apr. | 172.5 | 39.0 | 133.5 | 163.5 |
| May | 174.4 | 39.1 | 135.3 | 165.9 |
| June | 176.0 | 39.3 | 136.7 | 168.1 |
| July | 177.8 | 39.4 | 138.4 | 170.1 |
| Aug. | 178.9 | 39.5 | 139.4 | 172.6 |
| Sept. | 179.1 | 39.7 | 139.4 | 174.8 |
| Oct. | 180.2 | 39.9 | 140.2 | 177.2 |
| Nov. | 181.0 | 40.1 | 141.0 | 180.4 |
| Dec. | 181.3 | 40.4 | 140.9 | 182.0 |
| 1968--Jan. | 182.3 | 40.6 | 141.7 | 183.5 |
| Feb. | 182.7 | 40.7 | 141.9 | 184.1 |
| Mar. | 183.4 | 41.1 | 142.9 | 185.2 |
| Apr. | 184.3 | 41.4 | 143.0 | 186.7 |
| May | 186.1 | 41.6 | 144.5 | 187.1 |
| June | 187.4 | 42.0 | 145.4 | 187.6 |
| July | 189.4 | 42.2 | 147.2 | 188.2 |
| Aug. | 190.3 | 42.6 | 147.6 | 190.4 |
| Sept. | 189.5 | 42.7 | 146.7 | 193.8 |
| Oct. | 190.2 | 42.8 | 147.4 | 196.6 |
| Nov. | 191.9 | 43.2 | 148.7 | 199.5 |
| Dec. | 193.1 | 43.4 | 149.6 | 201.9 |
| 1969--Jan. | 193.7 | 43.6 | 150.1 | 204.3 |
| Feb. | 193.8 | 43.9 | 149.9 | 202.5 |
| Mar. | 194.0 | 44.2 | 149.8 | 201.0 |
| Apr. proj. | 196.4 | 44.3 | 152.1 | 201.0 |
|  |  |  |  | 200.8 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

1/ Includes currency outside the Treasury, the Federal Reserve, and the vaults of all commercial banks.
2/ Includes (1) demand deposits at all commercial banks, other than those due to domestic commercial banks and the U.S. Government, less cash items in process of collection and Federal Reserve float; and (2) foreign demand balances at Federal Reserve Banks.
p - Preliminary.
r - Revised.


[^0]:    ${ }^{1}$ In some cases, original copies needed to be photocopied before being scanned into electronic format. All scanned images were deskewed (to remove the effects of printer- and scanner-introduced tilting) and lightly cleaned (to remove dark spots caused by staple holes, hole punches, and other blemishes caused after initial printing).
    ${ }^{2}$ A two-step process was used. An advanced optical character recognition computer program (OCR) first created electronic text from the document image. Where the OCR results were inconclusive, staff checked and corrected the text as necessary. Please note that the numbers and text in charts and tables were not reliably recognized by the OCR process and were not checked or corrected by staff.

[^1]:    1/ Includes issues carrying 5-year and 10-year call protection,

    *     - issues carry a 10 -year call protection.

[^2]:    *     - Includes effect of change in special certificates of $\$+96$ million of the week of April 9 , $\$+627$ million of the week of April 16 , and $\$-723$ million of the week of April 23.

[^3]:    p - Preliminary.

