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# MONETARY AGGREGATES AND MONEY MARKET CONDITIONS 

Prepared for the Federal Open Market Committee

By the Staff
board of governors of the federal reserve system

MONETARY AGGREGATES AND MONEY MARKET CONDITIONS

## Recent developments

(1) $M_{1}$ grew at a 10.6 per cent annual rate in March, a little more than projected in the last bluebook. Although growth in April is estimated to be somewhat slower, on average, the extent of the slowing is now expected to be less than anticipated. Thus, for the two monthe combined, $M_{1}$ now appears to be expanding at slightly above a 9 per cent annual rate, compared with the Comittee's $5 \frac{1}{2}$ to $8 \frac{1}{2}$ per cent range of tolerance adopted at the last meeting. Growth of $\mathrm{M}_{2}$, on the other hand, appears to be within the Comittee's two-month range of tolerance, as shown in the table below. With business loan demands very strong, and with large $C D$ run-offs expected around the tax date, banks have bid actively for large CD's and non-deposit sources of funds. As a result, expansion of the adjusted credit proxy has been much more rapid than anticipated-accelerating to a 12 per cent annual rate in March, and a projected 23 per cent annual rate in April.

Growth of Monetary Aggregates and RPD's
in March-April Target Period

Reserve and Monetary Aggregates (Crowth at SAAR in per cent)

RPD's
$M_{1}$
$M_{2}$

Memo:
Federal funds rate
(per cent per annum)

Range of Tolerance

4-7
$5 \frac{1}{2}-8 \frac{1}{2}$
$6 \frac{3}{4}-9 \frac{3}{4}$
$9-10 \frac{1}{2}$

Latest Estimates
14.1
9.2
8.8

Ave. for Statement
week ending
March 20-9.33
April $10-10.02$
(2) Because of the rapid expansion in CD's and bank credit, RPD growth appears likely to be well in excess of the upper limit of its range of tolerance. As may be seen from the table below, CD's and nondeposit sources absorbed considerably more reserves than originally expected. Private demand deposits also absorbed more reserves than expected, but the overshoot was considerably less than for $C D$ 's.

$\frac{$|  Comparison of Projected Changes in RPD's by Use  |
| :---: |
|  March-April 1974  |}{(In millions of dollars)}

Projections as of March 19, 1974 FOMC meeting

Change in Total RPD's 1/
Change in Category of Use:
Private demand deposits
Time deposits other than large CD's 132 $-26406$ $C D$ 's and nondeposit funds -26

Excess 33 35 I/ Changes from February to April 1974.
(3) In accordance with the discussion at the March 19 meeting, early in the inter-meeting period the Desk sought reserve conditions that would raise the Federal funds rate from the $9 \frac{1}{2}$ per cent level just reached at the time of the meeting to a level more consistent with the Committee's desires with respect to the monetary aggregates. Early action was considered desirable because of expected Treasury financing operations
at the end of March; a tax bill was auctioned on March 26 and a 2-year note on March 28. As the aggregates strengthened, the Desk became an even more reluctant supplier of nonborrowed reserves. By the close of the period, reserve operations were expected to be consistent with a Federal funds rate of 10 per cent or somewhat higher. Over the three full statement weeks ending within the inter-meeting period, member bank borrowing at Federal Reserve Banks has averaged nearly $\$ 1.5$ billion, about $\$ 350$ million larger than in the three preceding statement weeks.
(4) The combination of heavy business credit demands, tighter money market conditions, and developing evidence that the economy was not so weak as anticipated contributed to large across-the-board interest rate advances during the inter-meeting period. Advances in short-term rates ranged generally from 50 to 100 basis points. With rates on commercial paper and large bank CD's rising steeply, major banks came under particularly heavy pressure as both their business loans and the costs of funds to cover such loans increased. Reflecting this squeeze, the bank prime rate moved upward in rapid sequence from $8 \frac{3}{4}$ at the time of the last meeting to 10 per cent at a number of banks in the latest week. Bond yields rose 35 to 75 basis points during the period, with the consequent sudden large capital losses leading to some unsettlement in markets.
(5) Very recently, however, securities markets have shown some signs of stabilizing. This week's offerings of new corporate and municipal securities have been well received at the higher interest rate levels, and yields on some key U.S. Government securities have edged a little lower. Yield declines were quite sharp in the bill market, where
there is a technical shortage of supply. The 3 -month Treasury bill, for example, has traded most recently at 8.25 per cent, down from the recent high of 8.65 per cent.
(6) The large recent increases in rates on competing market securities have begun to exert pressures on non-bank financial intermediaries. While flows to these institutions remained quite favorable in March, New York City savings banks--typically the first to suffer from disintermediation--experienced large withdrawals in early April, comparable in relative magnitude to those of early April 1970. Industry reports suggest that intermediaries generally are taking a more cautious approach on mortgage commitments, and the most sensitive interest rates in mortgage markets have begun to rise.
(7) The table on the next page shows (in percentage annual rates of change) selected monetary and financial flows over various recent time periods. Appendix Table III compares money supply growth rates computed on a quarterly-average basis with those computed on a last-month-of-quarter basis. Projected figures on the two bases are shown in appendix Table IV for the three alternatives presented in the next section.

| Average of Past 3 Calendar Years | Past 12 Months | Past 6 <br> Months | Past 3 <br> Months | Past Month |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} 1971 \\ -\infty \\ 1973 \end{gathered}$ | $\begin{gathered} \text { Mar. } 74 \\ \text { over } \\ \text { Mar. } 173 \end{gathered}$ | $\begin{gathered} \text { Mar. } 174 \\ \text { over } \\ \text { Sept. } 173 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Mar. } 174 \\ \text { over } \\ \text { Dec. } 173 \end{gathered}$ | $\begin{gathered} \text { Mar. }{ }^{174} \\ \text { over } \\ \text { Feb. } 74 \end{gathered}$ |
| Total reserves 8.5 | 6.5 | 3.9 | 1.7 | -5.3 |
| Nonborrowed reserves 7.6 | 8.6 | 7.5 | 1.6 | -9.8 |
| Reserves available to support private nonbank deposits 8.8 | 8.9 | 3.9 | 6.2 | 12.1 |
| Concepts of Money |  |  |  |  |
| $M_{1}$ (currency plus demand deposits)l/ 6.9 | 6.5 | 7.2 | 6.7 | 10.6 |
| $\mathrm{M}_{2}\left(\mathrm{M}_{1}\right.$ plus time deposits <br> at commercial <br> banks other than <br> large CD's) $\quad 10.3$ | 9.3 | 10.0 | 9.5 | 8.7 |
| ```M3 (M at thrift insti- tutions) 11.7``` | 8.5 | 9.2 | 9.0 | 8.7 |
| Bank Credit |  |  |  |  |
| ```Total member banks deposits (bank credit proxy adj.) 10.5``` | 8.2 | 6.0 | 8.6 | 11.9 |
| Loans and investments of commercial banks2/ 12.8 | 11.7 | 10.4 | 16.2 | 17.1 |
| Short-term market paper |  |  |  |  |
| (Monthly avg. change in billions) |  |  |  |  |
| Large CD's 1.0 | 1.1 | 0.2 | 1.6 | 1.1 |
| Nonbank commercial paper 0.2 | 0.7 | 0.9 | 0.6 | -2.3 |
| (/f Other than interbank and U.S. Government. |  |  |  |  |
|  |  |  |  |  |
| NOTE: All items are based on ave total loans and iswestments of co institutions--which are derived month figures. Growth rates for are adjusted to remove the effect when reserve requirements are ch | ages of $d$ mercial b rom either reserve me of discon ged. | y figures, s, commerc d-of-month res in thi uities fro | except for al paper, or last and subs breaks i | data on and thrift nesday-of uent tabl the serie |

## Prospective developments

(8) Alternatives presented for Comittee consideration are sumarized below (with more detailed figures shown in the table on p. 6a).

Alt. A Alt. B Alt. C
Targets (2nd \& 3rd qtrs. combined)

| $M_{1}$ | $6 \frac{3}{4}$ | 6 | $5 \frac{1}{4}$ |
| :---: | :---: | :---: | :---: |
| $M_{2}$ | $8 \frac{3}{4}$ | $7 \frac{1}{4}$ | $6 \frac{3}{4}$ |
| Credit proxy |  |  |  |
| Associated ranges for <br> April-May | $11 \frac{3}{4}$ | $10 \frac{3}{2}$ | $9 \frac{1}{2}$ |
| RPD |  |  |  |
| $M_{1}$ | $10 \frac{3}{4}--12 \frac{3}{4}$ | $9 \frac{3}{4}--11 \frac{3}{4}$ | $8 \frac{3}{4}-10 \frac{3}{4}$ |
| $M_{2}$ | $6 \frac{3}{2}--8 \frac{1}{2}$ | $6--8$ | $5 \frac{3}{2}--7 \frac{1}{2}$ |
| Federal funds rate range | $8 \frac{3}{4}--10 \frac{3}{4}$ | $6 \frac{3}{4}--8 \frac{3}{4}$ | $6 \frac{3}{4}--8 \frac{3}{4}$ | (inter-meeting period)

(9) Alternative C represents continuation of the strategy with regard to the aggregates adopted by the Committee at its last meeting. That is, the alternative contemplates return of $M_{1}$ to the $5 \frac{3}{4}$ per cent longrun growth path (depicted in the chart on the following page) by September. Accomplishing this would appear to require interest rates somewhat higher than indicated at the last meeting, and also higher than those currently prevailing, in view of the stronger growth in nominal GNP that is now projected for the second and third quarters. The Federal funds rate range for the inter-meeting period thought to be consistent with the alternative C pattern for the aggregates is $9 \frac{3}{4}--11 \frac{1}{4}$ per cent, centering on $10 \frac{1}{2}$ per cent.

## MONEY SUPPLY AND LONGER RUN TARGET PATH


-6a-
Alternative Longer-Run Targets for Key Monetary Aggregates

| 1974 | Mar. | 274.9 | 274.9 | 274.9 | 584.3 | 584.3 | 584.3 | 913.4 | 913.4 | 913.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Apr. | 276.8 | 276.7 | 276.6 | 588.7 | 588.6 | 588.5 | 919.6 | 919.4 | 919.3 |
|  | May | 278.4 | 278.1 | 277.9 | 592.4 | 591.9 | 591.4 | 924.8 | 924.1 | 923.4 |
|  | June | 279.8 | 279.4 | 279.0 | 596.3 | 595.2 | 594.2 | 930.8 | 929.0 | 927.7 |
|  | Sept. | 284.3 | 283.4 | 282.3 |  |  |  | 947.3 | 942.6 | 938.9 |
| Quarters: |  | Rates of Growth |  |  |  |  |  |  |  |  |
| 1974 | 2nd $Q$. | 7.1 | 6.5 | 6.0 | 8.2 | 7.5 | 6.8 | 7.6 | 6.8 | 6.3 |
|  | 3rd Q. | 6.4 | 5.7 | 4.7 | 8.3 | 7.0 | 5.7 | 7.1 | 5.9 | 4.8 |
| Months: |  |  |  |  |  |  |  |  |  |  |
|  | Apr. | 8.3 | 7.9 | 7.4 | 9.0 | 8.8 | 8.6 | 8.1 | 7.9 | 7.8 |
|  | May | 6.9 | 6.1 | 5.6 | 7.5 | 6.7 | 5.9 | 6.8 | 6.1 | 5.4 |
|  |  | Adjusted Credit Proxy |  |  | Total Reserves |  |  | RPD |  |  |
|  |  | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C |
| 1974 | Mar. | 459.3 | 459.3 | 459.3 | 34,952 | 34,952 | 34,952 | 33,122 | 33,122 | 33,122 |
|  | Apr. | 468.2 | 468.1 | 468.1 | 35,786 | 35,775 | 35,764 | 33,571 | 33,560 | 33,549 |
|  | May | 470.0 | 469.6 | 469.3 | 36,023 | 35,971 | 35,914 | 33,770 | 33,718 | 33,662 |
|  | June | 472.6 | 471.9 | 471.3 | 35,805 | 35,739 | 35,671 | 33,856 | 33,792 | 33,725 |
|  | Sept. | 485.3 | 483.3 | 481.5 | 36,615 | 36,466 | 36,311 | 34,628 | 34,478 | 34,322 |
| Quarters: |  |  |  |  |  |  |  |  |  |  |
| 1974 | 2nd $Q$. | 11.6 | 11.0 | 10.5 | 9.8 | 9.0 | 8.2 | 8.9 | 8.1 | 7.3 |
|  | 3rd Q. | 10.7 | 9.7 | 8.7 | 9.1 | 8.1 | 7.2 | 9.1 | 8.1 | 7.1 |
| Months: |  |  |  |  |  |  |  |  |  |  |
|  | Apr . | 23.3 | 23.0 | 23.0 | 28.6 | 28.2 | 27.9 | 16.3 | 15.9 | 15.5 |
|  | May | 4.6 | 3.8 | 3.1 | 8.0 | 6.6 | 5.0 | 7.1 | 5.7 | 4.0 |

(10) Alternative $B$ calls for somewhat more rapid growth in the monetary aggregates over the second and third quarters, typified by a 6 per cent growth rate for $M_{1}$. The $B$ growth rates seem obtainable with little further significant change in money market conditions and short-term interest rates, in light of the sharp increases in short-term rates that have already occurred during the past two months. Thus, the Federal funds rate under this alternative centers around 10 per cent. The otill more rapid longer-run growth rates of alternative A--including a $6 \frac{3}{4}$ per cent rate for $M_{1}$ over the second and third quarters-appear likely to be associated with declines in both short- and long-term interest rates.
(11) Over the April-May period, $M_{1}$ growth is likely to be somewhat above the long-run path. Under alternative $B$, for example, $M_{1}$ growth is indicated in the 6--8 per cent range. These above-path increases reflect in large part the sizable expansion in $M_{1}$ currently estimated for April. Given the lagged relationship between interest rates and money demand, however, $M_{1}$ growth is expected to moderate later as it approaches the longer-run path.
(12) Between now and mid-May, short-term interest rates could decline somewhat under alternative $B$. Indeed, the very recent drop in the 3 -month bill rate probably is anticipating some of the potential for downward rate adjustments. Any decline that did develop over the next few weeks is very likely to be temporary, assuming a 10 per cent Federal funds rate, Over the longer run, the 3 -month bill rate would seem most likely to fluctuate around a $8 \frac{3}{2}-8 \frac{3}{4}$ per cent range.
(13) A number of factors might contribute to temporary easing in short-term markets in the weeks immediately ahead. The extremely large issuance of new $C D$ 's by banks, which has contributed to recent upward pressures on short-term rates, has partly reflected advance preparation for large tax date maturities, and those pressures should abate after mid-April. Funds from large oil payments in April may also become available to the short-term sector of U.S. credit markets via U.S. banks' use of the Euro-dollar market. In addition, that portion of the $\$ 4 \frac{2}{2}$ billion of maturing April tax bills not turned in for taxes would generate reinvestment demand for short-term securities. Finally, the Treasury's May refunding--to be announced on May 1--might include some cash redemption of the $\$ 5 \frac{1}{2}$ billion of maturing publicly held debt because of the possibility of debt ceiling problems.
(14) A rise in the funds rate over the next few weeks--such as would be likely under alternative C -- would generate market expectations of a further tightening of monetary policy. This would offset any tendency for short-term rates to decline, even temporarily, and would probably result in further upward adjustments. Over the next few months, the 3 -month bill rate could be around 9 per cent, and possibly higher in the summer when Treasury cash borrowing demands are seasonally strong.
(15) Under alternative $B$, with market interest rates little changed on balance from current high levels, net savings inflows to nonbank thrift institutions are likely to be slower than the 8 per cent first-quarter pace. We would estimate a growth rate of about 6 per cent in the second quarter and 4 per cent in the third, assuming no change in

Regulation Q. Under alternative $C$, these institutions would come under greater pressure, of course, but in either case some tightening in the availability of mortgage loan conmitments would be likely, compared with the situation in the early months of the year.
(16) Net inflows to commercial banks of time and savings deposits other than large CD's are likewise expected to be slower over the months ahead than in the first quarter, though the experience of banks may continue to be somewhat better than at thrift institutions. Commercial banks appear to be having greater success than the specialized thrift institutions in attracting large time deposits (those of $\$ 100,000$ or more) that are not subject to Regulation $Q$ ceilings. Such deposits are reported as part of the other time and savings category and, unlike large negotiable $C D^{\prime}$ s, are included in the $M_{2}$ measure.
(17) We would expect banks to offset some part of any loss in other time and savings deposits through increased issuance of large CD's or greater borrowing in the Euro-dollar market, depending on relative costs. However, under any of the alternatives presented, the amount of borrowing by banks through CD's and nondeposit sources is expected to be considerably less than in recent weeks, partly because preparations for tax-date runoffs will have been completed and partly because business loan demand on banks is expected to moderate from the exceptionally rapid pace of March. Moreover, it is probable that the spread between the bank lending rate and the commercial paper rate will favor bank credit less than was the case in March.
(18) In intermediate- and long-term debt marke ts, demands are likely to remain strong over the weeks ahead. Corporate and State and local government bond offerings remain quite high, despite recent postponements. Also, the Treasury refunding will probably involve marketing securities with mainly intermediate-term maturities. Given the volume of private and governmental securities in prospect, bond yields could rise considerably further under alternative C. High-grade corporate issues, which are already above their summer highs, could approach their 1970 peaks, and Treasury notes and bonds could rise above them (the 20 year Treasury bond is already above the earlier peak). Under alternative B, further upward adjustments in bond yields are likely to be comparatively modest, given the increases that already have occurred and the stabilizing tendencies that we would expect in short-term markets.
(19) Under alternative $A$, savings inflows to thrift institutions would be expected to recover to close to their first-quarter pace, as receding market rates provide less competition for savings funds. At banks, deposits inflows--both demand and consumer-type time and savings-would probably be well sustained. As a result, credit demands could be financed without banks adding to pressures on credit markets through aggressive issuance of large $C D$ 's or reductions in portfolio liquidity.

## Proposed directive language

(20) Presented below are three alternative formulations for the operational paragraph of the directive, which are intended to correspond to the similarly lettered policy alternatives discussed in the preceding section. For all three alternatives, it is proposed to include a reference to Treasury financing because the regular May refiaanciag will be announced on May 1.

## Alternative A

To implement this policy, while taking account of THE FORTHCOMING TREASURY FINANCING AND OF international and domestic financial market developments, inefuding-the prospective-Freasury-finaneing; the Comnittee seeks to achieve bank reserve and money market conditions that-woukd-mederate CONSISTENT WITH growth in monetary aggregates over the months ahead SUFFICIENT TO ACCOMMODATE MODERATE EXPANSION IN REAL GNP AT THE RIGAER DOLLAR VALDES HON PREVAILING.

## Alternative B

To implement this policy, while taking account of THE FORTHCOMING TREASURY FINANCING AND OF international and domestic financial market developments, sheluding the-prospective-sreasury-Einaneing; the Committee seeks to echieve bank reserve and money market conditions that would moderate SOMEWHAT growth in monetary aggregates over the months ahead.

## Alternative C

To implement this policy, while taking account of
THE FORTHCOMING TREASURY FINANCING AND OF international and domestic financial market developments, ineiuding-the prespective-Tyeasury-finaneing; the Committee seeks to achieve bank reserve and money market conditions that would moderate growth in monetary aggregates over the months ahead.
(21) In the event that the Committee wishes to couch the operational paragraph of the directive in terms of money market conditions, the specifications of alternative $B$ might be associated with language indicating that "...the Committee seeks to maintain about the prevailing money market conditions, provided that the monetary aggregates appear to be growing at rates within the specified ranges of tolerance."

## RESERVES AVAILABLE TO SUPPORT PRIVATE NONBANK DEPOSITS



[^1]
## MONETARY AGGREGATES

revised series


## MONETARY AGGREGATES



TOTAL RESERVES


## MONEY MARKET CONDITIONS AND INTEREST RATES


(ACTUAL AND CURRFNT PRDJFCTIONS)


NOTEI DATA SHOWN IN PARENTHESES ARE CURRENT DROJECTIONS. AT THE FOMC MEETING OF MARCH $1 Y$. $1 Y 74$ THE ROMMITTEE AGREFD ON $\triangle$ RPD RANGE OF 4 TO 7 PERTENT FOF THF MAR-APK PERIOD.


TABLE 3
RESERVE EFFECTS OF
OPEN MARKET OPERATIONS AND OTHER RESERVE FACTORS
(Millions of dollars, not seasonally adjusted)

|  | Open Market Operations 1/ |  |  |  |  | Daily Average Reserve Effect $2 /$ |  |  | $\Delta$ in reserve categories |  | $\Delta$ Target |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Bilis } \\ & \text { \& Accept. } \end{aligned}$ | Coupon Issues | Agency Issues | Net 3 | Total | Open Market Operations | $\Delta$ Member <br> Bank Borrowing | Other $4 /$ <br> Factors | req. res. against U.S.G. and interb. | available res 5 / $(6)+(7)+(8)-(9)$ | avatlable reserves 5/ |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Monthly |  |  |  |  |  |  |  |  |  |  |  |
| 1973 -- Sept | -494 | -- | -30 | 531 | 7 | -583 | -282 | 1,150 | -149 | 434 | 475 |
| Oct. | 1,972 | -- | 172 | 295 | 2,440 | 1,986 | -395 | -678 | 379 | 534 | 1,005 |
| Nov. | -1,008 | 533 | 71 | -902 | -1,307 | 394 | -68 | -646 | -190 | -130 | 860 |
| Dec. | 1,862 | 226 | 128 | -831 | 1,386 | 1,336 | -101 | -759 | -70 | 546 | 475 |
| 1974 -- Jan | -397 | 179 | -10 | -100 | -328 | 1,031 | -254 | 698 | 773 | 702 | 895 |
| Teh. | -37 | 30 | 74 | -- | 71 | 9 | 143 | -1,505 | -356 | -997 | -875 |
| March | -64 | 190 | 122 | 1,531 | 1,780 | -74 | 166 | -302 | -323 | 113 | -30 |
| April |  |  |  |  |  |  |  |  |  |  | 315 |
| May |  |  |  |  |  |  |  |  |  |  |  |
| Weekly |  |  |  |  |  |  |  |  |  |  |  |
| 1974 -- Feh. 6 | -382 | -- | -38 | -1,864 | -2,285 | -685 | -222 | 243 | 31 | -695 |  |
| 13 | 394 | -- | -- | 2,288 | 2,683 | 269 | 155 | -551 | 165 | -292 |  |
| 20 | 185 | 30 | 120 | 1,049 | 1,384 | 888 | 223 | -1,071 | 101 | -61. |  |
| 27 | -124 | -- | -8 | -3,106 | -3,238 | -1,001 | -125 | 589 | -427 | -110 |  |
| Max. 6 | -759 | -- | -5 | 370 | -394 | -376 | -339 | 497 | -326 | 108 |  |
| 13 | -416 | -- | -43 | 2,116 | 1,657 | -21 | 71 | 65 | 332 | -217 |  |
| 20 | 451 | 190 | -- | -893 | -252 | 677 | 501 | -732 | 25 | 421 |  |
| 27 | -18 | -- | 170 | -1,474 | -1,321 | 136 | 229 | -812 | -387p | 60 p |  |
| Apr 3 | -- | -- | -- | 251 | 251 |  |  | 480 | 532p |  |  |
| 10 17 | -5 | -- | -- | -. | -5 | -785 | -308 | 752 | -182p | $-159 p$ |  |
| $\begin{aligned} & 17 \\ & 24 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |

$1 /$ Represents change in System's portfolio from end-of-period to end-of-period, includes redemptions in regular bill auctions
2/ Represents change in daily average level for preceding period
3/ Includes matched sale-purchase transactions as well as RP's.
$\frac{4}{4} /$ Sum of changes in vault cash, currency in circulation, Treasury operations, F.R. float, gold and foreign accounts, and other f. R. accounts,
$\underline{5}^{\prime}$ Reserves to support private nonbank deposits. Target change for March and Aprii reflects the target adopted at the March 19 , 1974 Fomi meeting. Target change for previous months reflects the bluebook patterns that are consistent with target ranges that were adopted during the month.

TABLE 4
SECURITYY DEALER POSITIONS AND BANK POSITIONS
Millions of dollars

| Period | II S Govt. Security Dealer Positions |  | Dealer Positions |  | Member Bank Reserves Positions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Corporate Bonds | $\begin{gathered} \text { Municipal } \\ \text { Bonds } \\ \hline \end{gathered}$ | Excess** Reserves | Borrowing at FRB** |  | Basic Reserve Deficit |  |
|  | Bi11s | Coupan Issues |  |  |  | Total | Seasonal | 8 New York | 38 Qthers |
|  | (1) | (2) | (3) | (4) | (5) | (5) | (7) | (8) | (9) |
| 1973 -- High | 3,796 | 1,299 | 197 | 384 | 631 | 2,561 | 163 | -5,243 | -10,661 |
| Low | 897 | -301 | 0 | 36 | -240 | 688 | 3 | -1,831 | -4,048 |
| 1974 -- High | 3,238 | 2,203 | 253 | 371 | 388 | 1,713 | 48 | -6,189 | -11,987 |
| -- Low | 1,501 | 154 | 1.4 | 46 | -83 | 776 | 13 | -3,229 | -9,54 |
| 1973 -- Mar. | 2,490 | -50 | 24 | 125 | 177 | 1,825 |  | -4,273 | -5,847 |
| Apr. | 2,457 | 106 | 12 | 60 | 255 | 1,688 | 3 | -3,293 | -6,577 |
| May | 1,894 | 421 | 66 | 151 | 161 | 1,843 | 30 | -3,019 | -5,872 |
| June | 2,281 | 562 | 33 | 120 | 234 | 1,851 | 75 | -3,507 | -6,443 |
| July | 1,425 | 265 | 24 | 139 | 285 | 1,953 | 155 | -2,460 | -6,106 |
| Aug. | 1,690 | 39 | 0 | 70 | 177 | 2,165 | 163 | -2,689 | -4,940 |
| Sept. | 2,745 | 395 | 6 | 80 | 216 | 1,852 | 148 | -3,173 | -5,355 |
| Oct. | 2,565 | 484 | 44 | 226 | 227 | 1,476 | 126 | -3,814 | -6,090 |
| Nov. | 2,804 | 793 | 90 | 148 | 239 | 1,393 | 84 | -4,469 | -8,186 |
| Dec. | 3,441 | 973 | 105 | 276 | 307 | 1,298 | 41 | -4,682 | -9,793 |
| 1974 -- Jan. | 3,102 | 540 | 114 | 254 | 162 | 1,051 | 18 | -4,753 | -10,893 |
| Feb. | 2,436 | 1,619 | 120 | 263 | 184 | 1,162 | 17 | -5,262 | -10,769 |
| Mar | * 1,986 | * 583 | 68 | 239 | 136p | 1,314p | 32p | -5,022p | -10,947p |
| 1974 -- Feb 6 | 2,759 | 898 | 88 | 226 | 124 | 998 | 18 | -4,118 | -10,417 |
| 13 | 2,781 | 2,203 | 253 | 210 | 294 | 1,153 | 15 | -5,656 | -10,719 |
| 20 | 2,171 | 1,882 | 95 | 245 | 114 | 1,376 | 20 | -5,726 | -10,863 |
| 27 | 2,096 | 1,508 | 115 | 299 | 206 | 1,251 | 16 | -5,341 | -10,907 |
| Mar . 6 | 2,474 | 1,097 | 114 | 298 | 118 | 912 | 19 | -5,911 | -10,497 |
| 13 | 2,466 | 848 | 14 | 286 | 116 | 983 | 19 | -5,858 | -11,388 |
| 20 | *1,501 | * 520 | 71 | 167 | 80 | 1,483 | 34 | -4,304 | -11,441 |
| 27 | $\cdots{ }^{1,538}$ | * 154 | 73 | 204 | 147p | 1,713p | 44 p | -4,402 | -11,298 |
| Apr 3 | *2,264 | * 263 | 86 | 97 | 306p | 1,503p | 48p | -4,078p | -11,226p |
| 10 | * 2,120 | * 212 | 55p | 46 | 236 p | 1,195p | $41 p$ | -5,396p | -11,482p |
| 17 |  |  |  |  |  |  |  |  |  |
| 24 |  |  |  |  |  |  |  |  |  |

NOTE: Government security dealer trading positions are on a comitment basis. Trading positions, which exclude Treasury bills financed by repurchase agreehents mar in 16 days or more, are indicatore of dealer holdings available for sale over the near term. Other security dealer positions are debt issues stili in syndicate, excluding trading positions. The basic reserve deficit is excess reserves less borrowing at Federal Reserve less net
Federal funds purchases. Weekly data are daily averages for statement weeks, except for corporate and municipal issues in syndicate which are Friday figures

* STRICTLY CONFIDENTIAL
** Monthly averages for excess reserves and borrowing are weighted averages of statement week figures.

TABLI 5
APRIL 12,1974
SEIECTED INTEREST RATES
Per cent

| Period | Short-Term |  |  |  |  |  | Lnng-Term |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Federal Funds | Treasur | Bills | 90-119 Day Gommercial paper | CD's New Issue-NYC |  | Aaa vtility |  | Municipal <br> Bond Buyer | U.S Government (10-yr Constant Maturity) | FAMA <br> Auction <br> Yields |
|  |  | $\text { 90-Day } 1 \text {-Year }$ |  |  | 60-89 Day | 9n-119 Day | $\begin{aligned} & \text { New } \\ & \text { I ssue } \end{aligned}$ | Recently offered |  |  |  |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| 1973 -- H1gh | 10.84 | 8.95 | 843 | 10.50 | 10.50 | 10.75 | 852 | 8.30 | 5.59 | 7.54 | 9.37 |
| Low | 5.61 | 5.15 | 542 | 5.63 | 5.38 | 550 | 729 | 7.26 | 499 | 6.42 | 769 |
| 1974-- High | 10.12 | 8.60 | 8.10 | 9.63 | 9.75 | 0.75 | 913 | 8.97 | 5.75 | 7.50 | 8.95 |
| Low | 8.81 | 7.04 | 6.39 | 7.88 | 8.00 | 7.88 | 8.05 | 8.14 | 5.16 | 6.93 | 843 |
| 1973 -- Mar | 709 | 6.09 | 6.53 | 6.76 | 6.78 | 675 | 749 | 7.51 | 5.79 | 671 | 778 |
| Apr. | 712 | 6.26 | 6.51 | 7.13 | 704 | 675 | 746 | 7.48 | 5.15 | 6.67 | 7.89 |
| May | 784 | 6.36 | 6.63 | 7.26 | 7.44 | 741 | 7.51 | 750 | 5.15 | 6.85 | 7.98 |
| June | 8.49 | 7.19 | 7.05 | 8.00 |  | 8.13 | 764 | 764 | 5.18 | 6.90 | 8.07 |
| July | 10.40 | 8.01 | 7.97 | 926 | 9.09 | 9.19 | 801 | 797 | 540 | 7.13 | 846 |
| Aug | 10.50 | 8.67 | 832 | 1026 | 10.25 | 10.40 | 836 | 822 | 5.48 | 7.40 | 883 |
| Sept | 10.78 | 8.29 | 8.07 | 10.31 | 10.31 | 1050 | 7.88 | 799 | 5.10 | 709 | 9.32 |
| Oct | 10.01 | 7.22 | 7.17 | 914 | 9.15 | 9.08 | 7.90 | 794 | 5.05 | 6.79 | 901 |
| Nov. | 10.03 | 7.83 | 7.40 | 911 | 9.06 | 891 | 790 | 794 | 5.18 | 673 | 8.84 |
| Dec |  |  | 7.01 | 928 | 9.44 | 9.13 | 800 | 804 | 512 | 674 | 8.78 |
| 1974 -- tan | 965 | 7.77 | 7.01 | 885 | 9.05 | 883 | 821 | 822 | 5.22 | 6.99 | 8.71 |
| Feb | 897 | 7.12 | 6.51 | 8.00 | 8.09 | 7.97 | 812 | 8.23 | 5.20 | 6.96 | 8.48 |
| Mar. | 935 | 7.97 | 7.34 | 8.64 | 8.69 | 8.56 | 8.46 | 8.42 | 5.41 | 7.21 | 8.53 |
| 1974 -- Feb 6 | 913 | 7.15 | 6.59 | 8.25 | 8.13 | 8.00 | 813 | 819 | 5.16 | 6.94 | -- |
| 13 | 893 | 7.08 | 6.47 | 8.03 | 8.13 | 8.00 | 8.05 | 8.25 | 5.18 | 6.93 | 8.53 |
| 20 | 907 | 7.04 | 6.39 | 788 | 8.00 | 7.88 | 8.10 | 8.24 | 5.21 | 6.96 | -- |
| 27 | 8.81 | 7.20 | 6.54 | 7.88 | 8.13 | 800 | 8.30 | 8.29 | 5.26 | 7.01 | 8.43 |
| Mar 6 | 8.98 | 7.60 | 6.91 | 8.15 | 8.25 | 8.13 | 8.37 | 8.27 | 5.27 | 7.08 | -- |
| 13 | 9.03 | 7.81 | 7.02 | 8.33 | 8.38 | 8.25 | 8.33 | 837 | 5.32 | 7.12 | 8.44 |
| 20 | 9.33 | 7.93 | 7.26 | 8.58 | 8.75 | 8.63 | 8.59 | 8.52 | 5.46 | 7.28 | -- |
| 27 | 961 | 8.22 | 7.83 | 9.10 | 9.38 | 9.25 | 8.64 | 8.67 | 5.57 | 7.38 | 8.62 |
| Apr. 3 | 9.93 | 8.41 | 7.84 | 9.45 | 9.38 | 9.25 | 8.78 | 8.75 | 5.73 | 7.47 | -- |
| 10 | 10.02 | 8.60 | 8.10 | 963 | 975 | 9.75 | 913 p | $8.92 p$ | 5.75 | 7.50 p | 8.95 |
| 17 24 |  |  |  |  |  |  |  |  |  |  |  |

NOTES: Wcekly data cor column 1 to 4 are statement week averages of daily data columns 5 and 6 are one-day Wednesday quotes. 「or Columns 7,8 and 10 the weekly date is the mod-point of the calendar week over which data are averaged. Column 9 is a one-day quote for Thursday following the end of the statement weck. Column ll gives FNMA auction data for the fonday preceding the cad of the statement week. The fNMA auction yield is the average yield in the bi-weekly auction for short-term forwird commitments for Government underwritten nortgages

| Feriod | RESERVES |  |  | money stock matasures |  |  | bank CREDIT measures |  | Otier |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Nonborrowed | Available to Support Pvt. Deposits | $\mathrm{M}_{1}$ | $\mathrm{M}_{2}$ | $\mathrm{M}_{3}$ | Adjusted Credit Proxy | Total. <br> Loans and Investments | $\begin{aligned} & \text { Total } \\ & \text { Time } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Time } \\ \text { Other than } \\ \text { CD's } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Thrift } \\ & \text { Institution } \\ & \text { Deposits 1/ } \\ & \hline \end{aligned}$ | CD's | Nondeposit Funds | $\begin{gathered} \text { U.S. } \\ \text { Cov't } \\ \text { Demand } \end{gathered}$ |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
|  |  |  |  | (Per Cent Annual Rates of Growth) |  |  |  |  |  |  |  | (Dollar Change in Billions) |  |  |
| Annually: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1970 | +6.0 | +9.3 | +8.7 | +6.0 | +8.4 | +8.0 | +8.2 | +8.1 | +17.9 | +11.1 | +7.1 | +14.4 | -8.4 | +1.2 |
| 2972 | +7.2 | +7.8 | +6.9 | +6.3 | +11.2 | +13.4 | +9.4 | +11.2 | +18.2 | +16.7 | +17.5 | + 7.7 | -7.6 | -0.4 |
| 1972 | +10.6 | +7.7 | +10.1 | +8.7 | +11.1 | +13.1 +8.6 | +11.6 | +14.6 | +15.7 | +13.5 | +16.9 +8.6 | +10.4 | +0.4 +3.0 | - |
| 1973 | +7.8 | +7.2 | +9.3 | +5.7 | +8.6 | +8.6 | +10.6 | +12.6 | +15.9 | +11.3 | +8.6 | +19.4 | +3.0 | -1.2 |
| $\begin{aligned} & \frac{\text { Sead -Annually: }}{\text { REt } \operatorname{ARIf} 1972} \\ & \text { 2nd Half } 1972 \end{aligned}$ | +1.0.8 | +11.0 | +8.3 | +7.7 | +10.7 | +13.0 | +11.2 | +13.6 | +15,4 | +13.8 | +17.3 | +4.4 | -0,2 | -1.0 |
|  | +9.9 | +4.1 | +11.5 | +9.4 | +10.9 | +12.5 | +11.3 | +14.7 | +14.8 | +13.8 | +15.4 | 46.0 | +0.6 | +0.1 |
| 1st Half 1973 | +6.7 | +1.6 | +10.3 | +7.7 | $+9.1$ | +10.0 | +13.8 | +16.6 | +20.7 | +10.3 | +11.7 | +18.6 | +1.2 | -0.8 |
| 2nd Helf 1973 | +8.6 | +12.7 | +7.8 | +3.7 | +7.8 | +6.9 | +7.0 | +8.0 | +10.0 | +11.6 | +5.3 | +0.8 | +1.8 | -0.4 |
| Quarterly |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1st Qtr. 1972 | +8.7 | +9.1 | +9.6 | +9.0 | +12.3 | +14.6 | +10.5 | +15.7 | +14.5 | +15.5 | +18.9 | +0.7 | -0.3 | -0.4 |
| 2nd Qtr. 1972 | +12.6 | +12.6 | +6.9 | +6.2 | +8.9 | +10.9 | +11.6 | +11.1 | $+15.7$ | +11.7 | +14.7 | +3.7 | +0.1 | $+0.3$ |
| 3rd Qtr. 1972 | +4.4 | -0.9 | +10.4 | +8.7 | +10.8 | +12.8 | +10.2 | +13.0 | +14.3 | +12.7 | +16.2 | +2.4 | +0.3 | -1.1 |
| 4th Qtr. 1972 | +15.1 | +9.2 | +12.2 | +9.9 | +10.6 | +11.8 | +12.1 | +15.8 | +14.8 | +11.4 | +13.9 | +3.6 | +0.3 | +1.2 |
| 1st Qtr. 1973 | $+6.4$ | -3.6 | +7.8 | +3.8 | $+6.9$ | +9.4 | +14.6 | +19.9 | +22.7 | +9.9 | +13.6 | +11.2 | +0.5 | +1.5 |
| 2nd Qtr. 1973 | +6.9 | +7.0 | +12.5 | +11.5 | +11.1 | +10.4 | +12.6 | +12.7 | +17.8 | +10.4 | +9.4 | +7.4 | +0.7 | -2.3 |
| 3rd Qtr. 1973 | +10.6 | +11.3 | +14.2 | -0.2 | +5.2 | +4.5 | +10.5 | +11.4 | +14.0 | +10.4 | +3.1 | +4.7 | +1.7 | -0.3 |
| 4th Qtr. 1973 | +6.1 | +13.4 | +1.4 | +7.5 | +10.1 | +9.2 | +3.3 | 14.4 | +5.8 | +12.5 | +7.5 | -3.9 | +0.1 | -0.1 |
| 1at Qtr. 1974 | +1.7 | +1.6 | +6.2 | +6.7 | +9.5 | +9.0 | +8.6 | +16.2 | +15.4 | +12.1 | +8.2 | +4.9 | +1.3 | -1.2 |
| Nonthly: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | +30.1 | +26.8 | +15.9 | +4.7 | +9.4 | +11.7 | +9.7 | +17.8 | +16.5 | +12.9 | +15.8 | +1.3 | +0.6 | +0.6 |
| Feb. | -21.1 | -38.5 | -2.9 | +5.6 | +6.1 | +9.1 | +11.1 | +23.7 | +22.3 | $+7.0$ | +14.4 | + 4.4 | -0.5 | -0.6 |
| Mar. | $+10.5$ | +1.8 | +10.3 | +0.9 | $+5.2$ | +7.2 | +22.3 | +17.2 | +28.2 | +9.6 | +10.2 | + 5.5 | +0.4 | +1.5 |
| Apr. | +14.7 | +20.1 | +10.0 | +6.0 | +8.3 | +8.6 | +15.4 | +13.1 +16.6 | +22.5 | $+10.0$ | +9.4 | + +3.8 +2.9 | +0.2 +0.3 | -0.5 |
| May | +5.4 | $+0.5$ | +9.9 +17 | +13.9 | +11.8 | +10.3 | +11.0 | +16.6 | +18.9 | $+10.3$ | +7.8 +10.8 | +2.9 +0.7 | +0.3 | -1.9 |
| June | +0.5 | +0.2 | +17.3 | +14.2 +4.1 | +12.8 +5 | +11.9 | $+11.1$ | +8.2 | $+11.2$ | +10.7 | +10.8 | + 0.7 | +0.2 | $+0.1$ |
| July | +27.2 -5.1 | +24.9 -13.5 | +18.5 +10.1 | +4.1 | +5.7 +6.3 | +6.1 | +8.6 +17.0 | +13.3 +16.7 | +12.5 +19.2 | +7.6 +13.0 | +6.5 | +1.9 +2.4 +2.4 | +0.9 +0.6 | -1.4 |
| Sept. | +9.4 | +21.9 | +13.3 | -3.6 | +3.7 | +3.2 | +5.7 | +4.1 | + +9.8 +9.8 | +10.4 | +2.7 | +1.9 +0.4 | +0.6 +0.2 | +0.9 +0.2 |
| Oct. | +12.1 | +26.7 | +1.0 | +5.0 | +10.8 | +9.1 | +1.6 | +6.7 | + 3.4 | +16.1 | +6.4 | -2.9 | -0.4 | +1.0 |
| Nov. | -4.3 | -1.6 | -6.3 | +10.4 | +10.9 | +9.7 | +2.7 | +5.0 | + 3.3 | +11.0 | +7.2 | -1.8 | +0. 2 | -0.2 |
| Dec. | +10.5 | +14.4 | +9.4 | +7.1 | +8.5 | +8.5 | +5.6 | +1.5 | +10.7 | +10.1 | +8.6 | + 0.8 | +0.3 | -0.9 |
| $\begin{array}{r} \text { 1974--Jan. } \\ \text { Feb. } \end{array}$ | +35.7 -24.8 | +45.9 -30.4 | +6.9 -0.3 | -3.6 +12.9 | +6.3 +13.4 | +7.0 +11.2 | +12.5 +1.3 | +15.8 +15.0 | +21.5 +14.9 | +15.2 +13.8 | +8.2 +7.4 | +2.7 +1.1 | +0.1 +0.2 | +1.3 -3.2 |
| Mar. $\mathbf{p}$ | -5.3 | -9.8 | +12.1 | +10.6 | +8.7 | +8.7 | +11.9 | +17.1 | +9.3 | +7.0 | +8.8 | +1.1 | +1.0 | +0.7 |

WOFG: Reserve Requirements on Eurodollar borrowings are included beginning October 16, 1969, and requirements on bank-related comertial paper are included beginning p- Prelisinary. 1970.
p-Preliminary.

RESERUES AND MONe:TARY VARIA3LES
(Seasonally ad justed, billions of dollars)


I/ Estimated monthiy average levels derived by averaging end of current month and end of previous month reported data. 1970. Ad justed credit proxy includes mainly total member bank deposits subject to reserve requirements, bank-related conmercial paper and Eurodollar borrowings of ti, s. banks. Weekly data are daily averages for statement weeks. Monthly data are daily averages except for nonbank cormercial paper figures which are for last day of month. Weekly data are not available for $M_{3}$, total loans and investmente and thrift institution deposits.

Growth Rate in Money Supply
(Per cent change at an annual rate)


[^2]
## Appendix Table IV

## Growth Rates in Money Supply for Alternatives

 (Per cent change at an annual rate)

Alt. A
1974 I
II
III
II \& III combined
7.1
6.4
6.7
8.8
6.5 7.7


| $\mathrm{M}_{3}$ |  |  |
| :--- | :--- | :--- |
| M |  | $Q$ |

Alt. B



[^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]:    * Break in Series Actual Level of RPD After Changes in Reserve Requirements

[^2]:    $M=$ Annual rates of growth calculated from average levels in the final months of the quarters.
    $Q=$ Annual rates calculated from average levels in all three months of the quarters.

