## Prefatory Note

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## MONETARY AGGREGATES AND MONEY MARKET CONDITIONS

## MONETARY AGGREGATES AND <br> MONEY MARKET CONDITIONS

## Recent Developments

(1) Growth in $M_{1}$ slowed to a 6 per cent annual rate in May-following April's exceptionally rapid advance--and appears to be moderating somewhat further in June. Thus, for the May-June period, $M_{1}$ expansion is now projected at around a $5 \frac{1}{2}$ per cent annual rate, just below the mid-point of the Committee's range. $M_{2}$ is projected to expand at around an $8 \frac{3}{4}$ per cent rate during May and June, also well below its pace in April, but near the upper bound of the Committee's range. Growth In the time deposit component of $M_{2}$ has been somewhat greater than expected in recent weeks, despite a marked diminution of inflows to savings deposits, as market rates moved above the ceiling rate on passbook savings. Inflows of funds to nonbank thrift institutions were well maintained in May.

Growth in Monetary Aggregates over May-June Period (SAAR in per cent)

|  | Ranges | Latest Estimates |  |
| :---: | :---: | :---: | :---: |
| $M_{1}$ | 4 to $7 \frac{1}{2}$ | 5.6 |  |
| $M_{2}$ | 5 to 9 | 8.7 |  |
| Memo: Federal funds rate (per cent per annum) |  | Avg, for statement week ending |  |
|  |  | May 19 | 5.28 |
|  |  | 26 | 5.50 |
|  |  | June 2 | 5.54 |
|  |  | 9 | 5.44 |
|  |  | 16 | 5.47 |

(2) Following the May 13 FOMC meeting, the Desk promptly became somewhat less accomodative in the provision of reserves and sought a Federal funds rate around $5-3 / 8$ per cent, a shade above the then prevailing 5-1/4 per cent and equal to the midepoint of the 5 to $5-3 / 4$ per cent range newly adopted by the Conmittee. When incoming data during the latter part of May suggested that May-June growth in both $M_{1}$ and $M_{2}$ would be near the upper ends of the Committee's ranges, the Desk raised its funds rate objective to $5-1 / 2$ per cent. Subsequent data tended to confirm this projection of $M_{2}$ growth, but indicated that $M_{1}$ growth might be weaker than earlier believed. Under the circumstances, the Desk has continued to seek a Federal funds rate averaging about $5-1 / 2$ per cent.
(3) Nonborrowed reserves in the May-June period appear to be increasing at about a $3-1 / 2$ per cent annual rate, on average, rather than decreasing slightly as the staff had thought would be consistent with the short-run ranges for the monetary aggregates adopted by the FOMC at its last meeting, $1 /$ Since the banking system held more free reserves (excess reserves minus borrowings) than anticipated, this growth rate did not support more monetary expansion than expected. With Federal funds generally trading around the $5 \mathbf{- 1 / 2}$ per cent discount rate, member bank borrowing did nonetheless increase and averaged about $\$ 125$ million in the interval between Coma mittee meetings, as compared with about $\$ 50$ million in the preceding two months.

[^1](4) Since the May FOMC meeting; private short-term interest rates have generally increased $1 / 4$ to $1 / 2$ of a percentage point, on balance, while Treasury bill rates have changed little. Most of the increase in private rates occurred in late May and early June, as the Federal funds rate rose. When the funds rate subsequently stabilized around the 5-1/2 per cent level, and published data indicated a substantial slowdown of growth in $M_{1}$, the upward movement of rates stopped. The spread between private short-term rates and Treasury bill rates widened, in part reflecting some firming in business demands for short-term credit while the Treasury continued to redeem maturing bills in its weekly auction. The volume of comercial paper increased modestly further in May. Business loans at banks also rose a little over this period, and banks-operhaps expecting a further increase in business loans and rising interest rates-have increased their outstanding CD's.
(5) Bond yields continued to move higher in late May, but declined in June as short-term markets atabilized, and on balance were down a little over the intermeeting period. The bond markets have absorbed a substantial volume of new corporate and municipal issues in recent weeks. Treasury borrowing activity over the period was less heavy than had previously been projected by the Treasury--reflecting an unexpected shortfall in outlays--but was still on the large side for the period of the year. Although yields in the secondary mortgage market have moved in sympathy with bond market rates, rates in the primary market for home loans have continued to edge upward in the past few weeks. Net acquisitions of
mortgages by savings and loan associations remained at a relatively high level in April, and loan comitments increased to their highest level in 3 years.
(6) The table on the following page shows (in percentage annual rates of change) related monetary and financial flows over various time periods.

|  | Calendar Yeat | Past Twelve Months | Past Six Months | Past Three Months | Past <br> Month |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1975 | $\begin{aligned} & \text { May } \quad 76 \\ & \text { over } \\ & \text { May }{ }^{1} 75 \\ & \hline \end{aligned}$ | $\begin{gathered} \text { May }{ }^{176} \\ \text { over } \\ \text { Nov. } 175 \\ \hline \end{gathered}$ | $\begin{aligned} & \text { May ' } 76 \\ & \text { over } \\ & \text { Feb. } 175 \\ & \hline \end{aligned}$ | May ${ }^{1} 76$ over Apr. ${ }^{176}$ |
| Nonborrowed reserves | 1.3 | -. 2 | -2.6 | . 5 | 1.2 |
| Total reserves | -. 4 | -- | -2.2 | . 9 | 3.7 |
| Monetary Base | 5.8 | 6.9 | 6.7 | 8.8 | 6.9 |
| Concepts of Money (Revised Series) |  |  |  |  |  |
| $\mathrm{M}_{1}$ (currency plus demand deposits) 1/ | 4.1 | 5.4 | 5.1 | 9.0 | 6.0 |
| $M_{2}\left(M_{1}\right.$ plus time deposits at commercial banks other than large CD's) | 8.5 | 10.0 | 10.5 | 10.9 | 8.8 |
| $M_{3}$ ( $M_{2}$ plus deposits at thrift | 11.3 | 12.3 | 11.9 | 12.1 | 10.4 |
| $\mathrm{M}_{4}\left(\mathrm{M}_{2}\right.$ plus CD's) | 6.4 | 6.5 | 5.7 | 6.0 | 2.8 |
| $M_{5}$ ( $M_{3}$ plus CD's) | 9.7 | 9.8 | 8.7 | 8.9 | 6.5 |
| Bank Credit |  |  |  |  |  |
| Total member bank deposits (bank credit proxy adj.) | 3.9 | 2.9 | . 6 | -- | -3.9 |
| Loans and investments of commercial banks 2/ | 4.4 | 5.2 | 4.1 | 5.9 | 5.2 |
| Short-term Market Paper |  |  |  |  |  |
| (Monthly average change in billions) |  |  |  |  |  |
| Large CD's | -. 6 | -1.4 | -2.3 | -2.4 | -3.2 |
| Nonbank coumercial paper | -. 2 | -- | 0.4 | 0.3 | . 2 |
| $1 /$ Other than interbank and U.S. Government. <br> 2/ Based on month-end figures. Includes loans sold to affiliates and branches. NOTE: All items are based on averages of daily figures, except for data on total loans and investments of commercial banks, commercial paper; and thrift institu-tions--which are derived from either end-of-month or last Wednesday-of-month figures. Growth rates for reserve measures in this and subsequent tables are adjusted to remove the effect of discontinuities from breaks in the series when reserve requirements are changed. |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

## Prospective developments

(7) Three alternative sets of short-run specifications for the monetary aggregates and the Federal funds rate are summarized below for Committee consideration, (More detailed data, as well as longer-run growth rates, are shown in the tables on pp .6 a and 6 b , while reserve aggregates believed to be consistent with these specifications are presented in appendix Table I.)
Alt. A
Alt. B
Alt. C

Ranges for June-July

| $M_{1}$ | $4 \frac{1}{2}-8 \frac{1}{2}$ | $4-8$ | $3 \frac{1}{2}-7 \frac{1}{2}$ |
| :---: | ---: | :---: | :---: |
| $M_{2}$ | $7-11$ | $6 \frac{1}{2}-10 \frac{1}{2}$ | $5 \frac{1}{2}-9 \frac{1}{2}$ |
| Federal funds rate <br> (intermeeting range) | $4 \frac{1}{2}-5 \frac{1}{2}$ | $5-6$ | $5 \frac{1}{2}-6 \frac{1}{2}$ |

(8) If the Federal funds rate between now and the next meeting of the Committee remains around the recently prevailing $5 \frac{1}{2}$ per cent--the mid-point of the alternative $B$ range--the staff would expect that the annual rate of $M_{1}$ growth may be in a $4-8$ per cent range over the June-July period. In light of the data already reported for the early part of the month, growth in June is expected to be around a 5 per cent annual rate. Such a growth rate may reflect, in part, continued adjustment by cash-holders to the April bulge in $M_{1}$ growth. Recently available deposit ownership survey figures suggest that much of the April increase was in balances of consumers, who may take a longer time than busineses and other holders to restore their balances to desired levels. The staff expects $M_{1}$ growth in July to be at a somewhat higher rate, in view of the projected rige in nominal GNP.
-6a-
Alternative Levels and Growth Rates for Key Monetary Aggregates

| 1976 | May | 303.2 | 303.2 | 303.2 | 697.0 | 697.0 | 697.0 | 1151.0 | 1151.0 | 1151.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | June | 304.5 | 304.5 | 304.5 | 702.0 | 701.9 | 701.8 | 1160.6 | 1160.4 | 1160.1 |
|  | July | 306.6 | 306.3 | 306.0 | 707.6 | 706.8 | 705.5 | 1170.2 | 1169.1 | 1167.6 |
| 1976 | QI | 296.5 | 296.5 | 296.5 | 677.4 | 677.4 | 677.4 | 1116.1 | 1116.1 | 1116.1 |
|  | QII | 303.1 | 303.1 | 303.1 | 697.0 | 696.9 | 696.9 | 1150.9 | 1150.8 | 1150.7 |
|  | QIII | 308.1 | 307.6 | 307.3 | 711.7 | 710.8 | 709.0 | 1177.4 | 1176.1 | 1173.8 |
|  | QIV | 311.3 | 310.6 | 310.4 | 722.4 | 721.8 | 720.6 | 1195.9 | 1195.5 | 1194.3 |
| 1977 | OI | 313.5 | 313.5 | 313.5 | 731.8 | 732.9 | 732.9 | 1214.0 | 1216.3 | 1217.3 |
| Growth Rates |  |  |  |  |  |  |  |  |  |  |
| Monthly: |  |  |  |  |  |  |  |  |  |  |
| 1976 | June | 5.1 | 5.1 | 5.1 | 8.6 | 8.4 | 8.3 | 10.0 | 9.8 | 9.5 |
|  | July | 8.3 | 7.1 | 5.9 | 9.6 | 8.4 | 6.3 | 9.9 | 9.0 | 7.8 |
| Quarterly Average: |  |  |  |  |  |  |  |  |  |  |
| 1976 | OII | 8.9 | 8.9 | 8.9 | 11.6 | 11.5 | 11.5 | 12.5 | 12.4 | 12.4 |
|  | QIII | 6.6 | 5.9 | 5.5 | 8.4 | 8.0 | 6.9 | 9.2 | 8.8 | 8.0 |
|  | OIV | 4.2 | 3.9 | 4.0 | 6.0 | 6.2 | 6.5 | 6.3 | 6.6 | 7.0 |
| 1977 | QI | 2.8 | 3.7 | 4.0 | 5.2 | 6.2 | 6.8 | 6.1 | 7.0 | 7.7 |
| Semi-annual |  |  |  |  |  |  |  |  |  |  |
| QI ${ }^{7}$ | 6-QIII '76 | 7.8 | 7.5 | 7.3 | 10.1 | 9.9 | 9.3 | 11.0 | 10.8 | 10.3 |
| QIII | '76-QI '77 | 3.5 | 3.8 | 4.0 | 5.6 | 6.2 | 6.7 | 6.2 | 6.8 | 7.4 |
| Annual |  |  |  |  |  |  |  |  |  |  |
| QI '76-QI '77 |  | 5.7 | 5.7 | 5.7 | 8.0 | 8.2 | 8.2 | 8.8 | 9.0 | 9.1 |
| FOMC longer-run range |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

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Alternative Levels and Growth Rates for Key Monetary Aggregates (cont'd)

|  |  | $\mathrm{M}_{4}$ |  |  | $\mathrm{M}_{5}$ |  |  | Credit Proxy |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | A1t. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C |
| 1976 | May | 765.2 | 765.2 | 765.2 | 1219.1 | 1219.1 | 1219.1 | 515.6 | 515.6 | 515.6 |
|  | June | 772.5 | 772.3 | 772.1 | 1231.0 | 1230.8 | 1230.6 | 522.0 | 521.9 | 521.9 |
|  | July | 779.5 | 778.9 | 777.9 | 1242.1 | 1241.2 | 1239.9 | 525.8 | 525.5 | 524.9 |
| 1976 | QI | 753.2 | 753.2 | 753.2 | 1192.0 | 1192.0 | 1192.0 | 515.2 | 515.2 | 515.2 |
|  | QII | 767.0 | 767.0 | 766.9 | 1220.9 | 1220.8 | 1220.7 | 518.3 | 518.3 | 518.2 |
|  | QIII | 784.7 | 784.0 | 782.4 | 1250.4 | 1249.3 | 1247.1 | 529.6 | 529.2 | 528.1 |
|  | QIV | 798.1 | 797.8 | 795.6 | 1271.7 | 1271.5 | 1269.2 | 538.2 | 538.0 | 536.2 |
| 1977 | QI | 810.8 | 811.7 | 810.1 | 1292.9 | 1295.0 | 1294.4 | 544.8 | 545.3 | 543.7 |
| Growth Rates |  |  |  |  |  |  |  |  |  |  |
| 1976 | June | 11.4 | 11.1 | 10.8 | 11.7 | 11.5 | 11.3 | 14.9 | 14.7 | 14.7 |
|  | July | 10.9 | 10.3 | 9.0 | 10.8 | 10.1 | 9.1 | 8.7 | 8.3 | 6.9 |
| Quarterly Averages: |  |  |  |  |  |  |  |  |  |  |
| 1976 | QII | 7.3 | 7.3 | 7.3 | 9.7 | 9.7 | 9.6 | 2.4 | 2.4 | 2.4 |
|  | QIII | 9.2 | 8.9 | 8.1 | 9.7 | 9.3 | 8.7 | 8.7 | 8.4 | 7.6 |
|  | QIV | 6.8 | 7.0 | 6.7 | 6.8 | 7.1 | 7.1 | 6.5 | 6.7 | 6.1 |
| 1977 | QI | 6.4 | 7.0 | 7.3 | 6.7 | 7.4 | 7.9 | 4.9 | 5.4 | 5.6 |
| Semi-annual |  |  |  |  |  |  |  |  |  |  |
| QI' ${ }^{\text {¢ }}$ | 6-QIII '76 | 8.4 | 8.2 | 7.8 | 9.8 | 9.6 | 9.2 | 5.6 | 5.4 | 5.0 |
| QIII | '76-QI '77 | 6.7 | 7.1 | 7.1 | 6.8 | 7.3 | 7.6 | 5.7 | 6.1 | 5.9 |
| Annual |  |  |  |  |  |  |  |  |  |  |

(9) Given the prevailing Federtl funds rate, time deposits other than large money market $C D$ 's are expected to grow over the next two months at an annul rate around 10 per cent. Hith short-term market rates generally above the 5 per cent passbook rate, interest-sensitive holders, Including businesses and state and local governments, may continue to reduce holdings of savings deposits. However, this may be offset by further expansion of ceiling-free time certificates of deposit, including largedenomination certificates issued by non-money market banks. Thus, for the June-July period, $M_{2}$ growth may be in a $6 \frac{1}{2}-10 \frac{1}{2}$ per cent annual rate range under alternative $B$,
(10) In the near-term, if the money market remains stable, short- and long-term interest rates are likely to change little, Longerterm market interest rates could edge down further once the market has absorbed the very large volume of new corporate and municipal bond offerings scheduled for June. The Treasury has a very large third-quarter deficit to finance, but it is expected to end the current fiscal year with a large cash balance and will probably raise the bulk of the new cash it needs later this summer.
(11) Over the longer run, the outlook is still for upward pressures on interest rates, particularly short-term rates. Credit demands on banks and in short-term markets are expected to strengthen as the year progresses--with consequent upward pressure on $C D$ and commercial paper rates. And by early winter the Treasury may have to finance itself
increasingly outside the banking system, even if some upward adjustment in Regulation $Q$ cailing rates has been made by then, as we assume. As may be seen from appendix Table II, under alternative $B$ the staff would expect a Federal funds rate of around 8 per cent by early next year, given a growth rate in $M_{1}$ from OI ' 76 to QI ' 77 of $5 \frac{3}{4}$ per cent.
(12) The specifications of alternative $C$ include a tightening of the funds rate over the next few weeks to the mid-point of a $5 \frac{1}{2}-6 \frac{1}{2}$ per cent range. This would clearly entail further upward adjustments in market rates, with the 3 -month bill rate moving to the 6 per cent area and the 3 -month commercial paper rate rising to perhaps around $6 \frac{1}{4}-6 \frac{1}{2}$ per cent. However, such a near-term tightening of the money market would tend to moderate the need for restraint as the year progresses, as compared with alternative $B$. The funds rate under alternative $C$ would be expected to peak at around $7 \frac{1}{4}$ per cent by late this year, again assuming a $5 \frac{3}{4}$ per cent growth rate in $M_{1}$ over the QI '76-QI '77 period,
(13) Growth in $M_{1}$ in the June-July period may be in a $3 \frac{1}{2}-7 \frac{1}{2}$ per cent, annual rate, range under alternative $C$, only a little less than under alternative $B$. In the short run, member banks could be expected to offset the greater constraint on nonborrowed reserves that is specified under alternative $C$ by increasing their borrowing through the discount window, as suggested in appendix Table $I_{\text {. Expansion of }} M_{2}$ over the forthcoming 2 -month period might be in a $5 \frac{3}{2}-9 \frac{1}{2}$ per cent anmual rate range, in part reflecting reduced inflowa to time and savings deposits (other than money market CD's) as funds are increasingly diverted from such accounts to higher-yielding market instruments.

## -9.

(14) Alternative A assumes an easing in the Federal funds rate to the mid-point of a $4 \frac{1}{2}-5 \frac{1}{2}$ per cent range between now and the next Committee meeting. Such an easing would encourage more rapid money growth in the third and fourth quarter than under alternatives $B$ and $C$. However, if the FOMC also wished to constrain longer-run $M_{1}$ growth to $5 \frac{3}{4}$ per cent, alternative A would entail a more pronounced slowing in the rate of expansion of $M_{1}$ in early 1977 and a sharper rise in interest rates in late 1976 and early 1977 than would the other two alternatives.

## Proposed directive

(15) Given below is a proposed operational paragraph for the directive if the Committee wishes to continue formulating its instructions in terms of desired growth in monetary aggregates over the months ahead. No alternatives are presented for this formulation, in the expectation that the reference to desired growth will be taken to apply to the longer-term targets and that at this meeting the Committee will not reconsider those targets.
"Monetary Aggregates" Propossl
To implement this policy, while taking account of developm ments in domestic and international financial markets, the Comittee seeks to achieve bank reserve and money market conditions consistent with moderate growth in monetary aggregates over the period ahead.
(16) Should the Committee desire to place main emphasis on bank reserve and money market conditions, the language needed would depend on the specific conditions sought. Three alternative "money market" directives intended to correspond to the similarly lettered policy alternatives are given below.

## Alternative "Money Market" Proposals

## Alternative A

To implement this policy, while taking account of developments in domestic and international financial markets, the Comittee seeks to achieve SOMDWHAT EASIER bank reserve and money market conditions conststent-with-modezate-growth-in-monetayy-aggregates over the
period IMMEDIATELY ahead, PROVIDED THAT MONETARY AGGREGATES APPEAR TO BE GROWING AT ABOUT THE RATES CURRENTLY EXPECTED.

## Alternative B

To implement this policy, while taking account of developments in domestic and international financial markets, the Committee seeks to aehiewe MAINTAIN PREVAILING bank reserve and money market conditions eensistenk-with-modewate-grewth-in-monetary-aggregates over the period IMMEDIATELY ahead, PROVIDED THAT MONETARY AGGREGATES appear to be growing at about the rates currently expected.

## Alternative C

To implement this policy, while taking account of developments in domestic and international financial markets, the Comittee seeks to achieve SOMEWHAT FIRMER bank reserve and money market conditions censistent-with-mederate-growth-in-monetafy-aggregates over the period mmediately ahead, provided that monetary aggregates appear to be growing at about the rates currently expected.

Appendix A<br>Comparison of Actual and "Targeted" Reserves

The table below compares the actual average level of reserves For the 5 week period ending June 23 with the "targeted" level that had been thought consistent with the mid-points of the shorturun ranges for the monetary aggregates adopted at the last FOMC meeting.

|  |  |  | Actual ${ }^{1 /}$ | "Targeted" | Difference |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | $(2+3)$ | Nonborrowed reserves | 34,023 | 33,948 | 75 |
| 2 |  | Required reserves | 33,952 | 34,061 | -109 |
| 3 | $(4-5)$ | Free reserves | 71 | -113 | 184 |
| 4 |  | Excess reserves | 194 | 162 | 32 |
| 5 |  | Member bank borrowing | 123 | 275 | -152 |
| 6 | (1+5) | Total reserves | 34,146 | 34,223 | -77 |
| 7 |  | Currency | 80,298 | 80,460 | -162 |
| 8 | $(6+7)$ | Monetary base | 114,444 | 114,683 | -239 |

1/ Includes week of June 23, which is partly estimated.

As can be seen from the table, nonborrowed reserves during the intermeeting period were $\$ 75$ million higher than "targeted." Relative to expectations, these reserves were employed to support more free reserves in the banking system (line 3 ) rather than more required reserves (line 2 ). Member banks held somewhat more excess reserves than anticipated and did not borrow as much as had been thought consistent with the "targeted" reserves and monetary aggregates. At the same time, required reserves were
about $\$ 110$ million weaker than expected in the five week period, owing to weaker than anticipated demand deposits at member banks as well as a slightly higher multiplier relationship between lagged deposits at member banks and current required reserves (given changes in the mix of deposits). With borrowing faliing considerably short of "target," total reserves were smaller than anticipated during the intermeeting period. The monetary base was even further below "target," as currency in circulation turned out to be substantially smaller than expected. Achievement of the nonborrowed "target" during the period by the Desk would have resulted in a higher Federal funds rate, perhaps around the upper end of the $5-5 \frac{3}{4}$ per cent range adopted by the FOMC. On the other hand, if the Desk had attempted to reach "targeted" levels of total reserves or the monetary base, the funds rate would have been lower than actually prevailed-and much lower in the case of the monetary base.

Nonborrowed reserves
Member bank borrowing

## Excess reserves

Other reserve aggregates:

| Total reserves | 34,448 | 34,433 | 34,418 | 288 | 273 | 258 | 7.7 | 7.1 | 6.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Monetary base ${ }^{1 /}$ | 115,155 | 115,140 | 115,126 | 843 | 828 | 814 | 7.3 | 7.1 | 6.9 |
| Nonborrowed monetary base | 115,050 | 114,972 | 114,801 | 866 | 788 | 617 | 7.5 | 7.0 | 5.3 |

1/ Total reserves plus currency held outside the Treasury, the Federal Reserve, and member banks.

## Appendix Table II

Projected Federal Funds Rates

|  |  | Alt. A | Alt. B | Alt. C |
| :--- | :--- | :---: | :---: | :---: |
| 1976 QII | $5 \frac{1}{4}$ | $5 \frac{3}{4}$ | $5 \frac{3}{4}$ |  |
| QIII | $5 \frac{1}{2}$ | 6 | $6 \frac{1}{2}$ |  |
| QIV | $7 \frac{3}{4}$ | $7 \frac{1}{2}$ | $7 \frac{3}{4}$ |  |
| 1977 QI | 9 | 8 | $7 \frac{3}{4}$ |  |

## Appendix Table III

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

|  |  | $\mathrm{M}_{1}$ |  | $\mathrm{M}_{2}$ |  | $\mathrm{M}_{3}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | M | 0 | M | $Q$ | M | Q |
| 1973 | 1 | 3.6 | 7.4 | 7.3 | 9.2 | 8.4 | 10.3 |
|  | 11 | 10.1 | 6.4 | 9.9 | 8.2 | 9.3 | 8.5 |
|  | III | 1.8 | 5.5 | 6.3 | 7.9 | 6.1 | 7.8 |
|  | IV | 7.8 | 5.1 | 10.5 | 9.0 | 9.9 | 8.4 |
| QIV | '72-QIV '73 | 6.0 | 6.2 | 8.8 | 8.8 | 8.8 | 9.0 |
| 1974 | I | 5.3 | 6.0 | 9.0 | 9.6 | 3.4 | 8.9 |
|  | II | 5.3 | 5.6 | 6.9 | 7.4 | 5.7 | 6.5 |
|  | III | 3.0 | 4.2 | 5.5 | 6.4 | 5.2 | 5.6 |
|  | IV | 4.7 | 4.0 | 6.6 | 6.4 | 7.2 | 6.5 |
| QIV | '73-QIV '74 | 4.7 | 5.0 | 7.2 | 7.7 | 6.8 | 7.1 |
| 1975 | I | 1.4 | 0.6 | 6.9 | 5.6 | 9.0 | 7.5 |
|  | II | 9.7 | 7.4 | 12.5 | 10.2 | 14.5 | 12.6 |
|  | III | 3.6 | 7.1 | 6.5 | 10.1 | 10.7 | 13.3 |
|  | IV | 1.6 | 2.3 | 7.0 | 6.4 | 9.3 | 9.4 |
| QIV | '74-QIV '75 | 4.1 | 4.4 | 8.5 | 8.3 | 11.3 | 11.1 |
| 1976 | I | 4.3 | 2.6 | 11.5 | 10.1 | 12.6 | 11.4 |

## $M=$ Annual rates of growth calculated from average levels in the final months of the quarters.

$Q=$ Annual rate calculated from average levels in all three months of the quarters.

## MONETARY AGGREGATES



## MONETARY AGGREGATES




## MONEY MARKET CONDITIONS AND INTEREST RATES



## BANK RESERVES

actual and current projections, seasonally adjusted

note: reserve series have been aojusted to remove discontinuities associated hith changes in reserve requirement ratio. data shown in parentheses are current projections.

MONETARY AGGREGATES
actual and Current projections, seasomally adjusted


TE: DATA SHOWN IN PARENTHESES ARE CURRENT PROJECTIONS.
1/ INCLUDES TREASURY DEPOSITS AT MEMBER BANKS AND FEDERAL RESERVE BANKS.
P - PRELIMINARY

NET CHANGES IN SYSTEM HOLDINGS OF SECURITIES
( $\$$ millions, not seasonally adjusted)

| Period |  | Treasury Bills Net Change $2 /$ | Treasury Coupons |  |  |  |  | Federal Agencies |  |  |  |  | Net Change Outright Holdings Total 5/ | $\begin{aligned} & \text { Net } \\ & \text { RP's }^{6 / 2} \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Net Purchases 3/ | Wthin Net Purchases 4/ |  |  |  |  |  |  |
|  |  | $\begin{aligned} & \text { Within } \\ & \text { l-year } \end{aligned}$ | 1-5 | 5-10 | $\begin{gathered} \text { Over } \\ 10 \end{gathered}$ | Total | $\begin{aligned} & \text { Within } \\ & \text { l-year } \end{aligned}$ | 1-5 | 5-10 | Over <br> 10 | Total |  |  |
| 1972 |  |  | -490 | 87 | 789 | 539 | 167 | 1,582 | 46 | 592 | 253 | 168 | 1,059 | 1,631 | -1,358 |
| 1973 |  |  | 7,232 | 207 | 579 | 500 | 129 | 1,415 | 120 | 400 | 244 | 101 | 864 | 9,273 | -46 |
| 1974 |  | 1,280 | 320 | 797 | 434 | 196 | 1,747 | 439 | 1,665 | 659 | 318 | 3,082 | 6,303 | -154 |
| 1975 |  | -468 | 337 | 3,284 | 1,510 | 1,070 | 6,202 | 191 | 824 | 460 | 138 | 1,613 | 7,267 | 1,272 |
| 1975-Qtr. |  | -2,093 | 33 | 1,054 | 625 | 312 | 2,024 | 69 | 169 | 285 | 61 | 584 | 508 | 53 |
| Qtr. |  | 1,086 | 218 | 1,135 | 454 | 273 | 2,079 | -- | -- | -2 | -- | -2 | 3,076 | 230 |
| Qtr. | III | -757 | 13 | 712 | 201 | 171 | 1,096 | 64 | 514 | 106 | 63 | 747 | 1,060 | 2,392 |
| Qtr. |  | 1,294 | 74 | 385 | 234 | 315 | 1,006 | 58 | 141 | 71 | 14 | 284 | 2,626 | -1,403 |
| 1976--Qtr. |  | -363 | 115 | 554 | 226 | 156 | 1,052 | 102 | 288 | 108 | 38 | 535 | 1,022 | 1,256 |
| 1975--Dec. |  | 1,784 | 31 | 118 | 78 | 71 | 297 | -- | -- | -- | -- | -- | 2,096 | 1,219 |
| 1976--Jan. |  | -1,596 | 37 | 110 | 100 | 73 | 321 | 26 | 139 | 47 | 27 | 240 | -1,030 | 3,597 |
| Feb. |  | 1,275 | 40 | 366 | 63 | 59 | 528 | 76 | 149 | 61 | 11 | 297 | 2,029 | -3,129 |
| Mar. |  | -42 | 38 | 78 | 63 | 24 | 203 | -- | -- | -- | -- | -- | 23 | 788 |
| Apr. |  | 513 | 27 | 179 | 51 | 38 | 294 | -- | -7 | -- | -- | - | 758 | 1,261 |
| May |  | -292 | -- | -- | -- | -- | -- | 3 | 140 | 57 | 40 | 240 | -122 | -958 |
| 1976-Apr. | 7 | -1,593 | -- | -70 | -- | -- | -70 | -- | -- | -- | -- | -- | -1,678 | -7,764 |
|  | 14 | -501 | - | -- | - | $\cdots$ | --- | -- | -- | -- | -- | -- | -521 | 5,064 |
|  | 21 | 800 | 27 | 249 | 51 | 38 | 364 | -- | -- | -- | -- | -- | 1,166 | 5,206 |
|  | 28 | 1,008 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | - 988 | -1,002 |
| May | 5 | 240 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 242 | -2,077 |
|  | 12 | -626 | - | -- | -- | -- | -- | -- | -- | -- | -- | -- | -634 | 522 |
|  | 19 | 298 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 277 | 605 |
|  | 26 | 597 | -- | -- | -- | -- | -- | 3 | 140 | 57 | 40 | 240 | 792 | -1,115 |
| June | 2 | -572 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -587 | -5,170 |
|  | 9 | -302 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -310 | -1,068 |
|  | 16 | 949 | -- | -7 | -- |  | -- | -- | -- | -- | -- | -- | 911 | 5,443 |
|  | $\begin{aligned} & 23 p \\ & 30 \end{aligned}$ |  | 28 | 387 | 112 | 64 | 591 |  |  |  |  |  |  |  |

17 Change from and-of-period to end-of-period.
2/ Outright transections in market and with foreign accounts, and redemptions ( - ) in bill auctions.
3/ Outright transactions in market and with foreign accounts, and short-term notes acquired in exchange for maturing bills. Excludea redemptions, maturity shifts, rollovers of maturing coupon issues, and direct Treasury borrowings from the System.
4) Outright transactions in market and with foreign accounts only. Excludes redemptions and maturity shifts.

5/ In addition to net purchases of securities, also reflects changes in System holdings of bankers' acceptances, direct Treasury borrowings from the syatem, and rademptions ( - ) of Agency and Treasury coupon issues.
$6 /$ Includer changes in both RF ' $\mathrm{s}(+)$ and matched sale-purchase transactions ( - ).

TABLE 4

| Period | U.S. Govt. Security Dealer Positions |  | Underwriting <br> Syndicate Positions |  | Member Bank Reserve Positions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Corporate | Municipal | Excess** |  |  |  |  |
|  | B111: | Coupon Issues | Bonds | Bonds | Reserves | Total | Seasonal | 8 New York | 38 Others |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| 1975--High | 7,029 | 2,845 | 464 | 389 | 804 | 609 | 74 | -7,387 | -11,632 |
| Low | 1,586 | 253 | 0 | 48 | -42 | 17 | 5 | -1,757 | - 7,207 |
| 1976--High | 6,821 | 1,684 | 167 | 249 | 622 | 242 | 17 | -6,686 | -12,660 |
| Low | *3,668 | ${ }^{*} 175$ | 0 | 34 | -106 | 24 | 8 | -2,367 | - 7,390 |
| 1975-May | 4,744 | 1,752 | 91 | 170 | 155 | 66 | 9 | -3,965 | - 9,567 |
| June | 5,201 | 1,351 | 89 | 118 | 201 | 227 | 11 | -5,821 | - 9,344 |
| July | 4,321 | 1,246 | 60 | 135 | 188 | 259 | 17 | -5,546 | - 9,896 |
| Aug. | 4,020 | 1,204 | 44 | 181 | 195 | 211 | 37 | -3,964 | - 9,966 |
| Sept. | 5,008 | 588 | 31 | 122 | 191 | 397 | 58 | -3,551 | - 9,015 |
| Oct. | 5,766 | 1,480 | 14 | 123 | 161 | 189 | 65 | -2,644 | - 9,202 |
| Nov. | 4,751 | 2,073 | 156 | 173 | 251 | 60 | 29 | -3,812 | -10,159 |
| Dec. | 4,822 | 1,075 | 95 | 103 | 265 | 130 | 14 | -2,811 | -10,418 |
| 1976-Jan. | 4,959 | 1,220 | 34 | 97 | 232 | 79 | 9 | -3,581 | - 9,746 |
| Feb. | 5,214 | 1,051 | 66 | 181 | 256 | 81 | 10 | -4,138 | -10,015 |
| Mar. | 5,910 | 778 | 43 | 151 | 223 | 54 | 8 | -4,726 | - 9,640 |
| Apr. | -5,750 | 605 | 69 | 133 | 155 | 43 | 10 | -5,179 | -10,783 |
| May | *4,239 | *591 |  |  | 123p | 114p | $11 p$ | -4,426p | - 8,259p |
| 1976--Apr. 7 | 6,725 | 669 | 10 | 158 | 123 | 24 | 10 | -5,819 | -10,533 |
| 14 | 6,821 | 773 | 41 | 97 | 173 | 61 | 10 | -6,686 | -12,660 |
| 21 | 6,190 | 611 | 98 | 139 | 130 | 39 | 10 | -5,016 | -11,856 |
| 28 | 4,100 | 405 | 151 | 136 | 112 | 54 | 11 | -3,533 | -9,215 |
| May 5 | 4,309 | 548 | 110 | 137 | 441 | 30 | 11 | -4,214 | - 7,390 |
| 12 | 4,620 | 949 | 65 | 236 | -33 | 55 | 9 | -6,126 | - 9,329 |
| 19 | 3,915 | 509 | 70 | 175 | 245 | 122 | 10 | -4,789 | - 8,523 |
| 26 | *3,668 | *470 | 135 | 249 | 78 | 136 | 11 | -3,183 | - 8,124 |
| June 2 | *5,266 | *175 | 10 | 199 | 414p | 242p | 17p | -3,235 | - 7,605 |
| 9 | *5,052 | *6.36 | 30 | 223 | -43p | 93p | 12p | -5,490p | -10,464p |
| 16 | *5,777 | *522 | 50p | 206p | 622 p | 48p | 16p | -4,914p | - 8,848p |
| 23 30 |  |  |  |  |  |  |  |  |  |

Governant security dealer trading positions are on a commitment basis. Trading positions, which exclude Treasury securities financed by repurchase agreaments maturing in 16 days or more, are indicators of dealer holdings available for sale over the near-term. Underwriting syndicate positions consiat of 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 muicipal issues in syndicate which are Priday figures.
*STRICTLY CONFIDENTIAL
**Monthly averages for excess resarves and borrowings are welghted averages of statement week figures.
(Per cent)

| Period | Short-Term |  |  |  |  |  | Long-Term |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Federal Funds | Treasury Bills |  | 90-119 Day Comercial Paper | CD's New Issue-NY |  | Aaa Utility |  | Mundetpal Bond Buyer | U.S. Govt. (20yr. Constant Maturity) | FNMAAuctionYield | GNMA <br> Guaranteed Securities |
|  |  | 90-Day | 1-year |  | 60-Day | 90-Day | New Issue | Recently offered |  |  |  |  |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| 1975-High | 7.70 | 6.68 | 7.31 | 8.43 | 7.88 | 7.75 | 9.80 | 9.71 | 7.67 | 8.63 | 9.95 | 9.10 |
| Low | 5.13 | 5.02 | 5.46 | 5.38 | 5.25 | 5.38 | 8.89 | 9.06 | 6.27 | 7.63 | 8.78 | 7.93 |
| 1976-High | 5.54 | 5.53 | 6.32 | 5.90 | 5.63 | 5.75 | 8.95 | 8.94 | 7.13 | 8.17 | 9.20 | 8.45 |
| Low | 4.70 | 4.73 | 5.35 | 5.00 | 4.75 | 4.88 | 8.38 | 8.44 | 6.54 | 7.80 | 8.83 | 8.00 |
| 1975--May | 5.22 | 5.23 | 5.91 | 5.70 | 5.44 | 5.63 | 9.63 | 9.65 | 6.97 | 8.22 | 9.27 | 8.51 |
| June | 5.55 | 5.34 | 5.86 | 5.67 | 5.34 | 5.51 | 9.25 | 9.33 | 6.94 | 8.04 | 9.09 | 8.34 |
| July | 6.10 | 6.13 | 6.64 | 6.32 | 6.05 | 6.25 | 9.41 | 9.43 | 7.06 | 8.17 | 9.14 | 8.50 |
| Aug. | 6.14 | 6.44 | 7.16 | 6.59 | 6.31 | 6.63 | 9.46 | 9.49 | 7.17 | 8.50 | 9.41 | 8.75 |
| Sept. | 6.24 | 6.42 | 7.20 | 6.79 | 6.44 | 6.81 | 9.68 | 9.57 | 7.44 | 8.57 | 9.78 | 8.97 |
| Oct. | 5.82 | 5.96 | 6.48 | 6.35 | 6.08 | 6.45 | 9.45 | 9.43 | 7.39 | 8.35 | 9.80 | 8.87 |
| Nov. | 5.22 | 5.48 | 6.07 | 5.78 | 5.69 | 6.03 | 9.20 | 9.26 | 7.43 | 8.28 | 9.80 | 8.50 |
| Dec. | 5.20 | 5.44 | 6.16 | 5.88 | 5.65 | 5.83 | 9.36 | 9.23 | 7.31 | 8.23 | 9.31 | 8.56 |
| 1976-Jan. | 4.87 | 4.87 | 5.44 | 5.15 | 4.91 | 5.03 | 8.70 | 8.79 | 7.07 | 8.01 | 9.10 | 8.37 |
| Feb. | 4.77 | 4.88 | 5.53 | 5.13 | 4.84 | 5.06 | 8.63 | 8.63 | 6.94 | 8.03 | 9.06 | 8.29 |
| Mar. | 4.84 | 5.00 | 5.82 | 5.25 | 5.05 | 5.20 | 8.62 | 8.61 | 6.92 | 7.97 | 9.05 | 8.30 |
| Apr. | 4.82 | 4.86 | 5.54 | 5.08 | 4.81 | 4.94 | 8.48 | 8.52 | 6.60 | 7.86 | 8.89 | 8.10 |
| May | 5.29 | 5.20 | 5.98 | 5.44 | 5.25 | 5.38 | 8.82 | 8.77 | 6.87 | 8.13 | 9.04 | 8.30 |
| 1976-Apr. 7 | 4.73 | 4.94 | 5.69 | 5.20 | 4.88 | 5.00 | -- | 8.50 | 6.65 | 7.84 | 8.94 | 8.15 |
| 14 | 4.77 | 4.84 | 5.42 | 5.10 | 4.75 | 4.88 | 8.42 | 8.44 | 6.54 | 7.80 | - | 8.00 |
| 21 | 4.78 | 4.74 | 5.40 | 5.03 | 4.75 | 4.88 | 8.38 | 8.54 | 6.55 | 7.84 | 8.83 | 8.16 |
| 28 | 4.93 | 4.87 | 5.57 | 5.00 | 4.88 | 5.00 | 8.58 | 8.57 | 6.55 | 7.94 | -.. | 8.09 |
| May 5 | 5.03 | 4.88 | 5.65 | 5.13 | 5.00 | 5.13 | 8.68 | 8.62 | 6.71 | 8.03 | 8.94 | 8.16 |
| 12 | 5.02 | 5.04 | 5.79 | 5.25 | 5.13 | 5.25 | 8.82 | 8.78 | 6.83 | 8.15 | -- | 8.16 |
| 19 | 5.28 | 5.21 | 6.01 | 5.43 | 5.38 | 5.50 | 8.82 | 8.83 | 6.91 | 8.16 | 9.13 | 8.44 |
| 26 | 5.50 | 5.44 | 6.20 | 5.68 | 5.50 | 5.63 | 8.95 | 8.84 | 7.03 | 8.17 | -- | 8.44 |
| June 2 | 5.54 | 5.53 | 6.32 | 5.81 | 5.63 | 5.75 | 8.83 | 8.80 | 6.89 | 8.08 | 9.20 | 8.44 |
| 9 | 5.44 | 5.46 | 6.17 | 5.88 | 5.63 | 5.75 | 8.71 | 8.76 | 6.86 | 8.04 | -- | 8.39 |
| 16 | 5.47 | 5.40 | 6.07 | 5.90 | 5.63 | 5.75 | 8,69p | 8.72p | 6.85 | 8.02p | 9.14 | 8.34 |
| $\begin{aligned} & 23 \\ & 30 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Daily--June 10 | 5.47 | 5.43 | 6.11 | 5.88 | -- | - | - | -- | -- | 8.01 |  |  |
| 17 | 5.57p | 5.38 | 6.09 | 5.88 | - | -- | - | -- | -- | $8.04(6 / 16)$ | -- | -- |

NOTE: Weakly data for columa 1 to 4 are statenent week averages of daily data. Colums 5 and 6 are 1 -day Wednesday quotes (prior to 1976 , figures shown are for $60-89$ day and $90-119$ day ranges, respectively. For coluans 7 and 10 , the weekly data is the mid-point of the calendar week over which data are averaged. Columa 8 and 9 are 1-day quotes for Friday and Thursday, respectively, following the end of the statement week. Column 11 gives FNiA auction auction yield is the average yield in bi-weekly auction for short-term forward conmitments for Government underwritten mortgages. Gina yields are average net yields to inyestors on wortgage-backed securities for ivemediate delivery, assuming prepayment in 12 years on pools of 30 -year Fin/VA mortgages carrying the coupon rate 50 basis points below the current FHA/VA cefling.


NOTES: ADJUSTED CREDIT PROXY INCLUDES MAINLY TOTAL MEMBER BANK DEPOSITS SUBJECT TO RESERVE REQUIREMENTS, LOANS SOLD TO BAMKRELATED INSTITUTIONS, AND EURODOLLAR BORROWINGS OF U.S.BANKS.
1 based on data adjusted for changes in reserve requirements.
P-pRELIMINARY


| Period | Currency | Demand Deposits | Total Time Deposits | Time Other Than CD's | Mutual <br> Savings <br> Bank <br> and S \& L <br> Shares $y$ | Credit Union Shares ${ }_{1 f}$ | CD's | Savings Bonds $y$ | Short Term U.S. Gov't Securities, | Commercial Paper 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| annually: |  |  |  |  | nt annual r | es of gro |  |  |  |  |
| 1973 | 0.1 | 5.3 | 16.2 | 11.4 | 8.5 | 15.8 | 45.6 | 4.9 | 31.3 | 39.3 |
| 1974 | 10.2 | 5.0 | 15.0 | 9.4 | 5.6 | 12.1 | 41.4 | 4.8 | 11.9 | 9.1 |
| 1975 | 8.7 | 2.6 | 7.9 | 12.2 | 15.8 | 20.2 | -7.7 | 6.2 | 19.5 | -0.5 |
| SEMI-ANHUALLV: |  |  |  |  |  |  |  |  |  |  |
| 2ND HALF 1974 | 9.9 | 2.1 | 20.6 | 8.0 | 6.1 | 11.5 | 20.9 | 5.2 | 4.4 | 4.4 |
| 251 HALF 1975 | 9.4 | 4.4 | 7.8 | 13.4 | 15.2 | 20.9 | -12.7 | 5.7 | 6.7 | 5.7 |
| 2ND HALF 1975 | 7.6 | 0.9 | 7.8 | 10.4 | 15.2 | 17.6 | -2.9 | 6.5 | 31.3 | -6.5 |
| quarterly : |  |  |  |  |  |  |  |  |  |  |
| 2MD GIR - 1975 | 9.2 | 9.9 | 6.3 | 14.6 | 17.7 | 20.6 | -25.4 | 5.6 | 7.0 | -4.1 |
| 3RD OTR - 1975 | 5.6 | 2.9 | 2.6 | 8.9 | 17.4 | 17-0 | -23.8 | 6.8 | 14.2 | $-24.2$ |
| 4TH QTR - 1975 | 9.4 | -1.1 | 12.9 | 11.6 | 12.5 | 17.6 | 19.2 | 6.0 | 41.3 | 11.9 |
| 1ST QTR. 1976 | 10.9 | 2.4 | 5.4 | 17.1 | 14.3 | 16.8 | -40. 8 | 6.5 | -3.6 | 7.7 |
| OUAR TERLY-AV: |  |  |  |  |  |  |  |  |  |  |
| 2ND GTR - 1975 | 0.1 | 6.9 | 4.5 | 12.5 | 16.2 | 21.0 | -24.5 | 5.6 | -i, 8 | 9.3 |
| 3RD OTR. 1975 | 8.5 | 0.6 | 4.7 | 12.7 | 18.2 | 18.6 | -27.5 | 6.8 | 26.4 | -23.7 |
| 4TH QTR. 1975 | 8.4 | 0.2 | 9.7 | 9.8 | 14.0 | 16.5 | 9.5 | 6.1 | 23.5 | -1.0 |
| 151 QlR. 1976 | 9.8 | 0.4 | 7.8 | 15.9 | 13.4 | 17.1 | -29.3 | 6.6 | 12.3 | 9.7 |
| monthly |  |  |  |  |  |  |  |  |  |  |
| 1975-MAY |  | 11.1 | 3.1 |  | 17.2 | 20.3 | -44.8 | 5.6 | -2.1 | -13.5 |
| JUNE | 13.7 | 14.4 | 12.0 | 18.4 | 18.9 | 19.9 | $-14.1$ | 5.6 | 23.1 | -24.6 |
| JULY | 5.1 | 3.3 | 5.8 -3.8 | 14.0 | 18.9 | 15.7 | -28.5 | 9.2 | 53.6 | -25.1 |
| AUG. | 10.1 | 3.8 1.6 | -3.8 5.8 1.8 | 6.4 6.0 | 17.7 14.9 | 19.4 | -48.2 4.6 | 5.5 5.5 | 27.6 -23.2 | -28.5 -26.4 |
| SEPT. | 1.7 10.0 | 1.6 -4.3 | 5.8 13.7 | 6.0 10.7 | 14.9 | 15.2 18.8 | 4.6 27.3 | 5.5 7.3 | -23.2 | -20.4 3.0 |
| OC1. | 10.0 | -4.3 7.1 | 13.7 13.5 | 10.7 13.6 | 13.9 12.4 | 18.8 14.8 | 27.3 13.4 | 7.3 | 21.6 63.8 | 3.0 17.8 |
| OEC. | 4.9 | -5.9 | 11.0 | 10.1 | 11.3 | 18.3 | 16.1 | 5.4 | 34.9 | 14.6 |
| 1976-JAN. |  |  |  |  |  |  | -53.6 | 7.1 | 3.6 | 8.7 |
| FEB. | 14.6 | 3.8 | 7.7 | 21.4 | 14.7 | 10.7 | -57.0 | 7.1 | $-19.6$ | 5.7 |
| MAR ${ }_{\text {M }}$ | 9.6 15.9 | 4.3 14.6 | 3.1 | 11.0 14.9 | 14.2 14.1 | 21.1 6.9 | -35.0 -29.5 | 5.3 5.3 | 5.4 21.6 | 8.0 17.0 |
| MAY ${ }^{\text {P }}$ | 9.4 | 4.8 | 1.0 | 11.1 | 13.3 | 6.9 | -53.8 | 7.0 | 115.9 | 27.9 |

[^2]COMPONENTS OF MONEY STOCK AND RELATED MEASURES


[^3]
[^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]:    If A discussion of the actual behavior of nonborrowed reserves in the weeks between meetings relative to the behavior that was expected to be consistent with the Committee's shortmun targets for monetary growth may be found in Appendix A.

[^2]:    LI GRONTH RATES are based on estimated monthly average levels derived oy averaging eno of current month and ent of
    previous month reported data.
    PREVIOUS MONTH REPORTED DATA.

    - PRELIMINARY.

[^3]:    p- preliminary

