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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) $M_{1}$ increased at about a 12 per cent annual rate in November, but data available for recent weeks suggest that growth in December will be much slower. For November and December combined, $M_{1}$ is, therefore, projected to grow at about a 7 per cent annual rate. Growth in time deposits other than money market CD's has been somewhat stronger than expected at the time of the November FOMC meeting, and $M_{2}$ is projected to increase at about a 9.7 per cent annual rate over the November-December period, in the upper part of the Comittee's range of tolerance. Net inflows to thrift institutions have been well maintained.

Growth in Monetary Aggregates and RPD's over Novamber-December Period

Reserve and monetary aggregates (Growth at SAAR in per cent)
$M_{1}$
$M_{2}$
RPD
Memo:
Federal funds rate (per cent per annum)

Ranges of
Tolerance
6 to 10
$7 \frac{1}{2}$ to $10 \frac{1}{2}$
$4 \frac{3}{2}$ to $8 \frac{1}{2}$

43 to $5 \frac{1}{2}$

Latest Estimates

$$
7.1
$$

9.7
4.7

| Avg. for statement <br> week ending |  |
| :--- | :---: |
| Nov. 19 |  |

(2) Some of the unexpected strength in "other" time deposits at banks stems from increases in business savings accounts following the recent lifting of the regulatory prohibition on business holdings of such deposits. In the first three weeks after this regulatory change, they rose to about $\$ 530$ million at the weekly reporting banks. Since this form of saving probably appeals mainly to smaller firms, much of the recent growth may well reflect shifts of funds out of demand deposits.
(3) With growth in $M_{2}$ consistently in the upper part of its range, and $M_{1}$ growth in November large (particularly after taking account of the shift of corporate deposits from demand to savings accounts), the Desk has continued to seek reserve conditions consistent with Federal funds trading around 5h per cent. Member bank borrowing has remained minimal. Despite the stability of the Federal funds rate, short-term market interest rates have edged higher in recent weeks. These increases appear to reflect in part some market concern that the recent strengthening of key monetary aggregates may before long induce the System to tighten money market conditions. In addition, they may reflect seasonal corporate dividend and tax date pressures.
(4) The volume of securities going through longer-term markets has been quite heavy, and longer-term rates have remained at relatively advanced levels. The Treasury this week announced that it will raise $\$ 3$ billion of new cash through 2-year and 4-year notes to be auctioned in late December. Moreover, the volume of new corporate and muntcipal bond issues has been large--due in part to heavy foreign financing activity. The enactment of a Federal assistance program for New York City has helped bring about
scattered declines in municipal yields. But the market is still affected by uncertainties with regard to state agencies, longer-run prosnects for the state itself, and legal challenges to the mandated restructuring of New York City's debt.
(5) The table on the following page shows (in percentage annual
rates of change) selected monetary and financial flows over various time periods.

| -4- |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Calendar Year | Twelve <br> Months | $\begin{gathered} \text { Past } \\ \text { Six } \\ \text { Months } \end{gathered}$ | Past <br> Three Months | Past. <br> Month |
|  | 1974 | $\begin{aligned} & \hline \text { Nov. } 175 \\ & \text { over } \\ & \text { Nov. ' } 74 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Nov. '75 } \\ & \text { over } \\ & \text { May. '75 } \end{aligned}$ | $\begin{aligned} & \text { Nov. } 175 \\ & \text { over } \\ & \text { Aug. ' } 75 \end{aligned}$ | $\begin{aligned} & \text { Nov. }{ }^{175} \\ & \text { over } \\ & \text { Oct. } 175 \end{aligned}$ |
| Total reserves | 8.5 | -. 2 | 2.3 | 4.7 | 12.3 |
| Nonborrowed reserves | 10.7 | 3.3 | 2.3 | 6.5 | 16.9 |
| Reserves available to support private nonbank deposits | 8.9 | -. 9 | . 6 | 1.0 | 5.2 |
| Concepts of Money |  |  |  |  |  |
| $\mathrm{M}_{1} \begin{gathered}\text { (currency plus demand } \\ \text { deposits) }\end{gathered}$ | 4.8 | 4.7 | 5.9 | 3.8 | 12.2 |
| $M_{2}\left(M_{1}\right.$ plus time deposits at commercial banks other than large $C D^{\prime} s$ ) | 7.2 | 8.8 | 9.3 | 7.3 | 12.9 |
| $M_{3}\left(M_{2}\right.$ plus deposits at thrift institutions) | 6.8 | 11.4 | 11.7 | 9.2 | 12.5 |
| $\mathrm{M}_{4}\left(\mathrm{M}_{2}\right.$ plus $\left.C D^{\prime} \mathrm{s}\right)$ | 10.6 | 7.2 | 7.1 | 8.4 | 11.7 |
| $\mathrm{M}_{5}\left(\mathrm{M}_{3}\right.$ plus CD's) | 9.0 | 10.1 | 10.1 | 9.8 | 11.7 |
| Bank Credit |  |  |  |  |  |
| Total member bank deposits (bank credit proxy adj.) | 10.2 | 4.4 | 4.7 | 7.9 | 11.6 |
| Loans and investments of commercial banks 2/ | 9.2 | 4.1 | 5.5 | 6.2 | 10.5 |
| Short-term Market Paper |  |  |  |  |  |
| (Monthly average change in billions) |  |  |  |  |  |
| Large CD's | 2.2 | -. 3 | $-.7$ | 1.1 | .1 |
| $\frac{\text { Nonbank commercial paper }}{1 / \text { Other than interbank and }}$ | . 4 | -. 3 | -. 5 | $-1.0$ | -. 8 |
|  | 2/ Based on month-end figures. Includes loans sold to affiliates and branches |  |  |  |  |  |
|  |  |  |  |  |  |  |
| NOTE: All items are besed 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

(6) Summarized below for Committee consideration are alternative operating specifications for the monetary aggregates and the Federal funds rate for the period between now and the next Committee meeting. All of the alternatives can be viewed as being consistent with the FOMC's current longer-run objectives for the aggregates-as indexed by a $5-7 \frac{1}{2}$ per cent rate of growth in $M_{1}$ from QIII ' 75 to QIII '76. They do, of course, imply differing patterns of growth in $M_{1}$ over the target period and differing levels and time paths of interest rates (as shown in appendix table IV).

$$
\text { Alt. A Alt. B } \quad \text { Alt. C }
$$

Ranges of tolerance
for December-January


1/ The 2 -month growth rates for $M_{1}$ and $M_{2}$ are based on preliminary new seasonal factors. Appendix table $V$ compares the new and previous factors for $M_{1}$ and shows the effect of the change on monthly growth rates. For the December-January period, the new factors add about $2 \frac{1}{4}$ percentage points to the growth rate for $\mathbb{M}_{7}$. The revised money supply series incorporating new seasonal factors will not be published until late January. By that time benchmark and certain other statistical adjustments will have been completed for $M_{1}$, weekly seasonals consistent with the monthly seasonals will have been developed, and figures for reserves and bank credit will also have been revised. With the exception of the table in paragraph (6), all tables show data based on the old seasonal factors. However, the figures in parentheses in the detailed table on $p$. 5a_ reflect the new seasonal factors.
-5a-

Alternative Levels and Growth Rates for Key Monetary Aggregates.

|  |  | $\mathrm{M}_{1}$ |  |  | $\mathrm{M}_{2}$ |  |  | $\mathrm{M}_{3}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C |
| 1975 | November | 297.0 | 297.0 | 297.0 | 665.6 | 665.6 | 665.6 | 1088.7 | 1088.7 | 1088.7 |
|  | December | 297.5 | 297.5 | 297.5 | 669.2 | 669.2 | 669.2 | 1096.3 | 1096.2 | 1096.1 |
| 1976 | January | 298.6 | 298.4 | 298.2 | 673.6 | 673.2 | 672.8 | 1104.8 | 1104.1 | 1103.4 |
| 1975 | QIII | 294.1 | 294.1 | 294.1 | 653.5 | 653.5 | 653.5 | 1063.7 | 1063.7 | 1063.7 |
|  | QIV | 296.2 | 296.2 | 296.2 | 664.4 | 664.4 | 664.4 | 1087.5 | 1087.5 | 1087.4 |
| 1976 | QI | 301.2 | 300.7 | 300.3 | 679.8 | 678.7 | 678.0 | 1115.2 | 1113.6 | 1112.2 |
|  | QII | 307.4 | 306.7 | 306.3 | 694.7 | 693.3 | 692.6 | 1140.8 | 1138.6 | 1137.4 |
|  | QIII | 312.4 | 312.4 | 312.4 | 706.4 | 706.8 | 707.2 | 1161.9 | 1162.0 | 1162.5 |

Growth Rates
Monthly:

| -1975 December 1/ | $2.0(0.8)$ | $2.0(0.8)$ | $2.0(0.8)$ | 6.5(5.9) | $6.5(5.9)$ | 6.5 (5.9) | 8.4 | 8.3 | 8.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1976 January 17 | 4.4(9.9) | 3.6 (9.1) | 2.8(8.3) | 7.9(10.7) | $7.2(10.0)$ | 6.5 (9.3) | 9.3 | 8.6 | 8.0 |
| Quarterly Average: |  |  |  |  |  |  |  |  |  |
| 1975 QIV | 2.9 | 2.9 | 2.9 | 6.7 | 6.7 | 6.7 | 9.0 | 9.0 | 8.9 |
| 1976 QI | 6.8 | 6.1 | 5.5 | 9.3 | 8.6 | 8.2 | 10.2 | 9.6 | 9.1 |
| QII | 8.2 | 8.0 | 8.0 | 8.8 | 8.6 | 8.6 | 9.2 | 9.0 | 9.1 |
| QIII | 6.5 | 7.4 | 8.0 | 6.7 | 7.8 | 8.4 | 7.4 | 8.2 | 8.8 |
| QIIII '75-QI '76 | 4.8 | 4.5 | 4.2 | 8.0 | 7.7 | 7.5 | 9.7 | 9.4 | 9.1 |
| QI '76-QIII '76 | 7.4 | 7.8 | 8.1 | 7.8 | 8.3 | 8.6 | 8.4 | 8.7 | 9.0 |
| OIII '75-QIII '76 | 6.2 | 6.2 | 6.2 | 8.1 | 8.2 | 8.2 | 9.2 | 9.2 | 9.3 |

I/ Figures in parentheses represent rates of growth based on the preliminary new seasonal factors and are consistent with 2 -month growth rates shown in sumary table in paragraph (6).
-5b-
Alternative Levels and Growth Rates for Key Monetary Aggregates (cont'd)

| 1975 | November <br> December |
| ---: | :--- |
| 1976 | January |
| 1975 | QIII <br> QIV |
| 1976 | QI |
|  | QII |
|  | QIII |

Growth Rates
Monthly:
1975 December

1976 January
Quarterly Averages:

| 1975 | QIV |
| :--- | :--- |
| 1976 | QI |
|  | QII |
|  | QIII |

QIII '75-QI ${ }^{176}$
QI '76-QIII '76
QIII '75-QIII '76

| $\mathrm{M}_{4}$ |  |  | $M_{5}$ |  |  | Credit Proxy |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A1t. A | Alt. B | Alt. C | Alt. A | A1t. B | Alt. C | Alt. A | Alt. B | Alt. C |
| 747.0 | 747.0 | 747.0 | 1170.1 | 1170.1 | 1170.1 | 512.9 | 512.9 | 512.9 |
| 751.9 | -751.9 | 751.9 | 1179.0 | 1178.9 | 1178.8 | 516.1 | 516.1 | 516.1 |
| 757.0 | 756.6 | 756.2 | 1188.3 | 1187.5 | 1186.8 | 519.4 | 519.1 | 518.8 |
| 733.2 | 733.2 | 733.2 | 1143.5 | 1143.5 | 1143.5 | 504.7 | 504.7 | 504.7 |
| 746.2 | 746.2 | 746.2 | 1169.3 | 1169.3 | 1169.2 | 512.3 | 512.3 | 512.3 |
| 764.1 | 762.8 | 762.1 | 1199.5 | 1197.7 | 1196.3 | 523.0 | 522.1 | 521.5 |
| 780.9 | 779.3 | 778.6 | 1227.0 | 1224.6 | 1223.4 | 530.4 | 529.2 | 528.7 |
| 794.5 | 794.6 | 795.1 | 1250.0 | 1249.7 | 1250.4 | 535.3 | 535.3 | 535.7 |


| 7.9 | 7.9 | 7.9 | 9.1 | 9.0 | 8.9 | 7.5 | 7.5 | 7.5 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 8.1 | 7.5 | 6.9 | 9.5 | 8.8 | 8.1 | 7.7 | 7.0 | 6.3 |


| 7.1 | 7.1 | 7.1 | 9.0 | 9.0 | 9.0 | 6.0 | 6.0 | 6.0 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 9.6 | 8.9 | 8.5 | 10.3 | 9.7 | 9.3 | 8.4 | 7.7 | 7.2 |
| 8.8 | 8.7 | 8.7 | 9.2 | 9.0 | 9.1 | 5.7 | 5.4 | 5.5 |
| 7.0 | 7.9 | 8.5 | 7.5 | 8.2 | 8.8 | 3.7 | 4.6 | 5.3 |
| 8.4 | 8.1 | 7.9 | 9.8 | 9.5 | 9.2 | 7.3 | 6.9 | 6.7 |
| 8.0 | 8.3 | 8.7 | 8.4 | 8.7 | 9.0 | 4.7 | 5.1 | 5.4 |
|  |  |  |  |  |  |  |  |  |
| 8.4 | 8.4 |  |  |  |  |  |  |  |

(7) Under alternative $B$ the Federal funds rate range is centered around the $5 \frac{1}{4}$ per cent level that has been prevailing for several weeks. The staff believes that in these circumstances $M_{1}$ would grow in about a 4-6 per cent, annual rate, range and $M_{2}$ in a $7-9$ per cent range. Growth of $\mathrm{H}_{1}$ in the December-January period is expected to be constrained by continuing shifts of corporate funds from demand deposits to savings accounts. The expected range of $M_{1}$ growth reflects our assumption that such shifts may reduce $M_{1}$ growth by 1 to $1 \frac{1}{2}$ percentage points. This assumption is based on an evaluation of early data on the increase in corporate savings accounts and our expectation that the pace at which funds are transferred out of demand accounts will slow.
(8) Assuming little change in money market conditions, the 3-month bill rate is likely to fluctuate within a relatively narrow range between now and the next Committee meeting. The rate could drop somewhat as midDecember dividend and tax date pressures ease, but offsetting upward pressures are likely to be generated by a continuation of the Treasury's practice of raising sizable amounts of new cash in the weekly and monthly bill auctions. Longer-term rates are likely to change little over the period ahead. The holiday period will provide only a brief respite for the market, since the prospective volume of new corporate and municipal offerings in January remains relatively sizable and a large amount of Treasury financing is anticipated for the first quarter of the year.
(9) The basic outlook over the longer run for monetary aggregates and interest rates appears little changed from the previous blue book. Under alternative $B$, the Federal funds rate would be expected to begin cising by around mid-winter and may reach the $7-7 \frac{1}{2}$ per cent range by summer, which would be a shade less than projected last time. Growth in time deposits other than large CD's is expected to moderate progressively over the fixst half of next year. We have assumed that shifts of funds from demand deposits into corporate savings accounts will become negligible by late winter, but this assumption is subject to considerable uncertainty because of the novelty of the development.
(10) Although there may be some effort on the part of banks to issue $C D$ 's for year-end window-dressing purposes, banks are not likely to be aggressive issuers of $C D$ 's in the weeks ahead. Loan demands are likely to remain on the moderate side, and banks should have ample funds from other sources to accommodate these demands. Foreover, there are no signs that banks are significantly changing their conservative lending and liability management policies. Thus, bank credit growth will probably be relatively moderate in the December-January period, and also in the first half of next year.
(11) Alternative A contemplates a decline in the Federal funds rate to the mid-point of a $4 \frac{2}{4}-5 \frac{1}{4}$ per cent range. Given the high rates of growth in the monetary aggregates in fovember, such an easing in the money market would be contrary to current market expectations and might be accompanied by a sizable near-term decline in short-term rates. On the other hand, many market participants may take the view that such an easing is only temporary and, to that extent, declines in market rates would be limited. Under this alternative, the staff expects that the funds rate would have to begin rising later in the
winter in order to attain the $\mathrm{FOMC}^{\text {'s }}$ s current longer-run monetary objectives and that the rate would be in the $7 \frac{1}{2}-8$ per cent area by summer. This alternative, therefore, would ultimately tend to exert considerable pressure on savings inflows at thrift institutions and banks.
(12) Under alternative $C$, a rise in the funds rate to the mid-point of the $5 \frac{1}{4}-6 \frac{1}{4}$ per cent range between now and the next meeting is contemplated. Such a move would likely be accompanied by increases of $\frac{1}{2}$ to $\frac{3}{2}$ of a percentage point in other short-term rates and by smaller upward adjustments in longerterm rates. Net inflows of consumer-type time and savings deposits at banks and thrift institutions would be expected to moderate somewhat fron their recent pace over the next few weeks. Later on, however, they would be subject to less pressure than under alternatives $A$ or $B$ since the early tightening of money market conditions would tend to limit the extent to which interest rates would need to rise in the future in order to keep growth in the monetary aggregates on target, given the staff's GNP projection.

## Proposed directive

(13) Shown below is a proposed operational paragraph for consideration if the Committee wishes to continue formulating its instructions in terms of desired growth in monetary aggregetes 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 its present 5 to $7 \frac{3}{2}$ per cent target range for $M_{1}$, with which all of the short-run operating alternatives discussed in the preceding sections are consistent.
"Monetary Aggregate" Proposal
To implement this policy, while taking mere-than-ueuat account of developments 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 months ahead.
(14) Should the Comittee desire to formulate the directive In terms of bank reserve and money market conditions, the language needed would depend on the specific conditions sought. These 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 mere-than-usuat account of developments in domestic and international financial markets, the Committee seeks to achieve SOMEWHAT EASIER bank reserve and money market conditions OVER THE PERIOD IMMEDIATELY AHEAD, PROVIDED THAT monetary aggregates do not appear to be growing at rates above those CURRENTLY EXPECTED eensistent-with-mederate-grewth-\{a-menetary aggregates-ever-the-months-ahead.

## Alternative B

To implement this policy, while taking mere-than-usual account of developments in domestic and international financial markets, the Committee seeks to aehteve MAINTAIN PREVAILING bank reserve and money market conditions OVER THE PERIOD IMMEDIATELY AHEAD, PROVIDED that monetary aggregates appear to be growing at about the rates CURRENTLY EXPECTED censistent-with-mederate-grewth-in-monetary aggregatea-over-the-menths-ahead.

## Alternative C

To implement this policy, while taking more-Ehan-useat account of developments in domestic and international financial markets, the Committee seeks to achieve SOMEWHAT FLRMER bank reserve and money market conditions OVER THE PERIOD IMMEDIATELY AHEAD, PROVIDED that monetary aggregates do not appear to be growing at rates below THOSE CURRENTLY EXPECTED Censistent-with-mederate-grewth-in-menetayy growth-in-menetary-aggregates-over-the-months-ahead.
-11-
(14) In all four of the alternatives, it is proposed to delete the words "more than usual" in the phrase, "while taking more than usual account of developments in domestic and international financial markets," since action by the Federal Government has somewhat eased New York City's nearterm financial problems.

## RESERVES AVAILABLE TO SUPPORT PRIVATE NONBANK DEPOSITS



RPD series has been adjusted to remove discontinuities associated with changes in reserve requrement ratios


## MONETARY AGGREGATES



## MONEY MARKET CONDITIONS AND INTEREST RATES



BANK RESERVES
DEC. 12. 1975
(ACTUAL AND CURRENT PROJECTIONS)

| Period | réserves available FOR PRIVATE mONBANK DEPOSITS |  | AGGREGATE RESERVES |  | REQUIRED RESERVES |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | SEASONA | ADJUSTED |  |  |
|  |  |  | Total Reserves | Nonborrowed Reserves | Total Required | Private Demand | Total Time Deposits | Gov't. and Interbank |
|  | SA | NSA |  |  |  |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| MONTHLY LEVELS-SMILLIONS |  |  |  |  |  |  |  |  |
| 1975--SEPT. OCT. NOV DEC. | $\begin{array}{r} 32,424 \\ 32,345 \\ 32,486 \\ (32,598) \end{array}$ | $\begin{gathered} 32,242 \\ 32,247 \\ 32,498 \\ 132.8121 \end{gathered}$ | $\begin{array}{r} 34,320 \\ 34,257 \\ 34,607 \\ \{34,9701 \end{array}$ | $\begin{array}{r} 33,923 \\ 34,067 \\ 34,547 \\ (34,910) \end{array}$ | 34,129 34,050 74,324 $\{34,781\}$ | 19,870 19,628 19,737 $19,852)$ | 12,365 12,310 12,466 $122,556)$ | 1.894 1.912 2.121 12.3731 |
| PERCENT ANNUAL GROWTH |  |  |  |  |  |  |  |  |
| QUARTERLY |  |  |  |  |  |  |  |  |
| $\begin{array}{r} \text { 1975-- 2NO OTR. } \\ \text { 3RD OTR. } \\ 4 T H \text { OTR. } \end{array}$ | $\begin{gathered} 0.6 \\ -2.6 \\ 2.11 \end{gathered}$ |  | $\begin{gathered} 1.2 \\ -2.2 \\ 7.61 \end{gathered}$ | ( $\begin{aligned} & -0.2 \\ & -4.2 \\ & 11.06)\end{aligned}$ | ( $\begin{gathered}1.2 \\ -2.1 \\ 7.61\end{gathered}$ | 11.7 <br> 1.4 <br> -0.41 | -15.4 -8.7 6.23 |  |
| QUARTERLY-AV |  |  |  |  |  |  |  |  |
| $\begin{array}{r} \text { 1975--2ND OTR. } \\ \text { 3RD OTR. } \\ \text { 4TH OTR. } \end{array}$ | $\left(\begin{array}{c} -2.5 \\ -1.2 \\ 1 \\ 0.11 \end{array}\right.$ |  | -3.7 -0.8 $2.06)$ | (-2.8 <br> -2.8 <br> 5.01 | -3.6 -1.1 2.21 | 8.0 <br> 5.7 <br> -2.0$)$ | -17.0 -12.2 $2.1)$ |  |
| MONTHLY |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 1975--S E P T \\ & \text { OCT } \\ & \text { NOV } \\ & \text { OEC. } \end{aligned}$ | $\begin{array}{r} 0.6 \\ -2.9 \\ 5.2 \\ 4.11 \end{array}$ |  | $\begin{array}{r} 3.4 \\ -2.2 \\ 12.3 \\ 12.6) \end{array}$ | -2.6 5.1 16.9 12.61 | 4.1 -2.8 9.7 16.01 | 4.5 -14.6 6.7 7.0 | -5.4 14.1 -4.2 8.71 |  |
| NOV.-DEC. | ( 4.7) |  | ( 12.51 | (14.8) | (1209) | 1 b.E) | (2.2) |  |
| WEEKLY LEVELS-SMILLIONS |  |  |  |  |  |  |  |  |
| 1975--NOV. 5 | 32,920 | 32,969 | 34,970 | 34,903 | 34,106 | 19,628 | 12,428 |  |
| 12 | 32,016 | 31.905 | 33,842 | 33,802 | 33,830 | 19,628 19,496 | 12,428 | 2,049 1.825 |
| 19 | 32,426 | 32.541 | 34,707 | 34,648 | 34,522 | 19,804 | 12,437 | 2.281 |
| 26 | 32,620 | 32,569 | 34,833 | 34,759 | 34,621 | 19,938 | 12,470 | 2.213 |
| $\text { DEC. }{ }_{10}^{3}$ | $\begin{aligned} & 32,635 \\ & 32,531 \end{aligned}$ | $\begin{aligned} & 32,748 \\ & 32,389 \end{aligned}$ | $\begin{aligned} & 34,924 \\ & 34,637 \end{aligned}$ | $\begin{aligned} & 34,857 \\ & 34,607 \end{aligned}$ | $\begin{aligned} & 34,595 \\ & 34,463 \end{aligned}$ | $\begin{aligned} & 19,827 \\ & 19,832 \end{aligned}$ | $\begin{aligned} & 12,480 \\ & 12,526 \end{aligned}$ | $\begin{aligned} & 2,289 \\ & 2,106 \end{aligned}$ |
| NOTE: RESERVE SERIES HAVE BEEN ADJUSTED TO REMOVE DISCONTINUITIES ASSOCIATED WITH CHANGES IN RESERVE REQUIREMENT RATIO. DATA SHOHN IN PARENTHESES ARE CURRENT PROJECTIONSO AT THE FOMC MEETING OF NOV. 18 , 1975 THE COMMITTEE AGREED ON A RPD RANGE OF 4.5 TO 8.5 PERCENT FOR THE NOV.-DEC. PERIOD. |  |  |  |  |  |  |  |  |

actual and current projections, seasonally adjusted

note: oata shown in parentheses are current pribjections.
P - PRELIMINARY

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

| Period. | Open Market Operations 1/ |  |  |  |  | Daily Average Reserve Effects $\underline{\text { 2 }}$ |  |  | - In Reserve Categories |  | A Target. available reserves 5/ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Bills } \\ \& \text { Accept } . \end{gathered}$ | Coupon Issues | Agency Issues | $\begin{aligned} & \hline \text { RP's } \\ & \text { Net } 3 / \\ & \hline \end{aligned}$ | Total | Open Market Operations | $\triangle$ Member Bank Borrowing | $\begin{aligned} & \text { Other 4 } \\ & \text { Factors } \end{aligned}$ | Req. res, against U.S.G. and interb. | $\begin{aligned} & \text { avallable res. } 5 / \\ & (6)+(7)+(8)-(9) \end{aligned}$ |  |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| 1975--May | 197 | 50 | -97 | -3,357 | -3,207 | 5,064 | -50 | -5,747 | 1 | -734 | -170 |
| June | -413 | 958 | -6 | -1,855 | -1,317 | -3,165 | 211 | 3,438 | -96 | 580 | 215 |
| July | -2, 302 | -- | -2 | -623 | -2,926 | -832 | -10 | 553 | 167 | -456 | -325 |
| Aug. | -371 | 274 | 313 | 1,007 | 1,222 | -1,332 | -50 | 1,210 | -124 | -48 | -45 |
| Sept. | 1,932 | 822 | 393 | 2,008 | 5,155 | 2,458 | 186 | -2,432 | 98 | 114 | 10 |
| Oct. | 147 | -- | 284 | 15 | 445 | 1,276 | -204p | -1,135p | 15 | -78p | 265 |
| Nov. | -608 | 709 | -1 | -2,637 | -2,537 | 521 | -130p | -327p | 26p | 38p | 278 |
| Dec. |  |  |  |  |  |  |  |  |  |  | 353 |
| Jan. |  |  |  |  |  |  |  |  |  |  |  |
| 1975--Oct. 1 | 435 | -- | 394 | -1,092 | -263 | 2,798 | 186 | -2,157 | 61 | 766 |  |
| 8 | -240 | -- | -- | -5,806 | -6,047 | -2,763 | -343 | 1,922 | -86 | -1,098 |  |
| 15 | -932 | -- | -- | 1,548 | 616 | -1,935 | -65 | 2,462 | -65 | 527 |  |
| 22 | 501 | -- | -- | 3,527 | 4,028 | 935 | 60 | -1,112 | 236 | -353 |  |
| 29 | 690 | -- | 284 | 793 | 1,767 | 2,418 | -138 | -2,156p | -422p | 546p |  |
| Nov. 5 | -85 | -- | -1 | -7,526 | -7,612 | 407 | -28 | -104p | 200p | 75p |  |
| 12 | -910 | -- | -- | 6,114 | 5,204 | -4,580 | -27 | 3,393p | -150p | -1,064p |  |
| 19 | 23 | 355 | -- | 670 | 1,048 | 2,243 | 19 | -1,301p | 325p | 636p |  |
| 26 | 689 | 354 | -- | 3,216 | 4,259 | 2,995 | 15 | -3,037p | -55p | 28p |  |
| Dec. 3 | -202 | -- | -- | -5,793 | -5,994 | -1,064 | -7 | 1,207p | -43p | 179p |  |
| 10 | -204 | -- | -- | -1,482 | -1,686 | -2,536 | -37 | 2,152p | -63p | -358p |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |
| 24 |  |  |  |  |  |  |  |  |  |  |  |
| 31 |  |  |  |  |  |  |  |  |  |  |  |

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 preceeding period.
3/ Includes matched sale-purchase transactions as well as RP's.
4) Sum of changes in vault cash, currency in circulation, Treasury operations, F.R. float, gold and forefgn accountr, and other F.R. accounts.

5/ Reserves to support private nonbank deposits. Target change for November and December reflects the target adopted at the November 18, 1975 F0MG meeting Target change for previous months reflects the bluebook patterns that are consistent with target ranges that were adopted during the month.
P - Preliminary.

TABLE 4
NET Changes in system holdings of securities 1 /
(\$ millions, not seasonally adjusted)

| Period | Treasury Bills Net Change 2/ | Treasury Coupons Net Purchases 31 |  |  |  |  | Federal Agencies Net Purchases 47 |  |  |  |  | Net Change Outright Holdings Total 5/ | $\begin{aligned} & \mathrm{RP}^{\prime} \mathrm{s} \\ & \text { Net6/ } \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | $\begin{aligned} & \text { Within } \\ & \text { 1-year } \end{aligned}$ | 1-5 | $5-10$ | $\begin{gathered} \hline \text { Over } \\ 10 \\ \hline \end{gathered}$ | Total | Within 1-year | 1-5 | 5-10 | $\begin{gathered} \hline \text { Over } \\ 10 \\ \hline \end{gathered}$ | 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 |
| 1974--Qtr. III | 945 | 49 | 118 | 62 | 73 | 302 | 195 | 726 | 165 | 117 | 1,203 | 2,620 | -986 |
| Qtr.IV | -43 | 102 | 215 | 131 | 45 | 492 | 138 | 371 | 130 | 53 | 691 | 1,402 | -238 |
| 1975--Qtr. I | -2,093 | 33 | 1,054 | 625 | 312 | 2,024 | 69 | 169 | 285 | 61 | 584 | 508 | 53 |
| Qtr. II | 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 |
| 1975--June | -352 | 20 | 650 | 180 | 109 | 958 | -- | -- | -- | -- | -- | 539 | -1,855 |
| July | -2,305 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -2,304 | -623 |
| Aug. | -369 | 13 | 150 | 64 | 47 | 274 | 41 | 229 | 49 | 34 | 353 | 216 | 1,007 |
| Sept. | 1,917 | -- | 562 | 137 | 124 | 822 | 23 | 285 | 57 | 29 | 394 | 3,148 | 2,008 |
| Oct. | 97 | - | -- | -- | -- | -- | 58 | 141 | 71. | 14 | 284 | 430 | 15 |
| Nov. | -588 | 43 | 267 | 156 | 244 | 709 | -- | -- | -- | -- | -- | 99 | -2,637 |
| 1975-Oct. 1 | 413 | -- | -- | -- | -- | -- | 23 | 285 | 57 | 29 | 394 | 829 | -1,092 |
| 8 | -239 | -- | -- | -- | -- | -- | -- | - | -- | -- | - | -240 | -5,806 |
| 15 | -926 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -932 | 1,548 |
| 22 | 479 | -- | -- | $\cdots$ | -- | -- | -- | -- | -- | -- | -- | 502 | 3,527 |
| 29 | 671 | -- | -- | -- | -- | -- | 58 | 141 | 71 | 14 | 284 | 974 | 3,793 |
| Nov. 5 | -93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -85 | -7,526 |
| 12 | -882 | -- | -- | -- | -- | -- | -- | -- | _- | -- | -- | 910 | 6,114 |
| 19 | 19 | 32 | 136 | 74 | 114 | 355 | -- | -- | -- | -- | -- | 378 | 670 |
| 26 | 683 | 11 | 131 | 82 | 130 | 354 | -- | -- | -- | -- | -- | 1,043 | 3,216 |
| Dec. 3 | -200 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -202 | -5,793 |
| 10 | -200 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -204 | -1,482 |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |

1 Change from end-of-period to end-of-period.
2/ Outright transactions 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. Excludes 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/ Outright transactions in market and with foreign accounts only. Excludes redemptions and maturity shifts. In addition to net purchases of securities, also reflects changes
6/ Includes changes in both $\mathrm{RP}^{\prime}$ s ( + ) and matched sale-purchase transactions ( - ).

TABLE 5
SECURITY DEALER POSITIONS AND BANK POSITIONS
(millions of dollars)

| Period | $\begin{aligned} & \text { U.S. Govt. Security } \\ & \text { Dealer Positions } \end{aligned}$ |  | Dealer Positions |  | Member Bank Reserve Positions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Borrowing at FRB** Basic Reserve Deficit |
|  | Bills | Coupon Issues |  |  | Corporate Bonds | Municipal Bonds | Excess** Reserves | Total | Seasona1 | 8 New York | 38 Others |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| 1974--High | 3,678 | 2,203 | 253 | 384 | 577 | 3,906 | 176 | -7,870 | -12,826 |
| Low | -289 | -309 | 0 | 27 | -168 | 647 | 13 | -2,447 | $-6,046$ |
| 1975--High | 7,029 | 2,845 | 464 | 389 | 864 | 871 | 74 | -7,387 | -11,664 |
| Low | 1,586 | 253 | 0 | 48 | -50 | 18 | 5 | -1,757 | - 7,207 |
| 1974--Nov. | 2,900 | 1,608 | 83 | 268 | 205 | 1,252 | 67 | -6,322 | - 9,715 |
| Dec. | 2,985 | 1,836 | 175 | 149 | 258 | 727 | 32 | -5,960 | -10,169 |
| 1975--Jan. | 2,501 | 2,050 | 97 | 79 | 147 | 398 | 14 | -5,378 | - 9,744 |
| Feb. | 3,329 | 2,121 | 144 | 166 | 198 | 147 | 11 | -6,318 | - 9,533 |
| Max. | 3,143 | 2,521 | 307 | 195 | 195 | 96 | 7 | -5,732 | -10,302 |
| Apr. | 2,737 | 1,617 | 35 | 115 | 143 | 110 | 6 | -4,079 | -10,426 |
| 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 | 4,231 | 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 | 207p | 188p | 65p | -2,644 | - 9,202 |
| Nov. | *4,571 | *2,073 | 156 | 173 | 283p | 60p | 29p | -4,488p | -10,055p |
| 1975-Oct. 1 | 4,657 | 462 | 5 | 142 | 462 | 581 | 74 | -2,575 | - 7,207 |
| 8 | 5,812 | 846 | 0 | 154 | -24 | 238 | 74 | -2,663 | - 9,923 |
| 15 | 7,029 | 1,576 | 17 | 86 | 313 | 173 | 66 | -3,475 | -10,042 |
| 22 | 6,037 | 1,835 | 10 | 110 | 29p | 223p | 63p | -2,236 | - 9,398 |
| 29 | 5,085 | 1,456 | 25 | 122 | 286p | 95p | 61p | -2,206 | - 7,661 |
| Nov. 5 | 4,928 | 2,751 | 48 | 194 | 864p | 67 p | 43p | -2,497 | - 8,868 |
| 12 | 4,050 | 2,585 | 172 | 122 | 12p | 40p | 27p | -5,045 | -11,632 |
| 19 | *4,765 | *2,022 | 268 | 214 | 185p | 59p | 26p | -3,746 | -10,635 |
| 26 | *4,616 | *1,534 | 135 | 163 | 212p | 74p | 26p | -3,340 | - 9,626 |
| Dec. 3 | *4,748 | *1,281 | 105 | 110 | 329p | 67p | 22p | -3,459p | - 9,701p |
| 10 | *4,620 | * 875 | 140p | 112p | 175 p | 30p | 15p | -4,055p | -11,664p |
| 17 |  |  |  |  |  |  |  |  |  |
| 31 |  |  |  |  |  |  |  |  |  |

NOTE: Govertment security dealer trading positions are on a commitment basis. Trading positions, which exclude Treasury bills financed by repurchase still 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 borrowings are weighted averages of statement week figures.

TABLE 6
SELECTED INTEREST RATES
(Per Cent)

| Period | Short-Term |  |  |  |  |  | Long-Terin |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Treasury Bills |  |  | 90-119 Day <br> Commercial <br> Paper | CD's New Issue-NYC |  | Aaa Utility |  | Municipal Bond Buyer | U.S. Government (20-yr. Constant Maturity) | FNHAAuctionYield | GNMA <br> Guaranteed Securities |
|  | Federal Funds | 90-Day | 1-year |  | 60-89 Day | 90-119 Day | $\begin{gathered} \text { New } \\ \text { Issue } \end{gathered}$ | Recently offered |  |  |  |  |
| Pertod | (1) ${ }^{-1}$ | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| 1974--High | 13.55 | 9.63 | 9.54 | 12.25 | 12.25 | 12.00 | 10.61 | 10.52 | 7.15 | 8.68 | 10.59 | 9.98 |
| Low | 8.45 | 6.53 | 6.39 | 7.88 | 8.00 | 7.88 | 8.05 | 8.14 | 5.16 | 7.40 | 8.43 | 7.79 |
| 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 |
| 1974-WMov. | 9.45 | 7.47 | 7.29 | 8.95 | 8.78 | 8.72 | 9.21 | 9.34 | 6.61 | 7.99 | 9.87 | 8.71 |
| Dec. | -8.53 | 7.15 | 6.79 | 9.18 | 9.00 | 8.84 | 9.53 | 9.56 | 7.05 | 7.91 | 9.53 | 8.62 |
| 1975-Jan. | 7.13 | 6.26 | 6.27 | 7.39 | 7.43 | 7.45 | 9.36 | 9.45 | 6.82 | 7.88 | 9.25 | 8.48 |
| Feb. | 6.24 | 5.50 | 5.56 | 6.36 | 6.00 | 6.25 | 8.97 | 9.09 | 6.39 | 7.71 | 8.93 | 8.03 |
| Mar. | 5.54 | 5.49 | 5.70 | 6.06 | 5.88 | 6.03 | 9.35 | 9.38 | 6.74 | 7.99 | 8.82 | 8.09 |
| Apr. | 5.49 | 5.61 | 6.40 | 6.11 | 5.85 | 6.03 | 9.67 | 9.66 | 6.94 | 8.36 | 9.06 | 8.48 |
| 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 | 9.20 | 9.33 | 6.94 | 8.04 | 9.09 | 8.34 |
| July | 6.10 | 6.13 | 6.64 | 6.32 | 6.05 | 6.25 | 9.42 | 9.43 | 7.06 | 8.17 | 9.14 | 8.50 |
| Aug. | 6.14 | 6.44 | 7.16 | 6.59 | 6.31 | 6.63 | 9.45 | 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 |
| 1975--Oct. 1 | 6.36 | 6.47 | 7.26 | 6.80 | 6.50 | 7.00 | 9.72 | 9.70 | 7.67 | 8.59 | -- | 9.10 |
| 8 | 6.06 | 6.32 | 6.88 | 6.83 | 6.38 | 6.75 | 9.60 | 9.56 | 7.48 | 8.43 | 9.95 | 9.01 |
| 15 | 5.82 | 6.13 | 6.61 | 6.53 | 6.13 | 6.38 | 9.53 | 9.41 | 7.29 | 8.34 | -- | 8.95 |
| 22 | 5.73 | 5.83 | 6.37 | 6.23 | 5.75 | 6.00 | 9.32 | 9.30 | 7.17 | 8.26 | 9.65 | 8.94 |
| 29 | 5.65 | 5.66 | 6.18 | 5.93 | 5.63 | 6.13 | 9.22 | 9.33 | 7.36 | 8.22 | -- | 8.59 |
| Nov, 5 | 5.17 | 5.52 | 5.87 | 5.88 | 5.88 | 6.13 | 9.10 | 9.24 | 7.52 | 8.19 | 9.32 | 8.40 |
| 12 | 5.24 | 5.39 | 5.86 | 5.81 | 5.63 | 6.00 | 9.11 | 9.24 | 7.43 | 8.22 | -- | 8.40 |
| 19 | 5.24 | 5.44 | 6.10 | 5.75 | 5.50 | 6.00 | 9.40 | 9.30 | 7.39 | 8.34 | 9.33 | 8.52 |
| 26 | 5.28 | 5.54 | 6.23 | 5.75 | 5.75 | 6.00 | -- | 9.25 | 7.39 | 8.35 | -- | 8.66 |
| Dec. 3 | 5.25 | 5.56 | 6.24 | 5.81 | 5.75 | 6.13 | 9.46 | 9.34 | 7.31 | 8.34 | 9.32 | 8.57 |
| 10 | 5.26 | 5.62 | 6.44 | 5.93 | 6.00 | 6.00 | 9.37p | 9.27p | 7.34 | 8.39p | -- | 8.61 |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 31 |  |  |  |  |  |  |  |  |  |  |  |  |
| Daily--Dec. 4 | 5.24 | 5.61 | 6.39 | 5.88 | -- | -- | -- | -- | -- | 8.32 | -- | -- |
| 11 | 5.25 p | 5.56 | 6.38 | 6.00 | - | -- | - | -- | - | n.a. | -- | -- |

NOTE: Weekly data for columns 1 to 4 are statement week averages of dafly data. Columns 5 and 6 are one-day Wednesday quores. For columns 7 , 8 , and 10, the weekly date is the mid-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 week. Column 11 gives FAMA auction data for the Monday preceding the end of the statement week. Column 12 is a one-day quote for the Monday preceding the end of the statement week. The FNMA auction yield is the average yield in bi-weekly auction for short-term forward commitments for Government underwritten mortgages. GNMA yields are average net yields to investors on mortgage-backed securlties for inmediate delfuery, assuming prepayment in 12 years on pools of 30 -year FHA/VA mortgages carrying the prevailing ceiling rate,

MONEY AND CREDIT AGGREGATE MEASURES

| Period | RESERVES ${ }^{1 /}$ |  |  | $\begin{aligned} & \text { BANX CREDIT } \\ & \text { MEASURES } \end{aligned}$ |  | MONEY STOCK MEASURES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Non. borrowed | ```Avarlable to Support Pvt Deposits``` | Ad, Credit proxy | Total Loans and Invest ments | $M_{1}$ | $M_{2}$ | $M_{3}$ | M 4 , | M 5 | $M_{6}$ | M 7 |
|  | 1 | 2 | 3 | ${ }^{4} \underset{\text { (Per cent annual rates of, growih) }}{ }{ }^{5}$ |  |  |  | 8 | 9 | 10 | 11 | 12 |
| ANNUALLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1972 | 10.8 | 7.4 | 10.1 | 11.3 | 14.06 | 8.7 | 11.1 | 13.2 | 12.5 | 14.0 | 12.4 | 12.4 |
| 1973 | 7.9 | 7.3 | 9.2 | 10.4 | 13.5 | 0.1 | 3.8 | 8.9 | 11.6 | 10.6 | 11.6 | 11.9 |
| 1974 | A. 5 | 10.7 | 8.9 | 10.2 | 9.2 | $40{ }^{\text {a }}$ | 7.2 | 6.8 | 10.6 | 9.0 | 9.1 | 8.9 |
| SEMI-ANNUALLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1ST HALF 1674 | 10.9 | 0.3 |  | 14.5 | 15.0 | 6.3 | 8.7 | 7.9 | 13.3 | 10.9 | 11.0 | 11.0 |
| 2ND HALF 1974 | 5.0 | 21.1 | 5.0 | 5.4 | 3.1 | 3.1 | 5.5 | 5.4 | 7.5 | 6.7 | 6.9 | 6.5 |
| 1ST MALF 2975 | -3.6 | $-0.7$ | -2.1 | 5.3 | 5.1 | tol | 10.6 | 13.0 | 7.5 | 10.7 | 10.1 | 9.9 |
| OUARTERLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 4TH OTR. 1974 | 3.6 | 36.4 | 0.9 | 4.2 | -1.0 | 5.3 | 0.7 | 6.9 | 9.0 | 8.4 | 8.1 | 0.5 |
| 1ST QTR. 1975 | -8.4 | -1.3 | -4.7 | 3.1 | 5.7 | 0.8 | 7.6 | 9.9 | 6.3 | 8.8 | 7.9 | 7.6 |
| ZND OTR. 1975 | 1.2 | -0.2 | 0.6 | 7.5 -1.3 | 4.6 | 11.2 | 13.4 | 15.7 | 8.6 | $12 \cdot 3$ | 12.0 | 11.9 |
| 3RO OTR. 1975 | -2.2 | -4.2 | -2.6 | $-1.3$ | 3.6 | 2.3 | 6.3 | 9.9 | 2.9 | 7.4 | 7.0 | 6.2 |
| OUARTERLY-AV: |  |  |  |  |  |  |  |  |  |  |  |  |
| 4TH OTR. 1074 | 1.4 | 27.5 | 2.6 | 3.3 | 0.2 | 3.9 | 6.2 | 5.8 | 7.3 | 0.6 | 6 A - | 6.2 |
| 1ST OTR. 1975 | -0.9 | 11.6 | -1.4 | 4.1 | 1.0 | -0.3 | 5.8 | 7.8 | 7.4 | 8.8 | 8.0 | 7.0 |
|  | $-3.7$ | -2.8 | -2.5 | 5.2 | 5.1 | 8.0 | 11.2 | 13.8 | 6.6 | 10.6 | 9.9 | 9.9 |
| 3RD OTR - 1975 | -0.8 | -2.8 | -1.2 | 1.4 | 4.1 | 0.5 | 10.4 | 13.2 | 5.6 | 9.9 | 9.6 | 9.0 |
| Munthly: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1974--NOV. | -2.4 | 19.0 | -2.5 | 5.2 | 5.0 | 8.5 | 7.9 | 7.7 | 5.7 | 6.2 | 5.8 | 3.6 |
| OEC. | 15.4 | 34.0 | 6.6 | 7.6 | -9.4 | 3.4 | 3.7 | 5.4 | 11.4 | 10.8 | 9.4 | $7 \cdot 3$ |
| 1975--JAN. | 7.4 | 19.5 | 0.0 | 3.6 | 4.7 | -11.8 | 2.5 | 5 ath | 6.7 | 7.9 | 8.2 | 7.5 |
| FEB. | -27.3 | -19.0 | -8.0 | -0.2 | 4.3 | 3.4 | 8.4 | 9.9 | 6.1 | 8.2 | 7.0 | 6.9 |
| MAR. | -5.0 | -4.1 | -5.5 | 5.8 | 7.9 | 11.0 | 11.6 | 13.9 | 6.1 | 10.2 | 8.2 | 8.5 |
| APR. | 8.2 | 8.1 | 2.9 | 5.1 | 3.4 | 3.4 | 7.3 | 11.7 | 4.2 | 9.2 | 9.6 | 9.5 |
| MAY | -14.7 | $-13.2$ | -10.3 | 2.4 | 5.1 | 11.3 | 13.4 | 14.9 | 7 7-0 | 10.7 | 10.0 | 9.8 |
| JUNE | 10.3 | 4.7 | 9.1 | 15.1 | 5.1 | 18.7 | 19.2 | 19.8 | 14.3 | 16.7 | 16.3 | 15.9 |
| July | 4.1 | 105 | -2-1 | -5.2 | 2.0 | 2.0 | 8.2 | 12.2 | 4.1 | 9.1 | 9.2 | 8.8 |
| AUG. | -14.06 | -11.5 | -6.1 | -5.5 | 6.8 | 2.9 | 5.9 | 9.4 | -1.5 | 4.4 | 3.7 | 2.9 |
| SEPT. <br> OCT. P | 3.9 -2.2 | -2.66 | 0.6 -2.9 | 6.7 5.2 | 2.0 6.0 | 2.0 -2.9 | 4.8 4.0 | 7.8 7.2 | 6.1 7.2 | 8.4 9.0 | 8.1 8.2 | 6.9 7.3 |
| OCT. ${ }^{\text {NOV }}$ | -2.2 12.3 | 5.1 16.9 | -2.9 5.2 | 502 11.6 | 10.0 | -2.9 12.2 | 4.08 12.9 | 7.2 12.5 | 7.2 11.7 | 9.0 11.7 | 10.7 | 7.3 9.5 |

NOT 5 : $A D J U S T E D$ CREDIT PROXY INCLUDES MAINLY TOTAL MEMBER GAVK DEPOSITS SUBJECT TO RESERVE REOUIREMENTS, LOANS SOLD TO BANKRELATED INSTITUTIONS, AND EURODOLLAR BORROWINGS OF U.S.BANKS. WEEKLY OATA ARE DAILY AVERAGES FOR STATEMENT HEEKS. MONTHLY DATA ARE DAILY AVLRAGES. WEEKLY DATA ARE NOT AVAILABLE FOR MB, MS, MG, M7, TOTAL LOANS AND INVESTMENTS ANG THRIFT INSTITU-- mp; total ldans and investments and thrift institution deposits.
based on data adjusted for changes in reserve requirements.
p - PRELIMINARY

SEASONALLY ADJUSTED, BILLIONS OF DOLLARS

| Period | RESERVES ${ }^{\sqrt{1 /}}$ |  |  | BANK GREDIT MEASURES |  | MONEY STOCKMEASURES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Non borrowed | Avallable to <br> Support Pvt <br> Deposits | Ad, Credit proxy | Total Loans and Invest ments | $M_{1}$ | $M_{2}$ | $M_{3}$ | M 4 | $M_{5}$ | $M_{6}$ | M 7 |
| annually: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| $\begin{aligned} & 1972 \\ & 1973 \end{aligned}$ | 30,016 32,377 | 28,966 31,078 | 27,734 30,272 | 406.4 448.7 | 55900 63406 | 255.8 271.5 | 525.7 572.2 | 844.9 919.6 | 569.7 636.0 | 888.8 983.4 | 985.5 1095.4 | 1013.1 $1133-6$ |
| MONTHLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 1974-\text { NOV. } \\ & \text { OEC } \end{aligned}$ | 34,693 35,138 | 33,441 34,411 | 32,795 32,975 | 491.2 494.3 | 697.4 691.9 | 283.0 284.4 | 611.6 613.5 | $975: 9$ 981.7 | 697.1 703.7 | 1062.4 1072.0 | 1185.8 1195.1 | 1227.2 1234.7 |
| 1975--JAN. | 35,368 | 34,970 |  |  |  |  |  |  |  |  |  |  |
| 1975--JAN. | 35,368 34,564 | 34,976 34,417 | 32,974 32,739 | 495.8 495.7 | 694.6 697.1 | 281.6 282.4 | 614.8 619.1 | 986.3 994.4 | 707.6 711.2 | 1079.1 1086.5 | 1203.3 1210.3 | 1242.4 1249.5 |
| MAR. | 34,404 | 34.298 | 32,588 | 498.1 | 701.7 | 28500 | 629.1 | 1005.9 | 714.8 | 1095.7 | 1218.6 | 1258.3 |
| APR. | 34,640 | 34,530 | 32,068 | 500.2 | 703.7 | 285.8 | 628.9 | 1015.7 | 717.3 | 1104.1 | 1228.3 | 1268.3 |
| MAV | 34,216 | 34,150 | 32,388 | 501.2 | 706.7 | 288.5 | 635.9 | 1028.3 | 721.5 | 1113.9 | 1238.5 | 1278.7 |
| JUNE | 34,510 | 34, 883 | 32,633 | 507.5 | 709.7 | 253.0 | 646.1 | 1045.3 | 730.1 | 1129.4 | 1255.3 | 1295.6 |
| Julv | 34,628 | 34,326 | 32,575 | 505.3 | 710.9 | 293.5 | 650.5 | 1055.9 | $732-6$ | 1138 0 0 | 1264.0 | 1305.1 |
| AUG. | 34,205 34,320 | 33,996 33,923 | 32,409 32,424 | 503.0 505.8 | 714.0 716.1 | 294.2 494.7 | 653.7 656.3 | 1004.2 1071.1 | 731.7 735.4 | 1142.2 | 1268.08 | 1308.3 131508 |
| OCT. NOV. | 34,257 34,607 | 34,067 | 32,345 34,486 | 508.0 512.9 | 719.7 726.0 | 294.0 29700 | 658.5 665.6 | 1077.5 1088.7 | 739.8 747.0 | 1158.8 1170.1 | 1286.1 1297.6 | 1323.8 1334.3 |
| WEEKL Y: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975--OCT. 8 | 33,945 | 33,706 | 32,087 | 506.9 |  | 293.4 | 656.3 | $\cdots \cdots$ |  | $\cdots \sim$ | $\cdots$ |  |
| ( 15 | 34,312 | 34,139 | 32.500 | 507.9 |  | 294.7 | 659.1 |  | 740.5 |  |  |  |
| $\begin{aligned} & 22 P \\ & 29 P \end{aligned}$ | $34,153$ $34,320$ | 33,920 34,225 | 32.051 32.518 | 508.7 507.2 |  | 294.3 252.5 | 659.0 698.0 |  | 740.0 739.3 |  |  |  |
| 29 P | 34,320 | 34,225 | 32.518 | 507.2 |  | 292.5 | 698.0 |  | 739.3 |  |  |  |
| Nov. 5p | 34,970 | 34.903 | 32.920 | 510.2 |  |  |  |  | 743.0 |  |  |  |
| $12{ }^{\circ}$ | 33,842 | 33,802 | 32.016 | 513.1 |  | 298.0 | 665.7 |  | 746.7 |  |  |  |
| 19P | 34,707 34,833 | 34,648 34,759 | 32.426 32.620 | 513.5 514.1 |  | 296.4 296.7 | 664.9 686.8 |  | 746.2 748.3 |  |  |  |
| DEC. 3P | 34,924 | 34,857 | 3<.635 | 516.2 |  | 299.1 | 669.1 |  | 751.4 |  |  |  |
|  data are daily averages. wekly oata are not available for m3, m 5 , mg, my, total coans and investments and thrift institution deposits. <br> 1/ ESTIMATED MONTHLY AVERAGE LEVELS DERIVED BY AVERAGING END OF CURRENT MONTH and END DF PREVIOUS MONTH REPORTED OATA. <br> p - preliminary |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

COMPONENTS OF MONEY STOCK AND RELATED MEASURES


COMPONENTS OF MONEY STOCK AND RELATED MEASURES

| Persod | Currency | Demand Deposits | Total Time Deposits | Time Other Than CD's | Mutual Savings Bank and S \& L Shares y | Credit Union Shares | CD's | Savings Bonds ${ }_{1}$ | Short Term U.S. Gov't Securities | Commercial Paper | Nondeposit Funds | $\begin{gathered} \text { U.S. } \\ \text { Gov't } \\ \text { Demand } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ANNUALLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 1972 \\ & 1973 \end{aligned}$ | 56.9 61.6 | 198.9 209.9 | 313.8 $30+5$ | 269.9 300.7 | 297.5 322.8 | 2100 2400 | 43.9 63.8 | 57.0 59.9 | 39.8 52.1 | 27.0 38.3 | 4.3 6.0 | 5.6 3.9 |
| MONTHLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1974--OCT. | 66.3 | 215.2 | 412.1 | 325.9 | 336.2 |  |  |  |  |  |  |  |
| NOV. | 67.4 | 216.2 | 413.5 | 328.0 | 338.2 | 27.2 | 85.5 | 62.2 | 60.8 | 42.4 41.4 | 7.9 | 3.7 4.6 |
| DEC. | 67.9 | 216.5 | 419.3 | 329.1 | 340.8 | 27.3 | 90.3 | 62.8 | 00.3 | 39.6 | 8.4 | 1.9 |
| 1975--JAN. | 68.2 | 213.4 | 426.0 | 333.2 | 34300 | < 7.9 | 92.7 | 63.2 | 61.1 | 39.1 | 7.6 | 0.7 |
| FEB. | 66.7 | 213.7 | $4 \times 8.8$ | 336.7 | 346.9 | 28.0 | 92.1 | 63.3 | 60.3 | 39.3 | 0.5 | 0.6 |
| MAR ${ }^{\text {a }}$ | 69.4 |  | 429.9 | 340.1 | 352.0 | 28.4 | 89.6 | 63.8 | 59.2 | 39.7 | 6.5 | 0.7 |
| APR. | 69.5 | 216.3 | 431.5 | 34.31 | 357.4 | 29.4 | 83.4 | 64.1 | 60.2 | 40.0 | 6.7 | 2.1 |
| MAY | 70. | 218.3 | 432.9 | 347.4 | 362.5 | 29.9 | 85.5 | 64.4 | 60.2 | 40.2 | 7.7 | $2-1$ |
| JUNE | 71.1 | 261.9 | 437.1 | 353.1 | 368.6 | 30.0 | 94.1 | 64.7 | 61.2 | 40.3 | 7.0 | 3.8 |
| JULY | 71.4 | 222.1 | 439.1 | 357.0 | 37404 | 31.0 | 82.1 | 65.1 | 61.8 | 40.2 | 6.8 | 2.5 |
| AUG* | 71.9 | 222.3 | 437.4 | 359.4 | 379.0 | 31.5 | 78.0 | 65.4 | 61.2 | 39.4 | 7.0 | 2.9 |
| SEPT. | 72.0 | 222.7 | 440.7 | 36.07 7 | 382.4 | 31.4 | 74.1 | 65.8 | 61.4 | 3 C .4 | 7.0 | 3.1 |
| $\begin{aligned} & \text { OCT. } P \\ & \text { NQV. } \end{aligned}$ | 72.6 73.3 | 221.5 223.7 | 445.7 450.0 | 364.5 368.6 | 386.0 390.2 | 32.4 32.9 | 81.3 81.4 | 66.2 66.6 | 61.1 60.9 | 37.7 36.8 | 7.9 8.2 | 2.9 3.5 |
| WEEKLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975--OCT. 8 |  |  |  | 36<09 |  |  | 82.6 |  |  |  | 7.5 | 2.9 |
| $15$ | 72.6 | 222.1 | 445.8 | 364.4 |  |  | 81.4 |  |  |  | 7.8 | 3.3 |
| $22 P$ | 72.5 | 221.9 | 445.7 | 30406 |  |  | 81.0 |  |  |  | 8.4 | 3.5 |
| 29 P | 72.7 | 219.9 | 446.7 | 365.5 |  |  | 81.3 |  |  |  | 7.9 | 2.3 |
| NOV. 5P | 72.8 | 223.3 | 446.9 | 365.9 |  |  | 81.0 |  |  |  | 8.0 | 3.0 |
| $1 \angle P$ | 73.3 | 224.7 | 448.7 | 367.7 |  |  | 80.9 |  |  |  | 7.9 | 3.9 |
| $19 \mathrm{p}$ | 73.4 | 223.0 | 449.8 | 368.5 |  |  | 81.2 |  |  |  | 8.6 | 3.9 |
| 26P | 73.4 | 223.3 | 451.6 | 370.0 |  |  | 81.5 |  |  |  | 8.5 | 3.3 |
| DEC. 3P | 73.9 | 225.3 | 452.3 | 369.9 |  |  | 82.4 |  |  |  | 8.0 | 3.4 |

NOTES: RESERVE REGUIREMENTS DN EURODULLAR GORROWINGS ARE INCLUDED BEGINNING OCTOBER 16, 1969, AND REQUIREMENTS ON BANK-RELATED COMMERCIAL PAPER ARE IACLUDED BEGGINNING OCTOBER 1, 1970.
1/ ESTIMATED MONTHLY aVERAGE LEVELS DERIVED BY AVERAGING ENL OF CURRENT MONTH aND ENO OF pREVIOUS MONTH REPGRTED DATA.
P - PRELIMINARY

## Appendix Table III

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

|  |  | $\mathrm{M}_{1}$ |  | $\mathrm{M}_{2}$ |  | $\mathrm{M}_{3}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | M | $Q$ | M | $Q$ | M | $Q$ |
| 1973 | I | 3.4 | 6.8 | 7.3 | 9.1 | 8.8 | 10.4 |
|  | II | 11.3 | 7.3 | 10.6 | 8.6 | 10.5 | 9.1 |
|  | III | 0.6 | 5.5 | 5.6 | 7.8 | 5.2 | 7.5 |
|  | IV | 8.7 | 5.0 | 10.8 | 8.9 | 9.8 | 7.9 |
| QIV | '72-QIV '73 | 6.1 | 6.3 | 8.8 | 8.9 | 8.8 | 9.0 |
| 1974 | I | 5.5 | 5.8 | 9.3 | 9.6 | 8.9 | 9.1 |
|  | II | 7.0 | 7.3 | 7.9 | 8.3 | 6.8 | 7.6 |
|  | III | 1.0 | 3.5 | 4.2 | 6.0 | 3.8 | 5.2 |
|  | IV | 5.3 | 3.9 | 6.7 | 6.2 | 6.9 | 5.8 |
| QIV | '73-QIV '74 | 4.8 | 5.2 | 7.2 | 7.7 | 6.8 | 7.1 |
| 1975 | I | 0.8 | -0.3 | 7.6 | 5.8 | 9.9 | 7.8 |
|  | II | 11.2 | 8.6 | 13.4 | 11.2 | 15.7 | 13.8 |
|  | III | 2.3 | 6.9 | 6.3 | 10.4 | 9.9 | 13.2 |

[^1]
## Appendix Table IV

## Projected Federal Funds Rates

|  | $\frac{\text { Alt. A }}{}$ | Alt. B | Alt. C |
| :---: | :---: | :---: | :---: |
| 1975 QIV | $5-3 / 8$ | $5-3 / 8$ | $5-3 / 8$ |
| QI | $5 \frac{3}{4}$ | $5 \frac{3}{4}$ | 6 |
| QII | $6 \frac{3}{4}$ | $6 \frac{3}{4}$ | $6 \frac{3}{2}$ |
| QIII | $7 \frac{3}{4}$ | $7 \frac{3}{4}$ | $6 \frac{1}{2}$ |

## Appendix Table V

Preliminary Revised Seasonal Factors on Demand Deposits and Effects on $M_{1}$ Growth Rates

|  | 01d factors | New factors | Effect on $M_{1}$ growth (at annual rate) ${ }^{1 /}$ |
| :---: | :---: | :---: | :---: |
| January | 103.5 | 103.1 | 5.5 |
| February | 99.0 | 98.7 | -0.4 |
| March | 99.0 | 99.0 | -3.4 |
| April | 100.9 | 100.9 | 0.4 |
| May | 97.9 | 97.9 | 0 |
| June | 99.1 | 99.5 | -4.1 |
| July | 99.55 | 99.8 | 2.1 |
| August | 98.4 | 98.4 | 2.0 |
| September | 99.2 | 99.2 | -- |
| October | 98.8 | 99.6 | 1.5 |
| November | 100.5 | 100.6 | -3.2 |
| December | 103.1 | 103.3 | -1.2 |

1/ Includes effect of currency seasonals.


[^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]:    $\mathrm{M}=$ 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.

