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## MONETARY AGGREGATES AND MONEY MARKET CONDITIONS

MONETARY AGGREGATES AND
MONEY MARKET CONDITIONS
Recent Developments
(1) Incoming data since the February FOMC meeting suggest that $M_{1}$ is growing at about a 6 per cent annual rate in the FebruaryMarch period, somewhat below the mid-point of its range. Continuing strength in time deposits other than large CD's (particularly in savings deposits) has sustained $M_{2}$ growth. Over February-March, $M_{2}$ is now expected to expand at a little more than an 11 per cent annual rate, near the midpoint of its range.
(2) Growth in total bank loans has remained quite modest, as business demands for short-term credit have continued to be weak; business loans at banks declined at a 5.3 per cent annual rate in February. Banks have contiqued to allow $C D$ 's to run off in volume, as inflows of other time and savings deposits have remained large. They have also added further to their security holdings, particularly Treasury coupon issues in the 1-5 year maturity area.

Growth in Monetary Aggregates and RPD's over February-March Period

Reserve and monetary aggregates
(Growth at SAAR, in per cent)
$M_{1}$
$M_{2}$
RPD

Memo:
Federal funds rate $4 \frac{3}{4}$ to $5 \frac{3}{4}$

Ranges
5 to 9
9 to 13
$-4 \frac{3}{2}$ to $-\frac{3}{2}$

Latest Estimates 6.1
11.4
-5.1
Avg. for statement

| week ending |  |  |
| :--- | ---: | ---: |
| Feb. | 18 | 4.70 |
|  | 25 | 4.80 |
| Mar. | 3 | 4.95 |
|  | 10 | 4.86 |

(3) Late in February, incoming data suggested that growth in the aggregates was strengthening rather considerably. The rate of expansion in $M_{2}$ appeared to be at the upper limit of the range specified by the Committee, and growth in $M_{1}$ was above its mid-point. Accordingly, the Desk decided to shade its Federal funds rate target from $4 \frac{3}{4}$ per cent to a $4 \frac{3}{4}--4-7 / 8$ per cent range. However--with incoming information at the time pointing to a strengthening of economic activity--banks overreacted to the Desk's willingness to permit some additional fiming in the money market, and for a while began bidding aggressively for Federal funds. As a result, the effective funds rate was above 5 per cent on several days of the statement week, and the average for the week rose to 4.95 per cent. Subsequently, with additional data indicating that growth in $M_{1}$ and $M_{2}$ over the February-March period might be well within the ranges, the Desk has operated to return the funds rate to the $4 \frac{3}{4}$ per cent area.
(4) The firming in money market conditions at the end of February, coupled with published data which at the time indicated a substantial strengthening in the monetary aggregates, resulted in a general advance of short-term rates of $1 / 8$ to $1 / 2$ a percentage point, with the largest increases in the bill area. With the recent easing in the funds market, however, short-term rates have dropped back, and are now only about $10-25$ basis points above levels prevailing at the time of the February FOMC meeting. Bond market rates showed little net change over the intermeeting period, as deciines in late February-which carried
rates on some high quality corporate issues to their lowest levels in 2 years--were reversed in early March when short-term rates rose and the forward calendar of new issues increased. Mortgage rates have edged down slightly on balance recently, as deposit inflows at thrift institutions have remained strong.
(5) The table on the following page shows (in percentage annual rates of change) selected monetary and financial flows over various time periods.

|  | -4- |  |  | Past Three Months | Past <br> Month |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Calendar } \\ \text { Year } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Calendar } \\ \text { Year } \end{gathered}$ | Past Six Months |  |  |
|  | 1974 | 1975 | $\begin{aligned} & \text { Feb. }{ }^{176} \\ & \text { over } \\ & \text { Aug. } 175 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Feb. }{ }^{176} \\ & \text { over } \\ & \text { Nov. } 175 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Feb. }{ }^{176} \\ & \text { over } \\ & \text { Jan. }{ }^{1} 75 \\ & \hline \end{aligned}$ |
| Total reserves | 7.1 | -. 4 | -1.4 | -5.2 | -6.1 |
| Nonborrowed reserves | 9.2 | 1.3 | -0.6 | -5.4 | -6.3 |
| Reserves available to support private nonbank deposits | 7.4 | -1.1 | -1.4 | -3.2 | -5.0 |
| Concepts of Money |  |  |  |  |  |
| $M_{1}$ (currency plus demand deposits) $1 /$ | 4.7 | 4.2 | 2.5 | 1.6 | 6.5 |
| $M_{2}$ ( $M_{1}$ plus time deposits at commercial banks other than large $\mathrm{CD}^{\prime} \mathrm{s}$ ) | 7.2 | 8.3 | 8.1 | 9.3 | 14.3 |
| $M_{3}$ ( $M_{2}$ plus deposits at thrift institutions) | 6.8 | 11.2 | 10.4 | 10.9 | 14.5 |
| $\mathrm{M}_{4}\left(\mathrm{M}_{2}\right.$ plus CD's) | 10.6 | 6.3 | 6.3 | 4.8 | 6.7 |
| $M_{5}$ ( $M_{3}$ plus CD's) | 9.0 | 9.6 | 9.1 | 8.0 | 9.6 |
| Bank Credit |  |  |  |  |  |
| Total member bank deposits (bank credit proxy adj.) | 10.2 | 3.9 | 5.1 | 1.6 | 4.9 |
| Loans and investments of commercial banks 2/ | 9.2 | 4.3 | 4.1 | 2.0 | 8.1 |
| Short-term Market Paper (Monthly average change in billions) |  |  |  |  |  |
| Large CD's | 2.2 | -. 6 | -. 6 | -2.1 | -3.8 |
| Nonbank commercial paper | . 4 | -. 2 | -. 3 | . 5 | . 4 |
| 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
(6) Alternative shorter-run operating ranges for the monetary aggregates and the Federal funds rate are sumarized below for Comittee consideration. More detailed figures, as well as longer-run growth rates, are shown in the tables on pp . 5a and 5 b .
Alt. A
A1t. B
A1t. C

Ranges for March-April

| $M_{1}$ | 4 to 8 | $3 \frac{1}{2}$ to $7 \frac{3}{2}$ | 3 to 7 |
| :--- | :--- | :--- | :--- |
| $M_{2}$ | 8 to 12 | $6 \frac{3}{4}$ to $10 \frac{3}{4}$ | 6 to 10 |
| RPD | -2 to 2 | $-2 \frac{1}{2}$ to $1 \frac{3}{2}$ | -3 to 1 |
| unds rate | $3 \frac{3}{4}$ to $4 \frac{3}{4}$ | $4 \frac{3}{4}$ to $5 \frac{3}{4}$ | $4 \frac{3}{4}$ to $5 \frac{3}{4}$ | Federal funds rate

33 to $4 \frac{3}{4} \quad 4 \frac{3}{4}$ to $5 \frac{3}{4} \quad 4 \frac{3}{4}$ to $5 \frac{3}{4}$ (Intermeeting range)
(7) The Federal funds rate under alternative $B$ is centered on $4 \frac{3}{4}$ per cent, the funds rate level most recently sought by the Desk. Given such a funds rate, over the March-April period $M_{1}$ is expected to expand in a $3 \frac{1}{2}-7 \frac{1}{2}$ per cent annual rate range. Tax refunds are likely to contribute somewhat to growth in demand deposits in March. As April progresses, however, payments by the Treasury will probably be moderating and might be more than offset by the public's drawing down balances that had been built up by earlier refunds. Thus, $M_{1}$ growth during the March-April period is expected to depend essentially on transactions demands associated with the projected relatively rapid expansion in nominal GNP. Our expectation for money growth over the next two months assumes some continued downard shift in money demand.
-5a-
Altgrnative Levels and Growth Rates for Key Monetary Aggregates

|  |  | $M_{1}$ |  |  | $\mathrm{M}_{2}$ |  |  | $\mathrm{M}_{3}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Alt. A | Alt, B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C |
| 1976 | February | 296.9 | 296.9 | 296.9 | 677.0 | 677.0 | 677.0 | 1115.6 | 1115.6 | 1105.6 |
|  | March | 298.3 | 298.3 | 298.3 | 681.8 | 681.8 | 681.8 | 1125.3 | 1125.3 | 1125.4 |
|  | April | 299.9 | 299.6 | 299.4 | 688.3 | 687.0 | 686.2 | 1137.2 | 1135,5 | 1134.3 |
| 1975 | QIV | 294.7 | 294.7 | 294.7 | 660.2 | 660.2 | 660.2 | 1084.5 | 1084.5 | 1084.5 |
| 1976 | QI | 296.8 | 296.8 | 296.8 | 675.9 | 675.9 | 675.9 | 1114.4 | 1114.4 | 1114.4 |
|  | QII | 302.2 | 301.9 | 301.8 | 695.4 | 693.3 | 692.2 | 1149.7 | 1146.5 | 1144.3 |
|  | QIII | 307.8 | 307.4 | 307.1 | 712.0 | 710.1 | 707.9 | 1179.7 | 1176.6 | 1172.6 |
|  | QIV | 312.4 | 312.4 | 312.4 | 725.2 | 724.7 | 723.8 | 1203.9 | 1202.8 | 1201.3 |

## Growth Rates

Monthly:

```
1976 March
    April
```

Quarterly Average:

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

QIV '75-QII '76
QII '76-QIV '76
QIV '75-QIV '76
Committee Longer-run Growth Ranges QIV ${ }^{+75-Q I V}{ }^{176}$

7雰 to $10 \frac{1}{2}$
$\begin{array}{rrr}10.4 & 10.4 & 10.4 \\ 12.7 & 10.9 & 9.4\end{array}$

| 5.7 | 5.7 | 5.7 |
| :--- | :--- | :--- |
| 6.4 | 5.2 | 4.4 |

8.5
$8.5 \quad 8.5$
7.7

11

| 2.9 | 2.9 | 2.9 | 9.5 | 9.5 | 9.5 | 11.0 | 11.0 | 11.0 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 7.3 | 6.9 | 6.7 | 11.5 | 10.3 | 9.6 | 12.7 | 11.5 | 10.7 |
| 7.4 | 7.3 | 7.0 | 9.5 | 9.7 | 9.1 | 10.4 | 10.5 | 9.9 |
| 6.0 | 6.5 | 6.9 | 7.4 | 8.2 | 9.0 | 8.2 | 8.9 | 9.8 |
|  |  |  |  |  |  |  |  |  |
| 5.1 | 4.9 | 4.8 | 10.7 | 10.0 | 9.7 | 12.0 | 11.4 | 11.0 |
| 6.8 | 7.0 | 7.0 | 8.6 | 9.1 | 9.1 | 9.4 | 9.8 | 10.0 |
| 6.0 | 6.0 | 6.0 | 9.8 | 9.8 | 9.6 | 11.0 | 10.9 | 10.8 |

$$
11,0
$$

9.6

11,0
10.9
10.8

| 2.9 | 2.9 | 2.9 | 9.5 | 9.5 | 9.5 | 11.0 | 11.0 | 11.0 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 7.3 | 6.9 | 6.7 | 11.5 | 10.3 | 9.6 | 12.7 | 11.5 | 10.7 |
| 7.4 | 7.3 | 7.0 | 9.5 | 9.7 | 9.1 | 10.4 | 10.5 | 9.9 |
| 6.0 | 6.5 | 6.9 | 7.4 | 8.2 | 9.0 | 8.2 | 8.9 | 9.8 |
|  |  |  |  |  |  |  |  |  |
| 5.1 | 4.9 | 4.8 | 10.7 | 10.0 | 9.7 | 12.0 | 11.4 | 11.0 |
| 6.8 | 7.0 | 7.0 | 8.6 | 9.1 | 9.1 | 9.4 | 9.8 | 10.0 |
| 6.0 | 6.0 | 6.0 | 9.8 | 9.8 | 9.6 | 11.0 | 10.9 | 10.8 |

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

|  |  | $\mathrm{M}_{4}$ |  |  | $\mathrm{M}_{5}$ |  |  | Credit Proxy |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt, B | Alt. C |
| 1976 | February | 752.4 | 752.4 | 752.4 | 1191.0 | 1191.0 | 1191.0 | 516.2 | 516.2 | 516.2 |
|  | March | 753.9 | 753.8 | 753.8 | 1197.4 | 1197.4 | 1197.4 | 515.0 | 515.0 | 515.0 |
|  | April | 759.1 | 758.6 | 758.3 | 1207.9 | 1207.1 | 1206.3 | 517.8 | 517.7 | 517.6 |
| 1975 | QIV | 742.1 | 742.1 | 742.1 | 1166.3 | 1166.3 | 1166.3 | 512.2 | 512.2 | 512.2 |
| 1976 | QI | 751.5 | 751.5 | 751.5 | 1190.0 | 1190.0 | 1190.0 | 515.1 | 515.1 | 515.1 |
|  | QII | 765.9 | 764.7 | 764.2 | 1220.2 | 1217.9 | 1216.3 | 522.0 | 521.5 | 521.3 |
|  | QIII | 783.7 | 782.7 | 781.3 | 1251.5 | 1249.2 | 1246.0 | 534.3 | 533.8 | 533.1 |
|  | QIV | 799.1 | 798.8 | 798.1 | 1277.8 | 1276.9 | 1275.5 | 543.9 | 543.7 | 543.2 |

Growth Rates
Monthly:
1976 March April

Quarterly Averages:

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


| 5.1 | 5.1 | 5.1 | 8.1 | 8.1 | 8.1 | 2.3 | 2.3 | 2.3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 7.7 | 7.0 | 6.8 | 10.2 | 9.4 | 8.8 | 5.4 | 5.0 | 4.8 |
| 9.3 | 9.4 | 9.0 | 10.3 | 10.3 | 9.8 | 9.4 | 9.4 | 9.1 |
| 7.9 | 8.2 | 8.6 | 8.4 | 8.9 | 9.5 | 7.2 | 7.4 | 7.6 |
|  |  |  |  |  |  |  |  |  |
| 6.4 | 6.1 | 6.0 | 9.2 | 8.8 | 8.6 | 3.8 | 3.6 | 3.6 |
| 8.7 | 8.9 | 8.9 | 9.4 | 9.7 | 9.7 | 8.4 | 8.5 | 8.4 |
| 7.7 | 7.6 | 7.5 | 9.6 | 9.5 | 9.4 | 6.2 | 6.1 | 6.1 |

(8) $M_{2}$ under alternative $B$ is projected to rise in a $6 \frac{1}{4}-10 \frac{3}{4}$ per cent annual rate range in the March-April period. Growth in time deposits other than money market CD's is expected to slow from its exceptional January-February pace, when inflows were being influenced by the initial shift of funds in response to the decline in short-term market rates to levels near or below 5 per cent. Nevertheless, such deposits will probably grow at a still fairly substantial $11 \frac{1}{2}$ per cent annual rate over the March-April period. Short-term rates under alternative $B$ would be expected to change little between now and the next Comittee meeting, although they could rise a bit toward the end of the period, reflecting mid-April tax date pressures.
(9) The staff continues to believe that interest rates will have to rise later in the year--perhaps beginning in late spring-if a 6 per cent rate of growth in $M_{1}$ from QIV ' 75 to QIV ' 76 is to be achieved. Under alternative $B$, we have assumed that the Federal funds rate will average about $6 \frac{1}{2}$ per cent in the fourth quarter of $1976 . \underline{Y}$ This represents somewhat less upward rate pressure than assumed in the previous blue book, and reflects the need for a little more expansion in $M_{1}$ over the last three quarters of the year to make up for the fact that growth in the first quarter of 1976 is now expected to be somewhat slower than anticipated a month ago. Under these assumptions, $M_{2}$ growth over the period from QIV ' 75 to QIV ' 76 would be about $9 \frac{3}{4}$ per cent--somewhat above the mid-point of the Committee's one-year range.
(10) Alternatives $A$ and $C$ call for an easing and tightening of the money market, respectively, in the period before the next

[^1]Committee meeting. Through the summer months, alternative $A$ would encourage somewhat more growth in $M_{1}$ and $M_{2}$, and alternative C less.than would alternative B. But if $M_{1}$ and $M_{2}$ are to grow over the year. from QIV ' 75 to QIV ' 76 at rates near the mid-points of their respective oneyear ranges, the near-term declines in interest rates anticipated under alternative $A$ would be short-lived, and rates would begin rising, perhaps by late spring. We have assumed that under alternative $A$ the funds rate would average about $6 \frac{3}{4}$ per cent in the fourth quarter of 1976 . On the other hand, the greater near-term restraint of alternative $C$ would mean that more monetary expansion would be required later in 1976 to achieve the Committee's longer-run targets. Under this alternative, interest rates would be likely to cease rising in late sumer, with the funds rate leveling out at around 6 per cent.
(11) The staff expects that under all three alternatives business credit demands at banks would remain weak over the next month or two and that the bank credit proxy will show relatively little growth. Later in the year, as business working capital needs expand, business loan demand on banks will probably pick up. In response, banks may begin to raise funds in the $C D$ market. However, the need to do so may be small since we expect that flows into other deposits--though slowing somewhat as the year progresses in reflection of rising market interest rates--will be generally sufficient to finance demands on banks,
(12) The forward calendar for corporate and municipal bonds appears to be relatively substantial over the next few weeks. In addition,
the Treasury may raise some cash through an offering of intermediateor longer-term coupon issues. Nevertheless, if the money market remains stable--as is assumed under alternative B--long-term interest rates are likely to remain around current levels in view of the strong institutional investor interest in bonds that has developed since the beginning of the year. A tightening of the money market, as contemplated under alternative C, would probably cause some upward adjustment in long rates. Such a nearterm adjustment may be limited, however, if borrowers postpone scheduled issues-as they may, since many of the issues now on the calendar had been accelerated to take advantage of propitious market circumstances.

## Proposed directive

(13) Given below is a proposed operational paragraph if the Committee wishes to formulate its instructions in terms of desired growth in monetary aggregates over the months anead. 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 Comittee will not reconsider those targets. "Monetary aggregatesi' proposal

To implement this policy, while taking account of developments in domestic and international financial markets, the Comittee seeks to maintain-pyevaiking ACHIEVE bank reserve and money market conditions CONSISTENT WITH MODERATE GRONTH IN IMONETARY AGGREGATES over the period immediateky aheady-provided-that-menetary-aggregates appeaz-te-be-gyewing-at-about-the-qates-euyrentiy-expeeted.
(14) Should the Committee desire to continue placing 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 maineain-pyevaiting ACHIEVE SOMEWHAT EASIER 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.

## Alternative B

To implement this policy, while taking account of developments in domestic and international financial markets, the Committee seeks to 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. Alternative C

To implement this policy, while taking account of developments in domestic and international financial markets, the Comittee seeks to maintain-prevaitiag ACHIEVE SOREWHAT FIRMER bank reserve and money market conditions over the period imediately ahead, provided that monetary aggregates appear to be growing at about the rates currently expected.

## RESERVES AVAILABLE TO SUPPORT PRIVATE NONBANK DEPOSITS



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

## MONETARY AGGREGATES

NARROW MONEY SUPPLY M1


BROADER MONEY SUPPLY M2


## MONETARY AGGREGATES



## MONEY MARKET CONDITIONS AND INTEREST RATES



BANK RESERVES
(Actual and current projections)


MOTE: RESERVE SERIES HAVE BEEN ADJUSTED TO REMOVE DISCONTINUITIES ASSOCIATED WITH CHANGES IN RESERVE REQUIREMENT RATIO.
OATA SHOWN IN PARENTMESES ARE CURRENT PROJECTIONS. AT THE FOHC MEETING OF FEB. 18, 1976 THE COMMITTEE AGREED ON ARPD
RANGE OF -4.5 TO - 0.5 PERCENT FOR TME FEB. MAR. PERIDD.

MONETARY AGGREGATES
actual and current projections, seasomally adjusted


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

| Feriod | Open Market Operations 1/ |  |  |  |  | Daily Average Reserve Effects $2 /$ |  |  | $\Delta$ In Reserve Categories |  | $\triangle$ Target |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Bills } \\ & \text { Accept. } \end{aligned}$ | Coupon Issues | Agency Issues | $\begin{aligned} & \mathrm{RP}^{\prime} \mathrm{s} \\ & \mathrm{Net} 3 / \end{aligned}$ | Total | Open Market Operations | $\Delta$ Member Bank Borrowing | Other $\qquad$ <br> Factors | Req. res. against U.S.G. and interb. | Available res. 5 $(6)+(7)+(8)-(9)$ | Available reserves 5 |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| 1975--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 | -205 | -1,150 | 15 | -94 | 265 |
| Nov. | -608 | 709 | -1 | -2,637 | -2,537 | 521 | -130 | -387 | 1 | 3 | 280 |
| Dec. | 1,799 | 297 | -- | 1,219 | 3,315 | 1,165 | 66 | -813 | 79 | 339 | 355 |
| 1976--Jan. | -1,590 | 321 | 240 | 3,597 | 2,567 | 942 | -48p | -295p | 137 | 463p | 960 |
| Feb. Mar. | 1,205 | 528 | 295 | -3,129 | -1,101 | 1,631 | -3p | -3,224p | -173p | -1,423p | $-1,110$ -90 |
| Apr . |  |  |  |  |  |  |  |  |  |  |  |
| 1976--Jan. 7 | -404 | -- | - | -2,022 | -2,426 | -257 | -186 | 503 | -18 | 78 |  |
| 14 | -1,386 | -- | - | 803 | -583 | -3,515 | -22 | 3,788 | -13 | 264 |  |
| 21 | 1 | 321 | 240 | -- | 561 | 773 | 108 | -490 | 180 | 211 |  |
| 28 | 192 | -- | -- | 6,504 | 6,696 | 2,551 | -94 | -3,578p | -371 | -750 |  |
| Feb. 4 | -190 | 189 | -- | -3,534 | -3,536 | 1,605 | -1 | -1,607 | 246 | -249 |  |
| 11. | 336 | -- | -- | -2,969 | -2,633 | -4,051 | -6 | 2,767 | -382 | -908p |  |
| 18 | 820 | -- | -- | 2,210 | 3,031 | 2,656 | 5 | -1,889p | 213p | 559p |  |
| 25 | 37 | 339 | -1 | 4,014 | 4,389 | 2,428 | 92 | -3,460p | -100p | -840p |  |
| Mar. 3 | 110 | 7 | 297 | -3,314 | -2,907 | -93 | -64 | 587p | 92p | 338p |  |
| 10 | -711 | $-107$ | -- | -8,835 | -9,653 | -4,051 | -37 | 3,366p | 11p | -733p |  |
| $\begin{aligned} & 17 \\ & 24 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |
| 31 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

1/ Represents change in System's portfollo from end-of-period to end-of-period; includes redemptions in regular bill auctions.
$\frac{2}{2} /$ 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 foreign accounts, and other F.R. accounts.
5/ Reserves to support private nonbank deposits. Target change for February and March reflects the target adopted at the February 18 , 1976 FOMC meeting. Target change for previous months reflects the bluebook patterns that are consistent with target ranges that were adopted during the meeting
month.
P-Preliminary.
net changes in system holdings of securities 1 /
(\$ millions, not seasonally adjusted)


1) Change from end-of-period to end-of-period
( 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 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 shifte
5/ In addition to net purchases of securities, also reflects changes in Syetem holdinge of bankers' acceptances, direct Treasury borrowings from the System, and redemptions ( - ) of Agency and Treasury coupon issues.
6/ Includes changea in both RP's $(t)$ and matched sale-purchase transactions ( - ).

SECURITY DEALER POSITIONS AND BANK POSITIONS
(millions of dollars)

| Period | U.S. Govt. Security Dealer Positions |  | Dealer Positions |  | Member Bank Reserve Positions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Borrowing at FRB** | Basic Reserve Deficit |  |
|  | Bills | Coupon Issues |  |  | Bonds | Bonds | Reserves | Total | Seasonal | 8 New York | 38 Others |
| Persod | (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 | -11,632 |
| Low | 1,586 | 253 | 0 | 48 | -50 | 18 | 5 | -1,757 | - 7,207 |
| 1975--Feb. | 3,329 | 2,121 | 144 | 166 | 198 | 147 | 11 | -6,318 | -9,533 |
| Mar. | 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 | 1.61 | 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 | 289p | 131p | 14P | -2,811 | -10,418 |
| 1976--Jan. Feb. | 4,959 $\times 5,214$ | 1,220 $* 1,051$ | 34 66 | 97 181 | ${ }_{241 p}^{232}$ | 79 $81 p$ | 9 10 p | $-3,581$ $-4,296 p$ | $\begin{aligned} & -9,746 \\ & -10,108_{p} \end{aligned}$ |
| Feb. <br> Mar. | *5,214 | *1,051 |  |  |  |  |  |  |  |
| 1976--Jan. 7 | 4,607 | 1,144 | 0 | 34 | 324 | 67 | 10 | -3,106 | - 8,478 |
| 14 | 6,173 | 1,208 | 38 | 132 | 163 | 45 | 9 | -5,523 | -10,607 |
| 21. | 4,891 | 1,637 | 34 | 57 | 197 | 153 | 9 | -3,433 | -10,712 |
| 28 | 4,294 | 1,005 | 30 | 164 | 165 | 58 | 8 | -2,625 | - 9,413 |
| Feb. 4 | 5,020 | 828 | 5 | 159 | 417 | 57 | 11 | -2,367 | - 9,018 |
| 11 | 5,183 | 1,684 | 0 | 170 | 123 | 51 | 11 | -5,662 | -10,889 |
| 18 | *5,961 | * 903 | 27 | 239 | 570p | 56p | 10p | -3,673 | -10,642 |
| 25 | * 4,789 | * 833 | 167 | 154 | -106p | 148p | 10p | -3,720 | - 9,550 |
| Mar . 3 | *4,703 | * 581 | 165 |  |  | 84p |  | -4,362p | -9,343p |
| 10 | *5,984 | * 911 | 80p | 160p | $91 p$ | 47p | 8 p | -6,568p | $-10,464 \mathrm{p}$ |
| 17 |  |  |  |  |  |  |  |  |  |
| 31 |  |  |  |  |  |  |  |  |  |

NOTE: Government security dealer trading positions are on a comitment basis. Trading positions, which exclude Treasury bilis financed by repurchase atill 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.


NOTE: Weekiy data for column 1 to 4 are statement week averages of dafly data. Colums 5 and 6 are one-day Wednesday quotes. For columns 7 and 10, the weekly date ts the mid-point of the calendar week over which data are averaged. Column 8 and 9 are one-day quotes for Friday and Thursday, respectively,
Eollowing the end of the statement week. Colum 11 gives FNMA auction data for the Monday preceding the end of the statement week. Columin in is a onenday Eollowing the end of the statement week. Columi 11 gives FNMA auction data for the Monday preceding the end of the statement week. Columi 12 is a one
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 comitments for Government underwritten mortgages. GNMA yields are average net yields to investors on mortgage-backed securities for immediate delivery, assuming prepayment in 12 years on pools of 30 -year FHA/VA morigages carrying the prevailing ceiling rate.

MONEY AND CREDIT AGGREGATE MEASURES

| Period | RESERVES ${ }^{1 /}$ |  |  | $\begin{aligned} & \text { BANK CREDIT } \\ & \text { MEASURES } \end{aligned}$ |  | MONEY STOCK MEASURES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Non borrowed | Available to Support Put Deposits | Ad] Credit proxy | Total <br> Loans and Invest ments | $\mathrm{M}_{1}$ | $M_{2}$ | $M_{3}$ | M 4 | M5 | $M_{6}$ | M 7 |
| ANNUALLY: | (Percent annual rates of growth) |  |  |  |  |  |  |  |  |  |  |  |
| 1973 | 6.7 | 6.0 | 8.4 | 10.5 | 13.5 | 6.0 | 8.8 | 8.8 | 11.6 | 10.6 | 11.1 | 11.9 |
| 1974 | 7.1 | 9.2 | 7.4 | 10.2 | 9.2 | 4.7 | 7.2 | 6.8 | 10.6 | 9.0 | 8.9 | 8.9 |
| 1975 | -0.4 | 1.3 | -1.1 | 3.9 | 4.3 | 4.2 | 8.3 | 11.2 | 6.3 | 9.6 | 10.0 | 9.6 |
| SEMI-ANNUALLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 2NO HALF 1974 | 4.2 | 19.3 | 5.7 | 6.1 | 3.1 | 3.9 | 6.1 | 6.2 | 7.8 | 7.4 | 7.1 | 7.0 |
| 15 T HALF 1975 | -1.2 | 1.7 | -2.7 | 4.5 | 5.1 | 5.6 | 9.8 | 11.9 | 6.9 | 9.9 | 9.5 | 9.4 |
| 2ND HALF 1975 | 0.3 | 0.9 | -0.6 | 3.1 | 3.4 | 2.7 | 6.5 | 9.9 | 5.4 | 9.0 | 10.0 | 9.3 |
| QUARTERLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| IST OTR. 1975 | -3.0 | 3.6 | -3.1 | 3.7 | 5.7 | 1.4 | 6.9 | 9.0 | 6.0 | 8.3 | 8.2 | 8.7 |
| 2ND QTR. 1975 | 1.3 | -0.1 | -0.2 | 5.3 | 4.6 | 9.7 | 12.5 | 14.5 | 7.7 | 11.3 | 10.6 | 9.9 |
| 3RD QTR. 1975 | -0.8 | -2.8 | -1.5 | -0.8 | 3.6 | 3.6 | 6.5 | 10.7 | 3.0 | 8.1 | 8.6 | 7.5 |
| 4TH QTR. 1975 | 1.4 | 4.5 | 0.4 | 7.0 | 3.1 | 1.9 | 6.4 | 8.9 | 7.8 | 9.6 | 12.3 | 11.0 |
| QUARTERLY-AV: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 ST QTR. 1975 | -0.1 | 12.5 | 0.4 | 5.5 | 1.0 |  | 5.6 | 7.5 | 7.4 | 8.5 | 8.8 | 8.5 |
| 2ND OTR. 1975 | -1.4 | -0.4 | -2.2 | 3.6 | 5.1 | 7.4 | 10.2 | 12.6 | 5.6 | 9.4 | 8.5 | 8.5 |
| 3RD QTR - 1975 | 0.1 | -1.9 | -0.8 | 1.4 | 4.1 |  | 10.1 | 13.3 | 5.7 | 10.1 | 10.7 |  |
| 4TH QTR. 1975 | 0.6 | 2.7 | -0. 8 | 6.0 | 4.7 | 2.5 | 6.1 | 9.2 | 6.5 | 9.2 | 10.1 | 9.5 |
| MONTHLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975--JAN. | -0.5 | 11.1 | 1.6 | 5.8 | 4.7 | -5.1 | 4.1 | 6.2 | 8.7 | 9.1 | 10.9 | 10.5 |
| FEB. | -9.0 | -0.4 | -6. 2 | -0.7 | 4.3 | 0.0 | 7.2 | 8.9 | 4.9 | 7.3 | 6.7 | 7.5 |
| MAR. | -1.4 | 0.0 | -4.8 | 6.0 | 7.9 | 9.4 | 9.3 | 11.7 | 4.4 | 8.2 | 7.0 | 8.0 |
| APR. | 3.5 | 3.4 | 2.2 | 2.2 | 3.4 | 3.4 | 7.1 | 10.8 | 3.9 | 8.3 | 7.2 | 7.2 |
| MAY | -11.6 | -10.1 | -8.1 | 1.0 | 5.1 | 11.4 | 13.4 | 14.9 | 6.2 | 10.1 | 9.4 | 8.6 |
| JUNE | 12.2 | 6.5 | 5.4 | 12.7 | 5.1 | 14.2 | 16.5 | 17.4 | 12.9 | 15.0 | 14.9 | 13.5 |
| July | -3.2 | -5.8 | -0.3 | $-3.3$ | 2.0 | 3.7 | 9.5 | 13.2 | 5.1 | 10.0 | 11.9 | 10.6 |
| AUG. | -3.1 3.9 | 0.0 -2.6 | -4.3 | -4.3 5.2 | 6.8 2.0 | 5.3 | 5.7 4.2 | 10.3 8.5 | -0.5 | 5.9 8.3 | 7.0 | 6.0 5.7 |
| SEPT. | 3.9 | -2.6 | 0.3 | 5.2 | 2.0 | 1.0 | 4.2 | 8.5 | 4.3 | 8.3 | 6.5 | 5.7 |
| OCT. | -6.3 | 0.8 | -5.1 | 5.9 | 6.0 | $-0.8$ | 5.1 | 8.4 | 7.7 | 9.7 | 11.0 | 10.4 |
| NOV. | 9.7 | 14.3 | 6.0 0.3 | 14.4 0.7 | 10.5 -7.3 | 9.4 -2.8 | 10.8 | 11.6 | 11.1 4.5 | 11.6 7.2 | 14.6 7.9 | 14.3 7.9 |
| OEC. | 0.8 | -1.6 | 0.3 | 0.7 | -7.3 | -2.8 | 3.1 | 6.4 | 4.5 | 7.2 | 7.9 | 7.9 |
| 1976--JAN. ${ }^{\text {F }}$ | -10.2 -6.1 | -8.4 -6.3 | -4.9 -5.0 | -0.7 4.9 | 5.3 8.1 | 1.2 6.5 | $\begin{aligned} & 10.3 \\ & 14.3 \end{aligned}$ | $\begin{aligned} & 11.5 \\ & 14.5 \end{aligned}$ | 3.2 6.7 | 6.9 9.6 | 7.0 9.3 | 6.7 9.0 |

NOTES: ADJUSTED CREDIT PROXY INCLUDES MAINLY TOTAL MEMBER BANK DEPOSITS SUBJECT TO RESERVE REQUIREMENTS, LOANS SOLD TO BANK-
RELATED INSTITUTIONS, AND EURDDDLLAR BORROWINGS OF U.S. BANKS. WEEKLY DATA ARE DAILY AVERAGES FOR STATEMENT WEEKS. MONTHLY DATA ARE DAILY AVERAGES. WEEKLY DATA ARE NOT AVAILABLE FOR M3, M5, MG, M7, TOTAL LOANS ANO INVESTMENTS AND THRIFT INSTITU, M7, TDTAL LOANS AND INVESTMENTS AND THRIFT INSTITUTION DEPOSITS.
1/ BASED ON DATA ADJUSTED FOR CHANGES IN RESERVE REQUIREMENTS.
P - PRELIMINARY

SEASONALLY ADJUSTED, BILLIONS OF DOLLARS

notes: adjusted credit proxy includes mainly total member bank deposits subject to reserve requirements, loans sold to bankRELATED INSTITUTIONS, AND EURODOLLAR BORROWINGS OF U.S.BANKS. WEEKLY DATA ARE DAILY AVERAGES FOR STATEMENT WEEKS. MONTHLY RELATED INSTITUTIONS, AND EURODOLLAR BORROWINGS OF U.S.BANKS. WEEKLY DATA ARE DAILY AVERAGES FOR STATEMENT WEEKS. MONTHLY
DATA ARE DAILY AVERAGES. WEEKLY DATA ARE NOT AVAILABLE FOR M3, M5, MG, MT, TOTAL LOANS AND INVESTMENTS AND THRIFT INSTITUTION DEPDSITS.
P/ ESTIMATED MONTHLY AVERAGE LEVELS DERIVED BY AVERAGING END OF CURRENT MONTH AND END OF PREVIDUS MONTH REPORTED DATA.

| Period | Currency | Demand Deposits | Total Time Deposits | Time Other Than CD's | Mutual <br> Savings <br> Bank <br> and $S \&$ <br> Shares <br> y | Credit Union Shares $_{15}$ | CD's | Savings Bonds $y$ | Short Term U.S. Gov't Securities, | $\left\|\begin{array}{c} \text { Commercial } \\ \text { Paper } y \end{array}\right\|$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| ANNUALLY: |  |  |  |  | nt annual r | es of sro |  |  |  | - |
| 1973 | 8.1 | 5.3 | 16.2 | 11.4 | 8.5 | 13.8 | 45.6 | 4.9 | 31.3 | 39.3 |
| 1974 | 10.2 | 3.0 | 15.0 | 9.4 | 5.6 | 12.1 | 41.4 | 4.8 | 11.9 | 9.1 |
| 1975 | 8.7 | 2.8 | 7.7 | 11.8 | 15.7 | 20.2 | -7.7 | 6.3 | 21.3 | -3.1 |
| SEMI-ANNUALIT: |  |  |  |  |  |  |  |  |  |  |
| 2ND HALF 1974 | 9.9 | 2.1 | 10.6 | 8.0 | 6.1 | 11.5 | 20.9 | 5.2 | 4.4 | 4.4 |
| $15 T$ 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 | 1.2 | 7.2 | 9.6 | 15.2 | 17.6 | -2.9 | 6.8 | 34.7 | -11.6 |
| QUARTERLY: |  |  |  |  |  |  |  |  |  |  |
| 1ST OTR. 1975 | 9.4 | -1.1 | 9.2 | 11.8 | 12.1 | 20.2 | 0.0 | 5.7 | 10.7 | 21.1 |
| 2ND QTR. 1975 | 9.2 | 9.9 | 6.3 | 14.6 | 17.7 | 20.6 | -25.4 | 5.6 | 2.8 | -9.1 |
|  | 5.6 9.4 | 2.9 -0.5 | 2.6 11.8 | 8.9 10.1 | 17.4 | 17.0 17.6 | -23.8 19.2 | 6.8 6.6 | 19.2 47.9 | -24.2 1.0 |
| 4TH OTR. 1975 | 9.4 | -0.5 | 11.8 | 10.1 | 12.4 | 17.6 | 19.2 | 6.6 | 47.9 | 1.0 |
| QUARTERLY-AV: |  |  |  |  |  |  |  |  |  |  |
| IST QTR. 1975 | 8.9 | -2.0 | 12.0 | 9.9 | 10.1 | 17.5 | 19.7 | 5.7 | 17.9 | -0.9 |
| 2ND QTR. 1975 | 8.1 | 6.9 | 4.5 | 12.5 | 16.2 | 21.0 | -24.5 | 5.6 | -5.5 | 9.3 |
| 3RD OTR - 1975 | 8.5 | 6.6 | 4.7 | 12.7 | 18.2 | 18.6 | -27.5 | 6.8 | 26.4 | -23.7 |
| 4TH OTR. 1975 | 8.4 | 0.5 | 9.1 | 9.1 | 14.0 | 16.5 | 9.5 | 6.7 | 31.3 | -7.8 |
| MONTHLY: |  |  |  |  |  |  |  |  |  |  |
| 1975--FEB. | 8.8 | -2.8 | 8.2 | 13.0 | 11-2 | 21.4 | -7.8 | 5.7 | -4.1 | 31.7 |
| MAR. | 22.2 | 8.4 | 1.1 | 10.0 | 15.2 | 21.0 | -30.0 | 5.6 | -14.4 | 33.6 |
| APR. | 1.7 | 3.9 | 3.9 | 9.9 | 16.4 | 20.6 | $-18.7$ | 5.6 | -12.5 | 10.9 |
| Mar | 12.1 | 11.1 | 3.1 | 15.1 | 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 3.8 | 5.8 -3.8 | 14.0 | 18.9 | 15.7 | -28.5 | 9.2 | 53.6 | -25.1 |
| AUGP. | 10.1 1.7 | 3.8 1.6 | -3.8 5.8 | 6.4 6.0 | 17.7 14.9 | 19.4 15.2 | -48.2 4.6 | 5.5 5.5 | 27.6 -23.2 | -28.5 |
| OCT. | 10.0 | -4.3 | 13.4 | 10.4 | 13.5 | 18.8 | 27.3 | 7.3 | 37.4 | -5.9 |
| NOV. | 13.2 | 8.2 | 11.9 | 11.9 | 12.4 | 14.8 | 13.4 | 7.2 | 78.2 | 6.0 |
| DEC. | 4.9 | -5.4 | 9.7 | 7.9 | 11.0 | 18.3 | 16.1 | 5.4 | 23.3 | 3.0 |
| $\begin{aligned} & \text { 1976--JAN. } \\ & \text { FEB. P } \end{aligned}$ | 8.1 12.9 | -0.5 4.3 | 4.5 6.9 | 17.6 20.6 | 13.4 14.1 | 18.0 21.3 | -53.6 -57.6 | 5.3 7.1 | 7.0 | 0.0 -3.0 |

NOTES: RESERVE REOUIREMENTS ON EURODOLLAR BORROWINGS ARE INCLUDED BEGINNING OCTOBER 16. 1969, AND REOUIREMENTS ON BANK-RELATED
1/ GOMMERCIAL PAPER ARE INCLUDED BEGINNING OCTOBER 1 , 1970 .
PREVIOUS MONTH REPORTED DATA.
P - PRELIMIMARY.

COMPONENTS OF MONEY STOCK AND RELATED MEASURES

| Period | Currency | Demand Deposits | $\begin{aligned} & \text { Total } \\ & \text { Time } \\ & \text { Deposits } \end{aligned}$ | Time Other Than CD's | Mutual Savings Bank and S \& L Shares 1 | Credit Union Shares $_{1}$ | CD's | Savings Bonds $y$ | Short Term U.S. Gov't Securities | Commercial Paper | Nondeposit Funds | U.S. <br> Gov't <br> Demand |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| annually: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1973 | 61.5 | 209.0 | 364.4 | 300.9 | 323.5 | 24.7 | 63.5 | 60.4 | 50.3 | 38.3 | 6.6 | 5.0 |
| 1974 | 67.8 | 215.3 | 419.1 | 329.3 | 341.6 | 27.7 | 89.8 | 63.3 | 56.3 | 41.8 | 8.4 | 3.4 |
| . 1975 | 73.7 | 221.3 | 451.2 | 368.3 | 395.4 | 33.3 | 82.9 | 67.3 | 68.3 | 40.5 | 8.4 | 3.0 |
| MONTMLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975--FEB. | 68.7 | 213.2 | 428.3 | 336.2 | 347.5 | 28.6 | 92.1 | 63.9 | 58.5 | 42.8 | 6.5 | 1.9 |
| MAR. | 69.4 | 214.7 | 428.7 | 339.0 | 351.9 | 29.1 | 89.8 | 64.2 | 57.8 | 44.0 | 6.5 | 2.5 |
| $\triangle P R$. | 69.5 | 215.4 | 430.1 | 341.8 | 356.7 | 29.6 | 88.4 | 64.5 | 57.2 | 44.4 | 6.7. | 2.7 |
| MAY | 70.2 | 217.4 | 431.2 | 346.1 | 361.8 | 30.1 | 85.1 | 64.8 | 57.1 | 43.9 | 7.4 | 2.5 |
| JUNE | 71.0 | 220.0 | 435.5 | 351.4 | 367.5 | 30.6 | 84.1 | 65.1 | 58.2 | 43.0 | 7.0 | 3.2 |
| JuLY | 71.3 | 220.6 | 437.6 | 355.5 | 373.3 | 31.0 | 82.1 | 65.6 | . 60.8 | 42.1 | 6.8 | 2.6 |
| AUG. | 71.9 | 221.3 | 436.2 | 357.4 | 378.8 | 31.5 | 78.8 | 45.9 | . 62.2 | 41.1 | 7.0 | 2.8 |
| SEPT. | 72.0 | 221.6 | 438.3 | 359.2 | 383.5 | 31.9 | 79.1 | 66.2 | 61.0 | 40.4 | 7.0 | 3.0 |
| OCT. | 72.6 | 220.8 | 443.2 | 362.3 | 387.8 | 32.4 | 80.9 | 66.6 | 62.9 | 40.2 | 7.9 | 3.0 |
| NOV. | 73.4 | 222.3 | 447.6 | 365.9 | 391.8 | 32.8 | 81.8 | 67.0 | 67.0 | 40.4 | 8.2 | 3.9 |
| DEC. | 73.7 | 221.3 | 451.2 | 368.3 | 395.4 | 33.3 | 82.9 | 67.3 | 68.3 | 40.5 | 8.4 | 3.0 |
| 1976--JAN. | 74.2 | 221.2 | 452.9 | 373.7 |  |  |  |  |  |  |  | 2.6 |
| FEB. P | 75.0 | 222.0 | 455.5 | 380.1 | 404.5 | 34.4 | 75.4 | 68.0 | 69.1 | 40.4 | 8.3 | 2.6 |
| WEEKLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1976-JAN. 14 | 74.1 | 221.0 | 452.8 | 372.9 |  |  | 79.9 |  |  |  | 7.6 | 3.4 |
| 21 | 74.2 | 221.1 | 452.6 | 374.0 |  |  | 78.6 |  |  |  | 8.0 | 3.3 |
| 28 | 74.5 | 220.1 | 453.6 | 376.2 |  |  | 77.4 |  |  |  | 7.7 | 2.2 |
|  | 74.6 | 221.8 | 454.6 |  |  |  |  |  |  |  | 7.7 | 2.2 |
| 11 | 74.9 | 222.4 | 455.2 | 379.4 |  |  | 75.8 |  |  |  | 8.1 | 2.5 |
| $18 \mathrm{P}$ | 75.0 | 222.8 | 455.8 | 380.4 |  |  | 75.4 |  |  |  | 8.1 | 2.8 |
| 25p | 75.1 | 220.8 | 455.8 | 381.0 |  |  | 74.8 |  |  |  | 8.0 | 3.1 |
| MAR. 3P | 75.1 | 221.6 | 455.3 | 381.3 |  |  | 74.0 |  |  |  | 7.8 | 2.2 |

[^2]Growth Rate in Money Supply (Per cent change in an annual rate)

|  |  | $\mathrm{M}^{\mathrm{M}_{1}}{ }_{0}$ |  | $M_{2}$ |  | $\mathrm{M}_{3}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | M | Q | M | Q |
| 1973 | I |  |  | 3.6 | 7.4 | 7.3 | 9.2 | 8.4 | 10.3 |
|  | II | 10.1 | 6.4 | 9.9 | 8.2 | 9.8 | 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 | 8.4 | 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 | 1.9 | 2.5 | 6.4 | 6.1 | 8.9 | 9.2 |
| QIV | '74-QIV '75 | 4.2 | 4.4 | 8.3 | 8.2 | 11.2 | 11.1 |

[^3]$Q=$ Annual rate calculated from average levels in all three months of the quarters.

Appendix Table IV

Projected Federal Funds Rates

|  | Alt. A | Alt. B | Alt. C |
| ---: | :--- | :---: | :---: | :---: |
| QI | Alt. | 4.8 | 4.9 |
| QII | $4 \frac{3}{2}$ | 5 | $5 \frac{1}{2}$ |
| QIII | 6 | $5 \frac{3}{4}$ | $5-7 / 8$ |
| QIV | $6 \frac{3}{4}$ | $6 \frac{1}{2}$ | 6 |


[^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]:    I/ See appendix table IV for long-run projections of the Federal funds rate.

[^2]:    NOTES: RESERVE REQUIREMENTS ON EUR ODOLLAR BORROWINGS ARE INCLUDED EEGINNING OCTOBER 16. 1969, AND REQUIREMENTS ON BANK-RELATED COMMERCIAL PAPER ARE INCLUDED BEGGINNING OCTOBER 1 , 1970.
    I/ ESTIMATED MONTHLY-AVERAGE LEVELS DERIVED BY AVERAGING END OF CURRENT MONTH AND ENO OF PREVIOUS MONTH REPDRTED DATA.
    p - preliminarr

[^3]:    $M=$ Annual rates of growth calculated from average levels in the final months of the quarters.

