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# MONETARY AGGREGATES AND MONEY MARKET CONDITIONS 

MONETARY AGGREGATES AND
MONEY MARKET CONDITIONS

## Recent developments

(1) $M_{1}$ in the August-September period appears to be increasing at a rate slightly below the mid-point of the Committee's $4-8$ per cent operating range. However, expansion at banks of time and savings deposits other than money market $C D^{1}$ s has been considerably stronger than anticipated, and growth in $M_{2}$ appears to be running above the mid-point of its two-month range. Deposit inflows at nonbank thrift institutions also picked up in August, and this higher rate of growth appears to have continued in early September.

Growth in Monetary Aggregates over August-September Period (SAAR in per cent)

|  | Ranges | Latest Estimates |
| :---: | :---: | :---: |
| $M_{1}$ | 4 to 8 | 5.7 |
| $M_{2}$ | $7 \frac{1}{2}$ to $11 \frac{1}{2}$ | 10.9 |
| Memo: |  |  |
| Federal funds rate |  | Avg. for statement |
| (per cent per annum) |  | week ending |
|  |  | Aug. 18 |
|  | 25 | 5.29 |
|  |  | 15 |

(2) Nonborrowed reserves appear to have increased at about a 1-1/4 per cent annual rate in the August-September period. $1 /$ A continued decline in outstanding large CD's released reserves to support expansion in other deposits. Moreover, much of the growth in deposits has occurred in categories--such as savings deposits--with relatively low reserve requirements.
(3) Given the behavior of the aggregates, the Desk has continued to aim at a Federal funds rate around $5-1 / 4$ per cent throughout the inter-meeting period. Short-term credit demands have been generally weak since the last meeting of the Committee, as businesses paid down bank debt and the volume of commercial paper and Treasury bill issues remained unchanged. Most short-term rates declined somewhat over the inter-meeting period, but most of the downward adjustment occurred today following publication of the latest weekly $M_{1}$ figure yesterday.
(4) Long-term rates have declined 10 to 20 basis points since the last Committee meeting, in part because many investors seemed to believe that the flow of economic data suggested a further moderation in the prospective pace of economic expansion and inflation. The largest declines were in the corporate sector, where the volume of new bond issues was relatively light. Issues of state and local government securities

[^1]remained relatively large, and the U.S. Treasury raised a substantial additional volume of new money through sales of intermediate-term coupon issues.
(5) The table on the following page shows (in terms of percentage annual rates of change) related monetary and financial flows over various time periods.

|  | Calendar Year | Twelve Months | Past Six Months | Past <br> Three Months | Past Month |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1975 | $\begin{gathered} \text { Aug. }{ }^{176} \\ \text { over } \\ \text { Aug. } 175 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Aug. }{ }^{176} \\ \text { over } \\ \text { Feb. } 176 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Aug. }{ }^{176} \\ \text { over } \\ \text { May } 176 \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Aug. }{ }^{176} \\ & \text { over } \\ & \text { July } 176 \\ & \hline \end{aligned}$ |
| Nonborrowed reserves | 1.3 | 1.1 | 2.9 | 5.1 | 7.2 |
| Total reserves | -. 4 | 0.7 | 3.0 | 5.0 | 6.0 |
| Monetary Base | 5.8 | 6.5 | 7.7 | 6.4 | 6.8 |
| Concepts of Money |  |  |  |  |  |
| $\mathrm{M}_{1}$ (currency plus demand deposits ) 1/ | 4.1 | 4.5 | 6.6 | 4.0 | 5.9 |
| $M_{2}$ (M1 plus time deposits <br> at commercial banks <br> other than large $C D$ 's) | 8.5 | 9.7 | 10.3 | 9.3 | 9.8 |
| $\mathrm{M}_{3}\left(\mathrm{M}_{2}\right.$ plus deposits at thrift | $11.3$ | 11.7 | 12.0 | 11.4 | 12.7 |
| $M_{4}\left(M_{2}\right.$ plus CD's) | 6.4 | 6.6 | 6.3 | 6.4 | 0.8 |
| $M_{5}\left(M_{3}\right.$ plus CD's) | 9.7 | 9.6 | 9.4 | 9.5 | 7.0 |
| Bank Credit |  |  |  |  |  |
| Total member bank deposits (bank credit proxy adj.) | 3.9 | 3.8 | 2.7 | 5.7 | -2.3 |
| Loans and investments of commercial banks 2/ | 4.4 | 5.4 | 5.9 | 5.8 | 8.2 |
| Short-term Market Paper |  |  |  |  |  |
| (Month1y average change in billions) |  |  |  |  |  |
| Large CD's | -. 6 | -1.2 | -1.9 | $-1.3$ | -5.3 |
| Nonbank commercial paper | -. 2 | -- | . 3 | . 3 | . 1 |
| 1/ Other than interbank and U.S. Government. |  |  |  |  |  |
| $\underline{2} /$ 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 short-run specifications for the monetary aggregates and the Federal funds rate are summarized below for Comittee consideration. (More detailed data, as well as longer-run projections, are shown in the tables on pp. 5a and 5b).

Ranges for Sept.-Oct.

| $M_{1}$ | $4 \frac{3}{2}-8 \frac{3}{2}$ | $4-8$ | $3 \frac{1}{2}-7 \frac{1}{2}$ |
| :--- | ---: | :---: | ---: |
| $M_{2}$ | $10-14$ | $9-13$ | $8-12$ |
| funds rate | $4 \frac{3}{4}-5 \frac{3}{4}$ | $4 \frac{3}{4}-5 \frac{3}{4}$ | $5 \frac{1}{4}-6 \frac{1}{4}$ | (inter-meeting period)

(7) With economic activity projected to expand at a moderate rate over the next few months, $M_{1}$ is also expected to continue rising over the September-October period at a rate little different from that of recent months. Under alternative $B$, given prevailing money market conditions-as indexed by a Federal funds rate around $5 \frac{1}{4}$ per cent-$M_{1}$ will probably grow in a $4-8$ per cent annual rate range.
(8) $M_{2}$ may rise in a $9-13$ per cent annual rate range under alternative $B$ over the September-October period. In recent weeks, expansion of time and savings deposits other than large money market $C D$ 's has been substantially more rapid than expected. Although we have assumed that the rate of expansion will slow somewhat over the course of the intermeeting period, we still expect such deposits to rise at about a 15 per cent annual rate on balance from August to October. Much of this reflects our assumption that the rate of increase in savings deposits at banks and--

Alternative Levels and Growth Rates for Key Monetary Aggregates

| 1976 | August <br> September <br> October |
| ---: | :--- |
| 1976 | QII <br> QIII <br> QIV |
|  | QI |
| 1977 | QII |

Growth Rates
Month1y:

```
1 9 7 6
    September
    October
```

Quarterly Average:

| 1976 QIII | 4.8 | 4.8 | 4.8 | 9.9 | 9.9 | 9.9 | 11.9 | 11.9 | 11.9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| QIV | 6.5 | 5.9 | 5.5 | 11.4 | 10.0 | 9.1 | 13.7 | 12.2 | 11.0 |
| 1977 QI | 6.0 | 6.0 | 6.1 | 8.8 | 8.7 | 8.4 | 9.9 | 9.1 | 8.7 |
| QII | 5.2 | 5.8 | 6.2 | 7.5 | 8.0 | 8.5 | 7.8 | 8.1 | 8.7 |
| Semi-annual |  |  |  |  |  |  |  |  |  |
| QII '76-QIV '76 | 5.7 | 5.4 | 5.2 | 10.8 | 10.1 | 9.6 | 13.0 | 12.2 | 11.6 |
| QIV '76-QII '77 | 5.7 | 6.0 | 6.2 | 8.2 | 8.4 | 8.5 | 8.9 | 8.7 | 8.8 |
| Annual |  |  |  |  |  |  |  |  |  |
| QII '76-QII '77 | 5.7 | 5.7 | 5.7 | 9.7 | 9.5 | 9.3 | 11.3 | 10.7 | 10.5 |
| FOMC Longer-run Range |  |  |  |  |  |  |  |  |  |
| QII '76-QII '77 |  | 4 $\frac{1}{2}-7$ |  |  | 712-912 |  |  | 9-11 |  |


| $\mathrm{M}_{1}$ |  |  | $\mathrm{M}_{2}$ |  |  | $M_{3}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C |
| 306.3 | 306.3 | 306.3 | 713.4 | 713.4 | 713.4 | 1184.3 | 1184.3 | 1184.3 |
| 307.7 | 307.7 | 307.7 | 720.4 | 720.4 | 720.4 | 1198.5 | 1198.5 | 1198.5 |
| 309.5 | 309.2 | 309.0 | 727.7 | 726.4 | 725.2 | 1213.0 | 1210.9 | 1208.9 |
| 302.7 | 302.7 | 302.7 | 696.5 | 696.5 | 696.5 | 1150.6 | 1150.6 | 1150.6 |
| 306.3 | 306.3 | 306.3 | 713.8 | 713.8 | 713.8 | 1184.9 | 1184.9 | 1184.9 |
| 311.3 | 310.8 | 310.5 | 734.2 | 731.7 | 730.1 | 1225.5 | 1220.9 | 1217.6 |
| 316.0 | 315.5 | 315.2 | 750.4 | 747.6 | 745.4 | 1255.8 | 1248.6 | 1244.1 |
| 320.1 | 320.1 | 320.1 | 764.4 | 762.5 | 761.2 | 1280.2 | 1273.9 | 1271.3 |


| 5.5 | 5.5 | 5.5 | 11.8 | 11.8 | 11.8 | 14.4 | 14.4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 7.0 | 5.9 | 5.1 | 12.2 | 10.0 | 8.0 | 14.5 | 12.4 |

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 | A1t. B | Alt. C |
| 1976 | August | 777.7 | 777.7 | 777.7 | 1248.7 | 1248.7 | 1248.7 | 522.6 | 522.6 | 522.6 |
|  | September | 782.5 | 782.5 | 782.5 | 1260.5 | 1260.5 | 1260.5 | 522.7 | 522.7 | 522.7 |
|  | October | 789.8 | 788.8 | 788.1 | 1275.1 | 1273.3 | 1271.9 | 527.1 | 526.5 | 526.3 |
| 1976 | QII | 766.6 | 766.6 | 766.6 | 1220.7 | 1220.7 | 1220.7 | 518.3 | 518.3 | 518.3 |
|  | QIII | 779.1 | 779.1 | 779.1 | 1250.2 | 1250.2 | 1250.2 | 523.0 | 523.0 | 523.0 |
|  | QIV | 796.7 | 795.1 | 794.0 | 1288.1 | 1284.3 | 1281.5 | 531.3 | 532.3 | 530.7 |
| 1977 | QI | 815.4 | 814.1 | 812.2 | 1320.8 | 1315.1 | 1310.9 | 541.0 | 540.6 | 539.4 |
|  | QII | 833.4 | 832.5 | 830.8 | 1349.1 | 1343.9 | 1341.0 | 550.4 | 550.2 | 549.0 |
| Growth Rates |  |  |  |  |  |  |  |  |  |  |
| Monthly: |  |  |  |  |  |  |  |  |  |  |
| 1976 | September | 7.4 | 7.4 | 7.4 | 11.3 | 11.3 | 11.3 | 0.2 | 0.2 | 0.2 |
|  | October | 11.2 | 9.7 | 8.6 | 13.9 | 12.2 | 10.9 | 10.1 | 8.7 | 8.3 |
| Quarterly Averages: |  |  |  |  |  |  |  |  |  |  |
| 1976 | QIII | 6.5 | 6.5 | 6.5 | 9.7 | 9.7 | 9.7 | 3.6 | 3.6 | 3.6 |
|  | QIV | 9.0 | 8.2 | 7.7 | 12.1 | 10.9 | 10.0 | 7.0 | 6.3 | 5.9 |
| 1977 | QI | 9.4 | 9.6 | 9.2 | 10.2 | 9.6 | 9.2 | 6.7 | 7.0 | 6.6 |
|  | QII | 8.8 | 9.0 | 9.2 | 8.6 | 8.8 | 9.2 | 7.0 | 7.1 | 7.1 |
| Semi-annual |  |  |  |  |  |  |  |  |  |  |
| QII | 76-QIV '76 | 7.9 | 7.4 | 7.1 | 11.0 | 10.4 | 10.0 | 5.3 | 5.0 | 4.8 |
| QIV ' | 76-QII '77 | 9.2 | 9.4 | 9.3 | 9.5 | 9.3 | 9.3 | 6.9 | 7.1 | 6.9 |
| Annual |  |  |  |  |  |  |  |  |  |  |
| QII '76-QII '77 |  | 8.7 | 8.6 | 8.4 | 10.5 | 10.1 | 9.9 | 6.2 | 6.2 | 5.9 |

also at thrift institutions--will remain sizable so long as the 3 -month Treasury bill rate remains in the neighborhood of $5-1 / 8$ per cent.
(9) Business loan demands on banks are likely to remain sluggish over the next few weeks, although they may strengthen later in the fall if and as the rate of business inventory accumulation once again accelerates. Over the near-term, banks are likely to continue utilizing large inflows of funds into time and savings deposits other than large $C^{\prime}$ 's to increase holdings of relatively high-yielding Treasury coupon issues, including the two-year Treasury note to be auctioned on September 21 and a just announced 5-year note to be auctioned on September 28 (raising $\$ 2 \frac{1}{2}$ billion of new cash). Banks will also probably permit the outstanding volume of large negotiable $C D$ 's to decline somewhat further over the weeks immediately ahead, and the bank credit proxy over the SeptemberOctober period may rise at about a $4 \frac{1}{2}$ per cent annual rate.
(10) Private credit demands on the open market may strengthen a little from the summer pace. In particular, substantially more new corporate bond offerings appear to be scheduled for October than had been marketed during the summer months, although part of the increase is seasonal. A sizable volume of new state and local government issues continues to be projected for early fall. Treasury credit needs are likely to be relatively moderate in the early fall, given the large end-ofSeptember cash balance now in prospect, but such needs will probably pick up as the quarter progresses.
(11) Alternative A involves an easing of the money market, with the funds rate range centered on $4 \frac{3}{4}$ per cent. Such an easing would
probably be accompanied by a decline in the Treasury bill rate to the $4 \frac{3}{4}$ per cent area also and by a drop in the 3 -month commercial paper rate to around 5 per cent. In response to these market rate declines, the bank prime loan rate would probably adjust downward. Longer-term market rates probably also would move down somewhat further, but the declines could be limited as borrowers accelerate offerings in anticipation of a later reversal in yields. Primary mortgage market rates--which have changed little in recent weeks despite declines in corporate bond yields-would probably begin to drop noticeably.
(12) The easing in short-term rates under alternative $A$ would likely be accompanied by a slightly stronger expansion in $M_{1}$ over the short-run--with the $M_{1}$ growth range estimated to be $4 \frac{1}{2}-8 \frac{1}{2}$ per cent for the September-October period. There would be some strengthening in inflows of time and savings deposits other than large CD's, particularly savings deposits. However, if credit demands on banks remain relatively weak over the next few weeks, banks are likely to become less active in soliciting consumer-type time deposit funds. Banks would probably continue to run-off large money market $C D$ 's, while at the same time taking advantage of the lower level of market rates to lengthen maturities on those new CD's that they do issue.
(13) The tightening of money market conditions contemplated under alternative $C--$ with the funds rate range centered on $5 \frac{3}{4}$ per cent-might well lead to fairly sharp upward adjustments in market rates over the next few weeks. Dealer bill positions are currently very large, and the 3 -month bill rate could move up to the $5 \frac{3}{4}-6$ per cent area. Holdings
of coupon issues are also fairly sizable, and strong efforts to secure the paper profits on such positions could lead to an appreciable rise in longer-term Treasury yields, with spill-over effects on other longer-term markets.
(14) A little slower growth in the monetary aggregates would, of course, be likely to develop over the September-October period under alternative $C$ than under either of the other two alternatives. In particular, growth in savings deposits may well come to a halt, at least temporarily, as depositors shift to higher-yielding market instruments. Banks may seek to compensate for this to some extent by more aggressive offerings of time deposits, including large $C D$ 's. On balance, under this alternative we would expect $M_{1}$ over the forthcoming two-month period to expand in a $3 \frac{1}{2}-7 \frac{1}{2}$ per cent annual rate range and $M_{2}$ in an $8-12$ per cent range.
(15) All of the short-run alternatives shown would be consistent with the Comittee's current longer-run growth ranges for the monetary aggregates covering the period from QII '76 to QII '77. The staff still belleves that interest rates will probably have to rise--perhaps beginning late in the year--to achieve a longer-run $M_{1}$ growth rate of $5 \frac{3}{4}$ per cent, the mid-point of the Comittee's range. In view of the apparent strengthening of time and savings deposit flows, and allowing for a somewhat lower average level of interest rates during the year ending mid-'77, the staff now expects longer-run growth rates for $M_{2}$ and $M_{3}$ to be near the tops of their ranges. The longer-run Federal funds rate patterns implied by the alternatives are shown in appendix Table II.

## Proposed directive

(16) Given below is a proposed operational paragraph for the directive if the Comittee should wish to return to language that emphasizes desired growth in monetary aggregates. No alternatives are presented for this formulation, in the expectation that the reference to desired growth will be taken to apply to the longer-term targets and that at this meeting the Committee will not reconsider those targets. "Monetary Aggregates" Proposal

To implement this policy, while taking account of developments in domestic and international financial markets, the Committee seeks to maintain-prevaiłing ACHIEVE bank reserve and money market conditions CONSISTENT WITH MODERATE GROWTH IN MONETARY AGGREGATES over the period imediately ahead--pzovided that-monetary-aggregates-appear-to-be-growing-at-about-the-zates eurrenty-expeeted.
(17) Should the Conmittee 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 Committee seeks to maintain-pzevaiłing 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 Committee seeks to maineain-prevaiłing ACHIEVE SOMEWHAT FIRMER 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.

## APPENDIX A

## Comparison of Actual and Targeted Reserves

The table below compares the actual average level of reserves for the five-week period ending September 22 with the "targeted level that had been thought consistent with the mid-points of the short-run ranges for the monetary aggregates adopted at the last FOMC meeting.

|  |  | Actual1/ | Targeted | Differences |  |
| :--- | :---: | ---: | ---: | ---: | ---: |
| 1. (2+3) | Nonborrowed reserves | 34,321 | 34,333 | -12 |  |
| 2. | Required reserves | 34,138 | 34,241 | -103 |  |
| 3. (4-5) | Free reserves | 183 | 92 | 91 |  |
| 4. | Excess reserves | 251 | 200 | 51 |  |
| 5. |  | Member bank borrowing | 68 | 108 | -40 |
| 6. (1+5) | Total reserves | 34,390 | 34,441 | -51 |  |
| 7. |  | Currency | 81,655 | 81,537 | 118 |
| 8. (6+7) Monetary base | 116,045 | 115,978 | 67 |  |  |

As can be seen from the table, actual nonborrowed reserves turned out to be very close to the "targeted" level. Banks held more free reserves than the staff had expected, reflecting both a lower level of borrowing and greater demand for excess reserves by banks than anticipated. Meanwhile, actual required reserves were about $\$ 100$ million below expectations. Somewhat more money growth than anticipated took the form of currency, which required no reserves, and the average reserve ratio against deposits also turned out to be lower than expected.

[^2]
## A - 2

With borrowing lower than expected, total reserves were also somewhat below their targeted level, while the monetary base was stronger than targeted. The strength in the monetary base reflected greater currency expansion than expected at the time of the last FOMC meeting.

Appendix Table I

Reserve Measures Consistent With Short-run Alternatives (seasonally adjusted)

|  | Average of 4 weeks Sept. 29 to Oct. 20 |  |  | Change from average of previous 5-week period ( $\$$ million) |  |  | 2-month Annual Percentage Growth Rate for Sept.-Oct. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (\$ million) |  |  |  |  |  |  |  |  |
|  | Alt. A | Alt. B | Alt. C | A1t. A | Alt. B | Alt. C | A1t. A | Alt. B | A1t. C |
| Nonborrowed reserves | 34,359 | 34,308 | 34,218 | 38 | -13 | -103 | $-1.9$ | -2.8 | $-4.7$ |
| Member bank borrowing | 45 | 78 | 150 | -17 | 10 | 30 | -- | -- | -* |
| Excess reserves | 233 | 215 | 198 | -18 | -36 | 38 | -- | -- | -- |
| Other reserve aggregates |  |  |  |  |  |  |  |  |  |
| Total reserves | 34,404 | 34,386 | 34,368 | 14 | -4 | -22 | -2.8 | -3.1 | -3.4 |
| Monetary base ${ }^{1 /}$ | 116,826 | 116,808 | 116,790 | 781 | 763 | 745 | 5.9 | 5.8 | 5.7 |
| Nonborrowed monetary base | 116,781 | 116,730 | 116,640 | 804 | 753 | 663 | 6.2 | 5.9 | 5.3 |

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

## Appendix Table II

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

## Appendix Tbble III

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

|  |  | $M_{1}$ |  | $\mathrm{M}_{2}$ |  | $\mathrm{M}_{3}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | M | 0 | M | 0 | M | 0 |
| 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 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 ${ }^{1}$ | '73-QIV '74 | 4.7 | 5.0 | 7.2 | 7.7 | 6.8 | 7.1 |
| 1975 | 5 I | 1.4 | 0.6 | 6.9 | 5.6 | 9.0 | 7.5 |
|  | II | 9.7 | 7.4 | 12.5 | 10.2 | 14.5 | 12.6 |
|  | III | 3.6 | 7.1 | 6.5 | 10.1 | 10.7 | 13.3 |
|  | IV | 1.6 | 2.3 | 7.0 | 6.4 | 9.3 | 9.4 |
| QIV ' | '74-QIV '75 | 4.1 | 4.4 | 8.5 | 8.3 | 11.3 | 11.1 |
| 1976 | I | 4.3 | 2.6 | 11.5 | 10.1 | 12.6 | 11.4 |
|  | II | 6.8 | 8.4 | 9.9 | 11.3 | 11.3 | 12.4 |

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

## NARROW MONEY SUPPLY M 1



BROADER MONEY SUPPLY M2



## MONETARY AGGREGATES



## MONEY MARKET CONDITIONS AND INTEREST RATES



Table 1
CONFIDENTIAL (FR)
CLASS II-FOMC
MONETARY AGGREGATES
SEPT. 17. 1976
ACTUAL AND CURRENT PROJECTIONS, SEASONALLY ADJUSTED


NOTE: DATA SHOWN IN PARENTHESES ARE CURRENT PROJECTIONS
p incluoes treasury deposits at member banks and federal reserve banks.

- PRELIMINARY


# BANK RESERVES 

actual and Current projections, seasomally adjusted
SEPT. 17, 1976

| Period | BANK RESERVES |  |  | REQUIRED RESERVES |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total Reserves | Nonborrowed Reserves | Monetary Base | Total Required | Private <br> Demand | Total Time Deposits | Gov't. and Inter bank |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| $\begin{aligned} & 1976-\text { JUNE } \\ & \text { JULY } \\ & \text { AUG. } \\ & \text { SEPT. } \end{aligned}$ | 34,335 34,387 34,560 $(34,388)$ | 34,209 34,254 34,460 $(34,321)$ | 114,653 115,150 115,806 $(116,378)$ | $\begin{gathered} 34,121 \\ 34,152 \\ 34,320 \\ (34,157) \end{gathered}$ | 19,953 19,952 200,166 $(20,177)$ | 11,842 12,003 11,797 $(11,645)$ | 2,327 2,198 2,356 2,3341 |
| PERCENT ANNUAL GROUTH |  |  |  |  |  |  |  |
| QUARTERLY |  |  |  |  |  |  |  |
| 1976--1ST OTR. 2ND OTR. 3RD QTR. 3RD QTR. | -6.2 3.9 $0.6)$ | -5.3 <br> 1 <br> 3.1 <br> 1.31 | 4.6 8.8 18.01 | -5.7 1 4.0 0.43 | -2.0 $(6.0$ $4.5)$ | -11.0 -1.0 -6.71 |  |
| QUARTERLY-AV |  |  |  |  |  |  |  |
| 1976-1ST OTR. 2ND QTR. 3RD QTR. | -3.8 0.8 0.3 3.3 | -3.2 0.5 1 3.21 | 5.3 8.5 1 6.31 | -3.6 1.2 1.2 .81 | -1.0 <br>  <br>  <br> 4.2 <br> $3.8)$ | -8.5 <br> -4.4 <br> -0.91 |  |
| MONTHLY |  |  |  |  |  |  |  |
| 1976-JUNE | 7.0 | 6.6 | 6.9 | 6.9 | -2.2 | 9.4 |  |
| JULY | 1.8 | 1.6 | 5.2 | 1.1 | -0.1 | 16.3 |  |
| AUG. | 6.0 <br> -6.01 | ( $\begin{gathered}7.2 \\ -4.8)\end{gathered}$ | 5.8 <br> 1 | $\left(\begin{array}{c}5.9 \\ \left(\begin{array}{c}5.7\end{array}\right)\end{array}\right.$ | ( $\begin{gathered}12.9 \\ 0.7)\end{gathered}$ | ( $\begin{aligned} & -20.6 \\ & -15.5)\end{aligned}$ |  |
| AUG.-SEPT. | 10.01 | ( 1.21 | 16.41 | 10.13 | 1 6.8) | ( -17.9) |  |
| WEEKLY LEVELS-SMILLIONS |  |  |  |  |  |  |  |
| 1976-AUG. 4 | 35,020 | 34,863 | 116,017 | 34,584 | 20,231 | 11,935 | 2,418 |
| 1976-11 | 34,226 | 34,104 | 115,397 | 34,262 | 20,076 | 11,886 | 2,301 |
| 18 | 34,725 | 34,640 | 115,966 | 34,388 | 20,170 | 12,790 | 2,428 |
| 25 | 34,490 | 34,423 | 115,899 | 34,242 | 20,145 | 11,730 | 2,366 |
| SEPT. $\begin{array}{r}1 \\ 8 \\ 15\end{array}$ | $\begin{aligned} & 34,531 \\ & 34,293 \\ & 34,538 \end{aligned}$ | $\begin{aligned} & 34,438 \\ & 34,247 \\ & 34,477 \end{aligned}$ | $\begin{aligned} & 115,849 \\ & 115,763 \\ & 116,668 \end{aligned}$ | 34,225 34,021 34,207 | 20,248 20,115 20,219 | 11,686 11,659 11,640 | $\begin{aligned} & 2,291 \\ & 2,247 \\ & 2,348 \end{aligned}$ |

NOTE: RESERVE SERIES HAVE BEEN AD, JUSTED TO REMOVE DISCONTINUITIES ASSOCIATED WITH CHANGES IN RESERVE REQUIREMENT RAIIO. OATA SHOUN IN PARENTHE SES ARE CURRENT PROJECTIONS.


1) Change from end-of-period to end-of-period.

Outright transactions in market and with foreign accounts, and redemptions (-) in bill auctions.
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 shifts.
I/ In addition to net purchases of securities, also reflects changes in System holdings of bankers' acceptances, direct Treasury borrowings from the System, and redemptions ( - ) of Agency and Treasury coupon issur
/ Includes changes in both RP's ( + ) and matched sale-purchase transactions (-).

TABLE 4
SECURITY DEALER POSITIONS AND BANK POSITIONS
(millions of dollars)

| Period | U.S. Govt. Security Dealer Positions |  | Underwriting Syndicate Positions |  | Member Bank Reserve Positions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Borrowing at FRB** Basic Reserve Deficit |
|  | Bills | Coupon Issues |  |  | Corporate Bonds | $\begin{gathered} \text { Municipal } \\ \text { Bonds } \\ \hline \end{gathered}$ | Excess** Reserves | Total | Seasonal | 8 New York | 38 Others |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| 1975--High | 7,029 | 2,845 | 464 | 389 | 804 | 609 | 74 | -7,387 | -11,632 |
| Low | 1,586 | 253 | 0 | 48 | -42 | 17 | 5 | -1,757 | - 7,207 |
| 1976--High | *7,932 | 2,060 | 334 | 249 | 655 | 242 | 32 | -6,686 | -12,660 |
| Low | 3,668 | 175 | 0 | 34 | -180 | 24 | 8 | -2,367 | - 6,908 |
| 1975-Aug. | 4,020 | 1,204 | 44 | 181 | 195 | 211 | 37 | -3,964 | - 9,966 |
| Sept. | 5,008 | 588 | 31 | 122 | 191 | 397 | 58 | -3,551 | - 9,015 |
| Oct. | 5,766 | 1,480 | 14 | 123 | 161 | 189 | 65 | -2,644 | - 9,202 |
| Nov. | 4,751 | 2,073 | 156 | 173 | 251 | 60 | 29 | -3,812 | -10,159 |
| Dec. | 4,822 | 1,075 | 95 | 103 | 265 | 130 | 14 | -2,811 | -10,418 |
| 1976--Jan. | 4,959 | 1,220 | 34 | 97 | 232 | 79 | 9 | -3,581 | - 9,746 |
| Feb. | 5,214 | 1,051 | 66 | 181 | 256 | 81 | 10 | -4,138 | -10,015 |
| Mar. | 5,910 | 778 | 43 | 151 | 223 | 54 | 8 | -4,726 | - 9,640 |
| Apr. | 5,750 | 605 | 69 | 133 | 155 | 43 | 10 | -5,179 | -10,783 |
| May | 4,239 | 591 | 95 | 199 | 210 | 114 | 11 | -4,402 | - 8,151 |
| June | 4,996 | 582 | 100 | 196 | 214 | 127 | 20 | -4,219 | - 9,158 |
| July | 5,743 | 904 | 106 | 211 | 234 | 132 | 25 | -4,756 | - 9,399 |
| Aug. | 6,174 | 1,686 | 85 | 116 | 247p | 100p | 31p | -4,624 | - 9,691 |
| 1976-July 7 | 5,263 | 1,264 | 146 | 228 | 562 | 124 | 26 | -5,006 | - 7,760 |
| 14 | 5,630 | 1,015 | 139 | 238 | 29 | 177 | 23 | -5,958 | -11,101 |
| 21 | 5,744 | 619 | 13 | 212 | 228 | 59 | 24 | -3,917 | - 9,724 |
| 28 | 6,232 | 817 | 19 | 175 | 32 | 159 | 27 | -3,805 | - 8,875 |
| Aug. 4 | 6,201 | 977 | 32 | 107 | 436 | 157 | 22 | -3,598 | - 8,908 |
| 11 | 6,103 | 2,060 | 110 | 101 | -36 | 122 | 26 | -5,170 | -11,321 |
| 18 | 5,478 | 1,960 | 124 | 167 | 337 | 85 | 30 | -4,575 | -10,744 |
| 25 | *5,856 | *1,602 | 75 | 89 | 248p | 67p | 30p | -4,469 | - 8,941 |
| Sept. 1 | *7,539 | *1,568 |  |  | 306p | 93p | 32p | -5,165 | - 8,016 |
| 8 | *7,932 | *1,705 | 73 | 107 | 272p | 46p | 30p | -7,122p | -10,013p |
| 15 | *7,628 | *1,613 | 130p | 158p | 324p | 61p | 28p | -6,047p | -11,674p |
| $\begin{aligned} & 22 \\ & 29 \end{aligned}$ |  |  |  |  |  |  |  |  |  |

NOTE: Government security dealer trading positions are on a commitment basis. Trading positions, which exclude Treasury securities financed by repurchase agreements maturing in 16 days or more, are indicators of dealer holdings available for sale over the near-term. Underwriting syndicate positions consist of issues 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.

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

| Period | Short-Term |  |  |  |  |  | Long-Term |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Federal Funds | Treagury Bills |  | 90-119 Day Commercial Paper | CD's New Issue-NIC |  | Aaa Utility <br> New Recently <br> Issue Offered <br> $(7)$ $(8)$ |  | $\begin{gathered} \text { Municipal } \\ \text { Bond } \\ \text { Buyer } \\ \hline \end{gathered}$ | ```U.S. Govt. 20- Yr. Constant Maturity``` | FNMA Auction Yield | GNMA Guaranteed Securities |
|  |  | 90-Day | 1-Year |  | 60-Day | 90-Day |  |  |  |  |  |  |
|  | (1) | (2) | (3) | (4) | (5) | (6) |  |  | (9) | (10) | (11) | (12) |
| 1975--High | 7.70 | 6.68 | 7.31 | 8.43 | 7.88 | 7.75 | 9.80 | 9.71 | 7.67 | 8.63 | 9.95 | 9.10 |
| Low | 5.13 | 5.02 | 5.46 | 5.38 | 5.25 | 5.38 | 8.89 | 9.06 | 6.27 | 7.63 | 8.78 | 7.93 |
| 1976--High | 5.58 | 5.53 | 6.32 | 5.90 | 5.63 | 5.75 | 8.95 | 8.94 | 7.13 | 8.17 | 9.20 | 8.45 |
| Low | 4.70 | 4.73 | 5.35 | 5.00 | 4.75 | 4.88 | 8.28 | 8.34 | 6.50 | 7.80 | 8.83 | 8.00 |
| 1975--Aug. | 6.14 | 6.44 | 7.16 | 6.59 | 6.31 | 6.63 | 9.46 | 9.49 | 7.17 | 8.50 | 9.41 | 8.75 |
| Sept. | 6.24 | 6.42 | 7.20 | 6.79 | 6.44 | 6.81 | 9.68 | 9.57 | 7.44 | 8.57 | 9.78 | 8.97 |
| Oct. | 5.82 | 5.96 | 6.48 | 6.35 | 6.08 | 6.45 | 9.45 | 9.43 | 7.39 | 8.35 | 9.80 | 8.87 |
| Nov. | 5.22 | 5.48 | 6.07 | 5.78 | 5.69 | 6.03 | 9.20 | 9.26 | 7.43 | 8.28 | 9.80 | 8.50 |
| Dec. | 5.20 | 5.44 | 6.16 | 5.88 | 5.65 | 5.83 | 9.36 | 9.21 | 7.31 | 8.23 | 9.31 | 8.56 |
| 1976--Jan. | 4.87 | 4.87 | 5.44 | 5.15 | 4.91 | 5.03 | 8.70 | 8.79 | 7.07 | 8.01 | 9.10 | 8.37 |
| Feb. | 4.77 | 4.88 | 5.53 | 5.13 | 4.84 | 5.06 | 8.63 | 8.63 | 6.94 | 8.03 | 9.06 | 8.29 |
| Mar. | 4.84 | 5.00 | 5.82 | 5.25 | 5.05 | 5.20 | 8.62 | 8.61 | 6.92 | 7.97 | 9.05 | 8.30 |
| Apr. | 4.82 | 4.86 | 5.54 | 5.08 | 4.81 | 4.94 | 8.48 | 8.52 | 6.60 | 7.86 | 8.89 | 8.10 |
| May | 5.29 | 5.20 | 5.98 | 5.44 | 5.25 | 5.38 | 8.82 | 8.77 | 6.87 | 8.13 | 9.09 | 8.33 |
| June | 5.48 | 5.41 | 6.12 | 5.83 | 5.55 | 5.68 | 8.72 | 8.73 | 6.87 | 8.03 | 9.13 | 8.35 |
| July | 5.31 | 5.23 | 5.82 | 5.54 | 5.30 | 5.42 | 8.63 | 8.63 | 6.79 | 8.00 | 9.05 | 8.37 |
| Aug. | 5.29 | 5.14 | 5.64 | 5.35 | 5.23 | 5.31 | 6.52 | 8.50 | 6.61 | 7.91 | 8.99 | 8.30 |
| 1976--July 7 | 5.37 | 5.38 | 6.03 | 5.75 | 5.50 | 5.63 | 8.58 | 8.57 | 6.78 | 7.98 | -- | 8.41 |
| 14 | 5.27 | 5.21 | 5.75 | 5.60 | 5.25 | 5.38 | 8.53 | 8.55 | 6.78 | 7.96 | 9.05 | 8.34 |
| 21 | 5.30 | 5.20 | 5.79 | 5.50 | 5.25 | 5.38 | 8.66 | 8.68 | 6.77 | 8.03 | -- | 8.34 |
| 28 | 5.28 | 5.19 | 5.78 | 5.40 | 5.20 | 5.30 | 8.72 | 8.69 | 6.73 | 8.03 | 9.04 | 8.37 |
| Aug. 4 | 5.36 | 5.15 | 5.74 | 5.38 | 5.20 | 5.30 | 8.60 | 8.60 | 6.65 | 7.99 | -- | 8.37 |
| 11 | 5.25 | 5.18 | 5.67 | 5.38 | 5.25 | 5.35 | 8.49 | 8.49 | 6.60 | 7.93 | 9.01 | 8.37 |
| 18 | 5.29 | 5.15 | 5.63 | 5.38 | 5.25 | 5.30 | -- | 8.46 | 6.60 | 7.89 | -- | 8.27 |
| 25 | 5.28 | 5.13 | 5.63 | 5.35 | 5.20 | 5.30 | 8.47 | 8.44 | 6.58 | 7.86 | 8.97 | 8.25 |
| Sept. 1 | 5.28 | 5.09 | 5.57 | 5.30 | 5.10 | 5.22 | 8.38 | 8.38 | 6.52 | 7.82 | -- | 8.25 |
| 8 | 5.25 | 5.10 | 5.54 | 5.38 | 5.13 | 5,25 | 8,28 | 8.35 | 6.52 | 7.81 | 8.92 | 8.13 |
| 15 | 5.22 | 5.12 | 5.56 | 5.38 | 5.13 | 5.30 | 8.30p | 8.34 p | 6.50 | 7.82 p | -- | 8.13 |
| 29 |  |  |  |  |  |  |  |  |  |  |  |  |
| Daily--Sept. 9 | 5.25 | 5.12 | 5.56 | 5.38 | -- | -- | -- | -- | -- | 7.81 | -- | -- |
| 16 | 5.22p | 5.10 | 5.53 | 5.38 | -- | -- | -- | -- | -- | 7.81(9/15) | -- | -- |

NOTE: Weekly data for column 1 to 4 are statement week averages of daily data. Columns 5 and 6 are 1-day Wednesday quotes (prior to 1976 , figures shown are for $60-89$ day and $90-119$ day ranges, respectively). For columns 7 and 10 , the weekly date is the mid-point of the calendar week over which data are averaged. Column 8 and 9 are 1-day quotes for Friday and Thursday, respectively, following the end of rhe statement week. Column 11 gives FNMA auction data for Monday preceding the end of the statement week. Column 12 is a 1 -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 securities for fumediate delivery, assuming prepayment in 12 years on pools of 30 -year FHA/VA mortgages carrying the coupon rate 50 basis points below the current FHA/VA ceiling.

|  | BAMK HESERVES $\sqrt{ }$ / |  |  | $\begin{aligned} & \text { BAMK CREDIT } \\ & \text { measunes } \end{aligned}$ |  | MONEY STOCKMEASURES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | Total | Nonberrowed | $\begin{gathered} \text { Monetary } \\ \text { Base } \end{gathered}$ | Adj. Credit proxy | Total Loans and Investments | $M_{1}$ | $\mathrm{M}_{2}$ | $M_{3}$ | M4 | M5 | $M_{6}$ | M 7 |
| ANNUALLY: | $2 \quad 3 \quad{ }^{3} \quad{ }^{4} \text { (Por cant annual rates of growth) }{ }^{7}$ |  |  |  |  |  |  | 8 | 9 | 10 | 11 | 12 |
| 1973 | 6.7 | 6.0 | 7.7 | 10.5 | 13.8 | 6.0 | 8.8 | 8.8 | 11.6 | 10.6 | 11.1 | 11.9 |
| 1974 | 7.1 | 9.2 | 9.2 | 10.2 | 9.2 | 4.7 | 7.2 | 6.8 | 10.6 | 9.0 | 8.9 | 8.9 |
| 1975 | -0.4 | 1.3 | 5.8 | 3.9 | 4.4 | 4.1 | 8.5 | 11.3 | 6.4 | 9.7 | 10.0 | 9.7 |
| SEMI-AMNUALLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1ST MALF 1975 | -1.2 | 1.7 | 5.6 | 4.5 | 4.2 | 5.6 | 9.8 | 11.9 | 6.9 | 9.9 | 9.5 | 9.4 |
| 2ND MALF 1975 | 0.3 | 0.9 | 5.7 | 3.1 | 4.5 | 2.6 | 6.8 | 10.1 | 5.7 | 9.2 | 10.0 | 9.5 |
| IST malf 1976 | -1.2 | -1.2 | 6.7 | 3.1 | 4.9 | 5.6 | 10.8 | 12.1 | 6.3 | 9.2 | 8.6 | 8.8 |
| QUARTERLY |  |  |  |  |  |  |  |  |  |  |  |  |
| 3RD OTR. 1975 | -0.8 | -2.8 | 4.1 | -0.8 | 4.2 |  |  | 10.7 |  | 8.1 | 8.6 |  |
| 4TH QTR. 1975 | 1.4 | 4.5 | 7.3 | 7.0 | 4.6 | 1.6 | 7.0 | 9.3 | 8.4 | 10.0 | 11.3 | 11.3 |
| 1ST OTR. 1976 | -6.2 | -5.3 | 4.6 | 1.2 | 5.5 | 4.3 | 11.5 |  |  |  |  |  |
| 2ND GTR. 1976 | 3.9 | 3.1 | 8.8 | 4.9 | 4.3 | 6.8 | 9.9 | 11.3 | 7.6 | 9.8 | 4.3 | 9.8 |
| quarteriv-avi |  |  |  |  |  |  |  |  |  |  |  |  |
| 3RD GTR. 1975 | 0.1 | -1.9 | 6.3 | 1.4 | 4.4 | 7.1 | 10.1 | 13.3 | 5.7 | 10.1 | 10.7 |  |
| 4TH OTR. 1975 | 0.6 | 2.7 | 5.6 | 6.0 | 6.0 | 2.3 | 6.4 | 9.4 | 6.7 | 9.4 | 9.9 | 9.6 |
| 1ST OTR. 1976 | -3.8 | -3.2 | 5.3 | 2.3 | 3.8 | 2.6 | 10.1 | 11.4 | 5.7 | 8.6 | 8.7 | 8.7 |
| 2ND OTR. 1976 | 0.8 | 0.5 | 8.5 | 2.4 | 5.4 | 8.4 | 11.3 | 12.4 | 7.1 | 9.6 | 9.0 | 9.3 |
| MOwTM Y: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975-AUG. | -3.1 | 0.0 -2.6 | 4.9 | -4.3 | 5.9 |  |  | 10.3 | -0.5 |  |  |  |
| SEPT. | 3.9 -6.3 | -2.6 | 2.8 | 5.2 5.9 | 5.7 | 1.6 -0.8 | 4.2 | 8.5 | 4.3 | 8.2 | 6.5 | 5.7 |
| OCT. | -6.3 | 0.8 | 3.6 11.1 | 5.9 | 6.4 | -0.8 | 5.3 | 8.7 | 7.9 | 9.9 | 10.3 | 10.1 |
| NOV. | 9.7 0.8 | 14.3 -1.6 | 11.1 7.0 | 14.4 0.7 | 9.8 -2.3 | 9.0 -3.2 | 11.5 4.0 | 11.9 7.1 | 11.7 5.3 | 12.1 | 14.3 | 14.3 |
| OE. |  |  |  |  | -2.3 | -3.2 | 4.0 | 7.1 | 5.3 | 7.7 | 8.9 | 9.1 |
| 1976-JAN. | -10.2 | -8.4 | 2.6 | -0.7 | 3.5 | 1.2 | 10.7 | 11.9 | 3.5 | 7.2 | 7.1 | 7.1 |
| FEB. | -6.8 | -6.9 | 4.0 | 3.5 | 5.9 | 5.7 | 14.9 | 14.7 | 7.0 | 9.8 | 8.2 | 8.0 |
| MAR. | -1.7 | -0.8 | 7.0 | 0.9 | 6.9 | 6.1 | 8.7 | 11.0 | 4.3 | 7.9 | 7.7 | 7.8 |
| MPR. | 0.7 4.0 | 1.1 1.5 | 12.2 7.0 | 3.0 -4.6 | 5.4 5.4 | 14.9 6.4 | 14.9 9.2 | 14.7 10.8 | 10.9 | 12.2 | 11.2 | 11.4 |
| JUNE | 7.0 | 6.6 | 6.9 | 16.3 | 2.1 | -6.4 | 9.2 5.3 | 10.8 8.0 | 8.1 | 6.9 9.9 | 6.6 9.9 | 7.2 10.4 |
| NuLV | 1.8 | 1.6 | 5.2 | 3.0 | 6.9 | 6.7 | 12.5 | 13.1 | 9.8 | 11.4 | 10.3 | 10.3 |
| AUS. P | 6.0 | 7.2 | 6.8 | -2.3 | 8.2 | 5.9 | 9.8 | 12.7 | 0.8 | 7.0 | 5.7 | 5.6 |

MOTESZ ADJUSTED CREDIT- PROXY INCLUDES MAINLY TOTAL MEMBER BANK DEPOSITS SUBJECT TO RESERYE REQUIREMENTS, LOANS SOLD TO BAMKRELLATED INSTITUTIDNS, AND EURODOLLAR BORROHINGS OF U.S.BANKS.
$y$ based on data adjusted for changes in reserve requirenents.
P - PRELIAIMARY

MONEY AND CREDIT AGGREGATE MEASURES
SEASONALLY ADJUSTED, BILLIONS OF DOLLARS

| Period | BANK RESERVES ${ }^{\text {J }}$ |  |  | BANK CREDITMEASURES |  | MONEY STOCKMEASURES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Non. borrowed | $\begin{gathered} \text { Monetary } \\ \text { Base } \end{gathered}$ | Adj. Credit proxy | Total <br> Loans and Investments | M 1 | $\mathrm{M}_{2}$ | $M_{3}$ | M4 | M5 | $M_{6}$ | M 7 |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| annually: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1973 | 32,390 | 31,092 | 96,051 | 449.4 | 637.7 | 270.5 | 571.4 | 919.5 | 634.9 | 982.9 | 1043.7 | 1132.0 |
| 1974 | 34,693 | 33,966 | 104,892 | 495.3 | 695.2 | 283.1 | 612.4 | 981.6 | 702.2 | 1071.4 | 1191.0 | 1232.7 |
| 1975 | 34,539 | 34,409 | 110,930 | 514.4 | 725.5 | 294.8 | 664.3 | 1092.9 | 747.2 | 1175.8 | 1310.3 | 1351.4 |
| monther: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975-AUG. | 34.310 | 34,099 | 108,694 | 503.3 | 713.8 | 293.2 | 650.6 | 1060.6 | 729.3 | 1139.3 | 1267.5 | 1308.6 |
| SEPT. | 34.421 | 34,024 | 108,949 | 505.5 | 717.2 | 293.6 | 652.9 | 1068.1 | 731.9 | 1147.1 | 1274.4 | 1314.8 |
| OCT. | 34,239 | 34,048 | 109,279 | 508.0 | 721.0 | 293.4 | 655.8 | 1075.8 | 736.7 | 1156.6 | 1285.3 | 1325.9 |
| NOV. | 34,515 | 34,455 | 110,287 | 514.1 | 726.9 | 295.6 | 662.1 | 1086.5 | 743.9 | 1168.3 | 1300.6 | 1341.7 |
| DEC. | 34,539 | 34,409 | 110.930 | 514.4 | 725.5 | 294.8 | 664.3 | 1092.9 | 747.2 | 1175.8 | 1310.3 | 1351.9 |
| 1976-JAN. | 34,245 | 34.167 | 111.171 | 514.1 | 727.6 | 295.1 | 670.2 | 1103.7 |  | 1182.9 | 1318.0 | 1359.9 |
| FEB. | 34,052 | 33,971 | 111,538 | 515.6 | 731.2 | 296.5 | 678.5 | 1117.2 | 753.8 | 1192.6 | 1327.0 | 1369.0 |
| MAR. | 34,003 | 33,949 | 112,192 | 516.0 | 735.4 | 298.0 | 683.4 | 1127.4 | 756.5 | 1200.5 | 1335.5 | 1377.9 |
| APR. | 34,024 | 33,980 | 113,333 | 517.3 |  | 301.7 |  | 1141.2 | 763.4 | 1212.7 | 1348.0 |  |
| MAY | 34,136 34,335 | 34,022 | 113,994 | 515.3 522.3 | 742.0 | 303.3 303.1 | 697.2 | 1151.5 | 765.4 | 1219.7 | 1355.4 | $1399.4$ |
|  | 34,335 | 34, 209 | 114,653 | 522.3 |  | 303.1 |  |  | 770.9 |  | 1366.6 |  |
| July aug. | $\begin{aligned} & 34,387 \\ & 34,560 \end{aligned}$ | 34,254 34,460 | 115,150 115,806 | 523.6 522.6 | 747.6 752.7 | 304.8 306.3 | 707.6 713.4 | 1171.9 1184.3 | 777.2 | 1241.5 | 1378.3 1384.8 | $\begin{aligned} & 1423.6 \\ & 1430.3 \end{aligned}$ |
| WEEKLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1976-JULY 14 |  |  |  |  |  | 304.6 |  |  |  |  |  |  |
| - 21 | 34,072 | 34,265 | 115,189 | 526.6 |  | 304.6 306.0 | 709.0 |  | 778.7 |  |  |  |
| 28 | 34.120 | 33,961 | 115,102 | 524.3 |  | 304.7 | 709.0 |  | 777.3 |  |  |  |
| AUG. $4$ |  |  | 116.017 |  |  |  |  |  |  |  |  |  |
| $11$ | $34,226$ | 34, 104 | 115,397 | 522.8 |  | 306.3 | 712.0 |  | $777.4$ |  |  |  |
| $18$ | 34,725 | 34,640 | 115,966 | 523.0 |  | 307.3 | 714.1 |  | 778.5 |  |  |  |
| 25 | 34,490 | 34,423 | 115,899 | 521.9 |  | 306.4 | 714.7 |  | 778.2 |  |  |  |
| $\text { SEPT. } \begin{gathered} 1 P \\ 8 P \end{gathered}$ | $\begin{aligned} & 34,531 \\ & 34,293 \end{aligned}$ | $\begin{aligned} & 34,438 \\ & 34,247 \end{aligned}$ | $\begin{aligned} & 115,849 \\ & 115,763 \end{aligned}$ | $\begin{aligned} & 522.5 \\ & 521.4 \end{aligned}$ |  | $\begin{aligned} & 305.8 \\ & 304.1 \end{aligned}$ | $\begin{aligned} & 715.4 \\ & 715.6 \end{aligned}$ |  | $\begin{aligned} & 778.2 \\ & 777.8 \end{aligned}$ |  |  |  |

nOTES: ADJUSTED CREDIT PRQXY INCLUDES MAINLY TOTAL MEMBER BANK DEPOSITS SUBJECT TO RESERVE REQUIREMENTS, LOANS SOLD TO BARMRELATED INSTITUTIONS, AND EURODOLLAR BDRRONINGS DF U.S.GANKS. WEERLY DATA ARE DAILY AVERAGES FDR STATEMENT WEEKS. MONTHLY OATA ARE DAILY AVERAGES. WEEKLY DATA ARE NOT AVAILABLE FOR M3, M5, M6, MT, TOTAL LOANS ANO INVESTMENTS AND IHRIFT INSTITU-
If BASED ON DATA ADJUSTED FOR CHANGES IN RESERVE REDUIRENENTS.
p - preliminary

| Period | Currency | Demand Deposits | Time and savings Deposits |  |  |  |  | Mutual Savings <br> Bank \& S\&L Shares ${ }^{1}$ | Credit Union Shares 1 | Savings Bonds $1 /$ | Short Term U.S.Gov't Securities 1 | Commercial Paper 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | Other Than CD's |  |  | CD's |  |  |  |  |  |
|  |  |  |  | Total | Savings | Other |  |  |  |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ANNUALLY: |  |  | (Per cent annual rates of zrowth) |  |  |  |  |  |  |  |  |  |
| 1973 | 8.1 | 5.3 | 16.2 | 11.4 | 2.8 | 18.7 | 45.6 | 8.5 | 13.8 | 4.9 | 31.3 | 39.3 |
| 1974 | 10. 2 | 3.0 | 15.0 | 9.4 | 7.0 | 11.2 | 41.4 | 5.6 | 12.1 | 4.8 | 11.9 | 9.1 |
| 1975 | 0.7 | 2.6 | 7.9 | 12.2 | 17.8 | 8.2 | -7.7 | 15.8 | 20.2 | 6.2 | 19.5 | -0.5 |
| SEMI-ANNUALLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 151 HLF 1975 | 9.4 | 4.4 | 7.8 | 13.4 | 18.2 | 10.0 | -12.7 | 15.2 | 20.9 | 5.7 | 6.7 | 5.7 |
| 2NO HALF 1975 | 7.6 | 0.9 | 7.8 | 10.4 | 16.0 | 6.1 | -2.9 | 15.2 | 17.6 | 6.5 | 31.3 | -6.5 |
| 151 MALF 1976 | 10.6 | 4.1 | 6.9 | 15.0 | 23.6 | 8.5 | -29.7 | 14.0 | 16.8 | 0.3 | 0.3 | 15.9 |
| QUARTERLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 3RD OTR. 1975 | 5.6 | 2.9 | 2.6 | 8.9 | 15.0 | 3.9 | -23.0 | 17.4 | 17.0 | 6.8 | 19.2 | -24.2 |
| 4TH OTR. 2975 | 9.4 | -1.1 | 12.9 | 11.6 | 15.8 | 8.2 | 19.2 | 12.5 | 17.6 | 6.0 | 41.3 | 11.9 |
| $15 T$ OTR. 1976 | 10.9 | 2.4 | 5.4 | 17.1 | 32.4 | 5.6 | $-47.3$ | 14.3 | 16.8 | 6.5 | -3.6 | 7.7 |
| 2NO OTR. 1976 | 10.0 | 5.8 | 8.2 | 12.4 | 13.6 | 11.3 | -13.7 | 13.2 | 16.1 | 5.9 | 4.2 | 23.6 |
| Quarterly-avi |  |  |  |  |  |  |  |  |  |  |  |  |
| 3RD GTR. 1975 | 8.5 | 6.6 | 4.7 | 12.7 | 18.9 | 8.0 | -27.5 | 18.2 | 18.6 | 0.8 | 26.4 | -23.7 |
| 4TH OTR. 1975 | 8.4 | 0.2 | 9.7 | 9.8 | 14.4 | 6.6 | 9.5 | 14.0 | 16.5 | 6.1 | 23.5 | -1.0 |
| ISt OTR. 1976 | 9.8 | 0.4 | 7.8 | 15.9 | 28.3 | 6.7 | -29.3 | 13.4 | 17.1 | 6.6 | 12.3 | 9.7 |
| 2ND OTR. 1976 | 11.7 | 7.2 | 6.3 | 13.7 | 21.7 | 7.0 | -30.6 | 13.8 | 16.4 | 5.9 | 0.0 | 17.1 |
| MONTH Y: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975-AUG * | 10.1 | 3.8 | $-3.8$ |  | 15.1 |  | -48.2 | 17.7 |  | 5.5 | 27.6 | -28.5 |
| SEPT. | 1.7 | 1.6 | 5.8 | 6.0 | 13.4 | 0.6 | 4.6 | 14.9 | 15.2 | 5.5 | -23.2 | -20.4 |
| OCT. | 10.0 13.2 | -4.3 | 13.7 | 10.7 | 11.7 | 10.0 | 27.3 | 13.5 | 18.8 | 7.3 | 21.6 | 3.0 |
| NOV. | 13.2 4.9 | 7.1 -5.9 | 13.5 12.0 | 13.6 10.1 | 14.6 20.5 | 12.8 1.7 | 13.4 | 12.4 | 14.8 | 5.4 | 63.8 | 17.8 |
| OEC. | 4.9 | -5.9 | 11.0 | 10.1 | 20.5 | 1.7 | 16.1 | 11.3 | 18.3 | 5.4 | 34.9 | 14.6 |
| 1976-JAN. | 8.1 | -1.1 | 5.3 | 18.2 | 26.9 | 12.1 | -53.0 | 13.4 | 18.0 | 7.1 | 3.6 | 8.7 |
| MAR. | 14.6 | 4.3 | 3.7 | 11.0 | 23.3 | 0.0 | -57.6 | 14.2 | 10.7 21.1 | 7.1 | -19.6 5.4 | 5.7 8.6 |
| APR. | 15.9 | 14.6 | 8.4 | 14.9 | 22.1 | 9.6 | -27.9 | 14.1 | 13.8 | 5.3 | 0.0 | 17.0 |
| May | 11.0 | 5.3 | 1.0 | 11.4 | 18.3 | 5.1 | -53.8 | 13.3 | 13.7 | 7.0 | 0.0 | 25.2 |
| JUNE | 3.1 | -2.7 | 15.1 | 10.4 | 0.0 | 19.0 | 42.2 | 11.7 | 20.3 | 5.2 | 12.6 | 27.3 |
| JULT | 9.3 | 5.9 | 11.5 | 16,6 | 11.4 | 20.9 | -17.0 | 13.9 | 10.0 | 10.4 | -8.9 | 13.4 |
| AUS. $P$ | 6.1 | 5.3 | -2.5 | 12,8 | 21.9 | 5.4 | -91.4 | 17.9 | 13.2 | 12.0 | -25.1 | 2.0 |

GRDOTH RATES ARE GASED ON ESTIMATED MONTHLY AVERAGE LEVELS DERIVED BY AVERAGING END OF CURRENT MONTH AND END OF

- PRELIMINARY.

COMPONENTS OF MONEY STOCK AND RELATED MEASURES

| Period | Currency | Demand Deposits | Time and Sevinge Deposits |  |  |  |  | MutualSavingsBankS S\&ELShares 1 | Credit Union Shares 1 | Savings Bonds $1 /$ | ShortTorm U.S. Gov't Sec $1 /$ | Com. mercial Paper$\mathbf{y}$ | NonDeposit Funds | Total Gov't Domand Deposits |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | Other Than CD's |  |  | CD's |  |  |  |  |  |  |  |
|  |  |  |  | Total | Savings | Other |  |  |  |  |  |  |  |  |
|  | 1 | 2 | 3 | 4 | 8 | 6 | 7 | 8 | 9 | 20 | 11 | 12 | 13 | 14 |
| annuallyz |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1973 | 61.5 | 209.0 | 364.4 | 300.9 | 127.3 | 173.6 | 63.5 | 323.5 | 24.7 | 60.4 | 50.3 | 38.3 | 6.6 | 7.3 |
| 1974 | 67.8 | 215.3 | 419.1 | 329.3 | 136.2 | 193.1 | 89.8 | 341.6 | 27.7 | 63.3 | 56.3 | 41.8 | 8.4 | 5.6 |
| 1975 | 73.7 | 221.0 | 452.4 | 369.6 | 160.5 | 209.0 | 82.9 | 395.5 | 33.3 | 67.2 | 67.3 | 41.6 | 8.4 | 7.6 |
| MONTHE P : |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975-AUG. | 71.9 | 221.3 | 436.2 | 357.4 | 152.7 |  | 78.8 | 378.8 | 31.5 | 65.9 | 62.2 | 41.1 | 7.0 | 3-6 |
| SEPT. | 72.0 | 221.6 | 438.3 | 354.2 | 154.4 | 204.8 | 79.1 | 383.5 | 31.9 | 66.2 | 61.0 | 40.4 | 7.0 | 6.9 |
| OCT. | 72.6 | 220.8 | 443.3 | 362.4 | 155.9 | 206.5 | 80.9 | 387.8 | 32.4 | 66.6 | 62.1 | 40.5 | 7.9 | 8.6 |
| nov. | 73.4 | 222.1 | 448.3 | 366.5 | 157.8 | 208.7 | 81.8 | 391.8 | 32.8 | 66.9 | 65.4 | 41.1 | 8.2 | 9.6 |
| DEC. | 73.7 | 221.0 | 452.4 | 369.6 | 160.5 | 209.0 | 82.9 | 395.5 | 33.3 | 67.2 | 67.3 | 41.6 | 8.4 | 7.6 |
| 1976-JAN. | 74.2 | 220.8 | 454.4 | 375.2 | 164.1 | 211.1 | 79.2 | 399.9 | 33.8 | 67.6 | 67.5 | 41.9 | 7.9 | 8.0 |
| FEB. | 75.1 | 221.5 | 457.3 | 381.9 | 170.2 | 211.8 | 75.4 | 404.8 | 34.1 | 68.0 | 66.4 | 42.1 | 8.0 | 10.9 |
| MAR. | 75.7 | 222.3 | 458.5 | 385.4 | 173.5 | 211.9 | 73.1 | 409.6 | 34.7 | 68.3 | 66.7 | 42.4 | 8.2 | 10.9 |
| APR. | 76.7 | 225.0 | 461.7 | 390.2 | 176.7 | 213.6 | 71.4 | 414.4 | 35.1 | 68.6 | 66.7 | 43.0 | 7.5 | 7-2 |
| MAY | 77.4 | 226.0 | 462.1 | 393.9 | 179.4 | 214.5 | 68.2 | 419.0 | 35.5 | 69.0 | 66.7 | 43.9 | 7.6 | 7.4 |
| JUNE | 77.6 | 225.5 | 467.9 | 397.3 | 179.4 | 217.9 | 70.6 | 423.1 | 36.1 | 69.3 | 67.4 | 44.9 | 8.4 | 9.8 |
| $\begin{aligned} & \text { JULY } \\ & \text { AUG. } p \end{aligned}$ | 78.2 78.6 | 226.6 227.6 | 472.4 | 402.8 | 181.1 184.4 | 221.7 | 69.6 64.3 | 428.0 | 36.4 36.8 | 69.9 | 66.9 65.5 | 45.4 | 8.8 8.9 | 9.0 13.8 |
| WEEKLY: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1976-JULY 14 | 78.3 | 226.3 | 472.8 | 402.4 | 180.7 | 221.6 | 70.4 |  |  |  |  |  | 8.5 |  |
| - 21 | 78.2 | 227.8 | 472.7 | 403.0 | 181.4 | 221.6 | 69.7 |  |  |  |  |  | 8.5 9.0 | 8.9 |
| 28 | 78.3 | 226.4 | 472.6 | 404.3 | 182.1 | 222.2 | 68.2 |  |  |  |  |  | 9.1 | 8.6 |
| AUG. 4 | 78.4 | 227.1 | 471.3 | 404.8 | 182.7 | 222.1 | 66.5 |  |  |  |  |  | 8.7 |  |
| 118 | 78.7 78.6 | 227.6 228.6 | 471.1 | 405.7 | 183.6 | 222.1 | 65.4 |  |  |  |  |  | 8.7 | 11.4 |
| 18 25 | 78.6 78.7 | 228.6 227.6 | 471.2 | 406.9 408.3 | 184.2 185.0 | 222.6 223.3 | 64.4 63.5 |  |  |  |  |  | 9.2 9.3 | 12.7 16.5 |
| SEPT. ${ }^{\mathbf{1 P}}$ | 78.6 79.0 | $\begin{array}{r} 227.2 \\ 225.1 \end{array}$ | 472.3 473.6 | $\begin{array}{r} 409.5 \\ 411.4 \end{array}$ | $\begin{aligned} & 185.8 \\ & 186.8 \end{aligned}$ | $\left\lvert\, \begin{aligned} & 223.8 \\ & 224.7 \end{aligned}\right.$ | $\begin{aligned} & 62.8 \\ & 62.2 \end{aligned}$ |  |  |  |  |  | 8.6 7.9 | 16.0 16.0 |

[^3]
[^0]:    ${ }^{1}$ In some cases, original copies needed to be photocopied before being scanned into electronic format. All scanned images were deskewed (to remove the effects of printer- and scanner-introduced tilting) and lightly cleaned (to remove dark spots caused by staple holes, hole punches, and other blemishes caused after initial printing).
    ${ }^{2}$ A two-step process was used. An advanced optical character recognition computer program (OCR) first created electronic text from the document image. Where the OCR results were inconclusive, staff checked and corrected the text as necessary. Please note that the numbers and text in charts and tables were not reliably recognized by the OCR process and were not checked or corrected by staff.

[^1]:    1/ Appendix A contains a discussion of the actual behavior of nonborrowed reserves in the weeks between the August and September meetings relative to the behavior that was expected to be consistent with the Committee's short-run ranges for monetary growth.

[^2]:    1/ Includes week of September 22, which is partly estimated.

[^3]:    1/ ESTIMATED MONTHLY AVERAGE LEVELS DERIVED BY AVERAGING END OF CURRENT MONTH AND ENO OF PREVIOUS MONTH REPORTED DATA.
    2/ INCLUDES TREASURY DEPDSITS AT MEMBER BANKS AND FEDERAL RESERVE BANKS.
    2/ INCLUDES TREASURY DEPDSITS AT MEMBER BANKS AND FEDERAL RESERVE GANKS.

