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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
moinetary aggregates and
MONEY MARKET CONDITTIONS

## Recent developments

(1) $M_{1}$ grew at a $4 \frac{1}{2}$ per cent annual rate in August, and data suggest some pick up in September. For the August-September period, M ${ }_{1}$ is now projected to grow at an annual rate of 5.7 per cent, about the mid-point of its range of tolerance. Growth of consumer-type time deposits also slowed in August, and $M_{2}$ is projected during the August-September period at a $7 \frac{1}{2}$ per cent annual rate, somewhat below the lower end of its target of tolerance.

> Growth in Monetary Aggregates and RPD's over August-September Period I/

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

Ranges of Tolerance

4늘 to 7
8\% to $10 \frac{3}{6}$
$-1 \frac{1}{2}$ to 4
$-3.7$
5.7
7.5

Latest Estimates

| Avg. for statement <br> week ending |  |
| :---: | :---: |
| Aug. 20 | 6.15 |
| 27 | 6.23 |
| Sept. 3 | 6.06 |
| 10 | 6.15 |

[^1](2) Business loans at banks remained about unchanged in August, following a small July advance, but the volume of commercial and finance company paper outstanding rose $\$ 600$ million, as the wide differential between the bank prime and commercial paper rates continued to make the paper maxket relatively attractive. Banks allowed $C D^{\prime} s$ to run off for the seventh straight month, and the bank credit proxy declined.
(3) Following the August FOMC meeting, the Desk continued to provide reserves consistent with the Federal funds rate remaining in a range of $6-1 / 8$ to $6-1 / 4$ per cent. On the basis of data for the aggregates that became available after labor Day, the staff reduced its projection of $M_{1}$ growth for August-September to the lower part of the Committee's range of tolerance and its projection of $M_{2}$ growth below the bottom of the range. In view of the expectation of a substantial strengthening in demands for money and credit over coming months, and the likelihood that a decline in the Federal funds rate may have to be reversed shortly, the Comittee concurred on September 5 in the Chairman's recommendation to instruct the Desk to continue aiming at a Federal funds rate in a 6-1/8 to 6-1/4 per cent area, leaning toward the lower figure. In the most recent statement week, the funds rate averaged 6.15 per cent.
(4) Treasury bill rates have changed little on balance since the August meeting, even though the Treasury continued to add significantly to the $s$ upply of bills. The 3 -month bi11 was most recently trading around 6.45 per cent. Private short-term rates, on the other hand, increased 10-15 basis points, as the demand for funds in the commercial paper market rose.
(5) Over most of the intermeeting period, yields on Treasury coupon issues edged lower, and corporate bond yields remained about unchanged, reflecting the stability of short-term rates, System purchases of coupon issues in late August, and a lull in the volume of new offerings in both sectors. Municipal yields rose to record levels during the intermeeting period as the financial problems facing New York City continued to cast a pall. However, on September 9, the New York State legislature adopted a financial plan that would avoid a near-term default on the City's outstanding securities and cover the City's cash needs through mid-December. In response, the market atmosphere improved and prices of MAC issues strengthened. Following the Treasury's September 10 announcement of its sizable cash requirements over the remainder of 1975 , however, yields in all bond markets adjusted upward. Throughout the intermeeting period, mortgage rates advanced as demands for mortgage funds expanded and lenders became more uncertain as to the cost and availability of savings funds.
(6) The Treasury indicated that it would be raising about $\$ 44$ to $\$ 47$ billion in the second half of 1975 , which is about $\$ 3-\$ 6$ billion more than previously announced. Allowing for the funds already raised since mid-year, the remaining cash need to be covered between now and year-end appears to be In the $\$ 23-\$ 26$ billion range. A substancial amount of this will be auctioned between now and the next Committee meeting. The Treasury will raise $\$ 1$ billion of new cash in the monthly 2-year note auction on September $\mathbf{1 6}$, and will offer $\$ 2$ billion of 29 -month notes on September 24. It is also likely that another $\$ 5 \frac{1}{2}$ billion will be auctioned in the note market near the time of the next Committee meeting on October 21. Meanwhile, the Treasury will also be adding to weekly and monthly bill auctions, though in the case of the weekly auctions by somewhat lesser amounts than in recent months.
(7) The table on the following page shows (in percentage annual rates of change) selected monetary and financing flows over various time periods.

|  | -5- |  | $\begin{gathered} \text { P3st } \\ \text { Six } \\ \text { Months } \end{gathered}$ | Past Three Months | Past Month |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Calendar Year | Twelve Months |  |  |  |
|  | 1974 | $\begin{aligned} & \text { Aug. } 175 \\ & \text { over } \\ & \text { Aug. } 174 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Aug. }{ }^{175} \\ & \text { over } \\ & \text { Feb. '75 } \end{aligned}$ | $\begin{aligned} & \text { Aug. }{ }^{175} \\ & \text { over } \\ & \text { May } 75 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Aug. }{ }^{\prime} 75 \\ & \text { over } \\ & \text { July } 175 \end{aligned}$ |
| Total reserves | 8.5 | -1.2 | -2.0 | -- | -14.4 |
| Nonborrowed reserves | 10.7 | 8.6 | -2.4 | -1.7 | -11.5 |
| Reserves available to support private nonbank deposits | 8.9 | -0.9 | -2.0 | 0.3 | -6.0 |
| Concepts of Money (Revised Series) |  |  |  |  |  |
| $M_{1}$ (currency plus demand deposits) $\underline{1 /}$ | 4.8 | 5.0 | 8.6 | 8.3 | 4.1 |
| $M_{2}\left(M_{1}\right.$ plus time deposits at commercial banks other than large CD's) | 7.2 | 8.6 | 11.2 | 11.3 | 6.3 |
| $M_{3}$ ( $M_{2}$ plus deposits at thrift institutions) | 6.8 | 10.6 | 14.2 | 14.2 | 9.9 |
| $M_{4}\left(M_{2}\right.$ plus CD's) | 10.6 | 6.7 | 5.8 | 5.8 | -1.1 |
| $M_{5}$ ( $M_{3}$ plus CD's) | 9.0 | 9.2 | 10.4 | 10.4 | 5.0 |
| Bank Credit |  |  |  |  |  |
| Total member bank deposits (bank credit proxy adj.) | 10.2 | 3.2 | 3.1 | 1.7 | -4.7 |
| Loans and investments of commercial banks 2/ | 9.2 | 1.8 | 4.3 | 4.3 | 6.8 |
| Short-term Market Paper |  |  |  |  |  |
| (Monthly average change in billions) |  |  |  |  |  |
| Large CD's | 2.2 | -. 5 | -2.4 | -2.5 | -4.1 |
| Nonbank commercial paper | . 4 | . 1 | -. 2 | . 1 | . 2 |
| 1/ Other than interbank and U.S. Governaent. |  |  |  |  |  |
| 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. |  |  |  |  |  |

## Praspective developments

(8) Summarized below for Comittee consideration are specifications for three alternative short-run policy courses. More detailed figures--including longer-run growth rates--are presented in the tables on pp. 6a and 6b.
Alt. A Alt. B Alt. C

| Ranges of tolerance <br> for Sept. Oct. |  |  |  |
| :---: | :---: | :---: | :---: |
| $M_{1}$ | $6 \frac{1}{2}-8 \frac{1}{2}$ | $6-8$ | $5 \frac{1}{2}-7 \frac{1}{2}$ |
| $M_{2}$ | $8-10$ | $7 \frac{1}{2}-9 \frac{1}{2}$ | $6 \frac{3}{2}-8 \frac{3}{4}$ |
| RPD | $2 \frac{1}{2}-4 \frac{1}{2}$ | $2-4$ | $1 \frac{1}{2}-3 \frac{1}{2}$ |
| Federal funds rate <br> (intermeeting range) | $5 \frac{3}{4}-7$ | $6-7 \frac{1}{2}$ | $6 \frac{1}{2}-8$ |

(9) Followiag relatively slow growth in the July-August period, In September and October $M_{1}$ is expected to expand at rates more nearly consistent with the underlying strength of transactions demands. Deposit expansion in the previous months had been dampened as the public brought deposit holdings into a more normal relationship with income and interest rates, following the sharp bulge in late spring resulting from special Treasury payments. This process now appears to tave been completed. Under alternative A --which assumes the same Federal funds rate range for the forthcoming intermeeting period as that adoyted at the last meeting- $-M_{1}$ is expected to rise ai an annual rete $i$ is the $i \frac{1}{2}-3 \frac{1}{2}$ per cent area over this and the next month on average. $M_{2}$ growth is also likely to accelerate, mainly reflecting the more rapid expinsion $2 n$ demand daposits.

Alternative Levels and Growth Rates for Key Monetary Aggregates
$\frac{M_{1}}{\text { Alt. A Alt. B } \quad \text { Alt. C }}$
$\frac{M_{2}}{\substack{\text { Alt.A } \\ \text { Alt. B }}}$
$M_{3}$
Alt.A $\quad$ Alt. B

## Levels

1975 | August |
| :--- |
| September |
| October |

1975 QII

QIII
QIV
1976

| 294.5 | 294.5 | 294.5 | 653.9 | 653.9 | 653.9 | 1064.8 | 1064.8 | 1064.8 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 296.2 | 296.1 | 296.1 | 658.6 | 658.4 | 658.2 | 1073.5 | 1073.3 | 1073.0 |
| 298.2 | 298.0 | 297.8 | 663.7 | 663.2 | 662.4 | 1082.4 | 1081.5 | 1080.3 |
|  |  |  |  |  |  |  |  |  |
| 289.1 | 289.1 | 289.1 | 637.0 | 637.0 | 637.0 | 1029.7 | 1029.7 | 1029.7 |
| 294.7 | 294.7 | 294.7 | 654.3 | 654.3 | 654.2 | 1064.8 | 1064.7 | 1064.6 |
| 300.4 | 300.2 | 299.8 | 668.9 | 667.8 | 666.5 | 1090.9 | 1088.9 | 1086.6 |
| 305.5 | 304.8 | 304.1 | 682.3 | 679.8 | 676.7 | 1113.3 | 1108.7 | 1103.4 |
| 310.2 | 308.5 | 307.3 | 694.6 | 689.6 | 684.0 | 1133.6 | 1125.2 | 1116.1 |

Growth Rates

| 1975 | September | 6.9 | 6.5 | 6.5 | 8.6 | 8.3 | 7.9 | 9.8 | 9.6 | 9.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | October | 8.1 | 7.7 | 6.9 | 9.3 | 8.7 | 7.7 | 9.9 | 9.2 | 8.2 |
|  | QIII | 7.7 | 7.7 | 7.7 | 10.9 | 10.9 | 10.8 | 13.6 | 13.6 | 13.6 |
|  | QTV | 7.7 | 7.5 | 6.9 | 8.9 | 8.3 | 7.5 | 9.8 | 9.1 | 8.3 |
| 1976 | QI | 6.8 | 6.1 | 5.7 | 8.0 | 7.2 | 6.1 | 8.2 | 7.3 | 6.2 |
|  | QII | 6.2 | 4.9 | 42 | 7.2 | 5.8 | 4.3 | 7.3 | 6.0 | 4.6 |
| QII '7 | '75-QIV '75 | 7.8 | 7.7 | 7.4 | 10.0 | 9.7 | 9.3 | 11.9 | 11.5 | 11.1 |
| QIV '7 | '75-QLI '76 | 6.5 | 5.5 | 5.1 | 7.7 | 6.5 | 5.3 | 7.8 | 6.7 | 5.4 |
| QII '7 | 75-QII '76 | 7.3 | 6.7 | 6.3 | 9.0 | 8.3 | 7.4 | 10.1 | 9.3 | 8.4 |
| MEMO |  |  |  |  |  |  |  |  |  |  |
| Commit | ttee Target |  | 5-7 $\frac{1}{2}$ |  |  | $8 \frac{1}{2}-10 \frac{1}{2}$ |  |  | 10-12 |  |

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

|  | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Levels |  |  |  |  |  |  |  |  |  |
| 1975 August | 731.9 | 731.9 | 731.9 | 1142.9 | 1142.9 | 1142.9 | 503.3 | 503.3 | 503.3 |
| September | 736.0 | 735.9 | 735.7 | 1150.9 | 1150.8 | 1150.5 | 504.6 | 504.5 | 504.4 |
| Octnber | 740.3 | 740.1 | 739.7 | 1159.0 | 1158.4 | 1157.5 | 507.2 | 507.1 | 507.0 |
| 1975 QII | 723.0 | 723.0 | 723.0 | 1115.8 | 1115.8 | 1115.8 | 503.0 | 503.0 | 503.0 |
| QIII | 733.5 | 733.5 | 733.4 | 1144.0 | 1144.0 | 1143.9 | 504.4 | 504.4 | 504.3 |
| QIV | 746.0 | 745.4 | 744.7 | 1168.0 | 1166.5 | 1164.8 | 511.2 | 510.9 | 510.6 |
| 1976 QI | 762.0 | 760.2 | 758.1 | 1193.1 | 1189.0 | 1184.9 | 520.6 | 519.5 | 518.4 |
| QII | 777.3 | 773.4 | 769.9 | 1216.3 | 1209.0 | 1202.1 | 527.9 | 525.5 | 523.8 |
| Growth Rates |  |  |  |  |  |  |  |  |  |
| 1975 September | 6.7 | 6.6 | 6.2 | 8.4 | 8.3 | 8.0 | 3.1 | 2.9 | 2.6 |
| October | 7.0 | 6.8 | 6.5 | 8.4 | 7.9 | 7.3 | 6.2 | 6.2 | 6.2 |
| QII | 5.8 | 5.8 | 5.8 | 10.1 | 10.1 | 10.1 | 1.1 | 1.1 | 1.0 |
| QIV | 6.8 | 6.5 | 6.2 | 8.4 | 7.9 | 7.3 | 5.4 | 5.2 | 5.0 |
| 1976 QI | 8.6 | 7.9 | 7.2 | 8.6 | 7.7 | 6.9 | 7.4 | 6.7 | 6.1 |
| QII | 8.0 | 6.9 | 6.2 | 7.8 | 6.7 | 5.8 | 5.6 | 4.6 | 4.2 |
| QII '75-QIV ' 75 | 6.4 | 6.2 | 6.0 | 9.4 | 9.1 | 8.8 | 3.3 | 3.1 | 3.0 |
| QIV '75-QII ' 76 | 8.4 | 7.5 | 6.8 | 8.3 | 7.3 | 6.4 | 6.5 | 5.7 | 5.2 |
| QII ' 75-QII ' 76 | 7.5 | 7.0 | 6.5 | 9.0 | 8.4 | 7.7 | 5.0 | 4.5 | 4.1 |

However, growth in consumer-type time and savihgs deposits also is expected to strengthen a iittle, at least temporarily, from its reduced August rate.
(10) If Federal funds over the next few weeks were to continue trading in the recent $6-1 / 8-6 \frac{3}{4}$ per cent range, market interest rates generally would be likely to show little further net change. Interest rates on Treasury securities--particularly bills and short-intermediate issues-have been adjusting upward recently in response to the cash need and financing package announced by the Treasury on Wednesday. Some further yield increases could occur, though, as the new securities are auctioned, with about $\$ 8 \frac{2}{2}$ billion of new cash to be raised through auctions of coupon issues between now and around the time of the next meeting.
(11) Business borrowing in the corporate bond market over the weeks ahead is likely to be at a slower rate than in the first half of this year, though picking up from the reduced August pace and still quite sizable by historical standards. The prospective volume of state and local government issues remains relatively large. The municipal market could be stabilized, for a time, by the assistance package for New York City enacted by the New York State legislature. It is possible that the period of calm may last into the fall, but there are still substantial uncertainties in the market, typified by the slow reception initially accorded the recent offering of generously priced short-term New York State issues.
(12) Given the large amount of Treasury borrowing that is being compressed into the next month or so, as well as the still sensitive
state of the municipal market, a significant rise in the Federal funds rate-for example, toward the upper end of the $5-3 / 4--7$ per cent range of alternative A-would likely lead to substantial further yield advances. Interest rate increases would be accentuated if strengthening credit demands on banks from businesses and consumers were at the same time reducing bank willingness to add to Treasury security holdings.
(13) While alternative A basically assumes little or no change in the Federal funds rate between now and the next meeting, the staff believes the funds rate would have to rise later in the fall if the monetary aggregates are to remain on track with the Committee's longerrun objectives. A funds rate in the 7-71/2 per cent area would be expected by late fall, assuming a longer-run $M_{1}$ objective characterized by $7 \frac{1}{4}$ per cent growth from QII ' 75 to QII ' 76 (the assumption of the Green Book GNP projection), with further funds rate increases anticipated in the first half of next year. Attainment of a longer-run $6 \frac{1}{4}$ per cent annual rate of growth in $M_{1}$ would be likely to require more prompt and intensive pressure on the funds market. In view of the further interest rate increases expected given either of these two $M_{1}$ growth rates, we have assumed, in working out all of the alternatives in this bluebook, a small upward adjustment in Regulation $Q$ ceilings around year-end of $\frac{1}{4}$ to $\frac{1}{2}$ percentage point on time certificates. With this assumption, longer-run $M_{2}$ growth is projected toward the low end of the Comitee's announced target range under alternative $A$.
-9~
(14) Alternative $C$ encompasses an immediate substantial tigheonimg of the money market and is characterized by a Federal funds rate range for the intermeeting period of $6 \frac{1}{2}-8$ per cent, centering on $7 \frac{1}{4}$ per cent. With growth in nonborrowed reserves more constrained, member bank borrowing under this alternative would be likely to rise to $\$ 400$ million or more, given the 6 per cent discount rate. Nonetheless, growth of $M_{1}$ in September-October would probably be reduced somewhat, to the 6-8 per cent area. Interest rates generally would rise quite sharply during the next month under this alternative, particularly given the very large Treasury financing demands described in paragraph (6). A rise in the 3-month bill rate to 3 per cent or a little above would not be unlikely, and the yield on 2-year Treasury notes could exceed 9 per cent.
(15) Such rate levels would undoubtedly divert savings flows away from banks and thrift institutions. The staff would expect the annual rate of growth in consumer-type time deposits at banks and deposits at thrift institutions to drop to around a $7-8$ per cent rate in October. Pressures on such flows would be intensified later in the fall and early next year, when further increases in the Federal funds rate would be expected.
(16) Under alternative $C$ mortgage market conditions may be expected to tighten rather promptly, with rates rising further over the next few weeks and with lenders becoming less willing to make loan commitments. Under alternative $A$, and to a certain extent under alternative $B$ (to be discussed below), strains on the mortgage market would be more delayed and less severe. The assumed adjustment in Regulation $Q$ ceilings would temper the impact of upward market rate adjustments on savings inflows to thrift institutions after year-end, but the mortgage market would still be expected to come under additional pressure next year.
(17) Alternative 8 contemplates a modest tightening of money market conditions between now and the next Comittee meeting, as indicated by the $6-3 / 4$ per cent mid-point of a $6-7 \frac{1}{2}$ per cent Federal funds rate range. As in the other alternatives, additional tightening would appear to be necessary later this year and early next year. The staff has assumed that the Federal funds rate under this alternative would probably rise to the $7 \frac{1}{2}-8$ per cent area by late fall. This particular funds rate pattern would be consistent with a one-year growth rate for $M_{1}$ between QII ' 75 and QII ' 76 of $6-3 / 4$ per cent. Given the downward revision of $\$ 1.2$ billion in the average level of $M_{1}$ in the second quarter of 1975 , such a growth rate would result in the same average level of $M_{1}$ in the second quarter of 1976 as was $\pm$ mplied by the 63 per cent growth path presented in the previous bluebook.

## Proposed directive

(18) Given below is a proposed operational paragraph if the Committee wishes to continue formulating its instructions in terms of desired growth in monetary aggregates over the months ahead. No alternatives are presented for this formulation, in the expectations that the reference to desired growth will be taken to apply to the longer-term targets and that the Committee will not be reconsidering its present 5 to $7 \frac{1}{2}$ per cent target range-with which all of the short-run operating alternatives discussed in the preceding sections are consistent--until the October meeting. "Monetary aggregates" proposal

To implement this policy, while taking 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.
(19) Should the Committee 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 account of developments in domestic and international financial markets, the Comittee seeks to aehieve MAINTAIN ABOUT THE 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 esaststent-with-wederate-grewth-in-agretayy aggregates-ever-the-werths-ahead.

## Alternative $B$

To implement this policy, while taking account of developments in domestic and international financial markets, the Committee seeks to achieve SOMEWHAT FIRMRR 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 eenststent-with-mederate-grewth-in-menctary-agsregates-over-the-menths ahead.

## Alternative C

To tmplement this policy, while taking account of developments in domestic and international financial markets, the Committee seeks to achieve FIRMER 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 conststent-with-tederate-growth-in-ruenetary-aggregatea-ever-the menths-ahead.

## RESERVES AVAILABLE TO SUPPORT PRIVATE NONBANK DEPOSITS



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

## MONETARY AGGREGATES



## MONETARY AGGREGATES



[^2]
## MONEY MARKET CONDITIONS AND INTEREST RATES



BANK RESERVES
(ACTUAL AND CURRENT PROJECTIONS)

| Period | reserves available for private mOMbANK DEPOSITS |  | AGGREGATE RESERVES |  | REQUIRED RESERVES |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | SEASONALLY ADJUSTED |  |  |  |  |  |  |
|  |  |  | Total Reserves | Nonborrowed Reserves | Total Required | Private Demand | Other Time Deposits | CD's and Nondeposits | Gov't. and Interbank |
|  | SA | NSA |  |  |  |  |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| MONTHLY LEVELS-SMILLIONS |  |  |  |  |  |  |  |  |  |
| 1975--JUNE | 32,995 | 32,734 | 34,872 | 34.645 | 34,671 | 19,799 | 8,665 | 4,330 | 1,877 |
| Jutr | 32.938 | 32,812 | 34,991 | 34,690 | 34,803 | 19,847 | 8,613 | 4.290 | 2,053 |
| SEPT. | ( $\begin{gathered}32,772 \\ (32,735)\end{gathered}$ | 32,524 $(32,548)$ | 34,571 $(34,585)$ | 34,659 $(34,359$ (34,275) | 34,372 $(34,437)$ | 19,796 $(19,874)$ | 8,665 <br> 18,698 <br> 8.749 | 4,079 $\mathbf{4 , 9 6 5 1}$ | $\left(\begin{array}{l}1,879 \\ (1,799 \\ 1,850)\end{array}\right.$ |
| PERCENT ANNUAL GROMTH |  |  |  |  |  |  |  |  |  |
| ouarterly |  |  |  |  |  |  |  |  |  |
| 1975-15T OTR. | -4.7 |  | -8.3 | -1.4 | -7.7 | -4.2 | -7.6 |  |  |
| 2N0 OTR. | -4.7 0.5 |  | -8.3 1.2 | -0.2 | -7.7 | 11.7 | -7.6 -9.2 |  |  |
| 3RD OTR. | -3.2 |  | -3.3 | -4.3 | -2.7 | 1.5 |  |  |  |
| QUARTERLY-AV |  |  |  |  |  |  |  |  |  |
| 1975-1ST QTR. |  |  | -0.9 |  | -0.7 | -3.3 |  |  |  |
| 2ND OTR. | -2.5 -1.3 |  | -3.7 -1.1 | -2.8 -2.8 | -3.6 -1.2 | 8.0 5.7 | -12.0 -1.7 |  |  |
| monthly |  |  |  |  |  |  |  |  |  |
| 1975--JUNE | 9.1 |  | 10.3 | 4.8 | 8.8 | 24.3 | -6.9 |  |  |
| July | -2.1 |  | 4.1 | 1.6 | 4.6 | 24.3 2.9 | -7.2 |  |  |
| AUEPT. | 1 $\begin{aligned} & -6.0 \\ & -1.41\end{aligned}$ |  | $\mathrm{c}^{-14.4} \mathbf{0 . 5 1}$ | -11.5 <br> -2.91 | -14.9 $2.3)$ | -3.1 4.71 | 11.8 7.01 |  |  |
| AUG.-SEPT. | $1-3.71$ |  | ( -7.0) | ( -7.21 | ( -6.3) | 10.81 | 1 9.5) |  |  |
| WEEKLY LEVELS-SMILLIONS |  |  |  |  |  |  |  |  |  |
| 2975--JuLY | 33,025 | 32,598 | 34,924 | 34,702 | 34,791 | 19,962 | 8,600 | 4.330 | 1,899 |
| 2975-Jut 16 | 32.888 | 32,766 | 34,916 | 34,714 | 34,843 | 19,866 | 8,618 | 4,330 | 2,028 |
| 23 30 | 32,7753 33,003 | 32,769 32,769 33,025 | 34,886 35,077 | 34,514 34,824 | 34,693 34,796 | 19,675 19.865 | 8,604 8,822 | 4.270 4.235 | 2,143 2,074 |
| 30 | 33,003 | 33,025 | 35,077 | 34,824 | 34,796 | 19.865 | 8,622 | 4.235 | 2,074 |
|  | 32,885 32,963 | 32,617 32,262 | 34,751 34,331 | 34,571 34.152 | 34,552 34,315 | 19,857 19,749 | 8,653 8,677 | 4,176 4.121 | 1,867 1,768 |
| 20 | 32,853 | 32,682 32,63 | 34,318 34,687 | 34,463 | 34,476 | 19,890 | 8,696 | 4,057 | 1,834 |
| 27 | 32,758 | 32,551 | 34,515 | 34.243 | 34,216 | 19,688 | 8,744 | 4.027 | 1.758 |
| SEPT. 3 | 32.852 | 32,609 | 34,613 | 34,391 | 34,292 | 19,811 | 8,727 | 3,993 | 1,761 |

mote: reserve series mave been adjusteo to remove discontinuities associated hith changes in reserve requirement ratio.
 GATA SHOWN IN PARANTHESES ARE CURRENT PROJECTIONS. AT TH
RANGE OF -1.5 TO -4.0 PERCENT FOR THE AUG.-SEPT. PERIOD.
agtual and current projections, seasonally adjusted

| Perrod | MONEY SUPPLY |  | Adjusted Credit Proxy | U S Govt Deposits | TIME AND SAVINGS DEPOSITS |  |  | Nondeposit Sources of Funds |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nartow (M1) | $\begin{aligned} & \text { Broad } \\ & \text { (M2) } \end{aligned}$ |  |  | Total | $\begin{aligned} & \text { Other } \\ & \text { Than CD's } \end{aligned}$ | CD's |  |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| MONTHLY LEVELS-SBILLIONS |  |  |  |  |  |  |  |  |
| 1975--JUNE | 294.0 | 647.3 | 507.5 | 3.8 | 437.3 | 353.3 | 84.1 | 7.0 |
| JULY | 294.5 | 851.7 | 505.3 | 2.5 | 439.3 | 357.2 | 82.1 | 6.8 |
| AUG. | 295.6 | 655.2 | 503.3 | 2.9 | 437.6 | 359.6 | 82.1 78.0 | 8.8 7.0 |
| SEPT. | (297.3) | (659.9) | (504.5) | (2.2) | (440.0) | (362.5) | (77.4) | 17.01 |
| PERCENT ANNUAL GROWTH |  |  |  |  |  |  |  |  |
| OUARTERLY |  |  |  |  |  |  |  |  |
| 1975--15T OTR. | 2.4 | 8.4 | 3.1 |  | 10.1 | 13.6 | -2.2 |  |
| 2ND OTR. | 11.0 | 13.3 | 7.5 |  | 10.1 6.8 | 15.3 | -25.4 |  |
| 3RD OTR. |  |  |  |  | 2.5 | 10.4 | -31.9 |  |
| OUARTERLY-AV |  |  |  |  |  |  |  |  |
| 1975--15T OTR. | 1.0 | 6.4 | 4.1 |  | 12.8 | 11.1 | 19.2 |  |
| 2ND QTR. | 9.0 | 11.3 | 5.2 |  | 12.8 5.3 | 13.4 | 19.2 -24.0 |  |
| 3RD OTR. | 7.6 | 10.8 | 1.1 |  | 4.6 | 13.4 | -31.6 |  |
| MONTHLY |  |  |  |  |  |  |  |  |
| 1975--JUNE | 17.8 | 18.8 | 15.1 |  | 11.6 | 19.7 | -19.6 |  |
| JuL ${ }^{\text {r }}$ | 2.0 | 8.2 | -5.2 |  | 5.5 | 13.2 | -19.6 -28.5 |  |
| AUG | 4.5 | 6.4 | -4.7 |  | -4.6 | 8.1 | -59.9 |  |
| SEPT. | 16.91 | 18.61 | 1 2.91 |  | 1 6.6.1 | 19.71 | $1-9.21$ |  |
| AUG.-SEPT. | 15.71 | 17.51 | $1-0.91$ |  | 11.01 | $18.9)$ | ( -34.3) |  |
| WEEKLY LEVELS-SBILLIONS |  |  |  |  |  |  |  |  |
| 1975--JULY $\begin{array}{r}9 \\ \\ \\ 26 \\ \\ \\ \\ \\ \\ \end{array}$ | 293.5 | 649.7 | 504.6 | 2.9 |  |  |  |  |
|  | 295.3 | 652.5 | 506.3 | 2.9 | 440.1 | 357.2 | 82.9 | 6.6 |
|  | 295.0 | 652.8 | 505.9 | 2.5 | 439.5 | 357.9 | 81.6 | 7.0 |
|  | 293.4 | 651.7 | 503.9 | 200 | 438.8 | 358.3 | 80.5 | 7.0 |
| AUG. $\begin{array}{r}6 \\ 13 \\ 20 \\ 27\end{array}$ | 295.6 | 654.2 | 503.8 | 2.7 | 438.0 | 358.6 | 79.4 | 6.8 |
|  | 294.1 | 653.7 | 502.7 | 2.5 | 438.2 | 359.5 | 78.7 | 6.8 |
|  | 294.9 | 654.4 | 503.1 | 2.7 | 437.4 | 359.5 | 77.9 | 7.1 |
|  | 297.0 | 656.7 | 504.0 | 3.1 | 436.7 | 359.7 | 77.0 | 7.3 |
| SEPT. 3 P | 296.3 | 657.3 | 504.0 | 3.6 | 438.0 | 361.0 | 77.1 | 7.1 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

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

|  | Bills Open Market Operations $1 /$ |  |  |  |  | Daily Average Regerve Effects $2 /$ |  |  | A In Reserve Categories |  | 4 Target |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \text { Bills } \\ \text { \& Accept } \\ \hline \end{array}$ | $\begin{aligned} & \text { Coupon } \\ & \text { Lssues } \end{aligned}$ | $\begin{aligned} & \text { Agency } \\ & \text { Issues } \end{aligned}$ | RP's Net | Total | Open Market Operations | $\triangle$ Member Bank Borrowing | Other 4/ Factors | Req. res. against U.S.G. and interb | available res. 5 $(6)+(7)+(8)-(9)$ | $\begin{aligned} & \text { available } \\ & \text { Feserves } 5 \text { / } \end{aligned}$ |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| 1975-Feb. | -1,015 | 316 | 295 | 714 | 309 | -1,241 | -243 | -499 | -344 | -1,627 | -670 |
| Mar. | 112 | 1,301 | 207 | -1,758 | -136 | 53 | -41 | -773 | 13 | -774 | -495 |
| Apr. | 1,319 | 1,070 | -2 | 5,442 | 7,829 | 2,229 | 4 | -1,767 | 54 | 412 | 495 |
| 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. Sept. | -371 | 274 | 313 | 1,007 | 1,222 | -1,332 | - $51 p$ | -206p | -123p | -1,466p | -45 |
| Oct. |  |  |  |  |  |  |  |  |  |  |  |
| 1975--July 2 | 15 | 624 | -1 | -4,183 | -3,545 | 1,832 | 683 | -1,740 | 345 | 430 |  |
| 9 | -192 | -- | -- | -5,357 | -5,549 | -2,692 | -649 | 2,472 | -250 | -619 |  |
| 16 | -214 | - | -- | 5,094 | 4,880 | -1,599 | -20 | 1,871 | 84 | 168 |  |
| 23 | -1,206 | - | -1 | 569 | -638 | 505 | 180 | -651 | 31 | 3 |  |
| 30 | -337 | - | -- | -300 | -637 | -128 | -129 | 358 | -155 | 256 |  |
| Aug. 6 | -382 | 966* | -- | -3,822 | -3,238** | -1,154** | -73 | 781 | -37 | 409 |  |
| 13 | -573 | -566* | -- | 2,488 | 1,349** | -1,521** | -2 | 1,134 | 36 | -425 |  |
| 20 | 5 | -399* | -- | 3,067 | 2,673** | 1,865** | 26 | -1,425 | 95 | 371 |  |
| 27 | 321 | -- | 313 | -2,632 | -1,998 | 575 | 68 | -792p | -67p | -82p |  |
| Sept. $\begin{array}{r}3 \\ 10\end{array}$ | -113 -223 | 273 | -1 -1 | 2,225 $-3,833$ | 2,384 $-4,057$ | 747 $-1,857$ | $\begin{aligned} & -50 \\ & 163 \end{aligned}$ | $\begin{array}{r} -633 p \\ 1,208 p \end{array}$ | $\begin{array}{r} 6 p \\ 31 p \end{array}$ | $\begin{array}{r} 58 p \\ -517 p \end{array}$ |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |
| 24 |  |  |  |  |  |  |  |  |  |  |  |

[^3]P- Prelifinary

TABLE 4
NET CHANGES IN SYSTEM HOLDINGS OF SECURITIES $1 /$
( $\$$ millions, not seasonally adjusted)

| Period | Treasury Billa <br> Net Change $2 /$ | Treasury Coupons |  |  |  |  | Federal Agencies |  |  |  |  | NetChangeOutrightHoldingsTotal 5/ | RP's <br> Net 6/ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Net Purchases 31 |  |  |  |  |  | Net Purchases 4/ |  |  |  |  |  |
|  |  | $\left\lvert\, \begin{aligned} & \text { Within } \\ & \text { I-year } \end{aligned}\right.$ | $1-5$ | $5-10$ | $\begin{gathered} \text { Over } \\ 10 \\ \hline \end{gathered}$ | Total | $\begin{aligned} & \text { Within } \\ & \text { 1-gear } \end{aligned}$ | 1-5 | 5-10 | $\begin{gathered} \text { Over } \\ 10 \end{gathered}$ | 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 | 1,864 | 9,273 | - $\quad 46$ |
| 1974 | 1,280 | 320 | 797 | 434 | 196 | 1,747 | 439 | 1,665 | 659 | 318 | 3,082 | 6,303 | - 154 |
| 1974--Qtr. II | 874 | 160 | 232 | 109 | 54 | 555 | 106 | 430 | 229 | 103 | 870 | 2,188 | - 358 |
| 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 |
| Qer. II | 1,086 | 218 | 1,135* | 454 | 273 | 2,079* | -- | 16 | -2 | 61 | -2 | 3,076 | 230 |
| 1975--Mar. | 115 | 19 | 620* | 451 | 212 | 1,301* | -- | 2 | 166 | 42 | 210 | 1,620 | -1,758 |
| Apr. | 1,295 | 148 | 485 | 274 | 164 | 1,070 | -- | -- | -2 | -- | -2 | 2,387 | 5,442 |
| May | 143 | 50 | -- | - | -- | 50x | - | -- | -- | -- | -- | 150 | -3,357 |
| June | - 352 | 20 | 650* | 180 | 109 | 958* | -- | -- | -- | -- | -- | 539 | -1,855 |
| July | -2,305 | -- | -75 | - | - | -- | - |  |  |  | -- | -2,304 | -623 |
| Aug. | -369 | 13 | 150 | 64 | 47 | 274 r | 41 | 229 | 49 | 34 | 353 | 216 | 1,007 |
| 1975--July 2 | 5 | 4 | 497* | 67 | 57 | 624* | -- | -- | -- | -- | -- | 638 | -4,183 |
| 9 | - 188 | -- | -- | -- | -- | -- | $\cdots$ | -- | - | -- | -- | -192 | -5,357 |
| 16 | - 208 | -- | -- | -- | -- | -- | $\cdots$ | -- | -- | -- | -- | -214 | 5,094 |
| 23 | -1,199 | -- | -- | -- | -- | - | - | -- | -- | - | - | -1,207 | 569 |
| 30 | - 337 | -- | -- | -- | -- | - | - | -- | -- | -- | -- | -337 | -300 |
| Aug. 6 | - 373 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 584 | -3,822 |
| 13 | - 565 | -- | -- | -- | -- | -- | -- | -- | - | -- | -- | -1,138 | 2,488 |
| 20 | -- | -- | -- | -- | -- | -- | -- | -- | - | -- | -- | $-1,1394$ | 3,067 |
| 27 | 312 | -- | -- | -" | -- | -- | 41 | 229 | 49 | 34 | 353 | 634 | -2,632 |
| Sept. 3 | -116 | 13 | 150 | 64 | 47 | 273 | -- | -- | -- | -- | -- | 159 | 2,225 |
| 10 | -200 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -223 | -3,833 |
| 17 24 |  |  |  |  |  |  |  |  |  |  |  |  |  |

1) Change from end-of-period to end-of-pertiod
$\frac{2 /}{3 /}$ Outright transactions in market and with foreigh accounts, and redemptions ( - ) in bill auctions,
Outright transactions in market ahd with foreign accounts and ahort-term notes acquired in exchange for maturing bills. Excludea maturity shifts, roliovers of maturing coupon issues, and direct Treasury borrowings from the System.
2) Outright transactions in market and with foreign accounts only. Excludes redemptions and maturity shifts.

In addition to net purchases of securities, also reflects changes in System holdings of bankers' acceptances, direct Treasury borrowinge from the System, and redemptions ( - ) of Agency and Treasury coupon issues.
$6 /$ Includes changes in both RP's ( + ) and matched sale-purchase transactions ( - ).
Revised to include short-terto coupons acquired in exchange for maturing bills.
rable 5
SECURITY DEALER POSITIONS AND BANK POSITIONS
(millions of dollars)


TABLE 6
SELECTED INTEREST RATES
(Per Cent)

| Period | Short-Term |  |  |  |  |  | Long-Term |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Federal <br> Funds | Treasury 8111s |  | 90-119 Day Commercial Faper | CD's New Issue-NYC |  | Asa Utility |  | Municipal Bond Buyex | U.S. Government (20-yr. Constant Maturity) | FNMA Auctions Yields |
|  |  | 90-day | 1-year |  | 60-89 Day | 90-119 Day | New <br> Issue | $\begin{array}{r} \text { Recently } \\ \text { Offered } \\ \hline \end{array}$ |  |  |  |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| 1974--H1gh | 13.55 | 9.63 | 9.54 | 12.25 | 12.25 | 12.00 | 10.61 | 10.52 | 7.15 | 8.68 | 10.59 |
| Low | 8.45 | 6.53 | 6.39 | 7.88 | 8.00 | 7.88 | 8.05 | 8.14 | 5.16 | 7.40 | 8.43 |
| 1975--High | 7.70 | 7.02 | 7.26 | 9.34 | 9.00 | 9.00 | 9.80 | 9.71 | 7.40 | 8.57 | 9.70 |
| Low | 5.13 | 5.02 | 5.46 | 5.38 | 5.25 | 5.38 | 8.89 | 9.06 | 6.27 | 7.63 | 8.78 |
| 1974--Aug. | 12.01 | 8.96 | 8.88 | 11.79 | 11.69 | 11.91 | 10.07 | 10.19 | 6.69 | 8.60 | 10.25 |
| Sept. | 11.34 | 8.06 | 8.52 | 11.36 | 11.19 | 11.38 | 10.38 | 10.30 | 6.76 | 8.60 | 10.58 |
| Oct. | 10.06 | 7.46 | 7.59 | 9.55 | 9.35 | 9.33 | 10.16 | 10.23 | 6.57 | 8.37 | 10.22 |
| Nov. | 9.45 | 7.47 | 7.29 | 8.95 | 8.78 | 8.72 | 9.21 | 9.34 | 6.61 | 7.99 | 9.87 |
| Dec. | 8.53 | 7.15 | 6.79 | 9.18 | 9.00 | 8.84 | 9.53 | 9.56 | 7.05 | 7.91 | 9.53 |
| 1975--Jan. | 7.13 | 6.26 | 6.27 | 7.39 | 7.43 | 7.45 | 9.36 | 9.45 | 6.82 | 7.88 | 9.25 |
| Feb. | 6.24 | 5.50 | 5.56 | 6.36 | 6.00 | 6.25 | 8.97 | 9.09 | 6.39 | 7.71 | 8.93 |
| Mar. | 5.54 | 5.49 | 5.70 | 6.06 | 5.88 | 6.03 | 9.35 | 9.38 | 6.74 | 7.99 | 8.82 |
| Apr | 5.49 | 5.61 | 6.40 | 6.11 | 5.85 | 6.03 | 9.67 | 9.66 | 6.94 | 8.36 | 9.06 |
| May | 5.22 | 5.23 | 5.91 | 5.70 | 5.44 | 5.63 | 9.63 | 9.65 | 6.97 | 8.22 | 9.27 |
| June | 5.55 | 5.34 | 5.86 | 5.67 | 5.34 | 5.51 | 9.20 | 9.33 | 6.94 | 8.04 | 9.09 |
| July | 6.10 | 6.13 | 6.64 | 6.32 | 6.05 | 6.25 | 9.42 | 9.43 | 7.06 | 8.17 | 9.14 |
| Aug. | 6.14 | 6.44 | 7.16 | 6.59 | 6.31 | 6.63 | 9.45 | 9.49 | 7.17 | 8.50 | 9.41 |
| Juiy 2 | 6.31 | 5.94 | 6.45 | 6.20 | 5.88 | 6.00 | 9.62 | 9.30 | 6.96 | 8.13 | 9.07 |
| ${ }^{9}$ | 6.06 | 6.06 | 6.51 | 6.28 | 6.00 | 6.13 | 9.38 | 9.45 | 6.98 | 8.16 | -- |
| 16 | 5.93 | 6.04 | 6.49 | 6.25 | 6.00 | 6.13 | 9.53 | 9.57 | 7.09 | 8.13 | 9.10 |
| 23 | 6.14 | 6.19 | 6.72 | 6.35 | 6.13 | 6.50 | 9.25 | 9.33 | 7.22 | 8.18 | 9.10 |
| 30 | 6.25 | 6.25 | 6.83 | 6.38 | 6.25 | 6.50 | 9.37 | 9.35 | 7.09 | 8.27 | 9.17 |
| Aug. 6 | 6.09 | 6.37 | 6.99 | 6.50 | 6.38 | 6.50 | 9.44 | 9.51 | 7.16 | 8.49 | -- |
| 13 | 6.08 | 6.41 | 7.15 | 6.58 | 6.25 | 6.63 | 9.43 | 9.49 | 7.17 | 8.50 | 9.32 |
| 20 | 6.15 | 6.44 | 7.23 | 6.63 | 6.25 | 6.63 | 9.53 | 9.54 | 7.18 | 8.53 | -- |
| 27 | 6.23 | 6.52 | 7.26 | 6.63 | 6.38 | 6.75 | 9.49 | 9.50 | 7.18 | 8.48 | 9.50 |
| Sept. 3 | 6.06 | 6.40 | 7.08 | 6.69 | 6.38 | 6.75 | -- | 9.41 | 7.34 | 8.47 | -- |
| 10 | 6.15 | 6.39 | 7.06 | 6.75 | 638 | 6.88 | 9.63p | 9.52p | 7.40 | 8 57p | 9.70 |
| $\begin{aligned} & 17 \\ & 24 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |
| Daily-Sept. 4 | 6.19 | 6.33 | 7.03 | 675 | -- | -- | -- | -- | -- | 8.46 | -- |
| 11 | 6.21p | 6.46 | 7.23 | 6.75 | -- | -- | -- | -- | -- | n.a. | -- |

NOTE: Weekly data for columns 1 to 4 are statement week averages of daily data. Columns 5 and 6 are one-day Wednesday quotes. Por columis 7,8 , and 10 the weekly date is the mid-point of the calendar week over which data are averaged. Columin is a one-day quote for Thursday fallowing the end of the statement week. Column 11 gives FNMA auction data for the Monday preceeding 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.


NOTES: RESERYE REQUIREMENTS ON EURODOLLAR BORROWINGS ARE IMCLUNED BEGINNING OCTOBER 16, 1969, AND REOUIREMENTS ON BANK-RELATED if BASED ON DATA ADJUSTEO FDR CHANGES IN RESERVE REQUIREMENTS.


NOTES: ADJUSTED CREDIT PROXY INC LUDES MAINLY TOTAL MEMBER BANK DEPOSITS SUBJECT TO RESERVE REOUTREMENTS, LOANS SOLD TO BANKOATA ARE DATLY AVERAGES. WEEKLY DATA ARE NOT AVAIL ABLE BANS. WEEKLY OATA ARE DAILY AVERAGES FOR STATE SOLD TO BANKTION DEPOSITS.

[^4]| Period | Currency | Demand <br> Deposits | Total <br> Time Deposits | Time Other Than CD's | Mutual Savings Bank and S \& L Shares 1 | Credit Union Shares $_{1 /}$ | CD's | Savings Bonds 15 | Short Term U.S. Gov't Securities, | Commercial Paper $1 /$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| ANMUALLY: |  |  |  | (Per | nt annual | es of E ro |  |  |  |  |
| 1972 | 8.2 | 8.9 | 15.7 | 13.5 | 16.7 | 18.0 | 31.0 | 6.1 | 0.5 | 15.0 |
| 1973 | 8.3 | 5.5 | 16.2 | 11.4 | 8.5 | 13.9 | 45.3 | 5.1 | 30.9 | 38.8 |
| 1974 | 10.2 | 3.1 | 15.1 | 9.4 | 5.6 | 11.8 | 41.5 | 4.8 | 15.7 | 3.4 |
| SEMI-AnNuALLY: |  |  |  |  |  |  |  |  |  |  |
| LST MALF 1974 | 9.7 | 5.2 | 18.6 | 10.9 | 5.9 | 13.0 | 54.9 | 4.3 | 19.2 | 12.5 |
| 2 NO HALF 1974 | 10.2 | 1.0 | 10.5 | 7.6 | 5.1 | 9.9 | 22.1 | 5.2 | 11.2 | -5.4 |
| 1St half 1975 | 9.7 | 5.8 | 8.5 | 14.7 | 16.3 | 22.5 | -13.7 | 6.1 | 2.3 | 3.5 |
| GUARTERLY: |  |  |  |  |  |  |  |  |  |  |
| 3RD OTR. 1974 | 8.0 | -1.1 | 9.1 | 7.1 | 3.1 | 7.6 | 17.2 | 5.2 | 18.2 | 25.6 |
| 4TH OTR - 1974 | 12.1 | 3.2 | 11.7 | 7.9 | 6.9 | 12.0 | 25.9 | 5.2 | 4.0 | -34.2 |
| 1ST OTR. 1975 | 9.4 | 0.2 | 10.1 | 13.6 | 13.1 | 20.4 | -2.2 | 6.4 | -7.3 | 1.0 |
| 2NO OTR. 1975 | 9.8 | 11.4 | 6.8 | 15.3 | 18.9 | 23.5 | -25.4 | 5.6 | 12.2 | 6.0 |
| OUARTERLY-AV: |  |  |  |  |  |  |  |  |  |  |
| 340 OTR. 1974 | 6.8 | 2.4 | 12.9 | 8.3 | 3.4 | 10.9 | 31.8 | 4.6 | 19.1 | 20.8 |
| 4TH OTR. 1974 | 11.6 | 1.7 | 9.7 | 8.2 | 4.9 | 10.6 | 15.2 | 5.8 | 10.8 | -9.4 |
| 1ST OTR. 1975 | 8.9 | -1.7 | 12.8 | 11.1 | 10.8 | 17.6 | 19.2 | 5.8 | -3.3 | -20.2 |
| 2HD OTR. 1975 | 9.3 | 8.9 | 5.3 | 13.4 | 17.6 | 22.5 | $-24.0$ | 5.7 | 2.0 | 8.1 |
| monthly |  |  |  |  |  |  |  |  |  |  |
| 1974--AUG | 13.0 | -3.3 | 7.1 | 8.6 | 1.8 | 9.1 | 2.9 | 3.9 | 14.4 | 31.8 |
| SEPT. OCT. | 7.3 | -1.1 | 6.8 | 4.5 | 2.9 | 9.1 | 14.3 | 5.8 | 12.2 | 19.7 |
| OCV. | 10.9 | 2.2 5.6 | 13.5 | 11.9 7.7 | 4.3 | 9.0 13.4 | 19.8 -9.7 | 5.8 5.8 | 24.1 -2.0 | 2.8 -55.3 |
| DEC. | 8.9 | 1.7 | 16.8 | 4.0 | 9.2 | 13.2 | 67.4 | 3.8 | -9.9 | -52.2 |
| 1975--JAN. | 5.3 | -13.9 | 10.9 | 15.3 | 9.9 | 17.5 | 31.9 | 7.6 | 15.9 | -15.2 |
| FEB. | 10.6 | 3.9 | 8.2 | 12.6 | 11.5 | 17.2 | -7.8 | 5.7 | -15.7 | 6.1 |
| MAR. | 12.2 | 10.6 | 3.1 | 12.5 | 17.6 | 25.4 | -30.0 | 5.7 | -21.9 | 12.2 |
| APR. | 1.7 | 5.0 | 4.7 | 10.6 | 18.4 | 20.8 | $-18.7$ | 5.6 | 20.3 | 9.1 |
| May | 12.1 | 10.5 | 3.9 | 15.0 | 17.1 | 20.4 | -39.4 | 5.6 | 0.0 | 0.0 |
| JUNE | 15.4 | 18.6 | 11.6 | 19.7 | 20.2 | 28.1 | -19.6 | 5.6 | 15.9 | 3.0 |
| Julr ${ }_{\text {Jug. }}$ | 5.1 8.4 | 1.1 3.2 | 5.5 -4.6 | 13.2 0.1 | 18.9 | 23.5 26.9 | -28.5 -59.9 | 7.4 | 9.8 | 0.0 3.0 |

MOTES: RESERVE REQUIREMENTS ON EURDDOLLAR BORROWINGS ARE TNCLUDED BEGIMNING OCTOBER 16, 1969 , AND REQUIREMENTS OM BANK-RELATEO COMMERCIAL PAPER ARE INCIUDED BEGINNING OCTOBER 1, 1970.
I/ GRONTH RATES ARE BASED ON ESTIMATED MONTHLY AVERAGE LEVELS DERIVED BY AVERAGING ENO OF CURRENT MONTH AND ENO OF PREVIOUS MONTH REPORTED DATA.
P - PREL IMTMARY.

## COMPONENTS OF MONEY STOCK AND RELATED MEASUREST

| Period | Currency | Demand <br> Deposits | Total <br> Time Deposits | Time Other Than CD's | Mutual Savings Bank and S \& L Shares id | Credit Union Shares ${ }_{1}$ | CD's | Savings Bonds $y$ | Short Term U.S Gov't Securities | Commercial Paper | Mon. deposit Funds | U S Gov't Demand |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| annually: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1972 1973 | 56.9 61.6 | 198.9 209.9 | 313.8 364.5 | 269.9 300.7 | 297.5 322.8 | 21.6 24.6 | 43.9 63.8 | 57.0 59.9 | 39.8 52.1 | 27.6 38.3 | 4.3 6.6 | 5.6 3.9 |
| MONTHLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1974--AUG。 | 65.5 | 215.0 | 405.2 | 321.5 | 334.2 | 28.5 | 83.8 | 61.7 | 50.1 | 42.6 | 9.0 | 6.2 |
| SEPT. | 65.9 | 214.8 | 407.5 | 322.7 | 335.0 | 26.7 | 84.8 | 62.0 | 59.7 | 43.3 | 8.6 | 6.3 |
| OCT. | 66.5 | 215.2 | 412.1 | 325.9 | 336.2 | 26.9 | 86.2 | 62.3 | 60.9 | 43.4 | 7.9 | 3.7 |
| NOV. | 67.4 | 216.2 | 413.5 | 328.0 | 338.2 | 27.2 | 85.5 | 62.6 | 60.8 | 41.4 | 7.6 | 4.6 |
| DEC. | 67.9 | 216.5 | 419.3 | 329.1 | 340.8 | 27.5 | 90.3 | 62.8 | 60.3 | 39.6 | 8.4 | 1.9 |
| 1975--JAN. | 68.2 | 213.4 | 426.0 | 333.2 | 343.6 |  | 92.7 |  |  |  |  | 0.7 |
| FER. | 68.7 | 213.7 | 428.8 | 336.7 | 346.9 | 28.3 | 92.1 | 83.5 | 60.3 | 39.3 | 6.5 | 0.6 |
| MAR. | 69.4 | 215.6 | 429.9 | 340.1 | 352.0 | 28.9 | 89.8 | 63.8 | 59.2 | 39.7 | 6.5 | 0.7 |
| APR. | 69.5 | 216.3 | 431.5 | 343.1 | 357.4 | 29.4 | 88.4 | 64.1 | 60.2 | 40.0 | 6.7 | 2.1 |
| mar | 70.2 | 218.3 | 432.9 | 347.4 | 362.5 | 29.9 | 85.5 | 64.4 | 60.2 | 40.2 | 7.4 | $2 \cdot 1$ |
| Juve | 71.1 | 221.9 | 437.1 | 353.1 | 368.6 | 30.6 | 84.1 | 64.7 | 61.0 | 40.3 | 7.0 | 3.8 |
| July | 71.3 | 222.1 | 439.1 | 357.0 | 374.4 | 31.2 | 82.1 | 65.1 | 61.5 | 40.3 | 6.8 | 2.5 |
| AUG. ${ }^{\text {P }}$ | 71.9 | 222.6 | 437.4 | 359.4 | 378.9 | 31.9 | 78.0 | 65.5 | 61.9 | 40.4 | 7.0 | 2.9 |
| WEEKLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1975--JULY 9 | 71.5 | 221.1 | 439.5 | 355.9 |  |  | 83.6 |  |  |  | 6.5 | 2.9 |
| 16 | 71.3 | 223.0 | 439.9 | 357.0 |  |  | 82.9 |  |  |  | 6.6 | 2.9 |
| 23 | 71.4 | 222.6 | 439.3 | 357.7 |  |  | 81.06 |  |  |  | 7.0 | 2.5 |
| 30 | 71.4 | 220.9 | 438.6 | 358.2 |  |  | 00.5 |  |  |  | 7.0 | 2.0 |
| AUG. 6 | 71.8 | 222.8 | 437.8 | 358.4 |  |  | 79.4 |  |  |  | 6.8 | 2.7 |
| 13 | 71.9 | 221.2 | 438.0 | 359.3 |  |  | 78.7 |  |  |  | 6.8 | 2.5 |
| 20 | 71.8 | 222.1 | 437.3 | 359.3 |  |  | 77.9 |  |  |  | 7.1 | 2.7 |
| 278 | 12.0 | 223.9 | 436.5 | 359.5 |  |  | 77.0 |  |  |  | 7.3 | 3.1 |
| SEPT. 3P | 72.0 | 223.2 | 437.8 | 360.8 |  |  | 77.1 |  |  |  | 7.2 | 3.6 |

## Appendix Table III

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

|  |  | $\mathrm{M}_{1}$ |  | $\mathrm{M}_{2}$ |  | $M_{3}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 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 | 2.4 | -0.3 | 8.4 | 5.8 | 10.4 | 7.8 |
|  | II | 11.0 | 8.6 | 13.3 | 11.2 | 15.6 | 13.7 |

[^5]
## Appendix Table IV

Impact of Benchmark Revisions on Money Stock Growth Rates (Seasonally adjusted, per cent annual rates)


Quarterly: end-of-quarter to end-of-quarter

| 1975 I | 2.4 | 0.8 | 8.4 | 7.6 | 10.4 | 9.9 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| II | 11.0 | 11.2 | 13.3 | 13.4 | 15.6 | 15.6 |

Quarterly average:

| 1975 I | 1.0 | -0.3 | 6.4 | 5.8 | 8.3 | 7.8 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| II | 9.0 | 8.6 | 11.3 | 11.2 | 13.8 | 13.7 |

Monthly

| 1975 Jan. | -9.3 | -11.8 | 3.9 | 2.5 | 6.5 | 5.6 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Feb. | 5.5 | 3.4 | 9.4 | 8.4 | 10.5 | 9.9 |
| Mar. | 11.0 | 11.0 | 11.8 | 11.6 | 14.0 | 13.9 |
| Apr. | 4.2 | 3.4 | 7.7 | 7.3 | 11.9 | 11.7 |
| May | 10.9 | 11.3 | 13.1 | 13.4 | 14.7 | 14.9 |
| June | 17.8 | 18.7 | 18.8 | 19.2 | 19.6 | 19.7 |
| July | 2.0 | 2.0 | 8.2 | 8.2 | 12.4 | 12.5 |
| Aug. | 4.5 | 4.1 | 6.4 | 6.3 | 9.9 | 9.8 |


[^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/ These figures do not incorporate the regular quarterly bencnmark revision of monetary aggregates that will be published this coming Thursday. The revisions (based on the April call report) lowered the rate of growth for $M_{1}$ in the first half of 1975 from 5 to 4.1 per cent. The level of $M_{1}$ was reduced by $\$ 1.3$ billion in April and by $\$ 1.2$ billion on average in the second quarter. All tables on subsequent pages of this report (with the exception of table 1 and 2 following the charts) are based on the new series. The new and old series are compared in Appendix table IV.

[^2]:    Total and nonborrowed reserve serles have been adjusted to remove discontinuitues atsociated with changes in reserve requrement ratios

[^3]:    $\frac{1}{\overline{2}}$ Represents change in System's portfolio fron 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
    $\frac{4}{5 /}$ Sum of changes in vauit 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 Aug. i Sept. reflecta the target adopted at the Aug. 19, 1975 FOMC meeting
    Target change for previous months reflects the bluebook patterns that are consistent with target ranges that were adopted during the month.

    * Spectal certificate (Direct Treasury borrowing from F.R.) $k *$ Reflects special certificate purchase.

[^4]:    $y^{\prime \prime}$ - PRELIMINAFY

[^5]:    $M=$ 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.

