## Prefatory Note

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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

Recent developments
(1) For both $M_{1}$ and $M_{2}$, current projections of FebruaryMarch growth rates are in the lower half of the Committee's operating ranges. $M_{1}$ expanded at an annual rate a little below 1 per cent in February. Growth is expected to pick up in March and expansion for the 2 months combined is projected at about a $3 \frac{1}{2}$ per cent rate. Growth of $M_{2}$ has been affected by a sharp deceleration of flows into savings deposits, and for February-March it appears to be running at about a $7 \frac{1}{4}$ per cent rate. At thrift institutions, there was also an appreciable slackening of deposit inflows during February--the latest period for which data are available. Nonborrowed reserves fell in February and are projected to decline in March, reflecting the weakness in member bank deposits that had developed in January and persisted through the end of February. 1/

Growth in Monetary Aggregates over February-March period (SAAR in per cent)

|  | Ranges | Latest Estimates |  |
| :---: | :---: | :---: | :---: |
| $M_{1}$ | 3 to 7 | 3.6 |  |
| $\mathrm{M}_{2}$ | $6 \frac{1}{2}$ to $10 \frac{1}{2}$ | 7.3 |  |
| Memorandum: <br> Federal funds rate (per cent per annum) |  | Avg, for statement week ending |  |
|  |  | Feb. 16 | 4.70 |
|  |  | 23 | 4.74 |
|  |  | Mar. 2 | 4.68 |
|  |  | 9 | 4.63 |

1/ The recent behavior of nonborrowed reserves is compared with estimates of 6 -month growth rates in nonborrowed reserves and related measures believed consistent with longer-run growth ranges for the aggregates in appendix $I$.
(2) In the weeks immediately following the February FOMC meeting, incoming data suggested that February-March growth rates in both $M_{1}$ and $M_{2}$ would be close to the midpoints of their respective ranges. Consequently, the Desk continued to aim for a Federal funds rate in the area of $4-5 / 8-4 \frac{3}{4}$ per cent. When subsequent information indicated that both aggregates were expanding at rates in the lower halves of their ranges, the Desk shaded its funds rate objective toward 4-5/8 per cent.
(3) Short-term interest rates changed little on balance over the inter-meeting period, but long-term rates rose 10 to 15 basis points. The modest rise in long rates apparently reflected the effects on market expectations of strengthening economic news. Yields in secondary mortgage markets rose in sympathy with bond rates, but rates on primary mortgages were virtually unchanged.
(4) With yields in long-term markets up after the turn of the year, offerings of new corporate bonds fell substantially in February. Partly in consequence, business demands for short-term credit expanded rapidly. Bond offerings by State and local governments were maintained at a very rapid pace in February, and during the inter-meeting period the Treasury raised about $\$ 4.1$ billion through new issues of 2- and 4-year notes.
(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.

(6) Short-run specifications for the monetary aggregates and the Federal funds rate are sumnarized below, with more detailed short-run and longer-run figures shown in the tables on pp. 5 and 6.

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

Ranges for March-April

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

(7) Assuming the Federal funds rate remains around 4-5/8 per cent--the midpoint of the alternative $B$ range--we expect $M_{1}$ growth in the March-April period to accelerate and be at an annual rate in a 5 to 9 per cent range. This pick-up in monetary growth is expected in view of the strengthening in economic activity that appears to be in process. Tax rebates are not likely to be disbursed until May, and thus will not directly influence monetary growth rates in March and April. The rebates will have a substantial effect on growth in money in the following months; alternative projections of their impact on $M_{1}$ and $M_{2}$ over the spring and summer will be shown in next month's blue book. At the moment the staff is tentatively estimating that the rebates will raise the second-quarter growth rate in $M_{1}$ (relative to what it otherwise would be) by about 2 percentage points, and lower the third-quarter rate by about the same amount. (Such estimated impacts are included in the tables on pages 5 and 6.)
(8) Growth in time deposits other than large $C D$ 's is expected to continue at about the recent reduced pace. The rise in yields on

## Alternative Leve1s and Growth Rates for Key Monetary Aggregates

|  |  | $\mathrm{M}_{1}$ |  |  | $\mathrm{M}_{2}$ |  |  | $\mathrm{M}_{3}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C |
| 1977 | February | 313.8 | 313.8 | 313.8 | 749.5 | 749.5 | 749.5 | 1257.4 | 1257.4 | 1257.4 |
|  | March | 315.5 | 315.5 | 315.5 | 754.5 | 754.5 | 754.5 | 1266.8 | 1266.8 | 1266.8 |
|  | April | 317.7 | 317.5 | 317.3 | 761.1 | 760.5 | 759.9 | 1278.4 | 1277.6 | 1276.8 |
| 1976 | QIII | 306.0 | 306.0 | 306.0 | 710.7 | 710.7 | 710.7 | 1181.7 | 1181.7 | 1181.7 |
|  | QIV | 310.8 | 310.8 | 310.8 | 732.5 | 732.5 | 732.5 | 1223.9 | 1223.9 | 1223.9 |
| 1977 | QI | 314.3 | 314.3 | 314.3 | 749.8 | 749.8 | 749.8 | 1257.5 | 1257.5 | 1257.5 |
|  | QII | 321.0 | 320.6 | 320.2 | 770.1 | 768.9 | 767.7 | 1292.9 | 1291.1 | 1289.3 |
|  | QIII | 324.6 | 324.2 | 323.8 | 784.8 | 783.8 | 781.8 | 1321.4 | 1320.0 | 1316.9 |
|  | QIV | 327.9 | 327.9 | 327.9 | 796.7 | 797.3 | 797.2 | 1344.0 | 1344.7 | 1345.2 |
| Growth Rates |  |  |  |  |  |  |  |  |  |  |
| Monthly: |  |  |  |  |  |  |  |  |  |  |
| 1977 | March | 6.5 | 6.5 | 6.5 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 |
|  | April | 8.4 | 7.6 | 6.8 | 10.5 | 9.5 | 8.6 | 11.0 | 10.2 | 9.5 |
| Quarterly Average: |  |  |  |  |  |  |  |  |  |  |
| 1976 | QIV | 6.3 | 6.3 | 6.3 | 12.3 | 12.3 | 12.3 | 14.3 | 14.3 | 14.3 |
| 1977 | QI | 4.5 | 4.5 | 4.5 | 9.4 | 9.4 | 9.4 | 11.0 | 11.0 | 11.0 |
|  | QII | 8.5 | 8.0 | 7.5 | 10.8 | 10.2 | 9.5 | 11.3 | 10.7 | 10.1 |
|  | QIII | 4.5 | 4.5 | 4.5 | 7.6 | 7.8 | 7.3 | 8.8 | 9.0 | 8.6 |
|  | QIV | 4.1 | 4.6 | 5.1 | 6.9 | 6.9 | 7.9 | 6.8 | 7.5 | 8.6 |
| Semi-annual |  |  |  |  |  |  |  |  |  |  |
| QIV | 76-QII '77 | 6.6 | 6.3 | 6.0 | 10.3 | 9.9 | 9.6 | 11.3 | 11.0 | 10.7 |
| QII | 77-QIV '77 | 4.3 | 4.6 | 4.8 | 6.9 | 7.4 | 7.7 | 7.9 | 8.3 | 8.7 |
| Annual |  |  |  |  |  |  |  |  |  |  |
| QIV | 76-QIV '77 | 5.5 | 5.5 | 5.5 | 8.8 | 8.8 | 8.8 | 9.8 | 9.9 | 9.9 |
| $\frac{\text { FOMC }}{\text { QIII }} 7$ |  |  | 4 $\frac{1}{2}-6 \frac{1}{2}$ |  |  | 7-10 |  |  | $8 \frac{1}{2}-11 \frac{1}{2}$ |  |

Growth Rates
Monthly:

|  |  | $\mathrm{M}_{1}$ |  |  | $\mathrm{M}_{2}$ |  |  | $\mathrm{M}_{3}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C |
| 1977 | February | 313.8 | 313.8 | 313.8 | 749.5 | 749.5 | 749.5 | 1257.4 | 1257.4 | 1257.4 |
|  | March | 315.5 | 315.5 | 315.5 | 754.5 | 754.5 | 754.5 | 1266.8 | 1266.8 | 1266.8 |
|  | April | 317.7 | 317.5 | 317.3 | 761.1 | 760.5 | 759.9 | 1278.4 | 1277.6 | 1276.8 |
| 1976 | QIII | 306.0 | 306.0 | 306.0 | 710.7 | 710.7 | 710.7 | 1181.7 | 1181.7 | 1181.7 |
|  | QIV | 310.8 | 310.8 | 310.8 | 732.5 | 732.5 | 732.5 | 1223.9 | 1223.9 | 1223.9 |
| 1977 | QI | 314.3 | 314.3 | 314.3 | 749.8 | 749.8 | 749.8 | 1257.5 | 1257.5 | 1257.5 |
|  | QII | 321.0 | 320.6 | 320.2 | 770.1 | 768.9 | 767.7 | 1292.9 | 1291.1 | 1289.3 |
|  | QIII | 324.6 | 324.2 | 323.8 | 784.8 | 783.8 | 781.8 | 1321.4 | 1320.0 | 1316.9 |
|  | QIV | 327.9 | 327.9 | 327.9 | 796.7 | 797.3 | 797.2 | 1344.0 | 1344.7 | 1345.2 |
| Growth Rates |  |  |  |  |  |  |  |  |  |  |
| Monthly: |  |  |  |  |  |  |  |  |  |  |
| 1977 | March | 6.5 | 6.5 | 6.5 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 |
|  | April | 8.4 | 7.6 | 6.8 | 10.5 | 9.5 | 8.6 | 11.0 | 10.2 | 9.5 |
| Quarterly Average: |  |  |  |  |  |  |  |  |  |  |
| 1976 | QIV | 6.3 | 6.3 | 6.3 | 12.3 | 12.3 | 12.3 | 14.3 | 14.3 | 14.3 |
| 1977 | QI | 4.5 | 4.5 | 4.5 | 9.4 | 9.4 | 9.4 | 11.0 | 11.0 | 11.0 |
|  | QII | 8.5 | 8.0 | 7.5 | 10.8 | 10.2 | 9.5 | 11.3 | 10.7 | 10.1 |
|  | QIII | 4.5 | 4.5 | 4.5 | 7.6 | 7.8 | 7.3 | 8.8 | 9.0 | 8.6 |
|  | QIV | 4.1 | 4.6 | 5.1 | 6.9 | 6.9 | 7.9 | 6.8 | 7.5 | 8.6 |
| Semi-annual |  |  |  |  |  |  |  |  |  |  |
| QIV | 76-QII '77 | 6.6 | 6.3 | 6.0 | 10.3 | 9.9 | 9.6 | 11.3 | 11.0 | 10.7 |
| QII | '77-QIV '77 | 4.3 | 4.6 | 4.8 | 6.9 | 7.4 | 7.7 | 7.9 | 8.3 | 8.7 |
| Annual |  |  |  |  |  |  |  |  |  |  |
| QIV | '76-QIV'77 | 5.5 | 5.5 | 5.5 | 8.8 | 8.8 | 8.8 | 9.8 | 9.9 | 9.9 |
| $\frac{\text { FOMC }}{\text { QIII }} 7$ |  |  | 4 $\frac{1}{2}-6 \frac{1}{2}$ |  |  | 7-10 |  |  | $8 \frac{1}{2}-11 \frac{1}{2}$ |  |

1977 March
April
Quarterly Average:

|  |  | $\mathrm{M}_{1}$ |  |  | $\mathrm{M}_{2}$ |  |  | $\mathrm{M}_{3}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C |
| 1977 | February | 313.8 | 313.8 | 313.8 | 749.5 | 749.5 | 749.5 | 1257.4 | 1257.4 | 1257.4 |
|  | March | 315.5 | 315.5 | 315.5 | 754.5 | 754.5 | 754.5 | 1266.8 | 1266.8 | 1266.8 |
|  | April | 317.7 | 317.5 | 317.3 | 761.1 | 760.5 | 759.9 | 1278.4 | 1277.6 | 1276.8 |
| 1976 | QIII | 306.0 | 306.0 | 306.0 | 710.7 | 710.7 | 710.7 | 1181.7 | 1181.7 | 1181.7 |
|  | QIV | 310.8 | 310.8 | 310.8 | 732.5 | 732.5 | 732.5 | 1223.9 | 1223.9 | 1223.9 |
| 1977 | QI | 314.3 | 314.3 | 314.3 | 749.8 | 749.8 | 749.8 | 1257.5 | 1257.5 | 1257.5 |
|  | QII | 321.0 | 320.6 | 320.2 | 770.1 | 768.9 | 767.7 | 1292.9 | 1291.1 | 1289.3 |
|  | QIII | 324.6 | 324.2 | 323.8 | 784.8 | 783.8 | 781.8 | 1321.4 | 1320.0 | 1316.9 |
|  | QIV | 327.9 | 327.9 | 327.9 | 796.7 | 797.3 | 797.2 | 1344.0 | 1344.7 | 1345.2 |
| Growth Rates |  |  |  |  |  |  |  |  |  |  |
| Monthly: |  |  |  |  |  |  |  |  |  |  |
| 1977 | March | 6.5 | 6.5 | 6.5 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 |
|  | April | 8.4 | 7.6 | 6.8 | 10.5 | 9.5 | 8.6 | 11.0 | 10.2 | 9.5 |
| Quarterly Average: |  |  |  |  |  |  |  |  |  |  |
| 1976 | QIV | 6.3 | 6.3 | 6.3 | 12.3 | 12.3 | 12.3 | 14.3 | 14.3 | 14.3 |
| 1977 | QI | 4.5 | 4.5 | 4.5 | 9.4 | 9.4 | 9.4 | 11.0 | 11.0 | 11.0 |
|  | QII | 8.5 | 8.0 | 7.5 | 10.8 | 10.2 | 9.5 | 11.3 | 10.7 | 10.1 |
|  | QIII | 4.5 | 4.5 | 4.5 | 7.6 | 7.8 | 7.3 | 8.8 | 9.0 | 8.6 |
|  | QIV | 4.1 | 4.6 | 5.1 | 6.9 | 6.9 | 7.9 | 6.8 | 7.5 | 8.6 |
| Semi-annual |  |  |  |  |  |  |  |  |  |  |
| QIV | 76-QII '77 | 6.6 | 6.3 | 6.0 | 10.3 | 9.9 | 9.6 | 11.3 | 11.0 | 10.7 |
| QII | 77-QIV '77 | 4.3 | 4.6 | 4.8 | 6.9 | 7.4 | 7.7 | 7.9 | 8.3 | 8.7 |
| Annual |  |  |  |  |  |  |  |  |  |  |
| QIV | 76-QIV '77 | 5.5 | 5.5 | 5.5 | 8.8 | 8.8 | 8.8 | 9.8 | 9.9 | 9.9 |
| $\frac{\text { FOMC }}{\text { QIII }} 7$ |  |  | 4 $\frac{1}{2}-6 \frac{1}{2}$ |  |  | 7-10 |  |  | $8 \frac{1}{2}-11 \frac{1}{2}$ |  |

Annual
QIV '76-QIV '77
FOMC 1onger-run range
QIII 76-QIV 177

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

|  |  | $\mathrm{M}_{4}$ |  |  | $\mathrm{M}_{5}$ |  |  | Credit Proxy |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C |
| 1977 | February | 812.8 | 812.8 | 812.8 | 1320.7 | 1320.7 | 1320.7 | 539.6 | 539.6 | 539.6 |
|  | March | 816.7 | 813.7 | 816.7 | 1329.0 | 1329.0 | 1329.0 | 542.2 | 542.2 | 542.2 |
|  | April | 823.5 | 823.1 | 822.7 | 1340.8 | 1340.2 | 1339.6 | 546.4 | 546.2 | 546.0 |
| 1976 | QIII | 776.4 | 776.4 | 776.4 | 1247.4 | 1247.4 | 1247.4 | 523.3 | 523.3 | 523.3 |
|  | QIV | 795.1 | 795.1 | 795.1 | 1286.5 | 1286.5 | 1286.5 | 534.1 | 534.1 | 534.1 |
| 1977 | QI | 812.6 | 812.6 | 812.6 | 1320.4 | 1320.4 | 1320.4 | 540.9 | 540.9 | 540.9 |
|  | QII | 832.8 | 832.0 | 831.2 | 1355.6 | 1354.2 | 1352.8 | 552.6 | 552.2 | 551.8 |
|  | QIII | 849.3 | 848.5 | 847.2 | 1385.9 | 1384.6 | 1382.4 | 566.4 | 565.8 | 565.2 |
|  | QIV | 863.8 | 864.0 | 862.5 | 1411.1 | 1411.3 | 1410.5 | 577.6 | 577.5 | 576.1 |
| Growth Rates |  |  |  |  |  |  |  |  |  |  |
| Monthly: |  |  |  |  |  |  |  |  |  |  |
| 1977 | March | 5.8 | 5.8 | 5.8 | 7.5 | 7.5 | 7.5 | 5.8 | 5.8 | 5.8 |
|  | April | 10.0 | 9.4 | 8.8 | 10.7 | 10.1 | 9.6 | 9.3 | 8.9 | 8.4 |
| Quarterly Averages: |  |  |  |  |  |  |  |  |  |  |
| 1976 | QIV | 9.6 | 9.6 | 9.6 | 12.5 | 12.5 | 12.5 | 8.3 | 8.3 | 8.3 |
| 1977 | QI | 8.8 | 8.8 | 8.8 | 10.5 | 10.5 | 10.5 | 5.1 | 5.1 | 5.1 |
|  | QII | 9.9 | 9.5 | 9.2 | 10.7 | 10.2 | 9.8 | 8.7 | 8.4 | 8.1 |
|  | QIII | 7.9 | 7.9 | 7.7 | 8.9 | 9.0 | 8.8 | 10.0 | 9.9 | 9.7 |
|  | QIV | 6.8 | 7.3 | 7.2 | 7.3 | 7.7 | 8.1 | 7.9 | 8.3 | 7.7 |
| Semi-annual |  |  |  |  |  |  |  |  |  |  |
| QIV | 76-QII '77 | 9.5 | 9.3 | 9.1 | 10.7 | 10.5 | 10.3 | 6.9 | 6.8 | 6.6 |
| QII ' | 77-QIV '77 | 7.4 | 7.7 | 7.5 | 8.2 | 8.4 | 8.5 | 9.0 | 9.2 | 8.8 |
| Annual |  |  |  |  |  |  |  |  |  |  |
| QIV ' | 76-QIV '77 | 8.6 | 8.7 | 8.5 | 9.7 | 9.7 | 9.6 | 8.1 | 8.1 | 7.9 |

intermediate-term Treasury issues has increased the attractiveness of market instruments relative to time deposits, especially in view of earlier rate-cutting by some commercial banks. Growth in $M_{2}$ over the March-April period under current money market conditions is expected to move up in a $7-11$ per cent annual rate range, however, because of the strengthening anticipated in $M_{1}$ growth.
(9) Credit demands over the next few weeks are likely to be sizable. The forward calendars suggest that new corporate bond offerings in March will be substantially above the reduced February pace and that municipal bond offerings will continue large. In addition, the Treasury is expected to raise about $\$ 6$ to 9 billion in new cash between now and the mid-April tax date, although over half of these funds will probably be raised through short-term cash management bills. Business loan demands at banks are expected to remain moderately strong, but the net increase in loans outstanding may be held down in the next few weeks as proceeds of capital market financing are used to pay off earlier bank loans associated with advance refundings.
(10) Given stability in the funds rate, the large near-term credit demands are likely to be financed with only slight, if any, upward pressure on other interest rates over the next few weeks. Stronger upward rate pressures might emerge if favorable economic news and sharply rising money supply figures turned bond market participants bearish. Over the longer run, in any event, the staff expects that interest rates, particularly short-term rates, would have to rise significantly further if growth in the monetary aggregates over the QIV'76-QIV'77 period is
to be kept within the ranges adopted by the Committee. Appendix tables II and III show longer-run projections for the Federal funds rate and the velocity of money under each of the three alternatives.
(11) Alternatives A and C contemplate an easing and tightening of the money market, respectively. A decline in the funds rate to the midpoint of the $3 \frac{3}{4}$ to $4 \frac{1}{2}$ per cent alternative A range could be accompanied by relatively modest reductions in other interest rates, if market participants were to view such a decline as temporary in light of the recent indications of strengthening economic activity. Rate declines would be most pronounced in the very short-term area. A rise in the funds rate, as under alternative $C$, could be accompanied by fairly substantial upward adjustments in short-term rates--of about 50 basis points or so. Increases in intermediate- and longer-term rates might be more modest, in view of rate increases that have already occurred in that area and the current relatively light dealer positions.
(12) The decline in the funds rate under alternative A would probably have to be reversed shortly if the Committee is to attain growth rates in the aggregates within its longer-run ranges. The easing of the money market would generate more rapid growth in the aggregates over the next few months than under alternative $B$, and higher interest rates would be required later in the year to restrain growth. The tightening of the money market under alternative $C$ would introduce monetary restraint earlier in the year and hence would require less of a rise in interest rates by year-end than either alternative $A$ or $B$.

## Directive language

(13) Given below are alternatives for the operational
paragraphs of the directive. The first formulation, like the directive adopted at the last meeting, places main emphasis on near-term rates of growth in monetary aggregates; it shows--in strike-through form--the specifications adopted at the last meeting. The second formulation places main emphasis on money market conditions. As suggested below, the particular language needed in the opening lines would depend on the specific conditions sought; the three alternatives shown--calling, respectively, for somewhat easier, prevailing, and somewhat firmer money market conditions--are intended to be associated with the specifications discussed in the preceding section under alternatives A, B, and C.

## "Monetary Aggregates" formulation

The Committee seeks to encourage near-term rates of growth in $M_{1}$ and $M_{2}$ on a path believed to be reasonably consistent with the longer-run ranges for monetary aggregates cited in the preceding paragraph. Specifically, at present, it expects the annual growth rates over the FebruaryMareh MARCH-APRIL period to be within the ranges of 3-te-7 ___ to $\qquad$
 judgment of the Committee such growth rates are likely to be associated with a weekly average Federal funds rate of about $4-5+8-t e-4 \frac{3}{4}$ ___ per cent. If, giving approximately equal weight to $M_{1}$ and $M_{2}$, it appears that growth rates over the 2 -month period will deviate significantly
from the midpoints of the indicated ranges, the operational objective for the Federal funds rate shall be modified in an orderly fashion within a range of $\qquad$ to $\qquad$ per cent.

If it appears during the period before the next meeting that the operating constraints specified above are proving to be significantly inconsistent, the Manager is promptly to notify the Chairman who will then decide whether the situation calls for supplementary instructions from the Committee.

## "Money Market" formulation

At this time, the Committee seeks to maintain about the prevailing money market conditions (or to achieve somewhat easier or somewhat firmer money market conditions) during the period immediately ahead, provided that monetary aggregates appear to be growing at approximately the rates currently expected, which are believed to be on a path reasonably consistent with the longer-run ranges for monetary aggregates cited in the preceding paragraph. Specifically, the Committee seeks to maintain the weekly average Federal funds rate at about $\qquad$ per cent, so long as $M_{1}$ and $M_{2}$ appear to be growing over the March-April period at annual rates within ranges of ___ to ___ per cent and ___ to ___ per cent, respectively. If, giving approximately equal weight to $M_{1}$ and $M_{2}$, it appears that growth rates over the 2 -month period are approaching or moving beyond the limits of the indicated ranges, the operational objective for the weekly average Federal funds rate shall be modified in an orderly fashion within a range of $\qquad$ to per cent.

If it appears during the period before the next meeting that the operating constraints specified above are proving to be significantly inconsistent, the Manager is promptly to notify the Chairman who will then decide whether the situation calls for supplementary instructions from the Comittee.

## Appendix I

Expansion in Reserves Over the Period
From QIV '76 to QII ' 77 Consistent
With Proposed Alternatives
(Seas. adj. annual rates)

Alt. A Alt. B Alt. C

| Nonborrowed Reserves | 4.1 | 3.6 | 2.9 |
| :--- | :--- | :--- | :--- |
| Total Reserves | 4.4 | 4.2 | 4.1 |
| Monetary Base | 7.5 | 7.5 | 7.4 |

Growth in both nonborrowed and total reserves from the fourth quarter of 1976 to the first quarter of this year is estimated at about a 2.5 per cent annual rate, below the longer-run growth rates for reserve aggregates shown in the table above. Over the same period, the monetary base grew at a 7.0 per cent annual rate, near the longer-run growth rate expected for this measure. Reserves are expected to grow more rapidly in the second quarter. In that period, required reserves will increase sharply because of a temporary increase in the public's holdings of reservable deposits resulting from the proposed tax rebates and social security payments.

Appendix II

## Projected Federal Funds Rate, 1977

| Alt. A | Alt. B |
| :--- | :--- |
| $4-5 / 8$ | Alt. C |
| $4 \frac{3}{2}$ |  |

QI
$4 \frac{1}{2}$
4-5/8
4雰

QII
5
$5 \frac{1}{4}$
$5 \frac{1}{2}$

QIII
6
6
6

QIV
$6 \frac{3}{4}$
$6 \frac{1}{2}$
6

Appendix III

Implied Velocity Growth Rates

| $\mathrm{V}_{1} \xrightarrow{\left(G N P / M_{1} 2\right.}$ |  | Alt. A | Alt. B | Alt. C |
| :---: | :---: | :---: | :---: | :---: |
| 1977 | I | 5.4 | 5.4 | 5.4 |
|  | II | 4.9 | 5.3 | 5.8 |
|  | III | 7.2 | 7.2 | 7.2 |
|  | IV | 8.3 | 7.8 | 7.4 |
| $\mathrm{V}_{2}-\left(\mathrm{GNP} / \mathrm{M}_{2} 2\right.$ |  |  |  |  |
| 1977 | I | 0.5 | 0.5 | 0.5 |
|  | II | 2.7 | 3.2 | 3.9 |
|  | III | 4.0 | 4.0 | 4.3 |
|  | IV | 6.4 | 5.6 | 4.6 |

## MONETARY AGGREGATES



## MONETARY AGGREGATES



## MONEY MARKET CONDITIONS AND INTEREST RATES



MONETARY AGGREGATES
actual and current projections, seasonally adjusted


Note: data shown in parentheses are current projections.
1/ INCLUDES TREASURY DEPOSITS AT MEMBER BANKS AND FEDERAL RESERVE BANKS.
1/ INCLUDES TRE

BANK RESERVES
aCtual and cunarent projections, seasonally adjusted

| Period | DANK REsERVEs |  |  | REQUIRED RESERVES |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total Reserves | Nonborrowed Reserves | $\begin{gathered} \text { Monetary } \\ \text { Base } \end{gathered}$ | Total Required | Private Demand | Total Time Deposits | Gov't. and Interbank |
| MONTHLY LEVELS-SMILLIONS | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| $\begin{aligned} & \text { 1976-DEC. } \\ & \text { 1977-JAN. } \\ & \text { FEB. } \\ & \text { MAR. } \end{aligned}$ | $\begin{array}{r} 34,465 \\ 34 ; 778 \\ 34,410 \\ (34,241) \end{array}$ | $\begin{gathered} 34,412 \\ 34,710 \\ 34,339 \\ (34,206) \end{gathered}$ | $\begin{gathered} 118,051 \\ 119,102 \\ 119,094 \\ 1119,546) \end{gathered}$ | $\begin{aligned} & 34,191 \\ & 34,512 \\ & 34,197 \\ & (34,006) \end{aligned}$ | $\begin{gathered} 20,216 \\ 20,634 \\ 20,416 \\ 120,3211 \end{gathered}$ | $\begin{aligned} & 11,916 \\ & 12,044 \\ & 12,058 \\ & (12,140) \end{aligned}$ | $\begin{array}{r} 4,059 \\ 1,833 \\ 1,723 \\ 1,5451 \end{array}$ |
| $\frac{\text { PERCENT ANNUAL GROWTH }}{\text { QUARTERLY }}$ |  |  |  |  |  |  |  |
| 1976-3RD OTR. 4TH QTR. 1977-15T OTR. | 0.6 7.6 -2.61 | 1.3 <br> 7.7 <br> -2.4 | $\begin{aligned} & 6.1 \\ & 8.0 \\ & 5.11 \end{aligned}$ | 0.7 6.8 -2.25 | 3.8 1.8 1.6 2.11 | $\begin{array}{r} -5.2 \\ 8.0 \\ 7.51 \end{array}$ |  |
| QUARTERLYAV |  |  |  |  |  |  |  |
| 1976-3RD OTR. 4TH OTR. 1977-1ST QTR. | 2.7 <br> 4.4 <br> 2.51 | $\begin{aligned} & 2.6 \\ & 4.8 \\ & (2.7) \end{aligned}$ | $\begin{aligned} & 6.3 \\ & 7.1 \\ & (\quad 6.8) \end{aligned}$ | 2.4 4.0 ( 2.71 | 3.0 3.2 4.53 | -0.7 -0.7 9.71 |  |
| MONTHLY |  |  |  |  |  |  |  |
| $\begin{aligned} & 1976-\text { DEC. } \\ & 1977-\text { JAN. } \\ & \text { FEB. } \\ & \text { MAR } \end{aligned}$ | $\begin{array}{r} 4.9 \\ 10.9 \\ -12.7 \\ 1-5.91 \end{array}$ | $\begin{array}{r} 5.6 \\ 10.4 \\ -12.8 \\ (-4.6) \end{array}$ | $\begin{array}{r} 7.7 \\ 10.7 \\ (-0.1 \\ 4.6) \end{array}$ | $\begin{array}{r} 4.3 \\ 11.3 \\ -11.0 \\ -6.7) \end{array}$ | -6.8 24.8 -12.7 $-5.6)$ | 16.0 12.9 1.4 18.21 |  |
| FEB. MAR. <br> WEEKLY LEVELS-SMILLIONS | ( -9.3) | ( -0.7) | (2.2) | $(-8.8)$ | ( -9.1) | 14.81 |  |
| 1977-FES.2 <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br>  | $\begin{aligned} & 34,561 \\ & 34,545 \\ & 34,437 \\ & 34,248 \end{aligned}$ | $\begin{aligned} & 34,475 \\ & 34,470 \\ & 34,308 \\ & 34,211 \end{aligned}$ | $\begin{aligned} & 119,067 \\ & 118,879 \\ & 119,010 \\ & 119,282 \end{aligned}$ | $\begin{aligned} & 34,431 \\ & 34,289 \\ & 34,273 \\ & 33,968 \end{aligned}$ | $\begin{aligned} & 20,514 \\ & 20,261 \\ & 20,452 \\ & 20,419 \end{aligned}$ | $\begin{aligned} & 11,994 \\ & 12,018 \\ & 12,016 \\ & 12,102 \end{aligned}$ | $\begin{aligned} & 1,923 \\ & 2,010 \\ & 1,805 \\ & 1,440 \end{aligned}$ |
| $\text { MAR . } \quad 2$ | $\begin{aligned} & 34,351 \\ & 34,064 \end{aligned}$ | $\begin{aligned} & 34 \cdot 321 \\ & 34,044 \end{aligned}$ | $\begin{aligned} & 119,258 \\ & 118,615 \end{aligned}$ | $\begin{aligned} & 34,189 \\ & 33,774 \end{aligned}$ | $\begin{aligned} & 20,539 \\ & 20,289 \end{aligned}$ | $\begin{aligned} & 12,139 \\ & 12,114 \end{aligned}$ | $\begin{aligned} & 1,511 \\ & 1,305 \end{aligned}$ |

MOTE: RESERVE SERIES HAVE BEEN ADJUSTEO TO REMOVE DISCONTINUITIES ASSOCIATED WITH CHANGES IN RESERVE REQUIREMENT RATIO. DATA SHDNA IN PARENTHESES ARE CURRENT PRDECTIONS.

TABLE 3
NET CHANGES IN SYSTEM HOLDINGS OF SECURITIES $1 /$ (\$ millions, not seasonally adjusted)

CONFIDEATIAL (FR)
CLASS II - FOMC
MARCH 11, 1977


[^1]table 4
SECURITY DEALER POSITIONS AND BANK POSITIONS
(millions of dollars)

CONFIDENTIAL (FR)
CLASS II - FOMC
MARCH 11, 1977

|  | U. S. Govt. Security Dealer Positions |  | Underwriting Syndicate Positions |  | Member Bank Reserve Positions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Borrowing at FRB** | Basic Reserve Deficit |  |
|  | Bills | Coupon Issues |  |  | Corporate Bonds | $\begin{gathered} \text { Municipal } \\ \text { Bonds } \end{gathered}$ | Excess** Reserves | rotal | Seasonal | 8 New York | 38 Others |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| 1975--High | 7,029 1,586 | 2,845 253 | 464 0 | 389 48 | 804 -42 | 609 17 | 74 5 | $-7,387$ $-1,757$ | $-11,632$ $-7,207$ |
| 1976--High | 8,896 | 3,046 | 334 | 343 | 655 | 242 | 34 | -8,161 | -12,744 |
| Low | 3,668 | 175 | 0 | 34 | -180 | 24 | 8 | -2,367 | - 6,908 |
| 1976--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. | 5,570 | 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 | 207 | 100 | 31 | -4,624 | - 9,691 |
| Sept. | 7,838 | 1,509 | 95 | 172 | 205 | 63 | 31 | -5,703 | - 9,716 |
| Oct. | 6,271 | 1,832 | 94 | 258 | 221 | 94 | 32 | -6,428 | -10,527 |
| Nov. | 6,876 | 2,418 | 79 | 217 | 257 | 72 | 22 | -6,289 | -11,618 |
| Dec. | 8,005 | 2,443 | 145 | 167 | 274 | 53 | 13 | -7,168 | -11,449 |
| 1977--Jan. | 6,406 | 2,320 | 82 | 202 | 265 | 68 | 10 | -6,421 | -11,504 |
| Feb. | *4,450 | *1,605 | 72 | 226 | 212p | 72p | 10p | -5,604 | -11,503 |
| 1977-Jan. 5 | 7,123 | 3,017 | 26 | 188 | 513 | 31 | 8 | -6,719 | - 9,656 |
| 12 | 7,141 | 2,680 | 59 | 195 | 404 | 20 | 10 | -8,742 | -12,483 |
| 19 | 7,234 | 1,958 | 91 | 222 | -111 | 109 | 10 | -7,244 | -12,993 |
| 26 | 5,917 | 2,243 | 152 | 204 | 424 | 89 | 9 | -5,490 | -10,913 |
|  | 3,720 | 1,694 | 70 | 139 | 130 | 86 | 11 | -4,293 | - 9,905 |
| 9 | 4,371 | 2,385 | 55 | 204 | 256 | 75 | 12 | -5,680 | -12,294 |
| 16 | *4,583 | *1,623 | 17 | 228 | 164 | 129 | 13 | -6,288 | -11,482 |
| 23 | *5,098 | *969 | 147 | 333 | 280p | 37p | ${ }^{11 p}$ | -5,589 | -11,090 |
| Mar. 2 | *4,232 | *913 | 63 | 155 | 162p | 30p | 12p | -4,741p | -10,930p |
| Mar. 9 | *5,174 | *354 | 210p | 120 p | 294p | 20p | 12p | -6,334p | -11,083p |
| 16 |  |  |  |  |  |  |  |  |  |
| 23 |  |  |  |  |  |  |  |  |  |
| 30 |  |  |  |  |  |  |  |  |  | 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 still in syndicate, excluding trading positions. The basic reserve deficit is excess reserves less borrowing at Federal Reserve less net federal funds purchases. Weekly data are daily averages for statement weeks, except for corporate and municipal issues in syndicate wich are Friday figures.

* STRictly Confidential
** Monchly averages for excess reserve and borrowings are weighted averages of statement week figures,

|  | Short-term |  |  |  |  |  | Long-term |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Federal } \\ & \text { Funds } \end{aligned}$ | Treasury Bills |  | Commercial <br> Paper <br> 90-119 Day | CD's New Issue-NYC |  | U. S. Govt.-Constant Maturity Yields |  |  | Corp.-Aaa Utility |  | Municipal Bond Buyer | Home Mortgages |  |  |
|  |  |  |  |  |  |  |  |  |  | New Recently <br> Issue Offered |  |  | Primary Conv. | Secondary Market |  |
|  |  | 90-Day | 1-Year |  | 60-Day | 90-Day | 3-yr | 7-yr | 20-yr |  |  | FNMA Auc. |  | GNMA Sec. |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |  | (12) | (13) | (14) | (15) |
| 1975--High | 7.70 | 6.68 | 7.31 | 8.43 | 7.88 | 7.75 | 8.44 | 8.50 | 8.63 | 9.80 | 9.71 | 7.67 | 9.59 | 9.95 | 9.10 |
| Low | 5.13 | 5.02 | 5.46 | 5.38 | 5.25 | 5.38 | 6.46 | 7.18 | 7.63 | 8.89 | 9.06 | 6.27 | 8.80 | 8.78 | 7.93 |
| 1976--High | 5.58 | 5.53 | 6.32 | 5.90 | 5.63 | 5.75 | 7.52 | 7.89 | 8.17 | 8.95 | 8.94 | 7.13 | 9.10 | 9.20 | 8.45 |
| Low | 4.63 | 4.27 | 4.62 | 4.63 | 4.40 | 4.50 | 5.65 | 6.33 | 7.23 | 7.93 | 7.84 | 5.83 | 8.70 | 8.39 | 7.57 |
| 1976--Feb. | 4.77 | 4.88 | 5.53 | 5.13 | 4.84 | 5.06 | 7.06 | 7.77 | 8.03 | 8.63 | 8.63 | 6.94 | 8.81 | 9.06 | 8.29 |
| Mar. | 4.84 | 5.00 | 5.82 | 5.25 | 5.05 | 5.20 | 7.13 | 7.65 | 7.97 | 8.62 | 8.61 | 6.92 | 8.76 | 9.05 | 8.30 |
| Apr. | 4.82 | 4.86 | 5.54 | 5.08 | 4.81 | 4.94 | 6.84 | 7.44 | 7.86 | 8.48 | 8.52 | 6.60 | 8.73 | 8.89 | 8.10 |
| May | 5.29 | 5.20 | 5.98 | 5.44 | 5.25 | 5.38 | 7.27 | 7.77 | 8.13 | 8.82 | 8.77 | 6.87 | 8.77 | 9.09 | 8.33 |
| June | 5.48 | 5.41 | 6.12 | 5.83 | 5.55 | 5.68 | 7.32 | 7.76 | 8.03 | 8.72 | 8.73 | 6.87 | 8.85 | 9.13 | 8.35 |
| July | 5.31 | 5.23 | 5.82 | 5.54 | 5.30 | 5.42 | 7.12 | 7.70 | 8.00 | 8.63 | 8.63 | 6.79 | 8.93 | 9.05 | 8.37 |
| Aug. | 5.29 | 5.14 | 5.64 | 4.35 | 5.23 | 5.31 | 6.86 | 7.58 | 7.91 | 8.52 | 8.50 | 6.61 | 9.00 | 8.99 | 8.30 |
| Sept. | 5.25 | 5.08 | 5.50 | 5.33 | 5.11 | 5.24 | 6.66 | 7.41 | 7.78 | 8.29 | 8.33 | 6.51 | 8.98 | 8.88 | 8.10 |
| Oct. | 5.03 | 4.92 | 5.19 | 5.10 | 4.90 | 5.04 | 6.24 | 7.16 | 7.70 | 8.25 | 8.24 | 6.30 | 8.93 | 8.75 | 7.98 |
| Nov. | 4.95 | 4.75 | 5.00 | 4.98 | 4.84 | 4.94 | 6.09 | 6.86 | 7.64 | 8.17 | 8.18 | 6.29 | 8.81 | 8.66 | 7.93 |
| Dec. | 4.65 | 4.35 | 4.64 | 4.66 | 4.48 | 4.50 | 5.68 | 6.37 | 7.30 | 7.94 | 7.93 | 5.94 | 8.79 | 8.45 | 7.59 |
| 1977-Jan. | 4.61 | 4.62 | 5.00 | 4.72 | 4.61 | 4.68 | 6.22 | 6.92 | 7.48 | 8.08 | 8.09 | 5.87 | 8.72 | 8.48 | 7.83 |
| Feb. | 4.68 | 4.67 | 5.16 | 4.76 | 4.58 | 4.70 | 6.44 | 7.16 | 7.64 | 8.22 | 8.19 | 5.89 | 8.67 | 8.55 | 7.98 |
| 1977--Jan. 5 | 4.47 | 4.41 | 4.67 | 4.63 | 4.48 | 4.50 | 5.83 | 6.59 | 7.26 | 7.90 | 7.95 | 5.78 | 8.70 | -- | 7.56 |
| 12 | 4.55 | 4.58 | 4.89 | 4.68 | 4.65 | 4.70 | 6.20 | 6.97 | 7.50 | 8.05 | 8.06 | 5.89 | 8.73 | 8.46 | 7.92 |
| 19 | 4.65 | 4.62 | 5.03 | 4.75 | 4.63 | 4.75 | 6.33 | 6.99 | 7.54 | 8.10 | 8.15 | 5.90 | 8.73 | -- | 7.92 |
| 26 | 4.72 | 4.68 | 5.12 | 4.75 | 4.70 | 4.75 | 6.48 | 7.09 | 7.59 | 8.22 | 8.18 | 5.92 | 8.73 | 8.49 | 7.92 |
| Feb. 2 | 4.60 | 4.74 | 5.25 | 4.80 | 4.70 | 4.80 | 6.54 | 7.17 | 7.63 | 8.15 | 8.14 | 5.93 | 8.68 | -- | 7.95 |
| 9 | 4.66 | 4.64 | 5.16 | 4.78 | 4.61 | 4.75 | 6.39 | 7.12 | 7.60 | -- | 8.12 | 5.86 | 8.70 | 8.52 | 7.92 |
| 16 | 4.70 | 4.62 | 5.09 | 4.75 | 4.50 | 4.63 | 6.35 | 7.13 | 7.61 | 8.18 | 8.17 | 5.83 | 8.65 | -- | 7.96 |
| 23 | 4.74 | 4.67 | 5.13 | 4.75 | 4.50 | 4.63 | 6.51 | 7.24 | 7.71 | 8.28 | 8.26 | 5.92 | 8.65 | 8.58 | 7.99 |
| Mar. 2 | 4.68 | 4.70 | 5.25 | 4.75 | 4.63 | 4.77 | 6.49 | 7.22 | 7.75 | -- | 8.27 | 5.92 | 8.65 | -~ | 8.06 |
| 9 | 4.63 | 4.64 | 5.23 | 4.75 | 4.63 | 4.77 | 6.52p | 7.24p | 7.77p | 8.30p | 8.28p | 5.92 | n.a. | 8.66 | 8.08 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Daily-Mar. 3 | 4.68 | 4.61 | 5.20 | 4.75 | -- | -- | 6.43 | 7.17 | 7.73 | -- | -- | -- | -- | -- | -- |
| 10 | 4.65p | 4.62 | 5.22 | 4.75 | -- | -- | $6.51 p$ | 7.22p | 7.76p | -- | -- | -- | -- | -- | -- |

NOTE: Weekly data for columns 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 through 10 , the weekly date is the mid-point of the calendar week over which data are averaged. Columns 11 and 12 are 1-day quotes for Friday and Thursday, respectively, following the end of the statement week, Column lis an average of contract interest rates on commitments for conventional first mortgages with 80 per cent loanto-value ratios made by a sample of insured savings and loan associations on the Friday following the end of the statement week. Column 14 gives FNMA auction data for Monday preceding the end of the statement week. associations on the Friday following the end of the statement week. Column 14 gives FNMA auction data for Monday preceding the end of the statement week.
Column 15 is a l-day quote for Monday preceding the end of the statement week. The FNMA auction yield is the average yield in bi-weekly auction for shortColumn 15 is a l-day quote for Monday preceding the end of the statement week. The FNMA auction yield is the average yield in bi-weekly auction for shortdelivery, 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.

MONEY AND CREDIT AGGREGATE MEASURES mR. 11, 1977


MONEY AND CREDIT AGGREGATE MEASURES
SEASONALLY ADJUSTED, BILLIONS OF DOLLARS

| Period | BANK RESERVES $1 /$ |  |  | BANK CREDITMEASURES |  | MONEY STOCKMEASURES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Nonborrowed | Monetary Base | Adj. Credit proxy | Total Loans and Investments | $M_{1}$ | $M_{2}$ | $M_{3}$ | M 4 | M5 | $M_{6}$ | M 7 |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ANNUALLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1974 | 34,174 | 33,447 | 104,380 | 494.6 | 695.2 | 283.1 | 612.4 | 981.5 | 701.4 | 1070.5 | 1181.2 | 1221.6 |
| 1975 | 34,015 | 33,885 | 110,394 | 513.8 | 725.5 | 294.8 | 664.3 | 1092.9 | 746.5 | 1175.1 | 1308.7 | 1351.3 |
| 1976 | 34,465 | 34,412 | 118,051 | 539.0 | 771.6 | 312.2 | 739.7 | 1236.9 | 802.9 | 1300.2 | 1442.8 | 1494.2 |
| MOWTHLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { 1976-FEB. } \\ & \text { MAR: } \end{aligned}$ |  | 33,485 | 111,041 | 515.8 | 731.2 |  |  | 1117.5 |  | 1192.9 | 1328.5 |  |
|  | 33,519 | 33,465 | 111,707 | 516.3 | 735.4 | 298.1 | 682.6 | 1126.8 | 755.9 | 1200.2 | 1336.9 | $1380.5$ |
| APR. MAY | 33,545 | 33,501 | 112,747 | 517.2 | 738.7 | 301.8 | 690.6 | 1140.1 | 761.8 | 1211.3 | 1349.1 | 1393.4 |
|  | 33,661 | 33,546 | 113,498 | 515.6 | 742.0 | 303.5 | 695.7 | 1150.1 | 764.3 | 1218.7 | 1357.5 | 1402.9 |
| Mar | 33,776 | 33,650 | 114,009 | 521.4 | 743.3 | 303.2 | 698.2 | 1156.9 | 768.4 | 1227.1 | 1367.1 | 1413.8 |
| JULY | 33,833 33.998 | 33,701 | 114,625 | 522.9 | 747.7 | 305.0 | 705.2 | 1169.2 | 774.1 | 1238.2 | 1380.5 | 1428.1 |
| AUG. | 33,998 33,823 | 33,897 33,761 | 115,252 115.739 | 523.2 523.9 | 752.8 756.6 | 308.3 306.6 | 710.5 716.5 | 1181.4 | 775.5 779.5 | 1246.3 | 1388.0 1398.6 | 1436.8 1447.3 |
| OCT. NOV. | 33,992 | 33,898 | 116,424 | 529.2 | 764.3 | 310.1 | 725.9 | 1211.2 | 788.2 | 1273.6 | 1415.6 | 1465.0 |
|  | 34,325 | 34,253 | 117,303 | 534.2 | 770.3 | 310.1 | 732.0 | 1223.6 | 794.3 | 1285.8 | 1428.1 | 1478.5 |
| DEC. | 34,465 | 34,412 | 118,051 | 539.0 | 771.6 | 312.2 | 739.7 | 1236.9 | 802.9 | 1300.2 | 1442.8 | 1494.2 |
| $\begin{aligned} & \text { 1977-JAN. } \\ & \text { FEB. P } \end{aligned}$ | 34,778 34,410 | 34,710 34,339 | 119,102 119,094 | 540.8 539.6 | 777.4 787.0 | 313.6 313.8 | $\begin{aligned} & 745.4 \\ & 749.5 \end{aligned}$ | 1248.4 | 808.4 812.8 | 1311.5 1320.7 | 1454.1 1463.3 | $\begin{aligned} & 1506.4 \\ & 1516.3 \end{aligned}$ |
| WEEKLY: |  |  |  |  |  |  |  |  |  |  |  |  |
| 1977-JAN. 5 |  |  | 118,922 |  |  |  |  |  |  |  |  |  |
| $12$ | 34,616 | 34,596 | 118,736 | 541.4 |  | 314.6 | 746.0 |  | 809.3 |  |  |  |
| $19$ | 34,707 | 34,598 | 119,024 | 540.6 |  | 313.7 | 745.6 |  | 808.0 |  |  |  |
| 26 | 35,053 | 34,964 | 119,697 | 540.8 |  | 312.9 | 745.9 |  | 808.4 |  |  |  |
| FEB. $\quad 2$ |  |  | 119,067 | 539.7 |  | 312.7 | $745.7$ |  |  |  |  |  |
| $9$ | 34,545 | 34,470 | 118,879 | 538.8 |  | 313.7 | 748.6 |  | 812.1 |  |  |  |
| $16$ | 34,437 | 34,308 | 119,010 | 540.9 538.9 |  | 314.8 | 750.5 |  | 814.2 |  |  |  |
| 23P | 34,248 | 34,211 | 119,282 | 538.9 |  | 313.7 | 750.2 |  | 813.4 |  |  |  |
| MAR . $2 P$ | 34,351 | 34,321 | 119,258 | 540.3 |  | 313.1 | 749.9 |  | 812.7 |  |  |  |

NOTES\& ADJUSTED CREDIT PROXY INCLUDES MAINLY TOTAL MEMBER GANK DEPOSITS SUBJECT TO RESERVE REQUIREMENTS, LOANS SOLD TO BANKRELATED INSTITUTIONS, AND EURDDOLLAR BORROWINGS OF U.SOBANKS. HEEKLY DATA ARE DAILY AVERAGES FOR STATEMEMT WEEKS. MGMTHLY DATA ARE DAILY AVERAGES. WEEKLY DATA ARE NOT AVAILABLE FOR M3, MS, MG, M7, TOTAL LOANS AND INVESTMENTS AND THRIFT INSTITUTION DEPOSITS.
1/ bASED ON DATA ADJUSTED FDR CHANGES IN RESERVE REQUIREMENTS.

## COMPONENTS OF MONEY STOCK AND RELATED MEASURES



[^2]
## APPEMOAX TADLE 2- <br> COMPONENTS OF MONEY STOCK AND RELATED MEASURES

| Period | Currency | Demand Deposits | Timm and Sovings Dopecite |  |  |  |  | $\left\|\begin{array}{c} \text { Mutual } \\ \text { Sivinges } \\ \text { Banh } \\ \text { e S\&L } \\ \text { Shares } 1 \end{array}\right\|$ | Credit Union Shares 1/ | $\left\|\begin{array}{l} \text { Savinss } \\ \text { Sonds } \\ 1 \end{array}\right\|$ | Short- <br> Torm <br> U.S. <br> Gov't <br> Sec 1 | Com. mercial Paper 1 | NonDeposit Funds | Total Gov't <br> Demsind <br> Deposits |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | Other Than CO's |  |  | CD's |  |  |  |  |  |  |  |
|  |  |  |  | Total | Savings | Other |  |  |  |  |  |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | \% | - | 10 | 11 | 12 | 13 | 14 |
| annually: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1974 | 67.8 | 215.3 | 418.3 | 329.3 | 136.2 | 193.1 | 89.0 | 341.5 | 27.6 | 63.3 | 47.4 | 40.4 | 8.4 | 5.6 |
| 1975 | 73.7 | 221.0 | 451.7 | 369.6 | 160.5 | 209.0 | 82.1 | 395.5 | 33.1 | 67.3 | 66.4 | 42.6 | 8.4 | 7.6 |
| 1976 | 80.7 | 231.6 | 490.7 | 427.4 | 201.4 | 226.0 | 63.3 | 458.3 | 39.0 | 71.9 | 70.7 | 51.5 | 9.4 | 10.1 |
| MONTHLY: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1976-FEB. | 75.0 | 221.8 | 456.7 | 381.3 | 170.2 | 211.2 | 75.4 | 405.4 | 34.0 | 68.0 | 67.6 | 43.4 | 8.0 | 10.9 |
| MAR. | 75.7 | 222.4 | 457.8 | 384.4 | 173.5 | 211.0 | 73.4 | 409.8 | 34.4 | 68.3 | 68.4. | 43.6 | 8.2 | 10.9 |
| APR . | 76.6 | 225.2 | 460.0 | 388.9 | 176.7 | 212.2 | 71.2 | 414.6 | 34.9 | 68.7 | 69.1 | 44.3 | 7.5 | 7.2 |
| may | 77.3 | 226.2 | 460.7 | 392.1 | 179.4 | 212.8 | 68.6 | 419.1 | 35.3 | 69.0 | 69.8 | 45.5 | 7.6 | 7.4 |
| JUNE | 77.5 | 225.6 | 465.3 | 395-1 | 179.4 | 215.7 | 70.2 | 422.9 | 35.7 | 69.4 | 70.6 | 46.7 | 8.5 | 9.8 |
| Juty | 78.1 | 226.8 | 469.1 | 400.2 | 181.1 | 219.1 | 68.9 | 427.8 | 36.2 | 69.8 | 72.6 | 47.6 | 8.8 | 9.0 |
| AUG. | 78.6 | 227.7 | 469.1 | 404.1 | 184.4 | 219.8 | 65.0 | 434.2 | 36.7 | 70.3 | 71.9 | 48.2 | 9.0 | 13.8 |
| SEPT. | 79.2 | 227.4 | 472.9 | 409.9 | 187.9 | 222.0 | 63.1 | 440.8 | 37.3 | 70.8 | 70.3 | 48.7 | 8.4 | 13.1 |
| OC. | 79.9 | 230.3 | 478.1 | 415.8 | 192.6 | 223.2 | 62.3 | 447.4 | 37.9 | 71.1 | 70.9 | 49.4 | 9.2 | 13.9 |
| NOV. | 80.3 | 229.8 | 484.2 | 421.9 | 196.8 | 225.2 | 62.2 | 453.1 | 38.4 | 71.5 | 70.7 | 50.4 | 9.3 | 13.5 |
| DEC. | 80.7 | 231.6 | 490.7 | 427.4 | 201.4 | 226.0 | 63.3 | 458.3 | 39.0 | 71.9 | 70.7 | 51.5 | 9.4 | 10.1 |
| 1977--JAN. | 81.3 | 232.3 | 494.8 | 431.8 | 205.0 | 226.7 | 63.1 | 463.5 | 39.5 | 72.3 | 70.4 | 52.3 | 8.3 | 10.2 |
| FEB. P | 82.0 | 231.7 | 499.0 | 435.8 | 207.1 | 228.6 | 63.3 | 467.8 | 40.1 | 72.7 | 70.0 | 53.0 | 7.5 | 11.7 |
| WEEKLY: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1977-JAN. 5 | 80.9 | 234.3 | 494.9 | 430.2 | 203.1 | 227.1 | 64.7 |  |  |  |  |  | 9.0 | 10.2 |
| 12 | 81.2 | 233.4 | 494.7 | 431.4 | 204.7 | 226.7 | 63.3 |  |  |  |  |  | 8.0 | 10.6 |
| 19 | 81.4 | 232.3 | 494.3 | 431.9 | 205.0 | 226.9 | 62.4 |  |  |  |  |  | 8.3 | 10.2 |
| 26 | 81.7 | 231.1 | 495.5 | 433.0 | 205.9 | 227.1 | 62.5 |  |  |  |  |  | 8.5 | 10.1 |
| FEB. $\quad 2$ | 81.7 | 231.0 | 495.8 | 433.0 | 205.9 | 227.1 | 62.8 |  |  |  |  |  | 7.8 | 9.9 |
| 9 | 81.8 | 231.8 | 498.4 | 435.0 | 206.7 | 228.3 | 63.5 |  |  |  |  |  | 7.2 | 12.3 |
| 16 | 81.9 | 232.9 | 499.4 | 435.8 | 207.0 | 228.8 | 63.6 |  |  |  |  |  | 7.3 | 11.7 |
| 23P | 82.3 | 231.4 | 499.7 | 436.5 | 207.5 | 229.1 | 63.1 |  |  |  |  |  | 7.8 | 11.7 |
| MAR - 2P | 82.1 | 231.0 | 499.6 | 436.9 | 207.6 | 229.3 | 62.7 |  |  |  |  |  | 7.7 | 11.6 |

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[^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]:    $\frac{1}{2}$; Change from end-of-period to end-of-period.
     shifts, rollovers of maturing coupon issues, and direct Treasury borrowings from the System.
    
    In adition to net purchases of securities, also reflects
    $0^{\prime}$ Includes changes in both $\mathrm{RP}^{\prime} \mathbf{s}^{(+)}$and matched sale-purchase transactions (-).

[^2]:    I/ GRONTH RATES ARE BASED ON ESTIMATED MONTHLY AVERAGE LEVELS DERIVED BY AVERAGING END OF CURRENT MONTH AMO END OF

    - PREVIGUS MONTH REPORTED DATA.

[^3]:    1/ ESTIMATED MONTHLY AVERAGE LEVELS DERIVED BY AVERAGING END OF CURRENT MDNTH AND END DF PREVIOUS MONTH REPORTED DATA.
    2/ INCLUDES TREASURY DEPOSITS AT MEMBER BANKS AND FEDERAL RESERVE BANKS.
    P - PRELIMINARY

