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## MONETARY POLICY ALTERNATIVES

Prepared for the Federal Open Market Committee
By the staff Board of Governors of the Federal Reserve System

## MONETARY POLICY ALTERNATIVES

Recent Developments
(1) Growth of M1 in April was around 6 percent, but data for early May suggest somewhat stronger growth this month, bringing Ml a little above the 6 percent annual rate path adopted by the comittee at its last meeting. Flows associated with refunds and final payments around the April tax date appear to have had little net impact on recent Ml growth. Refunds probably added to growth in April and perhaps in early May, as the Treasury greatly accelerated processing, but larger-thanexpected tax payments reflected in a corresponding rise in the Treasury's cash balance may have had an offsetting effect.
(2) In contrast to Ml, growth in the broad aggregates has been running well below the FOMC's March-to-June paths of 7 and 8 percent for M2 and M3. In April, these aggregates showed little net change, and data for early May suggest only a modest rebound. Weakness in the broad aggregates stemmed in large part from managed liabilities. The substantial rise in the Treasury's balances at banks along with a sizable liquidation of inventories of Treasury securities at large banks in April reduced the need to raise funds in the market. In addition, it is possible that larger-than-usual nonwithheld tax payments out of MMDAs and MMMFs may have held down growth in the broad aggregates to a degree. Finally, strong inflows to IRA and Keogh accounts-excluded from monetary measures-may also have retarded growth of $M 2$ and $M 3$ in April by a small amount.
(3) Domestic nonfinancial debt is estimated to have increased at an 11-3/4 percent annual rate in April, the same as its March pace,

KEY MONETARY AGGRETATES
(Seasonally adjusted annual rates of growth)

|  | Mar. | Apr. | QIV to <br> QI | QIV to <br> Apr. |
| :--- | ---: | ---: | ---: | ---: |
| Money and Credit Aggregates |  |  |  |  |
| M1 | 5.7 | 6.1 | 10.6 | 9.3 |
| M2 | 3.8 | -0.8 | 12.0 | 8.3 |
| M3 | 5.6 | 0.7 | 10.7 | 7.9 |
| Domestic nonfinancial debt | 11.8 | 11.8 | 13.3 | 12.9 |
| Bank credit | 11.4 | 4.4 | 9.9 | 9.3 |

## Reserve Measures ${ }^{1}$

| Nonborrowed reserves ${ }^{2}$ | 4.5 | 13.2 | 25.0 | 19.6 |
| :--- | ---: | ---: | ---: | ---: |
| Total reserves | 5.9 | 10.6 | 21.2 | 17.2 |
| Monetary base | 5.4 | 4.9 | 8.7 | 7.8 |

Memo: (Millions of dollars)
Adjustment and seasonal borrowing 534

455
$\begin{array}{ll}- & - \\ - & -\end{array}$
Excess reserves
766
746

NOTE: Monthly reserve measures, including excess reserves and borrowing, are calculated by prorating averages for two-week reserve maintenance periods that overlap months.

1. Growth rates of reserve measures are adjusted to remove the effects of discontinuities resulting from phased changes in reserve ratios under the Monetary Control Act.
2. Includes "other extended credit" from the Federal Reserve.
as lower nonfederal borrowing offset a pick-up in feder al government debt expansion. Still, growth in this aggregate from the fourth quarter of 1984 remains somewhat above the 12 percent upper limit of its monitoring range. Business borrowing has moderated a little so far this year, but with merger-related debt issuance running close to the average pace of 1984, it remains sizable. Household demands for funds, especially for consumer installment credit, also have remained quite strong.
(4) The nonborrowed reserve path for the intermeeting period initially was constructed assuming $\$ 400$ million of adjustment plus seasonal borrowing at the discount window. In late April, however, the borrowing assumption was raised to $\$ 450$ million as special situation borrowing by a number of thrift institutions increased. Over the three complete reserve maintenance periods (ending May 8) following the last Conmittee meeting, adjustment plus seasonal borrowing averaged about $\$ 475$ million, with excess reserves averaging somewhat higher than expected. Excluding special situation borrowing by thrifts, the borrowing average was around $\$ 380$ million. seasonal borrowing has also been somewhat stronger than might have been expected, given the prevailing configuration of the discount and money market rates, perhaps reflecting the liberalized provisions of the regular seasonal program as well as liquidity pressures at small banks. Thus far in the current maintenance period adjustment plus seasonal borrowing has averaged $\$ 830$ million, boosted by a substantial further increase in special situation borrowing by thrifts as well as borrowing by large banks faced with unexpected funds needs late in the day. On May 16 , special thrift borrowing totaled $\$ 496$ million (of which $\$ 22$ million are now being reported as extended credit).
(5) The federal funds rate has declined about $1 / 4$ percentage point since the previous FOMC meeting, with the rate averaging a shade over $8-1 / 8$ percent during the past two weeks. Other market interest rates declined by about $3 / 4$ to $1-1 / 4$ percentage points, prior to announcement of the reduction in the discount rate from 8 to $7-1 / 2$ percent late Friday. $1 /$ The sizable drop in market rates reflected in part abatement of previously held expectations that Federal Reserve policy might take a firmer turn and, as the intermeeting period progressed, a perception that some slight easing might be under way or at least in prospect as the federal funds rate declined somewhat. Markets were also affected by incaming evidence indicating that the econamy was not strengthening significantly fram the weak first quarter, by slowing in growth of the monetary aggregates, and by the agreement in the Senate on reducing federal budget deficits. The exchange value of the dollar depreciated, on balance, by 5 percent since the last FOMC meeting in volatile markets;

The failures of two small government securities dealers and the problems of privately-insured Maryland thrifts during the intemeeting period appear to have had little systemic impact on domestic credit or foreign exchange markets; although no general "flight to quality" appears to have emerged, there seems to be some added caution in attitudes toward RPS of smaller dealers.

[^1]
## Prospective developments

(6) The table below gives three alternative specifications for growth in the monetary aggregates over the March-to-June period, along with the growth rates for this period chosen by the Committee at its March meeting and the growth implied by each alternative for the two-month April-to-June period. It also shows ranges for the federal funds rate associated with each alternative. (More detailed data can be found on the charts and table on the following pages).

(7) The specifications of alternative $B$ involve slightly
faster Ml growth over the three-month March-to-June period than adopted at the last Cammittee meeting, but much slower growth in the broader

[^2]Alternative Levels and Growth Rates for Key Monetary Aggregates

|  | M1 |  |  | M2 |  |  | M3 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C | Alt. A | Alt. B | Alt. C |
|  |  |  |  |  |  |  |  |  |  |
| 1985--January | 562.7 | 562.7 | 562.7 | 2398.9 | 2398.9 | 2398.9 | 3020.6 | 3020.6 | 3020.6 |
| February | 569.4 | 569.4 | 569.4 | 2420.9 | 2420.9 | 2420.9 | 3041.6 | 3041.6 | 3041.6 |
| March | 572.1 | 572.1 | 572.1 | 2428.6 | 2428.6 | 2428.6 | 3055.7 | 3055.7 | 3055.7 |
| April | 575.0 | 575.0 | 575.0 | 2427.0 | 2427.0 | 2427.0 | 3057.5 | 3057.5 | 3057.5 |
| May | 578.6 | 578.5 | 578.4 | 2437.2 | 2437.0 | 2436.8 | 3071.5 | 3071.5 | 3071.5 |
| June | 582.1 | 581.4 | 580.7 | 2455.9 | 2452.9 | 2449.9 | 3097.7 | 3095.4 | 3093.1 |

Growth Rates Monthly

|  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |  |  | 13.7 | 10.2 |
| 1985--January | 9.0 | 9.0 | 9.0 | 13.7 | 13.7 | 13.2 | 10.2 | 1 |  |
| February | 14.3 | 14.3 | 14.3 | 11.0 | 11.0 | 11.0 | 8.3 | 8.3 | 8.3 |
| March | 5.7 | 5.7 | 5.7 | 3.8 | 3.8 | 3.8 | 5.6 | 5.6 | 5.6 |
| April |  |  |  |  |  |  |  |  |  |
| May | 7.5 | 6.1 | 6.1 | -0.8 | -0.8 | -0.8 | 0.7 | 0.7 | 0.7 |
| June | 7.3 | 6.3 | 7.1 | 5.0 | 4.9 | 4.8 | 5.5 | 5.5 | 5.5 |
|  |  | 4.8 | 9.2 | 7.8 | 6.5 | 10.2 | 9.3 | 8.4 |  |

Growth Rates

| $\begin{array}{r} 1985--Q 1 \\ \text { Q2 } \end{array}$ |  |  |  | 10.6 | 10.6 | 10.6 | 12.0 | 12.0 | 12.0 | 10.7 | 10.7 | 10.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 7.4 | 7.2 | 7.0 | 4.0 | 3.8 | 3.6 | 4.8 | 4.7 | 4.6 |
| 1985 | March | to | June | 7.0 | 6.5 | 6.0 | 4.5 | 4.0 | 3.5 | 5.5 | 5.2 | 4.9 |
| 1985 | April | to | June | 7.4 | 6.7 | 5.9 | 7.1 | 6.4 | 5.7 | 7.9 | 7.4 | 7.0 |
| Q4 84 | to A | Apr. |  | 9.3 | 9.3 | 9.3 | 8.3 | 8.3 | 8.3 | 7.9 | 7.9 | 7.9 |
| Q4 84 | to J | June | 85 | 8.9 | 8.6 | 8.4 | 8.0 | 7.8 | 7.6 | 8.0 | 7.8 | 7.7 |

Chart 1
ACTUAL AND TARGETED M1


ACTUAL AND TARGETED M2

Billions of dollars


Chart 3

## ACTUAL AND TARGETED M3


aggregates, given their weak performance in April. This behavior of the aggregates is expected to be consistent with seasonal plus adjustment borrowing at the discount window of $\$ 300$ to $\$ 350$ million, assuming that borrowing by privately-insured thrift institutions experiencing persistent liquidity difficulties is in effect extended credit. Total reserves might increase at a 6 percent annual rate over May and June under alternative $B$, with nonborrowed reserves (including extended credit) increasing at 8 percent rate.
(8) The federal funds rate will probably trade around $7-3 / 4$ percent, given the current 7-1/2 percent discount rate. Although the discount rate cut was partly anticipated, market interest rates generally are likely to settle somewhat below recent levels, with the 3 -month Treasury bill probably trading mostly around $7-1 / 4$ percent. The exchange rate may also decline somewhat, although same foreign authorities might take advantage of the opportunity to allow their domestic interest rates to decrease further.
(9) The decline in interest rates over the past several weeks will be tending to boost money demand in May and June, and Ml under this alternative is expected to increase at a $6-1 / 2$ percent rate over the March-to-June period, despite same weakening in projected nominal GNP growth for the second quarter. On a quarterly-average basis, MI would increase at a 7-1/4 percent rate in the second quarter, which implies a second consecutive quarterly decline in velocity, although at a samewhat slower rate than in the first quarter; such a decline is roughly consistent with model results. By June, MI under alternative B would be about $\$ 1-3 / 4$ billion (or 0.3 percent) above the upper parallel line of the band drawn from the fourth quarter end points of the 4 to 7 percent range
for 1985, with growth from QIV '84 to June at around an $8-1 / 2$ percent annual rate.
(10) Growth of M2 and M3 under alternative B would be expected to pick up in May and June to a 6-1/2 to $7-1 / 2$ percent annual rate on average. Much of the pick-up would be expected in RPs and the other managed liability components of the broader aggregates, partly as Treasury deposits at banks drop after late May. Core deposits in the nontransactions M2 are likely to expand more rapidly than the 6 percent pace of April, and net inflows to MMMF's are likely to pick up, given the usual lagged adjustments in changes in returns on these instruments relative to declines in market rates.
(11) The debt of nonfinancial sectors is expected to increase in the second quarter at a little under its pace of the first quarter, and for the first half of 1985 would be right around the 12 percent upper limit of the FOMC's monitoring range. Growth in U.S. government debt, seasonally adjusted, will be a little larger in the second quarter than in the first, although most of the Treasury's cash requirements for the current quarter have already been met following the mid-quarter refunding. Credit raised by businesses is projected to increase slightly in the second quarter. Underlying needs for funds are being held down by relatively restrained inventory accumulation, but borrowing totals continue to be swelled by financing for mergers and stock repurchases; over the first half of the year unusual issuance of debt for such purposes is estimated to account for around $1-1 / 4$ percentage points of total debt expansion of domestic nonfinancial sectors. Mortgage borrowing is expected to continue at about the first-quarter pace, but consumer credit growth likely will moderate somewhat as spending on consumer durables increases more slowly.
(12) As compared with alternative $B$, alternative $C$ involves tighter reserve conditions thought more likely to be consistent with constraining MI growth to the 6 percent path for March to June chosen by the Conmittee at its last meeting. Expansion at this rate would leave Ml quite close to, though still a bit above, the upper limit of its band. This alternative, which contemplates Ml growth of a little under 5 percent in June, would be expected to entail adjustment plus seasonal borrowing, excluding that by thrifts in special situations, of around $\$ 450-\$ 500$ million. The pick-up in growth of the broader aggregates would be somewhat less rapid under this alternative, with M2 and M3 expanding in a 5-3/4 to 7 percent range over May and June.
(13) The federal funds rate would probably remain around 8 to $8-1 / 4$ percent under this alternative. As such a rate persisted, counter to market expectations given the cut in the discount rate, other interest rates would rise appreciably from recent levels, retracing a good part of the decreases since the last FOMC meeting. The dollar would probably rise on foreign exchange markets.
(14) Alternative A contemplates lesser restraint on reserve conditions than B. Borrowing would be expected to drop to around minimum levels--perhaps around $\$ 200$ to $\$ 250$ million--and the federal funds rate to fall to somewhat under the current $7-1 / 2$ percent discount rate. Growth of Ml from March to June would be expected to be around 7 percent, bringing this aggregate to a level about $1 / 2$ percent above the upper parallel band. The further drop of interest rates expected under this alternative could lead to substantial inflows into deposits and money funds, and growth in M2 and M3 over May and June would probably pick up into a 7 to 8 percent range. Interest rates and exchange rates would decline further, with the three-month bill rate probably falling to near 7 percent.

## Directive language

(15) Draft language for the operational paragraph, with alternatives, is shown below with suggested deletions from the current directive indicated in strike-through form and proposed additions in caps. As in the past, it is assumed that the "degree of pressure on reserve positions" is indexed primarily by the level of borrowing at the discount window, excluding borrowing classified as extended credit. In the proposed directive it is also assumed that the "degree of pressure on reserve positions" excludes any special situation borrowing at thrifts that has not yet been classified as extended credit. On that basis, alternative $B$ is suggested as consistent with maintaining the existing degree of pressure on reserve positions, although the associated funds rate is likely to be lower than during the past several weeks owing to the cut in the discount rate.

Bracketed alternative language with respect to the aggregates is suggested for consideration in view of the substantial shortfall in growth of the broader aggregates from expectations at the time of the March meeting.

OPERATIONAL PARAGRAPH

In the implementation of policy for the immediate future, taking account of the progress against inflation, uncertainties in the business outlook, and the exchange value of the dollar, the Carmittee seeks to REDUCE SOMEWHAT (Alt. A)/maintain (Alt. B)/INCREASE SOMENHAT (Alt. C)/the existing degree of pressure on reserve positions. This action is expected to be consistent with growth in M1, M2, and M3 at annual rates of around $6_{7}-7_{7}-\mathrm{and}-8 \ldots$ ___ ${ }^{\prime}$, AND __ percent,
respectively, during the period fram March to June. [Alternative: This action is expected to be consistent with growth in Ml, M2-apd M3 at AN annual sates RATE of around $6_{r}-7_{r-a n d}-8$ ___ percentr sespectivelyr during the period from March to June. M2 AND M3, AFTER SHOWING LITTTE CHANGE IN APRIL, ARE EXPECTED TO GROW AT ANNUAL RATES OF __ AND ___ PERCENT, RESPECTIVELY, OVER MAY AND JUNE ON AVERAGE.] Somewhat lesser reserve restraint might (WOULD) be acceptable in the event of substantially slower growth of the monetary aggregates while sanewhat greater restraint might (WOULD) be acceptable in the event of substantially higher growth. In either case such a change would be considered in the context of appraisals of the strength of the business expansion, progress against inflation, and conditions in domestic credit and foreign exchange markets. The Chairman may call for Committee consultation if it appears to the Manager for Domestic Operations that pursuit of the monetary objectives and related reserve paths during the period before the next meeting is likely to be associated with a federal funds rate persistently outside a range of 6-69-10 $\qquad$ TO $\qquad$ percent.

Selected Interest Rates
Porcent
May 20. 1985

| Perrod | Shont Term |  |  |  |  |  |  |  | Long Term |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | taderal funde | Treesury bills eecondary market |  |  |  | comm. paper 1.month | monay market mutual fund | bank prime loin | U.S. government constant maturity yields |  |  | corporate <br> $A$ ulility recently oflered 12 | munt cipal Bond Buyer | home mortgages |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | fraiva |  | S4L |
|  |  | 3-month | 6 -month | 1.yeer |  |  |  |  | 3 year | 10 yoar | 30 year |  |  | al Sals | ceiling | 1 yoer ARM |
|  | 1 | 2 | 3 | 4 |  | 5 | 6 | 7 | 8 | 9 | 10 |  | 11 | 13 | 14 | 15 | 16 |
| 1984--H1gh | 11.71 | 10.65 | 10.76 | 11.09 | 11.71 | 11.35 | 10.72 | 13.00 | 13.44 | 13.84 | 13.81 |  | 15.30 | 11.44 | 14.68 | 14.00 | 12.31 |
| Low | 7.95 | 1.71 | 8.01 | 8.39 | 8.24 | 8.04 | 8.38 | 11.00 | 10.39 | 11.30 | 11.36 | 12.70 | 9.86 | 13.14 | 12.50 | 10.81 |
| 1985--High | 8.75 | 8.65 | 9.03 | 9.21 | 9.13 | 8.83 | 8.31 | 10.75 | 11.19 | 11.95 | 11.89 | 13.23 | 10.31 | 13.29 | 13.00 | 11.14 |
| 10w | 7.69 | 7.64 | 1.81 | 8.00 | 8.08 | 7.89 | 1.17 | 10.50 | 9.89 | 11.01 | 11.18 | 12.24 | 9.34 | 12.90 | 12.50 | 10.59 |
| 1984--Apr. | 10.29 | 9.69 | 9.84 | 9.95 | 10.41 | 10.17 | 9.29 | 11.93 | 11.98 | 12.63 | 12.65 | 13.96 | 10.26 | 13.65 | 13.00 | 11.16 |
| May | 10.32 | 9.83 | 10.31 | 10.57 | 11.11 | 10.38 | 9.52 | 12.39 | 12.75 | 13.41 | 13.43 | 14.79 | 10.88 | 13.94 | 13.94 | 11.35 |
| June | 11.06 | 9.87 | 10.51 | 10.93 | 11.34 | 10.92 | 9.92 | 12.60 | 13.18 | 13.56 | 13.44 | 15.00 | 11.07 | 14.42 | 14.00 | 11.67 |
| July | 11.23 | 10.12 | 10.52 | 10.89 | 11.56 | 11.06 | 10.30 | 13.00 | 13.08 | 13.36 | 13.21 | 14.93 | 10.84 | 14.67 | 14.00 | 12.20 |
| Aug. | 11.64 | 10.47 | 10.61 | 10.71 | 11.47 | 11.19 | 10.58 | 13.00 | 12.50 | 12.12 | 12.54 | 14.12 | 10.40 | 14.47 | 13.70 | 12.14 |
| Sept. | 11.30 | 10.37 | 10.47 | 10.51 | 11.29 | 11.11 | 10.62 | 12.97 | 12.34 | 12.52 | 12.29 | 13.86 | 10.54 | 14.35 | 13.50 | 12.00 |
| Oct. | 9.99 | 9.74 | 9.87 | 9.93 | 10.38 | 10.05 | 10.16 | 12.58 | 11.85 | 12.16 | 11.98 | 13.52 | 10.77 | 14.13 | 13.38 | 11.96 |
| Hov. | 9.43 | 8.61 | 8.81 | 9.01 | 9.18 | 9.01 | 9.34 | 11.77 | 10.90 | 11.57 | 11.56 | 12.98 | 10.69 | 13.64 | 12.75 | 11.54 |
| Dec. | 8. 38 | 8.06 | 8.28 | 8.60 | 8.60 | 8.39 | 8.55 | 11.06 | 10.56 | 11.50 | 11.52 | 12.88 | 10.40 | 13.18 | 12.50 | 11.01 |
| 1985--Jan. | 8.35 | 7.76 | 8.00 | 8.33 | 8.14 | 7.99 | 8.00 | 10.61 | 10.43 | 11.38 | 11.45 | 12.78 | 9.96 | 13.08 | 12.50 | 10.84 |
| Peb. | 8.50 | 8.27 | 8.39 | 6.56 | 8.69 | 8.46 | 7.80 | 10.50 | 10.55 | 11.51 | 11.47 | 12.76 | 10.07 | 12.92 | 12.50 | 10.63 |
| Mar. | 8.58 | 8.52 | 8.90 | 9.06 | 9.02 | 8.74 | 7.97 | 10.50 | 11.05 | 11.86 | 11.81 | 13.17 | 11.23 | 13.17 | 12.63 | 10.92 |
| Apr | 8.27 | 7.95 | 8.23 | 8.44 | 9.02 | 8.31 | 1.98p | 10.50 | 10.49 | 11.43 | 11.47 | 12.75 | 9.85 | 13.20 | 12.75 | 10.83 |
| 1985--Peb. 6 | 8.59 | 8.14 | 8.25 | 8.46 | 8.44 | 8.34 | 7.79 | 10.50 | 10.42 | 11.30 | 11.31 | 12.68 | 9.96 | 12.91 | 12.50 | 10.64 |
| 13 | 8.44 | 8.21 | 8.30 | 8.49 | 8.64 | 8.42 | 1.78 | 10.50 | 10.43 | 11.40 | 11.31 | 12.60 | 9.98 | 12.90 | 12.50 | 10.59 |
| 20 | 8.57 | 8.20 | 8.29 | 8.46 | 8.65 | 8.48 | 7.83 | 10.50 | 10.39 | 11.39 | 11.37 | 12.95 | 10.09 | 12.94 | 12.50 | 10.69 |
| 27 | 8.40 | 6.40 | 8.57 | 8.71 | 8.86 | 8.49 | 1.81 | 10.50 | 10.76 | 11.75 | 11.11 | 13.18 | 10.24 | 13.02 | 12.50 | 10.83 |
| Mat. 6 | 8.63 | 8.65 | 8.92 | 9.04 | 9.12 | 8.74 | 7.82 | 10.50 | 11.08 | 11.90) | 11.87 | 13.14 | 10.25 | 13.10 | 12.50 | 10.68 |
| 13. | 8.52 | 8.60 | 8.92 | 9.05 | 9.06 | 8.73 | 7.91 | 10.50 | 11.03 | 11.81 | 11.78 | 11.23 | 10.25 | 13.20 | 12.50 | 10.87 |
| 20 | 8.75 | 8.54 | 9.03 | 9.21 | 9.13 | 8.83 | 1.99 | 10.50 | 11.19 | 11.95 | 11.89 | 11.22 | 10.24 | 13.24 | 12.50 | 10.97 |
| 27 | 8.38 | 8.41 | 8.83 | 9.01 | 8.86 | 8.64 | 8.03 | 10.50 | 11.02 | 11.83 | 11.78 | 13.06 | 10.19 | 13.29 | 13.00 | 11.14 |
| Apr. 3 | 8.68 | 8.18 | 8.57 | 8.79 | 8.80 | 8.68 | 8.06 | 10,50 | 10.82 | 11.70 | 11.68 | 12.98 | 10.09 | 13.27 | 13.00 | 10.97 |
| 10 | 8.45 | 8.11 | 8.53 | 8.73 | 8.75 | 8.57 | 8.03 | 10.50 | 10.79 | 11.69 | 11.67 | 12.71 | 9.83 | 13.23 | 13.00 | 10.83 |
| 17 | 8.46 | 7.98 | 8.20 | 8.39 | 8.55 | 8.40 | 8.08 | 10.50 | 10.42 | 11.35 | 11.36 | 12.53 | \$. 64 | 13.16 | 12.50 | 10.80 |
| 24 | 7.69 | 7.74 | 7.95 | 8.17 | 8.20 | 7.99 | 1.92 | 10.50 | 10.21 | 11.18 | 11.28 | 12.65 | 9.82 | 13.12 | 12.50 | 10.72 |
|  | 8.35 | 7.82 | A. 07 | 8.29 | 8.27 | 8.11 | 7.83 | 11.50 | 10.37 | 11.37 | 11.45 | 12.56 | 9.73 | 13.07 | 12.50 | 10.66 |
| 8 | 8.19 | 7.76 | 7.94 | 8.13 | 8.19 | 8.06 | 1.82 | 10.50 | 10.16 | 11.22 | 11.33 | 12.49 | 9.56 | 13.102 | 12.50 | 10.61 |
| 15 | 8.14 | 7.64 | 7.81 | 8.00 | 8.11 | 7.98 | 1.77 | 10.50 | 9.89 | 11.01 | 11.18 | 12.24 | 9.34 | 12.94 | 12.50 | 10.59 |
| Dally-May 10 | 8.18 | 7.73 | 7.88 | 8.05 | H. 12 | 8.71 | -- | 10.50 | 9.95 | 11.104 | 11.20 | -- | -- | -- | -- | -- |
| 16 | 8.24 | 7.37 | 1.56 | 7.78 | 0.00 | 7.90 | -- | 10.50 | 9.62 | 10.81 | 11.02 | - | -- | -- | -- | -- |
| 17 | 8.01p | 7.40 | 1.59 | 7.84 | 7.95 | 7.87 | -- | 10.50 | $9.64 p$ | 10.84p | $11.05 p$ | -- | -- | -- | -- | -- |

NOTE. Weokiy deta lor columns 1 though 11 are statomenl week averages. Dala in cotumn 7 are taken from
Donoghue's Money Fund fepors. Columna 12 and 13 ave 1-day quoles for Fridey and Thursdey respectively
lotiowing the end of the atalement week. Column 13 is the Bond Quyer rovenue index. Column 14 is an averag.
of contrect intereat iatice on new commitments for conventionel trat mongeges with eopercent ioan-to-value
ratios at a sample of savings and loan associations on the Friday following the end of the statement wook.
Atier November 30 . 1983 column 15 relers only to VA guaranterd liact rate on now commitments for one year AAMs at those institults. Column 16 is ithe average inilist conrate morigages with the same number of discount points

| Period | $\begin{aligned} & \text { Net }{ }^{1} \\ & \text { Tolal } \end{aligned}$ | Cash Positions |  |  |  |  | rward and Futures Positions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Treasury bills | Treasury coupons |  |  | private shorl.term | Tieasury bills | Treasury coupons |  | $\begin{aligned} & \text { Tederal } \\ & \text { agency } \end{aligned}$ | private short.term |
|  |  |  | under 1 year | $\begin{aligned} & \text { over } \\ & 1 \text { y year } \end{aligned}$ |  |  |  | under <br> 1 year | $\begin{aligned} & \text { over } \\ & 1 \text { year } \end{aligned}$ |  |  |
| 1984--High | 3?.155 | 15,653 | 1.296 | 6.854 | 19,525 | 21,046 | 8. 272 | 131 | 3, 381 | -7,223 | -4 |
| Low | - , 107 | -8,251 | -1,038 | -5,664 | 11,086 | 11,263 | -14.456 | -327 | -986 | $-10,679$ | -13,053 |
| 1985-High | 51.514 | 14.672 | 2,068 | 6.479 | 21,007 | 21,623 | 3,823 | 19 | 6,171 | -6,190 | 6,988 |
| Low | 19,336 | 9,601 | -390 | -6,653 | 16,693 | 14,603 | -14,946 | -128 | -373 | -8,417 | -14,566 |
| 1984--Apr. | 14,408 | 2,929 | -32 | -1,643 | 16,649 | 13,065 | -2,140 | $-13$ | 476 | -9.422 | -5,462 |
| Nay | 14.163 | -1. 105 | -291 | -1,754 | 16,849 | 12,525 | 5,511 | -10 | 347 | -9,676 | -2,233 |
| June | 16,483 | -2,631 | -596 | -3.248 | 15,999 | 14,457 | 2.207 | -21 | 1,448 | -9,937 | -1.195 |
| July | 12.355 | -2,382 | -604 | -3,391 | 16,040 | 14,751 | -2,528 | -89 | 2,800 | $-9,650$ | -2,592 |
| Aug. | 11,499 | 4,542 | -89 | -1.186 | 16,098 | 15,556 | -7,312 | -240 | 2,504 | $-9.073$ | -9,304 |
| Sept. | 17.976 | 10, 316 | 310 | 623 | 14,063 | 17.695 | -9,171 | -122 | 2.156 | -8.334 | -8.961) |
| Oct. | 21.955 | 11,649 | 116 | 2.649 | 13,168 | 16,285 | -9,867 | -72 | 2,154 | -8,815 | -5,312 |
| Nov. | 19,094 | 9,148 | -487 | 5.087 | 16, 106 | 17.950 | -8,549 | -76 | 533 | -9.229 | -11.991 |
| Dec. | 26,220 | 13,841 | -416 | 4,762 | 18,470 | 19,180 | -11,718 | 59 | -389 | -8,313 | -9.256 |
| 1985-Jan. | 24,042 | 11,634 | -110 | 2,467 | 19.417 | 19.977 | -13,318 | -31 | 702 | -7,033 | -9.662 |
| Feb. | 32,974 | 12,456 | 851 | 227 | 19,612 | 19,445 | -3.648 | -12 | 2,494 | $-8,164$ | -10,287 |
| Mar. | 48.422 | 13,979 | 1,316 | -4,338 | 19,337 | 16,214 | 841 | -52 | 4,671 | -8.351 | 4,799 |
| Apr. | 36,702* | 11,559* | 1,203* | -4,534* | 18,048* | 17,566* | -2.950* | 10* | 5.583* | -7.843* | - 1.939* |
| 1985--Peb. 13 | 24,458 | 10,534 | 713 | 32 | 20,007 | 19.633 | -6, 835 | -27 | 2.938 | -8,164 | -14.312 |
| 20 | 31,030 | 12.792 | 851 | 202 | 18,846 | 19,533 | -3,082 | -11 | 2.225 | -8.243 | -12,084 |
| 27 | 45,148 | 13,495 | 1,132 | 1,114 | 14.813 | 18,439 | 1,557 | -1 | 2,649 | -R,255 | -3,790 |
| Mar. 6 | 53,514 | 14,198 | 2,068 | -1,803 | 20.223 | 18,532 | 3.823 | 19 | 3.632 | -8,817 | 1,638 |
| 13 | 51,956 | 14,672 | 1.749 | -4,912 | 20,412 | 16,142 | 2,773 | -6 | 4,397 | -8,750 | 5.498 |
| 20 | 44.690 | 13,809 | 1,151 | -6,653 | 19.390 | 14,603 | 2,046 | -25 | 4.401 | -8.285 | 4.246 |
| 27 | 46,433 | 14,342 | 625 | -4,467 | 18.456 | 15,718 | -3,026 | -128 | 5,719 | -7,853 | 6.998 |
| Apr. 3 | 39,084 | 11,123 | 858 | -1,988 | 16,693 | 16.817 | $-4,819$ | -75 | 5,200 | -8,005 | 2,680 |
| 10 | 34,889 | 10.255 | 705 | -4.252 | 17,372 | 16.350 | -3,712 | -14 | 5.512 | -8,539 | 1,251 |
| 17 | 37,605 | 13.109 | 1,019 | -4,602 | 18,862 | 16.336 | -2,927 | 3 | 6.177 | -7,916 | -2,663 |
| 24 | 35,876* | 12,198* | 1.648* | -5,840* | 18,671* | 18.679* | -2,993* | 10* | 5,678* | -7.411* | -4.765 |
| May 1 | 38,156* | 9,513* | 1.545* | -4.626* | 18, 028* | 19,493* | 115* | 67* | 5,380* | -7,34** | -4,012* |
| 8 | 37,971* | 11.392* | 1, 266* | -4,611** | 19,243* | 19.984* | -2,752* | 104* | 6,690* | -7.394* | -5,891* |
| 15 | 26.842* | 9,973* | 1,195* | -946* | 19,514* | 18,306* | -7,404* | $1108 *$ | 6,943* | -7,903* | -12,944* |

NOTE: Government securities dealer cash positions consist of securlies alresdy delivered, com
mincers to buy (sell) eecurities on an oultight basis for immediale delivery ( 5 business days or less)
ward posilions include all other commitments involving (more than 5 business days) Futures and to
don organized exchanges. commiments invoiving delayed delivery; futures contracis are arrang

1. Cash plus forward plus fulures positions in Treasury, Iederal agency, and private short-term socurities.

- Strictly conlidential

| Parlod | Treasury bills not change ${ }^{2}$ | Treasury coupons nel purchases ${ }^{3}$ |  |  |  |  | Federal agencies net purchases4 |  |  |  |  | $\begin{gathered} \text { Nel change } \\ \text { outright } \\ \text { holdings } \\ \text { totals } \end{gathered}$ | Net RPs ${ }^{\circ}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | within 1.year | 1.5 | 5-10 | Over 10 | total | within 1-year | 1.5 | 5-10 | ovar 10 | total |  |  |
| 1980 | -3,052 | 912 | 2,138 | 703 | 811 | 4,564 | 217 | 298 | 29 | 24 | 668 | 2,035 | 2,462 |
| 1981 | 5,337 | 294 | 1,702 | 393 | 379 | 2.768 | 133 | 360 | -- | -- | 494 | 8,491 | 684 |
| 1982 | 5,698 | 312 | 1,794 | 388 | 307 | 2,803 | -- | -- | -- | -- | $\cdots$ | 8,312 | 1,461 |
| 1983 | 13,068 | 484 | 1,896 | 890 | 383 | 3,653 | -- | -- | -- | -- | -- | 16,342 | -5,445 |
| 1984 | 3,779 | 826 | 1,938 | 236 | 441 | 3,440 | -- | -- | -- | -- | -- | 6,964 | 1,450 |
| 1983-QTR. IV | 4,738 | 155 | 820 | 349 | 151 | 1,474 | -- | -- | -- | -- | -- | 6,120 | -10,739 |
| 1984--QTR. I | -1,168 | - | -- | -300 | -7 | -300 | -- | -- | -- | -- | -- | -1,555 | -286 |
| II | 491 | 198 | 808 | 200 | 277 | 1,484 | -- | -- | -- | -- | -- | 1,918 | 70 |
| III | -424 | 600 | -- | - | -- | 600 | -- | -- | -- | -- | -- | 169 | 1,982 |
| IV | 4,880 | 28 | 1,130 | 335 | 164 | 1,657 | -- | -- | -- | -- | -- | 6.432 | -316 |
| 1985-QTR. I | -2,044 | 961 | 465 | -100 | -- | 1,326 | -- | -- | -- | -- | -- | -735 | 462 |
| 1984--Hov. | 4,463 | 146 | 830 | 335 | 164 | 1,475 | -- | -- | -- | -- | -- | 5,848 | 3,612 |
| Dec. | 3,410 | 182 | -- | -- | -- | 182 | -- | -- | -- | -- | -- | 3,591 | -123 |
| 1985-Jan. | -4,268 | -- | $\cdots$ | -100 | -- | -100 | -- | -- | -- | -- | -- | -4,368 | -2,315 |
| Peb. | 2,362 | - | - | - | -- |  | -- | -- | -- | -- | -- | 2,345 | 3,095 |
| Mar. | -138 | 961 | 465 | - | -- | 1,426 | -- | -- | -- | -- | -- | 1,289 | -318 |
| 1985-Peb. 13 |  | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -392 | 2,464 |
| $20$ | 341 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 341 | 383 |
| 27 | 2,128 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2,128 | -5,003 |
| Mar. 6 | 801 | 961 | 465 | - | -- | 1,426 | -- | -- | -- | -- | -- | 2,227 | 2,507 |
| 13 | -1,054 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -1,054 | 974 |
| 20 | -- | -- | -- | -- | - | -- | - | -- | -- | -- | -- | -- | -1,287 |
| 21 | 60 | - | -- | -- | - | -- | -- | -- | -- | -- | -- | 60 | 241 |
| Apr. 3 | 422 | -- | -- | $\cdots$ | - | -- | -- | -- | -- | -- | -- | 422 | -751 |
| 10 | 1,883 | -- | -- | -- | - | -- | -- | -- | -- | -- | -- | 1,883 | 1,684 |
| 17 | 2,691 | 245 | 846 | 108 | 96 | 1,295 | -- | -- | -- | $\cdots$ | -- | 3,985 | -1,954 |
| 24 | 1,388 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1,387 | 891 |
| May 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10,500 |
| 8 | -- | -- | -- | -- | -- | -- | -- | $\cdots$ | -- | -- | -- | -- | -7,202 |
| 15 | -880 | -- | -- | - | -- | -- | -- | -- | -- | -- | -- | -888 | -4,922 |
| Level--May 16 | 73.6 | 17.6 | 37.1 | 15.3 | 20.8 | 90.8 | 2.6 | 4.1 | 1.2 | . 4 | 8.4 | 176.8 | -4.1 |

1 Change from end of period to end of period.
2 Outright transactions in market and with foreign accounts, and redemptions ( - ) in bill auctions
3 Outright transactions in market and with foreign accounts, and short term notes acquired in ex change for maturing bills. Excludes redemptions, maturity shifts, rollovers of maturing coupon issues, and direct Treasury borrowing from the System
4 Outright transuctions in market and with foreign eccounts only. Excludes redemptions and maturity shifts.

5 In addition to the net purchases of securities, also reflects changes in System holdings of bankers' acceptances, direct Treasury borrowing from the System and redemptuons (-) of agency and Trea sury coupon issues.
6 Includes changes in APs ( + ), matched sale purchase transactions ( - ) , and matched purchase sale inciudes changes $(+)$.


[^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 optimal 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/ Following the announcement and on thin, late hour trading, Treasury note and bond prices rose by about $3 / 4$ to a full point and bill rates dropped around 5 to 10 basis points.

[^2]:    1/ Average growth in May and June, given actual growth in April, needed to hit March FOMC paths.

