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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) Growth of the key monetary aggregates was somewhat slower in July than in June, but nonetheless the pace of expansion of $M-1 B$ and especially M-2 exceeded the Comittee's minimum targeted rates for the third quarter as a whole. M-1A still remains somewhat below its range for the QIV ' 79 to QIV ' 80 period, but $M-1 B$ is now at the lower end and $M-2$ near the upper end of their respective longer-run ranges. (See charts following page 9.) The gap between the growth rates of $M-1 A$ and $M-1 B$ remained wide in July, reflecting the continued strength of ATS accounts. The rapid growth of ATS balances may have been related to the surge in passbook savings generally, as well as to marketing efforts by banks to place themselves in better competitive position for the introduction of nationwide NOW accounts. The nontransactional component of $M-2$ maintained the advanced pace of other recent months, as money market mutual funds and overnight RPs, along with savings deposits, continued to expand sharply. Small time deposits, however, declined slightly in July. With large CDs continuing to run off, growth in M-3 once again fell well short of that in M-2.


M-IA
M-1B
M-2
M-3
Memo: Bank credit

Minimum Target Growth for June-September

7
8
8
--
(2) At its July meeting, the Committee again indicated that monetary expansion moderately in excess of its minimum targets should be accommodated by an increase in reserve paths. Such adjustments were made in the early part of the intermeeting period as money growth slightly exceeded the targets. After mid-July, however, as projections for both M-1B and M-2 placed them well above the Committee's targets, the reserve paths were not adjusted further to accomodate the additional demand for 1/ reserves. With the demand for reserves augmented by exceptionally high excess reserves, adjustment borrowings increased to an average of about $\$ 450$ million in late July and early August from about $\$ 80$ million in the first two weeks of the intermeeting period. As shown in the table below, both total and nonborrowed reserves grew only modestly in July, despite the continued rapid growth of the monetary aggregates. Not only did large denomination time deposits continue to decline, thereby releasing reserves to support growth in other deposits, but, in addition, a substantial proportion of the growth of the monetary aggregates was in nonreservable components. The relative strength of the monetary base reflected the comparatively rapid growth of currency.

## Growth in Reserve Aggregates (SAAR)

|  | QII | June | July |
| :---: | :---: | :---: | :---: |
| Nonborrowed reserves | 7.8 | 19.1 | 2.7 |
| Nonborrowed reserves plus special borrowings | 6.0 | 5.6 | 1.1 |
| Total reserves | 1.2 | -0.5 | 3.2 |
| Monetary base | 5.3 | 6.6 | 8.9 |
| Memo: (\$ millions) |  |  |  |
| Average level of member bank adjustment borrowing | 750 | 72 | 142 |
| Average level of special borrowings | 534 | 307 | 253 |

[^1](3) The federal funds market eased slightly following the July Committee meeting, with daily effective rates falling mainly in a range of $8 \frac{1}{2}$ to 9 percent compared to 9 to $9 \frac{1}{2}$ percent in the weeks just prior to the meeting. However, given the somewhat less accommodative provision of nonborrowed reserves by the System against a backdrop of an unusually large demand for excess reserves, the market tightened in late July and early August, and funds traded on some days in excess of the 10 percent discount rate established on July 25 . With the demand for excess reserves apparently subsiding, federal funds have traded most recently in a range of 8-3/4 to a little over 9 percent.
(4) Short-term yields generally fluctuated narrowly until late July when they came under substantial upward pressure in response to the firming of the funds market and to changes in expectations prompted by incoming monetary and economic data. Short-term rates are now roughly $1 / 2$ to $3 / 4$ of a percentage point above their levels at the time of the last meeting and 1 to $2-1 / 2$ percentage points above their June lows...The bank prime rate moved against this trend, dropping from $11 \frac{1}{2}$ to 11 percent and to $10-3 / 4$ at a few large banks. These latter institutions moved back to 11 percent in early August when market rates firmed.
(5) Bond yields also have risen about $1 / 2$ to $3 / 4$ percentage point since early July and are roughly $I \frac{1}{4}$ percentage point above their June lows. The rise in these yields apparently reflected, in addition to the tightening of the money markets and changing expectations, the continued heavy demands placed on capital markets by private and governmental borrowers. Public offerings of corporate bonds in July were just below the record secondquarter pace, as corporations continued to lengthen the maturity of their liabilities. Long-term offerings by State and local governments remained
sizable, and net coupon offerings by the Treasury have grown with the deepening deficit. In its largest mid-quarter financing operation since 1976, the Treasury offered $\$ 8 \frac{1}{4}$ billion of securities, raising $\$ 3 \frac{1}{2}$ billion of new cash.
(6) Bank credit is estimated to have expanded at a $6 \frac{1}{2}$ percent rate in July, following three months of decline, as holdings of securities increased sharply and total loans stopped declining. Business loans increased marginally, and real estate loans rose moderately; however, consumer loans probably fell again. Given the strength of core deposits and limited credit expansion, banks reduced slightly further their managed liabilities.
(7) Domestic chartered banks continued in July to advance funds to their foreign branches; from April to July net advances by these institutions totaled about $\$ 13$ billıon. About $\$ 3$ billion of these funds were used by foreign branches of member banks to finance lending to nonbank U.S. residents in the last three months; the level of such loans had been virtually unchanged for some time. At the same time, the interest rate spread in favor of Eurodollar deposits narrowed, contributing to a cessation of acquisitions by U.S. residents of such claims.
(8) The dollar was fairly stable on exchange markets over most of July, However, during the last week of the month, the rise in U.S. interest rates--coupled with further indications of an easing in foreign rates-sharply increased demand for the dollar. Relatively favorable U.S. trade figures for June also contributed to the dollar's strength. The dollar's rise since the July FOMC meeting amounted to 2 percent on a weighted-average basis, and by larger amounts against the mark, yen, and Swiss franc.
(9) The table on the next page shows seasonally adjusted annual rates of change, in percent, for selected monetary and financial flows over various time periods.

|  |  |  |  | Past <br> Three Months | Past Month |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1978 ${ }^{1 /}$ | $1979^{1 /}$ | $\begin{aligned} & \text { QII ' } 80 \\ & \text { over } \\ & \text { QIV } 79 \\ & \hline \end{aligned}$ | $\begin{gathered} \text { July ' } 80 \\ \text { over } \\ \text { Apr. } \quad 80 \\ \hline \end{gathered}$ | $\begin{gathered} \text { July ' } 80 \\ \text { over } \\ \text { June ' } 80 \\ \hline \end{gathered}$ |
| Nonborrowed reserves | 6.7 | 0.7 | 5.6 | 22.0 | 2.7 |
| Total reserves | 6.6 | 2.9 | 2.8 | 0.1 | 3.2 |
| Monetary base | 9.2 | 7.7 | 6.5 | 7.8 | 8.9 |
| Concepts of Money |  |  |  |  |  |
| $\mathrm{M}-1 \mathrm{~A}$ (Currency plus demand deposits) 2/ | 7.4 | 5.0 | 0.4 | 6.5 | 7.4 |
| M-1B (M-1A plus other checkable deposits) | 8.2 | 7.6 | 1.8 | 8.1 | 10.7 |
| M-2 (M-1B plus small time and savings deposits, money market mutual fund shares and overnight $R P^{\prime} s$ and Eurodollars) | 8.4 | 8.9 | 6.4 | 15.0 | 17.0 |
| M-3 (M-2 plus large time deposits and term RP's) | 11.3 | 9.8 | 6.9 | 11.2 | 11.5 |
| Bank Credit |  |  |  |  |  |
| Loans and investment of all commercial banks 3/ | 13.5 | 12.3 | 4.5 | -0.8 | 6.5 |
| Managed Liabilities of Banks |  |  |  |  |  |
| (Monthly average change in billions) |  |  |  |  |  |
| Large time deposits | 4.3 | 1.2 | 1.6 | -2.4 | -3.9 |
| Eurodollars 4/ | 0.6 | 1.8 | -2.2 | -4.9 | -3.0 |
| Other borrowings ${ }^{4 /}$ | 1.3 | 0.9 | 0.9 | 0.6 | 3.2 |
| Memo |  |  |  |  |  |
| Nonbank commercial paper | 0.3 | 0.9 | 2.2 | 2.4 | 0.6 |
| I/ QIV to QIV. |  |  |  |  |  |
| 2/ Other than interbank and U.S. Government |  |  |  |  |  |
| 3/ Includes loans sold to affiliates and branches. |  |  |  |  |  |
| 4/ Primarily federal funds purchases and securities sold under agreements to repurchase. |  |  |  |  |  |
| 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 institutions-which are derived from either end-of-month or Wednesday statement date figures. Growth rates for reserve measures in this and subsequent tables are adjusted to remove the effect of discontinuities from breaks in the series when reserve requirements are changed. |  |  |  |  |  |

Prospective developments
(10) Shown below, and depicted in the charts on the following pages, are two alternative sets of targets for the monetary aggregates for the current June to September policy period. The lower panel of the table shows the implied growth rates of the aggregates from July to September. Also indicated is a range for the federal funds rate over the intermeeting period that it is believed would accommodate either of these growth patterns. (Detailed data for these alternatives are contained in the tables on pp. 8 and 9.)

A1t. A
Alt. B
June to September

$$
\begin{aligned}
& M-1 A \\
& M-1 B \\
& M-2
\end{aligned}
$$

$$
9-1 / 4
$$

$$
12
$$

Implied:
July to September

| $6-3 / 4$ | $5-1 / 4$ |
| :--- | :--- |
| $8-1 / 2$ | $6-3 / 4$ |
| $9-1 / 4$ | $8-3 / 4$ |

Intermeeting range for funds rate
$8 \frac{1}{2}$ to 14
$8 \frac{1}{2}$ to 14
(11) Alternative A is indexed to the 7 percent growth rate of

M-1A for June to September that the Committee established at its last meeting, while alternative $B$ is a more restrictive specification formulated in light of the tendency for $\mathrm{M}-2$ to run high relative to its long-range target. Both alternatives call for slower growth in M-1B and $M-2$ over the next two months than has occurred in the last two. Even so, under either alternative, expansion of these aggregates over the third quarter would exceed the 8 percent minimum growth rates targeted

Alternative Levels and Growth Rates for Key Monetary Aggregates


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

|  | M-2 |  | M-3 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Alt. A | A1t. B | A1t. A | A1t. B |
| 1980--June | 1585.6 | 1585.6 | 1844.4 | 1844.4 |
| July | 1608.1 | 1608.1 | 1862.0 | 1862.0 |
| August | 1621.4 | 1621.0 | 1870.8 | 1870.5 |
| September | 1632.7 | 1631.4 | 1880.7 | 1879.6 |
| Growth Rates |  |  |  |  |
| Monthly |  |  |  |  |
| 1980--August | 9.9 | 9.6 | 5.7 | 5.5 |
| September | 8.4 | 7.7 | 6.4 | 5.8 |
| June ' 80 - <br> September ' 80 | 11.9 | 11.6 | 7.9 | 7.6 |
| Quarterly Average |  |  |  |  |
| 1980--QI | 714 | 71/4 | 7-3/4 | 7-3/4 |
| QII | $5 \frac{1}{2}$ | $5 \frac{1}{2}$ | 5-3/4 | 5-3/4 |
| QIII | 14 | 14 | 9-3/4 | $9 \frac{1}{2}$ |
| QIV | $8 \frac{1}{2}$ | $7 \frac{1}{2}$ | 8 | 7-3/4 |
| 1979 QIV to 1980 QII | 6.4 | 6.4 | 6.9 | 6.9 |
| 1980 QII to 1980 QIV | 12 | $11^{\frac{1}{2}}$ | 9 | 8-3/4 |
| 1979 QIV to 1980 QIV | $9 \frac{1}{4}$ | 9 | 8 | 8 |

NOTE: The following annual rates of growth in bank credit for the year and for the quarters are expected under alternative $A$ : year $1980,5 \frac{1}{4} ;$ QI, $9 \frac{1}{2} ;$ QIL, $-\frac{1}{2}$; QIII, $3 \frac{1}{4}$; QIV 8 $\frac{1}{2}$. Only minor variations in growth rates would be expected under alternative $B$.

Actual and Targeted M-1A and M-1B


Actual and Targeted M-2 and M-3


* Note: $A$, and $B$ alternatives are indistinguisnable on this scale.
by the Coumittee in July, and the September level of $M-2$ would be above the upper end of that aggregate's 6 to 9 percent QIV ' 79 to QIV ' 80 growth range. The specifications of both alternatives embody an assumption that the recent rise in market interest rates will contribute to a slowing of the extraordinarily rapid growth of ATS balances and regular passbook savings that has occurred in recent months. Growth of MMM shares is also expected to moderate further as these yields appear less attractive relative to those on other investments. The slower savings deposit and MMM growth is expected to be partly offset by a pick-up in small time deposit expansion as $M M C$ yields rise and as growth in the 30 -month SSCs continues strong. These projections imply that the gaps between the growth rates of $M-1 A$ and $M-1 B$, on the one hand, and $M-1 B$ and $M-2$, on the other, will narrow substantially from what has occurred in the past two months.
(12) Under alternative A, given the demand for transactions balances implied by the staff's stronger economic projection for the current quarter, money market interest rates are likely to remain at the higher levels attained recently. Aggregate credit demands may pick up, especially in the household sector. The runoff in consumer installment debt likely will slow, while the demand for home mortgages probably will strengthen somewhat. Borrowing by the Treasury and state and local governments will remain quite large. In the business sector, although total borrowing probably will rise in coming weeks, a significant portion of the increase will reflect a rebuilding of liquidity positions.
(13) To achieve the growth in the aggregates specified under alternative A, total reserves would have to expand at about a $5 \frac{1}{2}$ percent annual rate from July to September. Assuming a level of member bank borrowing (excluding special borrowings) of about $\$ 100$ million, nonborrowed
reserves would expand at about a $6-1 / 4$ percent anmual rate. With member bank borrowings at such minimal levels, the federal funds rate would be expected to fluctuate around the current 10 percent discount rate.
(14) Alternative $B$ calls for a slower expansion in the aggregates-with growth of $M-1 A$ below the minimum targets adopted by the Committee last month-in order to counter the tendency for $M-2$ growth to exceed the Comittee's longer-run range. To achieve the alternative $B$ targets, growth in total reserves at about a 5 percent annual rate would be required. With adjustment borrowings assumed to be about $\$ 200$ million, nonborrowed reserves would expand at a $4-1 / 4$ percent annual rate. At the current discount rate, these specifications suggest that the federal funds rate would move toward the 11 percent area in the intermeeting period. Interest rates would be expected to rise throughout the maturity spectrum. The bank prime rate almost certainly would be increased, and home mortgate rates, already under upward pressure from recent increases in other interest rates, probably also would rise significantly-especially in light of the greater concerns about deposit flows that would develop among lenders. The recent strength of the dollar in foreign exchange markets probably would continue, moderated by U.S. official purchases of foreign currencies to repay swap debt.
(15) A simple extrapolation of the June to September target for M-1A under alternative A would yield a 4 percent growth of this aggregate for the QIV ' 79 to QIV ' 80 period. Alternative B could be viewed as consistent with M-1A growth over the longer period of $3 \frac{1}{2}$ percent-the lower bound of the Committee's long-run range. In either case, interest rates at year-end would be expected by the staff to be significantly higher than current levels, given our GNP projection. Even with such an increase
in rates, M-2 growth for the QIV ' 79 to QIV ' 80 period is likely to be near or above the upper end of its 6 to 9 percent long-run growth range.


## Directive language

(16) Given below are suggested operational paragraphs for the directive consistent with the form of the directive adopted at the July meeting. The language continues to call for expansion of reserve aggregates at a pace consistent with the desired rates of monetary growth over the third quarter, provided that the weekly average federal funds rate remains within a specified range. The specifications adopted at the July meeting are shown in strike-through form.

In the short run, the Committee seeks expansion of reserve aggregates consistent with growth of $M-1 A, M-1 B$, and $M-2$ over the third quarter of 1980 at annual rates of about 7 __ percent, 8 __ percent, and 8 __ percent, respectively, provided that in the period before the next regular meeting the weekly average federal funds rate remains within a range of $8-7+2-\mathrm{Ee}-\mathrm{E4}$ __ to ___ percent.

If it appears during the period before the next meeting that the constraint on the federal funds rate is inconsistent with the objective for the expansion of reserves, the Manager for Domestic Operations is promptly to notify the Chairman who will then decide whether the situation calls for supplementary instructions from the Committee.

Reserve Targets and Related Reserve Measures for 5 -Week Period Ending August 13
(\$ millions, not seasonally adjusted)

Targets for
5-week Average Total Nonborrowed $\frac{\text { Reserves }}{(1)} \frac{\text { reserves } 1 /}{(2)}$

As of:

| July 11 | 41,602 | 41,527 |
| :--- | :--- | :--- |
| July 18 | $41,535 \underline{2} /$ | 41,460 2/ |
| July 25 | 41,505 | 41,430 |
| Aug. 1 | 41,455 | 41,380 |
| Aug. 8 | 41,480 | 41,405 |

Projections for 5 -week Average

| Total <br> Reserves | Required <br> Reserves | Excess <br> Reserves | Borrowings |
| :---: | :---: | :---: | :---: |
| 41,602 | 41,384 | 218 | 75 |
| 41,535 | 41,273 | 262 | 75 |
| 41,538 | 41,335 | 203 | 108 |
| 41,512 | 41,240 | 272 | 132 |
| 41,640 | 41,196 | 444 | 235 |

1/ Includes special borrowings.
2/ In line with the decision of the FOMC, the targets as of July 18 reflected projections of reserves needed to accommodate greater expansion in deposits and money. This greater expansion was believed achievable with fewer reserves than were specified in the targets set on July 11 because of multiplier shifts. The reserve targets set on July 18 were retained in subsequent weeks, except for adjustments to reflect multiplier shifts.
table 1
SELEGTED INTEREST RATES
(Percent)

STRICTLY CONFIDENTIAL (FR) CLASS II - FOMC

|  | Short-term |  |  |  |  |  |  | Long-term |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Federal } \\ \text { funds } \end{gathered}$ | Treasury Bills |  |  | CDs <br> Secondary <br> Market <br> 3-mo |  | BankPrimeRate | U.S. Govt. Constant Maturity Yields |  |  | Corp.-Aaa Utility |  | Municipal Bond Buyer | Home Mortgages |  |  |
|  |  |  |  |  | Primary Conv. |  |  |  |  |  | Secondary Market |  |
|  |  | Market |  | Auction |  |  |  |  |  |  |  |  | New | Recently | FNMA | GNMA |
|  |  | 3-mo | 1-yr | 6-mo |  |  |  | 3-yx | 10-yr | 30-yr | Issue | offered |  | Auc. | Sec. |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |  | (13) | (14) | (15) | (16) |
| 1979--High | 15.61 | 12.60 | 11.89 | 12.65 | 14.53 | 14.26 | 15.75 | 11.68 | 10.87 | 10.42 | 11.50 | 11.45 | 7.38 | 12.90 | 13.29 | 11.77 |
| Low | 9.93 | 8.85 | 8.64 | 8.87 | 9.84 | 9.66 | 11.50 | 8.76 | 8.79 | 8.82 | 9.40 | 9.39 | 6.08 | 10.38 | 10.42 | 9.51 |
| 1980--High | 19.39 | 15.61 | 14.39 | 15.70 | 18.04 | 17.60 | 20.00 | 14.29 | 13.33 | 12.73 | 14.22 | 14.12 | 9.44 | 16.35 | 15.93 | 14.17 |
| Low | 8.68 | 6.49 | 7.18 | 6.66 | 8.17 | 7.97 | 11.00 | 8.61 | 9.51 | 9.54 | 10.53 | 10.79 | 7.11 | 12.18 | 12.28 | 10.73 |
| 1979--July | 10.47 | 9.24 | 8.87 | 9.19 | 10.11 | 9.87 | 11.54 | 8.94 | 8.95 | 8.93 | 9.58 | 9.53 | 6.13 | 11.09 | 10.66 | 9.77 |
| Aug. | 10.94 | 9.52 | 9.16 | 9.45 | 10.71 | 10.43 | 11.91 | 9.14 | 9.03 | 8.98 | 9.48 | 9.49 | 6.20 | 11.09 | 10.67 | 9.90 |
| Sept. | 11.43 | 10.26 | 9.89 | 10.13 | 11.89 | 11.63 | 12.90 | 9.69 | 9.33 | 9.17 | 9.93 | 9.87 | 6.52 | 11.30 | 11.09 | 10.31 |
| Oct. | 13.77 | 11.70 | 11.23 | 11.34 | 13.66 | 13.23 | 14.39 | 10.95 | 10.30 | 9.85 | 10.97 | 10.91 | 7.08 | 11.64 | 12.52 | 11.25 |
| Nov. | 13.18 | 11.79 | 11.22 | 11.86 | 13.90 | 13.57 | 15.55 | 11.18 | 10.65 | 10.30 | 11.42 | 11.36 | 7.30 | 12.83 | 12.75 | 11.57 |
| Dec. | 13.78 | 12.04 | 10.92 | 11.85 | 13.43 | 13.24 | 15.30 | 10.71 | 10.39 | 10.12 | 11.25 | 11.33 | 7.22 | 12.90 | 12.49 | 11.35 |
| 1980--Jan. | 13.82 | 12.00 | 10.96 | 11.85 | 13.39 | 13.04 | 15.25 | 10.88 | 10.80 | 10.60 | 11.73 | 11.77 | 7.35 | 12.88 | 12.91 | 11.94 |
| Feb. | 14.13 | 12.86 | 12.46 | 12.72 | 14.30 | 13.78 | 15.63 | 12.84 | 12.41 | 12.13 | 13.57 | 13.35 | 8.16 | 13.03 | 14.49 | 13.16 |
| Mar. | 17.19 | 15.20 | 14.03 | 15.10 | 17.57 | 16.81 | 18.31 | 14.05 | 12.75 | 12.34 | 14.00 | 13.90 | 9.17 | 15.28 | 15.64 | 13.79 |
| Apr. | 17.61 | 13.20 | 11.97 | 13.62 | 16.14 | 15.78 | 19.77 | 12.02 | 11.47 | 11.40 | 12.90 | 12.91 | 8.63 | 16.33 | 14.61 | 12.64 |
| May | 10.98 | 8.58 | 8.66 | 9.15 | 9.79 | 9.49 | 16.57 | 9.44 | 10.18 | 10.36 | 11.53 | 11.64 | 7.59 | 14.26 | 12.88 | 11.30 |
| June | 9.47 | 7.07 | 7.54 | 7.22 | 8.49 | 8.27 | 12.63 | 8.92 | 9.78 | 9.81 | 10.96 | 11.00 | 7.63 | 12.71 | 12.35 | 11.07r |
| July | 9.03 | 8.06 | 8.00 | 8.10 | 8.65 | 8.41 | 11.48 | 9.27 | 10.25 | 10.24 | 11.60 | 11.41 | 8.13 | 12.19 | 12.66 | 11.60 |
| 1980--June 4 | 10.74 | 7.71 | 8.10 | 8.17 | 8.88 | 8.85 | 14.07 | 9.31 | 10.21 | 10.32 | 11.45 | 11.28 | 7.67 | 13.06 | -- | 11.52 |
| 11 | 9.68 | 6.89 | 7.47 | 6.94 | 8.54 | 8.28 | 13.14 | 8.96 | 9.82 | 9.87 | 10.91 | 10.85 | 7.53 | 12.85 | 12.42 | 10.89 |
| 18 | 8.99 | 6.49 | 7.18 | 6.66 | 8.17 | 7.97 | 12.36 | 8.61 | 9.51 | 9.54 | 10.53 | 10.79 | 7.55 | 12.58 | - | 10.79 |
| 25 | 9.08 | 7.12 | 7.49 | 7.11 | 8.36 | 8.08 | 12.04 | 8.78 | 9.63 | 9.64 | 10.90 | 11.08 | 7.76 | 12.35 | 12.28 | 10.73 |
| July 2 | 9.41 | 7.82 | 7.84 | 8.10 | 8.59 | 8.30 | 12.00 | 9.17 | 10.06 | 10.02 | 11.50 | 11.18 | 7.88 | 12.18 | -- | 11.42 |
| 9 | 9.26 | 8.02 | 7.82 | 8.11 | 8.65 | 8.37 | 11.79 | 9.07 | 10.11 | 10.11 | 11.48 | 11.26 | 7.95 | 12.23 | 12.53 | 11.42 |
| 16 | 8.98 | 8.02 | 7.98 | 8.11 | 8.72 | 8.41 | 11.50 | 9.23 | 10.21 | 10.22 | 11.54 | 11.33 | 8.03 | 12.18 | -- | 11.61 |
| 23 | 8.68 | 7.90 | 7.89 | 7.91 | 8.55 | 8.37 | 11.50 | 9.16 | 10.17 | 10.16 | 11.65 | 11.44 | 8.19 | 12.18 | 12.78 | 11.66 |
| 30 | 8.98 | 8.19 | 8.18 | 8.28 | 8.61 | 8.42 | 11.07 r | 9.46 | 10.41 | 10.38 | 11.92 | 12.00 | 8.59 | 12.25 | -- | 11.71 |
| $\text { Aug. } \begin{array}{r} 6 \\ 13 \\ 20 \\ 27 \end{array}$ | 9.60 | 8.65 | 8.62 | 8.87 | 9.33 | 9.01 | 11.00 | 9.92 | 10.74 | 10.73 | 12.01p | 12.10p | 8.61 | n.a. | 13.58 | 12.34 |
| Daily--July 31 | 9.93 | 8.62 | 8.63 | -- | 8.90 | 8.65 | 11.00x | 9.95 | 10.76 | 10.80 | -- | -- | -- | -- | -- | -- |
| Aug. 7 | 8.86 | 8.38 | 8.55 | -- | 9.16 | 8.76 | 11.00 | 9.86 | 10.71 | 10.68 | -- | -- | -- | -- | -- | -- |







 carrying the coupon rate 50 basis points below the current FHA/VA ceiling.

|  | Treasury Bills Net Change 2/ | Treasury Coupona Net Purchases 3/ |  |  |  |  | Federal Agenciea Net Purchases 4/ |  |  |  |  | Net Change Outright Holdings Total $5 /$ | Net RPs 6/ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | With1n <br> 1-year | 1-5 | 5-10 | Over 10 | Total | Within <br> 1 year | 1-5 | 5-10 | Over 10 | Total |  |  |
| 1975 | -468 | 337 | 3,284 | 1,510 | 1,070 | 6,202 | 191 | 824 | 460 | 138 | 1,613 | 7,267 | 1,272 |
| 1976 | 863 | 472 | 3,025 | 1,048 | . 642 | 5,187 | 105 | 469 | 203 | 114 | . 891 | 6,227 | 3,607 |
| 1977 | 4,361 | 517 | 2,833 | 758 | 553 | 4,660 | -- | 792 | 428 | 213 | 1,433 | 10,035 | -2,892 |
| 1978 | 870 | 1,184 | 4,188 | 1,526 | 1.063 | 7,962 | -47 | 45 | 104 | 24 | . 127 | 8,724 | -1,774 |
| 1979 | 6,243 | 603 | 3,456 | 523 | 454 | 5,035 | 131 | 317 | 5 | -- | 454 | 10,290 | -2,597 |
| 1979--Qtr. II | 465 | 42 | 640 | -* | -- | 682 | 110 | 258 | 2 | -- | 371 | -1,795 ${ }^{\text {// }}$ | 2,542 |
| 1979- III | 5,363 | 395 | 1,289 | 309 | 310 | 2,302 | 191 | 288 | 3 | -- | 482 | 8,1298/ | -2,019 |
| IV | 4,164 | 118 | 1,101 | 81 | 51 | 1,351 |  | -- | -- | -- |  | 4,839 | -3,801 |
| 1980--Qtr. ${ }_{\text {II }}^{\text {I }}$ | $\begin{array}{r} -2,945 \\ 3,249 \end{array}$ | ${ }^{292} 110^{\prime} /$ | 1.516 ${ }^{355}$ / | 107 359 | 81 410 | $\begin{array}{r} 836 \\ 2,395 \end{array}$ | 217 | 398 | 29 | 24 | 668 | $-2,114$ | $\begin{array}{r} 362 \\ , \quad 373 \end{array}$ |
| 1980--Feb. | -1,803 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -1,803 | 900 |
| Mar. | 1,370 | 292 | 355 | 107 | 81 | 836 | -- | -- | -- | -- | -- | 2,201 | -705 |
| Apr . | 2,321 | 109 | 373 | 62 | 64 | 607 | 217 | 398 | 29 | 24 | 668 | 3,594 | -1,012 |
| May | 606 | 1559/ | 4059/ | 133 | 216 | 909 | -- | -- | -- | -- | -- | 1,515 | 4,655 |
| June | 322 | -153 | 738- | 164 | 129 | 878 | -- | -- | -- | -- | -- | 1,198 | -1,271 |
| July | -3,214 | -- | -- | -- | -- | -- | - | -- | -- | -- | -- | -3,216 | -1,307 |
| 1980--June 4 | 51 | -274 ${ }^{\text {/ }}$ | 274 9 | -- | -- | -- | -- | - | -- | -- | -- | 51 | -3,421 |
| 11 | 96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 94 | -280 |
| 18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | - | 222 |
| 25 | 100 | 121 | 465 | 164 | 129 | 878 | -- | -- | -- | -- | -- | 978 | -3,545 |
| July 2 | 75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 75 | 3,162 |
| $9$ |  | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -2,660 |
| 16 | -530 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -532 | 3,908 |
| 23 | -530 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -530 | 2,152 |
| 30 | -1,366 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -1,366 | -4,476 |
| $\begin{aligned} & \text { Aug. } \\ & 13 \\ & 20 \end{aligned}$ | -789 | -- | -- | -* | -- | -- | -- | -- | -- | - | -- | -789 | -9,456 |
| 27 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LEVEL-AUg. 6 <br> (in billions) | 47.1 | 13.1 | 33.4 | 13.6 | 14.1 | 74.3 | 2.2 | 4.7 | 1.3 | 0.7 | 8.9 | 130.3 | -12.1 |

$\frac{\text { (in billions) }}{\text { I/ Ghange from end-of-period to end-of-period. }}$

2/ Outright transactions in market and with foreign accounts, and redemptions (-) in bill auctiona,
 shifts, rollovers of maturing coupon isaues, and direct freasury borrowing from the System.
4/ Outright transactions in market and with foreign accounts only. Excludes redemptions and maturity shifts,
 System and redemptions (-) of agency and Treasury coupon isaues.
6/ Includes changes in both RPs ( + ) and matched sale-purchase transactions ( - ).
 new 2 -year notes.
 dilaund minntaher 9 and 10 the hilis were pxhhangen for new ?- and 4-vear notes. resnectivelv

|  | U.S. Govt. Security Dealer Positiona |  | Uaderwiting Symdicate Poaltione |  | Member Bank Reserve Pobithong |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Excesat* | Borrow | B** |
|  | Billa | Coupon Issues |  |  | Corporate Bonds | Municipal Bonds | Reserves | Total | Seasonal |
| 1979--High | 8,091 | 902 | 283 | 404 | 726 | 2,960 | 207 |
| Low | 138 | -2,569 | 0 | 53 | -122 | 628 | 93 |
| 1980--H1gh | 8,838 | 2,216 | 299 | 466 | 1,080p | 3,439 | 177 |
| Low | 1,972 | -1.482 | 0 | 32 | -228p | 215p | ${ }^{5} \mathbf{p}$ |
| 1979--July | 3,161 | -658 | 66 | 280 | 211 | 1,171 | 182 |
| Aug. | 996 | -179 | 32 | 299 | 222 | 1,085 | 179 |
| Sept. | 2,392 | -1,608 | 142 | 52 | 191 | 1,340 | 174 |
| Oct. | 2,289 | -1,576 | 75 | 152 | 264 | 2,023 | 155 |
| Nov. | 4,427 | -514 | 17 | 106 | 244 | 1,911 | 140 |
| Dec. | 5,760 | -1,901 | 34 | 164 | 398 | 1,473 | 81 |
| 1980--Jan. | 4,380 | -944 | 42 | 117 | 251 | 1,241 | 74 |
| Feb. | 2,937 | -212 | 3 | 87 | 211 | 1,655 | 97 |
| Mar. | 2,964 | -659 | 37 | 59 | 204 | 2,823 | 151 |
| Apr . | 7,838 | 167 | 48 | 89 | 261 P | 2,456p | 156p |
| May | 4,008 | 1,372 | 69 | 138 | 181p | 1,018p | 63p |
| June | 3,724 | 1,429 | 112 | 264 | 214p | 379p | $11 p$ |
| July | *4,581 | *634 | 154 | 310 | 367p | 395p | ${ }^{6 p}$ |
| 1980--June 4 | 4,599 | 1,506 | 15 | 178 | 468p | 459p | 21p |
| 11 | 4,788 | 2,216 | 0 | 226 | 90p | 401p | 13p |
| 18 | 3,489 | 1,170 | 299 | 184 | 164p | 396p | $11 p$ |
| 25 | 3,376 | 902 | 132 | 466 | 202p | 318p | 8p |
| July 2 | 2,321 | 858 | 70 | 349 | 271p | 348p | 5p |
| 9 | 3,103 | 843 | 288 | 342 | 506p | 215p | 5 p |
| 16 | 3,691 | 213 | 98 | 237 | 340p | 332p | 5p |
| 23 | *5,853 | *63 | 160 | 312 | -16p | 354p | 7p |
| 30 | *5,630 | *1,404 | 188 | 253 | 564 p | 629 p | 7p |
| $\text { Aug. } \begin{array}{r} 6 \\ 13 \end{array}$ | *5,332 | * 849 | 90p | 147 | 1,080p | 828p | 7 p |
| 20 27 |  |  |  |  |  |  |  |

NOTE: Government security dealer trading positions are on commitment basis. Trading positions, which exclude Treasury securities financed by repurchase agrements maturing in 16 days or more, are indicators of dealer holdinga avallable for sale over the nearterm. Underwiting syndicate positions consist of is aues otili in mydicate, excluding trading positions. Weekly data are daily averages for statement weeks, except for corporate and municipal issues in sydicate, which are friday figures.

* Strictly confidential.
** Monthly averages for excess reserves and borrowings are weighted averages of statement week figures.


[^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/ See Appendix I for the pattern of reserve targets established over the intermeeting period.

