## 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) Growth of the narrow monetary aggregates accelerated sharply to record rates in August and thus far in the third quarter is well above the targets established by the Committee for the June to September period, as shown in the first three columns of the table below. Nonetheless, these monetary aggregates are within the Comittee's target ranges for the whole year 1980 -with growth of $M-1 A$ in the lower half and of $M-1 B$ in the upper half, as shown in the last two column of the table. M-2 is also running above the Committee's chree-month path, but unlike the narrow aggregates, growth for the year to date is above the Committee's longer-run range.

| Monetary Aggregates | July | August | Target Growth for June to September (3 months) | Growth from QIV '79 to Aug. ' 80 | Target <br> Range for 1980 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| M-IA | 7.8 | 19.6 | $6 \frac{1}{2}$ | 4.2 | $3 \frac{1}{2}$ to 6 |
| M-1B | 11.1 | 21.9 | 9 | 6.0 | 4 to 61/2 |
| M-2 | 17.7 | 14.2 | 12 | 9.7 | 6 to 9 |
| M-3 | 13.4 | 13.6 | -- | 9.1 | $6{ }^{\frac{1}{2}}$ to $9{ }_{1}^{1}$ |
| Memo: Bank Credit | 7.6 | 17.1 | -- | 5.3 | 6 to 9 |

(2) Early in the intermeeting period, when evidence of the record increase in $M-1 A$ and $M-1 B$ for the first week of August first became availabile, it became clear that the growth of the narrow monetary aggregates would probably exceed the Comittee's short-term objectives by a substantial amount and that total reserves would be running well above path as required reserves strengthened. Adherence to the nonborrowed reserve path over the intermeeting period led to a rising level of adjustment borrowing--from the $\$ 75$ million initially assumed to a peak weekly average Level of almost $\$ 1.2$ billion before falling back to about $\$ 535$ million in the most recent statement week. In recognition of the strength in total reserves, the nonborrowed reserve path was reduced late in the period. I/

## Growth in Reserve Aggregates (SAAR)

| Nonborrowed reserves | $\frac{\text { QII }}{7.6}$ | $\frac{\text { July }}{2.3}$ | $\frac{\text { August }}{8.5}$ |
| :--- | :---: | :---: | :---: |
| Nonborrowed reserves plus <br> special borrowing | 12.8 | 0.7 | 8.1 |
| Total reserves <br> Monetary base | 1.0 | 2.7 | 16.3 |
| Memo: (\$ millions) <br> Average level of member bank <br> adjustment borrowings | 5.2 | 8.4 | 15.0 |
| Average level of special <br> borrowings | 750 | 142 | 417 |

(3) The federal funds market firmed significantly following the August Comittee meeting, with the rate increasing from around $8 \frac{1}{2}$ to 9 percent at the time of the last meeting to the $10 \frac{1}{4}$ to $10 \frac{1}{2}$ percent area

[^1]in early September and to the $10 \frac{1}{2}$ to 11 percent zone most recently. Other short-term interest rates rose over the period as well, responding not only to the tighter funds market and the stronger money growth, but also to further indications of an improving economic outlook and the disappointing performance of measures of inflation. Rates fluctuated wicely around the rising trend, reflecting changing market expectations about the duration of the bulge in monetary growth and the System's response to it, On balance, Treasury bill rates and yields on private short-term paper are now $1 \frac{1}{4}$ to $1 \frac{1}{2}$ percentage points higher than at the time of the August meeting and 3 to $3-3 / 4$ percentage points above their early summer lows. The bank prime rate was raised from 11 to $12 \frac{1}{2}$ percent during the intermeeting period as banks' costs of funds rose.
(4) Bond fields rose by $\frac{1 / 4}{4}$ to $\frac{1}{2}$ of a percentage point after the August Comittee meeting, while mortgage rates rose by about $3 / 4$ of a percentage point. As long-tern markets tightened, debt offerings by corporations and State and local governments were reduced somewhat, although remaining quite large. Treasury coupon issues have been limited to offerings in regular note cycles since the mid-quarter financing.
(5) Bank credit expansion picked up to a 17 percent annual rate in August, the most rapid expansion since early in the first quarter. Banks continued to acquire securities at the rapid pace of other recent months, and lending by banks increased substantially last month. Loans to business firms in particular showed renewed strength as fncreases in bank loan rates lagged those of short-term market alternatives and as corporations relied less on capital markets. Nonfinanclal firms paid down outstanding comercial paper in August, in sharp contrast to the strong growth of outstanding paper in the first half of the year.
(6) Despite the substantial rise in short-term interest rates, the dollar has declined somewhat in foreign exchange markets on a weighted average basis since the August FOMC meeting. Although market participants also are beginning to show concern that the U.S. recession may be ending with little lasting effect on the rate of inflation, most of the intermeeting decline in the value of the dollar reflected the strength of the yen and sterling against all currencies.
(7) The table on the next page shows seasonally adjusted annual rates of change, in percents, for selected monetary and financial flows over various time periods.


[^2]
## Prospective developments

(8) Shown below are alternative sets of monetary aggregate targets for the four-month August to December period, and associated federal funds rate ranges for the intermeeting period. The relationship of the August to December targets to the Comittee's longer-run ranges is depicted in the charts following page 8. (Detailed data for these aggregates are contained in the tables on pp. 7 and 8.)

Alt. A Alt. B
Growth from August to
December in:

| M-1A | $5-1 / 4$ | $3-1 / 4$ |
| :---: | :--- | :--- |
| $M-1 B$ | $7-1 / 2$ | $5-3 / 4$ |
| $M-2$ | 9 | $8-1 / 2$ |
| Intermeeting range <br> for funds rate | 8 to 14 | 9 to 14 |

(9) Monetary growth rates for the final four months of the year proposed under these alternatives represent a substantial deceleration from the summer pace. A considerable slowing in money growth appears in train for September, a not unusual development after a month of exceptionally rapid increase, reinforced by the lagged effect on money demand of the considerable rise in short-term interest rates that has occurred since June. However, money demand is expected to be relatively strong over the last three months of the year, as transactions needs rise in reflection of the 11 percent annual rate of increase projected for nominal GNP. Under these circumstances, to restrain money growth between now and year-end to the pace specified by either alternative $A$ or $B$ would appear to imply a further rise of interest rates-with the rise under alternative B larger and occurring sooner.

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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--August | 1628.1 | 1628.1 | 1886.3 | 1886.3 |
| September | 1635.3 | 1635.2 | 1896.6 | 1896.5 |
| October | 1648.2 | 1647.2 | 1909.3 | 1908.8 |
| Growth Rates |  |  |  |  |
| Monthly |  |  |  |  |
| 1980--September | 5.3 | 5.2 | 6.6 | 6.5 |
| October | 9.5 | 8.8 | 8.0 | 7.8 |
| August ' 80 - <br> December ' 80 | 9.2 | 8.5 | 9.0 | 8.7 |
| Quarterly Average |  |  |  |  |
| 1980--QI | 7-1/4 | 7-1/4 | 7-3/4 | 7-3/4 |
| QII | 5-1/2 | 5-1/2 | 5-3/4 | 5-3/4 |
| QIII | 15 | 15 | 12-1/4 | 12-1/2 |
| QIV | 9-3/4 | 9 | 9-1/2 | 9 |
| 1979 QIV to 1980 QII | 6.4 | 6.4 | 6.8 | 6.8 |
| 1980 QII to 1980 QIV | 12-1/2 | 12-1/4 | 11 | 11 |
| 1970 QIV to 1980 QIV | 9-1/2 | 9-1/2 | 9 | 9 |

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

## Actual and Targeted $\mathrm{M}-1 \mathrm{~A}$ and $\mathrm{M}-1 \mathrm{~B}$




Actual and Targeted M-2 and M-3


* Note: A. and B. alternatives are indistinguishable on this scale.
(10) Under alternative $A$, the expansion in $M-1 A$ over the balance of the year at a 5-1/4 percent annual rate would produce growth over the one-year QIV ' 79 to QIV ' 80 policy period of $4-1 / 2$ percent, just below the midpoint of the Comittee's $3-1 / 2$ to 6 percent range. The gap between growth in $M-1 B$ and $M-1 A$ over the balance of the year is expected to be considerably wider than the $1 / 2$ point implicit in the Committee's longer-run targets, though narrower than the experience of summer when growth in NOW and ATS accounts accelerated in response to the same factors leading to a resurgence of savings deposits. From August to December, M-1B under alternative $A$ is expected to expand at a 7-1/2 percent annual rate, leading to growth for the year at the upper limit of its range.
(I1) Growth in M-2 under alternative A is projected to slow to a 9 percent annual rate over the balance of the year, a rate that would keep growth for the year above the upper end of the Committee's longer-run range. The expected slowing over the next few months mainly reflects reduced growth in the narrow money aggregates, but the increase in the nontransactions component of $M-2$ also is expected to be less rapid than in the summer. Growth in savings deposits has already slowed, and money market funds have actually been declining. The latter are expected to resume growing over the months ahead, as recent increases in market interest rates augment the average yield on their portfolio, but not at the very rapid pace of late spring and early summer.
(12) To achieve the growth in the aggregates specified under alternative $A$, total reserves would have to expand at about a 6 percent annual rate from August to December, and, given the near-term pattern of growth, by about a 7 percent annual rate from August to October. Assuming adjustment borrowing of around $\$ 600$ million--close to the average of recent
weeks but below the level expected for the current statement week--the nonborrowed reserve path would call for growth at little over a 4 percent annual rate from August to October, with the federal funds rate probably around 10-1/2-10-3/4 percent.
(13) Short-term interest rates are not expected to rise significantly further over the next few weeks under alternative A. Indeed, some temporary drop in short rates could occur as bank reserve positions under this alternative may be less taut than market participants currently expect. But business borrowing demand is expected to remain relatively large as the economy strengthens. The recent tilt in the distribution of borrowing toward short- from long-term markets could persist but the continuing need to restructure balance sheets is expected to keep long-term borrowing sizable over the months ahead. With shortrates remaining relatively high and the economy apparently strengthening, there appears to be little scope for declines in bond or mortgage rates. Indeed, mortgage rates could drift up a bit more under alternative $A$, in part reflecting the recent run-up in the cost of deposits.
(14) Alternative $B$ calls for about 2 percentage points less growth in $M-1 A$ and $M-1 B$ than alternative $A$ over the last four months of the year. For the one year QIV '79-QIV ' 80 period, growth in M-1A would be 4 percent and M-1B 6 percent, in the lower and upper halves of their respective ranges. $\mathrm{M}-2$ growth would also be slower under this alternative, but by considerably less than the narrow aggregates, as the restraining effect of rising market interest rates is blunted by upward adjustments in yields on interest-bearing deposits and other assets in M-2. Over the QIV '79-QIV ' 80 period, M-2 growth would remain above the Committee's upper limit under this alternative.
(15) The specifications for alternative $B$ would require total reserve growth from August to October at a little more than a 6 percent annual rate. Assuming adjustment borrowings of about $\$ 800$ million, nomborrowed reserves would expand at about a $1 / 2$ percent annual rate. Given this reserve path, the funds rate would probably be 11 percent or a little higher, and other short-term rates might edge up from current levels. Mortgage rates would probably rise noticeably further, as thrift institutions become increasingly concerned about the cost and availability of deposits. The dollar might take on a stronger tone in foreign exchange markets.

Directive language
(16) Given below are suggested operational paragraphs for the directive consistent with the form of the directive adopted at the August meeting. The language calls for expansion of reserve aggregates at a pace consistent with the desired rate of monetary growth over the last four months of the year, provided that the weekly average federal funds rate remains within a specified range. The specifications adopted at the August 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 thited-quaver-of- $\mathbf{1 9 8 9}$ AUGUST TO DECEMBER PERIOD at annual rates of about 6in $\qquad$ percent, 9 $\qquad$ percent, and 12 $\qquad$ percent respectively, provided that in the period before the next regular meeting the weekly average federal funds rate remains within a range of 8 ___ to $\neq 4$ ___ 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.

## Table 1

RESERVE TARGETS AND RELATED MEASURES FOR 5-WEEKS ENDED SEPTEMBER 17 (\$ millions, not seasonally adjusted)

|  | Targets for 5-Week Averages |  | Projections for 5-week Averages |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total Reserves | Non-borrowedReserves 1/ |  |  |  |  |
|  |  |  | Total | Required | Excess | Adjustment |
|  |  |  | Reserves | Reserves | Reserves | Borrowing |
|  | (1) | (2) | (3) | (4) | (5) | (3)-(2) |
| As of |  |  |  |  |  |  |
| August 15 | 40,111 | 40,036 | 40,239 | 40,009 | 230 | 203 |
| 22 | 40,111 | 40,036 | 40,393 | 40,134 | 259 | 357 |
| 29 | 40,261 | 40,186 ${ }^{\text {2/ }}$ | 40,623 | 40,389 | 235 | 437 |
| Sept. | 3/ | 40, 4/ |  |  |  |  |
|  | 40,311 | 40,086 ${ }^{-}$ | 40,596 | 40,305 | 291 | 510 |
| 12 | 40,311 | 40,086 | 40,691 | 40,396 | 295 | 605 |
| $1 /$ Includes special borrowings. |  |  |  |  |  |  |
| 2/ Reflects $\$ 150$ million adjustment for multiplier changes. |  |  |  |  |  |  |
| 3/ Reflects | \$200 million adjustment forfon to the adjustment noted |  | multipli | changes. |  |  |
| 4) In addit downward target. | - the adju stment be | ment noted ause total r | in footnot eserves ha | $\begin{aligned} & \text { 4, also } \\ & =\text { been rur } \end{aligned}$ | reflects a ning stead | $\begin{aligned} & 50 \text { million } \\ & \text { y above } \end{aligned}$ |


|  | Shart-term |  |  |  |  |  |  | Long-term |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Federal funds | Treasury Bills |  |  | CDSSecondaryMarket3 -mo | Comm. Paper 3-mo | Bank <br> Rate | U.S. Govt, Constant Maturity Yields |  |  | Corp. Aas Utility |  | Muni- <br> cipal <br> Bond <br> Buyer | Home Mortgages .... |  |  |
|  |  |  |  |  | Primary |  |  |  |  |  | Second | y market |  |
|  |  | Market |  | $\frac{\text { Auction }}{6-\mathrm{mo}}$ |  |  |  |  |  |  |  |  | New | Recently | Conv. | FNMA | GNMA |
|  |  | 3-mo | 1-yr |  |  |  |  | 3-yr | 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--Ang. | 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 |
| Now. | 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 |
| Fels. | 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 | 11.07 |
| 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 | 11.53 |
| Aug. | 9.61 | 9.13 | 9.39 | 9.44 | 9.91 | 9.57 | 11.12 | 10.63 | 11.10 | 11.00 | 12.32 | 12.31 | 8.67 | 12.56 | 13.92 | 12.34 |
| 1980--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 | -- | 11.58 |
| 23 | 8.68 | 7.90 | 7.89 | 7.91 | 8.55 | 8.37 | 11.50 | 9.16 | 10.17 | 10.16 | 11.64 | 11.44 | 8.19 | 12.18 | 12.78 | 11.45 |
| 30 | 8.98 | 8.19 | 8.18 | 8.28 | 8.61 | 8.42 | 11.07 | 9.46 | 10.41 | 10.38 | 11.92 | 12.00 | 8.59 | 12.25 | - | 11.67 |
| Aug. 6 | 9.60 | 8.65 | 8.62 | 8.87 | 9.33 | 9.01 | 11.00 | 9.92 | 10.74 | 10.73 | 12.03 | 12.10 | 8.61 | 12.25 | 13.58 | 11.99 |
| 13 | 8.85 | 8.60 | 8.81 | 8.89 | 9.33 | 8.96 | 11.00 | 10.07 | 10.90 | 10.91 | 12.36 | 12.27 | 8.53 | 12.55 | -- | 12.41 |
| 20 | 9.35 | 8.96 | 9.41 | 9.77 | 9.82 | 9.54 | 11.00 | 10.67 | 11.07 | 11.01 | 12.48 | 12.36 | 8.68 | 12.80 | 14.26 | 12.46 |
| 27 | 10.03 | 9.81 | 10.16 | 10.25 | 10.49 | 10.15 | 11.25 | 11.34 | 11.38 | 11.17 | 12.62 | 12.68 | 8.85 | 12.95 | -- | 12.48 |
| Sept. 3 | 10.47 | 9.97 | 10.08 | 10.25 | 10.93 | 10,61 | 11.50 | 11.28 | 11.46 | 11.18 | 12.34 | 12.42 | 8. 78 | 13.03 | 14.41 | 12.57 |
| 10 | 10.22 | 9.92 | 9.97 | 10.23 | 10.76 | 10.40 | 11.71 | 11.00 | 11.20 | 11.06 | 12.60p | 12.47p | 8.82 | n.a. | -- | 12.59 |
| $\begin{aligned} & 17 \\ & 24 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Daily Sept. 4 | 10.05 | 9.75 | 9.77 | -- | 10.53 | 10.06 | 11.50 | 10.86 | 11.16 | 11.02 | -- | -- | -- | -- | -- | -- |
| 11 | 10.47 | 10.14 | 10.24 | -- | 10.85 | 10.67 | 12.00 | 11.27 | 11.32 | 11.15 | -- | -- | -- | -- | -- | -- |

NOTE: Weekly data for columns 1,2 , 3 , and 5 through 10 are statement week averages of daily data. Weekly data in column 4 are average rates set in the
 week. Column 14 la an average of contract interest rates on comitments for conventional first mortgages with 80 percent loan-to-value ratios made by a sample of insured savings and loan associations on the Friday following the end of the statement week. The FNMA auction yield is the average yield in a

 nortgages carrying the coupon rate 50 basis points below the current fla/Va ceiling.

|  | Treasury Bills Net Change 2/ | Treasury Coupons Net Purchases 3/ |  |  |  |  | Federal Agencies Net Purchases $4 /$ |  |  |  |  | Net Change Outright Holdings Total 5/ | Net <br> RPs <br> $6 /$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Within <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. ${ }^{\text {I }}$ | 465 | 42 | 640 | -- | -- | 682 | 110 | 258 | 2 | -- | 371 | -1,795 ${ }^{7 /}$ | 2,542 |
|  | 5,363 | 395 | 1,289 | 309 | 310 | 2,302 | 1.91 | 288 | 3 | -- | 482 | 8,1298/ | -2,019 |
|  | 4,164 | 118 | 1,101 | 81 | 51 | 1,351 | -- | -- | -- | -- | -- | 4,839 ${ }^{\text {/ }}$ | -3,801 |
| 1980--Qtr. I | -2,945 | 2929/ | $3559 /$ | $107$ | $81$ | 836 | -- | -- | -- | -- | -- | -2,114 | 362 |
| II | 3,249 | $110^{-}$ | $1,516^{9}$ | 359 | $410$ | 2,395 | 217 | 398 | 29 | 24 | 668 | 6,307 | 2,373 |
| 1980--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 ${ }^{\prime \prime}$ | 164 | 129 | 878 | -- | -- | -- | -- | -- | 1,198 | -1,271 |
| July | -3,214 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -3,216 | -1,307 |
| Aug. | -47 | 137 | 541 | 236 | 320 | 1,234 | -- | -- | -- | -- | -- | 1,187 | -985 |
| 1980--July 29 | 75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 75 | 3,162 |
|  | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -2,660 |
|  | -530 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -532 | 3,908 |
|  | -530 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -530 | 2,152 |
|  | -1,366 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -1,366 | -4,476 |
| Aug. 6 | -789 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -789 | -9,456 |
| 13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5,482 |
| 20 | -- | 137 | 541 | 236 | 320 | 1.,234 | -- | -- | -- | -- | -- | 1,234 | 4,652 |
| 27 | -47 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -47 | -1,963 |
| Sept 3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -1,929 |
| 10 | -237 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -328 | 1,200 |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{gathered} \text { IEVEL-Sept } 10 \\ \text { (in billions) } \end{gathered}$ | 46.9 | 11.5 | 36.0 | 13.1 | 14.8 | 75.5 | 2.0 | 4.8 | 1.2 | 0.7 | 8.8 | 131.1 | -4.6 |

(in billions)
$\frac{1}{2} /$ Outright transactions in market and with foreign accounts, and redemptions (-) in bill auctions.
 shifts, rollovers of maturing coupon issues, and direct Treasury borrowing from the System,
4/ Outright transactions in market and with foreign accounts 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 borrowings from the System and redemptions ( - ) of agency and Treasury coupon issues.
6/ Includes changes in both RPs ( + ) and matched sale-purchase transactions ( - ).
 new 2-year notes.
8/ On October 1, 1979, $\$ 668$ million of maturing 2- and 4-year notes were exchanged for a like amount of short-term bills, because the note auctions were delayed. on october 9 and 10, the bills were exchanged for new 2- and 4-year notes, respectively.
9/ Maturing 2-yedr notes were exchanfed on Jume 2 for special 2-day bills. At their maturity the bills ware exchanged for new 2-year notes.

|  | V.S. Govt. Security Dealer Positions |  | Underwriting Syndicate Positions |  | Member Bank Reserve Positions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Excess** | Bprrowing at FRB** |  |  |  |
|  | bills | Coupon <br> Lsasues | Corporate Honds | Municipal Bonds | Reserves | Total | Seasonal | Special* | Adjustment |
| 1979~-H1gh | 8,091 | 902 | 283 | 404 | 726 | 2,960 | 207 |  | 2,866 |
| Low | 138 | -2,569 | 0 | 53 | -122 | 628 | 93 |  | 510 |
| 1980--H4gh | 8,838 | 2,263 | 299 | 466 | 1,080 ${ }^{\text {p }}$ | 3,439 | 177 | 816 | 3,298 |
| Low | 1,972 | -1,482 | 0 | 32 | -228p | 215p | 5p | 193 | 12 |
| 1979--Aug. | 996 | -179 | 32 | 299 | 222 | 1,085 | 179 |  | . 906 |
| Sept. | 2,392 | -1,608 | 142 | 52 | 191 | 1,340 | 174 |  | 1,167 |
| Oct. | 2,289 | -1,576 | 75 | 152 | 272 | 2,023 | 155 |  | 1,863 |
| Nov. | 4,427 | -514 | 17 | 106 | 244 | 1,911 | 140 |  | 1,763 |
| Dec. | 5,760 | -1,901 | 34 | 164 | 441 | 1,473 | 81 |  | 1,390 |
| 1980--Jan. | 4,380 | -944 | 42 | 117 | 251 | 1,241 | 74 |  | 1,167 |
| Feb. | 2,937 | -212 | 3 | 87 | 211 | 1,644 | 97 |  | 1,558 |
| Mar. | 2,964 | -659 | 37 | 59 | 204 | 2,823 | 151 | 99 | 2,573 |
| Apr. | 7,836 | 167 | 48 | 89 | 204 | 2,455 | 155 | 552 | 1,748 |
| May | 4,008 | 1,372 | 69 | 138 | 190 | 1,018 | 63 | 743 | 212 |
| June | 3,724 | 1,429 | 112 | 264 | 223p | 379p | 12p | 307p | $61 p$ |
| July | 4,581 | 634 | 154 | 310 | 281p | 395p | 6 p | 253p | 136p |
| Aug. | *5,108 | *798 | 91 | 153 | 333p | 658 p | ${ }^{9} \mathbf{p}$ | 241p | 408p |
| 1980--July 2 | 2,321 | 858 | 70 | 349 | $271 p$ | 348 | 5p | 274p | 69p |
| 9 | 3,103 | 843 | 288 | 342 | 506p | 215 p | 5p | 198p | 12p |
| 16 | 3,691 | 213 | 98 | 237 | 340p | 332p | 5p | 211p | $116 p$ |
| 23 | 5,853 | 63 | 160 | 312 | $-16 p$ | 354p | 7 p | 309p | 38p |
| 30 | 5,630 | 1,140 | 188 | 253 | 239p | 629 p | 7 p | 286p | 336p |
| Aug. 6 | 5,332 | 849 | 65 | 147 | 688 p | ${ }^{828} \mathbf{p}$ | 7 p | 258p | 563p |
| 13 | 5,278 | 2,263 | 158 | 134 | 89p | 390 p | 6 p | 273p | 111 p |
| 20 | *6,304 | *229 | 15 | 134 | 335p | 344p | ${ }^{6 p}$ | 261p | 77p |
| 27 | *4,264 | * 41 | 28 | 96 | 89p | 700p | ${ }^{10} \mathrm{p}$ | 201p | 489p |
| Sept. 3 | *4,274 | *170 | 3 | 89 | 489p | 1,348p | 20p | 198p | 1,130p |
| $\begin{aligned} & 10 \\ & 17 \end{aligned}$ | *3,988 | *-279 | 5p | 150 | 338p | 594 | 14p | 57p | 523p |
| 24 |  |  |  |  |  |  |  |  |  |

NOTE: Government security dealer trading positions are on a commitment basia. Trading positions, which exchude treasury securities financed by repurchase agreements maturing in 16 days or more, are indicators of dealer holdings available for sale over the near-term. Underwriting syndicate positions consist of issues stili in syndicate, excluding trading positions. Weekly data are daily averages for statement weeks, except for corporate and municipal issues in gyndicate, which are Friday figures.

* Strictly Confidential.
** Monthly averages for excess reserves and borrowings are weighted averages of statement week flgures.


[^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.

[^2]:    QIV to QIV.
    ' Other than interbank and J.S. Government.
    , Includes loans sold to afEEiliates and branches.
    ' Primarily federal funds purchases and securities sold under agreements to repurchase. JTE: All items are based on averages of daily figures except for data on total loans id investment of comercial banks, commercial paper, and thrift institutions-which te derived from either end-of-month or Wednesday statement date figures. Growth rates ir reserve measures in this and subsequent tables are adjusted to remove the effect of iscontinuities from breaks in the series when reserve requirements are changed.

