## Prefatory Note

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[^0]
## MONEY MARNET AND RESERVE RELATIONSHIPS

## Recent developments

With bill rates declining further and other money market concitions easing slightly, total member bank deposits (bank credit proxy) expanded at an annual rate of 3.4 per cent in December, the first monthly increase since July; after considering bank borrowing abroad, the proxy rose by about 5 per cent. Yields on Treasury bills of all maturities have fallen below 5 per cent, with the 3 -month bill recently hovering around 4.80 per cent. Yields available on short-term Federal agencies also declined sharply, while rates on bankers' acceptances and finance company paper were reduced moderately.

The recent declines in bill rates have apparently contained a large expectational component, particularly since market demand for bills tended to taper off after mid-December when funds appeared to be diverted increasingly to $C D$ 's and other short-term instruments. Dealer bill positions have risen further from earlier high levels; dealers also continue to carry a sizable amount of coupon issues maturing in over a year, and have built up holdings of Federal agency issues and $C D^{\prime} s$.

Conditions in the Federal funds and dealer loan markets eased only modestly in December; indeed, they tightened briefly in connection with year-end money market churning. Very large dealer

FINANCIAL MARKET RELATIONSHIPS IN PERSPECIIVE
(Monthly averages, and, where available, weekly averages of daily figures)

|  | Money Market Indicators |  |  |  | Bond Yields |  |  | Flow of Reserves, Bank Credit and Money |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | Fre Reser (In of | ```Borrow- ings ions ars)``` | Federal Funds Rate | $\left\lvert\, \begin{gathered} 3 \text {-month } \\ \text { Treas- } \\ \text { ury } \\ \text { Bi11 } \end{gathered}\right.$ | U.S. <br> Gov't. (20 yr) | $\left\|\begin{array}{c}\text { Corporate } \\ \text { New } \\ \text { Issues } \\ \text { (Aaa) } 1\end{array}\right\|$ | $\begin{gathered} \text { Munici- } \\ \text { pal } \\ \text { (Aaa) } \end{gathered}$ | Non- <br> borrowed <br> Reserves <br> (In mill <br> of doll | ```Total Re- serves ons rs)``` | Bank <br> Credit <br> Proxy <br> (In bill | Money <br> Supply <br> lions o | Time Deposits 2 dollars) |
| 1965--Dec. | - 22 | 452 | 4.28 | 4.37 | 4.50 | 4.85 | 3.39 | +182 | +262 | + 1.8 | $+1.6$ | $+1.4$ |
| 56--Jan. | - 51 | 431 | 4.32 | 4.58 | 4.52 | 4.81 | 3.40 | +173 | +129 | $+1.6$ | $+0.8$ | $+0.9$ |
| Feb. | -117 | 474 | 4.58 | 4.65 | 4.71 | 4.96 | 3.48 | + 58 | + 78 | $+0.7$ | + 0.2 | + 0.7 |
| Mar . | -210 | 545 | 4.64 | 4.58 | 4.72 | 5.09 | 3.55 | - 88 | + 57 | $+1.1$ | + 0.9 | $+1.0$ |
| Apr . | -277 | 638 | 4.64 | 4.61 | 4.65 | 5.03 | 3.46 | +206 | +256 | + 3.1 | + 1.6 | +1.9 |
| May | -339 | 653 | 4.83 | 4.63 | 4.69 | 5.16 | 3.53 | + 1 | + 6 | + 1.0 | - 0.7 | + 1.6 |
| June | -352 | 722 | 5.13 | 4.50 | 4.73 | 5.35 | 3.60 | - 16* | + 3* | + 0.9* | $+0.9$ | +1.5* |
| July | -359 | 739 | 5.18 | 4.78 | 4.84 | 5.48 | 3.77 | +135* | +224* | + 2.1* | - 1.5 | + 1.9* |
| Aug. | -374 | 740 | 5.45 | 4.95 | 4.95 | 5.54 | 3.91 | -302 | -400 | - 0.7 | -- | + 1.4 |
| Sept. | -390 | 765 | 5.30 | 5.36 | 4.94 | 5.82 | 3.93 | + 5 | +129 | - 0.1 | $+0.9$ | $+0.4$ |
| Oct. | -425 | 766 | 5.46 | 5.33 | 4.83 | 5.70 | 3.82 | -134 | -195 | - 0.7 | - 0.9 | - 0.3 |
| Nov. p | -243 | 605 | 5.75 | 5.31 | 4.88 | 5.71 | 3.78 | +104 | - 39 | - 1.1 | - 0.4 | +0.1 |
| Dec. p | -187 | 529 | 5.39 | 4.96 | 4.76 | 5.74 | 3.79 | $+18$ | +18 | $+0.8$ | $+1.1$ | + 1.1 |
| Dec. 7 p | -250 | 449 | 5.30 | 5.16 | 5.24 | 5.77 | 3.84 |  |  | + 1.1 | + 0.2 | - 0.1 |
| 14 p | -129 | 647 | 5.40 | 5.07 | 5.12 | 5.63 | 3.74 |  |  | -- | - 0.6 | $+0.6$ |
| 21 p | -276 | 472 | 5.25 | 4.85 | 4.88 | -- | 3.74 |  |  | $+1.0$ | + 2.8 | $+0.5$ |
| 28 p | - 93 | 548 | 5.62 | 4.79 | 4.83 | -- | 3.74 |  |  | + 0.2 | - 1.6 | $+0.8$ |
| ' $n 57-$ Jan. 4 p | -188 | 565 | 5.25 | 4.82 | 4.81 | 5.51 | 3.72 |  |  | + 1.4 | + 0.8 | + 0.2 |
|  |  |  |  |  | Aver ages |  |  | ( 7 Annual rates of increase 3/ |  |  |  |  |
| Year 1966 | -275 | 635 | 5.06 | 4.85 | 4.77 | 5.41 | 3.67 | $+0.7$ | +1.4 | +3.7 | $+1.9$ | + 8.3 |
| First Half 1966 | -228 | 581 | 4.69 | 4.59 | 4.67 | 5.12 | 3.51 | + 3.0 | $+4.7$ | + 7.1* | $+4.7$ | +10.3* |
| Second Half 1966 | -322 | 694 | 5.39 | 5.12 | 4.87 | 5.74 | 3.83 | - 1.5 | - 1.9 | $+0.2$ | -0.9 | + 5.6 |
| Recent variations |  |  |  |  |  |  |  |  |  |  |  |  |
| in growth |  |  |  |  |  |  |  |  |  |  |  |  |
| July 6-Aug. 10 | -345 | 738 | 5.32 | 4.81 | 4.85 | 5.55 | 3.80 |  |  | - 4.2 | -13.4 | +12.7 |
| Aug. 10-Nov. 16 | -320 | 638 | 5.46 | 5.27 | 4.91 | 5.78 | 3.87 |  |  | - 2.7 | $+0.4$ | + 1.4 |
| Nov. 16-Jan. 4 | -199 | 537 | 5.43 | 5.04 | 4.79 | 5.70 | 3.79 |  |  | $+7.0$ | + 9.2 | +10.3 |

ㄴ/ From January 1966 to date, issues carry a 5-year call protection.
2/ Time deposits adjusted at all commercial banks.
3/ Base is average for month preceding specified period or in case of weekly periods, the first week shown.

*     - Changes have been adjusted for redefinition of time deposits effective June 9, 1966.
p - Preliminary.
financing requirements during the past month have contributed not only to maintenance of pressure on the money markets, but also to expansion in bank credit since a good part of these financing needs have been accommodated through increased lending by money market banks. Partly in consequence, these banks have experienced an enlarged basic reserve deficiency, which they have financed by actively bidding for Federal funds and in some cases coming to the discount window for temporary assistance.

Federal funds traded over a fairly wide range of rates
during the past four weeks and have averaged about 5-3/8 per cent as compared with an average of about 5.60 per cent in the preceding four weeks. Net borrowed reserves fluctuated between $\$ 93$ million and $\$ 276$ million in the latest 4 -week period, but averaged about $\$ 170$ million, down from an average of $\$ 215$ million in the preceding four weeks. Member bank borrowings averaged $\$ 560$ million in the latest period, unchanged from four weeks ago.

The decline in bill rates last month enabled banks to bid more successfully for $C D$ 's, and the total outstanding rose contraseasonally by $\$ 150$ million during the month. Total time and savings deposits began to grow rapidly in the second week of December, and contributed importantly to the continuing week to week increases in bank credit proxy during the month. Between the last statement weeks of November and December, the bank credit proxy expanded by almost
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13 per cent annual rate, after having declined by about 12 per cent
from the end of October to the end of November. The December rise
in bank credit included substantial additions to bank holdings of
short-term U.S. Government securities, as banks made efforts to restore
their liquidity position; business loans of banks showed no net
expansion in December.
Expansion in the money supply, which resumed in mid-November,
cent during the month on average, but this increase in large part
represented a short-run response to declines in $U$. S. Government
deposits. With respect to reserve aggregates, both nonborrowed and
total reserves showed only a very slight expansion in December, as banks
economized on excess reserves (after seasonal adjustment) during the
month.

## Prospective developments

Bank credit expansion is likely to continue in January, but at a slower pace than indicated by the large recent week to week increases. The increase in the January average of outstanding bank credit over the December average may be in a $7-9$ per cent (annual rate) range, but this includes the carry-over effect on the monthly averages of the strength in the latter part of December. From the end of December through the end of January, a growth rate in the $4-6$ per cent range appears likely.

These projections assume that the 3 -month bill rate stays roughly within the recent $4.75-4.85$ per cent range over the period ahead, that net borrowed reserves fluctuate around $\$ 100$ million, and that Federal funds and dealer loan rates back down somewhat from recent high levels of around year-end. The 3 -month bill rate might move toward the upper limits of the range assumed if dealer attitudes should lead to a reversal of the large build-up in bill positions that was recently an important factor pulling bill rates down relative to other short-term rates. Upward bill rate pressures are most likely to develop if dealer financing costs do not come down from recent levels (when they were generally in a $5-3 / 4-6-1 / 2$ per cent range in New York and around $5-1 / 2$ per cent outside New York), and if the usual seasonal reflow of corporate money into bills does not come up to expected proportions. However, market psychology will remain an important influence on bill rates, with the continuance of bullish market attitudes dependent partly on interpretations of monetary policy and of the fiscal implications of the forthcoming Federal budget.

With respect to credit demands, it is assumed that business loans resume a moderate growth related in part to accelerated payments by corporations of withheld individual income tax payments in January; and, as a partial offset, that banks become less active in lending to dealers as the latter's positions are reduced somewhat and as

# financing from corporations through repurchase agreements becomes more available. 

The interest rate and credit demand assumptions appear consistent with expansion of time and savings deposits at all commercial banks by about 12 per cent in January on a monthly average basis. This projection assumes that banks will be able to add about $\$ 500$ million to outstanding $C D ' s$ despite the large $\$ 5.5$ billion of maturities in January and that the somewhat more rapid increase in other time deposits that has recently developed will continue. It further assumes that banks generally will not move to reduce interest rates paid on $C D$ 's until their liquidity positions are more comfortable or until they are more convinced that loan demand is fading.

Money supply in January is expected to show little or no net change on average. Private demand deposits may decline somewhat, partly because of a projected rise of almost $\$ 1$ billion in U.S. Government deposits. But private demand deposits are not assumed to decline by as much as Government deposits rise, in contrast to what has often been their past short-run behavior. The decline in private demand deposits is likely to be limited by renewed business loan growth.

These deposit projections imply a sizable expansion in aggregate reserves in January on average--in the order of $10-12$ per cent for nonborrowed and total reserves. For December-January
together, nonborrowed reserves may show an increase around the 5-7 per cent range. The December-January increase in such reserves, together with related monetary variables, is shown in the table below in comparison with other periods (all figures being annual rates of increase for the period including terminal months).

|  | Dec. '66- Jan. '67 (projected) | $\begin{aligned} & \text { Aug. '66- } \\ & \text { Nov. '66 } \end{aligned}$ | $\begin{aligned} & \text { Feb. '66- } \\ & \text { July '66 } \end{aligned}$ | $\begin{aligned} & \text { Aug. '65- } \\ & \text { Jan. '66 } \end{aligned}$ | 1966 | $1965$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bank credit proxy | 5-7 | -3.0 | $+7.5$ | $+7.8$ | +3.7 | $+9.1$ |
| Time deposits | 9-11 | +3.1 | +11.6 | +14.4 | +8.3 | +16.0 |
| Money supply | 3-5 | -0.7 | $+1.9$ | $+6.9$ | +1.9 | $+4.7$ |
| Nonborrowed reserves | 5-7 | -4.3 | + 2.6 | +4.9 | $+0.7$ | +4.3 |

If the Committee wishes to continue a gradual reduction in the degree of monetary restraint, it might call for open market operations to achieve a set of money market conditions that might include a net borrowed reserve position averaging close to zero and Federal funds averaging near 5 per cent. This would, in all likelihood, bring the 3 -month bill rate down to a $4.60-4.75$ per cent range. It would also encourage gradual relaxation of bank loan policies.

Such an easing of money market conditions--given the current economic outlook indicated in the Green Book--would be likely to encourage further bank credit expansion through the winter months, although possibly not at a trend rate much above the December-January average indicated in the table. Long-term yields would be more likely
to decline further as banks increased their acquisitions of municipals and long Governments. And, with long-term rate declines, mortgages would become increasingly attractive to institutional investors.

Finally, it should be noted that if further signs of substantial economic weakness are noted by the market, the level of interest rates could move sharply down, even if net borrowed reserves are not very different from their recent range. But such a movement of interest rates might not necessarily be accompanied by any greater expansion of bank credit than projected-and possibly less--as banks might begin reducing $C D$ rates and might see some immediate sizable declines in demand deposits associated with loan repayment. Maintenance of bank credit expansion would under the circumstances depend on a relatively rapid growth in nonborrowed reserves, which would permit banks to repay debt to the Federal Reserve and perhaps to others and to liberalize portfolio investment policies and lending terms markedly.

Table A-1

MARGINAL RESERVE MEASURES
(Dollar amounts in millions, based on period averages of daily figures)

p - Preliminary

TABIE A-2
AGGREGATE RESERVES AND RELATED MRASURES

## Retrospective Changes, Seasonally Adjusted

(In per cent, annual rates based on monthly averages of daily figures)

|  | Reserve Aggregates |  |  |  | Monetary Variables |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total <br> Reserves | Nonborrowed Reserves | Required reserves |  | Total Member Bank Deposits (credit) 1/ | Time <br> Deposits (comm. banks) | Money Supply |  |
|  |  |  | Total | Against Demand Deposits |  |  | Total | Private Demand Deposits |
| Annually: |  |  |  |  |  |  |  |  |
| 1965 | $+5.3$ | $+4.3$ | $+5.3$ | $+2.3$ | + 9.1 | +16.0 | $+4.7$ | $+4.4$ |
| 1966 | $+1.2$ | + 0.7 | $+1.4$ | $+0.5$ | $+3.7$ | $+8.3$ | + 1.9 | + 0.8 |
| Monthly: |  |  |  |  |  |  |  |  |
| 1965--July | $+3.7$ | + 4.1 | + 4.8 | - 2.0 | $+7.4$ | +15.0 | $+5.2$ | $+4.7$ |
| August | $+0.4$ | $+1.5$ | - 1.8 | - 4.0 | + 6.8 | +18.3 | $+4.4$ | $+2.8$ |
| September | -s. 1.2 | - 3.9 | - 2.2 | - 6.8 | + 3.6 | +13.7 | $+8.1$ | + 9.4 |
| October | + 3.7 | $+7.3$ | + 9.7 | + 5.1 | +12.5 | +17.8 | +8.0 | $+7.5$ |
| November | $+0.6$ | $+5.0$ | - 2.0 | - 3.9 | + 5.1 | +15.0 | + 2.9 | $+1.9$ |
| December | +13.8 | + 9.8 | +13.7 | + 8.2 | $+9.7$ | +11.5 | +11.6 | +13.0 |
| 1966--January | $+6.7$ | $+9.5$ | $+6.9$ | +11.3 | $+8.1$ | $+7.4$ | $+5.7$ | $+4.6$ |
| February | + 4.0 | $+3.1$ | + 2.9 | + 3.8 | $+3.5$ | $+5.7$ | + 1.4 | $+4.6$ |
| March | + 2.9 | - 4.6 | $+2.7$ | $+4.0$ | $+5.5$ | $+8.1$ | + 7.8 | $+8.2$ |
| April | +13.2 | +10.9 | +11.9 | +11.7 | +15.5 | +15.3 | +11.3 | +12.7 |
| May | $+0.3$ | $+0.1$ | $+2.1$ | -4.8 | $+4.9$ | +12.7 | - 4.9 | - 7.2 |
| June $2 /$ | + 0.2 | -0.8 | $+1.6$ | + 1.3 | $+4.4$ | +11.8 | $+6.3$ | $+7.2$ |
| July ${ }^{2 /}$ / | +11.4 | $+7.1$ | $+8.4$ | $+2.5$ | +10.3 | +14.8 | -10.5 | -16.2 |
| August 2/ | -20.2 | -15.8 | -14.8 | -16.9 | - 3.4 | +10.7 | -- | - 0.9 |
| September $2 /$ | $+6.6$ | - 0.3 | - 0.2 | - 3.0 | , | + 3.0 | $+6.4$ | $+7.3$ |
| October 21 | -10.0 | -7.1 | - 1.1 | - 2.1 | - 3.4 | -2.3 | - 6.3 | - 8.1 |
| November $2 / \mathrm{p}$ | - 2.0 | +5.5 | -7.9 |  | - 5.4 | +0.8 | - 6.3 | - 8.1 |
| December $\underline{2} / \mathrm{p}$ | $+0.9$ | $+1.0$ | $+4.5$ | - 1.6 | + 3.4 | +8.4 | +7.8 +7.8 | + 7.3 |

1/ Includes all deposits subject to reserve requirements. Movements in this aggregate correspond closely with movements in total member bank credit.
2/ Changes in reserves, total deposits, and time deposits have been adjusted for redefinition of time deposits effective June 9. Changes in reserves have been adjusted for increases in reserve requirements in July and September.
p - Preliminary.

## Chart 1

## MEMBER BANR RESERVES

MONTHLY AVERAGES OF DAILY FIGURES



Chart
MEMBER BANK DEPOSITS AND LIABILITIES TO OVERSEAS BRANCHES
BILLIONS OF DOLLARS



Chart 3

## MONEY SUPPLY AND BANK DEPOSITS

SEASONALLY ADJUSTED WEEKLY AVERAGES OF DAILY FIGURES


Charl 4

## DEMAND DEPOSITS AND CURRENCY

SEASONALLY ADJUSTED WEEKLY AVERAGES OF DAILY FIGURES


Table B-1
MAJOR SOURCES AND USES OF RESERVES
Retrospective and Prospective
(Dollar amounts in millions, based on weekly averages of daily figures)

| Period | Factors affecting supply of reserves |  |  |  | ```Change in total reserves``` | Bank use <br> Required <br> reserves <br> $3 /$ | f reserves <br> Excess reserves |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Federal Reserve credit (excl. float) 1/ | Gold stock | Currency outside banks | $\begin{gathered} \text { Technical } \\ \text { factors } \\ \text { net } 2 / \\ \hline \end{gathered}$ |  |  |  |
| ACTUAL |  |  |  |  |  |  |  |
| $\overline{1965}{ }^{\underline{\text { r }} \text { : }}$ ( $12 / 30 / 64-12 / 29 / 65$ ) | +4,035 | -1,602 | -2,143 | +798 | 1,089 | ,18 | 99 |
| 1966 (12/29/65-12/28/66) | +3,149 | -627 | -2,232 | +805 | +1,096 | +1,104 | - 8 |
| Year-to-date: |  |  |  |  |  |  |  |
| (12/29/65-1/5/66) | +247 | - 53 | +336 | -341 | +190 | +332 | -142 |
| (12/28/66-1/4/67) | +319 | -- | +397 | -294 | +419 | +497 | - 78 |
| Weekly: |  |  |  |  |  |  |  |
| 1966--Nov. 30 p | +775 | - 27 | - 17 | -439 | +291 | + 20 | +271 |
| Dec. 7 p | + 97 | - 72 | -289 | +252 | - 12 | +227 | -239 |
| 14 p | - 19 | -- | -214 | +547 | +315 | - 4 | +319 |
| 21 p | -231 | -- | - 35 | +627 | +363 | $+685$ | -322 |
| 28 p | +556 | $+1$ | -186 | - 70 | +301 | + 42 | +259 |
| 1967--Jan. 4 p | +319 | -- | +397 | -294 | +419 | +497 | - 78 |
| PROJECTED 4/ |  |  |  |  |  |  |  |
| 1967--Jan. 11 | $+85$ | -- | -- | -500 | -415 | -415 | -- |
| 18 | -660 | -- | +420 | - 80 | -320 | -320 | -- |
| 25 | -225 | -- | +245 | -225 | -205 | -205 | -- |
| Feb . 1 | +180 | -- | +200 | -400 | - 20 | - 20 | -- |
| 8 | +325 | -- | -315 | -100 | - 90 | - 90 | -- |
| 15 | -235 | -- | + 95 | - 40 | -180 | -180 | -- |
| 22 | -420 | -- | + 75 | +150 | -195 | -195 | -- |
| Mar . 1 | -235 | -- | +105 | - 50 | -180 | -180 | -- |
| 8 | +525 | -- | -475 | -100 | - 50 | - 50 | -- |
| 15 | - 75 | -- | $+70$ | - 5 | - 10 | - 10 | -- |
| 1/ For retrospective details, see Table B-4. |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| / For required reserves by type of deposits, see Table B-2. |  |  |  |  |  |  |  |
| 4/ See reverse side for expla | ation of project |  |  |  |  |  |  |

Table B-2
CHANGES IN REQUIRED RESERVE COMPONENTS
Retrospective and Prospective Seasonal and Nonseasonal Changes
(Dollar amounts in millions, based on weekly averages of daily figures)

| Period | Total <br> required <br> reserves | SupportingU. S. Gov't.demanddeposits | Total | Supporting private deposits |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Seasonal changes |  | Other than seasonal changes |  |
|  |  |  |  | Demand | Time | Demand | Time |
| ACTUAL |  |  |  |  |  |  |  |
| Year: |  |  |  |  |  |  |  |
| 1965 (12/30/64-12/29/65) | +1,188 | - 89 | +1,277 | +115 | - 4 | +499 | +667 |
| 1966 (12/29/65-12/28/66) | +1,104 | - 90 | +1,194 | - 14 | - 4 | - 7 | +1,219 |
| Year-to-date: |  |  |  |  |  |  |  |
| (12/29/65-1/5/66) | +425 | - 26 | +451 | +425 | + 24 | - 8 | $+101 /$ |
| (12/28/66-1/4/67) | +497 | - 20 | +517 | +334 | + 24 | +146 | $+13^{-}$ |
| Weekly: |  |  |  |  |  |  |  |
| 1966--Nov. 30 p | + 32 | + 52 | - 20 | - 19 | $+5$ | - 5 | - 1 |
| Dec. 7 p | +227 | - 8 | +235 | +132 | $+2$ | + 95 | + 6 |
| 14 p | - 4 | -178 | +174 | +295 | - 5 | -138 | $+22$ |
| 21 p | +685 | + 13 | +672 | +311 | - 15 | +356 | $+20$ |
| 28 p | + 42 | +402 | -360 | -176 | + 5 | -234 | $+45$ |
| 1967--Jan. 4 p | +497 | - 20 | +517 | +334 | $+24$ | +146 | $+13$ |
| PROJECTED |  |  |  |  |  |  |  |
| 1967--Jan. 11 | -415 | -200 | -215 | -140 | $+15$ | -100 | $+10$ |
| 18 | -320 | -250 | - 70 | -115 | $+15$ | + 15 | $+15$ |
| 25 | -205 | +170 | -375 | -230 | $+10$ | -165 | $+10$ |
| Feb. 1 | - 20 | $+40$ | - 60 | - 80 | + 10 | -- | $+10$ |
| 8 | - 90 | $+95$ | -185 | -190 | $+10$ | - 15 | + 10 |
| 15 | -180 | - 40 | -140 | -160 | + 5 | + 5 | $+10$ |
| 22 | -195 | - 10 | -185 | -340 | -- | +145 | $+10$ |
| Mar . 1 | -180 | - 75 | -135 | -140 | $+10$ | $+15$ | $+10$ |
| 8 | - 50 | - 60 | $+10$ | + 20 | $+10$ | - 30 | $+10$ |
| 15 | - 10 | - 50 | $+40$ | $+70$ | + 5 | - 45 | + 10 |

I/ Reflects reserve requirement changes in July and September.
p - Preliminary.

Table B-3
TECHNICAL FACTORS AFFECTING RESERVES
Retrospective and Prospective Changes
(Dollar amounts in millions, based on weekly averages of daily figures)

| Period | ```Technical factors (net)``` | Treasury operations | Float | Foreign deposits and gold loans | Other nonmember deposits and F. R. accounts |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ACTUAL | (Sign indicates effect on reserves) |  |  |  |  |
| Year: |  |  |  |  |  |
| 1965 (12/30/64-12/29/65) | +798 | +294 | -171 | $+77$ | +598 |
| 1966 (12/29/65-12/28/66) | +805 | +673 | + 64 | - 30 | + 98 |
| Year-to-date: |  |  |  |  |  |
| (12/29/65-1/5/66) | -341 | $+87$ | -347 | - 15 | - 66 |
| (12/28/66-1/4/67) | -294 | - 27 | -284 | - 23 | $+40$ |
| Weekly: |  |  |  |  |  |
| 1966--Nov. 30 | -439 | +154 | -548 | - 16 | - 29 |
| Dec. 7 | +252 | +115 | +112 | - 1 | + 26 |
| 14 | +547 | +345 | $+18$ | - 11 | +195 |
| 21 | +627 | - 57 | +639 | $+18$ | + 27 |
| 28 | - 70 | -146 | +106 | - 1 | - 29 |
| 1967--Jan. 4 | -294 | - 27 | -284 | - 23 | $+40$ |
| PROJECTED |  |  |  |  |  |
| 1967--Jan. 11 | -500 | -- | -365 | - 15 | -120 |
| 18 | - 80 | -130 | + 50 | -- | - 15 |
| 25 | -225 | -- | -225 | -- | -- |
| Feb. 1 | -400 | -- | -400 | -- | -- |
| 8 | -100 | -- | -100 | -- | -- |
| 15 | - 40 | -- | - 60 | -- | $+20$ |
| 22 | +150 | -- | +300 | -- | -150 |
| Mar . 1 | - 50 | -- | - 50 | -- | -- |
| 8 | -100 | -- | -100 | -- | -- |
| 15 | - 5 | -- | - 60 | -- | $+55$ |

Table B-4
SOURCE OF FEDERAL RESERVE CREDIT
Retrospective Changes
(Dollar amounts in millions of dollars, based on weekly averages of daily figures)

| Period | $\|$Total Federal <br> Reserve credit <br> (Excl. float) | U.S. Government securities |  |  |  | Federal <br> Agency <br> Securities | $\begin{gathered} \text { Bankers' } \\ \text { acceptances } \end{gathered}$ | Member banks borrowings |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{\|c\|} \hline \text { Total } \\ \text { holdings } \\ \hline \end{array}$ | Bills | Other | Repurchase agreements |  |  |  |
|  | +4,035 | +3,916 | +3,145 | +916 | -145 | -- | + 77 | + 42 |
| 1966 (12/29/65-12/28/66) | +3,149 | +3,069 | +2,158 | +474 | +437 | + 26 | + 52 | + 2 |
| $\frac{\text { Year-to-date: }}{(12 / 29 / 65-1 / 5 / 66)}$ | + 247 | + 178 | - 24 | -- | +202 | -- | + 53 | $+16$ |
| (12/28/66-1/4/67) | + 319 | + 282 | + 434 | -- | -152 | + 1 | + 19 | + 17 |
| $\frac{\text { Weekly: }}{1966-\text { Oct. }} 5$ | + 692 | + 506 | + 496 | -- | + 10 | -- | + 8 | +178 |
| 12 | + 110 | - 30 | - 20 | -- | - 10 | -- | $+40$ | +100 |
| 19 | - 630 | - 448 | - 448 | -- | -- | -- | - 44 | -138 |
| 26 | + 20 | + 273 | + 194 | -- | + 79 | -- | + 19 | -272 |
| Nov. 2 | + 304 | + 225 | + 243 | -- | - 18 | -- | + 3 | + 76 |
|  | + 509 | + 455 | + 323 | -- | +132 | -- | + 2 | + 52 |
| 16 | + 5 | - 59 | - 16 | -- | -43 | -- | - 1 | + 65 |
| 23 | - 699 | - 438 | - 306 | -- | -132 | -- | + 11 | -272 |
| 30 | + 755 | + 550 | + 212 | -- | +338 | -- | $+28$ | +197 |
| Dec. 7 | + 97 | + 256 | + 141 | -- | +115 | + 9 | + 19 | -187 |
| 14 | - 19 | - 202* | - 120 | - | -154 | + 7 | - 22 | +198 |
| 21 | - 231 | - 112* | - 69 | + 3 | + 26 | + 7 | + 49 | -175 |
| 28 | + 556 | + 452 | + 105 | + 32 | +315 | + 3 | + 25 | $+76$ |
| 1967--Jan. 4 | + 319 | + 282 | + 434 | -- | -152 | + 1 | + 19 | + 17 |

*     - Includes effect of change in special certificates of $+\$ 72$ miliion of the week of December 14 , 1966 , and $-\$ 72$ million of the week of December 21, 1966.

Chart Reference Table C-1
TOTAL, NONBORROWED AND REQUIRED RESERVES
Seasonally Adjusted
(Dollar amounts in millions, based on monthly averages of daily figures)

| Period | Total reserves | Nonborrowed reserves | Required reserves |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | Against private deposits |  |
|  |  |  |  | Total | Demand |
| 1964--January | 20,964 | -20,673 | 20,542 | 19,679 | 15,295 |
| February | 20,996 | 20,711 | 20,601 | 19,748 | 15,321 |
| March | 21,179 | 20,875 | 20,754 | 19,796 | 15,344 |
| April | 21,209 | 20,931 | 20,783 | 19,855 | 15,364 |
| May | 21,105 | 20,911 | 20,765 | 19,910 | 15,371 |
| June | 21,385 | 21,135 | 20,972 | 19,993 | 15,409 |
| July | 21,436 | 21,150 | 21,015 | 20,118 | 15,495 |
| August | 21,551 | 21,256 | 21,172 | 20,247 | 15,575 |
| September | 21,776 | 21,422 | 21,333 | 20,387 | 15,665 |
| October | 21,739 | 21,409 | 21,346 | 20,486 | 15,709 |
| November | 21,872 | 21,487 | 21,499 | 20,547 | 15,713 |
| December | 21,843 | 21,585 | 21,526 | 20,634 | 15,746 |
| 1965--January | 21,960 | 21,625 | 21,563 | 20,702 | 15,730 |
| February | 22,157 | 21,771 | 21,713 | 20,765 | 15,717 |
| March | 22,279 | 21,814 | 21,868 | 20,881 | 15,789 |
| April | 22,449 | 21,953 | 22,036 | 20,985 | 15,831 |
| May | 22,436 | 21,994 | 22,109 | 20,962 | 15,750 |
| June | 22,612 | 22,082 | 22,243 | 21,138 | 15,877 |
| July | 22,682 | 22,158 | 22,332 | 21,247 | 15,912 |
| August | 22,689 | 22,186 | 22,299 | 21,331 | 15,916 |
| September | 22,667 | 22,114 | 22,259 | 21,553 | 16,071 |
| October | 22,737 | 22,248 | 22,439 | 21,720 | 16,151 |
| November | 22,748 | 22,341 | 22,402 | 21,803 | 16,168 |
| December | 23,010 | 22,523 | 22,657 | 21,970 | 16,285 |
| 1966--January | 23,139 | 22,701 | 22,788 | 22,075 | 16,364 |
| February | 23,217 | 22,759 | 22,844 | 22,084 | 16,356 |
| March | 23,274 | 22,671 | 22,896 | 22,269 | 16,510 |
| April | 23,530 | 22,877 | 23,123 | 22,477 | 16,625 |
| May | 23,536 | 22,878 | 23,163 | 22,453 | 16,534 |
| June 1/ | 23,539 | 22,862 | 23,193 | 22,582 | 16,626 |
| July 1/ | 23,763 | 22,997 | 23,355 | 22,511 | 16,468 |
| August 1/ | 23,363 | 22,695 | 23,067 | 22,517 | 16,428 |
| September $1 /$ | 23,492 | 22,700 | 23,064 | 22,598 | 16,498 |
| October 1/ | 23,297 | 22,566 | 23,042 | 22,430 | 16, ${ }^{16,3}$ |
| November p $1 /$ | 23,258 | 22,670 | 22,891 | 22,381 | 16,317 |
| December p İ/ | 23,276 | 22,688 | 22,977 | 22,512 | 16,403 |

p - Preliminary.
1/ Reserves have been adjusted for redefinition of time deposits effective June 9.

Table C-2
DEPOSITS SUPPORTED BY REQUIRED RESERVES AT ALL MEMBER BANKS
Seasona11y Adjusted
(Dollar amounts in billions, based on monthly averages of daily figures)

| Monthly | Total member bank deposits (credit) 1/ | Time deposits | Private demand deposits 2/ | $\begin{aligned} & \text { U.S. Gov't. } \\ & \text { demand } \\ & \text { deposits } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| 1964--January | 202.8 | 93.5 | 104.4 | 4.9 |
| February | 203.8 | 94.4 | 104.6 | 4.8 |
| March | 205.1 | 94.9 | 104.7 | 5.4 |
| Apri1 | 206.0 | 95.8 | 104.9 | 5.3 |
| May | 206.6 | 96.8 | 104.9 | 4.9 |
| June | 208.7 | 97.7 | 105.2 | 5.8 |
| July | 209.3 | 98.6 | 105.8 | 5.0 |
| August | 211.3 | 99.6 | 106.3 | 5.4 |
| September | 213.1 | 100.8 | 106.9 | 5.5 |
| October | 214.1 | 101.9 | 107.2 | 5.0 |
| November | 216.1 | 103.1 | 107.3 | 5.7 |
| December | 216.7 | 104.2 | 107.5 | 5.0 |
| 1965--January | 218.4 | 106.0 | 107.4 | 5.0 |
| February | 220.4 | 107.6 | 107.3 | 5.5 |
| March | 222.5 | 108.6 | 107.8 | 6.1 |
| April | 224.6 | 109.9 | 108.1 | 6.7 |
| May | 225.8 | 111.1 | 107.5 | 7.2 |
| June | 227.7 | 112.2 | 108.4 | 7.1 |
| July | 229.1 | 113.8 | 108.6 | 6.7 |
| August | 230.4 | 115.5 | 108.6 | 6.3 |
| September | 231.1 | 116.9 | 109.7 | 4.6 |
| October | 233.5 | 118.7 | 110.2 | 4.5 |
| November | 234.5 | 120.2 | 110.4 | 4.0 |
| December | 236.4 | 121.2 | 111.2 | 4.0 |
| 1966--January | 238.0 | 121.8 | 111.7 | 4.5 |
| February | 238.7 | 122.1 | 111.6 | 5.0 |
| March | 239.8 | 122.8 | 112.7 | 4.3 |
| April | 242.9 | 124.8 | 113.5 | 4.7 |
| May | 243.9 | 126.2 | 112.9 | 4.8 |
| June 3/ | 244.8 | 127.0 | 113.5 | 4.3 |
| July 3/ | 246.9 | 128.8 | 112.4 | 5.6 |
| August 3/ | 246.2 | 129:8 | 112.1 | 4.2 |
| Sept. 3/ | 246.2 | 130.1 | 112.6 | 3.5 |
| Oct. 3/ | 245.5 | 129.6 | 111.6 | 4.3 |
| Nov. $3 / \mathrm{p}$ | 244.4 | 129.3 | 111.4 | 3.7 |
| Dec. 3/p | 245.1 | 130.2 | 112.0 | 2.9 |

ㄹ/ Includes all deposits subject to reserve requirements--i.e., the total of time, private demand, and U.S. Government demand deposits. Movements in this aggregate correspond closely with movements in total member bank credit.
2/ Private demand deposits include demand deposits of individuals, partnerships and corporations and net interbank balances.
3/ Deposits have been adjusted for redefinition of time deposits effective June 9, 1966.
p - Preliminary.

TABLE C-2a
DEPOSITS SUPPORTED BY REQUIRED RESERVES AT ALL MEMBER BANKS
Seasonally adjusted
(Dollar amounts in millions, based on weekly averages of daily figures)

| Week ending: | Total member bank deposits (credit) $1 /$ | $\begin{aligned} & \text { Time } \\ & \text { deposits } \end{aligned}$ | Private demand deposits $2 /$ | $\begin{aligned} & \text { U. S. Gov't. } \\ & \text { demand } \\ & \text { deposits } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| 1966--July 6* | 247.3 | 127.9 | 113.0 | 6.3 |
| 13* | 247.1 | 128.7 | 112.2 | 6.2 |
| 20* | 247.0 | 129.0 | 112.6 | 5.4 |
| 27* | 247.1 | 129.2 | 112.1 | 5.8 |
| Aug. 3* | 246.1 | 129.2 | 112.1 | 4.8 |
| 10* | 246.3 | 129.4 | 111.1 | 5.7 |
| 17* | 246.5 | 129.9 | 112.3 | 4.3 |
| 24* | 245.0 | 130.1 | 112.1 | 2.8 |
| 31* | 246.8 | 130.3 | 112.2 | 4.4 |
| Sept. 7* | 247.0 | 130.2 | 112.5 | 4.3 |
| 14* | 246.5 | 130.2 | 112.1 | 4.2 |
| 21* | 245.7 | 129.8 | 113.7 | 2.2 |
| 28* | 245.7 | 130.0 | 112.8 | 2.9 |
| Oct. 5* | 246.2 | 129.8 | 112.8 | 3.5 |
| 12* | 245.2 | 129.8 | 112.1 | 3.3 |
| 19* | 244.3 | 129.8 | 111.5 | 3.0 |
| 26* | 246.1 | 129.3 | 111.0 | 5.9 |
| Nov. 2* | 246.1 | 129.5 | 111.2 | 5.4 |
| 9* | 245.8 | 129.3 | 111.1 | 5.3 |
| 16* | 244.4 | 129.3 | 111.1 | 4.0 |
| 23* | 243.0 | 129.3 | 111.1 | 2.2 |
| 30p* | 243.3 | 129.3 | 111.3 | 2.7 |
| Dec. 7p* | 244.4 | 129.4 | 111.8 | 3.2 |
| 14p* | 244.4 | 129.8 | 111.1 | 3.6 |
| 21p* | 245.4 | 130.2 | 113.0 | 2.2 |
| 28p* | 245.7 | 131.0 | 111.5 | 3.2 |
| 1967--Jan. 4p* | 247.1 | 131.1 | 112.5 | 3.4 |

p - Preliminary.
1/ Includes all deposita subject to reserve requirements-if.e., the total of time, private demand, and U.S. Government demand deposits. Movements in this aggregate correspond closely with movements in total member bank credit.
2/ Private demand deposits include demand deposits on individuals, partnerships and corporations and net interbank balances.

*     - Deposits have been adjusted for redefinition of time deposits effective June 9, 1966 .

TABLE C-3
MONEY SUPPLY AND TIME DEPOSITS AT ALL COMMERCIAL BANKS
Seasonally adjusted
(Dollar amounts in billions, based on monthly averages of daily figures)

| Monthly | Money Supply | Currency 1/ | Private <br> Demand <br> Deposits 2/ | Time Deposits Adjusted |
| :---: | :---: | :---: | :---: | :---: |
| 1964--October | 158.8 | 34.0 | 124.8 | 123.5 |
| November | 159.0 | 34.1 | 124.8 | 125.1 |
| December | 159.7 | 34.2 | 125.4 | 126.6 |
| 1965--January | 159.7 | 34.5 | 125.3 | 128.7 |
| February | 159.8 | 34.6 | 125.2 | 130.7 |
| March | 160.3 | 34.7 | 125.6 | 132.0 |
| April | 161.0 | 34.8 | 126.2 | 133.3 |
| May | 160.7 | 34.9 | 125.8 | 134.6 |
| June | 161.7 | 35.0 | 126.7 | 136.2 |
| Ju1y | 162.4 | 35.3 | 127.2 | 137.9 |
| August | 163.0 | 35.5 | 127.5 | 140.0 |
| September | 164.1 | 37.7 | 128.5 | 141.6 |
| October | 165.2 | 36.0 | 129.3 | 143.7 |
| November | 165.6 | 36.1 | 129.5 | 145.5 |
| December | 167.2 | 36.3 | 130.9 | 146.9 |
| 1966--J anuary | 168.0 | 36.6 | 131.4 | 147.8 |
| February | 168.2 | 36.8 | 131.4 | 148.5 |
| March | 169.3 | 36.9 | 132.3 | 149.5 |
| April | 170.9 | 37.2 | 133.7 | 151.4 |
| May | 170.2 | 37.3 | 132.9 | 153.0 |
| June 3/ | 171.1 | 37.4 | 133.7 | 154.5 |
| July $3 /$ | 169.6 | 37.7 | 131.9 | 1.56 .4 |
| August 3/ | 169.6 | 37.8 | 131.8 | 157.8 |
| September3/ | 170.5 | 37.9 | 132.6 | 158.2 |
| October $\frac{3}{7}$ | 169.6 | 37.9 | 131.7 | 157.9 |
| November $\frac{3}{3} / \mathrm{p}$ | $169.2$ | 38.0 | 131.2 | $158.0$ |
| December 3/p | 170.3 | 38.2 | 132.0 | $159.1$ |

$1 /$ Includes currency outside the Treasury, the Federal Reserve, and the vaults of all commercial banks.
2/ Includes (1) demand deposits at all commercial banks, other than those due to domestic commercial banks and the U.S. Government, less cash items in process of collection and Federal Reserve float; and (2) foreign demand balances at Federal Reserve Banks.
3/ Deposits have been adjusted for redefinition of time deposits effective June 9, 1966.
p - Preliminary.
table C-3a
MONEY SUPPLY AND TIME DEPOSITS AT ALL COMMERCLAL bANKS
Seasonally Adjusted
(Dollar amounts in billions, based on monthly averages of daily figures)

| Week Ending | Money Supply | Currency 1/ | Private Demand Deposits $2 /$ | Time Deposits adjusted |
| :---: | :---: | :---: | :---: | :---: |
| 1966--July 6 | 170.9 | 37.6 | 133.3 | 155.5* |
| 13 | 169.6 | 37.7 | 132.0 | 156.1* |
| 20 | 169.8 | 37.7 | 132.1 | 156.6* |
| 27 | 168.9 | 37.7 | 131.2 | 157.1* |
| Aug. 3 | 169.2 | 37.7 | 131.6 | 157.0* |
| 10 | 168.7 | 37.8 | 130.9 | 157.4* |
| 17 | 169.7 | 37.8 | 131.9 | 157.9* |
| 24 | 169.8 | 37.8 | 132.0 | 158.0* |
| 31 | 170.0 | 37.7 | 132.2 | 158.2* |
| Sept. 7 | 170.5 | 37.8 | 132.6 | 158.2* |
| 14 | 170.1 | 38.0 | 132.1 | 158.2* |
| 21 | 171.7 | 38.0 | 133.7 | 158.1* |
| 28 | 170.0 | 37.9 | 132.1 | 158.4* |
| Oct. 5 | 170.7 | 37.9 | 132.8 | 158.2* |
| 12 | 170.2 | 38.0 | 132.2 | 158.0* |
| 19 | 169.6 | 37.9 | 131.7 | 158.1* |
| 26 | 168.9 | 37.9 | 131.0 | 157.7* |
| Nov. 2 | 168.9 | 37.8 | 131.1 | 157.8* |
| 9 | 168.8 | 38.0 | 130.9 | 157.9* |
| 16 | 168.9 | 38.1 | 130.8 | 158.0* |
| 23 | 169.3 | 38.0 | 131.3 | 158.0* |
| 30 p | 169.4 | 38.1 | 131.3 | 158.1* |
| Dec. 7 p |  |  |  | 158.0* |
| 14 p | 169.0 | 38.2 | 130.8 | 158.6* |
| 21 p | 171.8 | 38.3 | 133.5 | 159.2* |
|  | 170.2 | 38.4 | 131.8 | 160.0* |
| 1967--Jan. 4 p | 171.0 | 38.5 | 132.5 | 160.2* |

1/ Includes currency outside the Treasury, the Federal Reserve, and the vaults of all commercial banks.
2/ Includes (1) demand depos its at all comercial banks, other than those due to domestic commercial banks and the U.S. Government, less cash items in process of collection and Federal Reserve float; and (2) foreign demand balances of Federal Reserve Banks.

*     - Deposits have been adjusted for redefinition of time deposits effective June 9, 1966.
p - Preliminary.


[^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).
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