## Prefatory Note

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[^0]MONEY MARKET AND RESERVE RELATIONSHIPS

## Recent developments

With private credit demands moderating and with relatively high market interest rates beginning to impinge somewhat on the previous rapid rate of increase in time and savings deposits, bank credit expansion in September averaged $9 \frac{1}{2}$ per cent at an annual rate-as indicated by preliminary daily deposit figures--down 7 percentage points from the pace of August and in line with staff expectations. Euro-dollar borrowings abroad by U.S. banks showed little change on average in September, although increasing toward month end.

Private demand deposits declined slightly in September, reflecting in part relatively weak business loan demand, while time deposits increased at a considerably slower pace than in the preceding months of this year. Outstanding negotiable CD's are estimated to have declined $\$ 700$ million in September, on the basis of partial figures thus far available. While banks were clearly not aggressive in seeking CD funds, some large banks did find it necessary to raise their offering rates in face of further upward rate pressures in short-term markets.

Treasury bill rates have risen generally 5-15 basis points on balance since the last meeting of the Committee, with the largest increases in the long-term bill area, the area most influenced by the Treasury's cash borrowing plans. In the latter part of September, the Treasury announced $\$ 4.5$ billion of April and June tax bills to be

FINANCIAL MARKET PELATIONSHIPS IN PERSPECTIVE
(Monthly averages and, where available, weekly averages of daily figures)

| Period | Money Market Indicators |  |  |  | Bond Yields |  |  | Flowi of Reserves, Bank Credit and Money |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Free Reserves (In mi of d | $\begin{aligned} & \text { Borrow- } \\ & \text { ings } \\ & \text { lions } \\ & \text { llars) } \end{aligned}$ | Federal <br> Funds <br> Rate | $\left\lvert\, \begin{gathered} 3 \text {-month } \\ \text { Treas - } \\ \text { ury } \\ \text { Bill } \end{gathered}\right.$ | U.S. <br> Gov't. <br> (20 ys.) | Corporate New Issues (Aaa) 1/ | $\begin{aligned} & \text { Munici- } \\ & \text { pal } \\ & \text { (Aaa) } \end{aligned}$ | Non- <br> borr owed <br> Reserves <br> (In mil <br> of dol | $\begin{aligned} & \hline \text { Total } \\ & \text { Re- } \\ & \text { serves } \\ & \text { ions } \\ & \hline \end{aligned}$ | Bank Credit Proxy (In bi | Money <br> Supply <br> lions of | $\begin{aligned} & \text { Time } \\ & \text { Deposits } \\ & 2 / \\ & \text { dol̄ars) } \\ & \hline \end{aligned}$ |
|  |  |  |  |  |  |  |  | (Seasonally Adjusted) |  |  |  |  |
| 1966--Sept. | -390 | 765 | 5.30 | 5.36 | 4.94 | 5.82** | 3.93 | - 36 | $+84$ | - 0.1 | $+0.4$ | $+0.7$ |
| Oct. | -425 | 766 | 5.46 | 5.33 | 4.83 | 5.70** | 3.82 | -116 | -131 | -0.9 | - 0.4 | $+0.2$ |
| Nov. | -235 | 605 | 5.75 | 5.31 | 4.88 | 5.71 | 3.78 | +150 | - 59 | - 0.6 | -- | - 0.3 |
| Dec. | -196 | 529 | 5.39 | 4.96 | 4.76 | 5.73 | 3.79 | - 13 | - 16 | $+0.4$ | $+0.3$ | $+1.3$ |
| 1967--Jan. | - 59 | 476 | 4.87 | 4.72 | 4.51 | 5.43 | 3.50 | +475 | +359 | $+3.3$ | - 0.1 | + 2.2 |
| Feb. | 42 | 366 | 4.99 | 4.56 | 4.61 | 5.18 | 3.38 | +325 | +218 | + 3.3 | $+1.2$ | + 2.6 |
| Mar. | 172 | 196 | 4.50 | 4.26 | 4.56 | 5.31 | 3.47 | +555 | +415 | $+3.0$ | $+1.6$ | $+2.6$ |
| Apr. | 199 | 150 | 4.03 | 3.84 | 4.64 | 5.38 | 3.50 | + 92 | $+49$ | $+2.1$ | - 0.3 | $+2.0$ |
| May | 275 | 94 | 3.94 | 3.60 | 4.90 | 5.62 | 3.71 | + 96 | - 8 | $+1.2$ | + 1.6 | + 1.9 |
| June | 257 | 88 | 3.97 | 3.53 | 4.99 | 5.79 | 3.80 | + 95 | +164 | $+2.0$ | $+1.7$ | $+2.5$ |
| July | 311 | 132 | 3.78 | 4.20 | 5.01 | 5.78 | 3.86 | +307 | +223 | + 3.2 | + 1.7 | $+2.2$ |
| Aug. | 250 | 86 | 3.88 | 4.26 | 5.12 | 5.89** | 3.78 | +282 | +261 | + 3.7 | $+1.2$ | $+2.5$ |
| Sept. p | 274 | 82 | 4.00 | 4.42 | 5.15 | 5.88** | 3.81 | + 65 | +154 | $+2.0$ | - 0.1 | $+1.7$ |
| 1967--Sept. 6 p | 287 | 79 | 4.03 | 4.33 | 5.11 | 5.83** | 3.80 |  |  | + 2.2 | $+0.4$ | $+0.3$ |
| 13 p | 316 | 70 | 3.98 | 4.33 | 5.11 | 5.98 | 3.80 |  |  | $+0.2$ | $+0.3$ | $+0.2$ |
| 20 p | 308 | 106 | 4.00 | 4.46 | 5.16 | 5.82 | 3.82 |  |  | - 0.8 | - 1.9 | + 0.3 |
| 27 p | 185 | 74 | 4.00 | 4.55 | 5.22 | 5.89** | 3.83 |  |  | $+0.1$ | +1.1 | $+0.1$ |
|  | Averages |  |  |  |  |  |  | Annual rates of increase 3/ |  |  |  |  |
| Year 1966 | -283 | 672 | 5.06 | 4.85 | 4.77 | 5.41 | 3.67 | + 0.8* | + 1.2* | + 3.7* | $+2.2$ | + 8.8* |
| Second Half 1966 | -338 | 763 | 5.39 | 5.12 | 4.87 | 5.74 | 3.83 | - 1.3* | - 2.3* | + 0.3* | - 0.2 | + 6.5* |
| First Half 1967 | 153 | 222 | 4.38 | 4.09 | 4.70 | 5.45 | 3.56 | +15.0 | +10.7 | +12.1 | + 6.8 | +17.3 |
| Recent variations |  |  |  |  |  |  |  |  |  |  |  |  |
| Mar. 29-June 28 | 245 | 110 | 4.00 | 3.66 | 4.83 | 5.63 | 3.68 |  |  | +18.8 | + 6.9 | +14.3 |
| Jun. 28-Aug. 16 | 280 | 123 | 3.85 | 4.17 | 5.05 | 5.83 | 3.82 |  |  | +19.4 | +11.8 | +18.4 |
| Aug. 16-Sept. 27 | 290 | 70 | 3.91 | 4.40 | 5.15 | 5.91 ** | 3.81 |  |  | + 6.5 | - 1.0 | + 9.2 |

[^1]September 29, 1967.
auctioned October 3 and paid for on October 9, with 75 per cent tax and loan credit. The Treasury also announced another full 13 week cycle of $\$ 100$ million cash additions to the 3 -month bill auctions. In anticipation of a financing announcement, the 3-month Treasury bill rose by 20 basis points in a week to a peak of 4.60 per cent on September 22 , but subsequently dropped back to around 4.40 per cent as the market supply of such bills became limited in a period when the System was meeting sizable reserve needs. But the 6 -month and 1year bills have stayed closer to their late September peaks and were most recently quoted at 5.02 and 5.16 per cent respectively. Rates on other short-term instruments, such as Federal Agencies and bankers acceptances, have also advanced somewhat during recent weeks.

The Federal funds rate fluctuated in a $3-7 / 8-4-1 / 8$ per cent range during the past three weeks and new dealer loan rates in New York in a 4-1/8-4-3/8 per cent range. For Federal funds, this has been the range of fluctuation generally prevailing since May, along with member bank borrowings most conmon1y in a $\$ 50$ - $\$ 100$ million range and free reserves generally in a $\$ 175$ - $\$ 325$ million range. During the three weeks ending September 27, which included the September dividend and tax period, the Federal funds rate has averaged just about 4 per cent, a tick higher than in previous summer months. Member bank borrowings have averaged $\$ 83$ million and free reserves \$270 million, little different from levels prevailing during summer, but the basic reserve deficit, and hence demands for money market funds,
of major New York banks bulged around the mid-September dividend and tax weeks.

Relative to the seasonal movements in other reserve factors, the System's open market operations were a minor factor in the market until the last 10 days of September. In meeting the reserve needs that developed in this recent period, the System purchased around $\$ 725$ million of Treasury bills, and also bought $\$ 140$ million of coupon issues. These operations and other factors affecting reserves during the month led to an expansion in total reserves of $7 \frac{1}{2}$ per cent, at a seasonally adjusted annual rate, and required reserves at around a 6 per cent rate. The required reserve growth was well below that of the previous two months, partly because bank credit expansion in September was sustained mainly by time deposit growth.

## Prospective developments

It would appear that bank credit in October under the influence of the current Treasury financing is likely to expand somewhat faster than in September-in the area of $10-13$ per cent-if money market conditions remain within recent ranges. These market conditions are likely to be consistent with a 3 -month Treasury bill rate moving up in a 4.40-4.70 per cent range as the favorably dated December move cut of the 3 -month maturity slot. The bill rate was only afrected to a very minor extent by the recent increase in the Canadian discount rate; however, any further significant tightening of money market conditions abroad affecting Euro-dollar rates would tend to exert pressure on our bill rates.

The rate of bank credit expansion projected for October is about the same as that experienced in the first half of 1967 , and below the high July-August rates. It in large part reflects $\$ 5$ billion of Treasury net cash borrowing during the month--including the tax bill financing noted earlier and cash additions to the regular weekly and monthly bill auctions. About half of the bank credit expansion, on a daily average basis, will probably take the form of additions to U.S. Government demand deposits. Banks will sell off part of the tax bills they acquire, but such sales are likely to be at a relatively slow pace so long as loan demand pressures remain moderate. Under such conditions, private demand deposits and the money supply may be expected to show a small increase in October.

Time and savings deposits in October are expected to expand in an 11 - 13 per cent range, slightly faster than in September, but still slower than in earlier months of the year. Net inflows of consumer time and savings deposits are likely to continue at around the recent somewhat reduced pace, given continued competition from market rates. Banks are likely to make some efforts to replace September CD run-offs in October, but the net increase in CD's outstanding in the month is likely to be moderate in view of the uncertainties about the strength of loan demand and competition from new tax bills, so ing as there is continued availability of Euro-dollar funds. Eanis wit rigobably find it necessary to stress relatively shorter CD maturities in order to attract funds, given the existing structure of rates in the $i \cdot 11$ market.

Because Government demand deposits are projected to be a principal source of funds for bank credit expansion, required reserves in October may expandat a $15-17$ per cent rate, a much more rapid growth than in September, when demand deposits were only a minor source of bank credit growth. Total and nonborrowed reserves would be expected to grow at similar rates, assuming borrowings do not edge up from current levels, since banks have little scope to economize on excess reserves.

If the Committee should favor a move toward somewhat firmer money market conditions, it might contemplate operations leading to an increase in member bank borrowings from current levels to a \$100\$150 million range and a rise in the Federal funds rate to trading more frequently at 4-1/8 per cent. The psychological and other effects of such a policy shift are difficult to specify in the present environment, dominated as it is by a number of fiscal uncertainties. The 3 -month bill rate would be more certain to move towards the upper end of the previously specified range and would likely break through to around $4-3 / 4$ per cent. The equilibrium bill rate would depend in large measure, however, on how strong an effort banks would make to secure CD's by raising their offering rates while it was still Efarible to ain sc. With such an effort, a temporary quickening of bart cesi: giowth could develop, with a further impetus if banks aiso in 20.1 an:e aggreasive in the Euro-dollar market. Intermediate- and 107 E term mariet yicids would also tend to rise further, with the astels of
increase depending in part on how apprehensive market participants become about the future mix of fiscal and monetary policies, including discount rate action, and about prospects for disintermediation. The current Treasury bill financing and the Treasury's midNovember refunding to be announced in the latter part of October would pose some problems of timing if the Committee calls for a move toward less ease, even if the change in conditions sought is of the modest dimensions suggested above. The initiation of such a move would need to be timed to avoid undermining either bank or dealer underwriting support in the current large tax bill issue and thus would depend upon market conditions surrounding the financing--with the auction date October 3 and the payment date October 9. And to avoid complicating the Treasury's problems in designing and pricing the mid-November refunding, any such move would best be substantially completed a few days before the announcement date around October 25.

Table A-1
marginal reserve measures
(Dollar amounts in millions, based on period averages of daily figures)

| Period | Excess <br> reserves Member banks <br> borrowings |  | Freereserves |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Astrvisedtodate |  |  | As first published each week | As expected at conclusion of each week's open market opeations |
| Monthly (reserves weeks ending in): |  |  |  |  |  |
| 1966--September | 375 | 765 | -390 |  |  |
| October | 341 | 766 | -425 |  |  |
| November | 370 | 605 | -235 |  |  |
| December | 333 | 529 | -196 |  |  |
| 1967--January | 417 | 476 | - 59 |  |  |
| February | 408 | 366 | 42 |  |  |
| March | 368 | 196 | 172 |  |  |
| April | 349 | 150 | 199 |  |  |
| May | 369 | 94 | 275 |  |  |
| June | 345 | 88 | 257 |  |  |
| July | 449 | 132 | 317 |  |  |
| August | 336 | 86 | 250 |  |  |
| September p | 356 | 82 | 274 |  |  |
| Weekly: |  |  |  |  |  |
| 1967--June 7 | 331 | 77 | 254 | 284 | 290 |
| 14 | 355 | 43 | 312 | 325 | 339 |
| 21 | 261 | 91 | 170 | 198 | 229 |
| 28 | 431 | 141 | 290 | 304 | 292 |
| July 5 | 462 | 353 | 109 | 152 | 168 |
| 12 | 643 | 69 | 574 | 597 | 604 |
| 19 | 236 | 51 | 185 | 195 | 214 |
| 26 | 453 | 54 | 399 | 403 | 417 |
| Aug. 2 | 295 | 116 | 179 | 206 | 188 |
| 9 | 371 | 91 | 280 | 324 | 319 |
| 16 | 382 | 129 | 253 | 258 | 269 |
| 23 | 473 | 47 | 426 | 422 | 438 |
| 30 | 260 | 46 | 214 | 182 | 202 |
| Sept. 6 p | 366 | 79 | 287 | 288 | 219 |
| 13 p | 386 | 70 | 316 | 275 | 293 |
| 20 p | 414 | 106 | 308 | 336 | 350 |
|  | 259 | 74 | 185 | 185 | 217 |

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TABLE A-2
AGGREGATE RESERVES AND RELATED MEASURES

## Retrospective Changes, Seasonally Adjusted

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

|  | Reserve Aggregates |  |  |  | Monetary Variables |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Required reserves |  | Total Member Bank Deposits (credit) $1 / 2$ | Time <br> Deposits (comm. banks) $2 /$ | Money Supply |  |
|  | Total <br> Reserves | Nonborrowed Reserves | Total | Against Demand Deposits |  |  | Total | Private Demand Deposits |
| Annually: |  |  |  |  |  |  |  |  |
| 1965 | $+5.2$ | $+4.2$ | + 5.1 | $+2.3$ | $+9.1$ | +16.0 | $+4.7$ | $+4.3$ |
| 1966 | $+1.2$ | $+0.8$ | + 1.4 | $+0.9$ | $+3.7$ | $+8.8$ | +2.2 | $+1.2$ |
| Monthly: |  |  |  |  |  |  |  |  |
| 1966--Ju1. | + 8.1 | $+6.0$ | $+4.9$ | $+5.9$ | $+9.3$ | +16.3 | -4.9 | - 8.1 |
| Aug. | -15.2 | -13.0 | - 8.4 | -11.5 | - 1.0 | + 9.2 | $+1.4$ | + 0.9 |
| Sept. | $+4.5$ | - 2.0 | - 1.0 | - 4.5 | - 0.5 | $+3.8$ | +2.8 | $+1.8$ |
| Oct. | - 6.9 | - 6.4 | - 3.0 | - 7.2 | - 4.4 | $+1.5$ | - 2.8 | - 4.5 |
| Nov. | - 3.1 | $+8.3$ | - 3.1 | - 0.5 | - 3.4 | - 2.3 |  | - 0.9 |
| Dec. | - 0.9 | - 0.7 | + 1.8 | - 6.7 | + 2.0 | + 9.8 | +2.1 | + 0.9 |
| 1967--Jan. | +19.2 | +26.0 | +14.4 | +14.0 | +16.1 | +16.5 | - 0.7 | - 2.7 |
| Feb . | +11.5 | +17.4 | +12.0 | +11.6 | +15.9 | +19.3 | $+8.5$ | $+9.1$ |
| Mar. | +21.6 | +29.4 | +15.3 | +9.8 | +14.3 | +19.0 | +11.2 | +12.7 |
| Apr. | $+2.5$ | $+4.7$ | $+8.1$ | $+5.0$ | + 9.9 | +14.4 | - 2.8 | - 5.4 |
| May | - 0.4 | $+4.9$ | - 1.2 | - 2.1 | $+5.6$ | +13.5 | +12.5 | +15.3 |
| June | $+8.4$ | + 4.9 | $+4.8$ | - 2.8 | + 8.8 | +17.5 | +11.7 | +13.3 |
| Ju1. | +11.3 | +15.2 | +16.0 | +16.1 | +15.2 | +15.2 | +11.6 | +14.0 |
| Aug. | +13.1 | +14.2 | +16.0 | +15.1 | +16.4 | +17.1 | $+8.1$ | +10.4 |
| Sept. p | $+7.7$ | $+3.2$ | $+6.3$ | $+3.7$ | $+9.4$ | +11.4 | -0.7 | - 2.6 |

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, 1966.
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Chart 1

## MEMBER BANK RESERVES




Chart 2
MEMBER BANK DEPOSITS AND LIABILITIES TO OVERSEAS BRANCHES


LIABILITIES TO OVERSEAS BRANCHES [WEEKLY REPORTING BANKS]
NOT SEAS ADJ, WEDNESDAYS

Chart 3

## MONEY SUPPLY AND BANK DEPOSITS



Chort 4

## DEMAND DEPOSITS AND CURRENCY



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 |  |  |  | $\begin{gathered} \text { Change } \\ \text { in } \\ \text { total } \\ \text { reserves } \end{gathered}$ | Bank use of reserves |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Federal Reserve } \\ \text { credit (excl. } \\ \text { float) } 1 / \\ \hline \end{gathered}$ | Gold stock | Currency outside banks | $\begin{gathered} \text { Technical } \\ \text { factors } \\ \text { net } 2 / \\ \hline \end{gathered}$ |  | Required reserves 3/ | Excess reserves |
| Year: ACTUAL |  |  |  |  |  |  |  |
| ${ }^{\text {「 } 965}$ (12/30/64-12/29/65) | +4,035 | -1,602 | -2,143 | + 798 | +1,089 | +1,188 | - 99 |
| 1966 (12/29/65-12/28/66) | +3,149 | - 627 | -2,243 | + 805 | +1,085 | +1,111 | - 26 |
| Year-to-date: |  |  |  |  |  |  |  |
| (12/29/65-9/28/66) | +1,660 | - 529 | - 385 | - 692 |  | + 449 | - 396 |
| (12/28/66-9/27/67) | +1,984 | - 153 | - 80 | -1,705 | + 45 | + 223 | - 178 |
| Weekly: |  |  |  |  |  |  |  |
| $\begin{array}{ll}\text { 1967--August } & 23 \\ & 30\end{array}$ | - 300 | + 1 | +107 | + 203 | + 10 | - 81 | + 91 |
|  | - 263 | - 14 | + 255 | - 273 | - 298 | - 85 | + 213 |
| September | + 475 | - 36 | - 524 | + 552 | + 469 | + 363 | + 106 |
|  | - 501 | - 1 | - 64 | + 648 | + 82 | + 62 | + 20 |
|  | - 119 | -- | + 245 | + 156 | + 281 | + 253 | + 28 |
|  | + 446 | - 1 | $+\quad 272$ | - 815 | - 97 | + 58 | - 155 |
| PROJECTED ${ }^{4 /}$ |  |  |  |  |  |  |  |
| 1967--October $\begin{array}{r}4 \\ \\ \\ \\ \\ \\ 11 \\ \\ \\ 25\end{array}$ | + 330 | -- | - 50 | - 205 | + 75 | + 75 | -- |
|  | + 335 | -- | - 285 | -- | + $+\quad 50$ | $+\quad 50$ | -- |
|  | + 70 | -- | - 120 | + 370 | + 320 | + 320 | -- |
|  | - 370 | -- | + 170 | + 200 | -- | -- | -- |
| November $\begin{array}{rr}1 \\ & 8 \\ \\ \\ \\ 15\end{array}$ | + 235 | -- | $+\quad 20$ | - 380 | - 125 | - 125 | -- |
|  | + 250 | -- | - 220 | - 100 | - 70 | - 70 | -- |
|  | + 200 | -- | - 350 | + 95 | - 55 | - 55 | -- |

$\frac{1}{2} /$ For retrospective details, see Table B-4.
p-Preliminary.
2/ For factors included, see Table B-3.
3/ For required reserves by type of deposits, see Table B-2.
4/ See reverse side for explanation of projections.

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)


[^2]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 <br> 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: |  |  |  |  |  |
| (12/29/65-9/28/66) | - 692 | - 119 | - 516 | - 13 | - 44 |
| (12/28/66-9/27/67) | -1,705 | -. 424 | -1,281 | + 14 | - 14 |
| Weekly: |  |  |  |  |  |
| 1967--Aug. 23 | + 203 | - 7 | + 247 | - 7 | - 30 |
| 30 | - 273 | - 34 | - 324 | + 12 | + 73 |
| Sept. $\begin{array}{r}6 \\ \\ \\ 13 \\ 20 \\ 27\end{array}$ | + 552 | + 399 | + 120 | - 12 | + 45 |
|  | + 648 | + 520 | + 134 | + 7 | - 13 |
|  | +156 | - 151 | + 210 |  | + 97 |
|  | - 815 | - 560 | - 258 | - 3 | $+6$ |
| PROJECTED |  |  |  |  |  |
| 1967--Oct. $\begin{array}{rr}4 \\ & 11 \\ & 18 \\ & 25\end{array}$ | - 205 | - 55 | - 150 | -- | -- |
|  | -- | - 40 | + 40 | -- | -- |
|  | + 370 | -- | + 220 | -- | $+150$ |
|  | + 200 | -- | + 200 | -- | -- |
| Nov. $\begin{array}{r}1 \\ \\ \\ \\ \\ \\ \\ 15\end{array}$ | - 380 | -- | - 380 | -- | -- |
|  | - 100 | -- | - 100 | -- | -- |
|  | + 95 | -- | + 80 | -- | + 15 |

Table B-4
source of federal reserve credit
Retrospective Changes
(Dollar amounts in millions of dollars, based on weekly averages of daily figures)


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


[^3]1/ Reserves have been adjusted for redefinition of time deposits effective June 9, 1966.

Table C-2
DEPOSITS SUPPORTED EY REQUTRED RESERVES AT ALL MEMBER BANKS
Seasonally adjusted
(Dollar amounts in billions, based on monthly averages of daily figures)

| Month1y | ```Total member bank deposits (credit) 1/2/``` | $\begin{aligned} & \text { Time } \\ & \text { deposits } \end{aligned}$ | Private demand deposits 3/ | ```U.S. Gov't. demand deposits``` |
| :---: | :---: | :---: | :---: | :---: |
| 1965--Ju1. | 229.1 | 113.6 | 108.6 | 6.8 |
| Aug. | 230.4 | 115.4 | 108.8 | 6.3 |
| Sept. | 231.4 | 116.9 | 109.6 | 4.9 |
| Oct. | 233.5 | 119.0 | 110.1 | 4.4 |
| Nov. | 234.8 | 120.2 | 110.5 | 4.1 |
| Dec. | 236.4 | 121.2 | 111.0 | 4.2 |
| 1966--Jan. | 238.0 | 121.7 | 111.7 | 4.7 |
| Feb. | 239.0 | 122.0 | 112.0 | 5.0 |
| Mar. | 239.8 | 123.0 | 112.6 | 4.2 |
| Apr . | 242.2 | 124.8 | 113.3 | 4.1 |
| May | 243.9 | 126.1 | 113.0 | 4.8 |
| June | 244.8 | 127.5 | 113.3 | 4.0 |
| Ju1. | 246.7 | 128.7 | 112.6 | 5.3 |
| Aug. | 246.5 | 129.7 | 112.4 | 4.4 |
| Sept. | 246.4 | 130.1 | 112.4 | 3.9 |
| Oct. | 245.5 | 129.9 | 111.6 | 4.0 |
| Nov. | 244.8 | 129.3 | 111.6 | 4.0 |
| Dec. | 245.2 | 130.3 | 111.7 | 3.2 |
| 1967--Jan. | 245.5 | 132.2 | 111.4 | 4.9 |
| Feb. | 251.8 | 134.4 | 112.4 | 5.0 |
| Mar. | 254.8 | 136.5 | 113.6 | 4.8 |
| Apr . | 256.9 | 138.0 | 113.1 | 5.8 |
| May | 258.1 | 139.4 | 114.5 | 4.1 |
| June | 260.0 | 141.7 | 116.1 | 2.2 |
| Ju1. | 263.3 | 143.3 | 116.8 | 3.2 |
| Aug. | 256.9 | 145.6 | 117.6 | 3.7 |
| Sept. p | 269.0 | 147.1 | 117.4 | 4.4 |

1/ 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/ Deposits have been adjusted for redefinition of time deposits effective June 9. 1967.
3/ Private demand deposits include demand deposits of individual, partnerships and corporations and net interbank balances.

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

| Week ending: | Total member bank deposits (credit) 1/ $2 /$ | Time deposits $\qquad$ | Private demand deposits $3 /$ | $\begin{array}{\|l} \hline \text { U. S. Gov't. } \\ \text { demand } \\ \text { deposits } \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: |
| 1967--Apr. 5 | 256.0 | 137.5 | 113.9 | 4.7 |
| 12 | 256.8 | 137.9 | 113.5 | 5.5 |
| 19 | 257.1 | 138.1 | 112.9 | 6.0 |
| 26 | 257.4 | 138.3 | 112.4 | 6.7 |
| May 3 | 257.7 | 138.5 | 113.1 | 6.1 |
| 10 | 258.0 | 138.8 | 113.3 | 5.9 |
| 17 | 258.1 | 139.3 | 114.9 | 3.9 |
| 24 | 257.9 | 139.8 | 114.9 | 3.2 |
| 31 | 258.4 | 140.3 | 115.4 | 2.7 |
| June 7 | 259.3 | 140.9 | 115.9 | 2.6 |
| 14 | 260.2 | 141.6 | 116.1 | 2.6 |
| 21 | 261.2 | 141.8 | 116.2 | 3.2 |
| 28 | 259.9 | 142.1 | 116.2 | 1.6 |
| Ju1. 5 | 260.4 | 142.5 | 116.9 | 1.0 |
| 12 | 261.7 | 142.9 | 117.2 | 1.6 |
| 19 | 263.9 | 143.4 | 116.6 | 4.0 |
| 26 | 264.6 | 143.7 | 116.6 | 4.3 |
| Aug. 2 | 265.8 | 144.4 | 117.2 | 4.3 |
| 9 | 267.0 | 145.0 | 117.5 | 4.4 |
| 16 | 266.7 | 145.4 | 117.4 | 3.9 |
| 23 | 266.8 | 145.8 | 117.6 | 3.4 |
| 30 | 267.0 | 146.5 | 117.6 | 3.0 |
| Sept. 6 p | 269.2 | 146.9 | 118.3 | 4.0 |
| 13 p | 269.4 | 147.0 | 118.1 | 4.3 |
| 20 p | 268.7 | 147.1 | 116.1 | 5.5 |
| 27 p | 268.8 | 147.2 | 117.2 | 4.4 |

n- Preliminary.
1/ 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/ Deposits have been adjusted for redefinition of time deposits effective June 9, 1967.
3/ Private demand deposits include demand deposits on individuals, partner-

TABLE C-3
money supply and time deposits at all comercial 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 $3 /$ $\qquad$ |
| :---: | :---: | :---: | :---: | :---: |
| 1965--Ju1. | 162.4 | 35.3 | 127.2 | 137.9 |
| Aug. | 163.2 | 35.5 | 127.8 | 139.8 |
| Sept. | 164.0 | 35.7 | 128.4 | 141.6 |
| Oct. | 165.2 | 36.0 | 129.3 | 143.8 |
| Nov. | 165.7 | 36.1 | 129.6 | 145.5 |
| Dec. | 166.8 | 36.3 | 130.5 | 146.9 |
| 1966--Jan. | 167.9 | 36.6 | 131.4 | 147.5 |
| Feb. | 168.3 | 36.7 | 131.6 | 148.3 |
| March | 169.2 | 36.9 | 132.3 | 149.8 |
| Apr . | 170.5 | 37.1 | 133.4 | 151.8 |
| May | 170.2 | 37.3 | 132.9 | 153.4 |
| June | 170.6 | 37.4 | 133.2 | 154.8 |
| Ju1. | 169.9 | 37.7 | 132.3 | 156.9 |
| Aug. | 170.1 | 37.8 | 132.4 | 158.1 |
| Sept. | 170.5 | 37.9 | 132.6 | 158.6 |
| Oct. | 170.1 | 38.0 | 132.1 | 158.8 |
| Nov. | 170.1 | 38.1 | 132.0 | 158.5 |
| Dec. | 170.4 | 383 | 132.1 | 159.8 |
| 1967--Jan. | 170.3 | 38.5 | 131.8 | 162.0 |
| Feb. | 171.5 | 38.7 | 132.8 | 164.6 |
| Mar. | 173.1 | 38.9 | 134.2 | 167.2 |
| Apr. | 172.7 | 39.1 | 133.6 | 169.2 |
| May | 174.5 | 39.2 | 135.3 | 171.1 |
| June | 176.2 | 39.3 | 136.8 | 173.6 |
| Ju1. | 177.9 | 39.5 | 138.4 | 175.8 |
| Aug. | 179.1 | 39.6 | 139.6 | 178.3 |
| Sept. p | 179.0 | 39.7 | 139.3 | 180.0 |

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 COMMERCIAL BANKS
Seasonally Adjusted
(Dollar amounts in billions, based on weekly averages of daily figures)

| Week Ending | Money Supply | Currency 1/ | Private Demand Deposits 2/ | Time Deposits adjusted 3/ |
| :---: | :---: | :---: | :---: | :---: |
| 1967--Apr. 5 | 173.4 | 39.1 | 134.3 | 168.3 |
| 12 | 173.1 | 39.1 | 134.0 | 169.0 |
| 19 | 172.6 | 39.1 | 133.5 | 169.5 |
| 26 | 172.1 | 39.1 | 133.0 | 169.6 |
| May 3 | 172.8 | 39.1 | 133.7 | 169.9 |
| 10 | 173.0 | 39.1 | 133.9 | 170.4 |
| 17 | 174.7 | 39.1 | 135.6 | 171.0 |
| 24 | 174.8 | 39.2 | 135.6 | 171.5 |
| 31 | 175.6 | 39.3 | 136.3 | 172.2 |
| June 7 | 176.0 | 39.3 | 136.7 | 172.6 |
| 14 | 176.3 | 39.4 | 136.9 | 173.6 |
| 21 | 176.4 | 39.4 | 137.0 | 173.7 |
| 28 | 176.4 | 39.4 | 136.9 | 173.9 |
| July 5. | 177.6 | 39.4 | 138.2 | 174.6 |
| 12 | 178.1 | 39.5 | 138.6 | 175.4 |
| 19 | 177.7 | 39.4 | 138.3 | 175.8 |
| 26 | 177.8 | 39.4 | 138.4 | 176.1 |
| Aug. 2 | 178.3 | 39.4 | 138.9 | 176.8 |
| 9 | 178.8 | 39.6 | 139.3 | 177.8 |
| 16 | 179.2 | 39.6 | 139.7 | 178.2 |
| 23 | 179.1 | 39.6 | 139.5 | 178.5 |
| 30 | 179.1 | 39.6 | 139.3 | 179.4 |
| Sept. 6 p | 179.5 | 39.7 | 139.8 | 179.5 |
| 13 p | 179.8 | 39.8 | 140.0 | 179.7 |
| 20 p | 177.9 | 39.7 | 138.1 | 180.0 |
| 27 p | 179.0 | 39.7 | 139.3 | 180.1 |

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 of Federal Reserve Banks.
3/ 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).
    ${ }^{2}$ A two-step process was used. An advanced optical character recognition computer program (OCR) first created electronic text from the document image. Where the OCR results were inconclusive, staff checked and corrected the text as necessary. Please note that the numbers and text in charts and tables were not reliably recognized by the OCR process and were not checked or corrected by staff.

[^1]:    $\frac{1}{2}$ Includes issues carrying 5 -year and 10 -year call protection; $\boldsymbol{*}^{\prime}$ issues carry a 5-year call protection.
    2/ Time deposits adjusted at all commercial banks.
    3/ Base is change 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.

[^2]:    1/ Reflects reserve requirements changes in July and September 1966.
    2/ Reflects reserve requirements changes in March 1967.
    $\overline{\mathrm{p}}$ - Preliminary.

[^3]:    p-Preliminary.

