L. 4.3

Not for Publication

# FEDERAL RESERVE BANK of KANSAS CITY <br> - Researien 1:13 <br> search Library - 

BANKING AND MONETARY DEVELOPMENTS
January 1973

Banking Section
Division of Research and Statistics Board of Governors of the Federal Reserve System

## TABLE 1

Changes in Commercial Bank Credit, Money Stock, and Time Deposits

|  | Seasonally adjusted annual rates (per cent) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1969 | 1970 | 1971 |  |  |  |  | 1973 |
|  | Year | Year | Year | Year | $\begin{aligned} & 18 \mathrm{t} \\ & \mathrm{Half} \end{aligned}$ | $\begin{aligned} & \text { 2nd } \\ & \text { Half } \end{aligned}$ | $\begin{aligned} & \hline \text { 4th } \\ & \text { Qtr. } \end{aligned}$ | Jan. P |
| Total bank credit | 2.9 | 8.4 | 11.4 | 14.1 | 13.1 | 14.2 | 14.1 | 20.4 |
| U.S. Gov't. sec. | -15.7 | 12.6 | 4.7 | 2.1 | 8.2 | -3.8 | -- | -1.9 |
| Other securities | -0.3 | 20.6 | 20.7 | 10.6 | 11.7 | 9.0 | 8.1 | 10.4 |
| Loans | 8.2 | 4.5 | 12.5 | 17.4 | 14.4 | 19.1 | 18.4 | 26.8 |
| Business loans | 10.2 | 3.7 | 5.4 | 12.2 | 9.7 | 13.9 | 14.4 | 36.3 |
| Real estate loans | 8.3 | 3.6 | 13.7 | 19.5 | 19.4 | 17.9 | 17.6 | 17.3 |
| Consumer loans 3/ | 10.0 | 5.3 | 12.7 | 16.7 | 13.3 | 19.0 | 19.0 | 17.0 |
|  | Adjusted for loan sales to bank affiliates. |  |  |  |  |  |  |  |
| Total bank credit | 3.9 | 8.1 | 11.3 | 14.0 | 12.8 | 14.2 | 14.4 | 20.3 |
| Loans | 9.7 | 4.1 | 9.9 | 17.3 | 14.0 | 19.2 | 18.7 | 26.6 |
| Business loans | 12.9 | 3.1 | 4.8 | 12.1 | 9.4 | 14.1 | 15.2 | 35.8 |
| - Money stock | 3.6 | 6.0 | 6.6 | 8.3 | 7.7 | 8.5 | 8.6 | -0.5 |
| Total time deposits | -4.8 | 17.9 | 18.2 | 15.5 | 15.4 | 14.5 | 14.4 | 16.1 |
| Time other than CD's | 1.4 | 11.1 | 16.7 | 13.3 | 13.7 | 12:1 | 11.6 | 13.4 |
| CD's (Dollar change in billions) | -12.4 | 14.4 | 7.7 | 10.1 | 4.4 | 5.7 | 3.3 | 1.2 |

1/ Beginning June 1972, business loans were reduced by $\$ 400$ million as a result of loan reclassifications at one large bank. Changes have been adjusted to take account
of this reclassification.
2/ Includes $\$ 800$ million system matched sale-purchase transac tions outstanding on September 27.

3/ Includes $\$ 300$ million system matched sale-purchase transactions outstanding on November 29.

Note: Deposit data revised to conform with money supply.

Loans and Investments at All Commercial Banks
(Seasonally Adjusted)

| Date | Total | Loans | U.S. Gov't. securities | Other securities |
| :---: | :---: | :---: | :---: | :---: |
|  | - | 11 ion | f doll |  |
| 1968--Dec. 31 | 390.61 | 258.2 | 61.0 | 71.4 |
| 1969--Dec. 31 2/ | 402.1 | 279.4 | 51.5 | 71.2 |
| 1970--Dec. 31 | 435.9 | 292.0 | 58.0 | 85.9 |
| $\text { 1971--June } 30 \text { (old) }$ | 461.1 | 302.4 | 62.8 | 95.9 |
| (new) 4/ |  | 301.7 |  | $96.6$ |
| July 28 | 463.7 | 304.1 | 61.6 | 98.0 |
| - Aug. 25 | 468.4 | 309.7 | 60.9 | 97.8 |
| Sept. 29 | 472.4 | 313.0 | 59.9 | 99.5 |
| Oct. 27 | 477.2 | 317.0 | 59.1 | 101.1 |
| Nov. 24 | 479.8 | 318.7 | 58.8 | 102.2 |
| Dec. 31 | 485.7 | 320.6 | 60.7 | 104.5 |
| 1972--Jan. 26 | $491.4{ }^{\text {' }}$ | 325.7 | 59.7 | 106.0 |
| Feb. 23 | 496.6 | 328.5 | 61.0 | 107.1 |
| Mar . 29 | 505.0 | 333.8 | 62.3 | 108.9 |
| Apr . 26 | 507.4 | 335.9 | 62.6 | 108.9 |
| May 31 | 516.1 | 341.9 | 63.1 | 111.1 |
| June 30 | 517.5 | 343.7 | 63.2 | 110.6 |
| July 26 | 521.9 | 348.4 | 62.3 | 111.2 |
| Aug. 30 | $529.8$ | 356.2 | 61.4 | 112.3 |
| Sept .27 | 535.3 5/ | 360.0 5/ | 62.0 | 113.3 |
| Oct. 25 |  | 367.2 6/ | 59.9 | 113.3 |
| Nov. 29 | $549.4{ }^{\text {- }}$ | 373.6 - | 60.6 | 115.1 |
| Dec. 31 | 554.2 | 376.6 | 62.0 | 115.6 |
| 1973--Jan. 31 p | 563.6 | 385.0 | 61.9 | 116.6 |

1/ Adjusted to exclude domestic commercial interbank loans.
p - Preliminary.
2/ Beginning July 1969, bank credit data are revised to include all bank premises subsidiaries and other significant majority-owned domestic subsidiaries; earlier data for commercial banks only. Also total loans and investments are now reported gross of valuation reserves rather than net as previously reported. Individual loan items have always been reported gross.
4/ Beginning June 30, 1971, Farmers Home Administration insured notes totaling approximately $\$ 700$ million are included in other securities; previously they had been included in real estate loans.


p - Preliminary
1/ To bank holding companies affiliates subsidiaries or foreign branches.
2/ To other than banks' and bank-related affiliates or subsidiaries
3/ Includes all loans sold to bank holding companies, affiliates, subsidiaries, or foreign branches.

Less than $\$ 50$ millition.
6/ includes $\$ 800$ million system matches sale-purchase transactions outstanding on Tebruary $\mathbf{2 4}$. $\mathbf{7 0 0}$ million are included in "other securities" rather than in "real estate loans".
$\frac{8 /}{9 /}$ Begining June 1972, business loans were reduced by about $\$ 400$ million as the result of loan reclassifications at one large bank.
9/ Includes $\$ 800$ million system matched sale-purchase transactions outstanding on Septeaber 27.
10/ Includes $\$ 300$ million system matched sale-purchase transactions outstanding on November 29.

TABLS 3 - Supplememeary
LOARS SOLD OUIRIGTT BY COMERCLAL BANKS AND EAW CREDIT ADJUSTED FOR SELECTED LOAN SALES


TABLE 4
NONDEPOSIT SOURCES OF FUNDS AND METHODS OF FINANCE
(Outstandings in billions of dollars)

$\frac{1}{2} /$ Includes an indeterminate amount of Federal funds purchases from U.S. Agencies of foreign banks
2/ Issued by a bank holding company or other bank affiliates.
3/ Loans or participation in pools of loans sold under repurchase agreements.
4/ To bank holding companies, affiliates, or subsidiaries.
5/ To other than banks and bank-related affiliates or subsidiaries.
6/ Partly estimated.
7/ Less than $\$ 50$ million.

Loans at All Commercial Banks
Seasonally Adjusted

| Date | Buspiness | Real Est'te | Consumer | Security | Nonbank financial | Agriculture |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | n billi | n s of | 11 ars |  |  |
| 1966--Dec. 31 | 78.6 | 53.8 | 38.2 | 7.9 | 12.0 | 8.7 |
| 1967--Dec. 31 | 86.2 | 58.4 | 40.5 | 9.2 | 11.3 | 9.5 |
| 1968--Dec. $311 /$ | 95.9 | 64.9 2/ | 46.2 | 10.2 | 12.4 2/ | 10.0 |
| 1969--Dec. 311/ | 105.7 | $70.3^{2 /}$ 69.8 (old) (new) | 50.8 | 9.1 | 13.1 13.6 (old) (new) | 10.6 |
| 1970--Dec. 31 | 109.6 | 72.3 | $50.3^{3 /}$ | 10.3 | 14.3 | 11.4 |
| $\begin{array}{r} \text { 1971--June } 30 \text { (old) } \\ \text { (new) } \end{array}$ | 112.1 | $\begin{aligned} & 76.64 / \\ & 75.9 \end{aligned}$ | 56.3 | 9.5 | 15.9 | 12.0 |
| July 28 | 113.2 | 76.7 | 56.7 | 8.8 | 16.0 | 12.1 |
| Aug. 25 | 115.2 | 77.6 | 57.5 | 9.5 | 15.9 | 12.2 |
| Sept. 29 | 116.2 | 78.6 | 58.1 | 10.3 | 15.2 | 12.3 |
| Oct. 27 | 116.6 | 79.5 | 58.8 | 10.4 | 15.6 | 12.4 |
| Nov. 24 | 116.0 | 80.5 | 59.6 | 10.3 | 15.8 | 12.6 |
| Dec. 31 | 115.5 | 81.4 | 60.3 | 11.0 | 15.3 | 12.8 |
| 1972--Jan. 26 | 116.4 | 82.6 | 60.8 | 11.6 | 16.5 | 12.9 |
| Feb. 23 | 117.3 | 83.9 | 61.5 | 12.0 | 17.0 | 12.9 |
| Mar. 29 | 118.4 | 85.2 | 62.1 | 12.3 | 17.4 | 13.0 |
| Apr. 26 | 119.9 | 86.5 | 62.6 | 11.8 | 16.7 | 13.1 |
| May 31 | 121.2 | 88.0 | 63.4 | 13.3 | 17.1 | 13.2 |
| $\begin{aligned} \text { June } 30 & \text { (old) } \\ & \text { (new) } \end{aligned}$ | $\begin{aligned} & 121.1 \\ & 120.7-5 / \end{aligned}$ | 89.3 | 64.3 | 13.3 | 16.1 17.9 / 17 | 13.2 13.3 |
| July 26 Aug. 30 | 121.4 | 90.6 | 65.1 | 13.3 | $17.2{ }^{18.4}$ / | 13.4 |
| Aug. 30 | 123.9 | 92.1 | 66.3 | 13.76 | 19.5 | 13.5 |
| Sept. 27 - | 124.6 | 93.2 | 67.2 | 15.2 - | 18.9 | 13.5 |
| Oct. 25 Nov. 29 p | 126.7 | 94.5 | r 68.3 | 14.47 | 20.2 | 13.8 |
| Nov. 29 p Dec. 31 p | 128.2 | 96.1 | 69.3 | $15.2{ }^{-1}$ | 21.1 | 14.1 |
| Dec. 31 p | 129.1 | 97.3 | 70.4 | 14.7 | 20.7 | 14.3 |
| 1973--Jan. 31 p | 133.0 | 98.7 | 71.4 | 1.4 .5 | 22.3 | 14.6 |

1/ Data are comparable with previous months. ${ }^{\text {P }}$ Individual loan items are gross throughout and the effect of consolidation in June 1969 on any one loan item was nominal.
2/ Real estate loans decreased by $\$ 500$ million on December 31, 1969, and loans to nonbank financial institutions increased by $\$ 500$ million due to change in method of reporting mortgage loans held under repurchase agreements.
3/ Consumer credit data adjusted in July to exclude about $\$ 500$ million of consumer paper sold by finance companies to the banking system but classified as loans to nonbank financial institutions on bank records. Subsequent repayments completed in February 1972 are also included in loans to nonbank financial institutions.

4/ Beginning June 30, 1971, Farmers Home Administration insured notes totaling approximately $\$ 700$ million are included in other securities; previously, they had been included in real estate loans.
5/ Beginning June 1972, business loans were reduced by $\$ 400$ million, nonbank financial increased by $\$ 300 \mathrm{million}$, and "other" loans increased by $\$ 100 \mathrm{million}$ as the result of loan reclassification at one large bank.
6/ Includes $\$ 800$ million system matched sale-purchase transactions outstanding on September 27.

Changes in Loans and Investments at All 6
ts at All Commercial Banks, Seasonally Adjusted
(In billions of dollars)

| Item | 1971 | 1972 |  |  |  |  |  |  |  |  |  |  |  | 1973 <br> Jan. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dec. | Jan. | Feb. | March | April | May | June | July | Aug. | Sept.p | Oct. p | Nov. p | Dec. p |  |
| Loans and Investments 2/ | +5.9 | +5.7 | +5.2 | +8.4 | +2.4 | +8.7 | +1.4 | +4.4 | +7.9 | +5.54/ | +5.1 | $+9.0^{5 /}$ | +4.8 | +9.4 |
| U. S. Gov't. securities | +1.9 | -1.0 | +1.3 | +1.3 | +0.3 | +0.5 | +0.1 | -0.9 | -0.9 | +0.6 | -2.1 | +0.7 | +1.4 | -0.1 |
| Other securities | +2.3 | +1.5 | +1.1 | +1.8 | $1 /$ | +2.2 | -0.5 | +0.6 | +1.1 | +1.0 | 1/ | +1.8 | +0.5 | +1.0 |
| Loans 2/ | +1.9 | +5.1 | +2.8 | +5.3 | +2.1 | +6.0 | +1.8 | +4.7 | +7.8 | $+3.8{ }^{\frac{4}{}}$ | +7.2 | +6.4 ${ }^{\text {/ }}$ | +3.0 | +8.4 |
| Business | -0.5 | +0.9 | +0.9 | +1.1 | +1.5 | +1.3 | $-0.1^{3 /}$ | +0.7 | +2.5 | +0.7 | +2.1 | +1.5 | +0.9 | +3.9 |
| Real estate | +0.9 | +1.2 | +1.3 | +1.3 | +1.3 | +1.5 | +1.3 | +1.3 | +1.5 | +1.1 | +1.3 | +1.6 | +1.2 | +1.4 |
| Consumer | +0.7 | +0.5 | +0.7 | +0.6 | +0.5 | +0.8 | +0.9 | +0.8 | +1.2 | +0.9 | +1.1 | +1.0 | +1.1 | +1.0 |
| Security | +0.7 | +0.6 | +0.4 | +0.3 | -0.5 | +1.5 | 1/ | $1 /$ | +0.4 | +1.54/ | -0.8 | $+0.8^{\frac{5}{\prime}}$ | -0.5 | -0.2 |
| Nonbank financial | -0.5 | +1.2 | +0.5 | +0.4 | -0.7 | +0.4 | $-0.2^{3 /}$ | +1.2 | +1.1 | -0.6 | +1.3 | +0.9 | -0.4 | +1.6 |
| Agriculture | +0.2 | +0.1 | $1 /$ | +0.1 | +0.1 | +0.1 | +0.1 | +0.1 | $+0.1$ | $1 /$ | +0.3 | +0. 3 | +0.2 | +0.3 |
| All other | +0.4 | +0.6 | -0.8 | +1.5 | -0.1 | +0.4 | $-0.1^{\frac{3}{\prime}}$ | +0.7 | +1.0 | +0.2 | +1.9 | +0.1 | +0.5 | +0.4 |
| Total loans excluding security 2/ | +1.2 | +4.5 | +2.4 | +5.0 | +2.6 | $+4.5$ | +1.7 | +4.8 | +7.4 | +2.3 | +8.0 | +5.2 | +3.5 | +8.6 |
| ```Total loans excluding security and non- bank financial 2/``` | +1.7 | +3.3 | +1.9 | +4.6 | +3.3 | +4.1 | +1.9 | +3.6 | +6.3 | +2.9 | +6.7 | +4.3 | +3.9 | +7.0 |

1/ Less than $\$ 5$ : million.
$\underline{2} /$ Adjusted to exclude domestic interbank loans.

\$ 100 million as the result of loan reclassification at one large bank. Changes have been adjusted to take account of this reclassification
$\frac{4 /}{5} /$ Includes $\$ 800$ million System matched sale-purchase transactions outstanding on September 27
ㄷ/ Includes $\$ 300$ million System matched sale-purchase transactions outstanding on November 29.

Changes in Loans and Investments at All Commercial Banks, Seasonally Adjusted Adjusted for Loans Sold to Affiliates (In billions of dollars)


## 1) Less than $\$ 50$ million

2/ Adjusted to exclude domestic interbank loans.
 $\$ 100 \mathrm{million}$ as the result of loan reclassifications at one large bank. Changes have been adjusted to take account of this reclassification.
4/ Includes $\$ 800$ million System matched sale-purchase transactions outstanding on September 27.
$\overline{5}_{\mathrm{t}}$. Includes $\$ 300 \mathrm{million}$ System matched sale-purchase transactions outstanding on November 29 .
serve Bank of

Table 7
Changes in Loans and Investments at All Commercial Banks, at Weekly Reporting Banks, and at Other Banks, Not Seasonally Adjusted Adjusted for Loans Sold
(In billions of dollars)

| Item | End of December to last Wednesday of January |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1973 P | 1972 | 1971 | 1970 | 1969 | 1968 | 1967 |
| All commercial banks 2/ |  |  |  |  |  |  |  |
| Total loans | -2.9 | -5.5 | -8.2 | -8.5 | -6.1 | -4.0 | -4.5 |
| U. S. Gov't. securities | -1.2 | -2.2 | -0.2 | -1.7 | -1.3 | -0.3 | -0.2 |
| Other securities | -0.2 | +0.1 | +1.0 | -0.7 | -1.0 | +0.2 | +0.6 |
| Total | -4.2 | -7.6 | $-7.3$ | $\overline{-11.0}$ | -8.4 | -4.0 | -4.1 |
| Al1 Large Banks 2/ 3/ |  |  |  |  |  |  |  |
| Total loans | -3.1 | -5.5 | -6.8 | -6. 3 | -5.1 | -2.9 | -3.8 |
| U. S. Gov't. securities | -0.9 | -1.8 | -0.4 | -1.5 | -1.7 | -0.7 | -0.3 |
| Other securities | -0.6 | -0.2 | +0.4 | -0.6 | -0.8 | +0.4 | +0.8 |
| Total | -4.6 | -7.4 | -6.8 | -8.3 | -7.6 | -3.2 | -3.4 |
| Other banks 2/ 3/ |  |  |  |  |  |  |  |
| Total loans | +0.3 | 1/ | -1.3 | -2.2 | -0.9 | -1.2 | -0.7 |
| U. S. Gov't. securities | -0.3 | -0.5 | +0.2 | -0.3 | +0.4 | +0.4 | +0.1 |
| Other securities | +0.4 | +0.3 | +0.6 | -0.1 | -0.2 | -0.1 | -0.2 |
| Total | +0.4 | -0.2 | -0.6 | -2.6 | -0.8 | -0.8 | -0.7 |
| Year ended December |  |  |  |  |  |  |  |
| Item | 1972 p | 1971 ${ }^{4 /}$ | 1970 | 1969 | 1968 | 1967 | 1966 5 / |
| All commercial banks 2/ |  |  |  |  |  |  |  |
| Total loans | +57.1 | +30.0 | +11.0 | +22.1 | +26.9 | +17.6 | +17.7 |
| U. S. Gov't. securities | +1.7 | +3.2 | +6.5 | -9.9 | +2.0 | +6.3 | -3.4 |
| Other securities | +11.2 | $\pm 17.9$ | +14.4 | 1/ | +10.1 | +12.7 | +3.0 |
| Total | +69.9 | $+51.1$ | $+31.9$ | $\underline{+12.2}$ | $+38.9$ | $\underline{+36.6}$ | $\overline{+17.2}$ |
| A11 Large Banks 2/ 3/ |  |  |  |  |  |  |  |
| Total loans | +33.5 | +12.9 | +4.5 | +10.4 | +16.7 | +8.7 | +9.4 |
| U. S. Gov't. securities | +0.2 | +0.9 | +4.4 | -5.6 | +0.5 | +3.6 | -2.0 |
| Other securities | +3.6 | +7.7 | +8.3 | -3.1 | +5.3 | +7.3 | -0.5 |
| Total | $\underline{+37.3}$ | $\underline{+21.5}$ | $\underline{+17.3}$ | +1.7 | $\overline{+22.5}$ | +19.5 | +7.0 |
| Other banks 2/ 3/ |  |  |  |  |  |  |  |
| Total loans | +23.6 | +17.1 | +6.5 | +11.7 | +10.2 | +8.9 | +8. 3 |
| U. S. Gov't. securities | +1.5 | +2.3 | +2.1 | -4.3 | +1.5 | +2.7 | -1.4 |
| Other securities | +7.5 | $\underline{+10.2}$ | +6.0 | +3.1 | +4.8 | +5.4 | +3.5 |
| Total | +32.7 | $+29.6$ | $\underline{+14.6}$ | +10.5 | +16.4 | $\overline{+17.0}$ | $\overline{+10.2}$ |

NOTE: Data exclude domestic interbank loans; Call report data for large banks used when available. Loans adjusted to include all loans sold to bank holding companies, affiliates, subsidiaries, or foreign branches.
$\frac{1}{2} /$ Less than $\$ 50$ million.
ㄹ/ Based on revised reporting beginning July 1959. Changes have been adjusted to maintain comparability of series.
3/ Based on revised coverage beginning July 1966, and January 1967, 1968, 1969, 1970, 1971, 1972, and 1973.
4/ Allowance has been made in monthly changes in total loans and in other securities for approximately $\$ 700$ million of Farmers Home Administration insured notes shifted from loans to other securities on June 30, 1971; $\$ 200$ million were at weekly reporting banks and $\$ 500$ million at other banks.
5/ Allowance has been made in monthly changes in total loans and in other securities for approximately $\$ 1$ billion of participation certificates shifted from loans to other securities at the end of June; $\$ 700$ million were at weekly reporting and $\$ 300$ million at nonweekly reporting. Allowance has been made in monthly changes in total credit and in total loans for the $\$ 1.1$ billion of balances accumulated for the payment of personal loans excluded from time deposits and from loans on June 9; $\$ 400$ million were at weekly reporting banks and $\$ 700$ million at other banks.

Table 8
Changes in Commercial and Industrial Loans at Large Commercial Banks (In millions of dollars)


1/ Five most comparable weeks used throughout.
2/ Changes are compiled from December 29, 1971; December 30, 1970; December 31, 1969; December 25, 1968; and December 27, 1967. These data cannot be linked with all commercial bank data which are always for December 31.
3/ Prior to 1967, transportation, conmunication, services, and foreign loans were not reported separately.


NOTE: Data exclude domestic interbank loans. Consumer and "other loans" were partly estimated for all dates. Other data are partly estimated on all but lune and December call dates
loans.
2/ Beginning June 30, 1966, about $\$ 1$ billion of purticipation certificates previously included in agricultural and "all other" loans were reclassified
3/ Data revised beginning June, 1969 , to include all-bank premises subsidiafies and other significant majority-owned domestic subsidiaries; earlier
data are for commercial banks only.
4) Real estate loans decreased by $\$ 500$ million on December 31,1969 , and loans to nonbank financial institutions increased by $\$ 500$ million due to change in method of reporting mortgage loans held under repirchase agreemunts.
Consumer credit data ad justed in July to exclude about $\$ 400 \mathrm{million}$ of consumer paper sold by finance companics to the banking system but classifice
as loans to nonbank financial institutions on bank records. Subsequent as loans to nonbank financial institutions on bank records. Subsequent repayments completed in February 1972 are also included in loans to nonbink
financial institutions. financial institutions.
6/ Includes $\$ 800$ million System matched sale-purchase t-ansactions outstanding on February 24
2f Beginning June 30, 1971, Farmers Home Administration insured notes totaling pproximately $\$ 700$ million are included in other securities
8/ Beginning June 1972 , business ioans were reduced by $\leqslant 400$
/ by 100 milion as the
9/ Includes $\$ 800$ million system matched sale-purchase transactions nitstandirg on September 27.

TABLE 10
Ratios to Total Deposits 1/

|  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

*     - Ratios in parenthesis are those obtained by adding Euro-dollars to the deposit base.

1/ Total loans (adjusted to exclude loans to banks); U.S. Government securities maturing within one year estimated on basis of Treasury survey of ownership; and total deposits (adjusted to exclude cash items in process of collection).
2/ Beginning June 1969, total loans are reported gross of valuation reserves rather than net as previously reported. The higher loan level increased the ratio by about 1.3 percentage points for all commercial banks.

3/ Loan data revised to exclude only loans to domestic commercial banks. Previous for FRASdata had also excluded loans to foreign commercial banks.


I/ 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 the process of collectich and F.R. float; (2) foreign demand balances at F.R. Banks; and (3) currency outside the Treasury, F. Banks and vaults 2 / Includes in addition to currency and demand deposits, savings deposits, time deposits open account, and time certificates of deposits other than negotiable time certificates of deposit issued in denomination of $\$ 100,000$ or more by large weekly reporting commercial banks.

3/ Includes $M_{2}$, plus the average of the beginning and end of month deposits of mutual savings banks and savings and loan shares.


TABLE 13
Member Bank Reserves
(Based on averages of daily figures; in millions of dollars')

| D A T E | $\begin{gathered} \text { Free reserves } \\ \text { (excess reserves minus borrowings) } \end{gathered}$ |  |  |  |  | Excess Reserves | Borrowings | Total reserves held seasonally adjusted |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Reserve City Banks |  |  | Country | $\begin{gathered} \text { A11 } \\ \text { member } \\ 1 / \end{gathered}$ | $\begin{gathered} \text { All } \\ \text { member } \end{gathered}$ |  |
|  | $\text { member } 1 /$ | $\begin{gathered} \text { New York } \\ \text { City } \\ \hline \end{gathered}$ | City of Chicago | Other |  |  |  | $\begin{gathered} \text { All } \\ \text { member } \end{gathered}$ |
| Monthly Averages: |  |  |  |  |  |  |  |  |
| 1959--December | -424 | -109 | -104 | -449 | 237 | 482 | 906 | 18,519 |
| 1960--December | 669 | 10 | -4 | 80 | 583 | 756 | 87 | 18,836 |
| 1961--December | 419 | -50 | -22 | 20 | 471 | 568 | 149 | 19,641 |
| 1962--December | 268 | -62 | -11 | -52 | 394 | 572 | 304 | 19,551 |
| 1963--December | 209 | 19 | 21 | -122 | 334 | 536 | 327 | 20,159 |
| 1964 --December | 168 | -14 | -31 | -103 | 315 | 411 | 243 | 21,150 |
| 1965--December | -2 | -70 | -8 | -161 | 238 | 452 | 454 | 22,247 |
| 1966--December | -165 | -95 | -50 | -159 | 140 | 392 | 557 | 23,351 |
| 1967 --December | 107 | -22 | -5 | -55 | 187 | 345 | 238 | 24,773 |
| 1968--December | -310 | -130 | -70 | -180 | 70 | 455 | 765 | 27,219 |
| 1969--December | -829 | -203 | -9 | -473 | -144 | 257 | 1,086 | 27,959 |
| 1970--December | -49 | 9 | 3 | -222 | 161 | 272 | 321 | 29,121 |
| 1971--Jan. | -91 | 19 | -6 | -282 | 178 | 279 | 370 | 29,390 |
| Feb . | -127 | 15 | 19 | -333 | 172 | 201 | 328 | 29,622 |
| Mar. | -120 | -90 | -25 | -155 | 150 | 199 | 319 | 29,776 |
| Apr. | -8 | -21 | 3 | -154 | 164 | 140 | 148 | 29,943 |
| May | -18 | -67 | 2 | -45 | 92 | 312 | 330 | 30,335 |
| June | -322 | -127 | -39 | -173 | 17 | 131 | 453 | 30,536 |
| July | -658 | -110 | -29 | -449 | -92 | 162 | 820 | 30,654 |
| Aug. | -606 | -111 | -- | -437 | -58 | 198 | 804 | 30,710 |
| Sept. | -295 | -29 | -10 | -280 | 24 | 206 | 501 | 31,031 |
| Oct. | -153 | -56 | 2 | -144 | 45 | 207 | 360 | 30,889 |
| Nov. | 144 | -71 | -14 | -112 | 53 | 263 | 406 | 30,992 |
| Dec. | 58 | -10 | -7 | -57 | 132 | 165 | 107 | 31,209 |
| 1972--Jan. | 153 | 0 | -9 | 13 | 141 | 173 | 20 | 31,276 |
| Feb. | 91 | -5 | -5 | 136 | 9 | 124 | 33 | 31,639 |
| Mar. | 134 | -14 | -13 | 17 | 144 | 233 | 99 | 32,021 |
| Apr. | 27 | -50 | 1 | -6 | 82 | 136 | 109 | 32,612 |
| May | -15 | -36 | -3 | -55 | 79 | 104 | 119 | 32,852 |
| June | 110 | 28 | -1 | -33 | 116 | 204 | 94 | 33,027 |
| July | -55 | 17 | 2 | -105 | 31 | 147 | 202 | 33,171 |
| Aug. | - $\begin{aligned} & -183 \\ & -352\end{aligned}{ }^{\text {a }}$ ( |  | - $\begin{array}{r}-1 \\ -13\end{array}$ | -62 -197 | r -35 |  | $\begin{array}{r}438 \\ \hline \quad 514\end{array}$ | 33,381 33,327 |
| Sct. ${ }_{\text {S }}$ | -352 -327 | - -107 | - -13 | r - 197 | r-35 | 162 | r 514 | 33,327 |
| Nov. p |  | - ${ }^{2}$ | -23 | -216 | -90 | 247 | -574 | 33,832 |
| Dec. p | r $\quad-830$ | - -321 | -42 | r -471 | r-424 | 219 | r 1,049 | 31,309 |
| 1973--Jan. P | -1,869 | -103 | -114 | -617 | -314 | 297 | 1.166 | 32,241 |

NOTE: Aggregate reserve series has been adjusted to eliminate changes in percentage reserve requirements against deposits, but reserve requirements on Euro-dollar borrowings are included beginning October 16, 1969, and requirements on bank-related commercial paper are included beginning October 1, 1970.
1/ Beginning with week ending November 15,1972 total member bank data includes $\$ 450$ million of reserve deficiencies on which $F$. . Banks are allowed to waive penalties for a transition period in connection with bank adaptation to Regulation $J$ as amended effective November 9 , 1972 . Beginning 1973, allowable deficiencies incIuded are (beginning with first statement week of quarter): Q1, $\$ 279$ million. Class of bank data are not adjusted.

TABLE 14-A
Liquid Asset Holdings of Private Domestic Nonfinancial Investors*
(Seasonally adjusted monthly averages; amounts in billions of dollars, ratios in per cent)


Note: Data reviseffor entire period to conform with money stock revision and revisions in other series. All data available in flow of funds Section.

| Period | Currency and demand deposits to liquid assets | ```Bank liability to liquid assets``` | ```Time deposits at thrift institutions to liquid assets``` | Liquid assets to GNP | Currency and demand deposits to GNP |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 13 | 14 | 15 | 16 |
| 1965--Dec. | 27.7 | 46.2 | 30.4 | 78.9 | 22.1 |
| 1966--Dec. | 27.0 | 46.1 | 30.0 | 77.3 | 21.2 |
| 1967--Dec. | 26.5 | 47.6 | 30.3 | 77.6 | 20.8 |
| 1968--Dec. | 26.2 | 48.1 | 29.5 | 77.5 | 20.4 |
| 1969--Dec. | 25.9 | 45.1 | 29.5 | 77.3 | 20.2 |
| 1970--Dec. | 25.7 | 47.8 | 29.6 | 77.4 | 20.1 |
| 1971--Dec. | 24.7 | 49.0 | 31.4 | 79.0 | 19.9 |
| 1972--Dec. | 23.7 | 49.0 | 32.6 | 80.2 | 19.4 |
| 1971--March | 25.3 | 48.7 | 30.1 | 78.0 | 19.8 |
| June | 25.5 | 49.1 | 30.6 | 78.7 | 20.0 |
| Sept. | 25.2 | 48.9 | 31.1 | 79.6 | 20.1 |
| Dec. | 24.7 | 49.0 | 31.4 | 79.7 | 19.8 |
| 1972--March | 24.6 | 49.2 | 31.9 | 79.6 | 19.6 |
| June | 24.2 | 49.2 | 32.2 | 79.9 | 19.5 |
| Sept. | 24.0 | 49.2 | 32.6 | 80.5 | 19.4 |
| Dec. | 23.7 | 49.0 | 32.6 | 80.6 | 19.2 |
| 1972--Jan. | 24.5 | 49.1 | 31.6 | n.a. | n.a. |
| Feb. | 24.6 | 49.2 | 31.8 | n.a. | n.a. |
| March | 24.6 | 49.2 | 31.9 | n.a. | n.a. |
| April | 24.5 | 49.2 | 32.0 | n.a. | n.a. |
| May | 24.3 | 49.2 | 32.1 | n.a. | n.a. |
| June | 24.2 | 49.2 | 32.2 | n.a. | n.a. |
| July | 24.2 | 49.2 | 32.3 | n.a. | n.a. |
| Aug. | 24.0 | 49.3 | 32.4 | n.a. | n.a. |
| Sept. | 24.0 | 49.2 | 32.6 | n.a. | n.a. |
| Oct. | 23.9 | 49.1 | 32.7 | n.a. | n.a. |
| Nov. | 23.7 | 49.0 | 32.7 | n.a. | n.a. |
| Dec. | 23.7 | 49.0 | 32.6 | n.a. | n.a. |
| 1973--Jan. p | 23.5 | 49.1 | 32.8 | n.a. | n.a. |

Sum of columns 2 and 7.
Sum of columns 3, 4, 5, and 6 .
Money stock components after deducting foreign holdings and holdings by domestic financial institutions. The three columns add to $\mathrm{M}_{2}$ held by domestic nonfinancial sectors.

Deposits at nonbank thrift institutions, as published in money stock statistics, plus monthly-average deposits at credit unions.

Sum of columns 8, 9, 10, and 11 .
Negotiable certificates of deposits over $\$ 100,000$ at weekly reporting banks, except foreign holdings.

Commercial paper held outside banks and other financial institutions.

Short-term marketable U.S. Government securities excluding official, foreign, and financial institution holdings. All issues due in one year or less, including bonds and notes, plus a sliding proportion of issues due in 13 to 24 months.

Series $E$ and $H$ savings bonds held by individuals.
Sum of columns 3 and 4 to column 1.
Sum of columns 4, 5, and 8 to column 1.
Column 6 to column 1.
Column 1 to GNP. Annual averages are based on 12 -month averages of column 1 and annual GNP. Quarterly averages are based on 3 -month averages of column 1 and quarterly GNP .

Sum of columns 3 and 4 to GNP. Annual averages are based on 12 -month average of columns 3 and 4 and annual GNP. Quarterly averages are based on 3-month average of columns 3 and 4 and quarterly GNP.

