Released for publication Friday morxing, Iec. 28; not eariier.

St. 3852.
Federal Reserve Bnard, December 27, 1.923.

FEDERAL RESERVE BANKING DURING 1923.
The condition of the Federal Reserve Banks at the end of the year 1923 shows relatively litti.e change from that prevailing at the end of the preceding year. Inen liquidation and the reduction in Federal reserve note circulation, both of which began at the end of 1920, had practically ceased by the middle of 1922, and since then changes in condition of Federal reserve banks have not been vary wide, in fact the past two years have been characterized by a condition of relative stability in Federal reserve banking. Demand for credit accommodation during 1923, represented by the total of bills discounted, bills bought, and Goverment securities, averaged about $\$ 1,150,000,000$, though there has been consideratile change in the composition of the total; Federal reserve note circulation, except for the seasonal reduction in January, has fluctuated around $\$ 2,250,000,000$ throwahout the year; cash reserves at the end of 1923 were $\$ 3,138,000,000$, differing little from the total reported a year earlier; while the reserve ratio during the greater part of the year stood at around 76 per cent, though on the last report date of the year it dropped to 73.3 per cent, mainly because of the increased demand for currency that manifests itself at the holiday season.

Considerable change has taken place in the composition of the earning assets of the Federal reserve banks. On Deember 27 of iast year the banks held $\$ 630,000,000$ of bills discounted, $\$ 246,000,000$ of bills tought in open market, and $\$ 458,000,000$ of U. S. Goverment securities. At the end of the present year U. S.security holdings stood at $\$ 1.104,000,000$, the Federal reserve banks having permitted their security holdings to run off at maturity, or when called for redemption by the Treasury Department, without replacing them by additional purchases in the open market. The failure of the Federal reserve banks to replace their holdings of maturing securities made it necessary for member banks to inceease their borrowings on discounted paper in order to retain the amount of reserve bank credit required to meet the demands of commerce and business. Holdings of bills bought in open market declined during the early part of the year, reaching $\$ 182,000,000$ on February 21. This was followed by a steady rise to $\$ 282,000,000$ on May 16, after which there was again a gradual reduction to $\$ 171,000,000$ on September 19. Additional purchases since then have brought the total holdings up to $\$ 336,000,000$ on December 26 , the largest amount held during the year.

Holdings of bills discounted fncreased from $\$ 630,000,000$ on December 27 of last year to $\$ 857,000,000$ at the end of the present year. The increase in discounts was almost continuous up to October. Since then, increased open market purchases of acceptances by the Federal reserve banks have been accompanied with a decline in discount accormodation. The largest relative increases in discount accommodation for the year are shown by those reserve banks that serve districts in which agriculture, particularly cotton-growing, is of major importance. Discount holdings of the Atlanta bank, for example, increased from $\$ 30,000,000$ to $\$ 69,000,000$ between December 27,1922 and December 26, 1923, tho se of St. Iouis - from $\$ 30,000,000$ to $\$ 62,000,000$, and of Kansas City - from $\$ 30,000,000$ to $\$ 50,000,000$. Net imports of gold during the eleven months ending November 30 , amounting to approximately $\$ 262,000,000$, enabled the barks of the country as a whole tof finance the larger loan requirements of their customers whout an increase in the total volume of reserve bank credit in use.

Federal reserve note circulation, after the seasonal decline in January amounting to about $\$ 200,000,000$, remained at a fairly stable level the balance of the year until December, when the usual holiday demands brought the total up to $\$ 2,340,000,000$. The low point in Federal reserve note circulation was reached this year on August 1 , a week later than the low point of total earning assets, the circulation of Federal reserve notes on the date mentioned being $\$ 2,188,000,000$. An increase of over $\$ 300,000,000$ in the amount of gold and silver certificates in circulation between January 1 and December 1. was more than sufficient to meet the additional currency requirements of the country, wi th the result that the amount of Federal reserve notes in circulation is now somewhat less than it was a year ago. Some of the Federal reserve banks, however, show relatively large changes in their note circulation during the year, notably Atianta and Dallas with increases of $\$ 19,000,000$ and $\$ 16,000,000$, respertively, and New York with a reduction of $\$ 170,000,000$.

While there has been little change in cash reserves of the System as a whole, considerable interdistrict shifting of reserves has taken place, the largest relative reductions being shown for Atlanta, whose total reserves at the end of this year were $\$ 121,000,000$ as compared with $\$ 141,000,000$ a year earlier, and New York with a de-

## RESOURCES

Gcla and gold certificates
Gold setticment fund - F. R. Board
Turai gold hejd by banks
Goid with Federal Reserve Agents
Gcla redemption fund
Total gold reserves
Reserves other than geld
". Total reserves
Non-reserve cash
Billo discounted:
Sec. by U. S. Government obligations
Other bills discounted.
Bills bought in open market
Total bills on hand
U. S. bonds and notes
U. S. Certificates of indebtedness

Municipal warrants
Total earning assets
Bank premises.
$5 \%$ Redemption fund against
F. R. Bank notes . . . . . . . . . . 28

Uncollected items

| 345,401 |
| ---: |
| 553,604 |
| 895,005 |
| $2,109,814$ |
| 66,208 |
| $3,070,927$ |
| 66,589 |
| $3,137,516$ |
| 69,661 |
| 441,842 |
| 415,309 |
| 330,415 |
| $1,193,556$ |
| 88,835 |
| 15,323 |
| 51 |
| $1,297,775$ |
| 57,105 |
| 28 |
| 591,608 |
| 15,684 |

All other rosourcos
TOTAL RESOURCES

| 345,401 |
| ---: |
| 553,604 |
| 895,005 |
| $2,109,814$ |
| 66,208 |
| $3,070,927$ |
| 66,589 |
| $3,137,516$ |
| 69,661 |
| 441,842 |
| 415,309 |
| 330,415 |
| $1,193,556$ |
| 88,835 |
| 15,323 |
| 51 |
| $1,297,775$ |
| 57,105 |
| 28 |
| 591,608 |
| 15,684 |

LIABILITIES
Capital paid in
Surplus:
Deposits:
Government
Member bank - reserve account
Other deposits
Total deposits
F. R. notes in actual circulation
F. R. Bank notes in circulation -
net liability
Deferred availability items
All other liabilities
TOTAL LIABILITIES
110,103
218,369
$\begin{array}{r}42,811 \\ 1,874,486 \\ 20,572 \\ \hline 1,937,869\end{array}$
2,340,375

| 470 |
| ---: |
| 535,490 |
| 26,701 |

5,169,377
Ratio of total reserves to deposit and
F. R. note liabilities combined.
$73.3 \%$
Contingent liability on bills purchased for foreign correspondents

17,808

17,386
34,014
*Not shown separately prior to January, 192j.
C.

Releasea for witication on Friday morning, Decemer 28, 1923: nov earlier.
RESOURCES AND LIABILITIES OF THE FEDERAL RESERVE BANKS AS AI CLOSE OF BUEINESS, DECEMBET CO, I.

| Federal Reserve Bank of | Boston | New York | Phila. | Cleve. | $\left[\begin{array}{l} 918 \\ \text { R E S O } \\ \text { Rich. } \end{array}\right.$ | U R C E <br> Atlanta | E S <br> Chicag | St. Lo | In thousa <br> uis Minn. | nds of d Kans. Cy | oilars) <br> . Dallas | $\operatorname{San} \operatorname{Fr}$ | r. Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gold and gold certificates | 19,237 | 168,220 | 32,177. | 11,906 | 5,366 | 6,546 | 47,590 | 4,609 | 8,789 | 3,172 | 11,879 | 1, | 341,401 |
| Gold settierent fund - F.R.Board | 39,010 | 76,886 | 23,454 | 80,867 | 34,622 | 18,786 | 121,441 | 33,454 | 23,248 | 45,919 | 15,137 | 40,150 | 553,604 |
| Total gold held by barks | 58,247 | 245,106 | 55,631 | 92,773 | 39,988 | 25,332 | 169,031 | 38,063 | 32,637 | 49,091 | 27,016 | 62,090 | 895,005 |
| Gold with F. R. Agents | 170,969 | 608,674 | 182,749 | 224,381 | 71,164 | 86,465 | 384,973 | 48,789 | 52,314 | 34,565 | 26,419 | 218, 35 | 109, ${ }^{2} 8$ |
| Gold redemption fund | 11,234 | 10,195 | 11,481 | 2, 748 | 2,424 | 4,734 | -4,852 | 3, 345 | 1,517 | 6,081 | 2,050 | 4,734 | 66, ${ }^{2} 68$ |
| Total giold reserves | 240,450 | 863,975 | 249,861 | 20.072 319,942 | 113,575 | 116,531 | 558,856 | 90,700 | 86,458 | 89,737 | 55,485 | 285,376 | 3,070 $0^{10} 0^{\frac{9}{7} 7_{41}}$ |
| Reserves other than gold | 3,220 | 21,247 | 9,241 | 2, 918 | 2,599 | 4,280 | 6,034 | 6,153 | 643 | 3,021 | 5,733 | 1,500 | 66, 589 |
| Total meserves | 243,670 | 885,222 | 259,102 | 322,820 | 116,175 | 120,811 | 564,900 | 96,553 | 87,111 | 92,755 | 61,218 | 286, | 3,137,516 |
| Non-reserve cash | 15,351 | 9,9 | 2,996 | 4,829 | 1,817 | 8,336 | 5,347 | 6,976 | 1,464 | 3,209 | 2,555 | 6,844 | 69,66. |
| Bills discounted: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Secured by U.S.Govt. obligations | 27,180 | 158,190 | 45,453 | 39,947 | 26,740 | 20,301 | 53,292 | 19,785 | 6,413 | 18,599 | 2,808 | 23,134 | 441,842 |
| Other bilis discounted | 52,082 | 45,766 | 16,697 | 28,893 | 28,763 | 49,034 | 51,875 | 42,424 | 16,418 | 31,052 | 9,485 | 41,820 | 415,309 |
| Bills bought in open market | 33,973 | 90,052 | 32,951 | 39,809 | 2,321 | 12,493 | 40,602 | 43 | 182 | 670 | 47,976 | 35,343 | 336,415 |
| Total bills on hard | 113,235 | 295,008 | 95,101 | 108,649 | 57,824 | 81,828 | 145,769 | 62,252 | 23,013 | 50,321 | 60,269 | 100,297 | 1,193,566 |
| U. S. bonds and notes | 5,202 | 12,349 | 12,805 | 9,943 | 1,341 | 284 | 10,229 | - | 8,638 | 12,504 | 6,355 | 9,185 | 88,835 |
| U. S. Certificates of indebtedness | 2,272 | 10,050 | 147 | 1,247 | - | 7 | 722 | - | 14 | 514 | 350 | - | 15,323 |
| Municipal warrants | - | - | - | - | - | 51 | - | - | - | - | - | - | 51 |
| Total earning assets | 120,709 | 317,407 | 108,053 | 119,839 | 59,165 | 82,170 | 156,720 | 62,252 | 31,665 | 63,339 | 66,974 | 109,452 | 1,297,775 |
| Bank premises | 4,434 | 14,528 | 755 | 9,580 | 2,617 | 2,955 | 8,715 | 1,348 | 2,143 | 4,989 | 1,953 | 3,088 | 57,105 |
| $5 \%$ Redemption fund against F. R. Bank notes | - | - | - | - | - | - | - | - | - | - | 28 | - | 28 |
| Uncollected items | 53,281 | 121,206 | 60,382 | 58,153 | 57,209 | 25,008 | 70,194 | 29,269 | 14,878 | 37,366 | 26,035 | 38,627 | 591,608 |
| All other resources | 241 | 1,360 | 176 | 215 | 580 | 677 | 496 | 100 | 3,596 | 803 | 3,248 | 4,192 | 15,684 |

## TOTAL

$437,6861,349,660431,464515,436237,563239,957806,372196,798140,857 \quad 202,464162,011449,1095,169,377$ C.

LIABILITIES

## (In thousands of dollars)

Federal Reserve Bank of
Capital
Surplus
Deposits:
Government
Member bank - reserve account
Other deposits
Total deposits
F. R. notes in actual circulation
F.R. Bank notes in circulation net liability
Deferred availability items
All other liabilities
TOTAL LIADILITIES
Ratio of total reserves to deposit and F. R. note liabilities combined, per cent
Contingent liability on bills purchased for foreign correspondents
F. P. notes outstanding
F. R. notes held by banks
F. A. notes in actual circulation

Sills discounted
Eills bought in open market
U. S. Certificates of indebtedness

Uunicipal warrants

Boston New York Phila. Cleve. Rich. Atlanta Chicago St. Louis Minn. Kans. Cy, Dallas San Fran. Total

$$
\begin{array}{llllllllllll}
7,890 & 29,439 & 9,941 & 12,338 & 5,756 & 4,430 & 15,179 & 5,020 & 3,498 & 4,556 & 4,194 & 7,862
\end{array} 110,103
$$

$$
\begin{array}{lllllllllll}
16,312 & 59,800 & 18,749 & 23,495 & 11,288 & 8,942 & 30,398 & 0,665 & 7,473 & 9,488 & 7,496
\end{array} 15,263 \quad 218,369
$$

$$
\begin{array}{lllllllllllll}
4,105 & 9,203 & 1,990 & 2,339 & 2,342 & 4,635 & 4,186 & 2,213 & 2,353 & 1,356 & 3,751 & 4,288 & 42,811
\end{array}
$$

| 126 | 10,792 | 317 | 1,116 | 204 | 161 | 1,090 | 438 | 466 | 773 | 432 | 4,651 | 20,572 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 126,015 | 725,480 | 117,484 | 160,133 | 60,685 | 58,537 | 276,541 | 70,678 | 49,937 | 77,375 | 62,265 | 152,739 | $1,937,869$ |

$234,830 \quad 428,579233,016263,475 \quad 109,265148,367420,296 \quad 78,896 \quad 66,74968,994 \quad 55,508232,3972,340,375$

$\begin{array}{llllllllllllll}51,210 & 100,664 & 50,020 & 53,833 & 48,920 & 17,805 & 61,349 & 30,938 & 11,843 & 40,654 & 29,540 & 38,514 & 535,490\end{array}$ | 1,429 | 5,498 | 2,254 | 2,159 | 1,649 | 1,876 | 2,609 | 1,601 | 1,357 | 1,397 | $2,53,8$ | 2,334 | 26,701 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 437,686 | $1,349,660$ | 431,464 | 515,436 | 231,563 | 239,957 | 806,372 | 196,798 | 140,857 | 202,464 | 162,011 | 449,109 | $5,169,377$ |


| 67.5 | 76.7 | 73.9 | 76.2 | 68.4 | 58.4 | 81.1 | 64.8 | 74.7 | 63.4 | 52.0 | 74.5 | 73.3 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

$\begin{array}{llllllllllllll}- & 6,111 & 1,538 & 1,932 & 930 & 733 & 2,486 & 787 & 608 & 769 & 644 & 1,270 & 17,308\end{array}$
FEDERAL RESETVE NOTES OUTSTANDING AND IN ACTUAL CIRCULATION

$257,806 \quad 714,279255,717 \quad 284,674118,692162,568464,457 \quad 93,173 \quad 70,604 \quad 81,189 \quad 59,263275,9762,838,398$ | 22,976 | 235,700 | 22,701 | 21,196 | 9,427 | 14,201 | 44,161 | 14,277 | 3,355 | 12,195 | 3,755 | 43,579 | 498,023 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 234,830 | 428,579 | 233,016 | 263,478 | 109,265 | 148,367 | 420,296 | 76,896 | 66,749 | 68,994 | 55,508 | 232,397 | $2,340,375$ | DISTRIEUTION OF BILLS, U. S. CERTIFICATES OF INDEBTEDNESS AND MUNICIPAL WARRANTS BY MATURITIES

Withir 15 days 16 to 30 days 31 to 60 days 61 to 90 days From 91 days 0 menths 6 months Total

| 612,660 | 64,310 | 84,069 | 66,514 | 22,269 | 1,329 | 857,151 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 117,289 | 65,124 | 94,220 | 55,119 | 4,663 | - | 336,415 |
| 5,123 | - | -10 | -783 | 8,893 | - | - |
| 31 | 10 | $-10,323$ |  |  |  |  |

Relear fot ablioution, Friday moming, December 28 , iyc3; ri eariisr.
FEDERAL RESERVE AGENTS' ACCOUNTS AT CLOSE OF BUSINESS, DECTMBER 26, 1923.
(In thousands of dollars)
Federal Reserve Agent at Boston New York Phila. Cleve. Rich. Atlanta Chicago St.Louis Minn. Kans.Cy. Dallas San Fran. Total RESOU:RCES

| Federal Reserve notes on hand | 51,050 | 286,460 | 40,200 | 43,320 | 25,830 | 68,317 | 116,040 | 23,190 | 8,850 | 20,153 | 25,009 | 61,800 | 808,249 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Federal Reserve notes outstanding | 257,806 | 714,279 | 255, 117 | 284,674 | 116,692 | 162,568 | 464,457 | 93,173 | 70,604 | 81,189 | 59,263 | 275.976 | 2,638,393 |
| Coliateral security for Federal |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Reserve notes outstanding: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gcld and gold certificates | 35,300 | 235,531 | 14,000 | 8,780 |  | 2,400 | - | 10,130 | 13,052 | - | 7,391 | - | 326,584 |
| Goid redemption fund | 17,669 | 27,143 | 14, 560 | 14,601 | 1,869 | 5,065 | c, 329 | 2,659 | 1,252 | 2,205 | 3,528 | 15,290 | 114,480 |
| Gold fund - F. R. Board | 116,000 | 346,000 | 153,889 | 201,000 | 69,295 | 79,000 | 376,644 | 36, 00 | 30,000 | 32,360 | 15,500 | 203,062 | 1,600,750 |
| Elicible paper fimount required | 86,037 | 105,605 | 72,968 | 60,293 | 47,525 | 76,103 | 79,4c4 | 44,304 | 18,290 | 46,624 | 32,844 | 57,624 | 728,584 |
| Excess amount heid. | 26,390 | 159,940 | 1.894 | 47.214 | 8,571 | 5,628 | 06,042 | 17.713 | 3,002 | 3,451 | 20,036 | 42,191 | 408,124 |
| TOTAL | 623,060 1, 574,958 553,528 659,682 271,791 399,081 1,110,996 227,249 153,090 194,018 169,573 655,943 6, 893,169 |  |  |  |  |  |  |  |  |  |  |  |  |

## LIABILITIES

Net amount of Federal Reserve notes
received from Comp-
troller of the Currency
$338,8561,000,739295,917 \quad 327,994144,522 \quad 230,085 \quad 580,497116,363 \quad 79,454109,342 \quad 54,272 \quad 337,770 \quad 3,646,647$

```
Collateral received from
    Federal Reserve Bank:
        Gold
```

    \(170,969 \quad 608,674182,749224,301 \quad 71,164 \quad 86,465 \quad 384,973 \quad 48,789 \quad 52,314 \quad 34,507 \quad 26,419 \quad 218,352 \quad 2,109,814\)
    \(113,235 \quad 265,545 \quad 74,862107,507,56,105 \quad 81,731 \quad 145,526 \quad 62,097 \quad 21,292 \quad 50,111 \quad 56,862 \quad 99,5151,136,708\)
    \(623,0601,874,550553,528659,682 \quad 271,791399,0811,110,996227,249153,090194,018169,573655,9436,393,169\)
    C.

