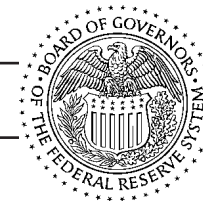


# FEDERAL RESERVE statistical release



## H.3 (502) AGGREGATE RESERVES OF DEPOSITORY INSTITUTIONS AND THE MONETARY BASE

For release at 4:30 p.m. Eastern Time  
July 9, 2020

**Table 1**

Not seasonally adjusted

Millions of dollars unless otherwise noted

| Date                                | Reserve balances required                 |                                       |  | Reserve balances maintained <sup>4</sup> |  |   |
|-------------------------------------|---|---------------------------------------|--|--|--|---|
|                                     | Reserve balance requirements <sup>1</sup> | Top of penalty-free band <sup>2</sup> | Bottom of penalty-free band <sup>3</sup> | Total                                    | Balances maintained to satisfy reserve balance requirements <sup>5</sup> | Balances maintained that exceed the top of the penalty-free band <sup>6</sup> |
| <b>Month<sup>7</sup></b>            |   |                                       |  |  |  |   |
| 2019-June                           | 134,908                                   | 148,409                               | 121,408                                  | 1,535,857                                | 148,025  | 1,387,832   |
| July                                | 135,103                                   | 148,624                               | 121,584                                  | 1,513,550                                | 148,191  | 1,365,359   |
| Aug.                                | 134,639                                   | 148,114                               | 121,167                                  | 1,520,876                                | 147,555  | 1,373,321   |
| Sept.                               | 134,707                                   | 148,188                               | 121,227                                  | 1,439,771                                | 147,498  | 1,292,273   |
| Oct.                                | 134,998                                   | 148,509                               | 121,489                                  | 1,481,513                                | 148,050  | 1,333,462   |
| Nov.                                | 140,705                                   | 154,787                               | 126,625                                  | 1,529,341                                | 154,256  | 1,375,085   |
| Dec.                                | 138,984                                   | 152,893                               | 125,076                                  | 1,630,090                                | 152,562  | 1,477,528   |
| 2020-Jan.                           | 144,816                                   | 159,309                               | 130,326                                  | 1,645,384                                | 158,765  | 1,486,619   |
| Feb.                                | 138,370                                   | 152,218                               | 124,524                                  | 1,656,989                                | 151,612  | 1,505,377   |
| Mar.                                | 113,139                                   | 124,461                               | 101,817                                  | 2,045,148                                | 124,147  | 1,921,000   |
| Apr.                                | 0   | 0                                     | 0  | 2,953,586                                | 0  | 2,953,586   |
| May                                 | 0   | 0                                     | 0  | 3,217,635                                | 0  | 3,217,635   |
| June                                | 0   | 0                                     | 0  | 3,043,556                                | 0  | 3,043,556   |
| <b>Two weeks ending<sup>8</sup></b> |   |                                       |  |  |  |   |
| 2020-May 6                          | 0   | 0                                     | 0  | 3,159,040                                | 0  | 3,159,040   |
| May 20                              | 0   | 0                                     | 0  | 3,215,116                                | 0  | 3,215,116   |
| June 3                              | 0   | 0                                     | 0  | 3,252,803                                | 0  | 3,252,803   |
| June 17                             | 0   | 0                                     | 0  | 3,130,360                                | 0  | 3,130,360   |
| July 1                              | 0   | 0                                     | 0  | 2,901,788                                | 0  | 2,901,788   |

1. Equals required reserves (table 2, column 2) less vault cash used to satisfy required reserves (table 2, column 4).

2. Equals the sum of each institution's top of the penalty-free band. For each institution, the top of the penalty-free band is equal to the institution's reserve balance requirement plus an amount that is the greater of 10 percent of the institution's reserve balance requirement or \$50,000.

3. Equals the sum of each institution's bottom of the penalty-free band. For each institution, the bottom of the penalty-free band is equal to the institution's reserve balance requirement less an amount that is the greater of 10 percent of the institution's reserve balance requirement or \$50,000.

4. Effective February 18, 2014, omits balances held by designated financial market utilities. These balances are reported in the H.4.1 statistical release.

5. Equals the sum of balances maintained up to the top of each institution's penalty-free band.

6. Equals the sum of balances maintained that exceed the top of each institution's penalty-free band.

7. Prorated averages of biweekly averages.

8. Averages of daily figures.

### Note on the Elimination of Reserve Requirements

The Board reduced the reserve requirement ratios on net transaction accounts to 0 percent, effective March 26, 2020. As a result, release items reported under "Reserve balances required" (reserve balance requirements and the top and bottom of penalty-free band) and "Balances maintained to satisfy reserve balance requirements" are zero beginning with the two weeks ending April 8, 2020.

**Table 2**

Not seasonally adjusted

Millions of dollars

| Date                                | Reserves           |          | Vault cash <sup>2</sup> |  |                      | Monetary base      |  |                         |
|-------------------------------------|--------------------|----------|-------------------------|--|----------------------|--------------------|--|-------------------------|
|                                     | Total <sup>1</sup> | Required | Total                   | Used to satisfy required reserves <sup>3</sup> | Surplus <sup>4</sup> | Total <sup>5</sup> | Total balances maintained <sup>6</sup> | Currency in circulation |
| <b>Month<sup>7</sup></b>            |                    |          |                         |  |                      |                    |  |                         |
| 2019-June                           | 1,601,309          | 200,360  | 76,106                  | 65,452   | 10,654               | 3,274,825          | 1,535,857                              | 1,738,968               |
| July                                | 1,578,615          | 200,169  | 76,485                  | 65,065   | 11,420               | 3,260,316          | 1,513,550                              | 1,746,765               |
| Aug.                                | 1,586,844          | 200,608  | 78,451                  | 65,969   | 12,483               | 3,271,378          | 1,520,876                              | 1,750,502               |
| Sept.                               | 1,504,805          | 199,741  | 76,550                  | 65,035   | 11,516               | 3,202,668          | 1,439,771                              | 1,762,898               |
| Oct.                                | 1,547,136          | 200,621  | 76,660                  | 65,623   | 11,037               | 3,252,807          | 1,481,513                              | 1,771,294               |
| Nov.                                | 1,595,222          | 206,586  | 76,921                  | 65,881   | 11,040               | 3,315,551          | 1,529,341                              | 1,786,209               |
| Dec.                                | 1,698,344          | 207,239  | 80,168                  | 68,255   | 11,914               | 3,426,464          | 1,630,090                              | 1,796,375               |
| 2020-Jan.                           | 1,715,219          | 214,652  | 81,209                  | 69,835   | 11,374               | 3,442,569          | 1,645,384                              | 1,797,185               |
| Feb.                                | 1,726,943          | 208,324  | 80,722                  | 69,954   | 10,768               | 3,454,474          | 1,656,989                              | 1,797,485               |
| Mar.                                | 2,099,369          | 167,360  | 77,101                  | 54,222   | 22,879               | 3,883,155          | 2,045,148                              | 1,838,007               |
| Apr.                                | 2,953,586          | 0        | 88,092                  | 0  | 88,092               | 4,844,940          | 2,953,586                              | 1,891,355               |
| May                                 | 3,217,635          | 0        | 101,333                 | 0  | 101,333              | 5,149,527          | 3,217,635                              | 1,931,891               |
| June                                | 3,043,556          | 0        | 104,189                 | 0  | 104,189              | 5,001,978          | 3,043,556                              | 1,958,422               |
| <b>Two weeks ending<sup>8</sup></b> |                    |          |                         |  |                      |                    |  |                         |
| 2020-May 6                          | 3,159,040          | 0        | 103,562                 | 0  | 103,562              | 5,068,799          | 3,159,040                              | 1,909,759               |
| May 20                              | 3,215,116          | 0        | 100,339                 | 0  | 100,339              | 5,144,614          | 3,215,116                              | 1,929,498               |
| June 3                              | 3,252,803          | 0        | 101,383                 | 0  | 101,383              | 5,199,813          | 3,252,803                              | 1,947,010               |
| June 17                             | 3,130,360          | 0        | 103,763                 | 0  | 103,763              | 5,085,807          | 3,130,360                              | 1,955,447               |
| July 1                              | 2,901,788          | 0        | 105,297                 | 0  | 105,297              | 4,866,046          | 2,901,788                              | 1,964,259               |

1. Equals total reserve balances maintained (table 1, column 4) plus vault cash used to satisfy required reserves.

2. Vault cash eligible to satisfy reserve requirements. It includes only vault cash held by institutions not exempt from reserve requirements. Dates refer to the maintenance periods for which the vault cash can be used to satisfy reserve requirements.

3. All vault cash held during the lagged computation period by "bound" institutions (that is, those whose required reserves exceed their vault cash) plus the amount of vault cash applied during the maintenance period by "nonbound" institutions (that is, those whose vault cash exceeds their required reserves) to satisfy current reserve requirements.

4. Total vault cash eligible to satisfy reserve requirements, held by institutions not exempt from reserve requirements, minus the amount used to satisfy reserve requirements.

5. Equals total balances maintained plus currency in circulation.

6. Effective February 18, 2014, omits balances held by designated financial market utilities. These balances are reported in the H.4.1 statistical release.

7. Prorated averages of biweekly averages.

8. Averages of daily figures.

**Note on the Elimination of Reserve Requirements**

The Board reduced the reserve requirement ratios on net transaction accounts to 0 percent, effective March 26, 2020. As a result, required reserves and vault cash used to satisfy required reserves are zero beginning with the two weeks ending April 8, 2020.

**Table 3**

Not seasonally adjusted

Millions of dollars

| Date                                | Borrowings from the Federal Reserve |         |           |          |                                      | Nonborrowed reserves <sup>2</sup> |
|-------------------------------------|-------------------------------------|---------|-----------|----------|--------------------------------------|-----------------------------------|
|                                     | Total                               | Primary | Secondary | Seasonal | Other credit extensions <sup>1</sup> |                                   |
| <b>Month<sup>3</sup></b>            |                                     |         |           |          |                                      |                                   |
| 2019-June                           | 80                                  | 20      | 0         | 60       | 0                                    | 1,601,229                         |
| July                                | 120                                 | 9       | 0         | 111      | 0                                    | 1,578,495                         |
| Aug.                                | 117                                 | 16      | 0         | 101      | 0                                    | 1,586,727                         |
| Sept.                               | 101                                 | 15      | 0         | 86       | 0                                    | 1,504,704                         |
| Oct.                                | 63                                  | 4       | 0         | 59       | 0                                    | 1,547,073                         |
| Nov.                                | 26                                  | 4       | 0         | 22       | 0                                    | 1,595,196                         |
| Dec.                                | 21                                  | 10      | 0         | 11       | 0                                    | 1,698,323                         |
| 2020-Jan.                           | 6                                   | 5       | 0         | 1        | 0                                    | 1,715,213                         |
| Feb.                                | 3                                   | 3       | 0         | 0        | 0                                    | 1,726,939                         |
| Mar.                                | 40,554                              | 19,538  | 0         | 0        | 21,015                               | 2,058,816                         |
| Apr.                                | 124,461                             | 38,299  | 0         | 0        | 86,162                               | 2,829,125                         |
| May                                 | 111,845                             | 22,180  | 0         | 2        | 89,663                               | 3,105,791                         |
| June                                | 97,671                              | 8,456   | 0         | 11       | 89,204                               | 2,945,885                         |
| <b>Two weeks ending<sup>4</sup></b> |                                     |         |           |          |                                      |                                   |
| 2020-May 6                          | 120,057                             | 30,586  | 0         | 0        | 89,471                               | 3,038,983                         |
| May 20                              | 113,017                             | 23,213  | 0         | 2        | 89,803                               | 3,102,100                         |
| June 3                              | 105,874                             | 16,281  | 0         | 4        | 89,589                               | 3,146,929                         |
| June 17                             | 98,003                              | 8,596   | 0         | 11       | 89,396                               | 3,032,357                         |
| July 1                              | 95,422                              | 6,500   | 0         | 13       | 88,910                               | 2,806,366                         |

1. Includes borrowings associated with facilities other than the primary, secondary, and seasonal credit lending programs. Detail on borrowings contained in this item is available under "Loans" in table 1 of the H.4.1 statistical release.

2. Equals total reserves (table 2, column 1) less total borrowings from the Federal Reserve.

3. Prorated averages of biweekly averages.

4. Averages of daily figures.