

# FEDERAL RESERVE statistical release



H.3 (502)

Table 1

## AGGREGATE RESERVES OF DEPOSITORY INSTITUTIONS AND THE MONETARY BASE

Adjusted for changes in reserve requirements<sup>1</sup>

Seasonally adjusted unless noted otherwise

Millions of dollars

For release at 4:30 p.m. Eastern Time

January 22, 2009

| Date                                | Reserves of depository institutions |                          |          |                          | Monetary base <sup>5</sup> | Total borrowings from the Federal Reserve, NSA |
|-------------------------------------|-------------------------------------|--------------------------|----------|--------------------------|----------------------------|--|
|                                     | Total <sup>2</sup>                  | Nonborrowed <sup>3</sup> | Required | Excess, NSA <sup>4</sup> |                            |  |
| <b>Month<sup>6</sup></b>            |                                     |                          |          |                          |                            |  |
| 2007-Dec.                           | 42674                               | 27244                    | 40905    | 1769                     | 822357                     | 15430  |
| 2008-Jan.                           | 42150                               | -3510                    | 40509    | 1640                     | 820174                     | 45660  |
| Feb.                                | 42826                               | -17331                   | 41100    | 1726                     | 821355                     | 60157  |
| Mar.                                | 44299                               | -50224                   | 41321    | 2978                     | 825910                     | 94523  |
| Apr.                                | 43561                               | -91848                   | 41716    | 1846                     | 824631                     | 135410   |
| May                                 | 44128                               | -111652                  | 42115    | 2013                     | 827170                     | 155780   |
| June                                | 43364                               | -127914                  | 41089    | 2275                     | 832490                     | 171278   |
| July                                | 43330                               | -122334                  | 41353    | 1977                     | 838062                     | 165664   |
| Aug.                                | 44559                               | -123520                  | 42568    | 1991                     | 842815                     | 168078   |
| Sep.                                | 102784                              | -187321                  | 42733    | 60051                    | 905174                     | 290105   |
| Oct.                                | 315516                              | -332803                  | 47612    | 267904                   | 1130304                    | 648319   |
| Nov.                                | 609937                              | -88849                   | 50883    | 559053                   | 1433490                    | 698786   |
| Dec.                                | 820944                              | 167379                   | 53524    | 767420                   | 1651205                    | 653565   |
| <b>Two weeks ending<sup>7</sup></b> |                                     |                          |          |                          |                            |  |
| 2008-Nov. 19                        | 652806                              | -72371                   | 48058    | 604747                   | 1476146                    | 725177   |
| Dec. 3                              | 643645                              | -32239                   | 53924    | 589721                   | 1468590                    | 675885   |
| 17                                  | 827670                              | 153153                   | 53230    | 774439                   | 1657732                    | 674517   |
| 31                                  | 852211                              | 224380                   | 53731    | 798480                   | 1683809                    | 627832   |
| 2009-Jan. 14 <sup>p</sup>           | 903993                              | 341635                   | 60485    | 843508                   | 1740586                    | 562358   |

1. Reserves and monetary base figures incorporate adjustments for discontinuities, or "breaks," associated with regulatory changes in reserve requirements. (For more information, refer to table 3.)

2. Seasonally adjusted, break-adjusted total reserves equal seasonally adjusted, break-adjusted required reserves plus unadjusted excess reserves. (Also, refer to footnote 2 in table 2 and footnote 2 in table 3.)

3. Seasonally adjusted, break-adjusted nonborrowed reserves equal seasonally adjusted, break-adjusted total reserves less unadjusted total borrowings from the Federal Reserve.

4. Excess reserves NSA equals unadjusted total reserves (table 2, column 1) less unadjusted required reserves (table 2, column 3).

5. The seasonally adjusted, break-adjusted monetary base consists of (1) seasonally adjusted, break-adjusted total reserves plus (2) the seasonally adjusted currency component of the money stock plus (3), for all quarterly reporters on the "Report of Transaction Accounts, Other Deposits and Vault Cash" and for all those weekly reporters whose vault cash exceeds their required reserves, the seasonally adjusted, break-adjusted difference between current vault cash and the amount applied to satisfy current reserve requirements. (Also, refer to footnote 3 in table 2 and footnote 4 in table 3.)

6. Prorated averages of biweekly averages.

7. Averages of daily figures.

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Table 1a

**AGGREGATE RESERVES OF DEPOSITORY INSTITUTIONS AND THE MONETARY BASE**

Not seasonally adjusted

Millions of dollars

| Date                                | Total borrowings from the Federal Reserve | Term auction credit | Other borrowings from the Federal Reserve <sup>1</sup> |           |          |  |   | Credit extended to American International Group, Inc. <sup>3</sup> | Other credit extensions |
|-------------------------------------|---|---------------------|--|-----------|----------|--|---|--|-------------------------|
|                                     |   |                     | Primary  | Secondary | Seasonal | Primary dealer and other broker-dealer credit <sup>2</sup> | Asset-backed commercial paper money market mutual fund liquidity facility |  |                         |
| <b>Month<sup>4</sup></b>            |   |                     |  |           |          |  |   |  |                         |
| 2007-Dec.                           | 15430                                     | 11613               | 3787   | 1         | 30       |  |   |  |                         |
| 2008-Jan.                           | 45660                                     | 44516               | 1137   | 0         | 6        |  |   |  |                         |
| Feb.                                | 60157                                     | 60000               | 155  | 0         | 3        |  |   |  |                         |
| Mar.                                | 94523                                     | 75484               | 1617   | 0         | 6        | 16168  |   |  | 1249                    |
| Apr.                                | 135410                                    | 100000              | 9624   | 0         | 21       | 25764  |   |  | 0                       |
| May                                 | 155780                                    | 127419              | 14076  | 0         | 47       | 14238  |   |  | 0                       |
| June                                | 171278                                    | 150000              | 14225  | 70        | 75       | 6908   |   |  | 0                       |
| July                                | 165664                                    | 150000              | 15204  | 107       | 98       | 255  |   |  | 0                       |
| Aug.                                | 168078                                    | 150000              | 17980  | 1         | 97       | 0  |   |  | 0                       |
| Sep.                                | 290105                                    | 149814              | 32632  | 35        | 87       | 53473  | 31877   | 22187  | 0                       |
| Oct.                                | 648319                                    | 244778              | 94017  | 38        | 28       | 114953   | 117457  | 77047  | 0                       |
| Nov.                                | 698786                                    | 393088              | 95839  | 117       | 8        | 60655  | 71009   | 78070  | 0                       |
| Dec.                                | 653565                                    | 438327              | 88245  | 52        | 3        | 47631  | 32102   | 47206  | 0                       |
| <b>Two weeks ending<sup>5</sup></b> |   |                     |  |           |          |  |   |  |                         |
| 2008-Nov. 19                        | 725177                                    | 415302              | 93466  | 101       | 10       | 57552  | 75021   | 83726  | 0                       |
| Dec. 3                              | 675885                                    | 406508              | 91981  | 192       | 5        | 54808  | 54627   | 67765  | 0                       |
| 17                                  | 674517                                    | 447959              | 89284  | 41        | 2        | 51648  | 35050   | 50535  | 0                       |
| 31                                  | 627832                                    | 435513              | 86405  | 35        | 4        | 42078  | 24328   | 39471  | 0                       |
| 2009-Jan. 14p                       | 562358                                    | 389096              | 78518  | 29        | 1        | 34834  | 20818   | 39064  | 0                       |

1. The Federal Reserve Bank of New York (FRBNY) has extended credit to Maiden Lane LLC, Maiden Lane II LLC, Maiden Lane III LLC, and Commercial Paper Funding Facility LLC, as discussed in the notes to the Board's H.4.1 statistical release, "Factors Affecting Reserve Balances of Depository Institutions and Condition Statement of Federal Reserve Banks." Consistent with generally accepted accounting principles, the assets and liabilities of these LLCs have been consolidated with the assets and liabilities of the FRBNY because the FRBNY is either the sole or primary beneficiary of the LLCs. As a consequence of this consolidation, the extensions of credit from the FRBNY to these LLCs are eliminated from the Federal Reserve's balance sheet, and, thus, the loans are not included in borrowed reserves.

2. Includes credit extended through the Primary Dealer Credit Facility and credit extended to certain other broker-dealers.

3. Excludes credit extended to consolidated LLCs as described in footnote 1 above.

4. Prorated averages of biweekly averages.

5. Averages of daily figures.

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Table 2

## AGGREGATE RESERVES OF DEPOSITORY INSTITUTIONS AND THE MONETARY BASE

Not adjusted for changes in reserve requirements<sup>1</sup>

Not seasonally adjusted

Millions of dollars

| Date                                 | Reserves of depository institutions |             |          | Monetary base <sup>3</sup> | Reserve balances with F.R. Banks <sup>4</sup> | Vault cash <sup>5</sup> |  |                      | Net carryover of reserve balances <sup>8</sup> |
|--------------------------------------|-------------------------------------|-------------|----------|----------------------------|---|-------------------------|--|----------------------|--|
|                                      | Total <sup>2</sup>                  | Nonborrowed | Required |                            |   | Total                   | Used to satisfy required reserves <sup>6</sup> | Surplus <sup>7</sup> |  |
| <b>Month<sup>9</sup></b>             |                                     |             |          |                            |   |                         |  |                      |  |
| 2007-Dec.                            | 42701                               | 27271       | 40932    | 836432                     | 8179  | 52161                   | 34522  | 17639                |  |
| 2008-Jan.                            | 44065                               | -1595       | 42425    | 831104                     | 8715  | 53163                   | 35350  | 17813                |  |
| Feb.                                 | 42799                               | -17358      | 41073    | 828694                     | 8148  | 53645                   | 34651  | 18994                |  |
| Mar.                                 | 42714                               | -51810      | 39735    | 832358                     | 9754  | 50439                   | 32960  | 17479                |  |
| Apr.                                 | 43504                               | -91906      | 41658    | 830495                     | 9255  | 49306                   | 34250  | 15057                |  |
| May                                  | 45106                               | -110674     | 43093    | 833974                     | 9689  | 48564                   | 35417  | 13147                |  |
| June                                 | 43923                               | -127355     | 41649    | 839084                     | 9178  | 49302                   | 34745  | 14557                |  |
| July                                 | 44106                               | -121558     | 42129    | 846455                     | 9338  | 49195                   | 34768  | 14427                |  |
| Aug.                                 | 44107                               | -123972     | 42116    | 847290                     | 9419  | 50132                   | 34688  | 15445                |  |
| Sep.                                 | 102568                              | -187537     | 42517    | 908029                     | 67178   | 50440                   | 35390  | 15049                |  |
| Oct.                                 | 314909                              | -333410     | 47005    | 1132519                    | 278033  | 51722                   | 36876  | 14846                |  |
| Nov.                                 | 609506                              | -89280      | 50453    | 1441048                    | 571066  | 53021                   | 38440  | 14581                |  |
| Dec.                                 | 821228                              | 167663      | 53808    | 1663862                    | 783538  | 53672                   | 37690  | 15982                |  |
| <b>Two weeks ending<sup>10</sup></b> |                                     |             |          |                            |   |                         |  |                      |  |
| 2008-Nov. 19                         | 650420                              | -74757      | 45673    | 1483281                    | 613008  | 54308                   | 37412  | 16896                | 1269   |
| Dec. 3                               | 645600                              | -30285      | 55879    | 1479146                    | 605767  | 52478                   | 39833  | 12645                | 1249   |
| 17                                   | 824047                              | 149530      | 49607    | 1665057                    | 788936  | 53763                   | 35111  | 18652                | 1644   |
| 31                                   | 856044                              | 228213      | 57564    | 1702249                    | 816234  | 53838                   | 39811  | 14027                | 1519   |
| 2009-Jan. 14p                        | 900991                              | 338633      | 57483    | 1752007                    | 862901  | 53539                   | 38090  | 15448                | 1733   |

1. Reflects actual required reserves, with no adjustments to eliminate the effects of discontinuities, or "breaks," associated with regulatory changes in reserve requirements.

2. Reserve balances with Federal Reserve Banks plus vault cash used to satisfy reserve requirements.

3. The monetary base, not break-adjusted and not seasonally adjusted, consists of (1) total reserves plus (2) required clearing balances and adjustments to compensate for float at Federal Reserve Banks plus (3) the currency component of the money stock plus (4), for all quarterly reporters on the "Report of Transaction Accounts, Other Deposits and Vault Cash" and for all those weekly reporters whose vault cash exceeds their required reserves, the difference between current vault cash and the amount applied to satisfy current reserve requirements. Currency and vault cash figures are measured over computation periods ending on Mondays.

4. Excludes required clearing balances and adjustments to compensate for float and includes other off-balance-sheet "as-of" adjustments.

5. Vault cash eligible to satisfy reserve requirements. It includes only vault cash held by those banks and thrifts that are not exempt from reserve requirements. Dates refer to the maintenance periods in which the vault cash can be used to satisfy reserve requirements.

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

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

8. Consists of carryover only at depository institutions maintaining reserves on the basis of two-week maintenance periods. Reflects excess (+) or deficit (-) reserves eligible to be carried forward into the two-week reserve maintenance period ending on the date shown.

9. Prorated averages of biweekly averages.

10. Averages of daily figures.

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Table 3

## AGGREGATE RESERVES OF DEPOSITORY INSTITUTIONS AND THE MONETARY BASE

Adjusted for changes in reserve requirements<sup>1</sup>

Not seasonally adjusted

Millions of dollars

| Date                                | Reserves of depository institutions |             |                       | Monetary base <sup>4</sup> |
|-------------------------------------|-------------------------------------|-------------|-----------------------|----------------------------|
|                                     | Total <sup>2</sup>                  | Nonborrowed | Required <sup>3</sup> |                            |
| <b>Month<sup>5</sup></b>            |                                     |             |                       |                            |
| 2007-Dec.                           | 42716                               | 27286       | 40947                 | 829843                     |
| 2008-Jan.                           | 44038                               | -1621       | 42398                 | 824416                     |
| Feb.                                | 42796                               | -17361      | 41070                 | 821917                     |
| Mar.                                | 42709                               | -51814      | 39731                 | 825559                     |
| Apr.                                | 43487                               | -91922      | 41642                 | 823379                     |
| May                                 | 45075                               | -110705     | 43062                 | 826882                     |
| June                                | 43890                               | -127388     | 41616                 | 831974                     |
| July                                | 44059                               | -121605     | 42083                 | 839215                     |
| Aug.                                | 44046                               | -124032     | 42055                 | 840149                     |
| Sep.                                | 102507                              | -187598     | 42456                 | 900649                     |
| Oct.                                | 314834                              | -333485     | 46930                 | 1125965                    |
| Nov.                                | 609416                              | -89369      | 50363                 | 1435217                    |
| Dec.                                | 821137                              | 167572      | 53717                 | 1659248                    |
| <b>Two weeks ending<sup>6</sup></b> |                                     |             |                       |                            |
| 2008-Nov. 19                        | 650332                              | -74845      | 45585                 | 1476899                    |
| Dec. 3                              | 645508                              | -30377      | 55786                 | 1474121                    |
| 17                                  | 823957                              | 149441      | 49518                 | 1660384                    |
| 31                                  | 855951                              | 228120      | 57472                 | 1697782                    |
| 2009-Jan. 14 <sup>p</sup>           | 900920                              | 338562      | 57412                 | 1747547                    |

Note: Current and historical H.3 data are available each week on the Federal Reserve Board's website (<http://www.federalreserve.gov/>). Monthly data are available back to January 1959, and weekly data are available back to January 1975 for most series. For information about individual copies or subscriptions, contact Publications Services at the Federal Reserve Board (phone 202-452-3245, fax 202-728-5886). For paid electronic access to current and historical data, call STAT-USA at 1-800-782-8872 or 202-482-1986.

- Figures reflect adjustments for discontinuities, or "breaks," associated with regulatory changes in reserve requirements.
- Break-adjusted total reserves equal break-adjusted required reserves (table 3, column 3) plus excess reserves NSA (table 1, column 4).
- To adjust required reserves for discontinuities due to regulatory changes in reserve requirements, a multiplicative procedure is used to estimate what required reserves would have been in past periods had current reserve requirements been in effect. Break-adjusted required reserves are equal to break-adjusted required reserves against transactions deposits.
- The break-adjusted monetary base equals (1) break-adjusted total reserves plus (2) the (unadjusted) currency component of the money stock plus (3), for all quarterly reporters on the "Report of Transaction Accounts, Other Deposits and Vault Cash" and for all those weekly reporters whose vault cash exceeds their required reserves, the break-adjusted difference between current vault cash and the amount applied to satisfy current reserve requirements.
- Prorated averages of biweekly averages.
- Averages of daily figures.

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