
#### Abstract

NOTICE

Because of the Independence Day holiday, the H. 3 statistical release (Aggregate Reserves of Depository Institutions and the Monetary Base) will be published on Friday, July 6, instead of Thursday, July 5.


AGGREGATE RESERVES OF DEPOSITORY INSTITUTIONS AND THE MONETARY BASE
Adjusted for changes in reserve requirements averages of daily figures, seasonally adjusted unless noted otherwise Millions of dollars

| Date | Reserves of depository institutions |  |  |  |  |  | Monetary base ${ }^{6}$ | Borrowings of depository institutions from the Federal Reserve, NSA |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | total ${ }^{2}$ | nonborrowed ${ }^{3}$ | nonborrowed plus extended credit ${ }^{4}$ | required | $\begin{gathered} \text { excess } \\ \text { NSA }^{5} \end{gathered}$ |  | total | seasonal | extended credit ${ }^{4}$ |
| $\begin{aligned} & \text { 1989-MAY } \\ & \text { JUNE } \end{aligned}$ |  | $\begin{aligned} & 58831 \\ & 58597 \end{aligned}$ | $\begin{aligned} & 57111 \\ & 57107 \end{aligned}$ | $\begin{aligned} & 58308 \\ & 58024 \end{aligned}$ | $\begin{aligned} & 57796 \\ & 57692 \end{aligned}$ | $\begin{array}{r} 1035 \\ 905 \end{array}$ | $\begin{aligned} & 278526 \\ & 279020 \end{aligned}$ | $\begin{aligned} & 1720 \\ & 1490 \end{aligned}$ | $\begin{aligned} & 345 \\ & 431 \end{aligned}$ | $\begin{array}{r} 1197 \\ 917 \end{array}$ |
| JULY AUG. SEP. |  | 58867 58906 59289 | 58173 58231 58596 | 58279 58272 58618 | 57901 58021 58351 | 966 885 938 | 279957 280756 281806 | 694 675 693 | 497 490 452 | 106 41 22 |
| OCT. NOV. DEC. |  | $\begin{aligned} & 59640 \\ & 59646 \\ & 60033 \end{aligned}$ | 59085 <br> 59297 <br> 59767 | $\begin{aligned} & 59106 \\ & 59318 \\ & 59787 \end{aligned}$ | 58620 58701 59110 | 1020 945 922 | $\begin{aligned} & 282786 \\ & 283222 \\ & 284946 \end{aligned}$ | 555 349 265 | $\begin{array}{r} 330 \\ 134 \\ 84 \end{array}$ | 21 21 20 |
| $\begin{aligned} & \text { 1990-JAN. } \\ & \text { FEB. } \\ & \text { MAR. } \end{aligned}$ |  | 59896 60215 60297 <br> 60297 | 59456 58768 58173 | $\begin{aligned} & 59482 \\ & 59302 \\ & 60123 \end{aligned}$ | $\begin{aligned} & 58880 \\ & 59227 \\ & 59436 \end{aligned}$ | $\begin{array}{r} 1016 \\ 989 \\ 861 \end{array}$ | 287509 289714 291820 | $\begin{array}{r} 440 \\ 1448 \\ 2124 \end{array}$ | $\begin{aligned} & 47 \\ & 51 \\ & 78 \end{aligned}$ | $\begin{array}{r} 26 \\ 535 \\ 1950 \end{array}$ |
| APR. MAY | P | $\begin{aligned} & 60275 \\ & 59782 \end{aligned}$ | $\begin{aligned} & 58647 \\ & 58448 \end{aligned}$ | $\begin{aligned} & 60051 \\ & 59323 \end{aligned}$ | $\begin{aligned} & 59379 \\ & 58821 \end{aligned}$ | 897 962 | $\begin{aligned} & 293540 \\ & 294399 \end{aligned}$ | 1628 1335 | 122 | $\begin{array}{r} 1403 \\ 875 \end{array}$ |
| Two weeks ending |  |  |  |  | , |  |  |  |  |  |
| 1990-MAY | 2 16 30 | 60228 <br> 59601 <br> 59925 | $\begin{aligned} & 59073 \\ & 58625 \end{aligned}$ $58202$ | $\begin{aligned} & 59971 \\ & 59298 \\ & 59300 \end{aligned}$ | $\begin{aligned} & 59122 \\ & 58673 \\ & 58913 \end{aligned}$ | $\begin{array}{r} 1105 \\ 927 \\ 1011 \end{array}$ | $\begin{aligned} & 294174 \\ & 293522 \\ & 295255 \end{aligned}$ | $\begin{array}{r} 1155 \\ 976 \\ 1723 \end{array}$ | $\begin{aligned} & 158 \\ & 221 \\ & 278 \end{aligned}$ | $\begin{array}{r} 899 \\ 673 \\ 1098 \end{array}$ |
| JUNE | $\begin{aligned} & \text { 13p } \\ & \text { 27pe } \end{aligned}$ | $\begin{aligned} & 59447 \\ & 60031 \end{aligned}$ | $\begin{aligned} & 58156 \\ & 59465 \end{aligned}$ | $\begin{aligned} & 58715 \\ & 59648 \end{aligned}$ | $\begin{aligned} & 58986 \\ & 58958 \end{aligned}$ | $\begin{array}{r} 460 \\ 1072 \end{array}$ | $\begin{aligned} & 295141 \\ & 297544 \end{aligned}$ | $\begin{array}{r} 1291 \\ 566 \end{array}$ | $\begin{aligned} & 282 \\ & 329 \end{aligned}$ | $\begin{aligned} & 559 \\ & 183 \end{aligned}$ |

p--preliminary
pe--preliminary estimate
 requirements. (For more information, see Table 3.1
Seasonally adjusted, break-adjusted total reserves equal seasonally adjusted, break-adjusted required reserves plus unadjusted excess
 borrowings of depository institutions from the Federal Reserve.
Extended credit consists of borrowing at the discount window under the terms and conditions established for the extended credit program to help depository institutions deal with sustained liquidity pressures. Because there is not the same need to repay such borrowing promptly as there is with traditional short-term adjustment credit, the money market impact of extended credit is similar to that of nonborrowed reserves.
5. Excess reserves NSA equals unadjusted total reserves (Table 2, column 1 ) less unadjusted required reserves (Table 2, column 3 )

The seasonally adjusted, break-adjusted monetary base consists of (l) 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
 and footnote 4 on table 3.)
H. 3 (502)

AGGREGATE RESERVES OF DEPOSITORY INSTITUTIONS AND THE MONETARY BASE
Averages of daily figures, not seasonally adjusted
Averages of daily mil
Milions of dollars

|  | Reserves of depository institutions |  |  |  | Reserve balances with F.R. Banks ${ }^{4}$ | Vault cash ${ }^{5}$ |  |  | Net carryover of reserve balances |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | total ${ }^{2}$ | nonborrowed | required | Monetaçy base |  | total | used to satisfy required reserves ${ }^{6}$ | surplus ${ }^{7}$ |  |
| $\begin{aligned} & \text { 1989-MAY } \\ & \text { JUNE } \end{aligned}$ | $\begin{aligned} & 58916 \\ & 59587 \end{aligned}$ | $\begin{aligned} & 57196 \\ & 58097 \end{aligned}$ | $\begin{aligned} & 57881 \\ & 58681 \end{aligned}$ | $\begin{array}{r} 280448 \\ 283087 \end{array}$ | $\begin{aligned} & 33204 \\ & 33852 \end{aligned}$ | $\begin{aligned} & 28111 \\ & 28088 \end{aligned}$ | $\begin{aligned} & 25712 \\ & 25735 \end{aligned}$ | $\begin{aligned} & 2398 \\ & 2352 \end{aligned}$ |  |
| JULY AUG. SEP | $\begin{aligned} & 60254 \\ & 59559 \\ & 60126 \end{aligned}$ | $\begin{aligned} & 59560 \\ & 58884 \\ & 59433 \end{aligned}$ | 59288 58674 59188 | 285209 284063 283615 | $\begin{aligned} & 33902 \\ & 32823 \\ & 33556 \end{aligned}$ | $\begin{aligned} & 28807 \\ & 29364 \\ & 29091 \end{aligned}$ | $\begin{aligned} & 26351 \\ & 26735 \\ & 26570 \end{aligned}$ | $\begin{aligned} & 2455 \\ & 2629 \\ & 2521 \end{aligned}$ |  |
| OCT. NOV. DEC | 60397 60989 <br> 62810 | 59842 60640 62544 | 59378 60044 61888 | 284328 287189 292554 | $\begin{aligned} & 33123 \\ & 33941 \\ & 35436 \end{aligned}$ | $\begin{aligned} & 29910 \\ & 29549 \\ & 29812 \end{aligned}$ | $\begin{aligned} & 27275 \\ & 27048 \\ & 27374 \end{aligned}$ | $\begin{aligned} & 2636 \\ & 2502 \\ & 2439 \end{aligned}$ |  |
| $\begin{aligned} & \text { 1990-JAN. } \\ & \text { FEB. } \\ & \text { MAR. } \end{aligned}$ | $\begin{aligned} & 62931 \\ & 60623 \\ & 60658 \end{aligned}$ | $\begin{aligned} & 62491 \\ & 59175 \end{aligned}$ $58535$ | $\begin{aligned} & 61914 \\ & 59634 \\ & 59797 \end{aligned}$ | $\begin{aligned} & 292131 \\ & 290025 \\ & 292377 \end{aligned}$ | $\begin{aligned} & 34090 \\ & 30929 \\ & 33407 \end{aligned}$ | $\begin{aligned} & 31301 \\ & 32489 \\ & 29581 \end{aligned}$ | $\begin{aligned} & 28841 \\ & 29693 \\ & 27251 \end{aligned}$ | $\begin{aligned} & 2461 \\ & 2795 \\ & 2330 \end{aligned}$ |  |
| APR. <br> MAY $p$ | $\begin{aligned} & 62512 \\ & 60231 \end{aligned}$ | $\begin{aligned} & 60884 \\ & 58897 \end{aligned}$ | $\begin{aligned} & 61615 \\ & 59269 \end{aligned}$ | $\begin{aligned} & 296872 \\ & 297032 \end{aligned}$ | $\begin{aligned} & 35409 \\ & 32770 \end{aligned}$ | $\begin{aligned} & 29281 \\ & 29811 \end{aligned}$ | $\begin{aligned} & 27103 \\ & 27461 \end{aligned}$ | $\begin{aligned} & 2178 \\ & 2350 \end{aligned}$ |  |
| Two weeks ending |  |  |  |  |  |  |  |  |  |
| $\begin{array}{lr} 1990 \text {-MAY } & 2 \\ & 16 \\ & 30 \end{array}$ | 62145 <br> 60584 <br> 59537 | $\begin{aligned} & 60990 \\ & 59609 \\ & 57815 \end{aligned}$ | $\begin{aligned} & 61040 \\ & 59657 \\ & 58526 \end{aligned}$ | $\begin{aligned} & 296127 \\ & 297219 \\ & 296712 \end{aligned}$ | $\begin{aligned} & 34887 \\ & 33855 \\ & 31269 \end{aligned}$ | $\begin{aligned} & 29588 \\ & 28862 \\ & 30851 \end{aligned}$ | $\begin{aligned} & 27259 \\ & 26730 \\ & 28268 \end{aligned}$ | $\begin{aligned} & 2330 \\ & 2132 \\ & 2583 \end{aligned}$ | $\begin{array}{r} 47 \\ 263 \\ 230 \end{array}$ |
| JUNE 13p | $\begin{aligned} & 61174 \\ & 61114 \end{aligned}$ | $\begin{aligned} & 59883 \\ & 60548 \end{aligned}$ | $\begin{aligned} & 60714 \\ & 60042 \end{aligned}$ | $\begin{aligned} & 300692 \\ & 301042 \end{aligned}$ | $\begin{aligned} & 34373 \\ & 33431 \end{aligned}$ | $\begin{aligned} & 28985 \\ & 30096 \end{aligned}$ | $\begin{aligned} & 26801 \\ & 27683 \end{aligned}$ | $\begin{aligned} & 2185 \\ & 2413 \end{aligned}$ | $\begin{array}{r} 234 \\ -99 \end{array}$ |

## p--preliminary

pe--preliminary estimate
 changes in reserve requirements
2. Reserve balances with Federal Reserve Banks plus vault cash used to satisfy reserve requirements.
 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. After the
introduction of CRR, currency and vault cash figures are measured over computation periods ending on Mondays

6. requirements, maintenance periods end 30 days after the lagged computation periods in which the balances are held.
cash) plus the amount of their required reserves lo satisfy current reserve requirements
 Consists of carryover only at depository institutions maintaining reserves on the basis of two-week maintenance periods. Ref
deficit $(-)$ reserves eligible to be carried forward into the two-week reserve maintenance period ending on the date shown.
H. 3 (502)

AGGREGATE RESERVES OF DEPOSITORY INSTITUTIONS AND THE MONETARY BASE Adjusted for changes in reserve requirements
Averages of daily figures, not seasonally adjusted Averages of daily $f$
Millions of dollars

| Date | Reserves of depository institutions |  |  |  | Monetary base ${ }^{4}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | total ${ }^{2}$ | nonborrowed | required ${ }^{3}$ |  |
| $\begin{aligned} & \text { 1989-MAY } \\ & \text { JUNE } \end{aligned}$ |  | $\begin{aligned} & 57786 \\ & 58485 \end{aligned}$ | $\begin{aligned} & 56066 \\ & 56995 \end{aligned}$ | $\begin{aligned} & 56750 \\ & 57580 \end{aligned}$ | $\begin{aligned} & 277464 \\ & 280070 \end{aligned}$ |
|  |  | $\begin{aligned} & 59044 \\ & 58399 \\ & 59025 \end{aligned}$ | 58350 57725 58332 | 58078 57515 58087 | $\begin{aligned} & 282009 \\ & 281026 \\ & 280655 \end{aligned}$ |
| OCT. NOV. DEC |  | $\begin{aligned} & 59272 \\ & 59869 \\ & 61669 \end{aligned}$ | 58717 59520 61404 | 58252 58924 60747 | $\begin{aligned} & 281344 \\ & 284114 \\ & 289447 \end{aligned}$ |
| $\begin{aligned} & \text { 1990-JAN. } \\ & \text { FEB. } \\ & \text { MAR. } \end{aligned}$ |  | $\begin{aligned} & 61579 \\ & 59199 \\ & 59234 \end{aligned}$ | $\begin{aligned} & 61139 \\ & 57751 \\ & 57110 \end{aligned}$ | $\begin{aligned} & 60563 \\ & 58210 \\ & 58373 \end{aligned}$ | $\begin{aligned} & 288671 \\ & 286502 \\ & 288864 \end{aligned}$ |
| APR. MAY | P | $\begin{aligned} & 61047 \\ & 58742 \end{aligned}$ | $\begin{aligned} & 59419 \\ & 57407 \end{aligned}$ | $\begin{aligned} & 60150 \\ & 57780 \end{aligned}$ | $\begin{aligned} & 293354 \\ & 293518 \end{aligned}$ |
| Two weeks ending |  |  |  |  |  |
| 1990-MAY | 2 16 30 | 60662 <br> 59142 <br> 58007 | 59507 <br> 58166 <br> 56285 | 59557 <br> 58214 56996 | $\begin{aligned} & 292474 \\ & 293770 \\ & 293165 \end{aligned}$ |
| JUNE | $\begin{aligned} & \text { 13p } \\ & 27 \mathrm{pe} \end{aligned}$ | $\begin{aligned} & 59588 \\ & 59508 \end{aligned}$ | $\begin{aligned} & 58297 \\ & 58943 \end{aligned}$ | $\begin{aligned} & 59127 \\ & 58436 \end{aligned}$ | $\begin{aligned} & 297029 \\ & 297446 \end{aligned}$ |

## p--preliminary

## pe--preliminary estimate

1. Figures reflect adjustments for discontinuities, or "breaks", associated with regulatory changes in reserve
2. requirements.
3. Break-adjusted total reserves equal break-adjusted required reserves (Table 3, column 3) plus excess reserves NSA
4. To adjust required reserves for discontinuities due to regulatory changes in reserve requirements, a multiplicative To adjust required reserves for discontinuities due to regulatory changes in reserve requirements, a mult
requirements been in effect. Break-adjusted required reserves includes required reserves against transactions
deposits and nonpersonal time and savings deposits (but not reservable nondeposit liabilities. I
5. 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.

Note: Historical data are available from the Money and Reserves Projections Section, Division of Monetary Affairs, Board of Governors of The Federal Reserve System, Washington, D.C. 20551

