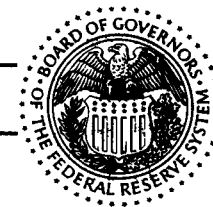


# FEDERAL RESERVE statistical release



H.3 (502)  
Table 1

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

## AGGREGATE RESERVES OF DEPOSITORY INSTITUTIONS AND THE MONETARY BASE

Adjusted for changes in reserve requirements<sup>1</sup>  
Averages of daily figures, seasonally adjusted unless noted otherwise  
Millions of dollars

JANUARY 4, 1990

Date	Reserves of depository institutions					Monetary base <sup>6</sup>	Borrowings of depository institutions from the Federal Reserve, NSA		
	total <sup>2</sup>	nonborrowed <sup>3</sup>	nonborrowed plus extended credit <sup>4</sup>	required	excess NSA <sup>5</sup>		total	seasonal	extended credit <sup>4</sup>
1988-NOV.	60853	57991	60314	59733	1119	274381	2861	186	2322
DEC.	60706	58990	60234	59666	1040	275503	1716	130	1244
1989-JAN.	60370	58708	59754	59226	1145	276815	1662	76	1046
FEB.	60260	58773	59823	59106	1154	277598	1487	97	1050
MAR.	59854	58041	59376	58896	957	278676	1813	139	1334
APR.	59463	57174	58881	58687	776	278753	2289	213	1707
MAY	58740	57020	58217	57709	1031	278427	1720	345	1197
JUNE	58350	56860	57776	57445	905	279060	1490	431	917
JULY	58698	58004	58110	57733	966	280014	694	497	106
AUG.	58753	58079	58120	57869	885	280288	675	490	41
SEP.	59223	58530	58552	58285	938	282045	693	452	22
OCT.	59621	59066	59087	58602	1020	282703	555	330	21
NOV.	59567	59217	59238	58621	945	283003	349	134	21
Two weeks ending									
1989-NOV. 1	59722	59377	59399	58594	1128	283167	345	280	23
15	59396	59124	59144	58515	881	282350	272	147	20
29	59725	59284	59307	58716	1009	283578	441	115	23
DEC. 13	59582	59432	59453	58818	764	283928	151	87	22
27p	60389	60038	60057	59358	1031	286026	351	89	19

p--preliminary

pe--preliminary estimate

- Reserves and monetary base figures incorporate adjustments for discontinuities, or "breaks", associated with regulatory changes in reserve requirements. (For more information, see Table 3.)
- Seasonally adjusted, break-adjusted total reserves equal seasonally adjusted, break-adjusted required reserves plus unadjusted excess reserves. (Also, see footnote 2 on Table 2 and footnote 2 on Table 3.)
- Seasonally adjusted, break-adjusted nonborrowed reserves equal seasonally adjusted, break-adjusted total reserves less unadjusted total 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.
- 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 (1) seasonally adjusted, break-adjusted total reserves plus (2) the seasonally adjusted currency component of the money stock plus (3), for institutions whose vault cash exceeds their required reserves, the seasonally adjusted, break-adjusted excess of current vault cash over the amount applied to satisfy current reserve requirements. (Also, see footnote 3 on Table 2 and footnote 4 on Table 3.)

## AGGREGATE RESERVES OF DEPOSITORY INSTITUTIONS AND THE MONETARY BASE

Not adjusted for changes in reserve requirements<sup>1</sup>  
Averages of daily figures, 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>	
1988-NOV.	62407	59546	61287	278653	36997	26745	25410	1335	
DEC.	63739	62023	62699	283178	37830	27197	25909	1288	
1989-JAN.	63468	61806	62323	281344	36475	28376	26993	1383	
FEB.	60693	59206	59539	277700	32834	29776	27859	1917	
MAR.	60212	58400	59255	279003	34623	27059	25589	1470	
APR.	61288	58998	60511	281599	35832	26746	25456	1290	
MAY	58911	57191	57881	280638	33199	27166	25712	1454	
JUNE	59587	58097	58681	283276	33852	27151	25735	1416	
JULY	60254	59560	59288	285389	33902	27851	26351	1500	
AUG.	59559	58884	58674	284230	32823	28358	26735	1622	
SEP.	60126	59433	59188	283779	33556	28085	26570	1515	
OCT.	60397	59842	59378	284487	33123	28900	27275	1625	
NOV.	60989	60640	60044	287350	33942	28519	27048	1471	
Two weeks ending									
1989-NOV. 1	59955	59610	58827	283433	32778	28875	27177	1698	150
15	61020	60748	60139	287012	34468	27907	26552	1355	282
29	60968	60527	59958	287772	33394	29156	27574	1582	114
DEC. 13	61912	61761	61148	290100	35403	27821	26509	1312	161
27p	63048	62697	62017	294262	35152	29415	27897	1519	67

p--preliminary

pe--preliminary estimate

- Reflects actual required reserves, with no adjustments to eliminate the effects of discontinuities, or "breaks", associated with regulatory changes in reserve requirements.
- Reserve balances with Federal Reserve Banks plus vault cash used to satisfy reserve requirements.
- The monetary base, not break-adjusted and not seasonally adjusted, consists of total reserves plus required clearing balances and adjustments to compensate for float at Federal Reserve Banks plus the currency component of the money stock plus, for institutions whose vault cash exceeds their required reserves, the excess of current vault cash over 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.
- Excludes required clearing balances and adjustments to compensate for float and includes other off-balance sheet "as-of" adjustments.
- Dates refer to the maintenance periods in which the vault cash can be used to satisfy reserve requirements. Under contemporaneous reserve requirements, maintenance periods end 30 days after the lagged computation periods in which the balances are held.
- 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.
- Total vault cash held by depository institutions minus the amount applied to satisfy reserve requirements.
- 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.

## AGGREGATE RESERVES OF DEPOSITORY INSTITUTIONS AND THE MONETARY BASE

Adjusted for changes in reserve requirements<sup>1</sup>  
Averages of daily figures, 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>	
1988-NOV.	60963	58102	59844	275317
DEC.	62213	60497	61173	279711
1989-JAN.	62067	60405	60922	277955
FEB.	59371	57884	58217	274408
MAR.	58938	57125	57980	275685
APR.	60011	57722	59235	278193
MAY	57722	56002	56691	277591
JUNE	58410	56920	57505	280187
JULY	58955	58261	57989	282103
AUG.	58297	57622	57412	281092
SEP.	58907	58214	57969	280705
OCT.	59140	58584	58120	281372
NOV.	59720	59371	58775	284130
<b>Two weeks ending</b>				
1989-NOV. 1	58635	58290	57507	280344
15	59813	59541	58932	283873
29	59639	59198	58630	284468
DEC. 13	60636	60485	59872	286790
27p	61752	61401	60722	291121

p--preliminary

pe--preliminary estimate

1. Figures reflect adjustments for discontinuities, or "breaks", associated with regulatory changes in reserve requirements.
2. Break-adjusted total reserves equal break-adjusted required reserves (Table 3, column 3) plus excess reserves NSA (Table 1, column 5).
3. 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 includes required reserves against transactions deposits and nonpersonal time and savings deposits (but not reservable nondeposit liabilities.)
4. Break-adjusted monetary base equals (1) break-adjusted total reserves plus (2) the (unadjusted) currency component of the money stock plus (3), for institutions whose vault cash exceeds their required reserves, the break-adjusted excess of current vault cash over 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