

# 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 25, 2019

**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>						
2018-June	125,503	138,065	112,942	1,988,224	137,568	1,850,656
July	125,736	138,323	113,152	1,949,820	137,861	1,811,960
Aug.	123,620	135,994	111,246	1,911,165	135,544	1,775,621
Sept.	126,756	139,444	114,069	1,873,866	138,965	1,734,901
Oct.	123,821	136,215	111,428	1,830,017	135,731	1,694,286
Nov.	126,537	139,202	113,872	1,775,291	138,700	1,636,591
Dec.	123,703	136,085	111,322	1,691,394	135,698	1,555,696
2019-Jan.	131,130	144,255	118,006	1,639,030	143,615	1,495,414
Feb.	125,129	137,655	112,606	1,645,233	137,128	1,508,105
Mar.	128,423	141,279	115,569	1,661,297	140,926	1,520,371
Apr.	130,120	143,144	117,098	1,559,450	142,641	1,416,809
May	134,717	148,200	121,237	1,511,285	147,792	1,363,493
June	134,908	148,409	121,408	1,535,857	148,025	1,387,832
<b>Two weeks ending<sup>8</sup></b>						
2019-May 22	132,906	146,208	119,607	1,514,012	145,855	1,368,157
June 5	137,660	151,436	123,885	1,540,900	151,092	1,389,808
June 19	126,422	139,074	113,770	1,577,459	138,689	1,438,770
July 3	144,458	158,913	130,004	1,480,617	158,514	1,322,103
July 17	126,705	139,385	114,026	1,507,735	138,959	1,368,776

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.

**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>								
2018-June	2,052,749	190,028	74,661	64,525	10,136	3,650,485	1,988,224	1,662,261
July	2,014,613	190,529	75,448	64,792	10,656	3,618,272	1,949,820	1,668,452
Aug.	1,976,094	188,549	76,485	64,929	11,557	3,584,450	1,911,165	1,673,285
Sept.	1,938,011	190,901	74,945	64,145	10,800	3,559,828	1,873,866	1,685,962
Oct.	1,895,798	189,602	75,871	65,781	10,090	3,520,863	1,830,017	1,690,846
Nov.	1,840,828	192,074	76,555	65,537	11,018	3,476,330	1,775,291	1,701,039
Dec.	1,759,856	192,165	80,800	68,462	12,338	3,400,747	1,691,394	1,709,353
2019-Jan.	1,707,256	199,356	80,374	68,226	12,148	3,346,879	1,639,030	1,707,849
Feb.	1,713,683	193,579	81,282	68,450	12,832	3,353,467	1,645,233	1,708,234
Mar.	1,725,938	193,064	76,800	64,640	12,160	3,381,455	1,661,297	1,720,158
Apr.	1,623,904	194,575	76,130	64,455	11,675	3,286,650	1,559,450	1,727,201
May	1,576,309	199,742	75,814	65,024	10,790	3,244,460	1,511,285	1,733,175
June	1,601,309	200,360	76,096	65,452	10,645	3,274,841	1,535,857	1,738,984
<b>Two weeks ending<sup>8</sup></b>								
2019-May 22	1,578,733	197,627	76,146	64,721	11,425	3,245,881	1,514,012	1,731,869
June 5	1,605,985	202,745	74,928	65,085	9,843	3,279,010	1,540,900	1,738,110
June 19	1,640,670	189,633	75,179	63,211	11,968	3,314,564	1,577,459	1,737,105
July 3	1,549,087	212,928	77,795	68,470	9,325	3,222,391	1,480,617	1,741,774
July 17	1,570,546	189,516	76,322	62,811	13,511	3,256,928	1,507,735	1,749,193

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.

**Table 3**

Not seasonally adjusted

Millions of dollars

Date	Borrowings from the Federal Reserve					Nonborrowed reserves <sup>1</sup>
	Total	Primary	Secondary	Seasonal	Other credit extensions	
<b>Month<sup>2</sup></b>						
2018-June	143	17	0	126	0	2,052,605
July	224	20	0	203	0	2,014,388
Aug.	261	18	0	243	0	1,975,833
Sept.	290	38	0	252	0	1,937,721
Oct.	209	21	0	189	0	1,895,589
Nov.	97	11	0	86	0	1,840,731
Dec.	76	18	0	58	0	1,759,780
2019-Jan.	26	20	0	6	0	1,707,230
Feb.	19	7	0	12	0	1,713,664
Mar.	15	7	0	8	0	1,725,923
Apr.	30	14	0	15	0	1,623,875
May	56	18	0	38	0	1,576,254
June	80	20	0	60	0	1,601,229
<b>Two weeks ending<sup>3</sup></b>						
2019-May 22	48	8	0	41	0	1,578,685
June 5	87	45	0	43	0	1,605,898
June 19	61	11	0	50	0	1,640,610
July 3	101	20	0	81	0	1,548,986
July 17	118	13	0	105	0	1,570,429

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

2. Prorated averages of biweekly averages.

3. Averages of daily figures.