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# FEDERAL RESERVE statistical release

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

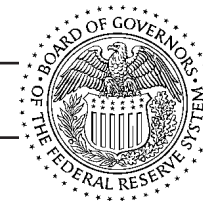


For release at 4:30 p.m. Eastern Time  
September 17, 2020

## Final H.3 Statistical Release

This is the final publication of the H.3 statistical release. Certain H.3 release items will be consolidated onto the H.6 statistical release as of September 24, 2020. For more information on the consolidation and related changes, please see the [announcement](#) posted on August 20, 2020.

# FEDERAL RESERVE statistical release



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

**Table 1**

Not seasonally adjusted

Millions of dollars unless otherwise noted

For release at 4:30 p.m. Eastern Time  
Not seasonally adjusted

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-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
July	0	0	0	2,718,529	0	2,718,529
Aug.	0	0	0	2,799,719	0	2,799,719
<b>Two weeks ending<sup>8</sup></b>						
2020-July 15	0	0	0	2,795,785	0	2,795,785
July 29	0	0	0	2,623,526	0	2,623,526
Aug. 12	0	0	0	2,751,124	0	2,751,124
Aug. 26	0	0	0	2,821,740	0	2,821,740
Sept. 9	0	0	0	2,854,690	0	2,854,690

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-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	81,216	69,835	11,381	3,442,569	1,645,384	1,797,185
Feb.	1,726,943	208,324	80,735	69,954	10,781	3,454,474	1,656,989	1,797,485
Mar.	2,099,369	167,360	77,114	54,222	22,892	3,883,155	2,045,148	1,838,007
Apr.	2,953,586	0	88,104	0	88,104	4,844,940	2,953,586	1,891,355
May	3,217,635	0	101,345	0	101,345	5,149,527	3,217,635	1,931,891
June	3,043,556	0	104,201	0	104,201	5,001,978	3,043,556	1,958,422
July	2,718,529	0	98,392	0	98,392	4,700,365	2,718,529	1,981,836
Aug.	2,799,719	0	95,327	0	95,327	4,807,394	2,799,719	2,007,675
<b>Two weeks ending<sup>8</sup></b>								
2020-July 15	2,795,785	0	99,459	0	99,459	4,772,522	2,795,785	1,976,737
July 29	2,623,526	0	97,225	0	97,225	4,609,143	2,623,526	1,985,617
Aug. 12	2,751,124	0	95,638	0	95,638	4,750,981	2,751,124	1,999,857
Aug. 26	2,821,740	0	95,066	0	95,066	4,830,999	2,821,740	2,009,260
Sept. 9	2,854,690	0	95,313	0	95,313	4,876,690	2,854,690	2,022,000

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-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
July	92,943	4,670	0	26	88,248	2,625,585
Aug.	83,126	2,851	0	38	80,237	2,716,593
<b>Two weeks ending<sup>4</sup></b>						
2020-July 15	94,326	5,055	0	21	89,251	2,701,459
July 29	92,428	4,376	0	31	88,021	2,531,099
Aug. 12	85,636	3,111	0	37	82,488	2,665,489
Aug. 26	82,030	2,651	0	41	79,339	2,739,710
Sept. 9	80,170	2,786	0	34	77,350	2,774,520

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.