

# Federal Reserve Banks Combined Quarterly Financial Report

Unaudited





The Federal Reserve System is the central bank of the United States. It performs five key functions to promote the effective operation of the U.S. economy and, more generally, the public interest.

#### The Federal Reserve

- conducts the nation's monetary policy to promote maximum employment, stable prices, and moderate long-term interest rates in the U.S. economy;
- promotes the stability of the financial system and seeks to minimize and contain systemic risks through active monitoring and engagement in the U.S. and abroad;
- promotes the safety and soundness of individual financial institutions and monitors their impact on the financial system as a whole;
- fosters payment and settlement system safety and efficiency through services to the banking industry and U.S. government that facilitate U.S.-dollar transactions and payments; and
- promotes consumer protection and community development through consumer-focused supervision and examination, research and analysis of emerging consumer issues and trends, community economic development activities, and administration of consumer laws and regulations.

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## **Contents**

| Overview   | 1  |
|--|----|
| Combined Quarterly Financial Statements            | 2  |
| Supplemental Financial Information                 | 5  |
| (1) Loans  | 5  |
| (2) System Open Market Account (SOMA) Holdings     | 7  |
| (3) Consolidated Variable Interest Entities (VIEs) | 14 |
| (4) Federal Reserve Notes                          | 18 |
| (5) Depository Institution Deposits                | 19 |
| (6) Treasury Deposits                              | 19 |
| (7) Capital and Surplus                            | 19 |
| (8) Income and Expense                             | 19 |
|  |    |

## **Overview**

The Federal Reserve supplements the release of its annual financial statements with three quarterly financial reports to summarize the unaudited combined financial position and results of operations of the 12 Reserve Banks. The combined financial information reported includes the accounts and results of operations of each Reserve Bank and some consolidated variable interest entities.

#### The report contains

- the combined statements of condition, operations, and changes in capital; and
- eight explanatory notes that provide supplemental financial information for line items in the combined quarterly statements.

For more information about Federal Reserve Board financial statements and reporting, visit our website at <a href="https://www.federalreserve.gov/aboutthefed/fed-financial-statements.htm">https://www.federalreserve.gov/aboutthefed/fed-financial-statements.htm</a>. For more information about how the Federal Reserve Board supervises Federal Reserve Bank operations, see the "Payment System and Reserve Bank Oversight" section of our latest Annual Report (<a href="https://www.federalreserve.gov/publications/annual-report.htm">https://www.federalreserve.gov/publications/annual-report.htm</a>).

The following unaudited financial statements—for the quarter-ended March 31, 2024—summarize the combined financial position and results of operations of the 12 Federal Reserve Banks. The notes cited in the financial statements provide supplemental financial information for specific line items.

| (in millions)  |        | Ma   | rch 31, 2024    | Dece  | mber 31, 2023   |
|--|--------|------|-----------------|-------|-----------------|
| Assets   |        | IVIG | 1011 011, 202 1 | 2000. |                 |
| Gold certificates  |        | \$   | 11,037          | \$    | 11,037          |
| Special drawing rights certificates  |        | Ψ    | 5,200           | Ψ     | 5,20            |
| opecial drawing rights certificates<br>Coin  |        |      | 1,557           |       | 1,42            |
| LOANS:   | Note 1 |      | 1,551           |       | 1,42            |
|  | Note 1 |      | 6,781           |       | 3,47            |
| Loans to depository institutions Other loans   |        |      | 133,921         |       | 132,62          |
| System Open Market Account:  | Note 2 |      | 133,921         |       | 132,02          |
| •  | Note 2 |      | 3               |       |                 |
| Securities purchased under agreements to resell  Treasury securities, net (of which \$49,019 and \$47,388 is lent as of March 31, 2024, and December 31, 2023, respectively) |        |      | 4,812,091       |       | 4,988,32        |
| Federal agency and government-sponsored enterprise mortgage-backed securities, net   |        |      | 2,436,669       |       | 2,481,33        |
| Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of March 31, 2024, and December 31, 2023)  |        |      | 2,550           |       | 2,557           |
| Foreign currency denominated investments, net  |        |      | 17,907          |       | 18,587          |
| Central bank liquidity swaps   |        |      | 187             |       | 1,35            |
| Accrued interest receivable  |        |      | 31,239          |       | 32,35           |
| Other assets   |        |      | 1               |       |                 |
| Consolidated variable interest entities: Assets held, net (including \$222 and \$1,006 measured at fair value as of March 31, 2024, and December 31, 2023, respectively)     | Note 3 |      | 14,290          |       | 16,09           |
| Prepaid pension benefit costs  |        |      | 938             |       | 998             |
| Other accrued interest receivable  |        |      | 1,951           |       | 2,54            |
| Bank premises and equipment, net   |        |      | 2,925           |       | 2,89            |
| Items in process of collection   |        |      | 47              |       | 69              |
| Deferred asset—remittances to the Treasury   |        |      | 160,379         |       | 133,31          |
| Other assets   |        |      | 1,348           |       | 1,35            |
| Total assets   |        | \$   | 7,641,021       | \$    | 7,835,559       |
| Liabilities and capital  |        |      |                 |       |                 |
| Federal Reserve notes outstanding, net   | Note 4 | \$   | 2,293,089       | \$    | 2,297,050       |
| System Open Market Account:  |        |      |                 |       |                 |
| Securities sold under agreements to repurchase   | Note 2 |      | 976,765         |       | 1,390,67        |
| Other liabilities  |        |      | 520             |       | 614             |
| Deposits:  |        |      |                 |       |                 |
| Depository institutions  | Note 5 |      | 3,345,698       |       | 3,134,75        |
| Treasury, general account  | Note 6 |      | 775,268         |       | 768,590         |
| Other deposits   |        |      | 188,739         |       | 187,222         |
| Interest payable to depository institutions and others   |        |      | 5,932           |       | 2,020           |
| Consolidated variable interest entities: Other liabilities   | Note 3 |      | 34              |       | 5:              |
| Accrued benefit costs  |        |      | 2,059           |       | 2,03            |
| Deferred credit items  |        |      | 683             |       | 624             |
| Other liabilities  |        |      | 937             |       | 54:             |
| Total liabilities  |        | \$   | 7,589,724       | \$    | 7,784,180       |
| Reserve Bank capital   | Note 7 |      |                 |       |                 |
| Capital paid-in  |        | \$   | 36,357          | \$    | 36,065          |
| Surplus (including accumulated other comprehensive loss of \$1,257 and \$1,236 at March 31, 2024, and  |        |      | 6,785           |       | 6,78            |
| December 31, 2023, respectively)   |        |      | 43,142          |       | 42,85           |
| December 31, 2023, respectively)  Total Reserve Bank capital   |        |      | 70,172          |       |                 |
| Total Reserve Bank capital   | Note 3 |      | 8,155           |       |                 |
|  | Note 3 |      |                 |       | 8,529<br>51,379 |

|  |           | Three months            | 1        | hree months            |
|--|-----------|-------------------------|----------|------------------------|
|  |           | ended<br>March 31, 2024 | M        | ended<br>arch 31, 2023 |
| Interest income  |           | Waldi 31, 2024          | 1411     | uron 01, 2020          |
| Loans:   | Note 8(A) |                         |          |                        |
| Loans to depository institutions   |           | \$ 38                   | \$       | 778                    |
| Other loans  |           | 1,860                   |          | 103                    |
| System Open Market Account:  | Note 8(B) |                         |          |                        |
| Securities purchased under agreements to resell  |           | _                       |          | 99                     |
| Treasury securities, net   |           | 23,120                  |          | 23,979                 |
| Federal agency and government-sponsored enterprise mortgage-backed securities, net                               |           | 13,742                  |          | 14,852                 |
| Government-sponsored enterprise debt securities, net   |           | 33                      |          | 33                     |
| Foreign currency denominated investments, net  |           | 84                      |          | 41                     |
| Central bank liquidity swaps   |           | 3                       |          | 5                      |
| Total interest income  |           | \$ 38,880               | \$       | 39,890                 |
| Interest expense   |           |                         |          |                        |
| System Open Market Account:  | Note 8(B) |                         |          |                        |
| Securities sold under agreements to repurchase   |           | \$ 12,023               | \$       | 28,058                 |
| Deposits:  |           |                         |          |                        |
| Depository institutions and others   | Note 8(D) | 50,461                  |          | 37,852                 |
| Total interest expense   |           | 62,484                  |          | 65,910                 |
| Net interest income (expense)  |           | (23,604                 | <u> </u> | (26,020)               |
| Other items of income (loss)   |           |                         |          |                        |
| System Open Market Account:  |           |                         |          | _                      |
| Treasury securities (losses), net  |           | \$ (7)                  | \$       | (6)                    |
| Federal agency and government-sponsored enterprise mortgage-backed securities (losses), net                      |           | _                       |          | (1)                    |
| Foreign currency translation (losses) gains, net   |           | (747                    |          | 137                    |
| Other  |           | 10                      |          | 24                     |
| Income from services   |           | 129                     |          | 126                    |
| Reimbursable services to government agencies   |           | 207                     |          | 192                    |
| Other components of net benefit costs  |           | 90                      |          | 65                     |
| Other  |           | 10                      |          | 11                     |
| Total other items of (loss) income   |           | (308)                   |          | 548                    |
| Operating expenses   | Note 8(E) |                         |          |                        |
| Salaries and benefits  |           | \$ 985                  | \$       | 978                    |
| System pension service cost  |           | 153                     |          | 132                    |
| Occupancy  |           | 79                      |          | 75                     |
| Equipment  |           | 59                      |          | 58                     |
| Other  |           | 309                     |          | 282                    |
| Assessments:   |           |                         |          |                        |
| Board of Governors operating expenses and currency costs   |           | 565                     |          | 446                    |
| Bureau of Consumer Financial Protection  |           | 285                     |          | 286                    |
| Total operating expenses   |           | 2,435                   |          | 2,257                  |
| Reserve Bank net (loss) from operations  |           | (26,347)                |          | (27,729)               |
| Consolidated variable interest entities: (Loss) income, net  | Note 8(C) | (163)                   |          | 354                    |
| Consolidated variable interest entities: Non-controlling interest loss (income), net                             | Note 8(C) | 141                     |          | (338)                  |
| Reserve Bank and consolidated variable interest entities net (loss) before providing remittances to the Treasury |           | (26,369)                |          | (27,713)               |
| Earnings remittances to the Treasury, net  |           | (26,789                 |          | (28,058)               |
| Net income after providing for remittances to the Treasury   |           | 420                     |          | 345                    |
| Change in prior service costs related to benefit plans   |           | (11)                    |          | (5)                    |
| Change in actuarial (losses) related to benefit plans  |           | (10                     |          | (5)                    |
| Total other comprehensive (loss)   |           | (21                     |          | (10)                   |
| Comprehensive income   |           | \$ 399                  |          | 335                    |

|   |         |         |    | R                | eserve Ban                          | k capital             |    |                 |    |                                | Con         | solidated                                     |                   | al Reserve   |
|---|---------|---------|----|------------------|-------------------------------------|-----------------------|----|-----------------|----|--------------------------------|-------------|---|-------------------|--|
|   |         |         |    |                  | Surp                                |                       |    |                 |    |                                |             | ariable                                       |                   | capital and  |
|   | Capital | paid-in |    | income<br>tained | Accumu<br>othe<br>compreh<br>income | lated<br>er<br>ensive |    | Total<br>Irplus | R  | Total<br>leserve<br>nk capital | entit<br>co | nterest<br>ties: Non-<br>ntrolling<br>nterest | varia<br>en<br>co | able interest<br>tities non-<br>ontrolling<br>interest |
| Balance at December 31, 2022  |         |         |    |                  |                                     |                       |    |                 |    |                                |             |   |                   |  |
| (700,281,542 shares of Reserve Bank   |         | 05.044  |    | 7.745            |                                     | (0.00)                |    | 0.705           |    | 44.700                         |             | 45 504  |                   | 57.00  |
| capital stock)  | \$      | 35,014  | \$ | 7,745            | \$                                  | (960)                 | \$ | 6,785           | \$ | 41,799                         | \$          | 15,591  | \$                | 57,390   |
| Net change in capital stock issued (21,010,397 shares)  |         | 1,051   |    | _                |                                     | _                     |    | _               |    | 1,051                          |             | _   |                   | 1,051  |
| Comprehensive income:   |         |         |    |                  |                                     |                       |    |                 |    |                                |             |   |                   |  |
| Reserve Bank net income after   |         |         |    |                  |                                     |                       |    |                 |    |                                |             |   |                   |  |
| providing for remittances to the<br>Treasury  |         | _       |    | 1,677            |                                     | _                     |    | 1,677           |    | 1,677                          |             | _   |                   | 1,677  |
| Consolidated variable interest  |         |         |    | 2,0              |                                     |                       |    | 2,0             |    | 2,0                            |             |   |                   | 2,0  |
| entities: Income, net   |         | _       |    | 86               |                                     | _                     |    | 86              |    | 86                             |             | 1,038   |                   | 1,124  |
| Other comprehensive loss  |         | -       |    | -                |                                     | (276)                 |    | (276)           |    | (276)                          |             | _   |                   | (276   |
| Dividends on capital stock Consolidated variable interest entities:                             |         | _       |    | (1,487)          |                                     | _                     |    | (1,487)         |    | (1,487)                        |             | _   |                   | (1,487   |
| Non-controlling interest—capital  |         |         |    |                  |                                     |                       |    |                 |    |                                |             |   |                   |  |
| contribution (distribution)   |         | -       |    | -                |                                     | -                     |    | -               |    | _                              |             | (7,908)                                       |                   | (7,908   |
| Consolidated variable interest entities:<br>Non-controlling interest—(earnings<br>distribution) |         | _       |    | _                |                                     | _                     |    | _               |    | _                              |             | (192)   |                   | (192   |
| Net change in Reserve Bank capital  |         |         |    |                  |                                     |                       |    |                 |    |                                |             | . , ,   |                   | -  |
| and non-controlling interest  |         | 1,051   |    | 276              |                                     | (276)                 |    |                 |    | 1,051                          |             | (7,062)                                       |                   | (6,011   |
| Balance at December 31, 2023<br>(721,291,939 shares of Reserve Bank                             | \$      | 36,065  | ¢  | 8,021            | ф                                   | (1.006)               | ¢  | 6 70E           | ¢  | 42,850                         | ¢           | 8,529   | ¢                 | 51,379   |
| capital stock)  Net change in capital stock issued  | φ       | 30,000  | \$ | 0,021            | \$                                  | (1,236)               | Φ  | 6,785           | \$ | 42,630                         | \$          | 0,329   | \$                | 31,378   |
| (5,855,260 shares) Comprehensive income:  |         | 292     |    | -                |                                     | _                     |    | -               |    | 292                            |             | -   |                   | 293  |
| Reserve Bank net income after   |         |         |    |                  |                                     |                       |    |                 |    |                                |             |   |                   |  |
| providing for remittances to the  |         |         |    | 440              |                                     |                       |    | 440             |    | 440                            |             |   |                   |  |
| Treasury  |         | _       |    | 442              |                                     | _                     |    | 442             |    | 442                            |             | _   |                   | 44:  |
| Consolidated variable interest<br>entities: Loss, net   |         | _       |    | (22)             |                                     | _                     |    | (22)            |    | (22)                           |             | (141)   |                   | (163   |
| Other comprehensive loss  |         | _       |    | _                |                                     | (21)                  |    | (21)            |    | (21)                           |             | _   |                   | (21  |
| Dividends on capital stock  |         | _       |    | (399)            |                                     | -                     |    | (399)           |    | (399)                          |             | _   |                   | (399   |
| Consolidated variable interest entities:  |         |         |    |                  |                                     |                       |    |                 |    |                                |             |   |                   |  |
| Non-controlling interest—capital contribution (distribution)                                    |         | _       |    | _                |                                     | _                     |    | _               |    | _                              |             | _   |                   | _  |
| Consolidated variable interest entities:  |         |         |    |                  |                                     |                       |    |                 |    |                                |             |   |                   |  |
| Non-controlling interest—(earnings distribution)  |         | _       |    | _                |                                     | _                     |    | _               |    | _                              |             | (233)   |                   | (233   |
| Net change in Reserve Bank capital  |         | 202     |    | 21               |                                     | (21)                  |    |                 |    | 202                            |             | -   |                   |  |
| and non-controlling interest  Balance at March 31, 2024   |         | 292     |    | 21               |                                     | (21)                  |    |                 |    | 292                            |             | (374)   |                   | (82  |
| 3alance at March 31, 2024<br>(727,147,199 shares of Reserve                                     |         |         |    |                  |                                     |                       |    |                 |    |                                |             |   |                   |  |
| Bank capital stock)   | \$ :    | 36,357  | \$ | 8,042            | \$                                  | (1,257)               | ¢  | 6,785           | ¢  | 43,142                         | ¢           | 8,155   | ¢                 | 51,297   |

## **Supplemental Financial Information**

## (1) Loans

#### **Loans to Depository Institutions**

The Board of Governors authorized the Reserve Banks to offer primary, secondary, and seasonal credit extensions to eligible borrowers under section 10B of the Federal Reserve Act (FRA). Primary loans provide discount window credit for periods up to 90 days, secondary loans are extended on a short-term basis, typically overnight, and seasonal loans may be extended for a period of up to nine months.

#### **Other Loans**

The Board of Governors authorized the Bank Term Funding Program (BTFP) under section 13(3) of the FRA to offer advances up to one year in length to banks, savings associations, credit unions, and other eligible depository institutions that pledged any collateral eligible for purchase in open market operations, such as Treasury securities, government-sponsored enterprise (GSE) debt, and federal agency and GSE MBS, to help assure eligible institutions had the ability to meet the needs of all their depositors. The Treasury, using the Exchange Stabilization Fund, made available \$25 billion as credit protection to the BTFP. The BTFP's authority to extend new loans ended March 11, 2024.

The Board of Governors authorized the Paycheck Protection Program Liquidity Facility (PPPLF) under section 13(3) of the FRA to support the flow of credit to households and businesses. The PPPLF program extended credit to eligible financial institutions that participate in the Small Business Administration's (SBA) Paycheck Protection Program, taking the loans as collateral at face value. The PPPLF's authority to extend new loans ended July 30, 2021.

The amounts outstanding at March 31, 2024, and December 31, 2023, for loans to depository institutions and other loans were as follows (in millions):

| Table 1. Loans to depository institutions and other loans (in millions) |                |                   |
|---|----------------|-------------------|
|   | March 31, 2024 | December 31, 2023 |
| Loans to depository institutions  |                |                   |
| Primary, secondary, and seasonal credit                                 | \$<br>6,781    | \$<br>3,473       |
| Other loans   |                |                   |
| BTFP  | 130,872        | 129,178           |
| PPPLF   | 3,049          | 3,450             |
| Total other loans   | 133,921        | 132,628           |
| Total loans   | \$<br>140,702  | \$<br>136,101     |
|   |                |                   |

The remaining maturity distribution of loans to depository institutions and other loans outstanding as of March 31, 2024, and December 31, 2023, was as follows:

|   | Dorfor | ming and                |    |                  | Remair                | ning | maturity            |                        |               |
|---|--------|-------------------------|----|------------------|-----------------------|------|---------------------|------------------------|---------------|
|   |        | Performing and past due |    | Within<br>5 days | 16 days to<br>90 days |      | 1 days to<br>1 year | r 1 year to<br>5 years | Total         |
| March 31, 2024                          |        |                         |    |                  |                       |      |                     |                        |               |
| Loans to depository institutions        |        |                         |    |                  |                       |      |                     |                        |               |
| Primary, secondary, and seasonal credit | \$     | -                       | \$ | 2,208            | \$<br>4,573           | \$   | _                   | \$<br>_                | \$<br>6,781   |
| Other loans                             |        |                         |    |                  |                       |      |                     |                        |               |
| BTFP                                    |        | -                       |    | 4,193            | 15,931                |      | 110,748             | _                      | 130,872       |
| PPPLF <sup>1</sup>                      |        | 3                       |    | _                | _                     |      | _                   | 3,046                  | 3,049         |
| Total other loans                       |        | 3                       |    | 4,193            | 15,931                |      | 110,748             | 3,046                  | 133,921       |
| Total loans                             | \$     | 3                       | \$ | 6,401            | \$<br>20,504          | \$   | 110,748             | \$<br>3,046            | \$<br>140,702 |
| December 31, 2023                       |        |                         |    |                  |                       |      |                     |                        |               |
| Loans to depository institutions        |        |                         |    |                  |                       |      |                     |                        |               |
| Primary, secondary, and seasonal credit | \$     | -                       | \$ | 1,821            | \$<br>1,652           | \$   | _                   | \$<br>_                | \$<br>3,473   |
| Other loans                             |        |                         |    |                  |                       |      |                     |                        |               |
| BTFP                                    |        | -                       |    | 269              | 41,593                |      | 87,316              | _                      | 129,178       |
| PPPLF <sup>1</sup>                      |        | 4                       |    | _                | _                     |      | _                   | 3,446                  | 3,450         |
| Total loans                             | \$     | 4                       | \$ | 2,090            | \$<br>43,245          | \$   | 87,316              | \$<br>3,446            | \$<br>136,101 |

Effective January 1, 2023, the Board adopted the current expected credit losses (CECL) methodology in accordance with the FASB ASU 2016-13, Financial Instruments – Credit Losses (Topic 326): Measurement of Credit losses on Financial Instruments. Loans to depository institutions and other loans are within the scope of the zero-loss assumption under CECL. At March 31, 2024, and December 31, 2023, the Reserve Banks had no loans that were past due and determined to be non-performing, or on non-accrual status. No allowance for credit losses was required.

## (2) System Open Market Account (SOMA) Holdings

Treasury securities, federal agency and GSE MBS, and GSE debt securities are reported at amortized cost in the Combined statements of condition. SOMA portfolio holdings at March 31, 2024, and December 31, 2023, were as follows:

|  |    |               | Ma | rch 31, 2024 |    |  |    | 1             | Dece | ember 31, 2023 | 3   |  |
|--|----|---------------|----|--------------|----|--|----|---------------|------|----------------|-----|--|
|  | An | nortized cost |    | Fair value   | un | Cumulative<br>realized gains<br>losses), net | Ar | nortized cost |      | Fair value     | unr | Cumulative<br>ealized gains<br>osses), net |
| Treasury securities                                  |    |               |    |              |    |  |    |               |      |                |     |  |
| Bills  | \$ | 192,881       | \$ | 192,883      | \$ | 2  | \$ | 214,231       | \$   | 214,361        | \$  | 130  |
| Notes  |    | 2,735,835     |    | 2,533,202    |    | (202,633)                                    |    | 2,891,337     |      | 2,695,476      |     | (195,861                                   |
| Bonds  |    | 1,883,375     |    | 1,450,175    |    | (433,200)                                    |    | 1,882,759     |      | 1,493,246      |     | (389,513)                                  |
| Total Treasury securities                            | \$ | 4,812,091     | \$ | 4,176,260    | \$ | (635,831)                                    | \$ | 4,988,327     | \$   | 4,403,083      | \$  | (585,244                                   |
| Federal agency and GSE MBS                           |    |               |    |              |    |  |    |               |      |                |     |  |
| Residential  | \$ | 2,427,812     | \$ | 2,018,416    | \$ | (409,396)                                    | \$ | 2,472,419     | \$   | 2,110,439      | \$  | (361,980)                                  |
| Commercial   |    | 8,857         |    | 7,437        |    | (1,420)                                      |    | 8,917         |      | 7,552          |     | (1,365                                     |
| Total federal agency and GSE MBS                     | \$ | 2,436,669     | \$ | 2,025,853    | \$ | (410,816)                                    | \$ | 2,481,336     | \$   | 2,117,991      | \$  | (363,345                                   |
| GSE debt securities                                  |    | 2,550         |    | 2,656        |    | 106  |    | 2,557         |      | 2,703          |     | 146  |
| Total domestic SOMA portfolio<br>securities holdings | \$ | 7,251,310     | \$ | 6,204,769    | \$ | (1,046,541)                                  | \$ | 7,472,220     | \$   | 6,523,777      | \$  | (948,443                                   |
| Memorandum—Commitments for purchases of:             |    |               |    |              |    |  |    |               |      |                |     |  |
| Treasury securities <sup>1</sup>                     | \$ | 798           | \$ | 798          | \$ | -  | \$ | 1,109         | \$   | 1,109          | \$  | _  |
| Federal agency and GSE MBS <sup>1</sup>              |    | 20            |    | 20           |    | _  |    | -             |      | _              |     | -  |
| Memorandum—Commitments for sales of:                 |    |               |    |              |    |  |    |               |      |                |     |  |
| Treasury securities <sup>2</sup>                     | \$ | _             | \$ | _            | \$ | _  | \$ | _             | \$   | _              | \$  | _  |
| Federal agency and GSE MBS <sup>2</sup>              |    | (53)          |    | (53)         |    | _  |    | _             |      | _              |     | _  |

The following table provides additional information on the amortized cost and fair values of the federal agency and GSE MBS portfolio at March 31, 2024, and December 31, 2023:

| Table 4. Detail of federa | al agency and GS | E MBS holdings: | distrib | oution of MBS holdi | ngs b | y coupon rate  |       |            |
|---------------------------|------------------|-----------------|---------|---------------------|-------|----------------|-------|------------|
|                           |                  | March 3         | 1, 202  | 4                   |       | Decembe        | 31, 2 | 023        |
|                           | Ar               | nortized cost   |         | Fair value          |       | Amortized cost |       | Fair value |
| Residential               |                  |                 |         |                     |       |                |       |            |
| 1.50%                     | \$               | 151,663         | \$      | 124,191             | \$    | 154,792        | \$    | 128,765    |
| 2.00%                     |                  | 946,997         |         | 755,614             |       | 962,071        |       | 790,360    |
| 2.50%                     |                  | 677,246         |         | 554,835             |       | 689,649        |       | 580,166    |
| 3.00%                     |                  | 283,696         |         | 246,051             |       | 290,035        |       | 258,706    |
| 3.50%                     |                  | 186,369         |         | 167,402             |       | 190,382        |       | 175,155    |
| 4.00%                     |                  | 116,196         |         | 107,263             |       | 118,593        |       | 111,917    |
| 4.50%                     |                  | 48,690          |         | 46,509              |       | 49,673         |       | 48,326     |
| 5.00%                     |                  | 14,447          |         | 14,055              |       | 14,741         |       | 14,552     |
| 5.50%                     |                  | 1,967           |         | 1,954               |       | 1,990          |       | 1,994      |
| 6.00%                     |                  | 409             |         | 409                 |       | 372            |       | 375        |
| 6.50%                     |                  | 132             |         | 133                 |       | 121            |       | 123        |
| Total                     | \$               | 2,427,812       | \$      | 2,018,416           | \$    | 2,472,419      | \$    | 2,110,439  |
| Commercial                |                  |                 |         |                     |       |                |       |            |
| 1.00%-1.50%               | \$               | 90              | \$      | 72                  | \$    | 91             | \$    | 72         |
| 1.51%-2.00%               |                  | 428             |         | 333                 |       | 432            |       | 340        |
| 2.01%-2.50%               |                  | 987             |         | 801                 |       | 995            |       | 814        |
| 2.51%-3.00%               |                  | 1,342           |         | 1,120               |       | 1,350          |       | 1,135      |
| 3.01%-3.50%               |                  | 2,830           |         | 2,379               |       | 2,842          |       | 2,412      |
| 3.51%-4.00%               |                  | 2,927           |         | 2,521               |       | 2,953          |       | 2,564      |
| 4.01%-4.50%               |                  | 253             |         | 211                 |       | 254            |       | 215        |
| Total                     | \$               | 8,857           | \$      | 7,437               | \$    | 8,917          | \$    | 7,552      |
| Total MBS                 | \$               | 2,436,669       | \$      | 2,025,853           | \$    | 2,481,336      | \$    | 2,117,991  |

The Federal Reserve Bank of New York (FRBNY) may engage in purchases of securities under agreements to resell (repurchase agreements) with primary dealers and eligible counterparties (repo operations) and foreign official account holders under the Foreign and International Monetary Authorities (FIMA) Repo Facility. The FRBNY may also engage in sales of securities under agreements to repurchase (reverse repurchase agreements) with primary dealers and with a set of expanded counterparties that includes banks, savings associations, GSEs, and domestic money market funds. Reverse repurchase agreements may also be executed with foreign official and international account holders as part of a service offering. Financial information related to repurchase agreements and reverse repurchase agreements at March 31, 2024, and December 31, 2023, was as follows:

| Table 5. Repurchase agreements and reverse repurchase agreements (in millions) |                |                   |
|--|----------------|-------------------|
|  | March 31, 2024 | December 31, 2023 |
| Repurchase agreements conducted with   |                |                   |
| Primary dealers and expanded counterparties:                                   |                |                   |
| Contract amount outstanding, end of period                                     | \$<br>3        | \$<br>-           |
| FIMA Repo Facility:  |                |                   |
| Contract amount outstanding, end of period                                     | -              | -                 |
| Total repurchase agreement contract amount outstanding, end of period          | \$<br>3        | \$<br>_           |
| Reverse repurchase agreements conducted with                                   |                |                   |
| Primary dealers and expanded counterparties:                                   |                |                   |
| Contract amount outstanding, end of period                                     | \$<br>594,428  | \$<br>1,018,483   |
| Securities pledged (par value), end of period                                  | 666,877        | 1,098,844         |
| Securities pledged (fair value), end of period                                 | 587,443        | 1,008,344         |
| Foreign official and international accounts:                                   |                |                   |
| Contract amount outstanding, end of period                                     | 382,337        | 372,188           |
| Securities pledged (par value), end of period                                  | 404,339        | 451,042           |
| Securities pledged (fair value), end of period                                 | 382,420        | 372,278           |
| Total reverse repurchase agreement contract amount outstanding, end of period  | \$<br>976,765  | \$<br>1,390,671   |

The remaining maturity distribution of Treasury securities, federal agency and GSE MBS, GSE debt securities, repurchase agreements, and reverse repurchase agreements at March 31, 2024, and December 31, 2023, was as follows:

|   | \  | Vithin 15<br>days | 6 days to<br>90 days | 9  | 1 days to<br>1 year | ver 1 year<br>o 5 years | er 5 years<br>10 years | Over 10 years   | Total           |
|---|----|-------------------|----------------------|----|---------------------|-------------------------|------------------------|-----------------|-----------------|
| March 31, 2024:   |    |                   |                      |    |                     |                         |                        |                 |                 |
| Treasury securities (par value)                                   | \$ | 97,888            | \$<br>229,430        | \$ | 557,183             | \$<br>1,520,154         | \$<br>701,225          | \$<br>1,508,461 | \$<br>4,614,341 |
| Federal agency and GSE residential MBS (par value) <sup>1</sup>   |    | _                 | _                    |    | 29                  | 2,986                   | 27,074                 | 2,350,151       | 2,380,240       |
| Federal agency and GSE commercial MBS (par value) <sup>1</sup>    |    | _                 | _                    |    | _                   | 2,535                   | 3,081                  | 2,579           | 8,195           |
| GSE debt securities (par value)                                   |    | _                 | _                    |    | _                   | _                       | 2,347                  | _               | 2,347           |
| Securities purchased under agreements to resell (contract amount) |    | 3                 | _                    |    | _                   | _                       | _                      | _               | 3               |
| Securities sold under agreements to repurchase (contract amount)  |    | 976,765           | _                    |    | _                   | _                       | _                      | _               | 976,765         |
| December 31, 2023:  |    |                   |                      |    |                     |                         |                        |                 |                 |
| Treasury securities (par value)                                   | \$ | 79,323            | \$<br>219,514        | \$ | 594,436             | \$<br>1,614,977         | \$<br>771,726          | \$<br>1,505,162 | \$<br>4,785,138 |
| Federal agency and GSE residential MBS (par value) <sup>1</sup>   |    | _                 | _                    |    | 23                  | 2,920                   | 28,909                 | 2,391,693       | 2,423,545       |
| Federal agency and GSE commercial MBS (par value) <sup>1</sup>    |    | _                 | _                    |    | _                   | 1,975                   | 3,441                  | 2,812           | 8,228           |
| GSE debt securities (par value)                                   |    | _                 | _                    |    | _                   | _                       | 2,347                  | _               | 2,347           |
| Securities purchased under agreements to resell (contract amount) |    | _                 | _                    |    | _                   | _                       | _                      | _               | =               |
| Securities sold under agreements to repurchase (contract amount)  |    | 1,390,671         | _                    |    | _                   | _                       | _                      | _               | 1,390,671       |

Federal agency and GSE residential MBS (RMBS) and commercial MBS (CMBS) are reported at stated maturity in table 6. The estimated weighted-average life of these securities differs from the stated maturity in table 6 primarily because it factors in scheduled payments and prepayment assumptions. The estimated weighted-average life of RMBS and CMBS as of March 31, 2024, and December 31, 2023, was as follows:

| Table 6a. Estimated weighted-average life of residential and commercial MBS (in years) |                |                   |
|--|----------------|-------------------|
|  | March 31, 2024 | December 31, 2023 |
| RMBS   | 8.7            | 8.7               |
| CMBS   | 6.4            | 6.6               |

Information about transactions related to Treasury securities, federal agency and GSE MBS, and GSE debt securities held in the SOMA during the three months ended March 31, 2024, and during the year ended December 31, 2023, is summarized as follows:

|  | Bills         | Notes           | Bonds           | Total Treasury securities |
|--|---------------|-----------------|-----------------|---------------------------|
| Balance at December 31, 2022                             | \$<br>286,585 | \$<br>3,564,863 | \$<br>1,877,799 | \$<br>5,729,247           |
| Purchases <sup>1</sup>                                   | 644,351       | 167,315         | 35,904          | 847,570                   |
| Sales <sup>1</sup>                                       | -             | (175)           | (76)            | (251)                     |
| Realized gains (losses), net <sup>2</sup>                | -             | (9)             | (22)            | (31)                      |
| Principal payments and maturities                        | (729,215)     | (834,160)       | (26,907)        | (1,590,282)               |
| Amortization of premiums and accretion of discounts, net | 12,510        | (14,708)        | (10,907)        | (13,105)                  |
| Inflation adjustment on inflation-indexed securities     | -             | 8,211           | 6,968           | 15,179                    |
| Subtotal of activity                                     | (72,354)      | (673,526)       | 4,960           | (740,920)                 |
| Balance at December 31, 2023                             | \$<br>214,231 | \$<br>2,891,337 | \$<br>1,882,759 | \$<br>4,988,327           |
| Purchases <sup>1</sup>                                   | 113,250       | 14,483          | 2,919           | 130,652                   |
| Sales <sup>1</sup>                                       | -             | (30)            | (16)            | (46)                      |
| Realized gains (losses), net <sup>2</sup>                | _             | (6)             | (1)             | (7)                       |
| Principal payments and maturities                        | (137,329)     | (167,576)       | _               | (304,905)                 |
| Amortization of premiums and accretion of discounts, net | 2,729         | (2,973)         | (2,827)         | (3,071)                   |
| Inflation adjustment on inflation-indexed securities     | <br>          | 600             | 541             | 1,141                     |
| Subtotal of activity                                     | (21,350)      | (155,502)       | 616             | (176,236)                 |
| Balance at March 31, 2024                                | \$<br>192,881 | \$<br>2,735,835 | \$<br>1,883,375 | \$<br>4,812,091           |
| Year-ended December 31, 2023                             |               |                 |                 |                           |
| Supplemental information—par value of transactions       |               |                 |                 |                           |
| Purchases <sup>3</sup>                                   | \$<br>656,660 | \$<br>168,024   | \$<br>36,482    | \$<br>861,166             |
| Sales  | _             | (184)           | (94)            | (278)                     |
| Three months ended March 31, 2024                        |               |                 |                 |                           |
| Supplemental information—par value of transactions       |               |                 |                 |                           |
| Purchases <sup>3</sup>                                   | \$<br>115,502 | \$<br>14,536    | \$<br>2,978     | \$<br>133,016             |
| Sales  | _             | (35)            | (15)            | (50)                      |

<sup>&</sup>lt;sup>1</sup> Purchases and sales may include payments and receipts related to principal, premiums, discounts, and inflation compensation adjustments to the basis of inflation-indexed securities.

 $<sup>^{2}</sup>$  Realized gains (losses), net is the offset of the amount of realized gains and losses included in the reported sales amount.

<sup>&</sup>lt;sup>3</sup> Includes inflation compensation.

|  | Res | sidential MBS | Comi | mercial MBS | I federal agency<br>and GSE MBS | GSE ( | lebt securities |
|--|-----|---------------|------|-------------|---------------------------------|-------|-----------------|
| Balance at December 31, 2022                             | \$  | 2,688,280     | \$   | 9,303       | \$<br>2,697,583                 | \$    | 2,584           |
| Purchases <sup>1</sup>                                   |     | 600           |      | _           | 600                             |       | -               |
| Sales <sup>1</sup>                                       |     | (359)         |      | -           | (359)                           |       | -               |
| Realized gains (losses), net <sup>2</sup>                |     | (56)          |      | _           | (56)                            |       | -               |
| Principal payments and maturities                        |     | (209,687)     |      | (266)       | (209,953)                       |       | -               |
| Amortization of premiums and accretion of discounts, net |     | (6,359)       |      | (120)       | (6,479)                         |       | (27             |
| Subtotal of activity                                     |     | (215,861)     |      | (386)       | (216,247)                       |       | (27             |
| Balance at December 31, 2023                             | \$  | 2,472,419     | \$   | 8,917       | \$<br>2,481,336                 | \$    | 2,557           |
| Purchases <sup>1</sup>                                   |     | 130           |      | _           | 130                             |       | -               |
| Sales <sup>1</sup>                                       |     | -             |      | _           | _                               |       | -               |
| Realized gains (losses), net <sup>2</sup>                |     | -             |      | _           | _                               |       | -               |
| Principal payments and maturities                        |     | (43,434)      |      | (33)        | (43,467)                        |       | -               |
| Amortization of premiums and accretion of discounts, net |     | (1,303)       |      | (27)        | (1,330)                         |       | (7              |
| Subtotal of activity                                     |     | (44,607)      |      | (60)        | (44,667)                        |       | (7              |
| Balance at March 31, 2024                                | \$  | 2,427,812     | \$   | 8,857       | \$<br>2,436,669                 | \$    | 2,550           |
| Year-ended December 31, 2023                             |     |               |      |             |                                 |       |                 |
| Supplemental information—par value of transactions       |     |               |      |             |                                 |       |                 |
| Purchases  | \$  | 600           | \$   | _           | \$<br>600                       | \$    | -               |
| Sales  |     | (276)         |      | _           | (276)                           |       | -               |
| Three months ended March 31, 2024                        |     |               |      |             |                                 |       |                 |
| Supplemental information—par value of transactions       |     |               |      |             |                                 |       |                 |
| Purchases  | \$  | 129           | \$   | _           | \$<br>129                       | \$    | -               |
| Sales  |     | _             |      | _           | _                               |       | _               |

¹ Purchases and sales may include payments and receipts related to principal, premiums, and discounts. The amount reported as sales includes the realized gains and losses on such transactions. Purchases and sales exclude MBS TBA transactions that are settled on a net basis.

Information about foreign currency denominated investments recorded at amortized cost and valued at foreign currency market exchange rates held in the SOMA at March 31, 2024, and December 31, 2023, was as follows:

| Table 8. Foreign currency denominated investments (in millions) |                |                   |
|---|----------------|-------------------|
|   | March 31, 2024 | December 31, 2023 |
| Euro:   |                |                   |
| Foreign currency deposits                                       | \$<br>8,596    | \$<br>8,388       |
| French government debt instruments                              | 1,733          | 1,829             |
| Dutch government debt instruments                               | 1,041          | 1,070             |
| German government debt instruments                              | 357            | 668               |
| Japanese yen:   |                |                   |
| Foreign currency deposits                                       | 5,757          | 6,333             |
| Japanese government debt instruments                            | 423            | 299               |
| Total   | \$<br>17,907   | \$<br>18,587      |

<sup>&</sup>lt;sup>2</sup> Realized gains (losses), net is the offset of the amount of realized gains and losses included in the reported sales amount.

The remaining maturity distribution of foreign currency denominated investments at March 31, 2024, and December 31, 2023, was as follows:

| Table 9. Maturity distr | ibutic | on of foreign c   | urre | ncy denominat         | ed ii                | nvestments |                        |       |                             |     |              |
|-------------------------|--------|-------------------|------|-----------------------|----------------------|------------|------------------------|-------|-----------------------------|-----|--------------|
|                         |        | Within<br>15 days |      | 16 days to<br>90 days | 91 days to<br>1 year |            | Over 1 year to 5 years |       | Over 5 years to<br>10 years |     | Total        |
| March 31, 2024          |        |                   |      |                       |                      |            |                        |       |                             |     |              |
| Euro                    | \$     | 8,525             | \$   | 100                   | \$                   | 100        | \$                     | 2,785 | \$                          | 217 | \$<br>11,727 |
| Japanese yen            |        | 5,757             |      | 72                    |                      | 349        |                        | 2     |                             | _   | 6,180        |
| Total                   | \$     | 14,282            | \$   | 172                   | \$                   | 449        | \$                     | 2,787 | \$                          | 217 | \$<br>17,907 |
| December 31, 2023       |        |                   |      |                       |                      |            |                        |       |                             |     |              |
| Euro                    | \$     | 8,624             | \$   | 113                   | \$                   | 61         | \$                     | 2,935 | \$                          | 222 | \$<br>11,955 |
| Japanese yen            |        | 6,333             |      | -                     |                      | 297        |                        | 2     |                             | _   | 6,632        |
| Total                   | \$     | 14,957            | \$   | 113                   | \$                   | 358        | \$                     | 2,937 | \$                          | 222 | \$<br>18,587 |

At March 31, 2024, and December 31, 2023, the fair value of foreign currency denominated investments held in the SOMA was \$17,693 million and \$18,389 million, respectively.

Because of the global character of bank funding markets, the Federal Reserve System has, at times, coordinated with other central banks to provide liquidity. The Federal Open Market Committee (FOMC) authorized and directed the FRBNY to maintain standing U.S. dollar liquidity swap arrangements with the Bank of Canada, the Bank of England, the Bank of Japan, the European Central Bank, and the Swiss National Bank in order to provide U.S. dollar liquidity to foreign markets. Effective March 20, 2023, the Bank of Canada, the Bank of England, the European Central Bank, the Swiss National Bank, and the Federal Reserve announced a coordinated effort to enhance the provision of liquidity through the standing U.S. dollar liquidity lines that increased the frequency of seven day maturity operations from weekly to daily. At the end of April 2023, the daily operations reverted back to weekly.

Euros of \$187 million and \$1,357 million held in the SOMA under U.S. dollar liquidity swaps matured within 15 days at March 31, 2024 and December 31, 2023, respectively.

The following table presents the realized gains (losses) and the change in the cumulative unrealized gains (losses) related to SOMA domestic securities holdings held in the SOMA during the periods ended March 31, 2024, and March 31, 2023:

| Table 10. Realized gains (losses) (in millions) | and change in unrealize                      | d gain (loss) position                                      |  |   |  |  |  |  |  |
|---|--|---|--|---|--|--|--|--|--|
|   | Three months ende                            | ed March 31, 2024   | Three months ended March 31, 2023            |   |  |  |  |  |  |
|   | Realized gains (losses), net <sup>1, 2</sup> | Change in cumulative unrealized gains (losses) <sup>3</sup> | Realized gains (losses), net <sup>1, 2</sup> | Change in cumulative unrealized gains (losses) <sup>3</sup> |  |  |  |  |  |
| Treasury securities                             | \$ (7)                                       | \$ (50,587)   | \$ (6)                                       | \$ 130,814  |  |  |  |  |  |
| Federal agency and GSE MBS                      |  |   |  |   |  |  |  |  |  |
| Residential                                     | _  | (47,416)  | (1)  | 38,535  |  |  |  |  |  |
| Commercial                                      |  | (55)  |  | 179   |  |  |  |  |  |
| Total federal agency and GSE MBS                | _  | (47,471)  | (1)  | 38,714  |  |  |  |  |  |
| GSE debt securities                             |  | (40)  |  | 50  |  |  |  |  |  |
| Total   | \$ (7)                                       | \$ (98,098)   | \$ (7)                                       | \$ 169,578  |  |  |  |  |  |

<sup>&</sup>lt;sup>1</sup> Realized gains (losses) for Treasury securities are reported in "Other items of income (loss): System Open Market Account: Treasury securities (losses), net" in the Combined statements of operations.

## (3) Consolidated Variable Interest Entities (VIEs)

In response to the coronavirus pandemic that began in 2020, the Board of Governors authorized several lending facilities under section 13(3) of the FRA to support the flow of credit to households and businesses. The combined financial statements include the accounts and result of operations of the consolidated VIEs formed to administer certain lending facilities. A Reserve Bank consolidates a VIE if it has a controlling financial interest. The Reserve Bank that is a controlling member extended a loan to the VIE under the authority of section 13(3) of the FRA. Intercompany balances and transactions are eliminated in consolidation. Pursuant to the Coronavirus Aid, Relief, and Economic Security Act (CARES Act), the Treasury provided credit protection to a limited liability company (LLC) and is a non-controlling member of MS Facilities LLC (Main Street). The assets of the VIE and the amounts provided by the Treasury as credit protection are used to secure the loan from the Reserve Bank.

Main Street supported small and medium-sized businesses and nonprofit organizations in sound financial condition before the onset of the pandemic through the purchase of loan participations. Main Street's authority to purchase assets ended on January 8, 2021. Semiannually, Main Street returns a portion of the Treasury's equity investment, as reported in tables 13a and 13b.

Municipal Liquidity Facility LLC (MLF) purchased municipal notes to support lending to state, city, and county governments, certain multistate entities, and other issuers of municipal securities. Term Asset-Backed Securities Loan Facility II (TALF II) supported the flow of credit to consumers and businesses by

<sup>&</sup>lt;sup>2</sup> Realized gains (losses) for federal agency and GSE MBS are reported in "Other items of income (loss): System Open Market Account: Federal agency and government-sponsored enterprise mortgage-backed securities (losses), net" in the Combined statements of operations.

<sup>&</sup>lt;sup>3</sup> Because SOMA securities are recorded at amortized cost, the change in the cumulative unrealized gains (losses) is not reported in the Combined statements of operations.

enabling issuance of asset-backed securities that were backed by student loans, auto loans, credit card loans, loans guaranteed by the SBA, and certain other assets. The authority for MLF and TALF II to purchase assets ended December 31, 2020. At December 31, 2023, there were no municipal note holdings in MLF and all loans were repaid in TALF II. As of February 23, 2024, all holdings of MLF and TALF II were liquidated, final obligations were satisfied, and final distributions of proceeds were made to the FRBNY and the Treasury. On March 4, 2024, MLF and TALF II were terminated.

The classification of assets and liabilities of the consolidated VIEs as of March 31, 2024, and December 31, 2023, respectively, are as follows:

|  |                        | Mai    | n Street |
|--|------------------------|--------|----------|
| As of March 31, 2024:  |                        |        |          |
| Assets   |                        |        |          |
| Cash and cash equivalents <sup>1</sup>   | \$                     | \$     | 1,522    |
| Short-term investments in non-marketable securities <sup>2</sup>   |                        |        | 6,733    |
| Loan participations <sup>3</sup>   |                        |        | 6,035    |
| Total assets, net  | \$                     | \$     | 14,290   |
| Liabilities  | _                      |        | 34       |
| Net assets and liabilities   | \$                     | \$     | 14,256   |
| <ul> <li><sup>1</sup> Includes \$222 million of cash equivalents and \$1,300 million of cash at March 31, 2024</li> <li><sup>2</sup> Represents the portion of the Treasury preferred equity contribution to the credit facilities, securities at amortized cost and the related earnings on those investments.</li> </ul> |                        | n-mark | etable   |
| <sup>3</sup> Reported at principal amount outstanding, net of allowance, charge-offs, and recoveries at  | nd including interest. |        |          |

| Table 11b. Net portfolio assets and liabilities o                |    |             |           |          |              |
|--|----|-------------|-----------|----------|--------------|
|  | IV | lain Street | MLF       | TALF II  | Total        |
| As of December 31, 2023:   |    |             |           |          |              |
| Assets   |    |             |           |          |              |
| Cash and cash equivalents <sup>1</sup>                           | \$ | 1,981       | \$<br>213 | \$<br>46 | \$<br>2,240  |
| Short-term investments in non-marketable securities <sup>2</sup> |    | 6,791       | _         | _        | 6,791        |
| Loan participations <sup>3</sup>                                 |    | 7,067       | _         | _        | 7,067        |
| Total assets, net  | \$ | 15,839      | \$<br>213 | \$<br>46 | \$<br>16,098 |
| Liabilities  |    | 52          | _         | _        | 52           |
| Net assets and liabilities                                       | \$ | 15,787      | \$<br>213 | \$<br>46 | \$<br>16,046 |

 $<sup>^{1}</sup>$  Includes \$1,006 million of cash equivalents and \$1,234 million of cash at December 31, 2023.

Effective January 1, 2023, Main Street adopted the CECL methodology in accordance with FASB ASU 2016-13, Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments and an immaterial amount was recorded to increase credit losses. Under the CECL methodology, loan participations with similar risks are collectively assessed for expected credit losses

<sup>&</sup>lt;sup>2</sup> Represents the portion of the Treasury preferred equity contribution to the credit facilities, which are held as short-term investments in non-marketable securities at amortized cost and the related earnings on those investments.

<sup>&</sup>lt;sup>3</sup> Reported at principal amount outstanding, net of allowance, charge-offs, and recoveries and including interest.

whereas loan participations with different risks are individually assessed. The principal exposure of loan participations in non-accrual status as of March 31, 2024, and December 31, 2023, was \$1.7 billion and \$1.3 billion, respectively. The evaluation of loan participations purchased by Main Street, including those in non-accrual status, resulted in recording a credit loss allowance of \$1.1 billion and \$0.8 billion as of March 31, 2024, and December 31, 2023, respectively. Main Street realized principal and interest losses, net of subsequent recoveries, of \$126.6 million and \$23.4 million for charge-offs during the periods ended March 31, 2024, and March 31, 2023, respectively. In certain cases, when a borrower experiences significant financial difficulties and is unable to meet its financial obligations, modifications to contractual terms may be approved that would not otherwise have been approved if the loan were performing. The balance of modified loan participations totaled \$668.8 million and \$460.0 million as of March 31, 2024, and December 31, 2023, respectively.

The maturity distribution of major asset categories in the consolidated VIEs net portfolio holdings, which have set maturity terms is as follows:

| Table 12. Maturity distribution of major a (in millions) | asse | t categories of   | cor | isolidated VIEs       |                      |                           |       |              |  |
|--|------|-------------------|-----|-----------------------|----------------------|---------------------------|-------|--------------|--|
|  |      |                   |     |                       |                      |                           |       |              |  |
|  |      | Within<br>15 days |     | 16 days to<br>90 days | 91 days to<br>1 year | Over 1 year to<br>5 years |       | Total        |  |
| March 31, 2024   |      |                   |     |                       |                      |                           |       |              |  |
| Cash equivalents   | \$   | 222               | \$  | _                     | \$<br>-              | \$                        | -     | \$<br>222    |  |
| Short-term investments in non-marketable securities      |      | 6,733             |     | _                     | -                    |                           | -     | 6,733        |  |
| Loan participations                                      |      |                   |     | _                     | -                    |                           | 6,035 | 6,035        |  |
| Total  | \$   | 6,955             | \$  | _                     | \$<br>_              | \$                        | 6,035 | \$<br>12,990 |  |
| December 31, 2023  |      |                   |     |                       |                      |                           |       |              |  |
| Cash equivalents   | \$   | 1,006             | \$  | _                     | \$<br>-              | \$                        | -     | \$<br>1,006  |  |
| Short-term investments in non-marketable securities      |      | 6,791             |     | _                     | -                    |                           | -     | 6,791        |  |
| Loan participations                                      |      | -                 |     | _                     | _                    |                           | 7,067 | 7,067        |  |
| Total  | \$   | 7,797             | \$  |                       | \$<br>_              | \$                        | 7,067 | \$<br>14,864 |  |

The following tables present information related to the portfolio holdings of the VIEs and the funding provided by the Reserve Bank and Treasury, as of March 31, 2024, and December 31, 2023, respectively.

|  |    |            | March 3      | 1, 20 | )24      |             |
|--|----|------------|--------------|-------|----------|-------------|
|  | Ma | ain Street | MLF          |       | TALF II  | Total       |
|  |    |            |              |       |          |             |
| Outstanding amount of facility assets  | \$ | 6,035      | \$<br>-      | \$    | _        | \$<br>6,03  |
| Treasury contribution, including deposits and non-marketable Treasury securities <sup>1</sup>  |    | 8,002      | -            |       | _        | 8,00        |
| Other assets and liabilities, net  |    | 219        | _            |       | _        | <br>21      |
| Unconsolidated variable interest entities: Assets available to pay Reserve<br>Bank loans and Treasury non-controlling interests, net | \$ | 14,256     | \$<br>-      | \$    | _        | \$<br>14,25 |
| Reserve Bank funding:  |    |            |              |       |          |             |
| Loans outstanding  | \$ | 6,070      | \$<br>_      | \$    | _        | \$<br>6,07  |
| Plus: Outstanding interest accrued   |    | 21         | _            |       | _        | 2           |
| Total controlling interests outstanding  | \$ | 6,091      | \$<br>-      | \$    | _        | \$<br>6,09  |
| Non-controlling interest:  |    |            |              |       |          |             |
| Non-controlling interest—capital contribution  | \$ | 37,500     | \$<br>17,500 | \$    | 10,000   | \$<br>65,00 |
| Return of non-controlling interest—capital contribution  |    | (30,062)   | (17,500)     |       | (10,000) | <br>(57,56  |
| Non-controlling interest—Treasury capital contributions  | \$ | 7,438      | \$<br>-      | \$    | _        | \$<br>7,43  |
| Excess of net unconsolidated VIE assets  | \$ | 727        | \$<br>_      | \$    | _        | \$<br>72    |
| Allocated to non-controlling Treasury interest   |    | 717        | _            |       | _        | 71          |
| Allocated to Reserve Banks   |    | 10         | -            |       | -        | 1           |
| Consolidated variable interest entities: Non-controlling interest  | \$ | 8,155      | \$<br>-      | \$    | -        | \$<br>8,15  |
| Memo: Earnings distribution <sup>2</sup>   | \$ | _          | \$<br>213    | \$    | 46       | \$<br>25    |
| Non-controlling Treasury interest  |    | _          | 192          |       | 41       | 23          |
| Reserve Banks  |    | _          | 21           |       | 5        | 2           |

<sup>2</sup> Represents distribution of cumulative LLC earnings upon wind down in accordance with the LLC's legal agreements.

|   |    |            |    | December | 31, | 2023     |    |         |
|---|----|------------|----|----------|-----|----------|----|---------|
|   | Ma | ain Street |    | MLF      |     | TALF II  |    | Total   |
| Outstanding amount of facility and  | •  | 7.067      | Φ. |          | Φ.  |          | Φ. | 7.06    |
| Outstanding amount of facility assets   | \$ | 7,067      | \$ | _        | \$  | _        | \$ | 7,97    |
| Treasury contribution, including deposits and non-marketable Treasury securities <sup>t</sup> Other assets and liabilities, net |    | 743        |    | 213      |     | 46       |    | •       |
| Unconsolidated variable interest entities: Assets available to pay Reserve  |    | 143        | _  | 213      |     | 40       |    | 1,002   |
| Bank loans and Treasury non-controlling interests, net  | \$ | 15,787     | \$ | 213      | \$  | 46       | \$ | 16,046  |
| Reserve Bank funding:   |    |            |    |          |     |          |    |         |
| Loans outstanding   | \$ | 7,434      | \$ | _        | \$  | _        | \$ | 7,434   |
| Plus: Outstanding interest accrued  |    | 23         |    | _        |     | _        |    | 23      |
| Total controlling interests outstanding   | \$ | 7,457      | \$ | _        | \$  | _        | \$ | 7,457   |
| Non-controlling interest:   |    |            |    |          |     |          |    |         |
| Non-controlling interest—capital contribution   | \$ | 37,500     | \$ | 17,500   | \$  | 10,000   | \$ | 65,000  |
| Return of non-controlling interest—capital contribution   |    | (30,062)   |    | (17,500) |     | (10,000) |    | (57,562 |
| Non-controlling interest—Treasury capital contributions   | \$ | 7,438      | \$ | _        | \$  | _        | \$ | 7,438   |
| Excess of net unconsolidated VIE assets   | \$ | 892        | \$ | 213      | \$  | 46       | \$ | 1,151   |
| Allocated to non-controlling Treasury interest  |    | 858        |    | 192      |     | 41       |    | 1,09    |
| Allocated to Reserve Banks  |    | 34         |    | 21       |     | 5        |    | 60      |
| Consolidated variable interest entities: Non-controlling interest   | \$ | 8,296      | \$ | 192      | \$  | 41       | \$ | 8,529   |
| Memo: Earnings distribution <sup>2</sup>  | \$ | _          | \$ | 144      | \$  | 48       | \$ | 192     |
| Non-controlling Treasury interest   |    | _          |    | 144      |     | 48       |    | 192     |
| Reserve Banks   |    | _          |    | -        |     | _        |    | -       |

The allocation of the excess of net unconsolidated VIE assets is determined in accordance with the limited liability company agreement for each entity. The hypothetical liquidation basis of valuation (HLBV) is applied in determining the allocation. Under the HLBV, the hypothetical liquidation of the VIE at book value forms the basis for allocating income or loss and net assets between its controlling and non-controlling interest holders.

## (4) Federal Reserve Notes

Federal Reserve notes are the circulating currency of the United States. These notes, which are identified as issued to a specific Reserve Bank, must be fully collateralized. All of the Reserve Banks' assets are eligible to be pledged as collateral. At March 31, 2024, and December 31, 2023, all Federal Reserve notes, net, were fully collateralized.

## (5) Depository Institution Deposits

Depository institutions' deposits primarily represents balances maintained in master accounts and excess balance accounts held by the depository institutions at the Reserve Banks.

## (6) Treasury Deposits

The Treasury holds deposits at the Reserve Banks in a general account pursuant the Reserve Banks' role as fiscal agent and depositary of the United States.

## (7) Capital and Surplus

The FRA requires that each member bank subscribe to the capital stock of the Reserve Bank in an amount equal to 6 percent of the capital and surplus of the member bank. These shares have a par value of \$100 and may not be transferred or hypothecated. As a member bank's capital and surplus changes, its holdings of Reserve Bank stock must be adjusted. Currently, only one-half of the subscription is paid in, and the remainder is subject to call. A member bank is liable for Reserve Bank liabilities up to twice the par value of stock subscribed by it.

The FRA requires each Reserve Bank to pay each member bank an annual dividend on paid-in capital stock. By law member banks with more than \$10 billion of total consolidated assets, adjusted annually for inflation, receive a dividend on paid-in capital stock equal to the smaller of 6 percent or the rate equal to the high yield of the 10-year Treasury note auctioned at the last auction held prior to the payment of the dividend. Member banks with \$10 billion or less of total consolidated assets, adjusted annually for inflation, receive a dividend on paid-in capital stock equal to 6 percent. The dividend is paid semiannually and is cumulative.

The FRA limits aggregate Reserve Bank surplus to \$6.785 billion.

The Treasury equity contribution to the consolidated VIEs is reported as an element of "Consolidated variable interest entities formed to administer credit and liquidity facilities: Non-controlling interest" in the Combined statements of condition. The reported amount also includes Treasury's allocated portion of undistributed net VIE assets as of March 31, 2024, determined in accordance with VIE agreements and accounting policies adopted by the VIEs.

## (8) Income and Expense

#### (A) Loans to Depository Institutions and Other Loans

Interest income on primary, secondary, and seasonal loans is accrued using the applicable rate for each loan type established at least every 14 days by the Reserve Banks' boards of directors, subject to review and determination by the Board of Governors. For other credit extensions, which included outstanding

loans to depository institutions that were subsequently placed in FDIC receivership (including depository institutions established by the FDIC), interest income was accrued at 100 basis points above the primary credit rate. Interest income on advances made under the BTFP and PPPLF is accrued using the applicable rate as outlined by the term sheets of the respective programs. Interest income on outstanding BTFP loans extended to a depository institution that was subsequently placed in FDIC receivership is accrued at 100 basis points above the applicable BTFP rate. Prior to December 31, 2023, all loans extended to depository institutions that were subsequently placed in FDIC receivership (including depository institutions established by the FDIC) were fully repaid.

Supplemental information on interest income on loans and other loans is as follows:

|  | Three months e | ended March 31, 2024 | Three months e | ended March 31, 2023 |
|--|----------------|----------------------|----------------|----------------------|
| Interest income:                               |                |                      |                |                      |
| Primary, secondary, seasonal, and other credit | \$             | 38                   | \$             | 778                  |
| BTFP <sup>1</sup>                              |                | 1,857                |                | 94                   |
| PPPLF <sup>2</sup>                             |                | 3                    |                | 9                    |
| Total interest income                          | \$             | 1,898                | \$             | 881                  |
| Average daily loan balance:                    |                |                      |                |                      |
| Primary, secondary, seasonal, and other credit | \$             | 2,837                | \$             | 65,250               |
| BTFP <sup>1</sup>                              |                | 157,872              |                | 43,538               |
| PPPLF <sup>2</sup>                             |                | 3,240                |                | 10,884               |
| Average interest rate:                         |                |                      |                |                      |
| Primary, secondary, seasonal, and other credit |                | 5.50 %               |                | 4.84 %               |
| BTFP <sup>1</sup>                              |                | 4.77 %               |                | 4.13 %               |
| PPPLF <sup>2</sup>                             |                | 0.35 %               |                | 0.35 %               |

#### (B) SOMA Holdings

The amount reported as interest income on SOMA portfolio holdings includes the amortization of premiums and discounts. Supplemental information on interest income on SOMA portfolio holdings is as follows:

| (in millions)  |                |                     |              |                      |
|--|----------------|---------------------|--------------|----------------------|
|  | Three months e | nded March 31, 2024 | Three months | ended March 31, 2023 |
| Interest income:   |                |                     |              |                      |
| Securities purchased under agreements to resell            |                | *                   | \$           | 99                   |
| Treasury securities, net                                   |                | 23,120              |              | 23,979               |
| Federal agency and GSE MBS, net                            |                | 13,742              |              | 14,852               |
| GSE debt securities, net                                   |                | 33                  |              | 33                   |
| Foreign currency denominated investments, net <sup>1</sup> |                | 84                  |              | 41                   |
| Central bank liquidity swaps                               |                | 3                   |              | 5                    |
| Total interest income                                      | \$             | 36,982              | \$           | 39,009               |
| Average daily balance:                                     |                |                     |              |                      |
| Securities purchased under agreements to resell            | \$             | 3                   | \$           | 8,170                |
| Treasury securities, net <sup>2</sup>                      |                | 4,878,712           |              | 5,612,072            |
| Federal agency and GSE MBS, net <sup>3</sup>               |                | 2,463,027           |              | 2,677,270            |
| GSE debt securities, net <sup>2</sup>                      |                | 2,553               |              | 2,581                |
| Foreign currency denominated investments, net <sup>4</sup> |                | 18,157              |              | 18,644               |
| Central bank liquidity swaps <sup>5</sup>                  |                | 244                 |              | 406                  |
| Average interest rate:                                     |                |                     |              |                      |
| Securities purchased under agreements to resell            |                | 5.50 %              |              | 4.85 %               |
| Treasury securities, net                                   |                | 1.90 %              |              | 1.73 %               |
| Federal agency and GSE MBS, net                            |                | 2.23 %              |              | 2.22 %               |
| GSE debt securities, net                                   |                | 5.11 %              |              | 5.10 %               |
| Foreign currency denominated investments, net              |                | 1.85 %              |              | 0.90 %               |
| Central bank liquidity swaps                               |                | 5.58 %              |              | 4.79 %               |

<sup>&</sup>lt;sup>1</sup> As a result of negative interest rates on certain foreign currency denominated investments held in the SOMA, interest income on foreign currency denominated investments, net contains negative interest of \$2 million and \$2 million for the three months ended March 31, 2024 and 2023, respectively.

 $<sup>^{2}</sup>$  Face value, net of unamortized premiums and discounts.

<sup>&</sup>lt;sup>3</sup> Guaranteed by Fannie Mae, Freddie Mac, and Ginnie Mae. Current face value of the securities, which is the remaining principal balance of the securities, net of premiums and discounts.

<sup>&</sup>lt;sup>4</sup> Foreign currency denominated investments are revalued daily at market exchange rates.

<sup>&</sup>lt;sup>5</sup> Dollar value of foreign currency held under these agreements valued at the exchange rate to be used when the foreign currency is returned to the foreign central bank. This exchange rate equals the market exchange rate used when the foreign currency was acquired from the foreign central bank.

<sup>\*</sup> Less than \$500 thousand.

Supplemental information on interest expense on securities sold under agreement to repurchase (reverse repurchase agreements) is as follows:

| Table 16. Interest expense on securities sold to (in millions)  | under agreement to repurch       | ase                          |                 |                              |
|---|----------------------------------|------------------------------|-----------------|------------------------------|
|   | Three months                     | ended March 31, 2024         | Three mont      | hs ended March 31, 2023      |
| Interest expense:   |                                  |                              |                 |                              |
| Primary dealers and expanded counterparties <sup>1</sup>        | \$                               | 7,402                        | \$              | 24,015                       |
| Foreign official and international accounts <sup>2</sup>        |                                  | 4,621                        |                 | 4,043                        |
| Total interest expense  | \$                               | 12,023                       | \$              | 28,058                       |
| Average daily balance:  |                                  |                              |                 |                              |
| Primary dealers and expanded counterparties <sup>1</sup>        | \$                               | 552,473                      | \$              | 2,140,887                    |
| Foreign official and international accounts <sup>2</sup>        |                                  | 344,930                      |                 | 360,481                      |
| Average Interest rate:  |                                  |                              |                 |                              |
| Primary dealers and expanded counterparties <sup>1</sup>        |                                  | 5.30 %                       |                 | 4.49 %                       |
| Foreign official and international accounts <sup>2</sup>        |                                  | 5.30 %                       |                 | 4.49 %                       |
| <sup>1</sup> Overnight and term reverse repurchase agreements a | rranged as open market operation | ons are settled through a se | t of expanded o | counterparties that includes |

Overnight and term reverse repurchase agreements arranged as open market operations are settled through a set of expanded counterparties that includes banks, savings associations, GSEs, and domestic money market funds.

#### (C) Consolidated Variable Interest Entities (VIEs)

The combined financial statements include the accounts and results of operations of consolidated VIEs formed under the authority of section 13(3) of the FRA (note 3). Net income and losses from operations of the consolidated VIEs are reported as "Consolidated variable interest entities: (Loss) income, net" in the Combined statements of operations. The portion of consolidated VIE net income and loss that is allocated to the non-controlling interests is reported as "Consolidated variable interest entities: Non-controlling interest loss (income), net" in the Combined statements of operations. Prior to the liquidation of MLF and TALF II holdings on February 23, 2024, an immaterial amount of interest income was earned on the cash equivalents.

<sup>&</sup>lt;sup>2</sup> Reverse repurchase agreements are entered into as part of a service offering to foreign official and international account holders.

Supplemental information on consolidated VIE income is as follows:

| Table 17a. Net operating income (loss) of the consolidated VIE  |             |
|---|-------------|
|   | Main Street |
| Three months ended March 31, 2024   |             |
| Interest income <sup>1</sup>  | \$<br>236   |
| Other items of income (loss):   |             |
| Fees  | 7           |
| Provision for loan losses   | (390)       |
| Realized (loss) on sale of portfolio investments  | (5)         |
| Total other items of income (loss)  | <br>(388)   |
| Less: Expenses <sup>2</sup>   | 11          |
| Net income (loss) attributable to consolidated VIEs   | \$<br>(163) |
| Allocated to non-controlling Treasury interest  | \$<br>(141) |
| Allocated to Reserve Bank   | \$<br>(22)  |
| $^1$ Recorded when earned and includes amortization of premiums and accretion of discounts. $^2$ Includes fees, participation loan servicing costs, and other expenses. | _           |

|   | Main Street |      | MLF |    | TALF II |    | Total |     |
|---|-------------|------|-----|----|---------|----|-------|-----|
| Three months ended March 31, 2023                   |             |      |     |    |         |    |       |     |
| Interest income <sup>1</sup>                        | \$          | 286  | \$  | 33 | \$      | 22 | \$    | 341 |
| Other items of income (loss):                       |             |      |     |    |         |    |       |     |
| Fees  |             | 10   |     | _  |         | -  |       | 10  |
| Provision for loan losses                           |             | 33   |     | _  |         | -  |       | 33  |
| Realized (loss) on sale of portfolio investments    |             | (18) |     | _  |         | -  |       | (18 |
| Total other items of income (loss)                  |             | 25   |     | _  |         | -  |       | 25  |
| Less: Expenses <sup>2</sup>                         |             | 12   |     | _  |         | -  |       | 12  |
| Net income (loss) attributable to consolidated VIEs | \$          | 299  | \$  | 33 | \$      | 22 | \$    | 354 |
| Allocated to non-controlling Treasury interest      | \$          | 297  | \$  | 31 | \$      | 10 | \$    | 338 |
| Allocated to Reserve Banks                          | \$          | 2    | \$  | 2  | \$      | 12 | \$    | 16  |

## (D) Depository Institution Deposits

Depository institutions earn interest at the interest of reserve balance (IORB) rate. The Board of Governors sets the IORB rate at a rate not to exceed the general level of short-term interest rates and has the

discretion to change the IORB rate at any time. Effective March 23, 2023, May 4, 2023, and July 27, 2023, the FOMC increased the established target range for the federal funds rate.

The Reserve Banks also offer term deposits through the Term Deposit Facility, and all depository institutions that are eligible to receive interest on their balances at the Reserve Banks may participate in the term deposit program. The interest rate paid on these deposits is determined by auction.

#### (E) Operating Expenses

The Reserve Banks have established procedures for budgetary control and monitoring of operating expenses as part of their efforts to ensure appropriate stewardship and accountability. Reserve Bank and Board governance bodies provide budget guidance for major functional areas for the upcoming budget year. The Board's Committee on Federal Reserve Bank Affairs (BAC) reviews the Banks' budgets, and the BAC chair submits the budgets to Board members for review and final action. Throughout the year, Reserve Bank and Board staff monitor actual performance and compare it with approved budgets and forecasts.

Additional information regarding Reserve Bank operating expenses is available each year in the Annual Report of the Board of Governors of the Federal Reserve System at https://www.federalreserve.gov/publications/annual-report.htm, and on the Audit webpage of the Board's website at https://www.federalreserve.gov/regreform/audit.htm.

#### (F) Reconciliation of Total Distribution of Comprehensive Income and Treasury Remittances

The Reserve Banks remitted excess earnings to the Treasury periodically during 2023 and during the first quarter of 2024. At March 31, 2024, Treasury remittances are reported as "Earnings remittances to the Treasury, net" in the Combined statements of operations. In the fall of 2022, the Reserve Banks first suspended weekly remittances to the Treasury because earnings shifted from excess to less than the costs of operations, payment of dividends, and reservation of surplus. The Reserve Banks began accumulating a deferred asset, which represents the net accumulation of costs in excess of earnings and is reported as "Deferred asset—remittances to the Treasury" in the Combined statements of condition. The deferred asset is the amount of net excess earnings the Reserve Banks will need to realize in the future before remittances to the Treasury resume. This deferred asset is periodically reviewed for impairment and no impairment existed as of March 31, 2024.

The following table presents the distribution of the System's total comprehensive income as of March 31, 2024, and March 31, 2023:

|  | Marc | March 31, 2024 |    | March 31, 2023 |  |
|--|------|----------------|----|----------------|--|
| Reserve Bank and consolidated variable interest entity net loss before providing for remittances to the Treasury | \$   | (26,369)       | \$ | (27,713        |  |
| Other comprehensive loss   |      | (21)           |    | (10            |  |
| Total comprehensive loss—available for distribution  | \$   | (26,390)       | \$ | (27,723        |  |
| Distribution of comprehensive income (loss):   |      |                |    |                |  |
| Dividends  | \$   | 399            | \$ | 335            |  |
| Remittances transferred to the Treasury  |      | 272            |    | 73             |  |
| Deferred asset increase <sup>1</sup>   |      | (27,061)       |    | (28,131        |  |
| Earnings remittances to the Treasury, net  |      | (26,789)       |    | (28,058        |  |
| Total distribution of comprehensive loss   | \$   | (26,390)       | \$ | (27,723        |  |

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