

# 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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## **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 September 30, 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.

ussets dold certificates pecial drawing rights certificates poin  oans:  Loans to depository institutions Other loans yetem Open Market Account:  Securities purchased under agreements to resell Treasury securities, net (of which \$35,815 and \$47,388 is lent as of September 30, 2024, and December 31, 2023, respectively)  Federal agency and government-sponsored enterprise mortgage-backed securities, net Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024, and December 31, 2023)	ete 1	Septer \$	11,037 10,200	Dece	ember 31, 2023
old certificates pecial drawing rights certificates oin oans:  Loans to depository institutions Other loans ystem Open Market Account: Securities purchased under agreements to resell Treasury securities, net (of which \$35,815 and \$47,388 is lent as of September 30, 2024, and December 31, 2023, respectively) Federal agency and government-sponsored enterprise mortgage-backed securities, net Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,		\$	,		
pecial drawing rights certificates oin  oans:  Loans to depository institutions Other loans ystem Open Market Account: Securities purchased under agreements to resell Treasury securities, net (of which \$35,815 and \$47,388 is lent as of September 30, 2024, and December 31, 2023, respectively) Federal agency and government-sponsored enterprise mortgage-backed securities, net Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,		\$	,		
To consider the consist of the consi			10.200	\$	11,037
Loans to depository institutions Other loans Other loans  ystem Open Market Account: Securities purchased under agreements to resell Treasury securities, net (of which \$35,815 and \$47,388 is lent as of September 30, 2024, and December 31, 2023, respectively) Federal agency and government-sponsored enterprise mortgage-backed securities, net Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,			10,200		5,200
Loans to depository institutions Other loans ystem Open Market Account: Securities purchased under agreements to resell Treasury securities, net (of which \$35,815 and \$47,388 is lent as of September 30, 2024, and December 31, 2023, respectively) Federal agency and government-sponsored enterprise mortgage-backed securities, net Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,			1,509		1,423
Other loans  ystem Open Market Account:  Securities purchased under agreements to resell  Treasury securities, net (of which \$35,815 and \$47,388 is lent as of September 30, 2024, and December 31, 2023, respectively)  Federal agency and government-sponsored enterprise mortgage-backed securities, net  Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,					
ystem Open Market Account:  Securities purchased under agreements to resell  Treasury securities, net (of which \$35,815 and \$47,388 is lent as of September 30, 2024, and December 31, 2023, respectively)  Federal agency and government-sponsored enterprise mortgage-backed securities, net  Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,			2,785		3,473
Securities purchased under agreements to resell Treasury securities, net (of which \$35,815 and \$47,388 is lent as of September 30, 2024, and December 31, 2023, respectively) Federal agency and government-sponsored enterprise mortgage-backed securities, net Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,			78,335		132,628
Treasury securities, net (of which \$35,815 and \$47,388 is lent as of September 30, 2024, and December 31, 2023, respectively)  Federal agency and government-sponsored enterprise mortgage-backed securities, net  Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,	te 2				
2023, respectively)  Federal agency and government-sponsored enterprise mortgage-backed securities, net  Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,			2,600		_
Federal agency and government-sponsored enterprise mortgage-backed securities, net Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,					
Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,			4,551,693		4,988,327
Government-sponsored enterprise debt securities, net (of which \$0 and \$0 is lent as of September 30, 2024,			2,327,321		2,481,336
			2,02.,021		2, 102,000
			2,536		2,557
Foreign currency denominated investments, net			18,892		18,587
Central bank liquidity swaps			157		1,357
Accrued interest receivable			29,307		32,357
Other assets			_		1
onsolidated variable interest entities: Assets held, net (including \$236 and \$1,006 measured at fair value as of September 30, 2024, and December 31, 2023, respectively)	te 3		10,381		16,098
repaid pension benefit costs			812		998
ther accrued interest receivable			2,621		2,544
ank premises and equipment, net			3,006		2,897
ems in process of collection			76		69
eferred asset—remittances to the Treasury			200,346		133,318
ther assets			1,355		1,352
Total assets	:	\$	7,254,969	\$	7,835,559
labilities and capital					
ederal Reserve notes outstanding, net Not	te 4	\$	2,299,940	\$	2,297,050
ystem Open Market Account:					
Securities sold under agreements to repurchase Not	te 2		900,044		1,390,671
Other liabilities			122		614
eposits:					
Depository institutions Not	te 5		2,924,521		3,134,759
Treasury, general account	te 6		885,725		768,590
Other deposits			185,845		187,222
nterest payable to depository institutions and others			5,377		2,020
onsolidated variable interest entities: Other liabilities Not	te 3		31		52
ccrued benefit costs			2,103		2,035
eferred credit items			754		624
ther liabilities			1,089		543
Total liabilities			7,205,551		7,784,180
eserve Bank capital Not	te 7				
Capital paid-in		\$	36,656	\$	36,065
Surplus (including accumulated other comprehensive loss of \$1,300 and \$1,236 at September 30, 2024, and December 31, 2023, respectively)			6,785		6,785
Total Reserve Bank capital	•		43,441		42,850
·	te 3		5,977		8,529
Total Reserve Bank capital and consolidated variable interest entities non-controlling interest	•		49,418		51,379
Total liabilities and capital		Ś	7.254.969	Ś	7,835,559

			Three mor	nths end	led		Nine mon	ths en	ded
		Sep	tember 30, 2024	Sep	tember 30, 2023	Sep	tember 30, 2024	Sep	tember 30, 2023
nterest income									
Loans:	Note 8(A)								
Loans to depository institutions		\$	52	\$	2,039	\$	179	\$	5,87
Other loans	Note O(D)		1,215		1,440		4,473		2,66
System Open Market Account:	Note 8(B)		1		1		1		10
Securities purchased under agreements to resell Treasury securities, net			23,650		26,809		76,557		19 80,57
Federal agency and government-sponsored enterprise mortgage-			23,030		20,009		10,551		00,31
backed securities, net			12,918		13,944		39,932		43,12
Government-sponsored enterprise debt securities, net			33		33		98		9
Foreign currency denominated investments, net			87		66		256		16
Central bank liquidity swaps			2		3		7		1
Total interest income		\$	37,958	<u>s</u>	44,335	Ś	121,503	Ś	132,72
nterest expense		<u> </u>	01,000	<u> </u>	1.,000	<u> </u>		<u> </u>	
System Open Market Account:	Note 8(B)								
Securities sold under agreements to repurchase		\$	10,223	\$	26,634	\$	33,139	\$	86,57
Depository institutions and others	Note 8(D)		46,942		46,052		145,653		127,96
Total interest expense	. ,	\$	57,165	\$	72,686	\$	178,792	\$	214,53
Net interest income (expense)		\$	(19,207)	\$	(28,351)	\$	(57,289)	\$	(81,81
ther items of income (loss)									
System Open Market Account:									
Treasury securities losses, net		\$	(20)	\$	(21)	\$	(33)	\$	(3
Federal agency and government-sponsored enterprise mortgage-									
backed securities losses, net			(23)		(12)		(53)		(2
Foreign currency translation gains (losses), net			1,195		(581)		(11)		(96
Other			11		15		31		9
Income from services			132		126		392		37
Reimbursable services to government agencies			215		195		633		58
Other components of net benefit costs			93		35		278		16
Other			10		10		31		3
Total other items of income (loss)		\$	1,613	\$	(233)	\$	1,268	\$	22
Operating expenses	Note 8(E)								
Salaries and benefits		\$	969	\$	966	\$	2,919	\$	2,90
System pension service cost			159		146		466		41
Occupancy			88		80		249		23
Equipment			68		61		189		18
Other			344		304		978		90
Assessments:			004		507		4.000		4.50
Board of Governors operating expenses and currency costs			634		567		1,902		1,52
Bureau of Consumer Financial Protection			25	\$	60	_	414	\$	40
Total operating expenses		\$		<u> </u>	2,184	\$		<u> </u>	6,57
Reserve Bank net loss from operations Consolidated variable interest entities: Income, net	Note 0(0)		(19,881)		(30,768)		(63,138)		(88,15
•	Note 8(C)		146		426		164		1,13
Consolidated variable interest entities: Non-controlling income, net	Note 8(C)		(135)		(385)		(161)		(1,04
Reserve Bank and consolidated variable interest entities net loss before providing remittances to the Treasury			(19,870)		(30,727)		(63,135)		(88,05
Earnings remittances to the Treasury, net			(20,306)		(31,095)		(64,439)		(89,15
Net income after providing for remittances to the Treasury			436		368		1,304		1,09
Change in prior service costs related to benefit plans			(11)		(6)		(34)		(1
Change in actuarial losses related to benefit plans			(10)		(10)		(30)		(2
Total other comprehensive loss			(21)		(16)		(64)		(4
Comprehensive income		\$	415	Ś	352	\$	1,240	Ś	1,05

			Re	serve Bank capita	I		Consolidated	Total	Reserve Bank	
				Surplus		<b>-</b>	variable		pital and	
	Capital paid-in	Net income retained		Accumulated other comprehensive income (loss)	Total surplus	Total Reserve Bank capital	interest entities: Non- controlling interest	consolidated variable interest entities non- controlling intere		
Balance at December 31, 2022 (700,281,542 shares of Reserve Bank 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 Treasury	_		1,677	_	1,677	1,677	_		1,677	
Consolidated variable interest entities: Income, net	_		86	_	86	86	1,038		1,124	
Other comprehensive loss Dividends on capital stock Consolidated variable interest entities: Non-controlling	- -		– (1,487)	(276) —	(276) (1,487)	(276) (1,487)	- -		(276 (1,487	
interest—capital contribution (distribution)	_		_	_	_	_	(7,908)		(7,908	
Consolidated variable interest entities: Non-controlling interest—(earnings 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 (721,291,939 shares of Reserve Bank capital stock)	\$ 36,065	\$	8,021	\$ (1,236)	\$ 6,785	\$ 42,850	\$ 8,529	\$	51,379	
Net change in capital stock issued (11,828,227 shares)	591		-	_	_	591	-		591	
Comprehensive income: Reserve Bank net income after providing for remittances to the Treasury	_		1,301	_	1,301	1,301	_		1,301	
Consolidated variable interest entities: Income, net	_		3	_	3	3	161		164	
Other comprehensive loss Dividends on capital stock Consolidated variable interest entities: Non-controlling	- -		_ (1,240)	(64) —	(64) (1,240)	(64) (1,240)	- -		(64 (1,240	
interest—capital contribution (distribution)	_		_	_	_	_	(2,480)		(2,480	
Consolidated variable interest entities: Non-controlling interest—(earnings distribution)	_		_	-	_	_	(233)		(233	
Net change in Reserve Bank capital and non-controlling interest	591		64	(64)	_	591	(2,552)		(1,961	
Balance at September 30, 2024 (733,120,166 shares of Reserve Bank capital stock)	\$ 36,656	\$	8,085	\$ (1,300)	\$ 6,785	\$43,441	\$ 5,977	\$	49,418	

## **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 September 30, 2024, and December 31, 2023, for loans to depository institutions and other loans were as follows (in millions):

(in millions)		
	September 30, 2024	December 31, 2023
Loans to depository institutions		
Primary, secondary, and seasonal credit	\$ 2,785	\$ 3,473
Other loans		
BTFP	76,037	129,178
PPPLF	2,298	3,450
Total other loans	 78,335	132,628
Total loans	\$ 81,120	\$ 136,101

The remaining maturity distribution of loans to depository institutions and other loans outstanding as of September 30, 2024, and December 31, 2023, was as follows:

		erforming and	Remaining maturity								
	"	past due		Within		6 days to	9	1 days to		r 1 year to	Total
			1	5 days		90 days		1 year	,	5 years	
September 30, 2024											
Loans to depository institutions											
Primary, secondary, and seasonal credit	\$	_	\$	2,119	\$	666	\$	_	\$	_	\$ 2,78
Other loans											
BTFP		-		33		6,737		69,267		_	76,03
PPPLF <sup>1</sup>		1		-		_		413		1,884	2,298
Total other loans	_	1		33		6,737		69,680		1,884	78,33
Total loans	\$	1	\$	2,152	\$	7,403	\$	69,680	\$	1,884	\$ 81,120
December 31, 2023	_										
Loans to depository institutions											
Primary, secondary, and seasonal credit	\$	-	\$	1,821	\$	1,652	\$	_	\$	_	\$ 3,473
Other loans											
ВТГР		-		269		41,593		87,316		_	129,178
PPPLF <sup>1</sup>		4		_		-		_		3,446	3,450
Total other loans		4		269		41,593		87,316		3,446	132,628
Total loans	\$	4	\$	2,090	\$	43,245	\$	87,316	\$	3,446	\$ 136,101

Effective January 1, 2023, the Board of Governors adopted the current expected credit losses (CECL) methodology in accordance with the Financial Accounting Standards Board (FASB) Accounting Standards Update 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 September 30, 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 September 30, 2024, and December 31, 2023, were as follows:

Table 3. Domestic SOMA portfolio ho	oldir	ngs										
			Sept	ember 30, 202	4				Dec	ember 31, 202	3	
	An	nortized cost		Fair value	uni	Cumulative realized gains losses), net	Aı	nortized cost		Fair value	uni	Cumulative realized gains losses), net
Treasury securities												
Bills	\$	193,213	\$	193,452	\$	239	\$	214,231	\$	214,361	\$	130
Notes		2,459,544		2,331,239		(128,305)		2,891,337		2,695,476		(195,861)
Bonds		1,898,936		1,523,343		(375,593)		1,882,759		1,493,246		(389,513)
Total Treasury securities	\$	4,551,693	\$	4,048,034	\$	(503,659)	\$	4,988,327	\$	4,403,083	\$	(585,244)
Federal agency and GSE MBS												
Residential	\$	2,318,606	\$	2,004,767	\$	(313,839)	\$	2,472,419	\$	2,110,439	\$	(361,980)
Commercial		8,715		7,621		(1,094)		8,917		7,552		(1,365)
Total federal agency and GSE MBS	\$	2,327,321	\$	2,012,388	\$	(314,933)	\$	2,481,336	\$	2,117,991	\$	(363,345)
GSE debt securities		2,536		2,711		175		2,557		2,703		146
Total domestic SOMA portfolio securities holdings	\$	6,881,550	\$	6,063,133	\$	(818,417)	\$	7,472,220	\$	6,523,777	\$	(948,443)
Memorandum—Commitments for purchases of:												
Treasury securities <sup>1</sup>	\$	10,025	\$	10,022	\$	(3)	\$	1,109	\$	1,109	\$	_
Federal agency and GSE MBS <sup>1</sup>		75		75		-		_		_		-
Memorandum—Commitments for sales of:												
Treasury securities <sup>2</sup>	\$	-	\$	_	\$	-	\$	_	\$	_	\$	_
Federal agency and GSE MBS <sup>2</sup>				_		_				_		_
$^{\rm 1}$ The amortized cost columns present unse $^{\rm 2}$ The amortized cost columns present unse		•										

The following table provides additional information on the amortized cost and fair values of the federal agency and GSE MBS portfolio held in the SOMA at September 30, 2024, and December 31, 2023:

Table 4. Detail of federa (in millions)	al agency and GS	E MBS holdings:	distrib	ution of MBS holdi	n of MBS holdings by coupon rate  December 31, 2023							
		Septembe	r 30, 20	24		Decembe	r 31, 2	023				
	An	mortized cost Fair value				Amortized cost		Fair value				
Residential												
1.50%	\$	144,427	\$	122,629	\$	154,792	\$	128,765				
2.00%		909,155		755,695		962,071		790,360				
2.50%		646,130		552,001		689,649		580,166				
3.00%		268,910		242,313		290,035		258,706				
3.50%		177,057		164,724		190,382		175,155				
4.00%		110,517		105,684		118,593		111,917				
4.50%		46,240		45,554		49,673		48,326				
5.00%		13,701		13,682		14,741		14,552				
5.50%		1,881		1,888		1,990		1,994				
6.00%		431		438		372		375				
6.50%		157		159		121		123				
Total	\$	2,318,606	\$	2,004,767	\$	2,472,419	\$	2,110,439				
Commercial												
1.00%-1.50%	\$	90	\$	75	\$	91	\$	72				
1.51%-2.00%		422		344		432		340				
2.01%-2.50%		973		820		995		814				
2.51%-3.00%		1,317		1,143		1,350		1,135				
3.01%-3.50%		2,797		2,453		2,842		2,412				
3.51%-4.00%		2,866		2,568		2,953		2,564				
4.01%-4.50%		250		218		254		215				
Total	\$	8,715	\$	7,621	\$	8,917	\$	7,552				
Total MBS	\$	2,327,321	\$	2,012,388	\$	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 held in the SOMA at September 30, 2024, and December 31, 2023, was as follows:

Table 5. Repurchase agreements and reverse repurchase agreements		
	September 30, 2024	December 31, 2023
Repurchase agreements conducted with		
Primary dealers and expanded counterparties:		
Contract amount outstanding, end of period	\$ 2,600	\$ =
FIMA Repo Facility:		
Contract amount outstanding, end of period	-	-
Total repurchase agreement contract amount outstanding, end of period	\$ 2,600	\$ 
Reverse repurchase agreements conducted with		
Primary dealers and expanded counterparties:		
Contract amount outstanding, end of period	\$ 465,638	\$ 1,018,483
Securities pledged (par value), end of period	500,593	1,098,844
Securities pledged (fair value), end of period	464,587	1,008,344
Foreign official and international accounts:		
Contract amount outstanding, end of period	434,406	372,188
Securities pledged (par value), end of period	510,875	451,042
Securities pledged (fair value), end of period	434,131	372,278
Total reverse repurchase agreement contract amount outstanding, end of period	\$ 900,044	\$ 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 September 30, 2024, and December 31, 2023, was as follows:

	W	Within 15 days				Within 15 16 days to days 90 days		•	91 days to 1 year			ver 1 year o 5 years	Over 5 years to 10 years		Over 10 years	Total
September 30, 2024:																
Treasury securities (par value)	\$	31,734	\$	200,390	\$	543,244	\$	1,469,528	\$	591,930	\$ 1,527,531	\$ 4,364,35				
Federal agency and GSE residential MBS (par value) <sup>1</sup>		_		_		16		3,070		20,857	2,250,028	2,273,97				
Federal agency and GSE commercial MBS (par value) <sup>1</sup>		_		_		_		3,007		3,404	1,696	8,10				
GSE debt securities (par value)		_		_		_		486		1,861	_	2,34				
Securities purchased under agreements to resell (contract amount)		2,600		_		_		_		_	_	2,600				
Securities sold under agreements to repurchase (contract amount)		900,044		_		_		_		_	_	900,04				
December 31, 2023:																
Treasury securities (par value)	\$	79,323	\$	219,514	\$	594,436	\$	1,614,977	\$	771,726	\$ 1,505,162	\$ 4,785,13				
Federal agency and GSE residential MBS (par value) <sup>1</sup>		_		_		23		2,920		28,909	2,391,693	2,423,54				
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	_	2,34				
Securities purchased under agreements to resell (contract amount)		_		_		-		_		_	_	-				
Securities sold under agreements to repurchase (contract amount)		1,390,671		_		_		_		_	_	1,390,67				

Federal agency and GSE residential MBS (RMBS) and commercial MBS (CMBS) are reported at stated maturity in table 6. Stated maturity differs from the estimated weighted-average life of RMBS and CMBS because scheduled payments and prepayment assumptions are factored in and reported in table 6a as of September 30, 2024, and December 31, 2023, respectively:

Table 6a. Estimated weighted average life of residential and commercial MBS (in years)		
	September 30, 2024	December 31, 2023
RMBS	8.2	8.7
CMBS	5.9	6.6

Information about transactions related to Treasury securities, federal agency and GSE MBS, and GSE debt securities held in the SOMA during the nine months ended September 30, 2024, and during the year ended December 31, 2023, is summarized as follows:

Table 7a. Domestic portfolio transactions of SOMA (in millions)	securi	ties bills, note	es, a	and bonds		
		Bills		Notes	Bonds	Total Treasury securities
Balance at December 31, 2022	\$	286,585	\$	3,564,863	\$ 1,877,799	\$ 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	\$	214,231	\$	2,891,337	\$ 1,882,759	\$ 4,988,327
Purchases <sup>1</sup>		350,495		119,883	19,535	489,913
Sales <sup>1</sup>		_		(30)	(83)	(113)
Realized gains (losses), net <sup>2</sup>		_		(6)	(28)	(34)
Principal payments and maturities		(379,302)		(548,983)	_	(928,285)
Amortization of premiums and accretion of discounts, net		7,789		(7,998)	(8,221)	(8,430)
Inflation adjustment on inflation-indexed securities		_		5,341	4,974	10,315
Subtotal of activity		(21,018)		(431,793)	16,177	(436,634)
Balance at September 30, 2024	\$	193,213	\$	2,459,544	\$ 1,898,936	\$ 4,551,693
Year-ended December 31, 2023						
Supplemental information—par value of transactions						
Purchases <sup>3</sup>	\$	656,660	\$	168,024	\$ 36,482	\$ 861,166
Sales <sup>3</sup>		_		(184)	(94)	(278)
Nine months ended September 30, 2024						
Supplemental information—par value of transactions						
Purchases <sup>3</sup>	\$	357,626	\$	120,192	\$ 19,506	\$ 497,324
Sales <sup>3</sup>		-		(35)	(101)	(136)

<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. The amount reported as sales includes the realized gains and losses on such transactions.

 $<sup>^{2}</sup>$  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.

Table 7b. Domestic portfolio transactions of SOMA (in millions)	able 7b. Domestic portfolio transactions of SOMA securities reside						tial and commercial MBS and GSE debt securities						
	Re	sidential MBS	Co	ommercial MBS	To	tal federal agency and GSE MBS	GS	SE debt securities					
Balance at December 31, 2022	\$	2,688,280	\$	9,303	\$	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	\$	2,481,336	\$	2,557					
Purchases <sup>1</sup>		299		_		299		_					
Sales <sup>1</sup>		(237)		_		(237)		_					
Realized gains (losses), net <sup>2</sup>		(53)		_		(53)		_					
Principal payments and maturities		(149,587)		(122)		(149,709)		_					
Amortization of premiums and accretion of discounts, net		(4,235)		(80)		(4,315)		(21)					
Subtotal of activity		(153,813)		(202)		(154,015)		(21)					
Balance at September 30, 2024	\$	2,318,606	\$	8,715	\$	2,327,321	\$	2,536					
Year-ended December 31, 2023													
Supplemental information—par value of transactions													
Purchases	\$	600	\$	_	\$	600	\$	_					
Sales		(276)		_		(276)		_					
Nine months ended September 30, 2024													
Supplemental information—par value of transactions													
Purchases	\$	298	\$	_	\$	298	\$	_					
Sales		(285)		-		(285)		_					

<sup>&</sup>lt;sup>1</sup> 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.

<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.

Information about foreign currency denominated investments recorded at amortized cost and valued at foreign currency market exchange rates held in the SOMA at September 30, 2024, and December 31, 2023, was as follows:

Table 8. Foreign currency denominated investments (in millions)			
	Sep	tember 30, 2024	December 31, 2023
Euro:			
Foreign currency deposits	\$	7,063	\$ 8,388
Securities purchased under agreements to resell		2,118	-
Dutch government debt instruments		1,071	1,070
French government debt instruments		1,748	1,829
German government debt instruments		367	668
Japanese yen:			
Foreign currency deposits	\$	6,523	\$ 6,333
Japanese government debt instruments		2	299
Total	\$	18,892	\$ 18,587

The remaining maturity distribution of foreign currency denominated investments at September 30, 2024, and December 31, 2023, was as follows:

Table 9. Maturity dist	ributi	on of foreign c	urre	ncy denominat	ed i	nvestments				
		Within 15 days		16 days to 90 days		91 days to 1 year	Over 1 year to 5 years	(	Over 5 years to 10 years	Total
September 30, 2024										
Euro	\$	9,180	\$	31	\$	341	\$ 2,592	\$	223	\$ 12,367
Japanese yen		6,523		_		2	_		_	6,525
Total	\$	15,703	\$	31	\$	343	\$ 2,592	\$	223	\$ 18,892
December 31, 2023										
Euro	\$	8,624	\$	113	\$	61	\$ 2,935	\$	222	\$ 11,955
Japanese yen		6,333		_		297	2		_	6,632
Total	\$	14,957	\$	113	\$	358	\$ 2,937	\$	222	\$ 18,587

At September 30, 2024, and December 31, 2023, the fair value of foreign currency denominated investments held in the SOMA was \$18,742 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.

The SOMA held Euros under U.S. dollar liquidity swaps of \$157 million and \$1,357 million at September 30, 2024 and December 31, 2023, respectively. These U.S. dollar liquidity swaps matured within 15 days.

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 September 30, 2024, and September 30, 2023:

Table 10. Realized gains (losses)	and change in unrealize	d gain (loss) position							
	Nine months ended	September 30, 2024	Nine months ended September 30, 202						
	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	\$ (33)	\$ 81,585	\$ (30)	\$ (121,885)					
Federal agency and GSE MBS									
Residential	(53)	48,141	(26)	(99,351)					
Commercial		271		(204)					
Total federal agency and GSE MBS	(53)	48,412	(26)	(99,555)					
GSE debt securities		29		(111)					
Total	\$ (86)	\$ 130,026	\$ (56)	\$ (221,551)					

<sup>&</sup>lt;sup>1</sup> Realized gains (losses), net 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 2020 LLC, formerly 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.

<sup>&</sup>lt;sup>2</sup> Realized gains (losses), net 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.

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 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 September 30, 2024, and December 31, 2023, respectively, are as follows:

		Main Street
As of September 30, 2024:	<u> </u>	
Assets		
Cash and cash equivalents <sup>1</sup>	\$	1,06
Short-term investments in non-marketable securities <sup>2</sup>		4,63
Loan participations <sup>3</sup>		4,68
Total assets, net	\$	10,38
Liabilities	_	3
Net assets and liabilities	\$	10,35
<sup>1</sup> Includes \$236 million of cash equivalents and \$833 million of cash.	<del>-</del>	
<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-	ı-marketable
securities at amortized cost and the related earnings on those investments.  Reported at principal amount outstanding, net of allowance, charge-offs, and recoveries and inc	luding interest	

Table 11b. Net portfolio assets and liabilities of con-	solida	nted VIEs						
	Main Street		MLF		TALF II	Total		
As of December 31, 2023:								
Assets								
Cash and cash equivalents <sup>1</sup>	\$	1,981	\$	213	\$ 46	\$	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	\$	213	\$ 46	\$	16,098	
Liabilities		52		-	-		52	
Net assets and liabilities	\$	15,787	\$	213	\$ 46	\$	16,046	

<sup>&</sup>lt;sup>1</sup> Includes \$1,006 million of cash equivalents and \$1,234 million of cash.

Effective January 1, 2023, Main Street adopted the CECL methodology in accordance with FASB Accounting Standards Codification Topic 326 Financial Instruments - Credit Losses 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 whereas loan participations with different risks are individually assessed. The principal exposure of loan participations in non-accrual status as of September 30, 2024, and December 31, 2023, was \$1.0 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 \$0.6 billion and \$0.8 billion as of September 30, 2024, and December 31, 2023, respectively. Main Street realized principal and interest losses, net of subsequent recoveries, of \$583.0 million and \$136.8 million for charge-offs during the nine months ended September 30, 2024, and September 30, 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 \$678.3 million and \$460.0 million as of September 30, 2024, and December 31, 2023, respectively.

<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.

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

<b>Table 12. Maturity distribution of major a</b> (in millions)	isse	t categories of	cor	solidated VIEs						
				Remainir	ıg m	aturity				
		Within 15 days		16 days to 90 days		91 days to 1 year	Over 1 year to 5 years		Total	
<b>September 30, 2024</b>										
Cash equivalents	\$	236	\$	_	\$	_	\$	_	\$ 236	
Short-term investments in non-marketable securities		4,632		_		_		_	4,632	
Loan participations		-		45		613		4,022	4,680	
Total	\$	4,868	\$	45	\$	613	\$	4,022	\$ 9,548	
December 31, 2023										
Cash equivalents	\$	1,006	\$	_	\$	_	\$	_	\$ 1,006	
Short-term investments in non-marketable securities		6,791		_		_		_	6,791	
Loan participations		-		_		_		7,067	7,067	
Total	\$	7,797	\$	_	\$	-	\$	7,067	\$ 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 September 30, 2024, and December 31, 2023, respectively.

Table 13a. Analysis of Reserve Bank funding and Treasury non control (in millions)	olling i	nterests of	VIE	;				
				September	30,	2024		
	Ma	ain Street		MLF		TALF II		Total
Outstanding amount of facility assets	\$	4,680	\$	_	\$	_	\$	4,680
Treasury contribution, including deposits and non-marketable Treasury securities <sup>1</sup>		5.449		_		_		5,449
Other assets and liabilities, net		221		_		_		221
Unconsolidated variable interest entities: Assets available to pay Reserve Bank loans and Treasury non-controlling interests, net	<u> </u>	10,350	<u> </u>				<u> </u>	10,350
	•	_0,000	•		•		•	_0,000
Reserve Bank funding:								
Loans outstanding	\$	4,324	\$	_	\$	_	\$	4,324
Plus: Outstanding interest accrued		16		_		_		16
Total controlling interests outstanding	\$	4,340	\$	-	\$	_	\$	4,340
Non-controlling interest:								
Non-controlling interest—capital contribution	\$	37,500	\$	-	\$	_	\$	37,500
Return of non-controlling interest—capital contribution		(32,542)		-		_		(32,542
Non-controlling interest—Treasury capital contributions	\$	4,958	\$	-	\$	_	\$	4,958
Excess of net unconsolidated VIE assets	\$	1,052	\$	_	\$	_	\$	1,052
Allocated to non-controlling Treasury interest		1,019		_		_		1,019
Allocated to Reserve Banks		33		_		_		33
Consolidated variable interest entities: Non-controlling interest	\$	5,977	\$	-	\$	-	\$	5,977
Memo: Earnings distribution <sup>2</sup>	\$	_	\$	213	\$	46	\$	259
Non-controlling Treasury interest		_		192		41		233
Reserve Banks		_		21		5		26
$^{\rm 1}$ Includes earnings on non-marketable Treasury securities and deposits from the $^{\rm 2}$ Represents distribution of cumulative LLC earnings upon wind down in accordance		•	gal ag	greements.				

				December	31, 2	2023		
	Ma	ain Street		MLF		TALF II		Total
Outstanding amount of facility assets	\$	7,067	\$	_	\$	_	\$	7,06
Treasury contribution, including deposits and non-marketable Treasury securities <sup>1</sup>	,	7,977	*	_	•	_	•	7,97
Other assets and liabilities, net		743		213		46		1,00
Unconsolidated variable interest entities: Assets available to pay Reserve Bank loans and Treasury non-controlling interests, net	\$	15,787	\$	213	\$	46	\$	16,04
Reserve Bank funding:								
Loans outstanding	\$	7,434	\$	_	\$	_	\$	7,43
Plus: Outstanding interest accrued		23		_		_		2
Total controlling interests outstanding	\$	7,457	\$	-	\$	_	\$	7,45
Non-controlling interest:								
Non-controlling interest—capital contribution	\$	37,500	\$	17,500	\$	10,000	\$	65,00
Return of non-controlling interest—capital contribution		(30,062)		(17,500)		(10,000)		(57,56
Non-controlling interest—Treasury capital contributions	\$	7,438	\$	_	\$		\$	7,43
Excess of net unconsolidated VIE assets	\$	892	\$	213	\$	46	\$	1,15
Allocated to non-controlling Treasury interest		858		192		41		1,09
Allocated to Reserve Banks		34		21		5		6
Consolidated variable interest entities: Non-controlling interest	\$	8,296	\$	192	\$	41	\$	8,52
Memo: Earnings distribution <sup>2</sup>	\$	_	\$	144	\$	48	\$	19
Non-controlling Treasury interest		_		144		48		19
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 September 30, 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 September 30, 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:

	Nine months ende	ed September 30, 2024	Nine months ended September 30, 2023				
Interest Income:	This monate one						
Primary, secondary, seasonal, and other credit	\$	179	\$	5,875			
BTFP <sup>1</sup>		4,465		2,646			
PPPLF <sup>2</sup>		8		22			
Total interest income	\$	4,652	\$	8,543			
Average daily loan balance:							
Primary, secondary, seasonal, and other credit	\$	4,336	\$	131,643			
BTFP <sup>1</sup>		123,764		102,050			
PPPLF <sup>2</sup>		2,919		8,407			
Average interest rate:							
Primary, secondary, seasonal, and other credit		5.52 %		5.97 %			
BTFP <sup>1</sup>		4.82 %		4.68 %			
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:

Table 15. Interest income on SOMA portfolio (in millions)				
	Nine months en	ded September 30, 2024	Nine months e	nded September 30, 2023
Interest income:				
Securities purchased under agreements to resell	\$	1	\$	195
Treasury securities, net		76,557		80,579
Federal agency and GSE MBS, net		39,932		43,129
GSE debt securities, net		98		99
Foreign currency denominated investments, net <sup>1</sup>		256		165
Central bank liquidity swaps		7		13
Total interest income	\$	116,851	\$	124,180
Average daily balance:				
Securities purchased under agreements to resell	\$	19	\$	5,246
Treasury securities, net <sup>2</sup>		4,724,699		5,426,496
Federal agency and GSE MBS, net <sup>3</sup>		2,412,653		2,622,287
GSE debt securities, net <sup>2</sup>		2,546		2,574
Foreign currency denominated investments, net <sup>4</sup>		18,157		18,529
Central bank liquidity swaps <sup>5</sup>		177		345
Average interest rate:				
Securities purchased under agreements to resell		5.24 %		4.95 %
Treasury securities, net		2.16 %		1.99 %
Federal agency and GSE MBS, net		2.21 %		2.19 %
GSE debt securities, net		5.05 %		5.11 %
Foreign currency denominated investments, net		1.88 %		1.19 %
Central bank liquidity swaps		5.56 %		5.18 9

<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 \$5 million and \$6 million for the nine months ended September 30, 2024 and 2023, respectively.

<sup>&</sup>lt;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.

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

	Nine months en	ded September 30, 2024	Nine months ended September 30, 2			
nterest expense:						
Primary dealers and expanded counterparties <sup>1</sup>	\$	18,131	\$	73,928		
Foreign official and international accounts <sup>2</sup>		15,008		12,643		
Total interest expense	\$	33,139	\$	86,571		
verage daily balance:						
Primary dealers and expanded counterparties <sup>1</sup>	\$	451,088	\$	2,003,086		
Foreign official and international accounts <sup>2</sup>		373,810		342,018		
verage interest rate:						
Primary dealers and expanded counterparties <sup>1</sup>		5.28 %		4.92 %		
Foreign official and international accounts <sup>2</sup>		5.28 %		4.93 %		

<sup>(</sup>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: 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 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.

Supplemental information on consolidated VIE income is as follows:

Table 17a. Net operating income (loss) of the consolidated VIE (in millions)	
	Main Street
Nine months ended September 30, 2024	
Interest income <sup>1</sup>	\$ 593
Other items of income (loss):	
Fees	18
Benefit for credit losses	(366)
Realized loss on sale of portfolio investments	(48)
Total other items of income (loss)	 (396)
Less: Expenses <sup>2</sup>	33
Net income (loss) attributable to consolidated VIEs	\$ 164
Allocated to non-controlling Treasury interest	\$ 161
Allocated to Reserve Bank	\$ 3
<sup>1</sup> Recorded when earned and includes amortization of premiums and accretion of discounts.	
<sup>2</sup> Includes fees, participation loan servicing costs, and other expenses.	

	Main Street		MLF		TALF II		Total	
Nine months ended September 30, 2023								
Interest income <sup>1</sup>	\$	887	\$	105	\$	62	\$	1,05
Other items of income (loss):								
Fees		29		1		_		3
Provision for credit losses		110		-		_		11
Realized loss on sale of portfolio investments		(25)		-		_		(2
Total other items of income (loss)		114		1		_		11
Less: Expenses <sup>2</sup>		35		-		_		3
Net income (loss) attributable to consolidated VIEs	\$	966	\$	106	\$	62	\$	1,13
Allocated to non-controlling Treasury interest	\$	910	\$	101	\$	30	\$	1,04
Allocated to Reserve Banks	\$	56	\$	5	\$	32	\$	g

#### (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. In 2023, the FOMC increased the established target range

for the federal funds rate effective March 23, May 4, and July 27 and in 2024, decreased the established target range for the federal funds rate effective September 19.

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 the first nine months of 2024. At September 30, 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 represents 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 September 30, 2024.

The following table presents the distribution of the System's total comprehensive income (loss):

	nonths ended lber 30, 2024	Nine months ended September 30, 2023	
Reserve Bank and consolidated variable interest entity net loss before providing for remittances to the Treasury	\$ (63,135)	\$	(88,059
Other comprehensive loss	(64)		(46
Total comprehensive loss—available for distribution	\$ (63,199)	\$	(88,105
Distribution of comprehensive income (loss):			
Dividends	\$ 1,240	\$	1,050
Remittances transferred to the Treasury	2,589		127
Deferred asset increase <sup>1</sup>	(67,028)		(89,282
Earnings remittances to the Treasury, net	 (64,439)		(89,155
Total distribution of comprehensive loss	\$ (63,199)	\$	(88,105

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