

# The Bank of New York Mellon Corporation

Financial Supplement

Second Quarter 2023



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### THE BANK OF NEW YORK MELLON CORPORATION CONSOLIDATED FINANCIAL HIGHLIGHTS



(dollars in millions, except per common share amounts, or unless											2Q23	VS.					YTD23 vs.
otherwise noted)		2Q23		1Q23		4Q22		3Q22		2Q22	1Q23	2Q22		YTD23		YTD22	YTD22
Selected income statement data																	
Fee and other revenue	\$ 3	3,354	\$	3,235	\$	2,862	\$	3,353	\$	3,430	4%	(2)%	\$	6,589	\$	6,658	(1)%
Net interest revenue	-	1,100		1,128		1,056		926		824	(2)	33		2,228		1,522	46
Total revenue	4	4,454		4,363		3,918		4,279		4,254	2	5		8,817		8,180	8
Provision for credit losses		5		27		20		(30)		47	N/M	N/M		32		49	N/M
Noninterest expense		<u>3,111</u>		3,100		3,213		3,679	·	3,112	_			6,211		6,118	2
Income before income taxes		<b>1,338</b> 270		1,236		<b>685</b> 142		<b>630</b>		1,095	8	<b>22</b> 17		2,574		<b>2,013</b> 384	28
Provision for income taxes Net income	\$	1.068	\$	<u>260</u> 976	\$	<u>142</u> 543	\$	242 388	\$	<u>231</u> 864	4 <b>9%</b>	24%	\$	530 2,044	\$	<u> </u>	38 <b>25%</b>
Net income applicable to common shareholders of	Ψ	1,000	Ψ	570	Ψ	545	Ψ	500	Ψ	004	570	2470	Ψ	2,044	Ψ	1,023	2370
The Bank of New York Mellon Corporation	<b>\$</b> 1	1,031	\$	905	\$	509	\$	319	\$	835	14%	23%	\$	1,936	\$	1,534	26%
Diluted earnings per common share	\$	1.30	\$	1.12	\$	0.62	\$	0.39	\$	1.03	16%	26%	\$	2.42	\$	1.88	29%
Average common shares and equivalents outstanding – diluted (in thousands)	790	0,725	80	07,718	8	15,846	8	314,516	8	13,590	(2)%	(3)%	7	99,157	8	13,894	(2)%
Financial ratios (Returns are annualized)																	
Pre-tax operating margin		30%		28%		17%		15%		26%				29%		25%	
Return on common equity		11.6%		10.3%		5.7%		3.5%		9.3%				10.9%		8.4%	
Return on tangible common equity – Non-GAAP (a)		22.6%		20.2%		11.5%		7.5%		19.2%				21.4%		17.2%	
Non-U.S. revenue as a percentage of total revenue		37%		35%		39%		35%		36%				36%		35%	
Period end																	
Assets under custody and/or administration ("AUC/A") (in trillions) (b)	\$	46.9	\$	46.6	\$	44.3	\$	42.2	\$	43.0	1%	9%					
Assets under management ("AUM") (in trillions)	\$	1.91	\$	1.91	\$	1.84	\$	1.78	\$	1.94	%	(2)%					
Full-time employees	53	3,200	5	51,600	ł	51,700		51,100	4	50,800	3%	5%					
Book value per common share	\$ 4	46.35	\$	45.36	\$	44.40	\$	43.18	\$	44.73							
Tangible book value per common share – Non-GAAP (a)	\$ 2	24.17	\$	23.52	\$	23.11	\$	21.55	\$	22.02							
Cash dividends per common share	\$	0.37	\$	0.37	\$	0.37	\$	0.37	\$	0.34							
Common dividend payout ratio		29%		34%		60%		95%		33%							
Closing stock price per common share	\$ 4	14.52	\$	45.44	\$	45.52	\$	38.52	\$	41.71							
Market capitalization	\$ 34	4,671	\$ 3	35,858	\$ 3	36,800	\$	31,135	\$ 3	33,706							
Common shares outstanding (in thousands)	778	3,782	78	39,134	80	08,445	8	808,280	8	08,103							
Capital ratios at period end (c)																	
Common Equity Tier 1 ("CET1") ratio		11.1%		11.0%		11.2%		10.0%		10.0%							
Tier 1 capital ratio		14.0%		13.9%		14.1%		12.8%		12.8%							
Total capital ratio		14.8%		14.7%		14.9%		13.7%		13.6%							
Tier 1 leverage ratio		5.7%		5.8%		5.8%		5.4%		5.2%							
Supplementary leverage ratio ("SLR")		7.0%		6.9%		6.8%		6.3%		6.2%							

(a) Non-GAAP information, for all periods presented, excludes goodwill and intangible assets, net of deferred tax liabilities. See "Explanation of GAAP and Non-GAAP Financial Measures" beginning on page 18 for the reconciliation of Non-GAAP measures.

(b) Includes the AUC/A of CIBC Mellon Global Securities Services Company ("CIBC Mellon"), a joint venture with the Canadian Imperial Bank of Commerce, of \$1.6 trillion at June 30, 2023, \$1.5 trillion at March 31, 2023 and Dec. 31, 2022, \$1.4 trillion at Sep. 30, 2022 and \$1.5 trillion at June 30, 2022.

(c) Regulatory capital ratios for June 30, 2023 are preliminary. For our CET1, Tier 1 capital and Total capital ratios, our effective capital ratios under the U.S. capital rules are the lower of the ratios as calculated under the Standardized and Advanced Approaches, which for June 30, 2023, March 31, 2023 and Dec. 31, 2022 was the Advanced Approaches, for Sept. 30, 2022 was the Standardized Approach for the CET1 and Tier 1 capital ratios and the Advanced Approaches for the Total capital ratio, and for June 30, 2022 was the Advanced Approaches.

# THE BANK OF NEW YORK MELLON CORPORATION CONDENSED CONSOLIDATED INCOME STATEMENT



(dollars in millions, except per share amounts; common shares in											2Q23	3 vs.					YTD23 vs.
thousands)		2Q23		1Q23		4Q22		3Q22		2Q22 -	1Q23	2Q22		YTD23		YTD22	YTD22
Revenue	_																
Investment services fees	\$	2,252	\$	2,119	\$	2,173	\$	2,157	\$	2,206	6%	2%	\$	4,371	\$	4,199	4%
Investment management and performance fees		762		776		783		800		833	(2)	(9)		1,538		1,716	(10)
Foreign exchange revenue		158		176		190		203		222	(10)	(29)		334		429	(22)
Financing-related fees		50		52		43		43		44	(4)	14		102		89	15
Distribution and servicing fees		35		33		33		33		34	6	3		68		64	6
Total fee revenue		3,257		3,156		3,222		3,236		3,339	3	(2)		6,413		6,497	(1)
Investment and other revenue		97		79		(360)		117		91	N/M	N/M		176		161	N/M
Total fee and other revenue		3,354		3,235		2,862		3,353		3,430	4	(2)		6,589		6,658	(1)
Net interest revenue		1,100		1,128		1,056		926		824	(2)	33		2,228		1,522	46
Total revenue		4,454		4,363		3,918		4,279		4,254	2	5		8,817		8,180	8
Provision for credit losses		5		27		20		(30)		47	N/M	N/M		32		49	N/M
Noninterest expense																	
Staff		1,718		1,791		1,802		1,673		1,623	(4)	6		3,509		3,325	6
Software and equipment		450		429		432		421		405	5	11		879		804	9
Professional, legal and other purchased services		378		375		415		363		379	1	—		753		749	1
Net occupancy		121		119		143		124		125	2	(3)		240		247	(3)
Sub-custodian and clearing		119		118		112		124		131	1	(9)		237		249	(5)
Distribution and servicing		93		85		86		88		90	9	3		178		169	5
Business development		47		39		45		34		43	21	9		86		73	18
Bank assessment charges		41		40		19		35		37	3	11		81		72	13
Goodwill impairment		—		—		_		680		—	N/M	N/M		—		—	N/M
Amortization of intangible assets		14		14		16		17		17	_	(18)		28		34	(18)
Other		130		90		143		120		262	44	(50)		220		396	(44)
Total noninterest expense		3,111		3,100		3,213		3,679		3,112	—	—		6,211		6,118	2
Income before income taxes		1,338		1,236		685		630		1,095	8	22		2,574		2,013	28
Provision for income taxes		270		260		142		242		231	4	17		530		384	38
Net income		1,068		976		543		388		864	9	24		2,044		1,629	25
Net (income) loss attributable to noncontrolling interests		(1)		_		_		_		5	N/M	N/M		(1)		13	N/M
Preferred stock dividends		(36)		(71)		(34)		(69)		(34)	N/M	N/M		(107)		(108)	N/M
Net income applicable to common shareholders of	¢	1,031	¢	905	¢	509	¢	210	¢	025	14%	220/	¢	1 026	¢	1 524	26%
The Bank of New York Mellon Corporation	φ	1,051	\$	905	\$	509	\$	319	\$	835	1470	23%	\$	1,936	\$	1,534	20%
Average common shares and equivalents outstanding: Basic		787,718		803,340		811,669		811,304		810,903	(2)%	(3)%		795,512		810,233	(2)%
Diluted		790,725		807,718		815,846		814,516		813,590	(2)%	(3)%		799,157		813,894	(2)%
Earnings per common share: Basic	\$	1.31	\$	1.13	\$	0.63	\$	0.39	\$	1.03	16%	27%	\$	2.43	\$	1.89	29%
Diluted	\$	1.30	\$	1.12	\$	0.62	\$	0.39	\$	1.03	16%	26%	\$	2.42	\$	1.88	29%

# THE BANK OF NEW YORK MELLON CORPORATION CONDENSED CONSOLIDATED BALANCE SHEET



	20	23			2022	
(in millions)	June 30		March 31	Dec. 31	Sept. 30	June 30
Assets						
Cash and due from banks	\$ 5,720	\$	5,564	\$ 5,030	\$ 4,707	\$ 5,185
Interest-bearing deposits with the Federal Reserve and other central banks	118,908		117,042	91,655	107,427	125,372
Interest-bearing deposits with banks	12,316		15,114	17,169	13,890	16,639
Federal funds sold and securities purchased under resale agreements	35,378		26,894	24,298	23,483	22,940
Securities	134,233		138,678	142,816	144,181	150,844
Trading assets	10,562		9,024	9,908	12,650	10,759
Loans	64,469		62,323	66,063	69,829	69,347
Allowance for loan losses	(191)		(170)	(176)	(164)	(181)
Net loans	 64,278		62,153	65,887	69,665	69,166
Premises and equipment	3,241		3,248	3,256	3,311	3,354
Accrued interest receivable	963		978	858	723	548
Goodwill	16,246		16,192	16,150	16,412	17,271
Intangible assets	2,881		2,890	2,901	2,902	2,934
Other assets	25,656		27,335	25,855	28,602	27,609
Total assets	\$ 430,382	\$	425,112	\$ 405,783	\$ 427,953	\$ 452,621
Liabilities						
Deposits	\$ 292,045	\$	281,294	\$ 278,970	\$ 301,989	\$ 325,813
Federal funds purchased and securities sold under repurchase agreements	21,285		26,540	12,335	11,339	11,434
Trading liabilities	6,319		5,705	5,385	7,494	5,595
Payables to customers and broker-dealers	21,084		22,598	23,435	23,741	25,769
Other borrowed funds	1,371		2,538	397	357	520
Accrued taxes and other expenses	5,160		4,732	5,410	5,316	5,011
Other liabilities	9,553		10,414	8,543	10,001	9,724
Long-term debt	32,463		30,489	30,458	27,820	27,610
Total liabilities	 389,280		384,310	364,933	388,057	411,476
Temporary equity						
Redeemable noncontrolling interests	104		96	109	152	154
Permanent equity						
Preferred stock	4,838		4,838	4,838	4,838	4,838
Common stock	14		14	14	14	14
Additional paid-in capital	28,726		28,650	28,508	28,374	28,316
Retained earnings	39,199		38,465	37,864	37,660	37,644
Accumulated other comprehensive loss, net of tax	(5,602)		(5,543)	(5,966)	(6,627)	(5,307)
Less: Treasury stock, at cost	(26,242)		(25,790)	(24,524)	(24,522)	(24,521)
Total The Bank of New York Mellon Corporation shareholders' equity	 40,933		40,634	 40,734	 39,737	 40,984
Nonredeemable noncontrolling interests of consolidated investment management funds	65		72	7	7	7
Total permanent equity	 40,998		40,706	 40,741	 39,744	 40,991
Total liabilities, temporary equity and permanent equity	\$ 430,382	\$	425,112	\$ 405,783	\$ 427,953	\$ 452,621



						2Q23	3 vs.				YTD23 vs.
(dollars in millions)	2Q23	1Q23	4Q22	3Q22	2Q22	1Q23	2Q22	`	YTD23	YTD22	YTD22
Investment services fees	\$ 2,252 \$	2,119	\$ 2,173 \$	2,157 \$	2,206	6%	2%	\$	4,371	\$ 4,199	4%
Investment management and performance fees:											
Investment management fees (a)	752	754	757	790	828	_	(9)		1,506	1,677	(10)
Performance fees	10	22	26	10	5	N/M	100		32	39	(18)
Total investment management and performance fees (b)	762	776	 783	800	833	(2)	(9)		1,538	1,716	(10)
Foreign exchange revenue	158	176	190	203	222	(10)	(29)		334	429	(22)
Financing-related fees	50	52	43	43	44	(4)	14		102	89	15
Distribution and servicing fees	35	33	33	33	34	6	3		68	64	6
Total fee revenue	 3,257	3,156	 3,222	3,236	3,339	3	(2)		6,413	6,497	(1)
Investment and other revenue:											
Income (loss) from consolidated investment management funds	10	5	9	(7)	(24)	N/M	N/M		15	(44)	N/M
Seed capital gains (losses) (c)	7	8	6	(11)	(24)	N/M	N/M		15	(32)	N/M
Other trading revenue	53	45	34	65	45	N/M	N/M		98	50	N/M
Renewable energy investment (losses)	(45)	(32)	(32)	(44)	(44)	N/M	N/M		(77)	(88)	N/M
Corporate/bank-owned life insurance	23	27	35	32	28	N/M	N/M		50	61	N/M
Other investments gains (losses) (d)	10	(9)	7	13	78	N/M	N/M		1	139	N/M
Disposal (losses) gains	(1)	(1)	(11)	37	_	N/M	N/M		(2)	_	N/M
Expense reimbursements from joint venture	31	29	28	27	26	N/M	N/M		60	53	N/M
Other income	9	8	12	4	6	N/M	N/M		17	18	N/M
Net securities (losses) gains		(1)	(448)	1	_	N/M	N/M		(1)	4	N/M
Total investment and other revenue	 97	79	 (360)	117	91	N/M	N/M		176	 161	N/M
Total fee and other revenue	\$ 3,354 \$	3,235	\$ 2,862 \$	3,353 \$	3,430	4%	(2)%	\$	6,589	\$ 6,658	(1)%

(a) Excludes seed capital gains (losses) related to consolidated investment management funds.

(b) On a constant currency basis (Non-GAAP), investment management and performance fees decreased 8% compared with 2Q22. See "Explanation of GAAP and Non-GAAP Financial Measures" beginning on page 18 for the reconciliation of this Non-GAAP measure.

(c) Includes gains (losses) on investments in BNY Mellon funds which hedge deferred incentive awards.

(d) Includes strategic equity, private equity and other investments.

### THE BANK OF NEW YORK MELLON CORPORATION AVERAGE BALANCES AND INTEREST RATES



	2	Q23		1	Q23			1Q22		3	Q22	2	2Q22
(dollars in millions; average rates are annualized)	Average balance	Average rate		Average balance	Average rate		Average balance			Average balance	Average rate	Average balance	Average rate
Assets													
Interest-earning assets:													
Interest-bearing deposits with the Federal Reserve and other central banks	\$ 114,578	4.29%		\$ 94,899	3.59%		\$ 94,868	2.60%		\$ 91,836	1.23%	\$ 102,844	0.38%
Interest-bearing deposits with banks	13,919	3.68		16,225	3.51		15,750	2.70		16,298	1.62	18,097	0.74
Federal funds sold and securities purchased under resale agreements	26,989	26.38	(a)	24,631	16.32	(a)	25,657	11.22	(a)	22,971	5.55	<i>a)</i> 24,212	1.91 (
Loans	63,459	6.05		63,261	5.54		67,364	4.65		68,082	3.39	69,036	2.15
Securities:													
U.S. government obligations	34,147	2.90		38,852	2.89		39,382	2.46		40,829	1.75	41,267	1.07
U.S. government agency obligations	61,565	2.78		62,280	2.60		61,426	2.30		62,819	1.91	64,939	1.59
State and political subdivisions (b)	13	4.45		23	7.07		1,178	2.77		1,982	2.39	2,065	2.13
Other securities (b)	40,976	3.59		42,429	3.21		41,732	2.66		42,642	1.90	43,635	1.31
Total investment securities (b)	136,701	3.05		143,584	2.86		143,718	2.45		148,272	1.87	151,906	1.37
Trading securities (b)	6,403	5.02		5,778	4.97		5,630	4.51		4,603	3.06	4,687	1.91
Total securities (b)	143,104	3.14		149,362	2.94		149,348	2.53		152,875	1.91	156,593	1.39
Total interest-earning assets (b)	\$ 362,049	5.77%		\$ 348,378	4.56%		\$ 352,987	3.59%		\$ 352,062	2.24%	\$ 370,782	1.25%
Noninterest-earning assets	59,125			59,123			61,532			63,608		66,841	
Total assets	\$ 421,174			\$ 407,501			\$ 414,519			\$ 415,670		\$ 437,623	
Liabilities and equity													
Interest-bearing liabilities:													
Interest-bearing deposits	\$ 215,057	3.24%		\$ 204,114	2.71%		\$ 207,875	2.00%		\$ 203,659	0.95%	\$ 219,124	0.16%
Federal funds purchased and securities sold under repurchase agreements	26,282	26.39	(a)	18,316	19.75	(a)	13,985	16.88	(a)	12,297	8.05	<i>a)</i> 12,610	2.47 (8
Trading liabilities	3,893	4.46		3,025	4.05		3,572	3.45		3,550	2.52	3,231	1.25
Other borrowed funds	2,702	4.60		711	1.75		619	1.69		504	1.15	437	2.14
Commercial paper	5	5.11		_	_		6	3.87		5	2.34	5	1.61
Payables to customers and broker-dealers	14,801	3.85		16,954	3.08		17,147	2.27		18,030	1.07	16,592	0.21
Long-term debt	31,970	5.45		30,246	5.22		29,508	4.90		28,449	3.43	26,195	2.22
Total interest-bearing liabilities	\$ 294,710	5.61%		\$ 273,366	4.17%		\$ 272,712	3.11%		\$ 266,494	1.57%	\$ 278,194	0.48%
Total noninterest-bearing deposits	62,152			69,886			75,862			84,804		91,893	
Other noninterest-bearing liabilities	23,625			23,789			25,810			23,547		26,354	
Total The Bank of New York Mellon Corporation shareholders' equity	40,607			40,442			40,097			40,780		41,037	
Noncontrolling interests	80			18			38			45		145	
Total liabilities and equity	\$ 421,174			\$ 407,501			\$ 414,519			\$ 415,670		\$ 437,623	
Net interest margin		1.20%			1.29%			1.19%			1.05%		0.89%
Net interest margin (FTE) – Non-GAAP (c)		1.20%			1.29%			1.19%			1.05%		0.89%

(a) Includes the average impact of offsetting under enforceable netting agreements of approximately \$113 billion for 2Q23, \$62 billion for 1Q23, \$51 billion for 4Q22, \$35 billion for 3Q22 and \$33 billion for 2Q22. On a Non-GAAP basis, excluding the impact of offsetting, the yield on federal funds sold and securities purchased under resale agreements would have been 5.10% for 2Q23, 4.62% for 1Q23, 3.76% for 4Q22, 2.21% for 3Q22 and 0.80% for 2Q22. On a Non-GAAP basis, excluding the impact of offsetting, the rate on federal funds purchased and securities sold under repurchase agreements would have been 4.99% for 2Q23, 4.49% for 1Q23, 3.63% for 4Q22, 2.11% for 3Q22 and 0.68% for 2Q22. We believe providing the rates excluding the impact of netting is useful to investors as it is more reflective of the actual rates earned and paid.

(b) Average rates were calculated on an FTE basis, at tax rates of approximately 21%.

(c) See "Explanation of GAAP and Non-GAAP Financial Measures" beginning on page 18 for the reconciliation of this Non-GAAP measure.

### THE BANK OF NEW YORK MELLON CORPORATION CAPITAL AND LIQUIDITY



	20	023				2022		
(dollars in millions)	 June 30		March 31	Dec. 31		Sept. 30		June 30
Consolidated regulatory capital ratios (a)								
Standardized Approach:								
CET1 capital	\$ 18,127	\$	17,876	\$ 18,032	\$	16,726	:	5 17,067
Tier 1 capital	22,956		22,710	22,856		21,495		21,824
Total capital	24,521		24,276	24,384		23,008		23,366
Risk-weighted assets	154,443		157,399	159,096		167,457		169,710
CET1 ratio	11.7%		11.4%	11.3%		10.0%		10.1%
Tier 1 capital ratio	14.9		14.4	14.4		12.8		12.9
Total capital ratio	15.9		15.4	15.3		13.7		13.8
Advanced Approaches:								
CET1 capital	\$ 18,127	\$	17,876	\$ 18,032	\$	16,726	9	5 17,067
Tier 1 capital	22,956		22,710	22,856		21,495		21,824
Total capital	24,257		24,005	24,143		22,762		23,112
Risk-weighted assets	163,649		162,905	161,672		165,893		169,919
CET1 ratio	11.1%		11.0%	11.2%		10.1%		10.0%
Tier 1 capital ratio	14.0		13.9	14.1		13.0		12.8
Total capital ratio	14.8		14.7	14.9		13.7		13.6
Tier 1 leverage ratio (a):								
Average assets for Tier 1 leverage ratio	\$ 403,205	\$	389,581	\$ 396,643	\$	397,428	:	418,467
Tier 1 leverage ratio	5.7%		5.8%	5.8%		5.4%		5.2%
SLR (a):								
Leverage exposure	\$ 326,429	\$	330,501	\$ 336,049	\$	340,055	:	351,552
SLR	7.0%		6.9%	6.8%		6.3%		6.2%
Average liquidity coverage ratio (a)	120%		118%	118%		116%		111%
Average net stable funding ratio (a)	136%		132%	N/A (/	b)	N/A	(b)	N/A (t

(a) Regulatory capital and liquidity ratios for June 30, 2023 are preliminary. For our CET1, Tier 1 capital and Total capital ratios, our effective capital ratios under the U.S. capital rules are the lower of the ratios as calculated under the Standardized and Advanced Approaches, which for June 30, 2023, March 31, 2023 and Dec. 31, 2022 was the Advanced Approaches, for Sept. 30, 2022 was the Standardized Approach for the CET1 and Tier 1 capital ratios and the Advanced Approaches for the Total capital ratio, and for June 30, 2022 was the Advanced Approaches.

(b) The reporting requirement for the average net stable funding ratio became effective in 2Q23, inclusive of reporting the average 1Q23 ratio.



											2Q23	3 vs.					YTD23 vs.
(dollars in millions)		2Q23		1Q23		4Q22		3Q22		2Q22	1Q23	2Q22		YTD23		YTD22	YTD22
Revenue:															_		
Investment services fees:																	
Asset Servicing	\$	991	\$	948	\$	971	\$	953	\$	995	5%	—%	\$	1,939	\$	1,994	(3)%
Issuer Services		319		236		271		288		309	35	3		555		450	23
Total investment services fees		1,310		1,184		1,242		1,241		1,304	11	_		2,494		2,444	2
Foreign exchange revenue		124		139		149		132		155	(11)	(20)		263		303	(13)
Other fees (a)		54		55		55		52		54	(2)	_		109		95	15
Total fee revenue		1,488		1,378		1,446		1,425		1,513	8	(2)		2,866	_	2,842	1
Investment and other revenue		84		72		70		111		36	N/M	N/M		156		110	N/M
Total fee and other revenue		1,572		1,450		1,516		1,536		1,549	8	1		3,022		2,952	2
Net interest revenue		668		666		656		538		457	—	46		1,334		834	60
Total revenue		2,240		2,116		2,172		2,074		2,006	6	12		4,356		3,786	15
Provision for credit losses		16		—		11		(6)		13	N/M	N/M		16		3	N/M
Noninterest expense (ex. amortization of intangible assets)		1,575		1,548		1,568		1,549		1,647	2	(4)		3,123		3,149	(1)
Amortization of intangible assets		7		8		8		8		9	(13)	(22)		15		17	(12)
Total noninterest expense		1,582		1,556		1,576		1,557		1,656	2	(4)		3,138		3,166	(1)
Income before income taxes	\$	642	\$	560	\$	585	\$	523	\$	337	15%	91%	\$	1,202	\$	617	95%
Total revenue by line of business:																	
Asset Servicing	\$	1.706	\$	1.664	\$	1.681	\$	1,596	\$	1,534	3%	11%	\$	3,370	\$	3,046	11%
Issuer Services	+	534	•	452	+	491	Ŧ	478	•	472	18	13	•	986		740	33
Total revenue by line of business	\$	2,240	\$	2,116	\$	2,172	\$	2,074	\$	2,006	6%	12%	\$		\$		15%
Financial ratios:																	
Pre-tax operating margin		29%		26%		27%		25%		17%				28%		16%	
Memo: Securities lending revenue (b)	\$	47	\$	48	\$	50	\$	48	\$	45	(2)%	4%	\$	95	\$	84	13%

(a) Other fees primarily include financing-related fees.

(b) Included in investment services fees reported in the Asset Servicing line of business.



						2Q23	3 vs.			YTD23 vs.
(dollars in millions, unless otherwise noted)	2Q23	1Q23	4Q22	3Q22	2Q22	1Q23	2Q22	YTD23	YTD22	YTD22
Selected balance sheet data:										
Average loans	\$ 11,283	\$ 10,939	\$ 11,850	\$ 11,573	\$ 11,386	3%	(1)%	\$ 11,112	\$ 10,772	3%
Average assets (a)	\$ 202,207	\$ 196,560	\$ 206,810	\$ 203,063	\$ 219,797	3%	(8)%	\$ 199,399	\$ 220,340	(10)%
Average deposits	\$ 172,863	\$ 167,209	\$ 176,541	\$ 176,328	\$ 191,191	3%	(10)%	\$ 170,051	\$ 191,671	(11)%
Selected metrics:										
AUC/A at period end (in trillions) (b)(c)	\$ 33.2	\$ 32.6	\$ 31.4	\$ 30.0	\$ 31.0	2%	7%			
Market value of securities on loan at period end (in billions) (d)	\$ 415	\$ 441	\$ 449	\$ 435	\$ 441	(6)%	(6)%			

(a) In business segments where average deposits are greater than average loans, average assets include an allocation of investment securities equal to the difference.

(b) June 30, 2023 information is preliminary.

(c) Consists of AUC/A primarily from the Asset Servicing line of business and, to a lesser extent, the Issuer Services line of business. Includes the AUC/A of CIBC Mellon of \$1.6 trillion at June 30, 2023, \$1.5 trillion at March 31, 2023 and Dec. 31, 2022, \$1.4 trillion at Sept. 30, 2022 and \$1.5 trillion at June 30, 2022.

(d) Represents the total amount of securities on loan in our agency securities lending program. Excludes securities for which BNY Mellon acts as agent on behalf of CIBC Mellon clients, which totaled \$66 billion at June 30, 2023, \$69 billion at March 31, 2023, \$68 billion at Dec. 31, 2022, \$75 billion at Sept. 30, 2022 and \$70 billion at June 30, 2022.

#### THE BANK OF NEW YORK MELLON CORPORATION MARKET AND WEALTH SERVICES BUSINESS SEGMENT



											2Q23	VS.					YTD23 vs.
(dollars in millions)		2Q23		1Q23		4Q22		3Q22		2Q22	1Q23	2Q22		YTD23		YTD22	YTD22
Revenue:																	
Investment services fees:																	
Pershing	\$	496	\$	499	\$	502	\$	494	\$	479	(1)%	4%	\$	995	\$	912	9%
Treasury Services		172		168		170		173		176	2	(2)		340		346	(2)
Clearance and Collateral Management		265		260		249		239		240	2	10		525		483	9
Total investment services fees		933		927		921		906		895	1	4		1,860		1,741	7
Foreign exchange revenue		21		18		20		20		22	17	(5)		39		48	(19)
Other fees (a)		55		54		47		49		46	2	20		109		80	36
Total fee revenue		1,009		999		988		975	_	963	1	5		2,008		1,869	7
Investment and other revenue		16		15		15		14		11	N/M	N/M		31		11	N/M
Total fee and other revenue		1,025	_	1,014		1,003	_	989		974	1	5		2,039		1,880	8
Net interest revenue		420		453		396		378		340	(7)	24		873		636	37
Total revenue		1,445		1,467		1,399		1,367	_	1,314	(1)	10		2,912		2,516	16
Provision for credit losses		7				6		(1)		4	N/M	N/M		7		2	N/M
Noninterest expense (ex. amortization of intangible assets)		779		768		783		735		700	1	11		1,547		1,406	10
Amortization of intangible assets		2		1		2		2		2	100	_		3		4	(25)
Total noninterest expense		781	_	769		785	_	737		702	2	11		1,550		1,410	10
Income before income taxes	\$	657	\$	698	\$	608	\$	631	\$	608	(6)%	8%	\$	1,355	\$	1,104	23%
Total revenue by line of business:																	
Pershing	\$	686	\$	693	\$	673	\$	658	\$	636	(1)%	8%	\$	1,379	\$	1,206	14%
Treasury Services	Ψ	402	Ψ	412	Ψ	382	Ψ	390	Ψ	373	(2)	8	Ψ	814	Ψ	711	14 /0
Clearance and Collateral Management		357		362		344		319		305	(1)	17		719		599	20
Total revenue by line of business	\$	1,445	\$	1,467	\$	1,399	\$		\$		(1)%	10%	\$		\$	2,516	16%
Financial ratios:																	
Pre-tax operating margin		46%		48%		43%		46%		46%				47%		44%	

(a) Other fees primarily include financing-related fees.

#### THE BANK OF NEW YORK MELLON CORPORATION MARKET AND WEALTH SERVICES BUSINESS SEGMENT



								2Q23	vs.			YTD23 vs.
(dollars in millions, unless otherwise noted)		2Q23	1Q23		4Q22	3Q22	2Q22	1Q23	2Q22	YTD23	YTD22	YTD22
Selected balance sheet data:	_			_								
Average loans	\$	36,432	\$ 36,854	\$	39,843	\$ 40,882	\$ 42,391	(1)%	(14)%	\$ 36,642	\$ 42,253	(13)%
Average assets (a)	\$	131,657	\$ 132,143	\$	132,306	\$ 138,204	\$ 141,952	—%	(7)%	\$ 131,899	\$ 141,570	(7)%
Average deposits	\$	85,407	\$ 86,040	\$	86,083	\$ 90,612	\$ 94,716	(1)%	(10)%	\$ 85,721	\$ 95,207	(10)%
Selected metrics:												
AUC/A at period end (in trillions) (b)(c)	\$	13.4	\$ 13.7	\$	12.7	\$ 12.0	\$ 11.8	(2)%	14%			
Pershing												
AUC/A at period end (in trillions) (b)	\$	2.4	\$ 2.4	\$	2.3	\$ 2.1	\$ 2.2	—%	9%			
Net new assets (U.S. platform) (in billions) (d)	\$	(34)	\$ 37	\$	42	\$ 45	\$ 16	N/M	N/M			
Average active clearing accounts (in thousands)		7,946	7,849		7,603	7,466	7,432	1%	7%			
Treasury Services												
Average daily U.S. dollar payment volumes		233,931	236,322		246,189	234,468	237,763	(1)%	(2)%			
Clearance and Collateral Management												
Average tri-party collateral management balances (in billions)	\$	6,044	\$ 5,626	\$	5,451	\$ 5,457	\$ 5,207	7%	16%			

(a) In business segments where average deposits are greater than average loans, average assets include an allocation of investment securities equal to the difference.

(b) June 30, 2023 information is preliminary.

(c) Consists of AUC/A from the Clearance and Collateral Management and Pershing lines of business.

(d) Net new assets represent net flows of assets (e.g., net cash deposits and net securities transfers, including dividends and interest) in customer accounts in Pershing LLC, a U.S. broker-dealer. N/M – Not meaningful.



											2Q23	3 vs.					YTD23 vs.
(dollars in millions)		2Q23		1Q23		4Q22		3Q22		2Q22	1Q23	2Q22		YTD23		YTD22	YTD22
Revenue:																	
Investment management fees	\$	750	\$	752	\$	754	\$	788	\$	825	—%	(9)%	\$	1,502	\$	1,673	(10)%
Performance fees		10		22		26		10		5	N/M	100		32		39	(18)
Investment management and performance fees (a)		760		774		780		798		830	(2)	(8)		1,534		1,712	(10)
Distribution and servicing fees		58		55		54		55		51	5	14		113		83	36
Other fees (b)		(56)		(53)		(58)		(45)		(31)	N/M	N/M		(109)		(30)	N/M
Total fee revenue		762		776		776	_	808		850	(2)	(10)		1,538		1,765	(13)
Investment and other revenue (c)		12		6		(3)		(3)		(13)	N/M	N/M		18		(21)	N/M
Total fee and other revenue (c)		774		782		773	_	805		837	(1)	(8)		1,556		1,744	(11)
Net interest revenue		39		45		52		57		62	(13)	(37)		84		119	(29)
Total revenue		813		827		825		862		899	(2)	(10)		1,640		1,863	(12)
Provision for credit losses		7		_		1		3			N/M	N/M		7		(3)	N/M
Noninterest expense (ex. goodwill impairment and amortization of intangible assets)		672		729		693		669		685	(8)	(2)		1,401		1,433	(2)
Goodwill impairment		_		_		_		680		_	N/M	N/M		_		_	N/M
Amortization of intangible assets		5		5		6		7		6		(17)		10		13	(23)
Total noninterest expense		677		734		699		1,356		691	(8)	(2)		1,411		1,446	(2)
Income (loss) before income taxes	\$	129	\$	93	\$	125	\$	(497)	\$	208	39%	(38)%	\$	222	\$	420	(47)%
Total revenue by line of business:																	
Investment Management	\$	546	\$	557	\$	550	\$	579	\$	603	(2)%	(9)%	\$	1,103	\$	1,261	(13)%
Wealth Management	•	267		270	•	275	+	283	•	296	(1)	(10)	+	537	•	602	(11)
Total revenue by line of business	\$	813	\$	827	\$	825	\$	862	\$	899	(2)%	(10)%	\$		\$	1,863	(12)%
Financial ratios:																	
Pre-tax operating margin		16%		11%		15%		(57)%		23%				14%		23%	
Adjusted pre-tax operating margin – Non-GAAP (d)		18%		13%		17%		(64)%	1	26%				15%		25%	
Selected balance sheet data:																	
Average loans	\$ 1	3,995	\$	13,960	\$ 1	14,404	\$	14,482	\$ `	14,087	—%	(1)%	\$	13,977	\$	13,660	2%
Average assets (e)	\$ 2	27,260	\$ 2	28,232	\$ 2	28,488	\$ 2	29,996	\$ 3	33,668	(3)%	(19)%	\$	27,744	\$	34,643	(20)%
Average deposits	<b>\$</b> 1	5,410	\$	16,144	\$ 1	16,416	\$	17,225	\$ 2	20,802	(5)%	(26)%	\$	15,775	\$	21,647	(27)%

(a) On a constant currency basis, investment management and performance fees decreased 8% (Non-GAAP) compared with 2Q22. See "Explanation of GAAP and Non-GAAP Financial Measures" beginning on page 18 for the reconciliation of this Non-GAAP measure.

(b) Other fees primarily include investment services fees.

(c) Investment and other revenue and total fee and other revenue are net of income (loss) attributable to noncontrolling interests related to consolidated investment management funds.

(d) Net of distribution and servicing expense. See "Explanation of GAAP and Non-GAAP Financial Measures" beginning on page 18 for the reconciliation of this Non-GAAP measure.

(e) In business segments where average deposits are greater than average loans, average assets include an allocation of investment securities equal to the difference.



						2Q23	3 vs.			YTD23 vs.
(dollars in billions)	2Q23	1Q23	4Q22	3Q22	2Q22	1Q23	2Q22	YTD23	YTD22	YTD22
AUM by product type (a)(b):					 				 	
Equity	\$ 145	\$ 142	\$ 135	\$ 125	\$ 139	2%	4%			
Fixed income	203	207	198	205	226	(2)	(10)			
Index	440	408	395	366	387	8	14			
Liability-driven investments	579	604	570	546	641	(4)	(10)			
Multi-asset and alternative investments	162	161	153	181	188	1	(14)			
Cash	377	386	385	353	356	(2)	6			
Total AUM	\$ 1,906	\$ 1,908	\$ 1,836	\$ 1,776	\$ 1,937	—%	(2)%			
Changes in AUM (a)(b):										
Beginning balance of AUM	\$ 1,908	\$ 1,836	\$ 1,776	\$ 1,937	\$ 2,266		:	\$ 1,836	\$ 2,434	
Net inflows (outflows):										
Long-term strategies:										
Equity	(3)	(4)	(5)	(5)	(4)			(7)	(8)	
Fixed income	(4)	4	(12)	(3)	(1)			_	(6)	
Liability-driven investments	(3)	10	19	30	12			7	29	
Multi-asset and alternative investments	(1)	(3)	(4)	2	(5)			(4)	(9)	
Total long-term active strategies (outflows) inflows	 (11)	7	(2)	24	2			(4)	6	
Index	2	(2)	(4)	(1)	12			_	7	
Total long-term strategies (outflows) inflows	 (9)	5	(6)	23	14			(4)	13	
Short-term strategies:										
Cash	(9)	_	27	(2)	(26)			(9)	(37)	
Total net (outflows) inflows	 (18)	 5	21	21	(12)			(13)	(24)	
Net market impact	(3)	52	18	(118)	(241)			49	(371)	
Net currency impact	19	15	53	(64)	(76)			34	(102)	
Divestiture	_	_	(32)	_	_			_	_	
Ending balance of AUM	\$ 1,906	\$ 1,908	\$ 1,836	\$ 1,776	\$ 1,937	%	(2)%	5 1,906	\$ 1,937	(2)%
Wealth Management client assets (a)(c)	\$ 286	\$ 279	\$ 269	\$ 256	\$ 264	3%	8%			

(a) June 30, 2023 information is preliminary.

(b) Excludes assets managed outside of the Investment and Wealth Management business segment.

(c) Includes AUM and AUC/A in the Wealth Management line of business.

## THE BANK OF NEW YORK MELLON CORPORATION OTHER SEGMENT



(in millions)	2Q23	1Q23	4Q22	3Q22	2Q22	YTD23	YTD22
Revenue:							
Fee revenue	\$ (2)	\$ 3	\$ 12	\$ 28	\$ 13	\$ 1	\$ 21
Investment and other revenue	(16)	(14)	(442)	(5)	62	(30)	74
Total fee and other revenue	 (18)	(11)	(430)	23	75	(29)	95
Net interest (expense)	(27)	(36)	(48)	(47)	(35)	(63)	(67)
Total revenue	 (45)	(47)	(478)	(24)	40	(92)	28
Provision for credit losses	(25)	27	2	(26)	30	2	47
Noninterest expense	71	41	153	29	63	112	96
(Loss) before income taxes	\$ (91)	\$ (115)	\$ (633)	\$ (27)	\$ (53)	\$ (206)	\$ (115)
Selected balance sheet data:							
Average loans and leases	\$ 1,749	\$ 1,508	\$ 1,267	\$ 1,145	\$ 1,172	\$ 1,630	\$ 1,244
Average assets	\$ 60,050	\$ 50,566	\$ 46,915	\$ 44,407	\$ 42,206	\$ 55,333	\$ 42,371



	March 31,	2Q23	June 30,	2023	Fair value				I	Ratings (c	)	
_(dollars in millions)		change in unrealized gain (loss)	Amortized cost <i>(a)</i>	Fair value	as a % of amortized cost <i>(a)</i>	Unrealized gain (loss)	% Floating rate (b)	AAA/ AA-	A+/ A-	BBB+/ BBB-	BB+ and lower	Not rated
Agency RMBS	\$ 39,519 \$	(358) \$	42,582	38,052	89%	\$ (4,530)	16%	100%	—%	—%	—%	%
U.S. Treasury	35,505	(111)	35,086	33,818	96	(1,268)	50	100	_	_	_	_
Agency commercial MBS	11,824	(42)	12,188	11,441	94	(747)	43	100	_	_	_	_
Sovereign debt/sovereign guaranteed	11,783	(76)	11,217	10,662	95	(555)	25	89	6	4	1	_
Supranational	8,595	(43)	9,025	8,742	97	(283)	60	100	_	_	_	_
CLOs	6,664	28	6,853	6,765	99	(88)	100	100	_		_	_
U.S. government agencies	6,655	(23)	7,262	6,745	93	(517)	42	100	_		_	_
Foreign covered bonds	5,991	(6)	6,382	6,133	96	(249)	58	100	_		_	_
Non-agency commercial MBS	3,069	(9)	3,329	3,031	91	(298)	55	100	_	_	_	_
Foreign government agencies	2,415	(14)	2,500	2,380	95	(120)	36	95	5	_	_	_
Non-agency RMBS	1,986	(3)	2,058	1,895	92	(163)	48	85	3	—	6	6
Other asset-backed securities	1,145	(3)	1,153	1,043	90	(110)	14	100	—	_	—	—
State and political subdivisions	11	1	12	11	88	(1)	—	1	2	3	—	94
Other	1	—	1	1	100	—	—	_	—	_	_	100
Total securities	<b>\$ 135,163</b> (d) <b>\$</b>	(659) \$	139,648	5 <b>130,719</b> (d)(e	94%	<b>\$ (8,929)</b> (d)(f)	40%	99%	1%	—%	—%	—%

(a) Amortized cost reflects historical impairments, and is net of allowance for credit losses.

(b) Includes the impact of hedges.

(c) Represents ratings by S&P, or the equivalent.

(d) Includes net unrealized gains on derivatives hedging securities available-for-sale (including terminated hedges) of \$1,979 million at March 31, 2023 and \$2,406 million at June 30, 2023.

(e) The fair value of available-for-sale securities totaled \$83,477 million at June 30, 2023, net of hedges, or 64% of the fair value of the securities portfolio, net of hedges. The fair value of the held-tomaturity securities totaled \$47,242 million at June 30, 2023, or 36% of the fair value of the securities portfolio, net of hedges.

(f) At June 30, 2023, includes pre-tax net unrealized losses of \$3,009 million related to available-for-sale securities, net of hedges, and \$5,920 million related to held-to-maturity securities. The aftertax unrealized losses, net of hedges, related to available-for-sale securities was \$2,269 million and the after-tax equivalent related to held-to-maturity securities was \$4,513 million.

Note: The amortizable purchase premium (net of discount) relating to securities was \$1,028 million at June 30, 2023 and the amortization of that net purchase premium was \$42 million in 2Q23.

#### THE BANK OF NEW YORK MELLON CORPORATION ALLOWANCE FOR CREDIT LOSSES AND NONPERFORMING ASSETS



		2023			2022	
(dollars in millions)	 June 3	)	March 31	 Dec. 31	Sept. 30	June 30
Allowance for credit losses – beginning of period:						
Allowance for loan losses	\$ 170	\$	176	\$ 164	\$ 181	\$ 171
Allowance for lending-related commitments	83		78	72	62	53
Allowance for other financial instruments (a)	67		38	44	67	39
Allowance for credit losses – beginning of period	\$ 320	\$	292	\$ 280	\$ 310	\$ 263
Net (charge-offs) recoveries:						
Charge-offs	(4)		—	(9)	(1)	(1)
Recoveries	2		1	1	1	1
Total net (charge-offs) recoveries	 (2)	_	1	 (8)	_	 _
Provision for credit losses (b)	5		27	20	(30)	47
Allowance for credit losses – end of period	\$ 323	\$	320	\$ 292	\$ 280	\$ 310
Allowance for credit losses – end of period:						
Allowance for loan losses	\$ 191	\$	170	\$ 176	\$ 164	\$ 181
Allowance for lending-related commitments	91		83	78	72	62
Allowance for other financial instruments (a)	41		67	38	44	67
Allowance for credit losses – end of period	\$ 323	\$	320	\$ 292	\$ 280	\$ 310
Allowance for loan losses as a percentage of total loans	0.30%	)	0.27%	0.27%	0.23%	0.26%
Nonperforming assets	\$ 88	\$	105	\$ 109	\$ 107	\$ 114

(a) Includes allowance for credit losses on federal funds sold and securities purchased under resale agreements, available-for-sale securities, held-to-maturity securities, accounts receivable, cash and due from banks and interest-bearing deposits with banks.

(b) Includes all other instruments within the scope of ASU 2016-13, Financial Instruments – Credit Losses: Measurement of Credit Losses on Financial Instruments.

#### THE BANK OF NEW YORK MELLON CORPORATION EXPLANATION OF GAAP AND NON-GAAP FINANCIAL MEASURES



BNY Mellon has included in this Financial Supplement certain Non-GAAP financial measures on a tangible basis as a supplement to GAAP information, which exclude goodwill and intangible assets, net of deferred tax liabilities. We believe that the return on tangible common equity – Non-GAAP is additional useful information for investors because it presents a measure of those assets that can generate income, and the tangible book value per common share – Non-GAAP is additional useful information because it presents the level of tangible assets in relation to shares of common stock outstanding.

Net interest revenue, on a fully taxable equivalent ("FTE") basis – Non-GAAP and net interest margin (FTE) – Non-GAAP and other FTE measures include the tax equivalent adjustments on tax-exempt income which allows for the comparison of amounts arising from both taxable and tax-exempt sources and is consistent with industry practice. The adjustment to an FTE basis has no impact on net income.

BNY Mellon has also included the adjusted pre-tax operating margin – Non-GAAP, which is the pre-tax operating margin for the Investment and Wealth Management business segment, net of distribution and servicing expense that was passed to third parties who distribute or service our managed funds. We believe that this measure is useful when evaluating the performance of the Investment and Wealth Management business segment relative to industry competitors.

The presentation of the growth rates of investment management and performance fees on a constant currency basis permits investors to assess the significance of changes in foreign currency exchange rates. Growth rates on a constant currency basis were determined by applying the current period foreign currency exchange rates to the prior period revenue. We believe that this presentation, as a supplement to GAAP information, gives investors a clearer picture of the related revenue results without the variability caused by fluctuations in foreign currency exchange rates.

#### Notes:

Return on common and tangible common equity ratios are annualized

Return on common equity and tangible common equity reconciliation							
(dollars in millions)	2Q23	1Q23	4Q22	3Q22	2Q22	YTD23	YTD22
Net income applicable to common shareholders of The Bank of New York Mellon Corporation – GAAP	\$ 1,031	\$ 905	\$ 509	\$ 319	\$ 835	\$ 1,936	\$ 1,534
Add: Amortization of intangible assets	14	14	16	17	17	28	34
Less: Tax impact of amortization of intangible assets	4	3	4	4	4	7	8
Adjusted net income applicable to common shareholders of The Bank of New York Mellon Corporation, excluding amortization of intangible assets – Non-GAAP	\$ 1,041	\$ 916	\$ 521	\$ 332	\$ 848	\$ 1,957	\$ 1,560
Average common shareholders' equity	\$ 35,769	\$ 35,604	\$ 35,259	\$ 35,942	\$ 36,199	\$ 35,687	\$ 36,778
Less: Average goodwill	16,219	16,160	16,229	17,189	17,347	16,190	17,418
Average intangible assets	2,888	2,899	2,905	2,922	2,949	2,894	2,964
Add: Deferred tax liability – tax deductible goodwill	1,193	1,187	1,181	1,175	1,187	1,193	1,187
Deferred tax liability – intangible assets	660	660	660	660	668	660	668
Average tangible common shareholders' equity – Non-GAAP	\$ 18,515	\$ 18,392	\$ 17,966	\$ 17,666	\$ 17,758	\$ 18,456	\$ 18,251
Return on common equity – GAAP	11.6%	10.3%	5.7%	3.5%	9.3%	10.9%	8.4%
Return on tangible common equity – Non-GAAP	22.6%	20.2%	11.5%	7.5%	19.2%	21.4%	17.2%

#### THE BANK OF NEW YORK MELLON CORPORATION EXPLANATION OF GAAP AND NON-GAAP FINANCIAL MEASURES



Book value and tangible book value per common share reconciliation	2	023		2022								
(dollars in millions, except common shares and unless otherwise noted)	 June 30		March 31	Dec. 31		Sept. 30		June 30				
BNY Mellon shareholders' equity at period end – GAAP	\$ 40,933	\$	40,634	\$ 40,734	\$	39,737	\$	40,984				
Less: Preferred stock	4,838		4,838	4,838		4,838		4,838				
BNY Mellon common shareholders' equity at period end – GAAP	 36,095		35,796	35,896		34,899		36,146				
Less: Goodwill	16,246		16,192	16,150		16,412		17,271				
Intangible assets	2,881		2,890	2,901		2,902		2,934				
Add: Deferred tax liability – tax deductible goodwill	1,193		1,187	1,181		1,175		1,187				
Deferred tax liability – intangible assets	660		660	660		660		668				
BNY Mellon tangible common shareholders' equity at period end – Non-GAAP	\$ 18,821	\$	18,561	\$ 18,686	\$	17,420	\$	17,796				
Period-end common shares outstanding (in thousands)	778,782		789,134	808,445		808,280		808,103				
Book value per common share – GAAP	\$ 46.35	\$	45.36	\$ 44.40	\$	43.18	\$	44.73				
Tangible book value per common share – Non-GAAP	\$ 24.17	\$	23.52	\$ 23.11	\$	21.55	\$	22.02				

Net interest margin reconciliation					
(dollars in millions)	 2Q23	 1Q23	 4Q22	 3Q22	 2Q22
Net interest revenue – GAAP	\$ 1,100	\$ 1,128	\$ 1,056	\$ 926	\$ 824
Add: Tax equivalent adjustment	 1	 _	 2	 3	 3
Net interest revenue (FTE) – Non-GAAP	\$ 1,101	\$ 1,128	\$ 1,058	\$ 929	\$ 827
Average interest-earning assets	\$ 362,049	\$ 348,378	\$ 352,987	\$ 352,062	\$ 370,782
Net interest margin – GAAP (a)	1.20%	1.29%	1.19%	1.05%	0.89%
Net interest margin (FTE) – Non-GAAP (a)	1.20%	1.29%	1.19%	1.05%	0.89%

(a) Net interest margin is annualized.



Pre-tax operating margin reconciliation - Investment and Wealth Management business s	egmen	t						
(dollars in millions)		2Q23	1Q23	4Q22	3Q22	2Q22	YTD23	YTD22
Income (loss) before income taxes – GAAP	\$	129	\$ 93	\$ 125	\$ (497)	\$ 208	\$ 222	\$ 420
Total revenue – GAAP	\$	813	\$ 827	\$ 825	\$ 862	\$ 899	\$ 1,640	\$ 1,863
Less: Distribution and servicing expense		93	86	87	88	91	179	170
Adjusted total revenue, net of distribution and servicing expense – Non-GAAP	\$	720	\$ 741	\$ 738	\$ 774	\$ 808	\$ 1,461	\$ 1,693
Pre-tax operating margin – GAAP (a)		16%	11%	15%	(57)%	23%	14%	23%
Adjusted pre-tax operating margin, net of distribution and servicing expense – Non-GAAP (a)		18%	13%	17%	(64)%	26%	15%	25%

(a) Income before income taxes divided by total revenue.

Constant currency reconciliations				2Q23 vs.
(dollars in millions)	2Q23	3	2Q22	2Q22
Consolidated:				
Investment management and performance fees – GAAP	\$ 762	\$	833	(9)%
Impact of changes in foreign currency exchange rates	_		(2)	
Adjusted investment management and performance fees – Non-GAAP	\$ 762	\$	831	(8)%
Investment and Wealth Management business segment:				
Investment management and performance fees – GAAP	\$ 760	\$	830	(8)%
Impact of changes in foreign currency exchange rates	_		(2)	
Adjusted investment management and performance fees – Non-GAAP	\$ 760	\$	828	(8)%