



Supplementary Financial Information

Q3 2022

For the period ended: July 31, 2022

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For the period ended: July 31, 2022

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Note: The supplementary financial information package contains comparative figures that have been reclassified in prior periods, where applicable, to conform with the current reporting period presentation.

Notes

This document is not audited and should be read in conjunction with our Q3 2022 Quarterly Report to Shareholders and 2021 Annual Report.

Non-GAAP Measures: The Bank uses a number of financial measures to assess its performance. Some of these measures are not calculated in accordance with Generally Accepted Accounting Principles (GAAP), which are based on International Financial Reporting Standards (IFRS), are not defined by GAAP and do not have standardized meanings that would ensure consistency and comparability among companies using these or similar measures. The Bank believes that certain non-GAAP measures are useful in assessing ongoing business performance and provide readers with a better understanding of how management assesses performance. These non-GAAP measures are used throughout this report and defined below.

Adjusting Items⁽¹⁾: Adjusted results exclude the following items:

(\$ millions)	2022			2021				2020				Year-To-Date		Full Year	
Adjusting Items (Pre-Tax)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Acquisition-Related Costs															
Integration Costs	-	-	-	-	-	-	-	20	40	41	76	-	-	-	177
Canadian Banking	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
International Banking	-	-	-	-	-	-	-	16	34	33	71	-	-	-	154
Global Wealth Management	-	-	-	-	-	-	-	4	6	8	5	-	-	-	23
Amortization of Intangibles ⁽²⁾	24	24	25	25	24	26	28	26	26	27	27	73	78	103	106
Canadian Banking	5	5	6	6	5	5	6	6	5	6	5	16	16	22	22
International Banking	10	10	10	10	11	11	13	11	12	12	12	30	35	45	47
Global Wealth Management	9	9	9	9	8	10	9	9	9	9	10	27	27	36	37
Other															
Allowance for Credit Losses - Additional Scenario	-	-	-	-	-	-	-	-	-	-	155	-	-	-	155
Canadian Banking	-	-	-	-	-	-	-	-	-	-	71	-	-	-	71
International Banking	-	-	-	-	-	-	-	-	-	-	77	-	-	-	77
Global Wealth Management	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Global Banking and Markets	-	-	-	-	-	-	-	-	-	-	6	-	-	-	6
Derivative Valuation Adjustment	-	-	-	-	-	-	-	-	-	-	116	-	-	-	116
Global Banking and Markets	-	-	-	-	-	-	-	-	-	-	102	-	-	-	102
Other	-	-	-	-	-	-	-	-	-	-	14	-	-	-	14
Net Loss/(Gain) on Divestitures ⁽³⁾	-	-	-	-	-	-	-	8	-	44	-	-	-	-	298
Impairment Charge on Software Asset ⁽²⁾	-	-	-	-	-	-	-	-	-	-	44	-	-	-	44
Restructuring and other provisions ⁽³⁾	-	-	-	188	-	-	-	-	-	-	-	-	-	188	-
Total (Pre-Tax)	24	24	25	213	24	26	28	54	22	68	156	73	78	291	300
Adjusting Items (After-Tax, NCI)															
Acquisition-Related Costs															
Integration Costs	-	-	-	-	-	-	-	15	24	20	41	-	-	-	100
Canadian Banking	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
International Banking	-	-	-	-	-	-	-	12	19	15	37	-	-	-	83
Global Wealth Management	-	-	-	-	-	-	-	3	5	5	4	-	-	-	17
Amortization of Intangibles ⁽²⁾	17	18	18	18	18	19	20	19	18	20	20	53	57	75	77
Canadian Banking	4	4	4	4	4	4	4	4	4	4	4	12	12	16	16
International Banking	6	8	7	7	7	9	9	8	8	9	9	21	25	32	34
Global Wealth Management	7	6	7	7	7	6	7	7	6	7	7	20	20	27	27
Other															
Allowance for Credit Losses - Additional Scenario	-	-	-	-	-	-	-	-	-	-	108	-	-	-	108
Canadian Banking	-	-	-	-	-	-	-	-	-	-	52	-	-	-	52
International Banking	-	-	-	-	-	-	-	-	-	-	51	-	-	-	51
Global Wealth Management	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Global Banking and Markets	-	-	-	-	-	-	-	-	-	-	4	-	-	-	4
Derivative Valuation Adjustment	-	-	-	-	-	-	-	-	-	-	85	-	-	-	85
Global Banking and Markets	-	-	-	-	-	-	-	-	-	-	75	-	-	-	75
Other	-	-	-	-	-	-	-	-	-	-	10	-	-	-	10
Net Loss/(Gain) on Divestitures ⁽³⁾	-	-	-	-	-	-	-	5	-	43	-	-	-	-	354
Impairment Charge on Software Asset ⁽²⁾	-	-	-	-	-	-	-	-	-	-	32	-	-	-	32
Restructuring and other provisions ⁽³⁾	-	-	-	129	-	-	-	-	-	-	-	-	-	129	-
Total (After-Tax, NCI)	17	18	18	147	18	19	20	39	-	1	40	53	57	204	48

(1) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(2) Excludes amortization of intangibles related to software.

(3) Recorded in Other operating segment.

Notes (Cont'd)

	For the three months ended			For the nine months ended	
(\$ millions)	July 31, 2022	April 30, 2022	July 31, 2021	July 31, 2022	July 31, 2021
Reported Results					
Net interest income	4,676	4,473	4,217	13,493	12,744
Non-interest income	3,123	3,469	3,540	10,297	10,821
Total revenue	7,799	7,942	7,757	23,790	23,565
Provision for credit losses	412	219	380	853	1,640
Non-interest expenses	4,191	4,159	4,097	12,573	12,347
Income before taxes	3,196	3,564	3,280	10,364	9,578
Income tax expense	602	817	738	2,283	2,182
Net income	2,594	2,747	2,542	8,081	7,396
Net income attributable to non-controlling interests in subsidiaries (NCI)	54	78	81	220	261
Net income attributable to equity holders	2,540	2,669	2,461	7,861	7,135
Preferred shareholders and other equity instrument holders	36	74	35	154	155
Net income attributable to common shareholders	2,504	2,595	2,426	7,707	6,980
Diluted earnings per share (in dollars)	2.09	2.16	1.99	6.39	5.73
Adjustments					
Amortization of Acquisition-related intangible assets, excluding software ⁽¹⁾	24	24	24	73	78
Adjustments (Pre-tax)	24	24	24	73	78
Income tax expense/(benefit)	(7)	(6)	(6)	(20)	(21)
Adjustments (After-tax)	17	18	18	53	57
Adjustment attributable to NCI	-	-	-	-	-
Adjustments (After-tax and NCI)	17	18	18	53	57
Adjusted Results					
Net interest income	4,676	4,473	4,217	13,493	12,744
Non-interest income	3,123	3,469	3,540	10,297	10,821
Total revenue	7,799	7,942	7,757	23,790	23,565
Provision for credit losses	412	219	380	853	1,640
Non-interest expenses	4,167	4,135	4,073	12,500	12,269
Income before taxes	3,220	3,588	3,304	10,437	9,656
Income tax expense	609	823	744	2,303	2,203
Net income	2,611	2,765	2,560	8,134	7,453
Net income attributable to NCI	54	78	81	220	261
Net income attributable to equity holders	2,557	2,687	2,479	7,914	7,192
Preferred shareholders and other equity instrument holders	36	74	35	154	155
Net income attributable to common shareholders	2,521	2,613	2,444	7,760	7,037
Adjusted diluted earnings per share					
Adjusted net income attributable to common shareholders	2,521	2,613	2,444	7,760	7,037
Dilutive impact of share-based payment options and others	6	-	9	92	41
Adjusted net income attributable to common shareholders (diluted)	2,527	2,613	2,453	7,852	7,078
Weighted average number of basic common shares outstanding (millions)	1,195	1,199	1,215	1,201	1,213
Dilutive impact of share-based payment options and others (\$ millions)	8	2	8	20	12
Adjusted weighted average number of dilutive common shares outstanding (millions)	1,203	1,201	1,223	1,221	1,225
Adjusted diluted earnings per share (in dollars) ⁽²⁾	2.10	2.18	2.01	6.43	5.78
Impact of adjustments on diluted earnings per share (in dollars)	0.01	0.02	0.02	0.04	0.05

(1) Recorded in non-interest expenses.

(2) Earnings per share calculations are based on full dollar and share amounts.

Enhanced Disclosure Task Force (EDTF) Recommendations

Below is the index of EDTF recommendations to facilitate easy reference in the Bank's public disclosure documents available on www.scotiabank.com/investorrelations.

July 31, 2022 Reference Table for EDTF

Recommendation			Q3/22		2021 Annual Report	
Type of Risk	Number	Disclosure	Quarterly Report	Supplementary Regulatory Capital Disclosures	MD&A	Financial Statements
General	1	The index of risks to which the business is exposed.			14	
	2	The Bank's risk to terminology, measures and key parameters.			82-85	
	3	Top and emerging risks, and the changes during the reporting period.			87-88, 92-98	
	4	Discussion on the regulatory development and plans to meet new regulatory ratios.	42, 46-49		61-64, 106-109, 122-124	
Risk Governance, Risk Management and Business Model	5	The Bank's Risk Governance structure.			79-81	
	6	Description of risk culture and procedures applied to support the culture.			82-85	
	7	Description of key risks from the Bank's business model.			86	
	8	Stress testing use within the Bank's risk governance and capital management.			82-83	
Capital Adequacy and Risk-Weighted Assets	9	Pillar 1 capital requirements, and the impact for global systemically important banks.	46	3	61-64	216
	10	a) Regulatory capital components.	46, 77	18-21	65	
		b) Reconciliation of the accounting balance sheet to the regulatory balance sheet.		15-16		
	11	Flow statement of the movements in regulatory capital since the previous reporting period, including changes in common equity tier 1, additional tier 1 and tier 2 capital.	46	70	66-67	
	12	Discussion of targeted level of capital, and the plans on how to establish this.			61-64	
	13	Analysis of risk-weighted assets by risk type, business, and market risk RWAs.		5, 34, 36-47, 55-57, 61, 73, 79	69-73, 86, 131	185, 240
	14	Analysis of the capital requirements for each Basel asset class.		13-14, 34-48, 54-57, 61, 66-69	69-73	185, 233-240
	15	Tabulate credit risk in the Banking Book.	81	13-14, 34-48, 66-69	69-73	235
	16	Flow statements reconciling the movements in risk-weighted assets for each risk-weighted asset type.		49, 60, 72	69-73	
	17	Discussion of Basel III Back-testing requirement including credit risk model performance and validation.		77	70-72	
Liquidity Funding	18	Analysis of the Bank's liquid assets.	37-40		104-109	
	19	Encumbered and unencumbered assets analyzed by balance sheet category.	37-40		106	
	20	Consolidated total assets, liabilities and off-balance sheet commitments analyzed by remaining contractual maturity at the balance sheet date.	44-45		110-112	
	21	Analysis of the Bank's sources of funding and a description of the Bank's funding strategy.	42-43		109-110	
Market Risk	22	Linkage of market risk measures for trading and non-trading portfolios and the balance sheet.	36-37		103	
	23	Discussion of significant trading and non-trading market risk factors.	82-83		99-104	239-240
	24	Discussion of changes in period on period VaR results as well as VaR assumptions, limitations, backtesting and validation.	35, 83		99-104	239-240
	25	Other risk management techniques e.g. stress tests, stressed VaR, tail risk and market liquidity horizon.			99-104	240
Credit Risk	26	Analysis of the aggregate credit risk exposures, including details of both personal and wholesale lending.		5, 34, 36-47, 55-57	92-98, 125-131	194-196, 236-238
	27	Discussion of the policies for identifying impaired loans, defining impairments and renegotiated loans, and explaining loan forbearance policies.				163-165, 196
	28	Reconciliations of the opening and closing balances of impaired loans and impairment allowances during the year	65	31, 32	94, 125-126, 128-129	196
	29	Analysis of counterparty credit risk that arises from derivative transactions.	47, 81-82	78	90-91	183-186
	30	Discussion of credit risk mitigation, including collateral held for all sources of credit risk.	81-82		90-91, 95	
Other Risks	31	Quantified measures of the management of operational risk.			73, 113	
	32	Discussion of publicly known risk items.	48		78	

Highlights

	2022			2021				2020				Year-To-Date		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Operating Performance															
Reported (\$ millions)															
Net income	2,594	2,747	2,740	2,559	2,542	2,456	2,398	1,899	1,304	1,324	2,326	8,081	7,396	9,955	6,853
Net income attributable to common shareholders	2,504	2,595	2,608	2,411	2,426	2,289	2,265	1,745	1,332	1,243	2,262	7,707	6,980	9,391	6,582
EPS (\$) — Basic	2.10	2.16	2.15	1.98	2.00	1.89	1.87	1.44	1.10	1.03	1.86	6.41	5.75	7.74	5.43
— Diluted	2.09	2.16	2.14	1.97	1.99	1.88	1.86	1.42	1.04	1.00	1.84	6.39	5.73	7.70	5.30
ROE (%) ⁽¹⁾	15.3	16.2	15.8	14.8	15.0	14.8	14.2	11.0	8.3	7.9	14.2	15.8	14.7	14.7	10.4
Net interest margin (%) ⁽²⁾	2.22	2.23	2.16	2.17	2.23	2.26	2.27	2.22	2.10	2.35	2.45	2.20	2.25	2.23	2.27
Productivity ratio (%) ⁽³⁾	53.7	52.4	52.5	55.6	52.8	52.2	52.1	54.1	52.0	54.8	54.3	52.8	52.4	53.2	53.8
Effective tax rate (%) ⁽¹⁾	18.8	22.9	24.0	21.2	22.5	23.2	22.7	18.0	15.1	24.2	16.8	22.0	22.8	22.4	18.4
Effective tax rate (TEB) (%) ⁽²⁾	21.1	24.8	25.9	23.2	24.1	24.9	24.2	20.2	18.3	27.2	18.7	24.1	24.4	24.1	20.8
Adjusted (\$ millions)⁽³⁾															
Net income	2,611	2,765	2,758	2,716	2,560	2,475	2,418	1,938	1,308	1,371	2,344	8,134	7,453	10,169	6,961
Net income attributable to common shareholders (Diluted)	2,527	2,613	2,650	2,565	2,453	2,321	2,327	1,805	1,295	1,266	2,278	7,852	7,078	9,643	6,668
EPS (\$) — Diluted	2.10	2.18	2.15	2.10	2.01	1.90	1.88	1.45	1.04	1.04	1.83	6.43	5.78	7.87	5.36
ROE (%)	15.4	16.4	15.9	15.6	15.1	14.9	14.4	11.3	8.3	8.2	13.9	15.9	14.8	15.0	10.4
Productivity ratio (%)	53.4	52.1	52.2	52.8	52.5	51.9	51.8	53.3	51.4	54.0	53.4	52.5	52.1	52.2	53.0
Balance Sheet (\$ billions)															
Total assets	1,292.1	1,288.5	1,245.5	1,184.8	1,163.4	1,125.2	1,164.1	1,136.5	1,169.9	1,247.1	1,154.0				
Net loans and acceptances	733.2	708.7	688.2	657.4	644.8	623.8	618.4	617.4	629.3	647.9	613.7				
Deposits	879.6	876.6	851.0	797.3	794.4	756.7	769.0	750.8	768.0	797.7	763.9				
Common shareholders' equity	65.0	64.8	66.2	64.8	64.7	63.5	63.4	62.8	62.9	64.3	63.5				
Credit Quality															
Gross impaired loans	4,252	4,264	4,435	4,456	4,735	5,116	5,279	5,053	5,148	5,120	4,770				
— % of loans and acceptances ⁽¹⁾	0.58	0.60	0.64	0.67	0.73	0.81	0.84	0.81	0.81	0.78	0.77				
Net impaired loans (\$ millions)	2,695	2,660	2,812	2,801	2,976	3,178	3,285	3,096	3,361	3,473	3,233				
— % of loans and acceptances ⁽¹⁾	0.36	0.37	0.41	0.42	0.46	0.50	0.52	0.50	0.53	0.53	0.52				
Allowance for credit losses (\$ millions) ⁽³⁾	5,295	5,375	5,583	5,731	6,232	6,893	7,810	7,820	7,403	6,079	5,095				
Net write-offs as a % of average net loans and acceptances ⁽¹⁾	0.21	0.25	0.27	0.34	0.62	0.76	0.43	0.41	0.47	0.47	0.54	0.24	0.60	0.54	0.47
Reported															
Provision for credit losses (PCL) (\$ millions) ⁽⁴⁾	412	219	222	168	380	496	764	1,131	2,181	1,846	926	853	1,640	1,808	6,084
PCL on loans and acceptances (\$ millions) ⁽⁵⁾	404	218	222	170	379	496	764	1,131	2,181	1,847	926	844	1,639	1,809	6,085
PCL as % of average net loans and acceptances ⁽¹⁾⁽⁵⁾	0.22	0.13	0.13	0.10	0.24	0.33	0.49	0.73	1.36	1.19	0.61	0.16	0.35	0.29	0.98
PCL on impaired loans as % of average net loans and acceptances ⁽¹⁾⁽⁵⁾	0.21	0.24	0.24	0.31	0.53	0.80	0.49	0.54	0.58	0.56	0.55	0.23	0.60	0.53	0.56
Adjusted⁽³⁾															
PCL (\$ millions) ⁽⁴⁾	412	219	222	168	380	496	764	1,131	2,181	1,846	771	853	1,640	1,808	5,929
PCL on loans and acceptances (\$ millions) ⁽⁵⁾	404	218	222	170	379	496	764	1,131	2,181	1,847	771	844	1,639	1,809	5,930
PCL as % of average net loans and acceptances ⁽⁵⁾	0.22	0.13	0.13	0.10	0.24	0.33	0.49	0.73	1.36	1.19	0.51	0.16	0.35	0.29	0.95
PCL on impaired loans as % of average net loans and acceptances ⁽⁵⁾	0.21	0.24	0.24	0.31	0.53	0.80	0.49	0.54	0.58	0.56	0.53	0.23	0.60	0.53	0.55
Capital and Liquidity Measures															
CET1 capital ratio (%) ⁽⁶⁾	11.4	11.6	12.0	12.3	12.2	12.3	12.2	11.8	11.3	10.9	11.4				
Tier 1 capital ratio (%) ⁽⁶⁾	13.0	12.8	13.4	13.9	13.7	13.6	13.6	13.3	12.8	11.9	12.5				
Total capital ratio (%) ⁽⁶⁾	15.0	15.0	15.1	15.9	15.7	15.7	15.7	15.5	14.9	14.0	14.6				
Leverage ratio (%) ⁽⁷⁾	4.2	4.2	4.4	4.8	4.8	4.7	4.7	4.7	4.6	4.4	4.0				
CET1 risk-weighted assets (\$ millions) ⁽⁶⁾	452,800	445,273	433,682	416,105	414,169	404,727	406,780	404,727	430,542	446,173	420,694				
Net stable funding ratio (NSFR) (%) ⁽⁸⁾	109	109	108	110	112	112	115	n.a.	n.a.	n.a.	n.a.				
Liquidity coverage ratio (%) ⁽⁹⁾	122	125	123	124	123	129	129	138	141	132	127				
Total Loss Absorbing Capacity (as a % of leverage exposure) ⁽¹⁰⁾	9.3	9.8	9.4	9.6	8.8	8.3	8.0	8.2	7.6	7.2	6.1				
TLAC (as a % of risk-weighted assets adjusted as permitted under the TLAC regime) ⁽¹⁰⁾	28.4	30.1	28.3	27.8	25.3	24.2	23.3	23.0	21.0	19.4	18.7				

(1) Refer to page 51 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>, for an explanation of the composition of the measure. Such explanation is incorporated by reference hereto.

(2) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(3) Includes allowance for credit losses on all financial assets - loans, acceptances, off-balance sheet exposures and other financial assets.

(4) Includes provision for credit losses on all financial assets - loans, acceptances, off-balance sheet exposures and other financial assets.

(5) Includes provision for credit losses on certain financial assets - loans, acceptances and off-balance sheet exposures.

(6) This measure has been disclosed in this document in accordance with OSFI Guideline - Capital Adequacy Requirements (November 2018).

(7) This measure has been disclosed in this document in accordance with OSFI Guideline - Leverage Requirements (November 2018).

(8) This measure has been disclosed in this document in accordance with OSFI Guideline - Public Disclosure Requirements for Domestic Systemically Important Banks on Net Stable Funding Ratio Disclosure Requirements (January 2021).

(9) This measure has been disclosed in this document in accordance with OSFI Guideline - Public Disclosure Requirements for Domestic Systemically Important Banks on Liquidity Coverage Ratio (April 2015).

(10) This measure has been disclosed in this document in accordance with OSFI Guideline - Total Loss Absorbing Capacity (September 2018).

Common Share and Other Information

	2022			2021				2020				Year-To-Date		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Valuation															
Book value per common share (\$) ⁽¹⁾	54.52	54.13	54.94	53.28	53.26	52.29	52.28	51.85	51.91	53.05	52.33	54.52	53.26	53.28	51.85
Share price (\$)															
— High	86.22	95.00	93.34	83.11	82.35	80.16	71.17	58.99	61.80	74.92	76.75	95.00	82.35	83.11	76.75
— Low	71.21	81.25	79.62	75.84	76.56	68.29	55.11	53.54	49.11	46.38	71.65	71.21	55.11	55.11	46.38
— Close	78.01	81.35	91.56	81.14	77.87	78.27	68.20	55.35	55.01	55.80	72.28	78.01	77.87	81.14	55.35
Share price (closing) as % of book value ⁽¹⁾	143.1	150.3	166.6	152.3	146.2	149.7	130.5	106.8	106.0	105.2	106.8	143.1	146.2	152.3	106.8
Price (closing)/earnings ratio (X) ⁽¹⁾⁽²⁾	9.3	9.8	11.4	10.5	10.8	12.4	12.5	10.2	9.6	9.1	10.5	9.3	10.8	10.5	10.2
Market capitalization (\$ millions)	93,059	97,441	110,274	98,612	94,620	94,988	82,684	67,055	66,641	67,594	87,687	93,059	94,620	98,612	67,055
Dividends															
Common dividends paid (\$ millions)	1,229	1,195	1,207	1,095	1,093	1,092	1,091	1,091	1,090	1,090	1,092	3,631	3,276	4,371	4,363
Common dividends/share (\$)	1.03	1.00	1.00	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	3.03	2.70	3.60	3.60
Shares															
Number of common shares outstanding at period end (millions)	1,193	1,198	1,204	1,215	1,215	1,214	1,212	1,211	1,211	1,211	1,213				
Average number of common shares outstanding (millions)															
— Basic	1,195	1,199	1,211	1,215	1,215	1,213	1,212	1,211	1,211	1,212	1,214	1,201	1,213	1,214	1,212
— Diluted	1,203	1,201	1,230	1,224	1,223	1,223	1,237	1,246	1,245	1,222	1,247	1,221	1,225	1,225	1,243
Other Information⁽³⁾															
Employees ⁽⁴⁾	90,978	90,619	89,782	89,488	90,833	89,847	89,808	91,447	94,681	96,897	99,277				
Branches and offices	2,392	2,405	2,424	2,518	2,555	2,569	2,597	2,618	2,905	2,953	3,048				
ABMs ⁽⁵⁾	8,619	8,501	8,505	8,610	8,609	8,695	8,716	8,791	8,793	8,949	9,007				
Legacy Senior Debt Credit Ratings															
Moody's ⁽⁶⁾	Aa2	Aa2	Aa2	Aa2	Aa2	Aa2	Aa2	Aa2	Aa2	Aa2	Aa2				
Standard & Poor's ⁽⁶⁾	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+				
Fitch ⁽⁶⁾	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA-				
DBRS ⁽⁶⁾	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA				

(1) Refer to page 51 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>, for an explanation of the composition of the measure. Such explanation is incorporated by reference hereto.

(2) Based on trailing 4 quarters' EPS.

(3) Excludes affiliates.

(4) Employees are reported on a full-time equivalent basis.

(5) Prior periods have been restated to conform with current period presentation.

(6) As of July 31, 2022, outlook is Stable (Moody's, Standard & Poor's, DBRS and Fitch).

Consolidated Statement of Income

	2022			2021				2020				Year-To-Date		Full Year	
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Interest income	8,885	7,092	6,463	6,186	6,101	6,187	6,512	6,652	6,986	7,838	8,236	22,440	18,800	24,986	29,712
Interest expense	4,209	2,619	2,119	1,969	1,884	2,011	2,161	2,394	2,733	3,421	3,844	8,947	6,056	8,025	12,392
Net interest income	4,676	4,473	4,344	4,217	4,217	4,176	4,351	4,258	4,253	4,417	4,392	13,493	12,744	16,961	17,320
Non-interest income	3,123	3,469	3,705	3,470	3,540	3,560	3,721	3,247	3,481	3,539	3,749	10,297	10,821	14,291	14,016
Total revenue	7,799	7,942	8,049	7,687	7,757	7,736	8,072	7,505	7,734	7,956	8,141	23,790	23,565	31,252	31,336
Provision for credit losses	412	219	222	168	380	496	764	1,131	2,181	1,846	926	853	1,640	1,808	6,084
Total non-interest expenses	4,191	4,159	4,223	4,271	4,097	4,042	4,208	4,057	4,018	4,363	4,418	12,573	12,347	16,618	16,856
Income before taxes	3,196	3,564	3,604	3,248	3,280	3,198	3,100	2,317	1,535	1,747	2,797	10,364	9,578	12,826	8,396
Income tax expense	602	817	864	689	738	742	702	418	231	423	471	2,283	2,182	2,871	1,543
Reported net income	2,594	2,747	2,740	2,559	2,542	2,456	2,398	1,899	1,304	1,324	2,326	8,081	7,396	9,955	6,853
Adjusting items (after tax) ⁽¹⁾	17	18	18	157	18	19	20	39	4	47	18	53	57	214	108
Adjusted net income⁽²⁾	2,611	2,765	2,758	2,716	2,560	2,475	2,418	1,938	1,308	1,371	2,344	8,134	7,453	10,169	6,961
Reported net income attributable to NCI in subsidiaries	54	78	88	70	81	90	90	72	(51)	15	39	220	261	331	75
Adjusted net income attributable to NCI in subsidiaries ⁽¹⁾	54	78	88	80	81	90	90	72	(46)	22	87	220	261	341	135
Reported net income attributable to equity holders of the Bank	2,540	2,669	2,652	2,489	2,461	2,366	2,308	1,827	1,355	1,309	2,287	7,861	7,135	9,624	6,778
Preferred shareholders	36	74	44	78	35	77	43	82	23	66	25	154	155	233	196
Common shareholders	2,504	2,595	2,608	2,411	2,426	2,289	2,265	1,745	1,332	1,243	2,262	7,707	6,980	9,391	6,582
Adjusted net income attributable to equity holders of the Bank ⁽¹⁾	2,557	2,687	2,670	2,636	2,479	2,385	2,328	1,866	1,354	1,349	2,257	7,914	7,192	9,828	6,826
Adjusted net income attributable to common shareholders ⁽¹⁾	2,521	2,613	2,626	2,558	2,444	2,308	2,285	1,784	1,331	1,283	2,232	7,760	7,037	9,595	6,630
Adjusted diluted impact of share-based payment options and others ⁽¹⁾⁽²⁾	6	-	24	7	9	13	42	21	(36)	(17)	46	92	41	48	38
Adjusted net income attributable to common shareholders (Diluted)⁽²⁾	2,527	2,613	2,650	2,565	2,453	2,321	2,327	1,805	1,295	1,266	2,278	7,852	7,078	9,643	6,668

(1) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(2) The quarterly adjustments may not sum to the full year adjustment resulting from timing differences of the calculations.

Business Segment Performance: Canadian Banking

	2022			2021				2020				Year-To-Date		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Income Statement — Taxable Equivalent Basis (\$ millions)															
Net interest income (TEB)	2,361	2,144	2,133	2,082	2,030	1,934	1,984	1,954	1,930	1,951	2,003	6,638	5,948	8,030	7,838
Non-interest income (TEB)	758	759	741	749	765	690	664	612	570	575	704	2,258	2,119	2,868	2,461
Net fee and commission revenues	637	649	639	621	606	564	542	500	472	483	576	1,925	1,712	2,333	2,031
Net income (loss) from investments in associated corporations	15	18	8	18	23	26	20	15	9	12	20	41	69	87	56
Other operating income (TEB)	106	92	94	110	136	100	102	97	89	80	108	292	338	448	374
Total revenue (TEB)	3,119	2,903	2,874	2,831	2,795	2,624	2,648	2,566	2,500	2,526	2,707	8,896	8,067	10,898	10,299
Provision for credit losses — Charge/(Recovery)	93	(12)	(35)	(96)	69	145	215	330	752	670	321	46	429	333	2,073
Non-interest expenses	1,385	1,324	1,282	1,251	1,267	1,229	1,204	1,186	1,172	1,220	1,233	3,991	3,700	4,951	4,811
Income before taxes	1,641	1,591	1,627	1,676	1,459	1,250	1,229	1,050	576	636	1,153	4,859	3,938	5,614	3,415
Income tax expense (TEB)	428	412	426	438	380	323	318	272	147	159	301	1,266	1,021	1,459	879
Reported net income	1,213	1,179	1,201	1,238	1,079	927	911	778	429	477	852	3,593	2,917	4,155	2,536
Adjusting items (after-tax) ⁽¹⁾	4	4	4	4	4	4	4	4	4	4	56	12	12	16	68
Adjusted net income⁽²⁾	1,217	1,183	1,205	1,242	1,083	931	915	782	433	481	908	3,605	2,929	4,171	2,604
Reported net income attributable to non-controlling interests	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reported net income attributable to equity holders of the Bank	1,213	1,179	1,201	1,238	1,079	927	911	778	429	477	852	3,593	2,917	4,155	2,536
Adjusted net income attributable to non-controlling interests⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjusted net income attributable to equity holders of the Bank⁽²⁾	1,217	1,183	1,205	1,242	1,083	931	915	782	433	481	908	3,605	2,929	4,171	2,604
Profitability Measurements															
Net interest margin ⁽³⁾	2.29	2.22	2.19	2.20	2.23	2.26	2.26	2.26	2.26	2.33	2.36	2.23	2.25	2.23	2.30
Net write-offs as a % of average net loans and acceptances ⁽²⁾	0.12	0.14	0.14	0.12	0.18	0.24	0.22	0.25	0.30	0.31	0.29	0.13	0.21	0.19	0.29
Reported															
Return on equity (%) ⁽¹⁾	26.1	27.1	27.4	29.4	26.1	23.5	21.9	18.4	10.1	11.4	20.6	26.8	23.8	25.2	15.1
Reported provision for credit losses (PCL) as % of average net loans and acceptances ⁽²⁾⁽⁴⁾	0.09	(0.01)	(0.03)	(0.10)	0.07	0.16	0.23	0.37	0.85	0.77	0.36	0.01	0.16	0.09	0.59
Reported provision for credit losses (PCL) on impaired loans as % of average net loans and acceptances ⁽²⁾⁽⁴⁾	0.13	0.13	0.12	0.10	0.14	0.27	0.23	0.27	0.36	0.36	0.30	0.13	0.21	0.18	0.32
Productivity ratio (%) ⁽²⁾	44.4	45.6	44.6	44.2	45.3	46.8	45.5	46.2	46.9	48.3	45.6	44.9	45.9	45.4	46.7
Adjusted⁽²⁾															
Return on equity (%)	26.2	27.2	27.5	29.4	26.2	23.6	22.0	18.5	10.2	11.5	21.9	26.9	23.9	25.3	15.5
Provision for credit losses (PCL) as % of average net loans and acceptances ⁽³⁾	0.09	(0.01)	(0.03)	(0.10)	0.07	0.16	0.23	0.37	0.85	0.77	0.28	0.01	0.16	0.09	0.57
Provision for credit losses (PCL) on impaired loans as % of average net loans and acceptances ⁽³⁾	0.13	0.13	0.12	0.10	0.14	0.27	0.23	0.27	0.36	0.36	0.29	0.13	0.21	0.18	0.32
Productivity ratio (%)	44.2	45.4	44.4	44.0	45.1	46.6	45.3	46.0	46.7	48.1	45.4	44.7	45.7	45.2	46.5
Average Balance Sheet (\$ billions)															
Residential mortgages	278.4	271.8	264.9	255.2	243.3	234.8	231.0	225.5	220.7	217.8	215.4	271.7	236.4	241.1	219.9
Personal loans	70.5	68.8	68.6	68.7	68.3	67.8	69.2	69.7	69.3	70.9	71.3	69.3	68.4	68.5	70.3
Credit cards ⁽⁴⁾	6.9	6.5	6.6	6.4	6.2	6.2	6.6	6.7	6.9	7.6	8.1	6.7	6.3	6.4	7.3
Business and government loans & acceptances	77.8	72.7	68.3	64.8	63.3	61.0	58.9	58.2	59.1	58.9	56.3	72.9	61.1	62.0	58.1
Total loans & acceptances	433.6	419.8	408.4	395.1	381.1	369.8	365.7	360.1	356.0	355.2	351.1	420.6	372.2	378.0	355.6
Other assets	3.7	3.4	3.3	3.0	2.8	2.6	2.6	2.7	3.2	3.4	3.4	3.5	2.7	2.8	3.2
Total assets	437.3	423.2	411.7	398.1	383.9	372.4	368.3	362.8	359.2	358.6	354.5	424.1	374.9	380.8	358.8
Personal deposits	196.2	190.0	187.2	188.3	190.5	189.0	189.0	185.6	181.7	170.5	169.5	191.1	189.5	189.2	176.9
Non-personal deposits	114.9	112.3	111.4	109.8	107.5	103.7	100.1	93.3	85.6	79.3	78.9	112.9	103.8	105.3	84.3
Total deposits	311.1	302.3	298.6	298.1	298.0	292.7	289.1	278.9	267.3	249.8	248.4	304.0	293.3	294.5	261.2
Other liabilities	25.5	23.3	21.7	19.7	19.3	17.9	17.2	16.3	15.9	15.2	15.0	23.5	18.1	18.5	15.6
Total liabilities	336.6	325.6	320.3	317.8	317.3	310.6	306.3	295.2	283.2	265.0	263.4	327.5	311.4	313.0	276.8
Other Information															
Branches	947	951	954	954	956	959	956	952	948	949	950				
Employees ⁽⁵⁾	18,861	18,683	18,259	17,877	17,424	17,315	17,185	17,531	17,721	18,283	18,074				
ABMs	3,734	3,742	3,746	3,766	3,552	3,556	3,543	3,540	3,530	3,642	3,648				

(1) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(2) Refer to page 51 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>, for an explanation of the composition of the measure. Such explanation is incorporated by reference hereto.

(3) Provision for credit losses on certain financial assets - loans, acceptances and off-balance sheet exposures.

(4) Credit Cards include retail and small business cards. Prior periods have been restated to conform with current presentation.

(5) Employees are reported on a full time equivalent basis and includes Canadian and International Contact Centre employees providing support to Canadian Banking.

Business Segment Performance: International Banking															
	2022			2021				2020				Year-To-Date		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Income Statement — Taxable Equivalent Basis (TEB) — (\$ millions)															
Net interest income (TEB)	1,759	1,687	1,648	1,589	1,586	1,662	1,788	1,785	1,906	1,907	2,005	5,094	5,036	6,625	7,603
Non-interest income (TEB)	660	720	749	728	776	716	773	763	664	800	980	2,129	2,265	2,993	3,207
Net fee and commission revenues	539	547	550	519	494	525	520	493	468	542	647	1,636	1,539	2,058	2,150
Net income (loss) from investments in associated corporations	54	77	68	52	52	53	49	38	47	65	93	199	154	206	243
Other operating income (TEB)	67	96	131	157	230	138	204	232	149	193	240	294	572	729	814
Total revenue (TEB)	2,419	2,407	2,397	2,317	2,362	2,378	2,561	2,548	2,570	2,707	2,985	7,223	7,301	9,618	10,810
Provision for credit losses	325	276	274	314	339	396	525	736	1,278	1,019	580	875	1,260	1,574	3,613
Non-interest expenses	1,295	1,268	1,285	1,259	1,299	1,294	1,402	1,424	1,390	1,465	1,664	3,848	3,995	5,254	5,943
Income before taxes	799	863	838	744	724	688	634	388	(98)	223	741	2,500	2,046	2,790	1,254
Income tax expense (TEB)	122	182	208	137	160	181	157	55	(70)	38	159	512	498	635	182
Reported net income	677	681	630	607	564	507	477	333	(28)	185	582	1,988	1,548	2,155	1,072
Adjusting items (after-tax) ⁽¹⁾	6	8	7	7	7	9	9	20	32	31	117	21	25	32	200
Adjusted net income ⁽²⁾	683	689	637	614	571	516	486	353	4	216	699	2,009	1,573	2,187	1,272
Reported net income attributable to non-controlling interests (NCI)	52	76	85	79	78	87	88	70	(54)	12	64	213	253	332	92
Reported net income attributable to equity holders of the Bank (NIAEH)	625	605	545	528	486	420	389	263	26	173	518	1,775	1,295	1,823	980
— Reported NIAEH relating to divested operations	-	-	-	2	1	-	4	4	-	(1)	67	-	5	7	70
Adjusted net income attributable to non-controlling interests (NCI) ⁽³⁾	52	76	85	79	78	87	88	70	(49)	19	84	213	253	332	124
Adjusted net income attributable to equity holders of the Bank (NIAEH) ⁽³⁾	631	613	552	535	493	429	398	283	53	197	615	1,796	1,320	1,855	1,148
— Adjusted NIAEH relating to divested operations ⁽¹⁾	-	-	-	2	1	-	4	4	-	(1)	67	-	5	7	70
Profitability Measurements															
Net interest margin ⁽¹⁾	3.85	3.86	3.76	3.69	3.72	3.95	4.03	3.97	3.99	4.28	4.51	3.82	3.90	3.85	4.18
Net write-offs as a % of average net loans and acceptances ⁽²⁾	0.74	0.76	0.88	1.25	2.37	2.72	1.27	1.06	1.17	1.24	1.47	0.79	2.11	1.89	1.24
Reported															
Return on equity (%) ⁽¹⁾	13.0	13.2	12.2	12.0	11.1	9.9	8.5	5.6	0.4	3.5	10.6	12.8	9.8	10.4	5.0
Provision for credit losses (PCL) as % of average net loans and acceptances ⁽²⁾⁽³⁾	0.84	0.77	0.77	0.91	1.00	1.18	1.49	2.07	3.33	2.78	1.57	0.80	1.23	1.15	2.45
PCL on impaired loans as % of average net loans and acceptances ⁽²⁾⁽³⁾	0.68	0.77	0.81	1.18	2.08	2.81	1.50	1.58	1.49	1.45	1.45	0.75	2.12	1.88	1.49
Productivity ratio (%) ⁽²⁾	53.5	52.7	53.6	54.3	55.0	54.4	54.7	55.9	54.1	54.1	55.7	53.3	54.7	54.6	55.0
Adjusted ⁽³⁾															
Return on equity (%)	13.1	13.3	12.4	12.2	11.3	10.1	8.7	6.0	0.9	4.0	12.7	13.0	10.0	10.6	5.8
PCL as % of average net loans and acceptances ⁽¹⁾	0.84	0.77	0.77	0.91	1.00	1.18	1.49	2.07	3.33	2.78	1.36	0.80	1.23	1.15	2.40
PCL on impaired loans as % of average net loans and acceptances ⁽¹⁾	0.68	0.77	0.81	1.18	2.08	2.81	1.50	1.58	1.49	1.45	1.37	0.75	2.12	1.88	1.47
Productivity ratio (%)	53.2	52.2	53.2	53.9	54.6	53.9	54.2	54.8	52.3	52.5	52.9	52.9	54.2	54.2	53.1
Average Balance Sheet (\$ billions)															
Residential mortgages	42.3	42.0	39.7	38.6	38.3	38.8	38.9	37.5	37.8	37.4	39.6	41.3	38.6	38.6	38.1
Personal loans	18.4	18.2	17.7	17.9	18.2	18.9	19.4	20.0	21.3	21.7	22.9	18.2	18.8	18.6	21.5
Credit cards	7.4	7.3	6.7	6.3	6.5	7.7	8.6	8.6	9.2	9.9	10.3	7.1	7.6	7.3	9.5
Business and government loans & acceptances	86.6	83.1	79.3	78.1	74.9	76.4	77.2	80.0	88.7	83.4	77.8	83.1	76.1	76.7	82.5
Total loans & acceptances	154.7	150.6	143.4	140.9	137.9	141.8	144.1	146.1	157.0	152.4	150.6	149.7	141.1	141.2	151.6
Investment securities	16.6	16.1	15.5	15.8	16.5	17.1	16.6	16.4	16.6	14.4	14.8	16.1	16.7	16.5	15.6
Deposits with banks	15.4	16.1	16.8	14.9	15.9	15.7	17.6	18.5	18.8	16.9	16.9	16.1	16.4	16.0	17.8
Other assets	22.4	21.1	20.4	20.6	20.4	19.6	21.1	21.0	23.2	21.7	20.2	21.1	20.6	20.4	21.4
Total assets	209.1	203.9	196.1	192.2	190.7	194.2	199.4	202.0	215.6	205.4	202.5	203.0	194.8	194.1	206.4
Personal deposits	36.7	36.4	35.5	36.2	35.7	36.3	36.7	36.0	36.4	36.4	39.2	36.2	36.3	36.3	37.0
Non-personal deposits	72.0	69.8	65.7	65.9	67.2	66.7	69.1	71.4	76.9	74.4	71.9	69.2	67.7	67.2	73.7
Total deposits	108.7	106.2	101.2	102.1	103.0	103.0	105.8	107.4	113.3	110.8	111.1	105.4	103.9	103.5	110.7
Other liabilities	46.5	42.7	42.8	43.6	43.3	45.9	47.4	45.8	48.3	43.4	39.5	44.0	45.6	45.0	44.2
Total liabilities	155.2	148.9	144.0	145.7	146.3	148.9	153.2	153.2	161.6	154.2	150.6	149.4	149.5	148.5	154.9
Other Information															
Branches	1,205	1,214	1,227	1,318	1,352	1,362	1,393	1,418	1,702	1,748	1,824				
Employees ⁽⁴⁾	42,143	42,574	42,580	43,372	45,426	45,507	45,878	47,296	50,403	52,318	55,190				
ABMs ⁽⁵⁾	4,885	4,759	4,759	4,844	5,057	5,139	5,173	5,251	5,263	5,307	5,359				
Amortization of intangibles (pre-tax)	9	10	10	10	11	11	13	12	12	12	12	29	35	45	

(1) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(2) Refer to page 51 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>, for an explanation of the composition of the measure. Such explanation is incorporated by reference hereto.

(3) Provision for credit losses on certain financial assets - loans, acceptances and off-balance sheet exposures.

(4) Employees are reported on a full-time equivalent basis.

(5) Prior periods have been restated to conform with current period presentation.

Business Segment Performance: International Banking (Constant Dollar)⁽¹⁾

	2022			2021				2020				Year-To-Date		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Income Statement — Taxable Equivalent Basis (TEB) — (\$ millions)															
Net interest income (TEB)	1,759	1,667	1,670	1,596	1,585	1,605	1,684	1,690	1,750	1,719	1,787	5,094	4,856	6,449	6,911
Non-interest income (TEB)	660	716	756	717	766	694	726	713	630	722	883	2,129	2,177	2,891	2,941
Net fee and commission revenues	539	541	556	519	493	507	489	468	430	493	576	1,637	1,486	2,004	1,966
Net income (loss) from investments in associated corporations	54	76	67	54	55	54	48	38	45	63	88	199	158	213	238
Other operating income (TEB)	67	99	133	144	218	133	189	207	155	166	219	293	533	674	737
Total revenue (TEB)	2,419	2,383	2,426	2,313	2,351	2,299	2,410	2,403	2,380	2,441	2,670	7,223	7,033	9,340	9,852
Provision for credit losses	325	273	280	319	343	383	494	689	1,161	920	511	875	1,211	1,528	3,277
Non-interest expenses	1,295	1,257	1,301	1,260	1,300	1,255	1,326	1,364	1,297	1,341	1,494	3,848	3,872	5,130	5,481
Income before taxes	799	853	845	734	708	661	590	350	(78)	180	665	2,500	1,950	2,682	1,094
Income tax expense (TEB)	122	183	214	135	154	177	147	42	(52)	34	145	512	475	609	167
Reported net income	677	670	631	599	554	484	443	308	(26)	146	520	1,988	1,475	2,073	927
Adjusting items (after tax) ⁽²⁾	6	7	7	7	7	7	8	19	29	27	105	21	23	31	180
Adjusted net income⁽³⁾	683	677	638	606	561	491	451	327	3	173	625	2,009	1,498	2,104	1,107
Reported net income attributable to non-controlling interests (NCI)	52	72	84	75	73	77	77	63	(38)	11	56	213	233	310	92
Reported net income attributable to equity holders of the Bank (NIAEH)	625	598	547	524	481	407	366	245	12	135	464	1,775	1,242	1,763	835
— Reported NIAEH - relating to divested operations	-	-	-	1	1	1	4	3	-	(1)	60	-	6	7	62
Adjusted net income attributable to non-controlling interests (NCI)⁽³⁾	52	72	83	75	73	77	77	63	(34)	17	73	213	232	310	119
Adjusted net income attributable to equity holders of the Bank (NIAEH)⁽³⁾	631	605	555	531	488	414	374	264	37	156	552	1,796	1,266	1,794	988
— Adjusted NIAEH - relating to divested operations ⁽²⁾	-	-	-	1	1	1	4	3	-	(1)	60	-	6	7	62
Profitability Measurements⁽³⁾															
Net interest margin ⁽²⁾	3.85	3.86	3.76	3.69	3.72	3.95	4.03	3.97	3.99	4.28	4.51	3.82	3.90	3.85	4.18
Net write-offs as a % of average net loans and acceptances ⁽⁴⁾	0.74	0.76	0.88	1.25	2.37	2.72	1.27	1.06	1.17	1.24	1.47	0.79	2.11	1.89	1.24
Reported															
Return on equity (%) ⁽²⁾	13.0	13.2	12.2	12.0	11.1	9.9	8.5	5.6	0.4	3.5	10.6	12.8	9.8	10.4	5.0
Provision for credit losses (PCL) as % of average net loans and acceptances ⁽⁴⁾⁽⁵⁾	0.84	0.77	0.77	0.91	1.00	1.18	1.49	2.07	3.33	2.78	1.57	0.80	1.23	1.15	2.45
PCL on impaired loans as % of average net loans and acceptances ⁽⁴⁾⁽⁵⁾	0.68	0.77	0.81	1.18	2.08	2.81	1.50	1.58	1.49	1.45	1.45	0.75	2.12	1.88	1.49
Productivity ratio (%) ⁽⁴⁾	53.5	52.7	53.6	54.3	55.0	54.4	54.7	55.9	54.1	54.1	55.7	53.3	54.7	54.6	55.0
Adjusted⁽³⁾															
Return on equity (%)	13.1	13.3	12.4	12.2	11.3	10.1	8.7	6.0	0.9	4.0	12.7	13.0	10.0	10.6	5.8
Provision for credit losses (PCL) as % of average net loans and acceptances ⁽⁵⁾	0.84	0.77	0.77	0.91	1.00	1.18	1.49	2.07	3.33	2.78	1.36	0.80	1.23	1.15	2.40
PCL on impaired loans as % of average net loans and acceptances ⁽⁵⁾	0.68	0.77	0.81	1.18	2.08	2.81	1.50	1.58	1.49	1.45	1.37	0.75	2.12	1.88	1.47
Productivity ratio (%)	53.2	52.2	53.2	53.9	54.6	53.9	54.2	54.8	52.3	52.5	52.9	52.9	54.2	54.2	53.1
Average Balance Sheet (\$ billions)															
Residential mortgages	42.3	40.9	39.4	37.7	36.5	35.9	35.5	34.9	34.6	34.2	35.4	41.3	36.3	36.8	35.1
Personal loans	18.4	17.9	17.9	17.8	17.9	17.8	17.9	18.6	19.2	19.4	20.2	18.2	17.9	17.9	19.4
Credit cards	7.4	7.0	6.6	6.3	6.2	7.1	7.8	7.8	8.1	8.7	8.9	7.1	7.1	6.9	8.4
Business and government loans & acceptances	86.6	83.0	80.3	78.9	75.9	75.2	74.2	76.6	82.6	76.9	72.3	83.1	74.8	75.7	76.7
Total loans & acceptances	154.7	148.8	144.2	140.7	136.5	136.0	135.4	137.9	144.5	139.2	136.8	149.7	136.1	137.3	139.6
Investment securities	16.6	16.0	15.7	15.8	16.3	16.5	15.7	15.5	15.2	13.0	13.4	16.1	16.2	16.1	14.3
Deposits with banks	15.4	16.2	17.1	15.1	16.3	15.6	17.0	17.8	17.5	15.7	16.0	16.1	16.2	15.9	16.6
Other assets	22.4	20.0	19.9	19.7	19.8	18.5	19.2	19.4	21.1	19.5	17.7	21.1	19.0	19.2	19.6
Total assets	209.1	201.0	196.9	191.3	188.9	186.6	187.3	190.6	198.3	187.4	183.9	203.0	187.5	188.5	190.1
Personal deposits	36.7	36.3	36.0	36.5	36.0	35.6	35.1	34.6	34.1	33.5	36.0	36.2	35.4	35.6	34.4
Non-personal deposits	72.0	69.3	66.3	65.9	67.1	64.5	65.2	67.6	70.8	67.9	65.1	69.2	65.6	65.7	67.9
Total deposits	108.7	105.6	102.3	102.4	103.1	100.1	100.3	102.2	104.9	101.4	101.1	105.4	101.0	101.3	102.3
Other liabilities	46.5	40.6	42.3	42.2	40.9	41.8	42.6	42.0	43.5	39.6	34.7	44.0	42.3	42.5	40.5
Total liabilities	155.2	146.2	144.6	144.6	144.0	141.9	142.9	144.2	148.4	141.0	135.8	149.4	143.3	143.8	142.8
Other Information															
Branches	1,205	1,214	1,227	1,318	1,352	1,362	1,393	1,418	1,702	1,748	1,824				
Employees ⁽⁶⁾	42,143	42,574	42,580	43,372	45,426	45,507	45,878	47,296	50,403	52,318	55,190				
ABMs ⁽⁷⁾	4,885	4,759	4,759	4,844	5,057	5,139	5,173	5,251	5,263	5,307	5,359				
Amortization of intangibles (pre-tax)	9	10	10	10	10	10	12	10	10	10	11	29	32	42	41

(1) Data presented on a constant FX basis. Quarterly results reflect FX rates as of Q3/22, while full-year results reflect Current Year Average FX rates. Refer to non-GAAP measures on page 7 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(2) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(3) Ratios are on a reported basis.

(4) Refer to page 51 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>, for an explanation of the composition of the measure. Such explanation is incorporated by reference hereto.

(5) Provision for credit losses on certain financial assets - loans, acceptances and off-balance sheet exposures.

(6) Employees are reported on a full-time equivalent basis.

(7) Prior periods have been restated to conform with current period presentation.

Business Segment Performance: Global Wealth Management

	2022			2021				2020				Year-To-Date		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Income Statement — Taxable Equivalent Basis (TEB) — (\$ millions)															
Net interest income (TEB)	200	184	174	161	160	152	155	144	145	145	141	558	467	628	575
Non-interest income (TEB)	1,112	1,174	1,248	1,186	1,175	1,156	1,235	1,021	990	982	1,016	3,534	3,566	4,752	4,009
Net fee and commission revenues	1,107	1,170	1,244	1,177	1,167	1,148	1,223	1,016	981	975	1,003	3,521	3,538	4,715	3,975
Net income (loss) from investments in associated corporations	3	5	1	7	3	4	3	3	3	4	3	9	10	17	13
Other operating income (TEB)	2	(1)	3	2	5	4	9	2	6	3	10	4	18	20	21
Total revenue (TEB)	1,312	1,358	1,422	1,347	1,335	1,308	1,390	1,165	1,135	1,127	1,157	4,092	4,033	5,380	4,584
Provision for credit losses - Charge/(Recovery)	5	1	(1)	1	(1)	(2)	4	3	1	2	1	5	1	2	7
Non-interest expenses	796	803	862	824	812	802	817	726	700	715	737	2,461	2,431	3,255	2,878
Income before taxes	511	554	561	522	524	508	569	436	434	410	419	1,626	1,601	2,123	1,699
Income tax expense (TEB)	133	145	146	135	132	134	148	111	110	106	110	424	414	549	437
Reported net income	378	409	415	387	392	374	421	325	324	304	309	1,202	1,187	1,574	1,262
Adjusting items (after-tax) ⁽¹⁾	7	6	7	7	7	6	7	10	11	12	12	20	20	27	45
Adjusted net income⁽²⁾	385	415	422	394	399	380	428	335	335	316	321	1,222	1,207	1,601	1,307
Reported net income attributable to non-controlling interests (NCI)	2	2	3	2	2	2	3	2	3	2	3	7	7	9	10
Reported net income attributable to equity holders of the Bank (NIAEH)	376	407	412	385	390	372	418	323	321	302	306	1,195	1,180	1,565	1,252
Adjusted net income attributable to NCI⁽³⁾	2	2	3	2	2	2	3	2	3	2	3	7	7	9	10
Adjusted NIAEH⁽³⁾	383	413	419	392	397	378	425	333	332	314	318	1,215	1,200	1,592	1,297
Adjusted NIAEH⁽¹⁾ by geography															
Canada	335	366	375	348	348	333	385	294	290	267	258	1,076	1,066	1,414	1,109
International	48	47	44	44	49	45	40	39	42	47	60	139	134	178	188
Total Adjusted Net Income Attributable to Equity Holders of the Bank⁽³⁾	383	413	419	392	397	378	425	333	332	314	318	1,215	1,200	1,592	1,297
Revenue by geography															
Canada	1,148	1,200	1,269	1,198	1,187	1,157	1,241	1,020	992	971	979	3,617	3,585	4,783	3,962
International	164	158	153	149	148	151	149	145	143	156	178	475	448	597	622
Total Revenue (TEB)	1,312	1,358	1,422	1,347	1,335	1,308	1,390	1,165	1,135	1,127	1,157	4,092	4,033	5,380	4,584
Profitability Measurements															
Reported															
Return on equity (%) ⁽¹⁾	15.5	17.5	17.2	16.3	16.5	16.4	17.6	13.9	13.8	13.2	13.2	16.7	16.8	16.7	13.5
Productivity ratio (%) ⁽²⁾	60.6	59.1	60.6	61.1	60.9	61.3	58.8	62.3	61.7	63.4	63.7	60.1	60.3	60.5	62.8
Adjusted⁽³⁾															
Return on equity (%)	15.7	17.8	17.5	16.6	16.8	16.7	17.9	14.3	14.3	13.8	13.7	17.0	17.1	17.0	14.0
Productivity ratio (%)	59.9	58.5	60.0	60.5	60.2	60.6	58.1	61.1	60.3	61.9	62.4	59.5	59.6	59.8	61.5
Average Balance Sheet (\$ billions)															
Total loans & acceptances	22.2	21.2	20.1	19.1	18.0	16.8	15.9	15.0	14.2	13.9	13.4	21.2	16.9	17.4	14.1
Other assets	11.0	11.2	11.4	11.4	11.5	11.6	11.6	11.7	11.9	12.0	12.0	11.2	11.6	11.6	11.9
Total assets	33.2	32.4	31.5	30.5	29.5	28.4	27.5	26.7	26.1	25.9	25.4	32.4	28.5	29.0	26.0
Personal deposits	21.2	22.0	21.0	19.5	19.0	18.9	18.2	17.7	17.4	16.1	14.3	21.4	18.7	18.9	16.4
Non-personal deposits	18.6	17.4	18.0	19.2	18.8	17.9	16.4	15.5	16.1	16.6	14.6	18.0	17.7	18.1	15.7
Total deposits	39.8	39.4	39.0	38.7	37.8	36.8	34.6	33.2	33.5	32.7	28.9	39.4	36.4	37.0	32.1
Other liabilities	8.4	8.4	8.5	8.5	8.2	7.8	7.5	7.0	6.6	6.3	6.3	8.4	7.8	7.9	6.5
Total liabilities	48.2	47.8	47.5	47.2	46.0	44.6	42.1	40.2	40.1	39.0	35.2	47.8	44.2	44.9	38.6
Period-End Balances (\$ billions) ⁽³⁾ Q3 Q2 Q1															
Assets under administration by geography:															
Canada	465	475	490	488	475	461	434	394	393	371	398	465	475	488	394
International	116	116	111	109	107	106	110	106	108	105	98	116	107	109	106
Total Assets under Administration	581	591	601	597	582	567	544	500	501	476	496	581	582	597	500
Assets under management by geography:															
Canada	289	294	313	315	307	292	274	253	255	239	253	289	307	315	253
International	31	32	32	31	34	37	38	37	37	38	43	31	34	31	37
Total Assets under Management	320	326	345	346	341	329	312	290	292	277	296	320	341	346	290
Employees⁽⁵⁾															
In Canada	6,589	6,380	6,281	6,135	6,136	5,932	5,859	5,846	5,855	5,894	5,852				
Outside Canada	1,343	1,346	1,331	1,301	1,325	1,233	1,234	1,275	1,293	1,343	1,362				
Total	7,932	7,726	7,612	7,436	7,461	7,165	7,093	7,121	7,148	7,237	7,214				

(1) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(2) Refer to page 51 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>, for an explanation of the composition of the measure. Such explanation is incorporated by reference hereto.

(3) Excludes affiliates.

(4) Prior period amounts have been restated to appropriately reflect certain intercompany items.

(5) Employees are reported on a full-time equivalent basis

Business Segment Performance: Global Banking and Markets

	2022				2021				2020				Year-To-Date		Full Year	
	Q3	Q2	Q1		Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Income Statement — Taxable Equivalent Basis (TEB) — (\$ millions)																
Net interest income (TEB)	405	360	373		365	363	350	358	350	375	385	325	1,138	1,071	1,436	1,435
Non-interest income (TEB)	747	902	1,031		812	890	907	978	860	1,170	1,075	842	2,680	2,775	3,587	3,947
Net fee and commission revenues	336	372	416		395	460	474	432	413	468	447	420	1,124	1,366	1,761	1,748
Net income (loss) from investments in associated corporations	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
Other operating income (TEB)	411	530	615		417	430	433	546	447	702	628	422	1,556	1,409	1,826	2,199
Total revenue (TEB)	1,152	1,262	1,404		1,177	1,253	1,257	1,336	1,210	1,545	1,460	1,167	3,818	3,846	5,023	5,382
Provision for credit losses — Charge/(Recovery)	(15)	(46)	(16)		(50)	(27)	(43)	20	62	149	155	24	(77)	(50)	(100)	390
Non-interest expenses	655	653	670		591	620	633	614	583	620	616	654	1,978	1,867	2,458	2,473
Income before taxes	512	655	750		636	660	667	702	565	776	689	489	1,917	2,029	2,665	2,519
Income tax expense (TEB)	134	167	189		134	147	150	159	105	176	166	117	490	456	590	564
Reported net income	378	488	561		502	513	517	543	460	600	523	372	1,427	1,573	2,075	1,955
Adjusting items (after tax) ⁽¹⁾	-	-	-		-	-	-	-	-	-	-	79	-	-	-	79
Adjusted net income⁽²⁾	378	488	561		502	513	517	543	460	600	523	451	1,427	1,573	2,075	2,034
Reported net income attributable to non-controlling interests (NCI)	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
Reported net income attributable to equity holders of the Bank (NIAEH)	378	488	561		502	513	517	543	460	600	523	372	1,427	1,573	2,075	1,955
Adjusted net income attributable to non-controlling interests (NCI)⁽³⁾	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
Adjusted net income attributable to equity holders of the Bank (NIAEH)⁽³⁾	378	488	561		502	513	517	543	460	600	523	451	1,427	1,573	2,075	2,034
Revenue (TEB) by business and capital markets																
Business banking	729	708	668		622	649	620	627	606	657	709	660	2,105	1,896	2,518	2,632
Capital markets	423	554	736		555	604	637	709	604	888	751	507	1,713	1,950	2,505	2,750
Total revenue (TEB)	1,152	1,262	1,404		1,177	1,253	1,257	1,336	1,210	1,545	1,460	1,167	3,818	3,846	5,023	5,382
Capital markets revenue:																
Interest rate and credit	128	185	305		219	264	299	368	334	574	508	260	618	931	1,150	1,676
Equities	197	232	311		256	264	266	240	199	234	43	170	740	770	1,026	646
Commodities	21	51	32		21	16	14	31	22	21	95	22	104	61	82	160
Foreign exchange	77	86	88		59	60	58	70	49	59	105	55	251	188	247	268
Total capital markets revenue (TEB)	423	554	736		555	604	637	709	604	888	751	507	1,713	1,950	2,505	2,750
Profitability Measurements																
Net write-offs as a % of average net loans and acceptances ⁽²⁾	(0.11)	0.02	0.01		-	0.03	0.06	0.10	0.10	0.11	0.04	0.11	(0.03)	0.06	0.05	0.09
Reported																
Return on equity (%) ⁽¹⁾	11.1	15.6	17.4		15.5	16.1	17.4	17.3	14.6	17.5	15.4	11.5	14.6	16.9	16.5	14.8
Provision for credit losses (PCL) as % of average net loans and acceptances ⁽²⁾⁽³⁾	(0.05)	(0.16)	(0.06)		(0.18)	(0.11)	(0.18)	0.08	0.24	0.50	0.54	0.09	(0.09)	(0.07)	(0.10)	0.35
PCL on impaired loans as % of average net loans and acceptances ⁽²⁾⁽³⁾	(0.06)	(0.01)	(0.03)		0.01	0.03	0.05	0.06	0.13	0.13	0.09	0.14	(0.03)	0.04	0.03	0.12
Productivity ratio (%) ⁽²⁾	56.8	51.7	47.7		50.3	49.5	50.3	46.0	48.2	40.1	42.2	56.0	51.8	48.5	48.9	45.9
Adjusted⁽³⁾																
Return on equity (%)	11.1	15.6	17.4		15.5	16.1	17.4	17.3	14.6	17.5	15.4	14.0	14.6	16.9	16.5	15.4
PCL as % of average net loans and acceptances ⁽³⁾	(0.05)	(0.16)	(0.06)		(0.18)	(0.11)	(0.18)	0.08	0.24	0.50	0.54	0.07	(0.09)	(0.07)	(0.01)	0.35
PCL on impaired loans as % of average net loans and acceptances ⁽³⁾	(0.06)	(0.01)	(0.03)		0.01	0.03	0.05	0.06	0.13	0.13	0.09	0.14	(0.03)	0.04	0.03	0.12
Productivity ratio (%)	56.8	51.7	47.7		50.3	49.5	50.3	46.0	48.2	40.1	42.2	51.5	51.8	48.5	48.9	45.1
Average Balance Sheet (\$ billions)																
Business and government loans & acceptances	111.5	102.0	98.7		93.7	91.4	90.7	91.4	97.6	109.2	111.1	96.8	104.1	91.2	91.8	103.6
Securities purchased under resale agreements	143.7	127.2	131.0		119.3	117.3	115.4	115.5	117.9	121.5	128.1	135.1	134.1	116.1	116.9	125.7
Trading Assets	120.3	137.8	155.4		136.5	134.9	137.4	129.7	112.2	115.7	122.2	128.4	137.8	133.9	134.6	119.6
Securities	112.2	129.6	147.4		130.3	128.4	130.5	121.7	102.6	103.5	107.5	114.4	129.7	126.8	127.7	107.0
Loans	8.1	8.2	8.0		6.2	6.5	6.9	8.0	9.6	12.2	14.7	14.0	8.1	7.1	6.9	12.6
Investment securities	5.8	5.6	5.6		5.8	5.8	6.3	6.5	6.3	6.5	5.4	4.7	5.7	6.2	6.1	5.7
Deposits with banks	0.9	0.3	0.9		0.2	0.4	(0.4)	0.7	1.6	1.2	0.8	0.3	0.7	0.2	0.2	1.0
Other assets	60.8	58.4	52.6		53.0	51.1	49.6	51.4	52.9	61.5	65.9	46.1	57.2	50.7	51.3	56.5
Total assets	443.0	431.3	444.2		408.5	400.9	399.0	395.2	388.5	415.6	433.5	411.4	439.6	398.4	400.9	412.1
Total deposits	170.0	163.6	165.2		159.6	155.4	159.9	150.4	148.9	147.8	124.6	112.7	166.3	155.2	156.3	133.5
Other liabilities	249.2	236.5	241.5		222.5	218.0	238.2	236.7	237.6	266.3	253.3	224.6	242.5	230.9	228.8	245.4
Total liabilities	419.2	400.1	406.7		382.1	373.4	398.1	387.1	386.5	414.1	377.9	337.3	408.8	386.1	385.1	378.9
Other Information																
Employees⁽⁴⁾																
In Canada	1,074	1,063	1,055		1,043	1,038	1,014	1,018	1,167	1,159	1,141	1,150				
Outside Canada	1,131	1,054	1,052		1,089	1,092	1,057	1,079	1,236	1,249	1,271	1,276				
Total	2,205	2,117	2,107		2,132	2,130	2,071	2,097	2,403	2,408	2,412	2,426				

(1) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(2) Refer to page S1 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>, for an explanation of the composition of the measure. Such explanation is incorporated by reference hereto.

(3) Provision for credit losses on certain financial assets - loans, acceptances and off-balance sheet exposures.

(4) Employees are reported on a full-time equivalent basis.

Business Segment Performance: Other⁽¹⁾

	2022			2021				2020				Year-To-Date		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Income Statement — Taxable Equivalent Basis (TEB) — (\$ millions)															
Net interest income (TEB) ⁽²⁾	(49)	98	16	20	78	78	66	25	(103)	29	(82)	65	222	242	(131)
Non-interest income (TEB) ⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾	(154)	(86)	(64)	(5)	(66)	91	71	(9)	87	107	207	(304)	96	91	392
Total revenue (TEB)⁽²⁾	(203)	12	(48)	15	12	169	137	16	(16)	136	125	(239)	318	333	261
Provision for credit losses	4	-	-	(1)	-	-	-	-	1	-	-	4	-	(1)	1
Non-interest expenses ⁽⁵⁾	60	111	124	346	99	84	171	138	136	347	130	295	354	700	751
Income before taxes	(267)	(99)	(172)	(330)	(87)	85	(34)	(122)	(153)	(211)	(5)	(538)	(36)	(366)	(491)
Income tax expense (TEB) ⁽²⁾	(215)	(89)	(105)	(155)	(81)	(46)	(80)	(125)	(132)	(46)	(216)	(409)	(207)	(362)	(519)
Reported net income	(52)	(10)	(67)	(175)	(6)	131	46	3	(21)	(165)	211	(129)	171	(4)	28
Adjusting items (after-tax) ⁽⁶⁾	-	-	-	139	-	-	-	5	(43)	-	(246)	-	-	139	(284)
Adjusted net income⁽⁶⁾	(52)	(10)	(67)	(36)	(6)	131	46	8	(64)	(165)	(35)	(129)	171	135	(256)
Reported net income attributable to non-controlling interests	-	-	-	(11)	1	1	(1)	-	-	1	(28)	-	1	(10)	(27)
Reported net income attributable to equity holders of the Bank	(52)	(10)	(67)	(164)	(7)	130	47	3	(21)	(166)	239	(129)	170	6	55
Adjusted net income attributable to non-controlling interests⁽⁶⁾	-	-	-	(1)	1	1	(1)	-	-	1	-	-	1	-	1
Adjusted net income attributable to equity holders of the Bank⁽⁶⁾	(52)	(10)	(67)	(35)	(7)	130	47	8	(64)	(166)	(35)	(129)	170	135	(257)
Average Balances (\$ billions)															
Total assets	172.6	173.4	155.1	143.4	143.1	157.2	164.9	160.1	190.2	157.3	124.3	166.0	155.4	152.4	157.3
Total liabilities⁽⁷⁾	262.4	269.2	246.6	206.1	193.0	178.3	195.8	194.5	237.0	274.3	261.6	258.5	189.4	193.8	241.0

(1) Represents smaller operating segments including Group Treasury and corporate adjustments.

(2) Includes elimination of the tax-exempt income gross-up reported in net interest income, other operating income and provision for income taxes in the four business segments reported on pages 4 to 8.

(3) Reflects elimination of tax normalization adjustments related to income from associated corporations in other business segments.

(4) Includes net gain on divestitures.

(5) Includes elimination of fees paid to Canadian Banking by Canadian Wealth Management for administrative support and other services provided by Canadian Banking to the Global Wealth Management businesses. These are reported as revenues in Canadian Banking and operating expenses in Global Wealth Management.

(6) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(7) Prior period amounts have been restated to conform with current period presentation.

Non-Interest Income

	2022			2021				2020				Year-To-Date		Full Year	
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Card revenues	187	207	190	187	177	181	204	181	164	179	265	584	562	749	789
Banking services fees	447	430	437	414	400	399	385	376	337	386	441	1,314	1,184	1,598	1,540
Credit fees	398	397	401	368	382	377	358	345	333	330	340	1,196	1,117	1,485	1,348
Total banking revenues	1,032	1,034	1,028	969	959	957	947	902	834	895	1,046	3,094	2,863	3,832	3,677
Mutual funds	538	575	628	605	580	548	661	506	486	458	495	1,741	1,789	2,394	1,945
Brokerage fees	276	287	298	265	263	259	252	225	225	228	224	861	774	1,039	902
Investment management and trust															
Investment management and custody	196	202	207	202	199	193	198	191	177	182	199	605	590	792	749
Personal and corporate trust	51	52	49	49	53	52	48	47	48	50	52	152	153	202	197
Total investment management and trust	247	254	256	251	252	245	246	238	225	232	251	757	743	994	946
Total wealth management revenues	1,061	1,116	1,182	1,121	1,095	1,052	1,159	969	936	918	970	3,359	3,306	4,427	3,793
Underwriting and advisory fees	98	137	172	144	198	216	166	152	202	172	164	407	580	724	690
Non-trading foreign exchange	209	216	225	179	194	210	204	169	170	184	185	650	608	787	708
Other fees and commissions	143	145	156	153	171	189	164	151	158	191	188	444	524	677	688
Total fee and commission revenues	2,543	2,648	2,763	2,566	2,617	2,624	2,640	2,343	2,300	2,360	2,553	7,954	7,881	10,447	9,556
Net income from investments in associated corporations	44	84	91	96	73	113	57	49	42	60	91	219	243	339	242
Other operating income															
Trading revenues	311	453	609	409	478	525	621	498	736	691	486	1,373	1,624	2,033	2,411
Net gain on sale of investment securities	-	1	2	83	80	137	119	182	145	239	41	3	336	419	607
Insurance underwriting income, net of claims	113	105	101	102	83	100	113	120	113	115	149	319	296	398	497
Other	112	178	139	214	209	61	171	55	145	74	429	429	441	655	703
Total other operating income	536	737	851	808	850	823	1,024	855	1,139	1,119	1,105	2,124	2,697	3,505	4,218
Total non-interest income (reported)	3,123	3,469	3,705	3,470	3,540	3,560	3,721	3,247	3,481	3,539	3,749	10,297	10,821	14,291	14,016
Adjusting items⁽¹⁾															
(Gains)/losses on dispositions	-	-	-	-	-	-	-	-	(45)	-	(268)	-	-	-	(313)
DVA adjustment	-	-	-	-	-	-	-	-	-	-	116	-	-	-	116
Total non-interest income (adjusted)⁽¹⁾	3,123	3,469	3,705	3,470	3,540	3,560	3,721	3,247	3,436	3,539	3,597	10,297	10,821	14,291	13,819

(1) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

Revenue from Trading-Related Activities and Assets Under Administration and Management															
	2022			2021				2020				Year-To-Date		Full Year	
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Trading-related revenue (TEB)⁽¹⁾⁽²⁾															
Net interest income	(53)	(31)	10	35	33	42	26	37	27	28	20	(74)	101	136	112
Non-interest income															
Trading revenues	392	535	692	493	547	596	685	562	798	761	550	1,619	1,828	2,321	2,671
Other fees and commission	23	22	33	36	46	51	52	45	52	64	44	78	149	185	205
Total non-interest income	415	557	725	529	593	647	737	607	850	825	594	1,697	1,977	2,506	2,876
Total — Reported trading-related revenue	362	526	735	564	626	689	763	644	877	853	614	1,623	2,078	2,642	2,988
Adjusting items ⁽³⁾	-	-	-	-	-	-	-	-	-	-	112	-	-	-	112
Total — Adjusted trading-related revenue⁽²⁾	362	526	735	564	626	689	763	644	877	853	726	1,623	2,078	2,642	3,100
Trading-related revenue by product (TEB) — Adjusted⁽²⁾															
Interest rate and credit	118	112	243	167	215	242	317	292	511	466	283	473	774	941	1,552
Equities	179	209	291	236	244	234	218	191	218	29	193	679	696	932	631
Foreign exchange and Other ⁽³⁾	65	205	201	161	167	213	228	161	148	358	250	471	608	769	917
Trading-related revenue by product (TEB) — Adjusted⁽²⁾	362	526	735	564	626	689	763	644	877	853	726	1,623	2,078	2,642	3,100
Taxable equivalent adjustment	81	82	83	84	69	71	64	64	62	71	63	246	204	288	260
Total trading-related revenue by product (Non-TEB) — Adjusted⁽²⁾	281	444	652	480	557	618	699	580	815	782	663	1,377	1,874	2,354	2,840
Assets under administration (\$ billions)⁽⁴⁾⁽⁵⁾															
Retail brokerage	195.6	200.8	206.8	201.0	194.5	185.9	172.0	152.6	152.5	143.7	157.8				
Investment management and trust	147.5	147.2	140.9	144.7	139.4	136.3	134.0	130.6	130.6	127.5	126.9				
Personal	343.1	348.0	347.7	345.7	333.9	322.2	306.0	283.2	283.1	271.2	284.7				
Mutual funds	206.6	212.6	224.2	225.2	223.2	217.0	209.0	195.5	195.4	184.4	196.0				
Institutional	80.4	79.6	79.3	82.0	79.3	83.6	83.1	78.2	78.4	74.8	72.1				
Total	630.1	640.2	651.2	652.9	636.4	622.8	598.1	556.9	556.9	530.4	552.8				
Assets under management (\$ billions)⁽⁴⁾⁽⁵⁾															
Personal	77.0	77.3	78.8	76.3	73.2	69.4	64.0	58.9	59.4	57.0	59.7				
Mutual funds	191.0	195.0	205.6	206.9	205.1	199.3	192.1	179.3	178.7	168.8	178.9				
Institutional	51.6	53.9	60.9	62.6	62.5	60.0	55.6	51.6	53.7	51.1	57.6				
Total	319.6	326.2	345.3	345.8	340.8	328.7	311.7	289.8	291.8	276.9	296.2				

(1) Trading-related revenue consists of net interest income and non-interest income. Included are unrealized gains and losses on security positions held, realized gains and losses from the purchase and sale of securities, fees and commissions from securities borrowing and lending activities, and gains and losses on trading derivatives. Underwriting and advisory fees, which are shown separately in the consolidated statement of income, are excluded.

(2) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(3) Foreign exchange and Other includes trading-related revenues from foreign exchange, commodities and other trading activities of the Bank.

(4) Refer to page 51 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>, for an explanation of the composition of the measure. Such explanation is incorporated by reference hereto.

(5) Prior period amounts have been restated to appropriately reflect certain intercompany items.

Operating Expenses															
	2022			2021				2020				Year-To-Date		Full Year	
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Salaries and employee benefits															
Salaries	1,273	1,212	1,214	1,192	1,190	1,134	1,178	1,276	1,223	1,252	1,277	3,699	3,502	4,694	5,028
Performance-based compensation	458	483	570	458	513	541	574	391	424	448	475	1,511	1,628	2,086	1,738
Share-based payment	71	87	123	55	40	41	87	53	37	83	125	281	168	223	298
Other employee benefits	392	393	373	349	388	412	389	351	382	409	418	1,158	1,189	1,538	1,560
Total salaries and employee benefits	2,194	2,175	2,280	2,054	2,131	2,128	2,228	2,071	2,066	2,192	2,295	6,649	6,487	8,541	8,624
Premises															
Rent	5	(6)	(1)	(1)	1	(1)	2	5	6	5	9	(2)	2	1	25
Property taxes	25	25	21	23	27	24	23	25	25	25	23	71	74	97	98
Other premises costs	106	110	100	101	103	106	105	119	123	120	121	316	314	415	483
Total premises	136	129	120	123	131	129	130	149	154	150	153	385	390	513	606
Technology	476	461	466	475	466	452	445	458	447	440	457	1,403	1,363	1,838	1,802
Depreciation	183	187	186	194	190	192	193	199	199	201	198	556	575	769	797
Amortization															
Amortization of software intangibles	174	169	164	165	159	157	159	182	152	135	174	507	475	640	643
Amortization of intangibles	24	25	25	24	24	26	28	26	26	27	27	74	78	102	106
Total amortization	198	194	189	189	183	183	187	208	178	162	201	581	553	742	749
Communications	88	93	90	93	86	94	96	93	105	111	109	271	276	369	418
Advertising and business development	123	108	109	126	93	94	91	96	98	118	133	340	278	404	445
Professional	200	195	192	242	211	179	157	184	181	203	185	587	547	789	753
Business and capital taxes															
Business taxes	120	116	126	110	109	112	130	112	118	110	129	362	351	461	469
Capital taxes	15	16	14	10	13	14	13	11	12	13	12	45	40	50	48
Total business and capital taxes	135	132	140	120	122	126	143	123	130	123	141	407	391	511	517
Other	458	485	451	655	484	465	538	476	460	663	546	1,394	1,487	2,142	2,145
Total operating expenses	4,191	4,159	4,223	4,271	4,097	4,042	4,208	4,057	4,018	4,363	4,418	12,573	12,347	16,618	16,856
Adjusting items⁽¹⁾															
Integration costs	-	-	-	-	-	-	-	(20)	(40)	(41)	(76)	-	-	-	(177)
Amortization of intangibles	(24)	(24)	(25)	(25)	(24)	(26)	(28)	(26)	(26)	(27)	(27)	(73)	(78)	(103)	(106)
Impairment charge on software asset	-	-	-	-	-	-	-	-	-	-	(44)	-	-	-	(44)
Divestiture related expenses	-	-	-	-	-	-	-	(8)	(1)	-	(6)	-	-	-	(15)
Restructuring and other provisions	-	-	-	(188)	-	-	-	-	-	-	-	-	-	(188)	-
Total adjusting items	(24)	(24)	(25)	(213)	(24)	(26)	(28)	(54)	(67)	(68)	(153)	(73)	(78)	(291)	(342)
Adjusted operating expenses⁽¹⁾	4,167	4,135	4,198	4,058	4,073	4,016	4,180	4,003	3,951	4,295	4,265	12,500	12,269	16,327	16,514

(1) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

Consolidated Statement of Financial Position — Assets (Spot Balances)

	2022			2021				2020			
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Assets											
Cash and deposits with financial institutions	67,715	85,910	99,053	86,323	75,881	52,017	89,491	76,460	59,041	103,904	69,291
Precious metals	837	1,056	527	755	759	553	1,107	1,181	2,743	4,939	3,616
Trading assets											
Securities	108,538	123,413	143,021	137,148	133,575	137,116	133,197	108,331	111,855	105,250	128,071
Loans	8,295	8,483	8,494	8,113	6,793	6,532	7,903	8,352	10,864	15,359	15,815
Other	1,772	1,748	1,432	1,051	752	599	668	1,156	1,035	876	845
Total trading assets	118,605	133,644	152,947	146,312	141,120	144,247	141,768	117,839	123,754	121,485	144,731
Securities purchased under resale agreements and securities borrowed	155,217	148,706	132,714	127,739	129,013	131,081	118,831	119,747	126,460	131,166	146,432
Derivative financial instruments	47,139	54,608	40,655	42,302	41,904	40,573	46,269	45,065	55,632	64,617	43,083
Investment securities	108,222	100,487	81,699	75,199	81,734	85,107	99,236	111,389	122,565	119,602	78,003
Loans to customers											
Residential mortgages	343,965	337,714	330,991	319,678	310,370	296,727	290,474	284,684	277,522	272,566	268,670
Personal loans	96,561	94,437	92,622	91,540	91,544	90,682	91,442	93,758	94,286	95,791	96,703
Credit cards	13,871	13,622	13,145	12,450	12,194	12,826	14,143	14,797	15,350	15,966	17,715
Business and government	264,128	249,223	236,072	218,944	219,720	214,646	215,180	217,663	233,414	246,868	214,212
Sub-total	718,525	694,996	672,830	642,612	633,828	614,881	611,239	610,902	620,572	631,191	597,300
Allowance for credit losses	5,147	5,294	5,492	5,626	6,079	6,716	7,590	7,639	7,221	6,005	5,021
Total net loans	713,378	689,702	667,338	636,986	627,749	608,165	603,649	603,263	613,351	625,186	592,279
Other											
Customers' liability under acceptances, net of allowance	19,817	19,043	20,901	20,404	17,023	15,596	14,775	14,228	15,963	22,668	21,364
Current tax assets	2,802	2,844	1,745	1,722	1,769	1,607	1,608	1,520	1,414	1,450	1,371
Investment property	36	39	40	40	42	43	43	43	44	42	41
Land, buildings and equipment	5,493	5,532	5,542	5,581	5,496	5,515	5,687	5,854	5,981	6,082	6,062
Investments in associates	2,733	2,760	2,740	2,604	2,504	2,480	2,516	2,475	2,399	2,432	2,327
Goodwill and other intangible assets	16,580	16,712	16,752	16,604	16,703	16,801	16,977	17,015	17,136	17,112	17,191
Deferred tax assets	905	1,137	1,969	2,051	2,108	2,052	2,116	2,185	2,164	1,670	1,718
Other assets	32,623	26,326	20,852	20,222	19,624	19,411	19,977	18,202	21,225	24,718	26,513
Total other assets	80,989	74,393	70,541	69,228	65,269	63,505	63,699	61,522	66,326	76,174	76,587
Total Assets	1,292,102	1,288,506	1,245,474	1,184,844	1,163,429	1,125,248	1,164,050	1,136,466	1,169,872	1,247,073	1,154,022

Consolidated Statement of Financial Position — Liabilities and Equity (Spot Balances)

	2022			2021				2020			
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Liabilities											
Deposits											
Personal	259,503	252,847	247,067	243,551	247,462	246,661	249,509	246,135	242,876	234,361	223,881
Business and government	566,966	569,268	559,616	511,348	503,314	469,078	476,334	464,619	482,050	514,444	488,658
Financial institutions	53,113	54,439	44,362	42,360	43,610	40,922	43,150	40,084	43,067	48,885	51,311
Total deposits	879,582	876,554	851,045	797,259	794,386	756,661	768,993	750,838	767,993	797,690	763,850
Financial instruments designated at fair value through profit or loss	22,876	21,927	23,979	22,493	21,961	20,406	20,260	18,899	17,522	16,111	12,994
Other											
Acceptances	19,844	19,070	20,934	20,441	17,085	15,668	14,856	14,305	16,071	22,712	21,389
Obligations related to securities sold short	44,220	44,620	46,133	40,954	43,276	41,768	40,119	31,902	33,913	32,165	32,439
Derivative financial instruments	56,880	57,123	39,697	42,203	38,894	39,868	41,296	42,247	54,698	65,002	43,139
Obligations related to securities sold under repurchase agreements and securities lent	128,145	131,978	122,878	123,469	112,516	115,969	140,491	137,763	137,351	166,118	143,019
Current tax liabilities	288	224	575	1,344	1,369	1,065	760	743	880	371	259
Subordinated debentures	8,413	8,447	6,338	6,334	6,418	6,439	6,600	7,405	7,336	7,484	7,295
Provisions for off-balance sheet credit risks and other	252	254	277	325	169	177	165	154	293	320	144
Deferred tax liabilities	1,075	1,154	1,170	1,149	1,184	1,154	1,152	1,073	1,084	1,220	1,316
Other	56,942	55,188	58,502	55,981	54,010	55,651	58,221	60,634	62,156	67,545	58,317
Total other liabilities	316,059	318,058	296,504	292,200	274,921	277,759	303,660	296,226	313,782	362,937	307,317
Total Liabilities	1,218,517	1,216,539	1,171,528	1,111,952	1,091,268	1,054,826	1,092,913	1,065,963	1,099,297	1,176,738	1,084,161
Equity											
Common equity											
Common shares	18,728	18,799	18,421	18,507	18,493	18,377	18,297	18,239	18,236	18,231	18,248
Retained earnings	53,151	52,209	51,848	51,354	50,044	48,713	47,519	46,345	45,689	45,456	45,418
Accumulated other comprehensive income	(6,684)	(6,034)	(4,324)	(5,333)	(3,986)	(3,979)	(2,785)	(2,125)	(1,402)	218	(543)
Other reserves	(152)	(141)	227	222	169	348	356	360	360	359	362
Total common equity	65,043	64,833	66,172	64,750	64,720	63,459	63,387	62,819	62,883	64,264	63,485
Preferred shares and other equity instruments	7,052	5,552	5,552	6,052	5,299	4,549	5,308	5,308	5,308	3,619	3,884
Total equity attributable to equity holders of the Bank	72,095	70,385	71,724	70,802	70,019	68,008	68,695	68,127	68,191	67,883	67,369
Non-controlling interests in subsidiaries	1,490	1,582	2,222	2,090	2,142	2,414	2,442	2,376	2,384	2,452	2,492
Total Equity	73,585	71,967	73,946	72,892	72,161	70,422	71,137	70,503	70,575	70,335	69,861
Total Liabilities and Equity	1,292,102	1,288,506	1,245,474	1,184,844	1,163,429	1,125,248	1,164,050	1,136,466	1,169,872	1,247,073	1,154,022

Average Balance Sheet													
	2022			2021			2020			Year-To-Date		Full Year	
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021
Deposits with financial institutions	78,134	94,428	89,484	76,635	73,216	81,114	71,465	62,092	79,995	68,883	52,948	87,271	75,201
Trading assets													
- Securities	120,724	136,569	155,174	138,467	136,726	138,343	130,212	110,215	110,311	117,362	123,858	137,499	135,057
- Loans	8,166	8,221	8,009	6,234	6,497	6,924	8,095	9,686	12,055	14,825	14,009	8,131	7,175
Total trading assets	128,890	144,790	163,183	144,701	143,223	145,267	138,307	119,901	122,366	132,187	137,867	145,630	142,232
Securities purchased under resale agreements and securities borrowed	146,002	129,761	133,171	121,640	120,779	118,347	118,460	121,031	124,359	130,316	137,060	136,383	119,204
Investment securities including investments in associates	105,153	91,618	80,246	80,875	85,842	92,755	109,377	118,126	125,560	93,127	83,261	92,347	96,027
Loans to customers													
- Residential mortgages	341,673	335,368	326,748	316,497	302,736	291,989	287,438	279,328	274,691	270,090	269,225	334,588	294,077
- Personal loans	96,385	93,904	92,675	91,958	91,393	91,445	93,227	94,128	95,031	97,225	98,434	94,326	92,028
- Credit cards	13,862	13,398	12,941	12,358	12,401	13,491	14,778	14,897	15,591	17,077	17,939	13,401	13,557
- Business and government	260,869	242,840	230,958	222,617	216,167	215,192	214,929	223,558	242,819	236,860	215,879	244,911	215,432
- Sub-total	712,789	685,510	663,322	643,430	622,697	612,117	610,372	611,911	628,132	621,252	601,477	687,226	615,094
- Allowance for credit losses	5,250	5,425	5,522	5,912	6,356	7,455	7,603	7,338	6,462	5,290	5,161	5,399	7,134
Total loans to customers	707,539	680,085	657,800	637,518	616,341	604,662	602,769	604,573	621,670	615,962	596,316	681,827	607,960
Customer's liability under acceptances	18,123	20,610	20,567	18,202	16,407	15,293	15,867	14,432	17,111	17,739	14,942	19,758	15,862
Total earning assets ⁽¹⁾⁽²⁾	1,183,841	1,161,292	1,144,451	1,079,571	1,055,808	1,057,438	1,056,245	1,040,155	1,091,061	1,058,214	1,022,394	1,163,216	1,056,486
Derivative financial instruments	47,960	46,033	41,983	43,013	41,714	42,919	46,424	48,330	56,686	59,918	39,650	44,991	43,960
Other assets	63,364	56,868	52,182	50,123	50,575	50,839	52,640	51,664	58,988	62,559	56,081	56,942	51,480
Total assets	1,295,165	1,264,193	1,238,616	1,172,707	1,148,097	1,151,196	1,155,309	1,140,149	1,206,735	1,180,691	1,118,125	1,265,149	1,151,926
Deposits from customers	835,768	817,837	791,597	754,147	738,451	724,460	723,052	711,765	741,163	723,852	698,132	815,037	728,700
Deposits from banks	56,246	49,152	45,335	43,336	45,363	43,724	45,110	42,856	46,157	51,509	49,406	50,257	44,744
Financial instruments designated at fair value through profit or loss	21,878	23,006	23,181	22,575	21,476	20,711	19,670	19,743	18,679	15,267	13,775	22,685	20,618
	913,892	889,995	860,113	820,058	805,290	788,895	787,832	774,364	805,999	790,628	761,313	887,979	794,062
Securities sold short	46,859	47,241	48,386	44,224	44,902	44,758	40,575	38,441	35,703	32,548	34,048	47,498	43,397
Obligations related to securities sold under repurchase													
Agreements and securities lent	117,780	112,935	121,478	109,038	107,753	124,439	125,132	127,649	146,320	135,041	130,097	117,447	119,050
Subordinated debentures	8,623	7,187	6,500	6,491	6,459	6,502	6,840	7,330	7,388	7,313	7,215	7,439	6,601
Other liabilities ⁽³⁾	134,484	134,226	128,635	119,058	111,636	115,860	124,074	121,863	140,638	144,905	115,468	131,665	117,536
Shareholders' equity													
- Common shares, retained earnings, accumulated other													
Comprehensive income and other reserves	64,938	65,503	65,461	64,735	64,089	63,424	63,103	62,851	63,574	63,874	63,561	65,200	63,596
- Preferred shares ⁽³⁾	7,025	5,552	5,883	6,966	5,807	4,884	5,308	5,308	4,684	3,872	3,884	6,160	5,338
- Non-controlling interests in subsidiaries	1,564	1,554	2,160	2,137	2,161	2,434	2,445	2,343	2,429	2,510	2,539	1,761	2,346
- Total shareholders' equity ⁽³⁾	73,527	72,609	73,504	73,838	72,057	70,742	70,856	70,502	70,687	70,256	69,984	73,121	71,280
Total liabilities and shareholders' equity	1,295,165	1,264,193	1,238,616	1,172,707	1,148,097	1,151,196	1,155,309	1,140,149	1,206,735	1,180,691	1,118,125	1,265,149	1,151,926

(1) Prior period amounts have been restated to include the Customers' liability under acceptances.

(2) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(3) Prior periods amounts have been restated to conform with current period presentation.

Consolidated Statement of Changes in Equity

	2022			2021				2020				Year-To-Date		Full Year	
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Common Shares															
Balance at beginning of period	18,799	18,421	18,507	18,493	18,377	18,297	18,239	18,236	18,231	18,248	18,264	18,507	18,239	18,239	18,264
Share issuance, net of repurchase/redemptions	(71)	378	(86)	14	116	80	58	3	5	(17)	(16)	221	254	268	(25)
Balance at end of period	18,728	18,799	18,421	18,507	18,493	18,377	18,297	18,239	18,236	18,231	18,248	18,728	18,493	18,507	18,239
Retained Earnings															
Balance at beginning of period	52,209	51,848	51,354	50,044	48,713	47,519	46,345	45,689	45,456	45,418	44,439	51,354	46,345	46,345	44,439
Net income attributable to common shareholders of the Bank	2,504	2,595	2,608	2,411	2,426	2,289	2,265	1,745	1,332	1,243	2,262	7,707	6,980	9,391	6,582
Dividends paid to common shareholders of the Bank	(1,229)	(1,195)	(1,207)	(1,095)	(1,093)	(1,092)	(1,091)	(1,091)	(1,090)	(1,090)	(1,092)	(3,631)	(3,276)	(4,371)	(4,363)
Shares repurchased/redeemed	(331)	(1,038)	(896)	-	-	-	-	-	-	(116)	(214)	(2,265)	-	-	(330)
Other	(2)	(1)	(11)	(6)	(2)	(3)	-	2	(9)	1	23	(14)	(5)	(11)	17
Balance at end of period	53,151	52,209	51,848	51,354	50,044	48,713	47,519	46,345	45,689	45,456	45,418	53,151	50,044	51,354	46,345
Accumulated Other Comprehensive Income (Loss)															
Balance at beginning of period	(6,034)	(4,324)	(5,333)	(3,986)	(3,979)	(2,785)	(2,125)	(1,402)	218	(543)	570	(5,333)	(2,125)	(2,125)	570
Other comprehensive income, net of income tax	(650)	(1,710)	1,009	(1,347)	(7)	(1,194)	(660)	(723)	(1,620)	761	(1,113)	(1,351)	(1,861)	(3,208)	(2,695)
Foreign currency translation	(753)	(264)	1,030	(803)	(166)	(1,382)	(1,030)	(512)	(1,036)	361	(941)	13	(2,578)	(3,381)	(2,128)
Debt instruments at fair value through other comprehensive income	(26)	(495)	(159)	(239)	(124)	(277)	40	(74)	254	61	52	(680)	(361)	(600)	293
Equity instruments at fair value through other comprehensive income	(122)	22	129	94	73	141	146	(24)	40	(136)	12	29	360	454	(108)
Cash flow hedges	(49)	(2,350)	(240)	(680)	225	(216)	(182)	(182)	(104)	200	75	(2,639)	(173)	(853)	(11)
Other	300	1,377	249	281	(15)	540	366	69	(774)	275	(311)	1,926	891	1,172	(741)
Balance at end of period	(6,684)	(6,034)	(4,324)	(5,333)	(3,986)	(3,979)	(2,785)	(2,125)	(1,402)	218	(543)	(6,684)	(3,986)	(5,333)	(2,125)
Other Reserves															
Balance at beginning of period	(141)	227	222	169	348	356	360	360	359	362	365	222	360	360	365
Share-based payments	1	2	6	1	1	1	4	-	1	1	3	9	6	7	5
Shares issued	-	(4)	(13)	(2)	(6)	(9)	(8)	-	(1)	(2)	(6)	(17)	(23)	(25)	(9)
Other	(12)	(366)	12	54	(174)	-	-	-	1	(2)	-	(366)	(174)	(120)	(1)
Balance at end of period	(152)	(141)	227	222	169	348	356	360	360	359	362	(152)	169	222	360
Total Common Equity at End of Period	65,043	64,833	66,172	64,750	64,720	63,459	63,387	62,819	62,883	64,264	63,485	65,043	64,720	64,750	62,819
Composition of Accumulated Other Comprehensive Income (Loss)															
Foreign currency translation	(4,696)	(3,943)	(3,679)	(4,709)	(3,906)	(3,740)	(2,358)	(1,328)	(816)	220	(141)				
Debt instruments at fair value through other comprehensive income	(950)	(924)	(429)	(270)	(31)	93	370	330	404	150	89				
Equity instruments at fair value through other comprehensive income	320	442	420	291	197	124	(17)	(163)	(139)	(179)	(43)				
Cash flow hedges	(2,853)	(2,804)	(454)	(214)	466	241	457	639	821	925	725				
Other	1,495	1,195	(182)	(431)	(712)	(697)	(1,237)	(1,603)	(1,672)	(898)	(1,173)				
Total	(6,684)	(6,034)	(4,324)	(5,333)	(3,986)	(3,979)	(2,785)	(2,125)	(1,402)	218	(543)				

Consolidated Statement of Changes in Equity (Continued)

	2022			2021				2020				Year-To-Date		Full Year	
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Preferred Shares and other Equity Instruments															
Balance at beginning of period	5,552	5,552	6,052	5,299	4,549	5,308	5,308	5,308	3,619	3,884	3,884	6,052	5,308	5,308	3,884
Issued	1,500	-	-	753	1,250	-	-	-	1,689	-	-	1,500	1,250	2,003	1,689
Repurchased/redeemed	-	-	(500)	-	(500)	(759)	-	-	-	(265)	-	(500)	(1,259)	(1,259)	(265)
Net income attributable to preferred shareholders and other equity instrument holders of the Bank	36	74	44	78	35	77	43	82	23	66	25	154	155	233	196
Dividends paid to preferred shareholders and other equity instrument holders of the Bank	(36)	(74)	(44)	(78)	(35)	(77)	(43)	(82)	(23)	(66)	(25)	(154)	(155)	(233)	(196)
Balance at end of period	7,052	5,552	5,552	6,052	5,299	4,549	5,308	5,308	5,308	3,619	3,884	7,052	5,299	6,052	5,308
Non-Controlling Interests: Non-Controlling Interests in Subsidiaries															
Balance at beginning of period	1,582	2,222	2,090	2,142	2,414	2,442	2,376	2,384	2,452	2,492	2,670	2,090	2,376	2,376	2,670
Net income attributable to non-controlling interests in subsidiaries	54	78	88	70	81	90	90	72	(51)	15	39	220	261	331	75
Other comprehensive income, net of income tax	(86)	(22)	61	(97)	(52)	(50)	(7)	(72)	6	(25)	(77)	(47)	(109)	(206)	(168)
Distributions to non-controlling interests	(13)	(59)	(17)	(25)	(13)	(68)	(17)	(7)	(12)	(99)	(30)	(89)	(98)	(123)	(148)
Other	(47)	(637)	-	-	(288)	-	-	(1)	(11)	69	(110)	(684)	(288)	(288)	(53)
Balance at end of period	1,490	1,582	2,222	2,090	2,142	2,414	2,442	2,376	2,384	2,452	2,492	1,490	2,142	2,090	2,376
Total Equity at End of Period	73,585	71,967	73,946	72,892	72,161	70,422	71,137	70,503	70,575	70,335	69,861	73,585	72,161	72,892	70,503

Loans and Acceptances by Type of Borrower

(\$ billions)

	July 31, 2022		April 30, 2022		January 31, 2022		October 31, 2021		July 31, 2021	
	Balance	% of Total	Balance	% of Total	Balance	% of Total	Balance	% of Total	Balance	% of Total
Residential mortgages	343.9	46.5%	337.7	47.3%	331.0	47.7%	319.7	48.2%	310.4	47.7%
Personal loans	96.6	13.1%	94.5	13.2%	92.6	13.4%	91.5	13.8%	91.5	14.1%
Credit cards	13.9	1.9%	13.6	1.9%	13.1	1.9%	12.5	1.9%	12.2	1.9%
Personal	454.4	61.5%	445.8	62.4%	436.7	63.0%	423.7	63.9%	414.1	63.7%
Financial services										
Non-bank	32.8	4.4%	31.1	4.4%	30.3	4.3%	29.4	4.4%	28.6	4.4%
Bank ⁽¹⁾	3.8	0.5%	3.5	0.5%	3.6	0.5%	4.4	0.7%	4.5	0.7%
Wholesale and retail	32.3	4.4%	30.7	4.3%	28.9	4.1%	26.8	4.0%	26.4	4.0%
Real estate and construction	56.2	7.6%	52.6	7.4%	49.0	7.1%	44.8	6.8%	43.8	6.7%
Energy	9.0	1.2%	8.8	1.2%	9.6	1.4%	10.0	1.5%	10.9	1.7%
Transportation	8.7	1.2%	8.8	1.2%	9.2	1.3%	9.3	1.4%	8.9	1.4%
Automotive	13.2	1.8%	12.2	1.7%	11.1	1.6%	10.3	1.6%	10.4	1.6%
Agriculture	18.9	2.6%	17.4	2.4%	17.0	2.4%	15.8	2.4%	16.1	2.5%
Hospitality and leisure	3.9	0.5%	4.0	0.6%	4.0	0.6%	4.1	0.6%	4.5	0.7%
Mining	5.8	0.8%	5.4	0.8%	4.9	0.7%	4.3	0.6%	4.1	0.6%
Metals	2.8	0.4%	2.7	0.4%	2.6	0.4%	2.4	0.4%	2.3	0.4%
Utilities	24.5	3.3%	22.3	3.1%	19.8	2.9%	18.9	2.9%	17.0	2.6%
Health care	7.2	1.0%	6.8	0.9%	6.7	1.0%	5.5	0.8%	5.8	0.9%
Technology and media	19.6	2.7%	19.7	2.8%	19.9	2.9%	15.9	2.4%	15.9	2.4%
Chemicals	2.4	0.3%	1.8	0.3%	1.9	0.3%	1.5	0.2%	1.6	0.2%
Food and beverage	11.8	1.6%	11.4	1.6%	11.1	1.6%	9.8	1.5%	9.8	1.5%
Forest products	2.3	0.3%	2.2	0.3%	2.1	0.3%	2.0	0.3%	2.1	0.3%
Other ⁽²⁾	23.1	3.1%	20.8	2.9%	19.7	2.8%	18.7	2.8%	18.8	2.9%
Sovereign ⁽³⁾	5.7	0.8%	6.0	0.8%	5.6	0.8%	5.4	0.8%	5.3	0.8%
Business and Government	284.0	38.5%	268.2	37.6%	257.0	37.0%	239.3	36.1%	236.8	36.3%
Loans and acceptances	738.4	100%	714.0	100%	693.7	100%	663.0	100%	650.9	100%
Allowance for credit losses on loans and acceptances	(5.2)		(5.3)		(5.5)		(5.7)		(6.1)	
Loans and Acceptances Net of Allowance for Credit Losses	733.2		708.7		688.2		657.3		644.8	

(1) Deposit taking institutions and securities firms.

(2) Other includes \$6.4 billion in wealth management, \$2.5 billion in services and \$1.0 billion in financing products.

(3) Includes central banks, regional and local governments, supra-national agencies.

Impaired Loans by Business Segment											
	2022			2021				2020			
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Gross Impaired Loans											
Retail	554	561	616	614	624	714	755	707	833	933	888
Commercial	217	263	288	327	297	326	312	342	376	289	218
Canadian Banking	771	824	904	941	921	1,040	1,067	1,049	1,209	1,222	1,106
Retail	1,488	1,462	1,504	1,537	1,741	1,945	2,088	1,799	1,898	1,899	1,832
Caribbean & Central America	345	342	368	386	419	421	490	485	461	489	427
Mexico	411	399	387	380	410	419	387	289	287	257	272
Peru	256	251	274	283	373	467	580	418	328	351	346
Chile	295	282	281	266	295	330	346	398	578	544	528
Colombia	128	133	147	171	188	251	221	149	183	199	202
Other ⁽¹⁾	53	55	47	51	56	57	64	60	61	59	57
Commercial	1,836	1,778	1,764	1,733	1,810	1,812	1,861	1,877	1,806	1,683	1,587
Caribbean & Central America	349	358	361	358	367	374	389	394	389	426	404
Mexico	406	396	388	378	361	297	287	281	278	231	256
Peru	468	419	436	411	411	399	393	406	310	295	267
Chile	311	261	259	246	316	379	369	377	432	298	283
Colombia	208	244	226	247	260	270	320	310	277	272	299
Other ⁽²⁾	94	100	94	93	95	93	103	109	120	161	78
International Banking	3,324	3,240	3,268	3,270	3,551	3,757	3,949	3,676	3,704	3,582	3,419
Global Wealth Management	27	32	32	26	28	33	39	26	26	31	27
Canada	103	126	130	134	151	156	74	57	77	138	113
U.S.A.	-	-	16	24	17	49	57	116	73	78	23
Europe	19	23	30	30	31	39	49	85	15	23	29
Asia	8	19	55	31	36	42	44	44	44	46	53
Global Banking and Markets	130	168	231	219	235	286	224	302	209	285	218
Total gross impaired loans	4,252	4,264	4,435	4,456	4,735	5,116	5,279	5,053	5,148	5,120	4,770
Net Impaired Loans											
Retail	285	288	336	314	279	339	413	381	524	649	619
Commercial	70	133	151	191	180	199	172	193	217	165	121
Canadian Banking	355	421	487	505	459	538	585	574	741	814	740
Retail	829	780	818	840	970	1,093	1,179	916	1,152	1,244	1,223
Caribbean & Central America	199	190	215	228	241	238	278	280	292	320	267
Mexico	264	248	239	238	246	246	255	186	207	188	195
Peru	69	58	76	78	159	228	253	73	55	142	181
Chile	210	190	190	179	195	221	249	286	473	455	439
Colombia	79	84	93	111	124	155	138	90	118	129	133
Other ⁽¹⁾	8	10	5	6	5	5	6	1	7	10	8
Commercial	1,373	1,288	1,279	1,259	1,331	1,282	1,320	1,347	1,296	1,162	1,076
Caribbean & Central America	313	323	324	316	326	329	344	345	340	363	346
Mexico	298	258	255	251	232	161	159	162	172	134	144
Peru	312	262	287	269	269	260	245	253	163	140	123
Chile	209	164	156	153	221	245	238	256	305	209	202
Colombia	182	215	202	219	226	231	273	267	235	211	229
Other ⁽²⁾	59	66	55	51	57	56	61	64	81	105	32
International Banking	2,202	2,068	2,097	2,099	2,301	2,375	2,499	2,263	2,448	2,406	2,299
Global Wealth Management	18	23	23	17	20	22	28	18	19	23	20
Canada	100	121	125	127	146	148	67	52	59	116	102
U.S.A.	-	-	16	20	16	47	54	112	69	72	19
Europe	18	21	28	29	30	35	38	61	7	17	25
Asia	2	6	36	4	4	13	14	16	18	25	28
Global Banking and Markets	120	148	205	180	196	243	173	241	153	230	174
Total Net Impaired Loans	2,695	2,660	2,812	2,801	2,976	3,178	3,285	3,096	3,361	3,473	3,233

(1) Includes Uruguay.

(2) Includes Brazil and Uruguay.

Changes in Gross Impaired Loans by Business Segment

	2022			2021				2020			
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Balance at Beginning of Period⁽¹⁾	4,264	4,435	4,456	4,735	5,116	5,279	5,053	5,148	5,120	4,770	5,135
Net Classifications											
Canadian Retail											
New classifications	381	362	380	350	328	415	457	293	444	574	572
Declassifications	(101)	(134)	(113)	(101)	(113)	(121)	(95)	(116)	(189)	(145)	(137)
Payments	(104)	(123)	(105)	(109)	(125)	(121)	(103)	(91)	(100)	(111)	(125)
Sales	-	-	-	-	-	-	-	-	-	-	-
Net classifications	176	105	162	140	90	173	259	86	155	318	310
Canadian Commercial											
New classifications	49	39	18	69	41	69	35	53	152	113	52
Declassifications	-	-	-	-	(11)	-	-	-	-	-	(3)
Payments	(69)	(47)	(42)	(25)	(18)	(7)	(32)	(30)	(9)	(11)	(22)
Sales	-	-	-	-	-	-	-	-	-	-	-
Net classifications	(20)	(8)	(24)	44	12	62	3	23	143	102	27
International Retail											
New classifications	673	620	660	721	1,063	1,351	1,162	750	852	934	1,032
Declassifications	(203)	(220)	(196)	(217)	(240)	(246)	(263)	(316)	(347)	(289)	(259)
Payments	(121)	(133)	(183)	(173)	(179)	(182)	(83)	(129)	(63)	(86)	(157)
Sales	-	-	-	-	(21)	-	-	-	-	-	-
Net classifications	349	267	281	331	623	923	816	305	442	559	616
International Commercial											
New classifications	234	127	62	97	159	109	78	243	305	196	66
Declassifications	(4)	(1)	-	(3)	-	(9)	-	-	(42)	-	-
Payments	(56)	(72)	(22)	(81)	(48)	(25)	(33)	(63)	(35)	(34)	(60)
Sales	-	-	-	-	-	-	-	-	-	-	-
Net classifications	174	54	40	13	111	75	45	180	228	162	6
Global Wealth Management											
New classifications	1	5	8	-	(4)	(3)	14	-	(4)	3	2
Declassifications	-	(4)	-	-	-	-	-	-	-	-	-
Payments	(2)	-	-	-	(1)	(2)	-	-	-	-	-
Sales	-	-	-	-	-	-	-	-	-	-	-
Net classifications	(1)	1	8	-	(5)	(5)	14	-	(4)	3	2
Global Banking and Markets											
New classifications	-	1	34	-	1	105	29	180	11	79	120
Declassifications	-	(15)	-	-	(32)	(7)	-	(51)	-	-	-
Payments	(28)	(13)	(8)	(11)	(9)	(16)	(67)	(5)	(51)	(3)	(112)
Sales	(7)	(33)	(13)	-	(4)	-	(6)	(5)	(4)	-	(1)
Net classifications	(35)	(60)	13	(11)	(44)	82	(44)	119	(44)	76	7
Total	643	359	480	517	787	1,310	1,093	713	920	1,220	968
Write-offs											
Canadian retail	(183)	(160)	(160)	(150)	(180)	(214)	(211)	(212)	(254)	(273)	(284)
Canadian commercial	(27)	(21)	(14)	(13)	(41)	(48)	(29)	(57)	(55)	(31)	(20)
International retail	(287)	(317)	(359)	(485)	(812)	(942)	(492)	(376)	(415)	(473)	(583)
International commercial	(75)	(48)	(51)	(52)	(101)	(44)	(33)	(88)	(97)	(36)	(49)
Global Wealth Management	(3)	-	(3)	(1)	(1)	-	-	-	(1)	-	-
Global Banking and Markets	(2)	(4)	(6)	(5)	(9)	(13)	(25)	(26)	(33)	(15)	(27)
Total	(577)	(550)	(593)	(706)	(1,144)	(1,261)	(790)	(759)	(855)	(828)	(963)
Forex⁽¹⁾ / Other											
Canadian retail	-	-	-	-	-	-	-	-	(1)	-	(16)
Canadian commercial	1	4	(1)	(1)	-	-	(4)	-	(1)	-	2
International retail	(36)	8	45	(50)	(15)	(124)	(35)	(28)	(28)	(19)	(247)
International commercial	(41)	8	42	(38)	(12)	(80)	(28)	(21)	(8)	(30)	(125)
Global Wealth Management	(1)	(1)	1	(1)	1	(1)	(1)	-	-	1	15
Global Banking and Markets	(1)	1	5	-	2	(7)	(9)	-	1	6	1
Total	(78)	20	92	(90)	(24)	(212)	(77)	(49)	(37)	(42)	(370)
Balance at End of Period⁽¹⁾	4,252	4,264	4,435	4,456	4,735	5,116	5,279	5,053	5,148	5,120	4,770

(1) Includes divestiture impact for GILs in Forex/Other in International Banking.

Allowance for Credit Losses & Other Reserves

	2022			2021				2020			
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Impaired Loans — Stage 3											
Balance beginning of period	1,604	1,623	1,655	1,759	1,938	1,994	1,957	1,776	1,643	1,533	1,595
Provision for credit losses ⁽¹⁾	389	406	405	511	841	1,192	762	835	928	870	835
Write-offs	(577)	(550)	(593)	(706)	(1,144)	(1,261)	(790)	(759)	(855)	(828)	(963)
Recoveries	192	128	136	146	161	120	116	127	105	96	136
Foreign currency adjustment and other	(51)	(3)	20	(55)	(37)	(107)	(51)	(22)	(45)	(28)	(70)
Balance end of period	1,557	1,604	1,623	1,655	1,759	1,938	1,994	1,957	1,776	1,643	1,533
Performing Loans — Stage 1 and 2											
Balance beginning of period	3,690	3,869	3,971	4,320	4,778	5,596	5,682	5,445	4,362	3,488	3,482
Provision for credit losses ⁽¹⁾	23	(187)	(183)	(343)	(461)	(696)	2	296	1,253	976	91
Foreign currency adjustment and other	(123)	8	81	(6)	3	(122)	(88)	(59)	(170)	(102)	(85)
Balance end of period	3,590	3,690	3,869	3,971	4,320	4,778	5,596	5,682	5,445	4,362	3,488
Allowance for credit losses on loans	5,147	5,294	5,492	5,626	6,079	6,716	7,590	7,639	7,221	6,005	5,021
Allowance for credit losses on off-balance sheet exposures	109	49	55	65	87	100	137	101	90	36	50
Allowance for Credit Losses on acceptances and other financial assets ⁽²⁾	39	32	36	40	66	77	83	80	92	38	24
Total allowance for credit losses	5,295	5,375	5,583	5,731	6,232	6,893	7,810	7,820	7,403	6,079	5,095
Allowance for Credit Losses by Business Segment											
Canadian Banking	1,880	1,918	2,075	2,255	2,476	2,580	2,655	2,648	2,551	2,056	1,660
Retail	1,532	1,595	1,723	1,863	2,009	2,056	2,064	2,051	1,986	1,667	1,386
Commercial	348	323	352	392	467	524	591	597	565	389	274
International Banking	3,209	3,268	3,271	3,219	3,446	3,965	4,736	4,742	4,456	3,736	3,294
Retail	2,459	2,505	2,514	2,477	2,672	3,123	3,853	3,862	3,630	2,955	2,578
Caribbean & Central America	511	506	507	524	557	592	680	716	677	598	515
Mexico	523	507	494	474	526	569	603	576	547	440	431
Peru	596	589	574	538	584	725	1,174	1,242	1,070	847	643
Chile	474	522	563	541	571	600	592	584	648	549	502
Colombia	277	298	299	319	346	547	702	638	580	426	399
Other ⁽³⁾	78	83	77	81	88	90	102	106	108	95	88
Commercial	750	763	757	742	774	842	883	880	826	781	716
Caribbean & Central America	81	74	71	74	84	90	94	105	104	111	90
Mexico	190	218	209	208	202	213	204	194	165	133	129
Peru	210	209	201	190	194	192	205	212	197	200	180
Chile	156	149	157	146	160	205	209	199	200	165	149
Colombia	54	57	52	58	74	84	103	97	94	95	100
Other ⁽⁴⁾	59	56	67	66	60	58	68	73	66	77	68
Global Wealth Management	23	20	20	23	22	23	24	21	19	19	17
Global Banking and Markets	178	169	217	234	288	325	395	409	377	268	124
Other	5	-	-	-	-	-	-	-	-	-	-
Total allowance for credit losses by business segment	5,295	5,375	5,583	5,731	6,232	6,893	7,810	7,820	7,403	6,079	5,095
Allowance for Credit Losses on Loans by Type of Borrower											
Impaired Loans — Stage 3	1,557	1,604	1,623	1,655	1,759	1,938	1,994	1,957	1,776	1,643	1,533
Residential mortgages	375	393	395	374	403	410	406	392	324	296	288
Personal loans	559	566	574	626	715	821	849	820	734	647	593
Credit cards	-	-	-	-	-	-	-	-	-	-	-
Business and government	623	645	654	655	641	707	739	745	718	700	652
Performing Loans — Stage 1 and 2	3,590	3,690	3,869	3,971	4,320	4,778	5,596	5,682	5,445	4,362	3,488
Residential mortgages	468	441	440	428	435	431	458	492	498	410	351
Personal loans	1,554	1,605	1,675	1,715	1,835	1,985	2,301	2,335	2,226	1,798	1,497
Credit cards	1,049	1,107	1,165	1,211	1,306	1,545	1,915	1,886	1,845	1,482	1,244
Business and government	519	537	589	617	744	817	922	969	876	672	396
Allowance for Credit Losses on Loans	5,147	5,294	5,492	5,626	6,079	6,716	7,590	7,639	7,221	6,005	5,021

(1) Includes provision for credit losses on all financial assets.

(2) Other financial assets include debt securities, deposits with financial institutions, accrued interest and reverse repos.

(3) Includes Uruguay.

(4) Includes Brazil and Uruguay.

Impaired Loans by Type of Borrower

	July 31, 2022			April 30, 2022			July 31, 2021		
		Allowance for Credit Losses			Allowance for Credit Losses			Allowance for Credit Losses	
(\$ millions)	Gross	Stage 3	Net	Gross	Stage 3	Net	Gross	Stage 3	Net
Residential mortgages	1,281	375	906	1,273	393	880	1,432	403	1,029
Personal loans	778	559	219	767	566	201	946	715	231
Credit cards ⁽¹⁾	-	-	-	-	-	-	-	-	-
Personal	2,059	934	1,125	2,040	959	1,081	2,378	1,118	1,260
Financial services									
Non-bank	49	11	38	51	7	44	38	7	31
Bank	1	-	1	1	-	1	2	2	-
Wholesale and retail	382	192	190	452	208	244	492	212	280
Real estate and construction	408	72	336	344	71	273	365	61	304
Energy	60	15	45	98	16	82	91	14	77
Transportation	92	40	52	86	29	57	131	23	108
Automotive	20	9	11	33	19	14	41	24	17
Agriculture	188	76	112	181	72	109	199	69	130
Hospitality and leisure	84	15	69	85	12	73	54	8	46
Mining	24	3	21	21	2	19	22	2	20
Metals	67	18	49	70	18	52	106	38	68
Utilities	100	12	88	114	14	100	140	11	129
Health care	54	26	28	54	26	28	73	24	49
Technology and media	34	11	23	46	16	30	42	10	32
Chemicals	82	11	71	5	3	2	5	2	3
Food and beverage	81	25	56	83	28	55	92	33	59
Forest products	75	14	61	82	20	62	104	19	85
Other	156	66	90	188	79	109	159	78	81
Sovereign	236	7	229	230	5	225	201	4	197
Business & Government	2,193	623	1,570	2,224	645	1,579	2,357	641	1,716
Impaired Loans, Net of Related Allowances	4,252	1,557	2,695	4,264	1,604	2,660	4,735	1,759	2,976

(1) The Bank writes off credit receivables at 180 days, on transfer from performing loans to impaired.

Provision for Credit Losses (PCL) by Business Segment

	Q3/22			Q2/22			Q1/22			Q4/21			Q3/21		
	Stage 1 & 2	Stage 3	Total PCL	Stage 1 & 2	Stage 3	Total PCL	Stage 1 & 2	Stage 3	Total PCL	Stage 1 & 2	Stage 3	Total PCL	Stage 1 & 2	Stage 3	Total PCL
Total PCL (\$ millions)															
Retail	(58)	143	85	(120)	118	(2)	(119)	106	(13)	(102)	70	(32)	(16)	108	92
Commercial	8	-	8	(23)	13	(10)	(41)	19	(22)	(93)	29	(64)	(50)	27	(23)
Canadian Banking	(50)	143	93	(143)	131	(12)	(160)	125	(35)	(195)	99	(96)	(66)	135	69
Retail	42	201	243	(2)	220	218	(8)	232	224	(75)	341	266	(346)	644	298
Commercial	18	61	79	(1)	58	57	(4)	54	50	(19)	66	47	(18)	59	41
International Banking	60	262	322	(3)	278	275	(12)	286	274	(94)	407	313	(364)	703	339
Global Wealth Management	3	2	5	-	1	1	(3)	2	(1)	(2)	3	1	2	(3)	(1)
Global Banking and Markets	2	(18)	(16)	(42)	(4)	(46)	(8)	(8)	(16)	(51)	2	(49)	(34)	6	(28)
Other	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
PCL on loans, acceptances and off-balance sheet exposures	15	389	404	(188)	406	218	(183)	405	222	(341)	511	170	(462)	841	379
Canadian Banking	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
International Banking	3	-	3	1	-	1	-	-	-	1	-	1	-	-	-
Global Banking and Markets	1	-	1	-	-	-	-	-	-	(1)	-	(1)	1	-	1
Global Wealth Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	4	-	4	-	-	-	-	-	-	(2)	-	(2)	-	-	-
PCL on other financial assets⁽¹⁾	8	-	8	1	-	1	-	-	-	(2)	-	(2)	1	-	1
Total PCL	23	389	412	(187)	406	219	(183)	405	222	(343)	511	168	(461)	841	380
Provision for Credit Losses as a % of Net Loans and Acceptances (bps)⁽²⁾															
Retail	(7)	16	9	(14)	14	-	(14)	12	(2)	(12)	8	(4)	(2)	14	12
Commercial	4	1	5	(13)	7	(6)	(24)	11	(13)	(58)	18	(40)	(31)	17	(14)
Canadian Banking	(4)	13	9	(14)	13	(1)	(15)	12	(3)	(20)	10	(10)	(7)	14	7
Retail	26	121	147	(2)	139	137	(5)	150	145	(49)	225	176	(228)	425	197
Commercial	8	28	36	-	29	29	(2)	27	25	(10)	34	24	(9)	31	22
International Banking	16	68	84	-	77	77	(4)	81	77	(27)	118	91	(108)	208	100
Global Wealth Management	6	2	8	-	1	1	(6)	5	(1)	(2)	4	2	5	(8)	(3)
Global Banking and Markets	1	(6)	(5)	(15)	(1)	(16)	(3)	(3)	(6)	(19)	1	(18)	(14)	3	(11)
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provision for Credit Losses as a % of Net Loans and Acceptances	1	21	22	(11)	24	13	(11)	24	13	(21)	31	10	(29)	53	24
Net write-offs as a % of Net Loans and Acceptances (bps)⁽²⁾															
Retail			17			15			15			14			17
Commercial			(8)			10			7			5			23
Canadian Banking			12			14			14			12			18
Retail			131			146			171			255			467
Commercial			31			21			23			25			50
International Banking			74			76			88			125			237
Global Wealth Management			6			-			5			2			1
Global Banking and Markets			(11)			2			1			-			3
Other			-			-			-			-			-
Net write-offs as a % of Net Loans and Acceptances			21			25			27			34			62

(1) Other financial assets include debt securities, deposits with financial institutions, accrued interest and reverse repos.

(2) Refer to page 51 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>, for an explanation of the composition of the measure. Such explanation is incorporated by reference hereto.

Provision for Credit Losses (PCL) by Type of Borrower

(\$ millions)	2022			2021				2020				Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1 ⁽¹⁾	2021	2020
Adjusted PCL on Impaired Loans (Stage 3)⁽²⁾													
Residential mortgages	(2)	3	25	7	20	41	49	90	58	23	4	117	175
Personal loans	192	196	178	222	324	496	387	379	429	415	412	1,429	1,635
Credit cards	155	139	137	183	406	551	221	171	231	283	283	1,361	968
Personal	345	338	340	412	750	1,088	657	640	718	721	699	2,907	2,778
Financial Services													
Non-bank	3	2	-	1	1	-	-	1	4	-	-	2	5
Bank	-	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale and retail	(29)	9	18	23	22	53	28	48	56	23	10	126	137
Real estate and construction	28	15	11	17	8	13	13	11	19	20	22	51	72
Energy	(30)	-	3	(2)	2	6	9	35	31	22	16	15	104
Transportation	12	8	3	(1)	5	5	16	29	33	1	1	25	64
Automotive	(2)	-	-	-	1	1	(1)	1	9	5	2	1	17
Agriculture	17	5	12	7	2	4	11	10	20	5	13	24	48
Hospitality and leisure	5	4	3	2	1	2	2	1	-	-	-	7	1
Mining	2	-	-	-	-	-	-	-	-	1	-	-	1
Metals	1	1	(6)	7	23	1	-	11	7	9	2	31	29
Utilities	12	8	3	1	1	2	2	13	-	1	1	6	15
Health care	2	1	2	4	2	1	3	5	11	26	7	10	49
Technology and media	6	6	1	13	-	2	2	6	6	8	3	17	23
Chemicals	8	-	-	1	-	-	-	1	-	-	-	1	1
Food and beverage	7	2	1	1	4	7	7	10	1	5	9	19	25
Forest products	3	-	10	16	11	1	-	-	3	4	5	28	12
Other	(2)	5	3	9	7	6	13	13	9	18	12	35	52
Sovereign	1	2	1	-	1	-	-	-	1	1	-	1	2
Business & Government	44	68	65	99	91	104	105	195	210	149	103	399	657
Total Adjusted PCL on Impaired Loans (Stage 3)⁽²⁾	389	406	405	511	841	1,192	762	835	928	870	802	3,306	3,435
Adjusted PCL on Performing Loans (Stage 1 and 2)⁽¹⁾⁽²⁾													
Personal	(16)	(122)	(130)	(177)	(360)	(575)	(4)	187	939	701	(13)	(1,116)	1,814
Business & Government	39	(65)	(53)	(166)	(101)	(121)	6	109	314	275	(18)	(382)	680
Total Adjusted PCL on Performing Loans (Stage 1 and 2)⁽¹⁾⁽²⁾	23	(187)	(183)	(343)	(461)	(696)	2	296	1,253	976	(31)	(1,498)	2,494
Total PCL	412	219	222	168	380	496	764	1,131	2,181	1,846	771	1,808	5,929

(1) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(2) Includes provision for credit losses on all performing financial assets.

Cross-Border Exposures to Select Countries⁽¹⁾

Outstandings (Net of Provisions) (\$ millions)	Loans	Trade	Interbank Deposits	Government Other Securities	Investment in Subsidiaries & Affiliates	Other	July 31, 2022 Total	April 30, 2022 Total	July 31, 2021 Total
Asia									
China	1,052	735	401	1,043	78	19	3,328	3,346	4,465
India	1,141	27	-	-	-	5	1,173	1,360	1,345
Singapore	4,322	12	181	-	-	5	4,520	4,468	3,760
Hong Kong	1,337	79	10	38	-	60	1,524	1,494	1,533
Japan	358	88	7	4,823	-	1	5,277	4,797	5,715
Other ⁽²⁾	493	28	73	-	261	17	872	737	1,041
Total	8,703	969	672	5,904	339	107	16,694	16,202	17,859
Latin America									
Chile	3,144	1,327	3,716	296	5,319	13	13,815	13,899	13,729
Mexico	5,563	124	-	580	5,478	13	11,758	11,453	10,283
Brazil	10,967	1,466	-	44	710	160	13,347	12,183	10,969
Peru	4,277	38	-	108	4,749	83	9,255	8,724	7,431
Colombia	2,460	299	-	157	967	-	3,883	4,060	3,591
Others ⁽³⁾	160	7	-	-	481	-	648	642	593
Total	26,571	3,261	3,716	1,185	17,704	269	52,706	50,961	46,596
Caribbean & Central America									
Panama	4,467	33	53	124	192	-	4,869	4,788	4,544
Costa Rica	970	51	-	-	987	3	2,011	1,999	2,338
Dominican Republic	1,309	112	22	-	838	-	2,281	2,201	1,872
Others ⁽⁴⁾	840	87	-	-	1,356	-	2,283	2,302	2,377
Total	7,586	283	75	124	3,373	3	11,444	11,290	11,131

(1) Cross-border exposure represents a claim, denominated in a currency other than the local one, against a borrower in a foreign country on the basis of ultimate risk.

(2) Includes Indonesia, Macau, Malaysia, South Korea, Thailand and Taiwan. Prior period amounts have been restated to include Thailand.

(3) Includes Venezuela and Uruguay.

(4) Includes other Caribbean countries such as Bahamas, Barbados, Jamaica, Trinidad & Tobago, and Turks & Caicos.

Financial Investments — Unrealized Gains (Losses)

	2022			2021				2020			
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Investment securities measured at fair value through Other Comprehensive Income (OCI) — unrealized gains (losses)											
Canadian and U.S. sovereign debt	(1,066)	(1,244)	(51)	219	462	453	792	1,049	1,327	1,242	679
Other foreign government debt	(854)	(880)	(517)	(455)	(153)	(62)	223	257	354	174	99
Other debt	(282)	(322)	(86)	(42)	73	62	225	271	328	201	73
Equity securities at fair value through OCI	382	588	597	441	381	355	244	113	164	103	206
Total investment securities measured at fair value through Other Comprehensive Income (OCI) — unrealized gains (losses)	(1,821)	(1,858)	(57)	163	763	808	1,484	1,690	2,173	1,720	1,057
Net fair value of derivative instruments and other hedge amounts	796	1,118	(34)	(206)	(515)	(440)	(859)	(1,243)	(1,580)	(1,546)	(823)
Net unrealized gains (losses)	(1,025)	(740)	(91)	(43)	248	368	625	447	593	174	234

Regulatory Capital Highlights

	2022			2021			
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Common Equity Tier 1 capital⁽¹⁾	51,639	51,547	52,150	51,010	50,465	49,697	49,542
Tier 1 capital⁽¹⁾	58,801	57,201	57,911	57,915	56,630	55,152	55,293
Total capital⁽¹⁾	68,086	66,628	65,527	66,101	65,101	63,686	63,724
Total loss absorbing capacity (TLAC)⁽²⁾	128,800	133,841	122,613	115,681	104,759	97,870	94,967
Risk-weighted assets⁽¹⁾							
Capital risk-weighted assets	452,800	445,273	433,682	416,105	414,169	404,727	406,780
Capital ratios (%)							
Common Equity Tier 1 (as a percentage of risk-weighted assets) ⁽¹⁾	11.4	11.6	12.0	12.3	12.2	12.3	12.2
Tier 1 (as a percentage of risk-weighted assets) ⁽¹⁾	13.0	12.8	13.4	13.9	13.7	13.6	13.6
Total capital (as a percentage of risk-weighted assets) ⁽¹⁾	15.0	15.0	15.1	15.9	15.7	15.7	15.7
Total loss absorbing capacity (as a percentage of risk-weighted assets) ⁽²⁾	28.4	30.1	28.3	27.8	25.3	24.2	23.3
Leverage							
Leverage exposures ⁽³⁾	1,388,823	1,360,184	1,308,247	1,201,766	1,191,993	1,180,223	1,179,755
Leverage ratio (%) ⁽³⁾	4.2	4.2	4.4	4.8	4.8	4.7	4.7
TLAC Leverage ratio (%) ⁽²⁾	9.3	9.8	9.4	9.6	8.8	8.3	8.0
OSFI target (%)							
Common Equity Tier 1 minimum ratio	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Tier 1 capital minimum ratio	9.5	9.5	9.5	9.5	9.5	9.5	9.5
Total capital minimum ratio	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Leverage minimum ratio	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Total loss absorbing capacity minimum ratio	21.5	21.5	21.5	N/A	N/A	N/A	N/A
TLAC Leverage minimum ratio	6.75	6.75	6.75	N/A	N/A	N/A	N/A
Capital instruments subject to phase-out arrangements							
Current cap on additional Tier 1 (AT1) instruments subject to phase-out arrangements (%)	-	-	-	10	10	10	10
Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	750	750	750	97	97	97	505
Current cap on Tier 2 (T2) instruments subject to phase-out arrangements (%)	-	-	-	10	10	10	10
Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	197	250	250	-	-	-	-

(1) This measure has been disclosed in this document in accordance with OSFI Guideline - Capital Adequacy Requirements (November 2018).

(2) This measure has been disclosed in this document in accordance with OSFI Guideline - Total Loss Absorbing Capacity (September 2018).

(3) This measure has been disclosed in this document in accordance with OSFI Guideline - Leverage Requirements (November 2018).

N/A - not applicable

Appendix 1: Business Segment Performance: Global Banking and Markets (Reported Including LATAM)

	2022			2021				2020				Year-To-Date		Full Year	
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Global Banking and Markets															
Revenue by Business															
Business banking	729	708	668	622	649	620	627	606	657	709	660	2,105	1,896	2,518	2,632
Capital markets	423	554	736	555	604	637	709	604	888	751	507	1,713	1,950	2,505	2,750
Reported Total Revenue (TEB)	1,152	1,262	1,404	1,177	1,253	1,257	1,336	1,210	1,545	1,460	1,167	3,818	3,846	5,023	5,382
Adjusting items ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	102	-	-	-	102
Adjusted Total Revenue (TEB)⁽²⁾	1,152	1,262	1,404	1,177	1,253	1,257	1,336	1,210	1,545	1,460	1,269	3,818	3,846	5,023	5,484
Reported net income	378	488	561	502	513	517	543	460	600	523	372	1,427	1,573	2,075	1,955
Reported net income attributable to non-controlling interests	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reported net income attributable to equity holders of the bank	378	488	561	502	513	517	543	460	600	523	372	1,427	1,573	2,075	1,955
Adjusted net income ⁽²⁾	378	488	561	502	513	517	543	460	600	523	451	1,427	1,573	2,075	2,034
Adjusted net income attributable to non-controlling interests ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjusted net income attributable to equity holders of the bank⁽²⁾	378	488	561	502	513	517	543	460	600	523	451	1,427	1,573	2,075	2,034
Average Balances (\$ billions)															
Total assets	443.0	431.3	444.2	408.5	400.9	399.0	395.2	388.5	415.6	433.5	411.4	439.6	398.4	400.9	412.1
Total liabilities	419.2	400.1	406.7	382.1	373.4	398.1	387.1	386.5	414.1	377.9	337.3	408.8	386.1	385.1	378.9
Global Banking and Markets — LATAM⁽³⁾															
Revenue by Business:															
Business banking	263	257	248	210	206	215	217	242	236	223	232	768	638	848	933
Capital markets	148	152	195	134	169	147	187	115	162	157	187	495	503	637	621
Total revenue (TEB)	411	409	443	344	375	362	404	357	398	380	419	1,263	1,141	1,485	1,554
Net income	201	197	218	192	199	189	194	145	165	171	211	616	582	774	692
Net income attributable to non-controlling interests	9	12	18	12	17	20	20	13	11	15	18	39	57	69	57
Net income attributable to equity holders of the bank	192	185	200	180	182	169	174	132	154	156	192	577	525	705	635
Average Balances (\$ billions)															
Total assets	62.6	57.8	55.1	52.7	48.8	50.3	52.6	53.7	59.5	55.7	51.4	58.5	50.6	51.1	55.1
Total liabilities	45.9	44.4	41.4	38.6	40.3	39.9	38.7	37.3	38.4	35.8	32.7	43.9	39.6	39.4	36.1
Global Banking and Markets — Including LATAM															
Revenue by Business:															
Business banking	992	965	916	832	855	835	844	848	893	932	892	2,873	2,534	3,366	3,565
Capital markets	571	706	931	689	773	784	896	719	1,050	908	694	2,208	2,453	3,142	3,371
Total revenue (TEB)	1,563	1,671	1,847	1,521	1,628	1,619	1,740	1,567	1,943	1,840	1,586	5,081	4,987	6,508	6,936
Adjusting items ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	102	-	-	-	102
Adjusted total revenue (TEB)⁽²⁾	1,563	1,671	1,847	1,521	1,628	1,619	1,740	1,567	1,943	1,840	1,688	5,081	4,987	6,508	7,038
Reported net income	579	685	779	694	712	706	737	605	765	694	583	2,043	2,155	2,849	2,647
Reported net income attributable to non-controlling interests	9	12	18	12	17	20	20	13	11	15	18	39	57	69	57
Reported net income attributable to equity holders of the bank	570	673	761	682	695	686	717	592	754	679	564	2,004	2,098	2,780	2,590
Adjusted net income ⁽²⁾	579	685	779	694	712	706	737	605	765	694	662	2,043	2,155	2,849	2,726
Adjusted net income attributable to non-controlling interests ⁽²⁾	9	12	18	12	17	20	20	13	11	15	18	39	57	69	57
Adjusted net income attributable to equity holders of the bank⁽²⁾	570	673	761	682	695	686	717	592	754	679	644	2,004	2,098	2,780	2,669
Average Balances (\$ billions)															
Total assets	505.6	489.1	499.3	461.2	449.7	449.3	447.8	442.2	475.1	489.2	462.8	498.1	449.0	452.0	467.2
Total liabilities	465.1	444.5	448.1	420.7	413.7	438.0	425.8	423.8	452.5	413.7	370.0	452.7	425.7	424.5	415.0

(1) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(2) Includes results of Mexico, Peru, Colombia, Chile, Brazil, along with results of smaller operations in the region.

Appendix 2: International Banking by Region⁽¹⁾— Latin America

	2022			2021				2020				Year-To-Date		Full Year	
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Latin America⁽²⁾															
Total revenue (TEB)	1,856	1,837	1,886	1,800	1,826	1,758	1,864	1,850	1,833	1,845	1,944	5,587	5,433	7,232	7,451
Provision for credit losses	274	234	239	270	296	318	435	620	973	763	400	744	1,041	1,309	2,755
Non-interest expenses	975	949	977	955	957	938	986	1,013	962	999	1,077	2,904	2,878	3,834	4,050
Net income before tax	607	654	670	575	573	502	443	217	(102)	83	467	1,939	1,514	2,089	646
Income tax expense (TEB)	82	121	163	87	124	133	105	12	(55)	14	95	363	362	448	66
Reported net income	525	533	507	488	449	369	338	205	(47)	69	372	1,576	1,152	1,641	580
Adjusting items (after tax) ⁽³⁾	6	7	6	6	6	7	8	7	16	19	62	19	21	27	107
Adjusted net income⁽⁴⁾	531	540	513	494	455	376	346	212	(31)	88	434	1,595	1,173	1,668	687
Reported															
Net income attributable to non-controlling interests (NCI)	27	51	62	59	53	57	60	42	(51)	(4)	39	147	176	237	26
Net income attributable to equity holders of the Bank (NIAEH)	498	482	445	429	396	312	278	163	4	73	333	1,429	976	1,404	554
— Reported NIAEH - relating to divested operations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impact of FX Translation	-	8	(5)	8	11	13	22	16	11	33	46	-	57	66	125
NIAEH — including impact of FX Translation	498	490	440	437	407	325	300	179	15	106	379	1,429	1,033	1,470	679
— Reported NIAEH - relating to divested operations including impact of FX translation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjusted⁽⁵⁾															
Net income attributable to non-controlling interests (NCI)	27	51	62	58	52	58	61	42	(46)	-	54	147	176	236	51
Net income attributable to equity holders of the bank (NIAEH)	504	489	451	436	403	318	285	170	15	88	380	1,448	997	1,432	636
Impact of FX translation	-	8	(4)	8	11	15	24	16	13	34	55	-	59	68	136
NIAEH - including impact of FX translation	504	497	447	444	414	333	309	186	28	122	435	1,448	1,056	1,500	772
Profitability Measurements⁽⁶⁾															
Net interest margin ⁽³⁾	3.68	3.73	3.64	3.56	3.55	3.80	3.89	3.81	3.80	4.07	4.34	3.68	3.75	3.70	3.99
Reported															
Provision for credit losses (PCL) as % of average net loans and acceptances ⁽³⁾⁽⁶⁾	0.83	0.76	0.77	0.89	1.01	1.17	1.56	2.22	3.34	2.76	1.54	0.79	1.25	1.16	2.48
PCL on impaired loans as % of average net loans and acceptances ⁽³⁾⁽⁶⁾	0.70	0.77	0.73	1.17	2.14	2.97	1.50	1.66	1.54	1.47	1.47	0.73	2.19	1.93	1.53
Productivity ratio (%) ⁽³⁾	52.6	51.6	51.8	52.8	52.1	53.1	52.6	53.7	52.1	53.1	55.2	52.0	52.6	52.6	53.6
Adjusted⁽⁵⁾															
PCL as % of Average Net Loans and Acceptances ⁽⁶⁾	0.83	0.76	0.77	0.89	1.01	1.17	1.56	2.22	3.34	2.76	1.42	0.79	1.25	1.16	2.45
PCL on impaired loans as % of average net loans and acceptances ⁽⁶⁾	0.70	0.77	0.73	1.17	2.14	2.97	1.50	1.66	1.54	1.47	1.44	0.73	2.19	1.93	1.53
Productivity ratio (%)	52.1	51.1	51.3	52.3	51.6	52.6	52.0	53.2	50.7	51.4	52.1	51.5	52.1	52.1	51.9
Average Balances (\$ billions)															
Residential mortgages	35.1	33.7	32.4	30.6	29.4	28.7	28.2	27.6	27.2	26.7	25.7	34.2	29.2	29.7	27.2
Personal loans	15.4	14.9	14.9	14.8	14.8	14.6	14.6	15.1	15.5	15.6	15.7	15.2	14.7	14.8	15.6
Credit cards	6.0	5.7	5.3	4.9	4.9	5.6	6.2	6.3	6.5	7.0	7.0	5.8	5.7	5.5	6.7
Business and government loans & acceptances	77.0	73.5	70.6	69.3	66.3	65.4	64.5	66.7	71.6	66.3	61.1	73.6	65.2	66.2	66.2
Total loans & acceptances	133.5	127.8	123.2	119.6	115.4	114.3	113.5	115.7	120.8	115.6	109.5	128.8	114.8	116.2	115.7
Total Deposits	85.8	83.0	80.1	79.2	79.9	77.0	77.1	78.7	81.2	77.7	72.9	83.0	78.0	78.3	77.7

(1) Data presented on a constant FX basis. Quarterly results reflect FX rates as of Q3/22, while full-year results reflect Current Year Average FX rates. Refer to non-GAAP measures on page 7 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(2) Includes results of Mexico, Peru, Colombia, Chile, Brazil, along with results of smaller operations in the region and unallocated expenses.

(3) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(4) Ratios are on a reported currency basis.

(5) Refer to page 51 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>, for an explanation of the composition of the measure. Such explanation is incorporated by reference hereto.

(6) Provision for credit losses on certain financial assets - loans, acceptances and off-balance sheet exposures.

Appendix 2: International Banking by Region⁽¹⁾— Caribbean, Central America, and Asia

	2022			2021				2020				Year-To-Date		Full Year	
(\$ millions)	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2022	2021	2021	2020
Caribbean & Central America															
Total revenue (TEB)	528	511	497	475	482	499	503	520	509	551	664	1,521	1,468	1,938	2,220
Provision for credit losses	51	39	40	48	47	64	59	69	189	158	112	131	170	219	522
Non-interest expenses	320	309	324	306	343	318	341	351	334	343	412	944	992	1,294	1,431
Net income before tax	157	163	133	121	92	117	103	100	(14)	50	140	446	306	425	267
Income tax expense (TEB)	32	50	36	31	19	30	26	18	(9)	3	31	113	73	103	43
Reported net income	125	113	97	90	73	88	77	82	(6)	47	109	333	233	322	225
Adjusting items (after tax) ⁽²⁾	1	1	1	1	1	-	1	12	14	7	43	2	3	3	74
Adjusted net income⁽³⁾	126	114	98	91	74	88	78	94	8	54	152	335	236	325	299
Reported															
Net income attributable to non-controlling interests (NCI)	24	21	21	16	20	21	17	22	12	16	17	66	57	74	66
Net income attributable to equity holders of the Bank (NIAEH)	101	92	76	74	53	67	60	60	(18)	31	92	267	176	248	159
— Reported NIAEH - relating to divested operations	-	-	-	1	1	1	4	3	-	(1)	38	-	6	7	40
Impact of FX translation	-	(1)	-	(3)	(6)	-	(1)	2	2	7	1	-	(4)	(5)	17
NIAEH — including impact of FX translation	101	91	76	71	47	67	59	62	(16)	38	93	267	172	243	176
— Reported NIAEH - relating to divested operations including impact of FX translation	-	-	-	1	1	-	4	3	-	(1)	38	-	5	6	40
Adjusted⁽⁴⁾															
Net income attributable to non-controlling interests (NCI)	25	22	21	17	21	20	17	22	12	16	20	66	57	74	68
Net income attributable to equity holders of the bank (NIAEH)	101	92	77	74	53	68	61	72	(4)	38	132	269	179	251	231
Impact of FX translation	-	-	(1)	(3)	(6)	-	(2)	3	2	8	2	-	(5)	(6)	20
NIAEH - including impact of FX translation	101	92	76	71	47	68	59	75	(2)	46	134	269	174	245	251
Profitability Measurements⁽⁵⁾															
Net interest margin ⁽²⁾	4.72	4.51	4.38	4.36	4.56	4.73	4.75	4.73	4.89	5.19	5.16	4.54	4.68	4.60	5.00
Reported⁽⁶⁾															
Provision for credit losses (PCL) as % of average net loans and acceptances ⁽³⁾	0.94	0.79	0.80	0.98	0.96	1.28	1.11	1.28	3.24	2.89	1.71	0.84	1.12	1.09	2.29
PCL on impaired loans as % of average net loans and acceptances ⁽³⁾	0.61	0.78	1.31	1.24	1.71	1.90	1.54	1.13	1.25	1.37	1.35	0.90	1.71	1.60	1.28
Productivity ratio (%)	60.5	60.6	65.2	64.7	71.6	64.0	68.0	67.2	65.4	61.9	62.3	62.1	67.8	67.0	64.0
Adjusted⁽⁶⁾															
PCL as % of Average Net Loans and Acceptances ⁽³⁾	0.94	0.79	0.80	0.98	0.96	1.28	1.11	1.28	3.24	2.89	1.12	0.84	1.12	1.09	2.12
PCL on impaired loans as % of average net loans and acceptances ⁽³⁾	0.61	0.78	1.31	1.24	1.71	1.90	1.54	1.13	1.25	1.37	1.09	0.90	1.71	1.60	1.21
Productivity ratio (%)	60.4	60.4	65.0	64.5	71.4	63.8	67.8	64.2	62.0	60.2	60.0	61.9	67.6	66.8	61.5
Average Balances (\$ billions)															
Residential mortgages	7.2	7.2	7.1	7.1	7.1	7.2	7.3	7.3	7.4	7.5	9.7	7.1	7.1	7.1	7.9
Personal loans	3.1	3.0	3.0	3.0	3.1	3.2	3.3	3.5	3.7	3.8	4.5	3.0	3.2	3.1	3.8
Credit cards	1.3	1.3	1.3	1.3	1.4	1.5	1.6	1.6	1.6	1.7	1.9	1.3	1.5	1.4	1.7
Business and government loans & acceptances	9.6	9.5	9.6	9.4	9.6	9.8	9.7	9.9	11.0	10.7	11.2	9.4	9.6	9.5	10.6
Total loans & acceptances	21.2	21.0	21.0	20.8	21.2	21.7	21.9	22.3	23.7	23.7	27.3	20.8	21.4	21.1	24.0
Total deposits	22.9	22.7	22.2	23.2	23.3	23.1	23.2	23.5	23.7	23.8	28.2	22.4	23.0	23.0	24.6
Asia															
Net income before tax ⁽⁴⁾	35	35	42	36	42	41	43	33	37	42	60	115	129	166	178
Income tax expense (TEB)	9	12	14	16	11	14	15	11	11	14	18	36	40	57	58
Net income	26	23	28	20	31	27	28	22	26	28	42	79	89	109	120
Net income attributable to non-controlling interests (NCI)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net income attributable to equity holders of the Bank (NIAEH)	26	23	28	20	31	27	28	22	26	28	42	79	89	109	120
— Reported NIAEH - relating to divested operations	-	-	-	-	-	-	-	-	-	-	22	-	-	-	22
Impact of FX translation	-	1	1	-	1	1	2	-	1	1	4	-	1	1	5
NIAEH - including impact of FX translation	26	24	29	20	32	28	30	22	27	29	46	79	90	110	125
— Reported NIAEH - relating to divested operations including impact of FX translation	-	-	-	-	-	-	-	-	-	-	27	-	-	-	27

(1) Data presented on a constant FX basis. Quarterly results reflect FX rates as of Q3/22, while full-year results reflect Current Year Average FX rates. Refer to non-GAAP measures on page 7 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(2) Refer to non-GAAP measures on page 4 of the Q3 2022 Quarterly Report to Shareholders, available on <http://www.sedar.com>.

(3) Ratios are on a reported currency basis.

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(5) Provision for credit losses on certain financial assets - loans, acceptances and off-balance sheet exposures.

(6) Reported in Net Income (Loss) from Investments in Associated Corporations in International Banking's results.