



Pillar 3 Report and Supplementary Regulatory Capital Disclosure

For the period ended July 31, 2023

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This document is unaudited and should be read in conjunction with our quarterly report to shareholders and news release for Q3/23, and our 2022 Annual Report (including audited consolidated financial statements and accompanying management's discussion and analysis), which is available on SEDAR+ at www.sedarplus.ca. Additional financial information is also available through our quarterly investor presentations as well as the quarterly conference call webcast. CIBC prepares its consolidated financial statements in accordance with International Financial Reporting Standards (IFRS or GAAP). For Basel-related terms used in this package, refer to the Glossary.

The composition of the measures in this document and the disclosures, including the format of the templates herein, are calculated and disclosed pursuant to guidelines issued by the Office of the Superintendent of Financial Institutions (OSFI), including the Capital Adequacy Requirements (CAR) Guideline, Total Loss Absorbing Capacity (TLAC) Guideline, the Leverage Requirements Guideline and the Pillar 3 Disclosure Requirements Guideline.

All amounts in this document are in millions of Canadian dollars, unless otherwise stated.

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SUPPLEMENTARY REGULATORY CAPITAL DISCLOSURES

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The index below provides a listing of Pillar 3 disclosure requirements issued by the Basel Committee of Banking Supervision (BCBS), which are currently effective for CIBC, along with their locations. Beginning in Q2/23, certain updated tables and templates have been incorporated in accordance with the OSFI Pillar 3 Disclosure Guideline for D-SIBs on a prospective basis. Comparative disclosures for the updated tables and templates will be included over the future reporting periods. As indicated, the disclosures that are located in our 2022 Annual Report, Q3/23 quarterly report and supplementary packages, can be found on our website (www.cibc.com). No information on CIBC's website, including the supplementary packages, should be considered incorporated herein by reference.

The credit risk framework within the CAR Guideline issued by OSFI is inclusive of requirements relating to counterparty credit risk, and securitization activities, as well as other items such as settlement risk, equity investments in funds, and amounts below the threshold for capital deductions which are subject to a 250% risk-weight. Pages 69 to 75 of this document and disclosures in our 2022 Annual Report are prepared on a basis where these amounts are considered to be regulatory exposures or RWA relating to credit risk (i.e., credit risk related disclosures are generally inclusive of all or some of these amounts, depending upon the nature of the applicable disclosure), whereas the Pillar 3 report on pages 1 to 68 of this document provides a disaggregation of these amounts.

Topic	Identifier	Table and templates	Pillar 3 Report	2022 Annual Report	Supplementary Financial Information
			Page references		
Overview of risk management, key prudential metrics and RWA	KM2	Key metrics - TLAC requirements (at resolution group level)	3	35, 47-54, 58-60, 62, 67, 70, 74, 76, 82-86	
	OVA	Bank risk management approach			
	OV1	Overview of RWA	4		
Linkages between financial statements and regulatory exposures	LI1	Differences between accounting and regulatory scopes of consolidation and mapping of financial statement categories with regulatory risk categories	7	133	
	LI2	Main sources of differences between regulatory exposure amounts and carrying values in financial statements	8		
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Composition of capital and TLAC	CC1	Composition of regulatory capital	9		
	CC2	Reconciliation of regulatory capital to balance sheet	11		
	CCA	Main features of regulatory capital instruments and of other TLAC-eligible instruments ⁽¹⁾			
	TLAC1	TLAC composition (at resolution group level)	14		
	TLAC2	Material subgroup entity - creditor ranking at legal entity level	n/a ⁽²⁾		
	TLAC3	Resolution entity - creditor ranking at legal entity level	15		
Macroprudential supervisory measures	GSIB1	Disclosure of global systemically important bank (G-SIB) indicators		22 (of our Q1/23 quarterly report to shareholders)	
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Credit risk	CRA	General information about credit risk		59	23-34
	CR1	Credit quality of assets	18	60, 68, 81, 88, 124, 150 60, 69, 159-160	
	CR2	Changes in stock of defaulted loans and debt securities	20		
	CRB	Additional disclosure related to the credit quality of assets	18		
	CRC	Qualitative disclosure requirements related to CRM techniques		64	
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	CRD	Qualitative disclosures on banks' use of external credit ratings under the SA for credit risk		38, 54, 59-63	
	CR4	SA – credit risk exposure and CRM effects	22		
	CR5	SA – exposures by asset classes and risk weights	25		
	CRE	Qualitative disclosures related to IRB models		29 n/a ⁽⁴⁾ 6 n/a ⁽⁵⁾ 41	
	CR6	IRB – Credit risk exposures by portfolio and PD range ⁽³⁾			
CR7	IRB – Effect on RWA of credit derivatives used as CRM techniques				
CR8	RWA flow statements of credit risk exposures under IRB				
	CR9	IRB – Backtesting of PD per portfolio ⁽³⁾			
	CR10	IRB (specialized lending and equities under the simple risk-weight method)			

For footnotes, see next page.

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Topic	Identifier	Table and templates	Pillar 3 Report	2022 Annual Report	Supplementary Financial Information
			Page references		
Counterparty credit risk	CCRA	Qualitative disclosure related to counterparty credit risk		60, 64, 81, 158, 159-160	
	CCR1	Analysis of counterparty credit risk exposure by approach	43		
	CCR2	CVA capital charge	45		
	CCR3	SA – counterparty credit risk exposures by regulatory portfolio and risk-weights	46		
	CCR4	IRB – counterparty credit risk exposures by portfolio and PD scale ⁽³⁾	48		
	CCR5	Composition of collateral for counterparty credit risk exposure	55		
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	CCR7	RWA flow statements of counterparty credit risk exposures under the Internal Model Method (IMM)	6		
	CCR8	Exposures to central counterparties	58		
Securitization ⁽⁶⁾	SECA	Qualitative disclosure requirements related to securitization exposures		45-46, 69, 121, 125	
	SEC1	Securitization exposures in the banking book	59		
	SEC2	Securitization exposures in the trading book	61		
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Market risk	MRA	Qualitative disclosure requirements related to market risk			
	MRB	Qualitative disclosures for banks using the Internal Models Approach (IMA)			
	MR1	Market risk under the SA			
	MR2	RWA flow statements of market risk exposures under an IMA			
	MR3	IMA values for trading purposes			
	MR4	Comparison of value-at-risk (VaR) estimates with gains/losses			
Operational risk	ORA	ORA: General qualitative information on a bank's operational risk framework		82-84	
Interest Rate Risk in the Banking Book	IRRBB	Qualitative and quantitative disclosure on interest rate risk in the banking book (IRRBB)		74-75	

We have deferred these disclosures as allowed per OSFI's Pillar 3 guideline issued in April 2017.

(1) CCA is available at <https://www.cibc.com/en/about-cibc/investor-relations/regulatory-capital-instruments.html>.

(2) CIBC is not a G-SIB.

(3) There are several key differences between Basel and IFRS 9 which could lead to significantly different estimates for PD and loss given default (LGD). Basel parameters reflect long run historical experience including periods of downturn and adjustments for conservatism, whereas IFRS 9 parameters are point-in-time estimates based on forward-looking information. See the "Accounting and control matters" section in our 2022 Annual Report for additional details.

(4) As at July 31, 2023, the use of credit derivatives reduced RWA relating to corporate exposures under the AIRB approach by nil.

(5) Template CR9 is only required to be disclosed on an annual basis. Refer to CIBC's Pillar 3 Report and Supplementary Regulatory Capital Disclosure for the period ended October 31, 2022, which may be found on our website at <https://www.cibc.com/en/about-cibc/investor-relations/quarterly-results.html>.

(6) Excludes mortgages securitized through programs sponsored by the Canada Mortgage Housing Corporation, including the creation of mortgage-backed securities (MBS) under the National Housing Act MBS Program and the Canada Mortgage Bond Program. These exposures are risk-weighted under the credit risk framework.

n/a Not applicable.

KM2: KEY METRICS - TLAC REQUIREMENTS (AT RESOLUTION GROUP LEVEL) ⁽¹⁾

(\$ millions)

	Q3/23	Q2/23	Q1/23	Q4/22	Q3/22
	a	b	c	d	e
1 TLAC available ⁽²⁾	96,037	95,187	91,961	95,136	87,061
1a TLAC available with transitional arrangements for expected credit loss (ECL) provisioning not applied	96,037	95,187	91,961	95,136	87,061
2 Total RWA at the level of the resolution group	317,773	321,188	315,038	315,634	303,743
3 TLAC ratio: TLAC as a percentage of RWA (row 1 / row 2) (%) ⁽²⁾	30.2%	29.6%	29.2%	30.1%	28.7%
3a TLAC ratio: TLAC as a percentage of RWA (row 1a / row 2) (%) available with transitional arrangements for ECL provisioning not applied	30.2%	29.6%	29.2%	30.1%	28.7%
4 Leverage ratio exposure measure at the level of the resolution group ⁽³⁾	1,039,329	1,029,885	967,199	961,791	941,694
5 TLAC Leverage Ratio: TLAC as a percentage of leverage ratio exposure measure (row 1 / row 4) (%) ⁽²⁾⁽³⁾	9.2%	9.2%	9.5%	9.9%	9.2%
5a TLAC Leverage Ratio: TLAC as a percentage of leverage ratio exposure measure with transitional arrangements for ECL provisioning not applied (row 1a / row 4) (%)	9.2%	9.2%	9.5%	9.9%	9.2%
6a Does the subordination exemption in the antepenultimate paragraph of Section 11 of the Financial Stability Board (FSB) TLAC Term Sheet apply?	Yes	Yes	Yes	Yes	Yes
6b Does the subordination exemption in the penultimate paragraph of Section 11 of the FSB TLAC Term Sheet apply?	No	No	No	No	No
6c If the capped subordination exemption applies, the amount of funding issued that ranks pari passu with Excluded Liabilities and that is recognized as external TLAC, divided by funding issued that ranks pari passu with Excluded Liabilities and that would be recognized as external TLAC if no cap was applied (%)	n/a	n/a	n/a	n/a	n/a

- (1) Under the Canadian bail-in regime, including OSFI's TLAC Guideline, CIBC was required to meet target TLAC requirements beginning in Q1/22. As a domestic systemically important bank (D-SIB), CIBC is subject to a target risk-based TLAC Ratio (which comprises a minimum risk-based TLAC ratio of 21.5% plus the then-applicable Domestic Stability Buffer (DSB)) and a minimum TLAC Leverage Ratio of 7.25%.
- (2) Lines 1, 3 and 5 include the impact of the ECL transitional arrangement announced by OSFI on March 27, 2020, which results in a portion of ECL allowances that would otherwise be included in Tier 2 (T2) capital qualifying for inclusion in common equity tier 1 (CET1) capital subject to certain scalars and limitations. The transitional arrangement was no longer applicable beginning in Q1/23.
- (3) Beginning in Q2/23, reflects the impacts from the implementation of Basel III reforms and the discontinuation of the temporary exclusion of Central bank reserves from the leverage ratio exposure measure in response to the onset of the COVID-19 pandemic.
- n/a Not applicable.

OV1: OVERVIEW OF RWA ⁽¹⁾

	Q3/23		Q2/23
	a	b	c
	RWA	Minimum capital requirements	RWA
1 Credit risk (excluding counterparty credit risk)	239,454	19,156	242,618
2 Of which: SA ⁽²⁾	71,785	5,743	73,292
3 Of which: foundation internal rating-based (FIRB) approach	31,364	2,509	31,115
4 Of which: supervisory slotting approach	246	19	189
5 Of which: AIRB approach	136,059	10,885	138,022
6 Counterparty credit risk ⁽³⁾⁽⁴⁾	8,619	690	9,367
7 Of which: SA for counterparty credit risk (SA-CCR)	413	33	410
8 Of which: IMM	5,006	401	5,598
9 Of which: other CCR	3,200	256	3,359
10 CVA	5,911	473	6,186
11 Equity investments in funds - look-through approach ⁽⁵⁾	1,293	104	1,731
12 Equity investments in funds - mandate-based approach ⁽⁵⁾	102	8	122
13 Settlement risk	-	-	-
14 Securitization exposures in banking book	6,712	537	6,909
15 Of which: internal ratings-based approach (IRBA)	1,710	137	1,724
16 Of which: external ratings-based approach (ERBA), including internal assessment approach (IAA)	2,295	184	2,163
17 Of which: SA ⁽⁴⁾⁽⁶⁾	2,707	216	3,022
18 Market risk	7,839	627	7,392
19 Of which: SA	12	1	1
20 Of which: IMM	7,827	626	7,391
21 Capital charge for switch between trading book and banking book	-	-	-
22 Operational risk	42,390	3,391	41,539
23 Amounts below the thresholds for deduction (subject to 250% risk-weight)	5,453	436	5,324
24 Output floor applied	-	-	-
25 Floor adjustment (before application of transitional cap)	-	-	-
26 Floor adjustment (after application of transitional cap)	-	-	-
27 Total (1+6+10+11+12+13+14+18+21+22+23+24)	317,773	25,422	321,188

(1) For changes in RWA, refer to table "Changes in RWA". Effective Q2/23, RWAs have been calculated in accordance with the Basel III reforms.

(2) Includes RWA of \$1,100 million (Q2/23: \$1,225 million) relating to non-trading equity investments.

(3) Comprises derivative and repo-style transactions.

(4) Beginning in Q1/23, includes a change in methodology that resulted in certain exposures previously subject to AIRB, now being included under the standardized securitization approach.

(5) Equity investments in funds are only included in table OV1.

(6) Includes securitization exposures that are risk-weighted at 1250%.

(7) Amounts are inclusive of a 6% scaling factor adjustment that applies to IRB exposures, except for exposures related to asset securitization.

OV1: OVERVIEW OF RWA (continued) ⁽¹⁾

(\$ millions)	Q1/23 d	Q4/22 e	Q3/22 f
	RWA ⁽⁷⁾		
1 Credit risk (excluding counterparty credit risk)	245,481	247,535	234,670
2 Of which: SA ⁽²⁾	72,663	72,842	69,078
Of which: supervisory slotting approach	247	598	537
3 Of which: AIRB approach	172,571	174,095	165,055
4 Counterparty credit risk ⁽³⁾⁽⁴⁾	14,426	17,470	19,088
Of which: CVA capital charge	5,163	6,696	8,442
Of which: exposures to central counterparties	571	596	621
Of which: comprehensive approach for CRM (for securities financing transactions (SFTs))	3,769	3,827	3,280
5 Of which: SA for counterparty credit risk (SA-CCR)	372	488	382
6 Of which: IMM	4,551	5,863	6,363
7 Equity positions in banking book under market-based approach	-	-	-
8 Equity investments in funds - look-through approach ⁽⁵⁾	747	671	649
9 Equity investments in funds - mandate-based approach ⁽⁵⁾	51	56	49
10 Equity investments in funds - fall-back approach ⁽⁵⁾	-	-	-
11 Settlement risk	-	-	-
12 Securitization exposures in banking book	6,105	2,368	2,444
12a Of which: subject to the transitional arrangement	-	-	-
13 Of which: internal ratings-based approach (IRBA)	601	235	272
14 Of which: external ratings-based approach (ERBA), including internal assessment approach (IAA)	2,301	2,111	2,148
15 Of which: SA ⁽⁴⁾⁽⁶⁾	3,203	22	24
16 Market risk	8,956	9,230	9,075
17 Of which: SA	7	119	29
18 Of which: IMM	8,949	9,111	9,046
19 Operational risk	33,522	33,328	32,923
20 Of which: Basic Indicator Approach	-	-	-
21 Of which: SA	33,522	33,328	32,923
22 Of which: Advanced Measurement Approach	-	-	-
23 Amounts below the thresholds for deduction (subject to 250% risk-weight)	5,750	4,976	4,845
24 Floor adjustment	-	-	-
25 Total (1+4+7+8+9+10+11+12+16+19+23+24)	315,038	315,634	303,743

For footnotes, see page 4.

CHANGES IN RWA

(\$ millions)	Q3/23 vs. Q2/23			Q2/23 vs. Q1/23	Q1/23 vs. Q4/22	Q4/22 vs. Q3/22
		CR8				
		Of which determined under an IRB approach	Of which all other ⁽¹⁾			
Credit risk						
1 Balance at beginning of period	256,704	169,137	87,567	258,134	255,606	242,657
2 Asset size ⁽²⁾	637	784	(147)	2,120	4,456	3,236
3 Asset quality ⁽³⁾	(1,905)	(1,905)	-	1,589	453	2,121
4 Model updates ⁽⁴⁾	815	815	-	595	(496)	760
5 Methodology and policy ⁽⁵⁾	-	-	-	(7,196)	(503)	-
6 Acquisitions and disposals	-	-	-	-	-	-
7 Foreign exchange movements	(2,828)	(870)	(1,958)	2,159	(2,156)	6,701
8 Other	(409)	(538)	129	(697)	774	131
9 Balance at end of period	253,014	167,423	85,591	256,704	258,134	255,606
		CCR7				
		Of which determined under an IMM approach	Of which all other ⁽⁶⁾			
Counterparty credit risk						
1 Balance at beginning of period	15,553	5,598	9,955	14,426	17,470	19,088
2 Asset size ⁽²⁾	(447)	(321)	(126)	1,120	(2,707)	(2,644)
3 Credit quality of counterparties ⁽³⁾	(113)	(85)	(28)	81	(36)	20
4 Model updates ⁽⁴⁾	(30)	(30)	-	-	(93)	-
5 Methodology and policy ⁽⁵⁾	-	-	-	(340)	-	-
6 Acquisitions and disposals	-	-	-	-	-	-
7 Foreign exchange movements	(416)	(150)	(266)	266	(208)	1,006
8 Other	(17)	(6)	(11)	-	-	-
9 Balance at end of period	14,530	5,006	9,524	15,553	14,426	17,470
Market risk						
1 Balance at beginning of period	7,392			8,956	9,230	9,075
2 Movement in risk levels ⁽⁷⁾	355			(1,393)	331	139
3 Model updates ⁽⁴⁾	92			(171)	(605)	16
4 Methodology and policy ⁽⁵⁾	-			-	-	-
5 Acquisitions and disposals	-			-	-	-
6 Foreign exchange movements	-			-	-	-
7 Other	-			-	-	-
8 Balance at end of period	7,839			7,392	8,956	9,230
Operational risk						
1 Balance at beginning of period	41,539			33,522	33,328	32,923
2 Movement in risk levels ⁽⁸⁾	851			572	194	405
3 Methodology and policy ⁽⁵⁾⁽⁹⁾	-			7,445	-	-
4 Acquisitions and disposals	-			-	-	-
5 Balance at end of period	42,390			41,539	33,522	33,328

(1) Includes credit risk under the standardized and supervisory slotting approaches, equity investments in funds under the look-through and mandate based approaches, settlement risk, securitization exposures in the banking book, and amounts below the thresholds for deduction that are risk-weighted at 250%.

(2) Relates to net increase/decrease in the underlying exposures and related impacts, including tenor and CVA.

(3) Relates to changes in CRM and credit quality of the borrower/counterparty.

(4) Relates to internal model or parameter changes.

(5) Relates to regulatory changes implemented on an industry-wide basis and any capital methodology changes implemented within CIBC for our portfolios, including the Basel III reforms implemented in Q2/23.

(6) Includes counterparty credit risk under SA-CCR for over-the-counter (OTC) derivatives not eligible for IMM, as well as the comprehensive approach for CRM for SFTs, exposure to central counterparties, and the CVA capital charge.

(7) Relates to changes in open positions and market volatility.

(8) Relates to changes in revenue.

(9) Includes the impact of legal provisions recognized in Q1/23 and Q2/23, pursuant to the implementation of the Basel III reforms in Q2/23.

L1: DIFFERENCES BETWEEN ACCOUNTING AND REGULATORY SCOPES OF CONSOLIDATION AND MAPPING OF FINANCIAL STATEMENT CATEGORIES WITH REGULATORY RISK CATEGORIES

(\$ millions)

	Q3/23						
	a	b	c	d	e		g
	Carrying values as reported in published financial statements	Carrying values under scope of regulatory consolidation ⁽²⁾	Subject to credit risk framework	Subject to counterparty credit risk framework	Carrying values of items: ⁽¹⁾		Not subject to capital requirements or subject to deduction from capital
					Subject to the securitization framework ⁽³⁾	Subject to the market risk framework	
ASSETS							
Cash and non-interest-bearing deposits with banks	13,545	13,545	13,545	-	-	-	-
Interest-bearing deposits with banks	26,867	26,867	26,867	-	-	-	-
Securities	207,113	206,884 ⁽⁴⁾	141,266	3,988	1,421	64,197	-
Cash collateral on securities borrowed	13,497	13,497	-	13,497	-	-	-
Securities purchased under resale agreements	73,888	73,888	-	71,715	2,173	-	-
Loans	526,891	526,891 ⁽⁵⁾	505,086	1,374	16,407 ⁽⁶⁾	397	4,024
Other							
Derivative instruments	30,035	30,035 ⁽⁷⁾	-	30,035	-	27,998	-
Customers' liability under acceptances	11,325	11,325	11,325	-	-	-	-
Property and equipment	3,214	3,214	3,214	-	-	-	-
Goodwill	5,211	5,211	-	-	-	-	5,211
Software and other intangible assets	2,710	2,710	-	-	-	-	2,710
Investments in equity-accounted associates and joint ventures	675	1,003	970	-	-	-	33
Deferred tax assets	619	619	1,322	-	-	-	(703) ⁽⁸⁾
Other assets	27,411	27,322	15,778	7,327	73	2,970	1,174
Total assets	943,001	943,011	719,373	127,936	20,074	95,562	12,449
LIABILITIES							
Deposits							
Personal	235,601	235,601	-	-	-	-	235,601
Business and government	394,491	394,491	-	-	-	681	393,810
Bank	22,094	22,094	-	-	-	-	22,094
Secured borrowings	52,319	52,319	-	-	-	-	52,319
	704,505	704,505	-	-	-	681	703,824
Obligations related to securities sold short	17,749	17,749	-	-	-	16,101	1,648
Cash collateral on securities lent	5,092	5,092	-	5,092	-	-	-
Obligations related to securities sold under repurchase agreements	81,863	81,863	-	81,863	-	-	-
Other							
Derivative instruments	38,513	38,513 ⁽⁷⁾	-	38,513	-	37,205	-
Acceptances	11,339	11,339	-	-	-	-	11,339
Deferred tax liability	42	42	-	-	-	-	42
Other liabilities	26,052	26,062	-	-	-	2,896	23,166
	75,946	75,956	-	38,513	-	40,101	34,547
Subordinated indebtedness	6,455	6,455	-	-	-	-	6,455
Total liabilities	891,610	891,620	-	125,468	-	56,883	746,474

(1) Amounts are included in more than one column if they are subject to more than one risk framework.

(2) CIBC's insurance subsidiaries CIBC Cayman Reinsurance Limited (CIBC Cayman Re) and CIBC Life Insurance Company Limited (CIBC Life) are excluded from the scope of regulatory consolidation. Refer to table CC2 for further information.

(3) Excludes securitization exposures in the trading book, which are subject to market risk.

(4) Non-trading securities are subject to credit risk, except for certain asset-backed securities that are risk-weighted under the securitization framework. Securities pledged as initial margin or as contributions to default funds of central counterparties are subject to both credit risk and counterparty credit risk.

(5) Non-trading loans are subject to credit risk only, with the exception of securitization-related loans, which are risk-weighted under the securitization framework.

(6) Beginning in Q1/23, certain exposures previously subject to AIRB are now included under the standardized securitization approach pursuant to a change in methodology.

(7) Trading derivatives are subject to both counterparty credit risk and market risk.

(8) Includes deferred tax liabilities related to goodwill, software and other intangible assets and defined benefit pension assets that are offset against the amounts deducted from regulatory capital.

LI2: MAIN SOURCES OF DIFFERENCES BETWEEN REGULATORY EXPOSURE AMOUNTS AND CARRYING VALUES IN FINANCIAL STATEMENTS

(\$ millions)

	Q3/23				
	a	b	c	d	e
	Items subject to:				
	Total ⁽¹⁾	Credit risk framework ⁽²⁾	Securitization framework	Counterparty credit risk framework	Market risk framework
1 Asset carrying value amount under scope of regulatory consolidation (as per template LI1)	930,562	719,373	20,074	127,936	95,562
2 Liabilities carrying value amount under regulatory scope of consolidation (as per template LI1)	145,146	-	-	125,468	56,883
3 Total net amount under regulatory scope of consolidation	785,416	719,373	20,074	2,468	38,679
4 Off-balance sheet amounts ⁽³⁾⁽⁴⁾	380,355	190,598	16,001	173,756	-
5 Differences in valuations	2,996	2,996 ⁽⁵⁾	-	-	-
6 Differences due to different netting rules, other than those already included in row 3	29,253	-	-	29,253	-
7 Differences due to consideration of provisions ⁽⁶⁾	3,464	3,464	-	-	-
8 Differences due to prudential filters	-	-	-	-	-
9 Gross-up for SFTs ⁽⁷⁾	173,910	-	-	173,910	-
10 Differences due to inclusion of potential future exposure and alpha multiplier in derivative EAD	3,931	-	-	3,931	-
11 Collateral ⁽⁴⁾⁽⁸⁾	(338,011)	-	-	(338,011)	-
12 Other	-	-	-	-	-
13 Exposure amounts considered for regulatory purposes	1,041,314	916,431	36,075	45,307	38,679

(1) The total in column a will not equal the sum of columns b through e to the extent that items are subject to regulatory capital charges in more than one framework.

(2) Includes exposures of \$790 million (Q2/23: \$758 million) relating to equity investments in funds.

(3) Comprises off-balance sheet exposures for undrawn commitments, repo-style transactions, derivatives, third-party assets relating to our prime brokerage business and other off-balance sheet items.

(4) In Q2/23, as part of the implementation of the Basel III reforms, certain exposures in which we act as a guarantor were prospectively reclassified from other off-balance sheet to repo-style transactions with the inclusion of the collateral held now included in collateral held for repo-style transactions. These exposures were included under the securitization framework starting in Q2/23 and were previously included under the credit risk framework.

(5) Includes basis adjustments for fair value hedges that impact the accounting carrying values but do not impact exposure amounts considered for regulatory purposes.

(6) The accounting carrying value for loans is net of the full allowance for credit losses. For regulatory purposes only allowances on impaired (stage 3) loans that are risk-weighted under the SA are netted against the exposures.

(7) Liabilities for repo-style transactions represent regulatory exposures under the counterparty credit risk framework. As these liabilities are deducted from the carrying value of assets in line 2, a gross-up is required to arrive at the exposure amount considered for regulatory purposes.

(8) Primarily comprises collateral for repo-style transactions, including those settled through qualified central counterparties (QCCPs).

CC1: COMPOSITION OF REGULATORY CAPITAL

(\$ millions)

		Q3/23	Q2/23	Q1/23	Q4/22	Q3/22	
Row		Cross-reference ⁽¹⁾					
Common Equity Tier 1 (CET1) capital: instruments and reserves							
1	Directly issued qualifying common share capital plus related stock surplus	15,845	A+B	15,507	15,161	14,841	14,750
2	Retained earnings	29,796	C	29,240	28,403	28,823	28,439
3	Accumulated other comprehensive income (AOCI) (and other reserves)	609	D	1,619	1,216	1,594	1,115
4	Directly issued capital subject to phase out from CET1 (only applicable to non-joint stock companies)	n/a		n/a	n/a	n/a	n/a
5	Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)	104	E	97	104	107	115
6	CET1 capital before regulatory adjustments	46,354		46,463	44,884	45,365	44,419
CET1 capital: regulatory adjustments							
7	Prudential valuation adjustments	6	See footnote 2	4	4	23	24
8	Goodwill (net of related tax liabilities)	5,130	F+G+H	5,244	5,168	5,268	5,011
9	Other intangibles other than mortgage-servicing rights (net of related tax liabilities)	2,404	I+J+AI	2,367	2,310	2,289	2,193
10	Deferred tax assets excluding those arising from temporary differences (net of related tax liabilities)	12	K	15	13	15	12
11	Cash flow hedge reserve	(982)	L	(461)	(459)	(662)	(223)
12	Shortfall of provisions to expected losses ⁽³⁾	-	See footnote 2	20	-	-	-
13	Securitization gain on sale	-		-	-	-	-
14	Gains and losses due to changes in own credit risk on fair valued liabilities	171	M+AH	199	227	512	407
15	Defined benefit pension fund net assets (net of related tax liabilities)	879	N+O	895	970	1,071	1,372
16	Investments in own shares (if not already netted off paid-in capital on reported balance sheet)	3	See footnote 2	4	2	14	4
17	Reciprocal cross holdings in common equity	-		-	-	-	-
18	Non-significant investments in the capital of banking, financial and insurance entities, net of eligible short positions (amount above 10% threshold)	-		-	-	-	-
19	Significant investments in the common stock of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions (amount above 10% threshold)	-	P+Q	-	-	-	-
20	Mortgage servicing rights (amount above 10% threshold)	-		-	-	-	-
21	Deferred tax assets arising from temporary differences (amount above 10% threshold, net of related tax liability)	-		-	-	-	-
22	Amount exceeding the 15% threshold	-		-	-	-	-
23	of which: significant investments in the common stock of financials	-	R+S	-	-	-	-
24	of which: mortgage servicing rights	-		-	-	-	-
25	of which: deferred tax assets arising from temporary differences	-	T	-	-	-	-
26	Other deductions or regulatory adjustments to CET1 as determined by OSFI ⁽⁴⁾	-		-	-	(170)	(99)
27	Regulatory adjustments applied to CET1 due to insufficient Additional Tier 1 (AT1) and Tier 2 (T2) to cover deductions	-		-	-	-	-
28	Total regulatory adjustments to CET1	7,623		8,287	8,235	8,360	8,701
29	CET1 capital	38,731		38,176	36,649	37,005	35,718
29a	CET1 capital with transitional arrangements for ECL provisioning not applied	38,731		38,176	36,649	36,835	35,619
AT1 capital: instruments							
30	Directly issued qualifying AT1 instruments plus related stock surplus ⁽⁵⁾	4,925		4,925	4,925	4,923	4,303
31	of which: classified as equity under applicable accounting standards	4,925	U	4,925	4,925	4,923	4,303
32	of which: classified as liabilities under applicable accounting standards	-		-	-	-	-
33	Directly issued capital instruments subject to phase out from AT1	-		-	-	-	-
34	AT1 instruments (and CET1 instruments not included in row 5) issued by subsidiaries and held by third parties (amount allowed in group AT1)	17	V	16	18	18	17
35	of which: instruments issued by subsidiaries subject to phase out	-		-	-	-	-
36	AT1 capital before regulatory adjustments	4,942		4,941	4,943	4,941	4,320
AT1 capital: regulatory adjustments							
37	Investments in own AT1 instruments	-		-	-	-	-
38	Reciprocal cross holdings in AT1 instruments	-		-	-	-	-
39	Non-significant investments in the capital of banking, financial and insurance entities, net of eligible short positions (amount above 10% threshold)	-		-	-	-	-
40	Significant investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions	-		-	-	-	-
41	Other deductions from Tier 1 (T1) capital as determined by OSFI	-		-	-	-	-
42	Regulatory adjustments applied to AT1 due to insufficient T2 to cover deductions	-		-	-	-	-
43	Total regulatory adjustments to AT1 capital	-		-	-	-	-
44	AT1 capital	4,942		4,941	4,943	4,941	4,320
45	T1 capital (T1 = CET1 + AT1)	43,673		43,117	41,592	41,946	40,038
45a	T1 capital with transitional arrangements for ECL provisioning not applied	43,673		43,117	41,592	41,776	39,939
T2 capital: instruments and provisions							
46	Directly issued qualifying T2 instruments plus related stock surplus ⁽⁶⁾	5,849	W	5,982	6,741	5,716	5,793
47	Directly issued capital instruments subject to phase out from T2	-		-	-	-	-
48	T2 instruments (and CET1 and AT1 instruments not included in rows 5 or 34) issued by subsidiaries and held by third parties (amount allowed in group Tier 2)	23	X	21	24	25	23
49	of which: instruments issued by subsidiaries subject to phase out	-		-	-	-	-
	Other	-		-	-	-	22
50	General allowances	866	Y+Z	689	688	576	525
51	T2 capital before regulatory adjustments	6,738		6,692	7,453	6,317	6,363

For footnotes, see next page.

CC1: COMPOSITION OF REGULATORY CAPITAL (continued)

(\$ millions)

		Q3/23	Q2/23	Q1/23	Q4/22	Q3/22
Row		Cross-reference ⁽¹⁾				
52	Investments in own T2 instruments	-	-	-	-	-
53	Reciprocal cross holdings in T2 instruments and other TLAC-eligible instruments	-	-	-	-	-
54	Non-significant investments in the capital of banking, financial and insurance entities and other TLAC-eligible instruments issued by G-SIBs and Canadian D-SIBs that are outside the scope of regulatory consolidation, where the institution does not own more than 10% of the issued common share capital of the entity (amount above 10% threshold)	-	-	-	-	-
54a	Non-significant investments in the other TLAC-eligible instruments issued by G-SIBs and Canadian D-SIBs, where the institution does not own more than 10% of the issued common share capital of the entity: amount previously designated for the 5% threshold but that no longer meets the conditions	-	-	-	-	-
55	Significant investments in the capital of banking, financial and insurance entities and Other TLAC-eligible instruments issued by G-SIBs and Canadian D-SIBs that are outside the scope of regulatory consolidation	-	-	-	-	-
56	Other deductions from T2 capital	-	-	-	-	-
57	Total regulatory adjustments to T2 capital	-	-	-	-	-
58	T2 capital	6,738	6,692	7,453	6,317	6,363
59	Total capital (TC = T1 + T2)	50,411	49,809	49,045	48,263	46,401
59a	Total capital with transitional arrangements for ECL provisioning not applied	50,411	49,809	49,045	48,263	46,401
60	Total RWA	317,773	321,188	315,038	315,634	303,743
	Capital ratios					
61	CET1 (as a percentage of RWA)	12.2%	11.9%	11.6%	11.7%	11.8%
61a	CET1 (as a percentage of RWA) with transitional arrangements for ECL provisioning not applied	0.0%	0.0%	11.6%	11.7%	11.7%
62	T1 (as a percentage of RWA)	13.7%	13.4%	13.2%	13.3%	13.2%
62a	T1 (as a percentage of RWA) with transitional arrangements for ECL provisioning not applied	0.0%	0.0%	13.2%	13.2%	13.2%
63	Total capital (as a percentage of RWA)	15.9%	15.5%	15.6%	15.3%	15.3%
63a	Total capital (as a percentage of RWA) with transitional arrangements for ECL provisioning not applied	0.0%	0.0%	15.6%	15.3%	15.3%
64	Buffer (minimum CET1 requirement plus capital conservation buffer plus G-SIB buffer plus D-SIB buffer expressed as a percentage of RWA)	8.0%	8.0%	8.0%	8.0%	8.0%
65	of which: capital conservation buffer	2.5%	2.5%	2.5%	2.5%	2.5%
66	of which: bank specific countercyclical buffer	0.0%	0.0%	0.0%	0.0%	0.0%
67	of which: G-SIB buffer	0.0%	0.0%	0.0%	0.0%	0.0%
67a	of which: D-SIB buffer	1.0%	1.0%	1.0%	1.0%	1.0%
68	CET1 available to meet buffers (as percentage of RWA)	12.2%	11.9%	11.6%	11.7%	11.8%
	OSFI target (minimum + capital conservation buffer + D-SIB buffer (if applicable)) ⁽⁷⁾					
69	CET1 target ratio	11.0%	11.0%	8.0%	8.0%	8.0%
70	T1 capital target ratio	12.5%	12.5%	9.5%	9.5%	9.5%
71	Total capital target ratio	14.5%	14.5%	11.5%	11.5%	11.5%
	Amounts below the thresholds for deduction (before risk-weighting)					
72	Non-significant investments in the capital and other TLAC-eligible instruments of other financial entities	788	AE+AF+AG see footnote 8	967	841	519
73	Significant investments in the common stock of financials	830	AB+AC+AD	822	770	759
74	Mortgage servicing rights (net of related tax liability)	-	-	-	-	-
75	Deferred tax assets arising from temporary differences (net of related tax liabilities)	1,322	AA	1,278	1,530	1,231
	Applicable caps on the inclusion of allowances in T2					
76	Allowances eligible for inclusion in T2 in respect of exposures subject to SA (prior to application of cap)	674	Y	689	658	576
77	Cap on inclusion of allowances in T2 under SA	1,106	-	1,138	918	877
78	Allowances eligible for inclusion in T2 in respect of exposures subject to IRBA (prior to application of cap)	192	Z	-	30	-
79	Cap on inclusion of allowances in T2 under IRBA	1,074	-	1,087	1,195	1,218

(1) Cross-referenced to the consolidated balance sheet, refer to table CC2.

(2) Not recorded on the consolidated balance sheet.

(3) Provisions in the shortfall calculation represent stage 1, 2, and 3 allowances for credit losses.

(4) Includes the impact of the ECL transitional arrangement announced by OSFI on March 27, 2020, which results in a portion of ECL allowances that would otherwise be included in Tier 2 capital qualifying for inclusion in CET1 capital subject to certain scalars and limitations. The transitional arrangement was no longer applicable beginning in Q1/23.

(5) Comprises non-viability contingent capital (NVCC) preferred shares and limited recourse capital notes (LRCN).

(6) Comprises certain debentures which qualify as NVCC.

(7) Excludes the 3.0% (Q2/23: 3.0%; Q1/23, Q4/22, and Q3/22: 2.5%) DSB that OSFI requires D-SIBs to hold as this buffer requirement is intended to address Pillar 2 risks that are not adequately captured in the Pillar 1 capital requirements. The table above includes only the Pillar 1 capital requirements.

(8) Synthetic positions not recorded on the consolidated balance sheet.

n/a Not applicable.

CC2: RECONCILIATION OF REGULATORY CAPITAL TO BALANCE SHEET

(\$ millions)

	Q3/23		
	Balance sheet as in report to shareholders	Balance sheet as in the regulatory scope of consolidation ⁽¹⁾	Of which Cross reference to capital schedule ⁽²⁾
Assets			
Cash and non-interest-bearing deposits with banks	13,545	13,545	
Interest-bearing deposits with banks	26,867	26,867	
Securities	207,113	206,884	
Significant investments in capital of other financial institutions not exceeding regulatory thresholds			-
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds			86
Significant investments in capital of non-financial institutions			-
Other securities			206,798
Cash collateral on securities borrowed	13,497	13,497	
Securities purchased under resale agreements	73,888	73,888	
Loans	530,606	530,606	
Allowance for credit losses	(3,715)	(3,715)	
General allowance reflected in T2 capital			(674)
Excess in allowance over expected losses reflected in T2 capital			(192)
Allowances reflected in CET1 capital per ECL transitional arrangement			-
Allowances not reflected in regulatory capital			(2,849)
Derivative instruments	30,035	30,035	
Customers' liability under acceptances	11,325	11,325	
Property and equipment	3,214	3,214	
Goodwill	5,211	5,211	F
Software and other intangible assets	2,710	2,710	I
Investments in equity-accounted associates and joint ventures	675	1,003	
Significant investments in capital of other financial institutions exceeding regulatory thresholds (10% of CET1)			-
Significant investments in capital of other financial institutions exceeding regulatory thresholds (15% basket of CET1)			-
Significant investments in capital of other financial institutions not exceeding regulatory thresholds			502
Significant investments in capital of other financial institutions related to goodwill			10
Significant investments in capital of other financial institutions related to intangibles			23
Significant investments in capital of non-financial institutions			29
Investment in deconsolidated subsidiaries exceeding regulatory thresholds (10% of CET1)			-
Investment in deconsolidated subsidiaries exceeding regulatory thresholds (15% basket of CET1)			-
Investment in deconsolidated subsidiaries not exceeding regulatory thresholds			328
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds			37
Non-significant investments in capital of non-financial institutions			74
Deferred tax assets	619	619	
Deferred tax assets excluding those arising from temporary differences			12
Deferred tax assets arising from temporary differences exceeding regulatory thresholds (15% basket of CET1)			-
Deferred tax assets arising from temporary differences not exceeding regulatory thresholds			1,322
Deferred tax liabilities related to goodwill			(91)
Deferred tax liabilities related to software and other intangible assets			(329)
Deferred tax liabilities related to defined benefit pension fund net assets			(295)
Other assets			
Defined benefit pension fund net assets	1,174	1,174	N
Other	26,237	26,148	
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds			5
Other			26,143
Total assets	943,001	943,011	

For footnotes, see next page.

CC2: RECONCILIATION OF REGULATORY CAPITAL TO BALANCE SHEET (continued)

(\$ millions)	Q3/23			Cross reference to capital schedule ⁽²⁾
Liabilities	Balance sheet as in report to shareholders	Balance sheet as in the regulatory scope of consolidation ⁽¹⁾	Of which	
Deposits	704,505	704,505		
Obligations related to securities sold short	17,749	17,749		
Cash collateral on securities lent	5,092	5,092		
Obligations related to securities sold under repurchase agreements	81,863	81,863		
Derivative instruments	38,513	38,513		
Acceptances	11,339	11,339		
Deferred tax liabilities	42	42		
Other liabilities	26,052	26,062		
Subordinated indebtedness	6,455	6,455		
Subordinated indebtedness allowed for inclusion in T2 capital			5,849	W
Subordinated indebtedness not allowed for T2 capital			606	
Total liabilities	891,610	891,620		
Equity				
Preferred shares and other equity instruments	4,925	4,925		
Preferred shares and other equity instruments allowed for inclusion into additional T1 capital			4,925	U
Common shares	15,742	15,742		A
Common shares – treasury positions			-	
Common shares			15,742	
Contributed surplus	103	103		B
Retained earnings	29,796	29,796		C
Gains and losses due to changes in own credit risk on fair valued liabilities			123	M
Other retained earnings			29,673	
AOCI	609	609		D
Cash flow hedges			(982)	L
Net fair value gains (losses) arising from changes in institution's own credit risk			48	AH
Other			1,543	
Non-controlling interests	216	216		
Portion allowed for inclusion into CET1			104	E
Portion allowed for inclusion into additional T1 capital			17	V
Portion allowed for inclusion into T2 capital			23	X
Portion not allowed for regulatory capital			72	
Total equity	51,391	51,391		
Total liabilities and equity	943,001	943,011		

(1) CIBC Cayman Re and CIBC Life are excluded from the regulatory scope of consolidation. CIBC Cayman Re provides life and health reinsurance to Canadian insurance and international reinsurance companies. CIBC Life is primarily involved in direct underwriting of life insurance products and has assumed a closed creditor product block of business from a Canadian underwriter; current policies in-force include accidental death, hospital accident, hospital cash benefit plans, critical accident plan, accident recovery plan, term life, and creditor life and disability insurance products. As at Q3/23, on a legal entity basis, CIBC Cayman Re had \$240 million in assets and \$168 million in equity, and CIBC Life had \$125 million in assets and \$160 million in equity.

(2) Refer to table CC1.

CHANGES IN REGULATORY CAPITAL

(\$ millions)

Row	Q3/23	Q2/23	Q1/23	Q4/22	Q3/22	
CET1 capital						
1	Opening amount	38,176	36,649	37,005	35,718	35,117
2	Shares issued in lieu of cash dividends (add back)	294	296	272	40	40
3	Other issue of common shares	63	45	50	41	55
4	Redeemed capital	-	-	-	-	-
5	Purchase of common shares for cancellation	-	-	-	-	-
6	Premium on purchase of common shares for cancellation	-	-	-	-	-
7	Dividends and distributions	(865)	(842)	(843)	(789)	(796)
8	Net income attributable to equity shareholders	1,420	1,677	423	1,178	1,660
Change in AOCI balances						
9	Currency translation differences	(529)	353	(467)	1,181	(55)
10	Securities measured at fair value through other comprehensive income (FVOCI)	67	114	128	(106)	(202)
11	Cash flow hedges ⁽¹⁾	(521)	(2)	203	(438)	127
12	Fair value change of fair value option liabilities attributable to changes in credit risk	(45)	7	(148)	40	75
13	Post-employment defined benefit plans	18	(69)	(94)	(198)	(32)
14	Removal of own credit spread (net of tax)	28	28	285	(105)	(109)
15	Goodwill and other intangible assets (deduction, net of related tax liabilities)	77	(133)	79	(353)	(96)
16	Shortfall of allowance to expected losses	20	(20)	-	-	-
Other, including regulatory adjustments and transitional arrangements						
17	Deferred tax assets that rely on future profitability (excluding those arising from temporary differences)	3	(2)	2	(3)	-
18	Defined benefit pension fund net assets	16	75	101	301	65
19	Significant investments in financial institutions (amount above 10% threshold)	-	-	-	-	-
20	Amount exceeding 15% threshold	-	-	-	-	-
21	Prudential valuation adjustments	(2)	-	19	1	-
22	Other ⁽¹⁾⁽²⁾	511	-	(366)	497	(131)
23	Closing amount	38,731	38,176	36,649	37,005	35,718
AT1 capital						
24	Opening amount	4,941	4,943	4,941	4,320	4,343
25	AT1 eligible capital issues	-	-	-	600	800
26	Redeemed capital	-	-	-	-	(800)
27	Impact of the cap on inclusion for instruments subject to phase out	-	-	-	-	-
28	Other, including regulatory adjustments	1	(2)	2	21	(23)
29	Closing amount	4,942	4,941	4,943	4,941	4,320
30	Total T1 capital	43,673	43,117	41,592	41,946	40,038
T2 capital						
31	Opening amount	6,692	7,453	6,317	6,363	6,265
32	New T2 eligible capital issues	-	750	1,000	-	-
33	Redeemed capital	-	(1,500)	-	-	-
34	Amortization adjustments	-	-	-	-	-
35	Impact of the cap on inclusion for instruments subject to phase out	-	-	-	-	-
36	Other, including regulatory adjustments and transitional arrangements ⁽²⁾	46	(11)	136	(46)	98
37	Closing amount	6,738	6,692	7,453	6,317	6,363
38	Total capital	50,411	49,809	49,045	48,263	46,401

(1) Net change in cash flow hedges is included in Line 11 then derecognized in Line 22.

(2) Includes the impact of the ECL transitional arrangement announced by OSFI on March 27, 2020, which results in a portion of ECL allowances that would otherwise be included in Tier 2 capital qualifying for inclusion in CET1 capital subject to certain scalars and limitations. The transitional arrangement was no longer applicable beginning in Q1/23.

TLAC1: TLAC COMPOSITION (AT RESOLUTION GROUP LEVEL)

(\$ millions)	Q3/23	Q2/23	Q1/23	Q4/22	Q3/22
Regulatory capital elements of TLAC and adjustments					
1 CET1 capital	38,731	38,176	36,649	37,005	35,718
2 AT1 capital before TLAC adjustments	4,942	4,941	4,943	4,941	4,320
3 AT1 ineligible as TLAC as issued out of subsidiaries to third parties	-	-	-	-	-
4 Other adjustments	-	-	-	-	-
5 AT1 instruments eligible under the TLAC framework	4,942	4,941	4,943	4,941	4,320
6 T2 capital before TLAC adjustments	6,738	6,692	7,453	6,317	6,363
7 Amortized portion of T2 instruments where remaining maturity > 1 year	-	-	-	-	-
8 T2 capital ineligible as TLAC as issued out of subsidiaries to third parties	-	-	-	-	-
9 Other adjustments	-	-	-	-	-
10 T2 instruments eligible under the TLAC framework	6,738	6,692	7,453	6,317	6,363
11 TLAC arising from regulatory capital	50,411	49,809	49,045	48,263	46,401
Non-regulatory capital elements of TLAC					
12 External TLAC instruments issued directly by the bank and subordinated to excluded liabilities	-	-	-	-	-
13 External TLAC instruments issued directly by the bank which are not subordinated to excluded liabilities but meet all other TLAC term sheet requirements	45,737	45,510	42,946	46,943	40,706
14 Of which: amount eligible as TLAC after application of the caps	-	-	-	-	-
15 External TLAC instruments issued by funding vehicles prior to January 1, 2022	-	-	-	-	-
16 Eligible ex ante commitments to recapitalize a G-SIB in resolution	-	-	-	-	-
17 TLAC arising from non-regulatory capital instruments before adjustments	45,737	45,510	42,946	46,943	40,706
Non-regulatory capital elements of TLAC: adjustments					
18 TLAC before deductions	96,148	95,319	91,991	95,206	87,107
19 Deductions of exposures between multiple point of entry resolution groups that correspond to items eligible for TLAC (not applicable to special purpose entities (SPEs) G-SIBs and D-SIBs)	n/a	n/a	n/a	n/a	n/a
20 Deduction of investments in own other TLAC liabilities	(111)	(132)	(30)	(70)	(46)
21 Other adjustments to TLAC	-	-	-	-	-
22 TLAC available after deductions	96,037	95,187	91,961	95,136	87,061
RWA and leverage exposure measure for TLAC purposes					
23 Total RWA adjusted as permitted under the TLAC regime	317,773	321,188	315,038	315,634	303,743
24 Leverage exposure measure ⁽¹⁾	1,039,329	1,029,885	967,199	961,791	941,694
TLAC ratios and buffers ⁽²⁾					
25 TLAC Ratio (as a percentage of RWA adjusted as permitted under the TLAC regime) (%)	30.2%	29.6%	29.2%	30.1%	28.7%
26 TLAC Leverage Ratio (as a percentage of leverage exposure) (%) ⁽¹⁾	9.2%	9.2%	9.5%	9.9%	9.2%
27 CET1 (as a percentage of RWA) available after meeting the resolution group's minimum capital and TLAC requirements	7.9%	7.5%	7.6%	7.3%	7.3%
28 Institution-specific buffer (capital conservation buffer plus countercyclical buffer plus higher loss absorbency, expressed as a percentage of RWA)	3.5%	3.5%	3.5%	3.5%	3.5%
29 Of which: capital conservation buffer	2.5%	2.5%	2.5%	2.5%	2.5%
30 Of which: bank specific countercyclical buffer	0.0%	0.0%	0.0%	0.0%	0.0%
31 Of which: D-SIB/G-SIB buffer	1.0%	1.0%	1.0%	1.0%	1.0%

(1) Beginning in Q2/23, reflects the impacts from the implementation of Basel III reforms and the discontinuation of the temporary exclusion of Central bank reserves from the leverage ratio exposure measure in response to the onset of the COVID-19 pandemic.

(2) Under the Canadian bail-in regime, including OSFI's TLAC Guideline, CIBC was required to meet target TLAC requirements beginning in Q1/22. As a D-SIB, CIBC is subject to a target risk-based TLAC Ratio (which comprises a minimum risk-based TLAC ratio of 21.5% plus the then-applicable DSB) and a minimum TLAC Leverage Ratio of 7.25%.

n/a Not applicable.

TLAC3: RESOLUTION ENTITY - CREDITOR RANKING AT LEGAL ENTITY LEVEL ⁽¹⁾⁽²⁾

(\$ millions)

	Q3/23					
	Creditor ranking					
	(most junior)					(most senior)
1 Description of creditor ranking	Common shares	Preferred shares and other equity instruments	Subordinated debt	Bail-in debt ⁽³⁾	Other liabilities ⁽⁴⁾	Total
2 Total capital and liabilities net of CRM	15,742	4,925	6,763	54,525	-	81,955
3 Subset of row 2 that are excluded liabilities	-	-	31	128	-	159
4 Total capital and liabilities less excluded liabilities (row 2 minus row 3)	15,742	4,925	6,732	54,397	-	81,796
5 Subset of row 4 that are potentially eligible as TLAC	15,742	4,925	6,219 ⁽⁵⁾	43,922	-	70,808
6 Subset of row 5 with 1 year ≤ residual maturity < 2 years	-	-	-	17,901	-	17,901
7 Subset of row 5 with 2 years ≤ residual maturity < 5 years	-	-	-	20,601	-	20,601
8 Subset of row 5 with 5 years ≤ residual maturity < 10 years	-	-	6,219	3,295	-	9,514
9 Subset of row 5 with residual maturity ≥ 10 years, but excluding perpetual securities	-	-	-	2,125	-	2,125
10 Subset of row 5 that is perpetual securities	15,742	4,925	-	-	-	20,667

(\$ millions)

	Q2/23					
	Creditor ranking					
	(most junior)					(most senior)
1 Description of creditor ranking	Common shares	Preferred shares and other equity instruments	Subordinated debt ⁽⁶⁾	Bail-in debt ⁽³⁾	Other liabilities ⁽⁴⁾	Total
2 Total capital and liabilities net of CRM	15,389	4,925	6,765	59,731	-	86,810
3 Subset of row 2 that are excluded liabilities	-	-	36	149	-	185
4 Total capital and liabilities less excluded liabilities (row 2 minus row 3)	15,389	4,925	6,729	59,582	-	86,625
5 Subset of row 4 that are potentially eligible as TLAC	15,389	4,925	6,214 ⁽⁵⁾	43,938	-	70,466
6 Subset of row 5 with 1 year ≤ residual maturity < 2 years	-	-	-	8,459	-	8,459
7 Subset of row 5 with 2 years ≤ residual maturity < 5 years	-	-	-	28,611	-	28,611
8 Subset of row 5 with 5 years ≤ residual maturity < 10 years	-	-	6,214	4,642	-	10,856
9 Subset of row 5 with residual maturity ≥ 10 years, but excluding perpetual securities	-	-	-	2,226	-	2,226
10 Subset of row 5 that is perpetual securities	15,389	4,925	-	-	-	20,314

(\$ millions)

	Q1/23					
	Creditor ranking					
	(most junior)					(most senior)
1 Description of creditor ranking	Common shares	Preferred shares and other equity instruments	Subordinated debt ⁽⁶⁾	Bail-in debt ⁽³⁾	Other liabilities ⁽⁴⁾	Total
2 Total capital and liabilities net of CRM	15,046	4,925	7,514	56,911	-	84,396
3 Subset of row 2 that are excluded liabilities	-	-	30	52	-	82
4 Total capital and liabilities less excluded liabilities (row 2 minus row 3)	15,046	4,925	7,484	56,859	-	84,314
5 Subset of row 4 that are potentially eligible as TLAC	15,046	4,925	6,970 ⁽⁵⁾	41,433	-	68,374
6 Subset of row 5 with 1 year ≤ residual maturity < 2 years	-	-	-	10,917	-	10,917
7 Subset of row 5 with 2 years ≤ residual maturity < 5 years	-	-	-	25,618	-	25,618
8 Subset of row 5 with 5 years ≤ residual maturity < 10 years	-	-	6,970	2,742	-	9,712
9 Subset of row 5 with residual maturity ≥ 10 years, but excluding perpetual securities	-	-	-	2,156	-	2,156
10 Subset of row 5 that is perpetual securities	15,046	4,925	-	-	-	19,971

(1) Presented for CIBC at the legal entity level and therefore instruments issued by subsidiaries and SPEs are excluded.

(2) Common shares are presented at book value, preferred shares are presented at stated value and subordinated debt and bail-in debt are presented at face value.

(3) Bail-in debt instruments are those liabilities which are subject to the bank recapitalization (bail-in) conversion regulations issued by the Department of Finance (Canada). Senior debt issued on or after September 23, 2018, with an original term to maturity of more than 400 days (including explicit or embedded options) that is unsecured or partially secured is subject to bail-in. Consumer deposits, certain derivatives, covered bonds, and certain structured notes would not be eligible for bail-in. While bail-in debt instruments and other senior unsecured liabilities issued by Canadian D-SIBs rank equally in the event of liquidation, only bail-in debt is subject to conversion under the bail-in regime. Bail-in debt issued by Canadian D-SIBs qualifies as TLAC pursuant to the exemption from the subordination requirement under the antepenultimate paragraph of Section 11 of the FSB TLAC Term Sheet.

(4) Disclosure not currently required by OSFI.

(5) Includes NVCC subordinated debt only.

(6) Certain prior period information has been restated to conform to the current quarter presentation.

TLAC3: RESOLUTION ENTITY - CREDITOR RANKING AT LEGAL ENTITY LEVEL (continued) ⁽¹⁾⁽²⁾

(\$ millions)

	Q4/22					
	Creditor ranking					
	(most junior)				(most senior)	
1 Description of creditor ranking	Common shares	Preferred shares and other equity instruments	Subordinated debt	Bail-in debt ⁽³⁾	Other liabilities ⁽⁴⁾	Total
2 Total capital and liabilities net of CRM	14,726	4,923	6,515	55,193	-	81,357
3 Subset of row 2 that are excluded liabilities	-	-	5	82	-	87
4 Total capital and liabilities less excluded liabilities (row 2 minus row 3)	14,726	4,923	6,510	55,111	-	81,270
5 Subset of row 4 that are potentially eligible as TLAC	14,726	4,923	5,995 ⁽⁵⁾	44,888	-	70,532
6 Subset of row 5 with 1 year ≤ residual maturity < 2 years	-	-	-	14,816	-	14,816
7 Subset of row 5 with 2 years ≤ residual maturity < 5 years	-	-	-	26,664	-	26,664
8 Subset of row 5 with 5 years ≤ residual maturity < 10 years	-	-	5,995	1,317	-	7,312
9 Subset of row 5 with residual maturity ≥ 10 years, but excluding perpetual securities	-	-	-	2,091	-	2,091
10 Subset of row 5 that is perpetual securities	14,726	4,923	-	-	-	19,649

(\$ millions)

	Q3/22					
	Creditor ranking					
	(most junior)				(most senior)	
1 Description of creditor ranking	Common shares	Preferred shares and other equity instruments	Subordinated debt	Bail-in debt ⁽³⁾	Other liabilities ⁽⁴⁾	Total
2 Total capital and liabilities net of CRM	14,643	4,325	6,513	49,723	-	75,204
3 Subset of row 2 that are excluded liabilities	-	-	26	63	-	89
4 Total capital and liabilities less excluded liabilities (row 2 minus row 3)	14,643	4,325	6,487	49,660	-	75,115
5 Subset of row 4 that are potentially eligible as TLAC	14,643	4,325	5,974 ⁽⁵⁾	39,796	-	64,738
6 Subset of row 5 with 1 year ≤ residual maturity < 2 years	-	-	-	10,257	-	10,257
7 Subset of row 5 with 2 years ≤ residual maturity < 5 years	-	-	-	26,246	-	26,246
8 Subset of row 5 with 5 years ≤ residual maturity < 10 years	-	-	5,974	1,316	-	7,290
9 Subset of row 5 with residual maturity ≥ 10 years, but excluding perpetual securities	-	-	-	1,977	-	1,977
10 Subset of row 5 that is perpetual securities	14,643	4,325	-	-	-	18,968

For footnotes, see page 15.

LR1: SUMMARY COMPARISON OF ACCOUNTING ASSETS VS. LEVERAGE RATIO EXPOSURE MEASURE

(\$ millions)

	Q3/23	Q2/23	Q1/23	Q4/22	Q3/22
Row					
1 Total consolidated assets as per published financial statements	943,001	935,239	921,991	943,597	896,790
2 Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	10	13	(6)	44	60
3 Adjustment for securitized exposures that meet the operational requirements for the recognition of risk transference	(3,858)	(3,041)	(3,041)	(2,924)	(2,924)
4 Adjustment for fiduciary assets recognized on the balance sheet pursuant to the operative accounting framework but excluded from the leverage ratio exposure measure	-	-	-	-	-
5 Adjustment for derivative financial instruments	1,789	2,670	615	(8,429)	15
6 Adjustment for SFTs (i.e., repos and similar secured lending)	(205)	162	(599)	105	241
7 Adjustment for off-balance sheet items (i.e., credit equivalent amounts of off-balance sheet exposures)	112,208	110,185	106,906	104,478	101,677
8 Other adjustments ⁽¹⁾	(13,616)	(15,343)	(58,667)	(75,080)	(54,165)
9 Leverage ratio exposure measure	1,039,329	1,029,885	967,199	961,791	941,694

(1) The temporary exclusion of Central bank reserves from the leverage ratio exposure measure in response to the onset of the COVID-19 pandemic was no longer applicable beginning in Q2/23.

LR2: LEVERAGE RATIO COMMON DISCLOSURE TEMPLATE

(\$ millions)

	Q3/23	Q2/23	Q1/23	Q4/22	Q3/22
Row					
On-balance sheet exposures					
1 On-balance sheet items (excluding derivatives, SFTs and grandfathered securitization exposures, but including collateral) ⁽¹⁾	821,733	823,200	769,824	759,525	746,671
2 Gross up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the operative accounting framework (IFRS)	-	-	-	-	-
3 (Deductions of receivables assets for cash variation margin provided in derivative transactions)	(6,164)	(7,254)	(9,593)	(13,444)	(10,213)
4 (Asset amounts deducted in determining T1 capital)	(7,452)	(8,088)	(8,008)	(8,018)	(8,393)
5 Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 to 4)	808,117	807,858	752,223	738,063	728,065
Derivative exposures					
6 Replacement cost associated with all derivative transactions	7,436	8,318	8,906	12,115	13,153
7 Add-on amounts for potential future exposure associated with all derivative transactions	24,388	23,309	22,128	22,485	23,141
8 (Exempted central counterparty (CCP)-leg of client cleared trade exposures)	-	-	-	-	-
9 Adjusted effective notional amount of written credit derivatives	1,372	900	960	1,311	830
10 (Adjusted effective notional offsets and add-on deductions for written credit derivatives)	(1,372)	(894)	(953)	(1,305)	(825)
11 Total derivatives exposures (sum of lines 6 to 10)	31,824	31,633	31,041	34,606	36,299
SFT exposures					
12 Gross SFT assets recognized for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions	87,385	80,047	77,628	84,539	75,412
13 (Netted amounts of cash payables and cash receivables of gross SFT assets)	(4,538)	(4,406)	(5,487)	(4,747)	(4,053)
14 Counterparty credit risk exposure for SFTs	4,333	4,568	4,888	4,852	4,294
15 Agent transaction exposures	-	-	-	-	-
16 Total SFT exposures (sum of lines 12 to 15)	87,180	80,209	77,029	84,644	75,653
Other off-balance sheet exposures					
17 Off-balance sheet exposure at gross notional amount	382,625	378,680	374,025	369,288	361,373
18 (Adjustments for conversion to credit equivalent amounts)	(270,417)	(268,495)	(267,119)	(264,810)	(259,696)
19 Off-balance sheet items (sum of lines 17 and 18)	112,208	110,185	106,906	104,478	101,677
Capital and Total Exposures					
20 T1 capital ⁽²⁾	43,673	43,117	41,592	41,946	40,038
20a T1 capital with transitional arrangements for ECL provisioning not applied	43,673	43,117	41,592	41,776	39,939
21 Total Exposures (sum of lines 5, 11, 16 and 19)	1,039,329	1,029,885	967,199	961,791	941,694
Leverage Ratio					
22 Leverage ratio ⁽¹⁾⁽²⁾	4.2%	4.2%	4.3%	4.4%	4.3%
22a Leverage ratio with transitional arrangements for ECL provisioning not applied	4.2%	4.2%	4.3%	4.3%	4.2%

(1) The temporary exclusion of Central bank reserves from the leverage ratio exposure measure in response to the onset of the COVID-19 pandemic was no longer applicable beginning in Q2/23.

(2) Lines 20 and 22 include the impact of the ECL transitional arrangement announced by OSFI on March 27, 2020, which results in a portion of ECL allowances that would otherwise be included in Tier 2 capital qualifying for inclusion in CET1 capital subject to certain scalars and limitations. The transitional arrangement was no longer applicable beginning in Q1/23.

CR1: CREDIT QUALITY OF ASSETS

(\$ millions)	Q3/23						
	a	b	c	d	e	f	g
	Gross carrying values of			Of which ECL accounting provisions for credit losses on SA exposures ⁽¹⁾		Of which ECL accounting provisions for credit losses on IRB exposures	
	Defaulted exposures	Non-defaulted exposures	Allowances/impairments	Allocated in regulatory category of specific	Allocated in regulatory category of general		Net value (a+b-c)
1 Loans	2,616	539,315	3,715	251	615	2,849	538,216
2 Debt securities	464	159,295	41	14	26	1	159,718
2a Other investment ⁽²⁾	-	3	-	-	-	-	3
3 Off-balance sheet exposures ⁽³⁾	198	383,660	221	1	73	147	383,637
4 Total	3,278	1,082,273	3,977	266	714	2,997	1,081,574

(\$ millions)	Q2/23						
	a	b	c	d	e	f	g
	Gross carrying values of			Of which ECL accounting provisions for credit losses on SA exposures ⁽¹⁾		Of which ECL accounting provisions for credit losses on IRB exposures	
	Defaulted exposures	Non-defaulted exposures	Allowances/impairments	Allocated in regulatory category of specific	Allocated in regulatory category of general		Net value (a+b-c)
1 Loans	2,328	539,342	3,397	272	615	2,510	538,273
2 Debt securities	482	155,812	43	15	27	1	156,251
2a Other investment ⁽²⁾	-	3	-	-	-	-	3
3 Off-balance sheet exposures ⁽³⁾	154	380,792	184	1	72	111	380,762
4 Total	2,964	1,075,949	3,624	288	714	2,622	1,075,289

(\$ millions)	Q1/23						
	a	b	c	d	e	f	g
	Gross carrying values of			Of which ECL accounting provisions for credit losses on SA exposures ⁽¹⁾		Of which ECL accounting provisions for credit losses on IRB exposures	
	Defaulted exposures	Non-defaulted exposures	Allowances/impairments	Allocated in regulatory category of specific	Allocated in regulatory category of general		Net value (a+b-c)
1 Loans	1,942	532,523	3,159	276	618	2,265	531,306
2 Debt securities	489	150,380	37	14	22	1	150,832
2a Other investment ⁽²⁾	-	4	-	-	-	-	4
3 Off-balance sheet exposures ⁽³⁾	112	373,310	212	1	52	159	373,210
4 Total	2,543	1,056,217	3,408	291	692	2,425	1,055,352

(1) For SA exposures, stage 3 allowances are reflected in the category of specific, and stage 1 and 2 allowances are reflected in the category of general.

(2) Other investments include equity investments subject to the credit risk framework.

(3) Includes \$176.5 billion (Q2/23: \$175.9 billion) of personal, home equity and credit card lines, which are unconditionally cancellable at our discretion.

CR1: CREDIT QUALITY OF ASSETS (continued)

(\$ millions)	Q4/22						
	a	b	c	d	e	f	g
	Gross carrying values of			Of which ECL accounting provisions for credit losses on SA exposures ⁽¹⁾		Of which ECL accounting provisions for credit losses on IRB exposures	
	Defaulted exposures	Non-defaulted exposures	Allowances/ impairments	Allocated in regulatory category of specific	Allocated in regulatory category of general	Net value (a+b-c)	
1 Loans	1,743	529,987	3,073	251	638	2,184	528,657
2 Debt securities	498	143,226	39	12	26	1	143,685
2a Other investment ⁽²⁾	-	2	-	-	-	-	2
3 Off-balance sheet exposures ⁽³⁾	112	367,672	203	-	41	162	367,581
4 Total	2,353	1,040,887	3,315	263	705	2,347	1,039,925

(\$ millions)	Q3/22						
	a	b	c	d	e	f	g
	Gross carrying values of			Of which ECL accounting provisions for credit losses on SA exposures ⁽¹⁾		Of which ECL accounting provisions for credit losses on IRB exposures	
	Defaulted exposures	Non-defaulted exposures	Allowances/ impairments	Allocated in regulatory category of specific	Allocated in regulatory category of general	Net value (a+b-c)	
1 Loans	1,701	517,717	2,823	226	530	2,067	516,595
2 Debt securities	464	141,250	36	11	24	1	141,678
2a Other investment ⁽²⁾	-	14	-	-	-	-	14
3 Off-balance sheet exposures ⁽³⁾	120	359,621	179	-	44	135	359,562
4 Total	2,285	1,018,602	3,038	237	598	2,203	1,017,849

For footnotes, see page 18.

CR2: CHANGES IN STOCK OF DEFAULTED LOANS AND DEBT SECURITIES ⁽¹⁾

(\$ millions)

	Q3/23	Q2/23	Q1/23	Q4/22	Q3/22
	<u>a</u>	<u>b</u>	<u>c</u>	<u>d</u>	<u>e</u>
1 Defaulted loans and debt securities at end of the previous reporting period	2,964	2,543	2,353	2,285	2,369
2 Loans and debt securities that have defaulted since the last reporting period	1,074	1,009	721	485	537
Amounts repaid ⁽²⁾	(278)	(187)	(144)	(131)	(105)
3 Returned to non-defaulted status	(110)	(161)	(127)	(94)	(260)
4 Amounts written off	(365)	(291)	(233)	(266)	(242)
5 Other changes ⁽³⁾	(7)	51	(27)	74	(14)
6 Defaulted loans and debt securities at end of the reporting period	3,278	2,964	2,543	2,353	2,285

(1) Includes off-balance sheet exposures.

(2) Includes disposals of loans.

(3) Includes changes due to foreign exchange movements.

CR3: CRM TECHNIQUES - OVERVIEW ⁽¹⁾

(\$ millions)	Q3/23					Q2/23				
	a	b1	b	d	f	a	b1	b	d	f
	Exposure unsecured: carrying amount ⁽²⁾	Exposure secured ⁽³⁾	Exposure secured by collateral ⁽⁴⁾	Exposures secured by financial guarantees	Exposures secured by credit derivatives ⁽⁵⁾	Exposure unsecured: carrying amount ⁽²⁾	Exposure secured ⁽³⁾	Exposure secured by collateral ⁽⁴⁾	Exposures secured by financial guarantees	Exposures secured by credit derivatives ⁽⁵⁾
1 Loans	68,430	469,786	467,911	1,875	-	66,596	471,677	470,108	1,569	-
2 Debt securities	139,712	20,006	3,068	16,938	-	132,449	23,802	4,081	19,721	-
3 Total ⁽³⁾	208,142	489,792	470,979	18,813	-	199,045	495,479	474,189	21,290	-
4 Of which defaulted ⁽⁶⁾	630	1,436	1,432	4	-	627	1,291	1,285	6	-

(\$ millions)	Q1/23					Q4/22				
	a	b1	b	d	f	a	b1	b	d	f
	Exposure unsecured: carrying amount ⁽²⁾	Exposure secured ⁽³⁾	Exposure secured by collateral ⁽⁴⁾	Exposures secured by financial guarantees	Exposures secured by credit derivatives ⁽⁵⁾	Exposure unsecured: carrying amount ⁽²⁾	Exposure secured ⁽³⁾	Exposure secured by collateral ⁽⁴⁾	Exposures secured by financial guarantees	Exposures secured by credit derivatives ⁽⁵⁾
1 Loans	64,975	466,331	465,138	1,193	-	65,144	463,513	462,367	1,146	-
2 Debt securities	127,964	22,868	3,847	19,021	-	122,394	21,291	3,069	18,222	-
3 Total ⁽³⁾	192,939	489,199	468,985	20,214	-	187,538	484,804	465,436	19,368	-
4 Of which defaulted ⁽⁶⁾	585	1,095	1,087	8	-	604	961	955	6	-

(\$ millions)	Q3/22				
	a	b1	b	d	f
	Exposure unsecured: carrying amount ⁽²⁾	Exposure secured ⁽³⁾	Exposure secured by collateral ⁽⁴⁾	Exposures secured by financial guarantees	Exposures secured by credit derivatives ⁽⁵⁾
1 Loans	62,475	454,120	453,458	662	-
2 Debt securities	120,680	20,998	2,779	18,219	-
3 Total ⁽³⁾	183,155	475,118	456,237	18,881	-
4 Of which defaulted ⁽⁶⁾	550	961	953	8	-

(1) Excludes off-balance sheet exposures.

(2) Includes fully unsecured exposures and the unsecured portion of partially-secured exposures.

(3) Amounts reflect the entire carrying value of exposures which are secured by either collateral or financial guarantees.

(4) All residential mortgages are included in exposure secured by collateral.

(5) Excludes derivatives which do not qualify in reducing exposures considered for regulatory capital purposes. For exposures secured by more than one form of security, exposures are first reduced by the amount secured by collateral, and then financial guarantees and credit derivatives, as applicable.

(6) Amounts are net of allowance for credit losses.

CR4: SA - CREDIT RISK EXPOSURE AND CRM EFFECTS

(\$ millions)

	Q3/23											
	a		b		c		d		e		f	
	Exposures before CCF ⁽¹⁾ and CRM		Exposures post-CCF and CRM		RWA and RWA density							
Asset classes	On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount	RWA	RWA density %						
1 Sovereigns and their central banks	22,892	36	23,519	215	327	1						
2 Public sector entities (PSEs)	3,632	356	3,865	202	1,641	40						
3 Multilateral development banks	671	-	671	-	134	20						
4 Banks	1,089	14	1,089	1	282	26						
Of which: securities firms and other financial institutions treated as banks	-	-	-	-	-	-						
5 Covered bonds	-	-	-	-	-	-						
6 Corporates	29,546	23,431	29,123	7,916	35,744	97						
Of which: securities firms and other financial institutions treated as corporates	10,431	10,859	10,427	2,891	13,334	100						
Of which: specialized lending	-	-	-	-	-	-						
7 Subordinated debt, equity and other capital	756	99	756	40	1,100	138						
8 Retail	5,211	15,470	5,050	3,805	3,549	40						
9 Real estate	22,485	4,279	22,233	1,709	20,682	86						
Of which: general residential real estate (general RRE)	5,185	149	4,987	23	1,599	32						
Of which: income-producing residential real estate (IPREE)	292	3	265	1	112	42						
Of which: other residential real estate (other RRE)	-	-	-	-	-	-						
Of which: general commercial real estate (general CRE)	3,970	408	3,944	166	4,050	99						
Of which: income-producing commercial real estate (IPCRE)	10,377	925	10,376	400	9,253	86						
Of which: land acquisition, development and construction	2,661	2,794	2,661	1,119	5,668	150						
10 Reverse mortgages	-	-	-	-	-	-						
11 MBS	-	-	-	-	-	-						
12 Defaulted exposures ⁽²⁾	749	58	473	25	648	130						
13 Other assets ⁽³⁾	16,175	-	16,175	-	7,678	47						
14 Total	103,206	43,743	102,954	13,913	71,785	61						

(\$ millions)

	Q2/23											
	a		b		c		d		e		f	
	Exposures before CCF ⁽¹⁾ and CRM		Exposures post-CCF and CRM		RWA and RWA density							
Asset classes	On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount	RWA	RWA density %						
1 Sovereigns and their central banks	22,378	38	23,199	211	320	1						
2 PSEs	3,870	532	4,002	198	1,605	38						
3 Multilateral development banks	575	-	575	-	115	20						
4 Banks	1,207	34	1,207	9	287	24						
Of which: securities firms and other financial institutions treated as banks	-	-	-	-	-	-						
5 Covered bonds	-	-	-	-	-	-						
6 Corporates	30,919	22,296	30,499	7,750	36,857	96						
Of which: securities firms and other financial institutions treated as corporates	11,055	9,787	11,054	2,724	13,792	100						
Of which: specialized lending	-	-	-	-	-	-						
7 Subordinated debt, equity and other capital	831	158	831	63	1,225	137						
8 Retail	4,942	15,113	4,763	3,739	3,384	40						
9 Real estate	22,804	4,778	22,464	1,907	21,229	87						
Of which: general RRE	5,295	164	5,031	26	1,621	32						
Of which: IPREE	312	4	276	2	121	44						
Of which: other RRE	-	-	-	-	-	-						
Of which: general CRE	4,134	419	4,095	200	4,249	99						
Of which: IPCRE	10,356	980	10,355	394	9,251	86						
Of which: land acquisition, development and construction	2,707	3,211	2,707	1,285	5,987	150						
10 Reverse mortgages	-	-	-	-	-	-						
11 MBS	-	-	-	-	-	-						
12 Defaulted exposures ⁽²⁾	714	33	427	15	561	127						
13 Other assets ⁽³⁾⁽⁴⁾	17,200	-	17,200	-	7,709	45						
14 Total	105,440	42,982	105,167	13,892	73,292	62						

(1) Credit conversion factor (CCF).

(2) Excludes defaulted exposures related to debt securities that are risk-weighted at 0%.

(3) Excludes exposures that are deducted from regulatory capital.

(4) Certain prior period information has been restated to conform to the current quarter presentation.

(5) Comprises non-trading equities that are risk-weighted at 100% under the materiality clause. RWA include the 6% adjustment for the scaling factor.

CR4: SA - CREDIT RISK EXPOSURE AND CRM EFFECTS (continued)

(\$ millions)

Asset classes	Q1/23										
	a		b		c		d		e		f
	Exposures before CCF ⁽¹⁾ and CRM		Exposures post-CCF and CRM		RWA and RWA density				RWA		RWA
	On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount	RWA	RWA			density %		
1 Sovereigns and their central banks	26,035	-	26,035	-	1,379	-			5		
2 Non-central government PSEs	-	-	-	-	-	-			-		
3 Multilateral development banks	-	-	-	-	-	-			-		
4 Banks	1,003	78	1,003	19	303	-			30		
5 Securities firms	-	-	-	-	-	-			-		
6 Corporates	46,282	28,342	46,282	10,947	56,615	-			99		
7 Regulatory retail portfolios	4,776	14,447	4,776	112	3,570	-			73		
8 Secured by residential property	5,259	132	5,259	-	2,361	-			45		
9 Secured by commercial real estate	-	-	-	-	-	-			-		
10 Equity ⁽⁵⁾	757	34	757	17	821	-			106		
11 Past-due loans	-	-	-	-	-	-			-		
12 Higher-risk categories	-	-	-	-	-	-			-		
13 Other assets ⁽³⁾	21,568	-	21,568	-	13,364	-			62		
14 Total	105,680	43,033	105,680	11,095	78,413	-			67		

(\$ millions)

Asset classes	Q4/22										
	a		b		c		d		e		f
	Exposures before CCF ⁽¹⁾ and CRM		Exposures post-CCF and CRM		RWA and RWA density				RWA		RWA
	On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount	RWA	RWA			density %		
1 Sovereigns and their central banks	28,680	-	28,680	-	1,446	-			5		
2 Non-central government PSEs	-	-	-	-	-	-			-		
3 Multilateral development banks	-	-	-	-	-	-			-		
4 Banks	1,548	75	1,548	18	446	-			28		
5 Securities firms	-	-	-	-	-	-			-		
6 Corporates	45,832	28,964	45,832	10,972	56,161	-			99		
7 Regulatory retail portfolios	5,059	13,839	5,059	149	3,824	-			73		
8 Secured by residential property	5,372	126	5,372	-	2,467	-			46		
9 Secured by commercial real estate	-	-	-	-	-	-			-		
10 Equity ⁽⁵⁾	747	34	747	17	810	-			106		
11 Past-due loans	-	-	-	-	-	-			-		
12 Higher-risk categories	-	-	-	-	-	-			-		
13 Other assets ⁽³⁾	25,280	-	25,280	-	12,664	-			50		
14 Total	112,518	43,038	112,518	11,156	77,818	-			63		

For footnotes, see page 22.

CR4: SA - CREDIT RISK EXPOSURE AND CRM EFFECTS (continued)

(\$ millions)

		Q3/22											
		a		b		c		d		e		f	
		Exposures before CCF ⁽¹⁾ and CRM		Exposures post-CCF and CRM		Exposures post-CCF and CRM		Exposures post-CCF and CRM		RWA and RWA density		RWA and RWA density	
		On-balance	Off-balance	On-balance	Off-balance	On-balance	Off-balance	On-balance	Off-balance	RWA	RWA	density	density
		sheet amount	sheet amount	sheet amount	sheet amount	sheet amount	sheet amount	sheet amount	sheet amount	RWA	RWA	density	density
		sheet amount	sheet amount	sheet amount	sheet amount	sheet amount	sheet amount	sheet amount	sheet amount	RWA	RWA	density	density
Asset classes													
1	Sovereigns and their central banks	24,060	-	24,060	-	24,060	-	24,060	-	1,387	-	6	-
2	Non-central government PSEs	-	-	-	-	-	-	-	-	-	-	-	-
3	Multilateral development banks	-	-	-	-	-	-	-	-	-	-	-	-
4	Banks	2,073	54	2,073	17	2,073	17	2,073	17	539	-	26	-
5	Securities firms	-	-	-	-	-	-	-	-	-	-	-	-
6	Corporates	43,196	26,853	43,196	10,515	43,196	10,515	43,196	10,515	53,021	-	99	-
7	Regulatory retail portfolios	4,817	13,567	4,817	153	4,817	153	4,817	153	3,633	-	73	-
8	Secured by residential property	4,976	115	4,976	-	4,976	-	4,976	-	2,266	-	46	-
9	Secured by commercial real estate	-	-	-	-	-	-	-	-	-	-	-	-
10	Equity ⁽⁵⁾	679	54	679	27	679	27	679	27	748	-	106	-
11	Past-due loans	-	-	-	-	-	-	-	-	-	-	-	-
12	Higher-risk categories	-	-	-	-	-	-	-	-	-	-	-	-
13	Other assets ⁽³⁾	22,057	-	22,057	-	22,057	-	22,057	-	12,329	-	56	-
14	Total	101,858	40,643	101,858	10,712	101,858	10,712	101,858	10,712	73,923	-	66	-

For footnotes, see page 22.

CR5: SA - EXPOSURES BY ASSET CLASSES AND RISK-WEIGHTS

(\$ millions)

Asset classes	Q3/23																				Total credit exposure amount (post-CCF and post-CRM)							
	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t		u	v	w	x	y	z	aa
	Risk weight																											
	0%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	100%	105%	110%	130%	150%	250%	400%	1250%	Others	post-CRM)	
1 Sovereigns and their central banks	23,365		17						63									283				6					-	23,734
2 PSEs	78		2,821						284									780				104					-	4,067
3 Multilateral development banks	-		671		-				-									-				-					-	671
4 Banks			863		174		-		24					-				2				27					-	1,090
Of which: securities firms and other financial institutions			-		-		-		-					-				-				-					-	-
5 Covered bonds			-		-		-		-					-				-				-					-	-
6 Corporates			-		-				66		-					8,540		28,399				-	34				-	37,039
Of which: securities firms and other financial institutions			-		-				-					-				13,290				28					-	13,318
Of which: specialized lending			-		-				-					-				-				-					-	-
7 Subordinated debt, equity and other capital			7															582							207		-	796
8 Retail	5,284													3,265				306									-	8,855
9 Real estate		1,349	655	1,064	1,149	344	30	379		170		- 4,505	18				- 4,517	3,959		7	2,016		3,780			-	23,942	
Of which: general RRE		1,349	655	925	1,129	344		346				- 262					-						-			-	5,010	
Of which: IPRRE				139	20		30	33		19			18							7			-			-	266	
Of which: other RRE																							-				-	-
Of which: general CRE																		3,959					-			-	4,110	
Of which: IPCRE												4,243					4,517				2,016		-			-	10,776	
Of which: land acquisition, development and construction																							3,780				-	3,780
10 Reverse mortgages																							-				-	-
11 MBS																							-				-	-
12 Defaulted exposures																			196				302				-	498
13 Other assets ⁽¹⁾	8,502																	7,673									-	16,175
14 Total	31,945	5,284	5,728	655	1,238	1,149	344	30	816		- 170		- 4,505	3,283		- 8,540	4,517	42,180		7	2,016		- 4,253	207		-	116,867	

Exposure amounts and CCFs applied to off-balance sheet exposures, categorised based on risk bucket of converted exposures.

(\$ millions)

Risk weight	Q3/23			
	a	b	c	d
	On-balance sheet exposure	Off-balance sheet exposure (pre-CCF)	Weighted ⁽²⁾ average CCF	Exposure (post-CCF and post-)
1 Less than 40%	41,922	12,332	26%	45,999
2 40-70%	5,816	149	15%	5,865
3 75-80%	2,726	2,467	24%	3,283
4 85%	7,394	3,646	40%	8,540
5 90-100%	40,412	21,363	33%	46,697
6 105-130%	1,627	928	43%	2,023
7 150%	3,117	2,852	40%	4,253
8 250%	192	37	41%	207
9 400%	-	-	-	-
10 1250%	-	-	-	-
11 Total exposures	103,206	43,774	32%	116,867

(1) Excludes exposures that are deducted from regulatory capital.

(2) Weighting is based on off-balance sheet exposure (pre-CCF).

(3) Certain prior period information has been restated to conform to the current quarter presentation.

(4) Comprises non-trading equity exposures that are risk-weighted at 100% under the materiality clause per OSFI's CAR Guideline.

CR5: SA - EXPOSURES BY ASSET CLASSES AND RISK-WEIGHTS

(\$ millions)

	Q2/23																				Total credit exposure amount (post-CCF and post-CRM)								
	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t		u	v	w	x	y	z	aa	
	Risk weight																												
Asset classes	0%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	100%	105%	110%	130%	150%	250%	400%	1250%	Others	post-CRM)		
1 Sovereigns and their central banks	23,044		16						72									272				6					-	23,410	
2 PSEs	86		2,971						377									654				112					-	4,200	
3 Multilateral development banks	-		575		-				-									-				-					-	575	
4 Banks			1,127		38		-		22					-				11				18					-	1,216	
Of which: securities firms and other financial institutions			-		-		-		-					-				-				-					-	-	
5 Covered bonds			-		-		-		-					-				-				-					-	-	
6 Corporates			-						68					-		9,162		28,984				-	35				-	38,249	
Of which: securities firms and other financial institutions			-						-					-				13,750				28					-	13,778	
Of which: specialized lending			-						-					-				-				-					-	-	
7 Subordinated debt, equity and other capital			73															562							259		-	894	
8 Retail		5,114												3,085				303									-	8,502	
9 Real estate			1,309	673	1,078	1,191	344	33	402	-	129	-	4,488	17			-	4,397	4,184	16	2,118		3,992			-	24,371		
Of which: general RRE			1,309	673	938	1,170	344		369				-	254			-										-	5,057	
Of which: IPRRE					140	21		33	33				18								16						-	278	
Of which: other RRE																												-	-
Of which: general CRE																			4,184								-	4,295	
Of which: IPCRE													4,234				4,397				2,118						-	10,749	
Of which: land acquisition, development and construction																							3,992				-	3,992	
10 Reverse mortgages																												-	-
11 MBS																												-	-
12 Defaulted exposures																			208					234				-	442
13 Other assets ⁽¹⁾⁽³⁾	9,492																	7,708									-	17,200	
14 Total	32,622	5,114	6,071	673	1,116	1,191	344	33	941	-	129	-	4,488	3,102	-	9,162	4,397	42,886	16	2,118	-	4,397	259	-	-	-	119,059		

Exposure amounts and CCFs applied to off-balance sheet exposures, categorised based on risk bucket of converted exposures.

(\$ millions)

	Q2/23			
	a	b	c	d
	On-balance sheet exposure	Off-balance sheet exposure (pre-CCF)	Weighted ⁽²⁾ average CCF	Exposure (post-CCF and post-)
1 Less than 40%	42,554	12,230	26%	46,787
2 40-70%	6,005	349	20%	5,935
3 75-80%	2,586	2,299	24%	3,102
4 85%	7,971	3,749	40%	9,162
5 90-100%	41,248	20,067	35%	47,283
6 105-130%	1,744	984	40%	2,134
7 150%	3,107	3,243	40%	4,397
8 250% ⁽³⁾	220	96	41%	259
9 400%	-	-	-	-
10 1250%	-	-	-	-
11 Total exposures	105,435	43,017	32%	119,059

For footnotes, see page 25.

CR5: SA - EXPOSURES BY ASSET CLASSES AND RISK-WEIGHTS (continued)

(\$ millions)

		Q1/23										
		a	b	c	d	e	f	g	h	i	i	
		Risk weight										
												Total credit exposures amount (post-CCF and post-CRM)
Asset classes		0%	10%	20%	35%	50%	75%	100%	150%	Others		
1	Sovereigns and their central banks	22,402	-	2,755	-	105	-	769	4	-	26,035	
2	Non-central government PSEs	-	-	-	-	-	-	-	-	-	-	
3	Multilateral development banks	-	-	-	-	-	-	-	-	-	-	
4	Banks	-	-	839	-	96	-	87	-	-	1,022	
5	Securities firms	-	-	-	-	-	-	-	-	-	-	
6	Corporates	562	-	105	-	88	-	56,323	151	-	57,229	
7	Regulatory retail portfolios	88	-	85	-	38	4,610	49	18	-	4,888	
8	Secured by residential property	-	-	9	4,042	-	1,089	103	16	-	5,259	
9	Secured by commercial real estate	-	-	-	-	-	-	-	-	-	-	
10	Equity ⁽⁴⁾	-	-	-	-	-	-	774	-	-	774	
11	Past-due loans	-	-	-	-	-	-	-	-	-	-	
12	Higher-risk categories	-	-	-	-	-	-	-	-	-	-	
13	Other assets ⁽¹⁾	11,998	-	-	-	-	-	7,241	-	2,329	21,568	
14	Total	35,050	-	3,793	4,042	327	5,699	65,346	189	2,329	116,775	

(\$ millions)

		Q4/22										
		a	b	c	d	e	f	g	h	i	i	
		Risk weight										
												Total credit exposures amount (post-CCF and post-CRM)
Asset classes		0%	10%	20%	35%	50%	75%	100%	150%	Others		
1	Sovereigns and their central banks	24,808	-	2,972	-	102	-	794	4	-	28,680	
2	Non-central government PSEs	-	-	-	-	-	-	-	-	-	-	
3	Multilateral development banks	-	-	-	-	-	-	-	-	-	-	
4	Banks	-	-	1,347	-	85	-	134	-	-	1,566	
5	Securities firms	-	-	-	-	-	-	-	-	-	-	
6	Corporates	582	-	104	-	85	-	55,904	129	-	56,804	
7	Regulatory retail portfolios	99	-	64	-	39	4,929	41	36	-	5,208	
8	Secured by residential property	-	-	9	3,980	-	1,261	113	9	-	5,372	
9	Secured by commercial real estate	-	-	-	-	-	-	-	-	-	-	
10	Equity ⁽⁴⁾	-	-	-	-	-	-	764	-	-	764	
11	Past-due loans	-	-	-	-	-	-	-	-	-	-	
12	Higher-risk categories	-	-	-	-	-	-	-	-	-	-	
13	Other assets ⁽¹⁾	15,898	-	-	-	-	-	7,365	-	2,017	25,280	
14	Total	41,387	-	4,496	3,980	311	6,190	65,115	178	2,017	123,674	

For footnotes, see page 25.

CR5: SA - EXPOSURES BY ASSET CLASSES AND RISK-WEIGHTS (continued)

(\$ millions)

		Q3/22									
		a	b	c	d	e	f	g	h	i	i
		Risk weight									Total credit exposures amount (post-CCF and post-CRM)
Asset classes		0%	10%	20%	35%	50%	75%	100%	150%	Others	
1	Sovereigns and their central banks	20,302	-	2,884	-	129	-	745	-	-	24,060
2	Non-central government PSEs	-	-	-	-	-	-	-	-	-	-
3	Multilateral development banks	-	-	-	-	-	-	-	-	-	-
4	Banks	-	-	1,835	-	165	-	90	-	-	2,090
5	Securities firms	-	-	-	-	-	-	-	-	-	-
6	Corporates	653	-	109	-	86	-	52,677	186	-	53,711
7	Regulatory retail portfolios	105	-	59	-	36	4,713	36	21	-	4,970
8	Secured by residential property	-	-	9	3,736	-	1,114	108	9	-	4,976
9	Secured by commercial real estate	-	-	-	-	-	-	-	-	-	-
10	Equity ⁽⁴⁾	-	-	-	-	-	-	706	-	-	706
11	Past-due loans	-	-	-	-	-	-	-	-	-	-
12	Higher-risk categories	-	-	-	-	-	-	-	-	-	-
13	Other assets ⁽¹⁾	12,913	-	-	-	-	-	7,182	-	1,962	22,057
14	Total	33,973	-	4,896	3,736	416	5,827	61,544	216	1,962	112,570

For footnotes, see page 25.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE ⁽¹⁾

(\$ millions)

AIRB approach	Q3/23											
	a	b	c	d	e	f	g	h	i	j	k	l
PD scale	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁵⁾
Business and government portfolios												
Corporate ⁽⁶⁾												
0.00 to <0.15	12,289	7,656	70	17,631	0.08	2,031	29	2.4	3,061	17	5	
0.15 to <0.25	19,831	9,972	69	26,726	0.20	6,626	38	2.0	8,337	31	20	
0.25 to <0.50	13,024	8,198	62	18,119	0.33	4,775	39	1.8	7,505	41	24	
0.50 to <0.75	21,396	11,782	49	27,194	0.63	3,875	38	1.9	16,021	59	66	
0.75 to <2.50	8,832	4,381	50	11,040	1.36	2,670	39	1.8	8,705	79	60	
2.50 to <10.00	8,334	3,603	47	10,017	4.11	23,917	37	2.2	10,697	107	151	
10.00 to <100.00	1,027	261	49	1,154	30.07	251	45	1.5	2,618	227	191	
100.00 (Default)	1,300	115	32	1,336	100.00	519	43	2.1	2,008	150	484	
	86,033	45,968	59	113,217	2.25	44,664	37	2.0	58,952	52	1,001	907
Corporate specialized lending ⁽⁶⁾												
0.00 to <0.15	372	1,133	75	1,221	0.07	13	28	1.8	155	13	-	
0.15 to <0.25	2,474	2,104	64	3,822	0.20	94	30	2.8	1,253	33	2	
0.25 to <0.50	2,300	1,545	62	3,253	0.33	69	27	2.9	1,157	36	3	
0.50 to <0.75	6,813	5,135	52	9,460	0.64	198	28	3.0	4,907	52	17	
0.75 to <2.50	1,696	918	46	2,121	1.41	74	33	2.4	1,655	78	10	
2.50 to <10.00	567	337	51	740	3.75	37	47	2.3	1,093	148	14	
10.00 to <100.00	114	47	98	160	30.67	3	40	2.8	331	207	16	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	14,336	11,219	57	20,777	0.90	488	29	2.8	10,551	51	62	31
Sovereign												
0.00 to <0.15	150,093	15,974	67	160,770	0.02	1,292	9	2.8	4,303	3	7	
0.15 to <0.25	352	107	73	429	0.23	70	27	2.4	108	25	-	
0.25 to <0.50	79	26	76	99	0.33	62	46	1.6	47	47	-	
0.50 to <0.75	263	48	42	282	0.55	46	35	2.1	143	51	1	
0.75 to <2.50	16	3	76	18	1.41	8	25	1.5	9	50	-	
2.50 to <10.00	39	10	58	45	5.65	160	36	1.3	52	116	1	
10.00 to <100.00	2	-	79	2	17.53	1	25	1.0	3	150	-	
100.00 (Default)	-	-	49	-	100.00	1	55	2.5	-	-	-	
	150,844	16,168	67	161,645	0.02	1,640	9	2.8	4,665	3	9	1
Banks ⁽⁷⁾⁽⁸⁾												
0.00 to <0.15	3,363	15	41	3,369	0.01	21	5	2.8	36	1	-	

(1) Excludes credit risk exposures that are subject to the securitization framework.

(2) Where a guarantee from a third-party exists, the credit rating of both the obligor and the guarantor will be assessed. In situations where an obligor has multiple outstanding exposures, those exposures without a guarantee reflect the PD of the obligor whereas guaranteed exposures will reflect the PD of the third-party guarantor. In such situations, the obligor will appear twice in both PD bands.

(3) Denoted in years.

(4) The use of credit derivatives reduced RWA relating to corporate exposures under the AIRB approach by nil (Q1/23: nil).

(5) Expected loss amounts are calculated for regulatory capital purposes based on our historical experience through-the-cycle and do not incorporate forward-looking information. Provision amounts represent stage 1, 2, and 3 allowance for credit loss amounts calculated in accordance with IFRS 9, which incorporate forward-looking information. Expected losses and provisions are both inputs into the calculation to determine the shortfall of allowances versus expected losses (if any) to be deducted from regulatory capital.

(6) Beginning in Q1/23, excludes certain exposures previously subject to AIRB, now included under the standardized securitization approach pursuant to a change in methodology.

(7) Beginning in Q2/23, items which have zero balances have not been presented.

(8) Exposures are classified based on borrowers pre-CRM and the related RWAs are calculated on a post-CRM basis using the AIRB approach.

(9) Exposures are classified based on borrowers pre-CRM and the related RWAs are calculated on a post-CRM basis using the FIRB approach.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE (continued) ⁽¹⁾

(\$ millions)

FIRB approach PD scale	Q3/23											
	a	b	c	d	e	f	g	h	i	i	k	l
Business and government portfolios	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁵⁾
Corporate ⁽⁶⁾												
0.00 to <0.15	8,738	19,597	44	17,347	0.09	354	37	1.9	3,793	22	6	
0.15 to <0.25	10,685	23,101	43	20,673	0.19	398	37	2.7	7,813	38	15	
0.25 to <0.50	7,058	7,784	45	10,548	0.33	243	38	2.7	5,534	52	13	
0.50 to <0.75	7,047	6,938	38	9,707	0.63	251	35	2.8	6,038	62	21	
0.75 to <2.50	2,025	2,134	42	2,927	1.41	112	31	2.5	2,150	73	13	
2.50 to <10.00	2,426	1,879	41	3,190	4.33	903	31	2.5	3,223	101	45	
10.00 to <100.00	135	76	56	178	17.53	11	29	1.6	254	143	9	
100.00 (Default)	1	-	-	1	100.00	10	17	1.2	2	200	-	
	38,115	61,509	43	64,571	0.56	2,282	36	2.5	28,807	45	122	58
Sovereign ⁽⁷⁾⁽⁹⁾												
0.50 to <0.75	41	5	40	43	0.74	2	40	1.2	25	58	-	
Banks												
0.00 to <0.15	8,104	1,944	68	9,423	0.07	345	42	1.6	1,742	18	3	
0.15 to <0.25	607	463	41	798	0.17	42	45	0.9	210	26	2	
0.25 to <0.50	8	13	56	15	0.33	10	45	0.9	7	47	-	
0.50 to <0.75	6	110	47	58	0.62	16	44	0.6	33	57	-	
0.75 to <2.50	1	-	-	1	1.41	2	45	0.1	1	100	-	
2.50 to <10.00	2	25	60	17	4.43	37	44	1.1	23	135	-	
10.00 to <100.00	-	-	-	-	38.35	1	45	1.0	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	8,728	2,555	62	10,312	0.09	453	43	1.5	2,016	20	5	4

For footnotes, see page 29.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE (continued) ⁽¹⁾

(\$ millions)	Q3/23											
	a	b	c	d	e	f	g	h	i	j	k	l
AIRB approach	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁵⁾
Retail portfolios												
Real estate secured personal lending (insured) ⁽⁶⁾												
0.00 to <0.15	44,992	-	n/a	44,992	0.02	32,492	6	n/a	700	2	2	21
0.15 to <0.25	2,745	-	-	2,745	0.17	14,535	25	n/a	350	13	1	-
	47,737	-	n/a	47,737	0.03	47,027	7	n/a	1,050	2	3	21
Real estate secured personal lending (uninsured)												
0.00 to <0.15	116,649	30,591	50	131,805	0.10	496,791	18	n/a	6,436	5	24	
0.15 to <0.25	41,834	44,784	54	65,898	0.17	450,428	23	n/a	6,476	10	28	
0.25 to <0.50	41,110	142	33	41,156	0.37	100,367	19	n/a	5,540	13	29	
0.50 to <0.75	11,819	-	-	11,819	0.73	28,172	20	n/a	3,076	26	20	
0.75 to <2.50	17,422	1,651	35	18,001	1.40	90,276	22	n/a	7,273	40	62	
2.50 to <10.00	5,712	23	52	5,724	5.58	17,244	17	n/a	3,650	64	57	
10.00 to <100.00	678	18	44	686	39.54	3,396	21	n/a	896	131	58	
100.00 (Default)	394	-	-	394	100.00	1,905	21	n/a	468	119	49	
	235,618	77,209	52	275,483	0.63	1,188,579	20	n/a	33,815	12	327	468
Qualifying revolving retail												
0.00 to <0.15	3,353	68,855	68	49,902	0.07	5,049,248	90	n/a	2,076	4	33	
0.15 to <0.25	1,490	11,247	56	7,779	0.23	1,670,134	88	n/a	824	11	16	
0.25 to <0.50	-	1,433	36	510	0.33	925,331	51	n/a	41	8	1	
0.50 to <0.75	2,143	5,971	57	5,522	0.63	1,009,114	88	n/a	1,282	23	30	
0.75 to <2.50	4,264	3,148	54	5,964	1.55	1,603,912	85	n/a	2,704	45	79	
2.50 to <10.00	5,366	1,693	59	6,364	4.23	1,204,181	88	n/a	5,913	93	233	
10.00 to <100.00	1,082	258	49	1,207	26.41	306,149	86	n/a	2,439	202	274	
100.00 (Default)	58	-	n/a	58	100.00	16,798	78	n/a	52	90	42	
	17,756	92,605	64	77,306	1.07	11,784,867	89	n/a	15,331	20	708	1,269
Other retail												
0.00 to <0.15	521	1,471	82	1,733	0.09	15,633	79	n/a	307	18	1	
0.15 to <0.25	1,127	349	68	1,364	0.17	2,497	21	n/a	120	9	1	
0.25 to <0.50	2,990	171	50	3,076	0.44	201,942	59	n/a	1,207	39	8	
0.50 to <0.75	626	335	44	773	0.66	11,485	75	n/a	487	63	4	
0.75 to <2.50	6,404	128	57	6,477	1.14	172,878	62	n/a	4,295	66	47	
2.50 to <10.00	2,027	16	103	2,043	4.41	60,826	59	n/a	1,767	86	56	
10.00 to <100.00	780	459	51	1,013	62.70	270,734	20	n/a	453	45	87	
100.00 (Default)	67	-	n/a	67	100.00	13,746	68	n/a	99	148	38	
	14,542	2,929	68	16,546	5.37	749,741	57	n/a	8,735	53	242	156
Small and medium enterprises (SME) retail												
0.00 to <0.15	121	708	60	544	0.08	1,875	83	n/a	120	22	-	
0.15 to <0.25	-	-	-	-	-	-	-	n/a	-	-	-	
0.25 to <0.50	361	1,223	53	1,011	0.43	10,744	73	n/a	489	48	3	
0.50 to <0.75	-	-	-	-	-	-	-	n/a	-	-	-	
0.75 to <2.50	2,200	228	54	2,323	1.31	15,330	68	n/a	1,724	74	21	
2.50 to <10.00	135	79	53	177	4.42	5,012	77	n/a	199	112	6	
10.00 to <100.00	254	22	43	263	27.42	3,564	68	n/a	374	142	49	
100.00 (Default)	37	-	50	37	100.00	1,526	75	n/a	18	49	31	
	3,108	2,260	55	4,355	3.50	38,051	71	n/a	2,924	67	110	82
FIRB approach												
Real estate secured personal lending (insured) ⁽⁶⁾												
0.00 to <0.15	934	-	n/a	934	0.08	1,381	100	n/a	516	55	1	-
Total (all portfolios)	621,155	312,442	56	796,295	0.81	13,859,196	29	2.0	167,423	21	2,590	2,997

(1) Amounts are calculated after taking into consideration the effect of CRM strategies.

(2) The number of obligors for retail products reflects account level information rather than individual borrowers. In addition, certain products within real estate secured personal lending include both insured and uninsured components, such as mortgages and home-equity lines of credit secured by the same property. In such situations, the obligor will appear twice in both the insured and uninsured categories within the applicable PD band.

(3) Denoted in years.

(4) CIBC does not use credit derivatives to reduce RWA for retail exposures.

(5) Expected loss amounts are calculated for regulatory capital purposes based on our historical experience through-the-cycle and do not incorporate forward-looking information. Provision amounts represent stage 1, 2, and 3 allowance for credit loss amounts calculated in accordance with IFRS 9, which incorporate forward-looking information. Expected losses and provisions are both inputs into the calculation to determine the shortfall of allowances versus expected losses (if any) to be deducted from regulatory capital.

(6) Beginning in Q2/23, items which have zero balances have not been presented.

(7) Prior to Q2/23, other retail includes SME retail.

n/a Not applicable.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE (continued) ⁽¹⁾

(\$ millions)	Q2/23											
AIRB approach	a	b	c	d	e	f	g	h	i	i	k	l
PD scale	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁵⁾
Business and government portfolios												
Corporate ⁽⁶⁾												
0.00 to <0.15	12,775	8,204	70	18,535	0.08	2,051	30	2.4	3,387	18	5	
0.15 to <0.25	19,234	10,275	69	26,312	0.20	6,659	37	2.0	8,125	31	20	
0.25 to <0.50	13,471	8,115	63	18,560	0.33	4,722	40	1.8	7,705	42	25	
0.50 to <0.75	21,794	12,649	49	28,001	0.64	3,896	38	1.9	15,979	57	70	
0.75 to <2.50	9,389	4,569	49	11,624	1.36	2,688	39	1.9	9,064	78	63	
2.50 to <10.00	8,734	3,945	46	10,556	4.01	23,640	37	2.2	11,338	107	162	
10.00 to <100.00	1,318	291	47	1,456	30.05	238	46	1.6	3,394	233	216	
100.00 (Default)	1,026	105	34	1,062	100.00	499	42	2.1	1,274	120	380	
	87,741	48,153	59	116,106	2.06	44,393	37	2.0	60,266	52	941	679
Corporate specialized lending ⁽⁶⁾												
0.00 to <0.15	305	1,197	75	1,201	0.07	11	29	2.1	164	14	-	
0.15 to <0.25	2,465	1,920	64	3,702	0.20	92	30	2.8	1,220	33	2	
0.25 to <0.50	2,031	1,408	63	2,918	0.33	54	28	2.8	1,105	38	3	
0.50 to <0.75	6,810	5,372	51	9,560	0.63	188	28	3.1	4,984	52	17	
0.75 to <2.50	1,709	976	48	2,177	1.41	65	34	2.7	1,782	82	10	
2.50 to <10.00	633	368	49	814	3.31	38	47	1.9	1,120	138	14	
10.00 to <100.00	119	48	98	165	30.71	3	40	3.1	344	208	17	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	14,072	11,289	57	20,537	0.91	451	30	2.9	10,719	52	63	91
Sovereign												
0.00 to <0.15	156,272	16,218	67	167,089	0.02	1,255	9	2.7	4,393	3	5	
0.15 to <0.25	359	146	67	457	0.23	71	31	2.5	134	29	-	
0.25 to <0.50	76	26	75	96	0.33	54	45	1.7	48	50	-	
0.50 to <0.75	143	31	58	161	0.57	45	27	2.7	71	44	-	
0.75 to <2.50	16	3	77	18	1.41	8	25	1.7	9	50	-	
2.50 to <10.00	38	11	57	44	5.93	151	37	1.2	51	116	1	
10.00 to <100.00	2	-	1	2	17.53	1	25	1.7	3	-	-	
100.00 (Default)	-	-	-	-	100.00	1	55	2.5	-	-	-	
	156,906	16,435	67	167,867	0.02	1,586	9	2.6	4,709	3	6	-
Banks ⁽⁷⁾⁽⁸⁾												
0.00 to <0.15	2,849	4	20	2,849	0.01	22	5	3.2	33	1	-	

For footnotes, see page 29.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE (continued) ⁽¹⁾

(\$ millions)

FIRB approach PD scale	Q2/23											
	a	b	c	d	e	f	g	h	i	i	k	l
Business and government portfolios	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁵⁾
Corporate ⁽⁶⁾												
0.00 to <0.15	10,214	17,433	46	18,200	0.09	317	38	1.9	3,958	22	6	
0.15 to <0.25	10,524	23,157	43	20,436	0.19	422	38	2.6	7,498	37	15	
0.25 to <0.50	6,779	7,133	44	9,953	0.33	225	38	2.8	5,184	52	12	
0.50 to <0.75	7,286	7,104	38	9,973	0.62	249	35	2.9	6,295	63	22	
0.75 to <2.50	2,107	1,563	42	2,769	1.41	98	34	2.8	2,244	81	14	
2.50 to <10.00	2,073	1,923	40	2,838	4.14	913	30	2.7	2,801	99	38	
10.00 to <100.00	155	60	60	191	17.53	13	33	1.9	314	164	11	
100.00 (Default)	-	-	-	-	100.00	11	45	2.5	-	-	-	
	39,138	58,373	43	64,360	0.53	2,248	37	2.5	28,294	44	118	69
Sovereign ⁽⁷⁾⁽⁹⁾												
0.50 to <0.75	39	6	40	42	0.74	1	40	1.5	26	62	-	
Banks												
0.00 to <0.15	10,335	2,121	66	11,737	0.07	351	43	1.4	1,993	17	4	
0.15 to <0.25	517	965	30	805	0.17	31	45	1.0	221	27	1	
0.25 to <0.50	2	14	58	11	0.33	12	45	1.5	5	45	-	
0.50 to <0.75	9	90	49	53	0.62	17	41	0.6	26	49	-	
0.75 to <2.50	1	-	-	1	1.41	1	45	0.1	1	100	-	
2.50 to <10.00	3	15	69	13	5.29	32	45	0.8	18	138	-	
10.00 to <100.00	-	-	-	-	38.35	1	45	0.1	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	10,867	3,205	55	12,620	0.08	445	43	1.4	2,264	18	5	4

For footnotes, see page 29.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE (continued) ⁽¹⁾

(\$ millions)	Q2/23											
AIRB approach	a	b	c	d	e	f	g	h	i	j	k	l
PD scale	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁵⁾
Retail portfolios												
Real estate secured personal lending (insured) ⁽⁶⁾												
0.00 to <0.15	46,380	-	n/a	46,380	0.02	32,958	6	n/a	715	2	2	17
0.15 to <0.25	2,719	-	-	2,719	0.17	14,290	25	n/a	342	13	2	-
	49,099	-	n/a	49,099	0.03	47,248	7	n/a	1,057	2	4	17
Real estate secured personal lending (uninsured)												
0.00 to <0.15	111,695	30,626	49	126,842	0.10	488,878	18	n/a	6,185	5	23	
0.15 to <0.25	41,466	43,911	54	65,044	0.17	448,689	23	n/a	6,511	10	29	
0.25 to <0.50	40,311	-	-	40,311	0.37	97,348	19	n/a	5,478	14	29	
0.50 to <0.75	14,574	24	25	14,580	0.73	35,268	21	n/a	3,999	27	26	
0.75 to <2.50	17,067	1,699	35	17,658	1.38	89,329	23	n/a	7,141	40	61	
2.50 to <10.00	6,255	24	49	6,267	5.80	16,946	18	n/a	4,272	68	68	
10.00 to <100.00	565	20	42	574	38.27	2,929	21	n/a	728	127	47	
100.00 (Default)	383	-	-	383	100.00	1,822	21	n/a	427	111	49	
	232,316	76,304	52	271,659	0.63	1,181,209	20	n/a	34,741	13	332	338
Qualifying revolving retail												
0.00 to <0.15	3,407	69,715	69	51,596	0.07	5,446,294	90	n/a	2,130	4	34	
0.15 to <0.25	1,492	11,107	59	8,001	0.23	1,695,510	86	n/a	829	10	16	
0.25 to <0.50	-	1,683	62	1,037	0.40	1,102,428	51	n/a	98	9	2	
0.50 to <0.75	2,195	6,153	60	5,871	0.63	1,084,861	88	n/a	1,362	23	32	
0.75 to <2.50	4,221	2,545	57	5,681	1.56	1,117,360	86	n/a	2,615	46	76	
2.50 to <10.00	5,230	1,820	62	6,349	4.18	1,373,428	87	n/a	5,821	92	229	
10.00 to <100.00	1,010	247	49	1,131	26.40	249,289	87	n/a	2,310	204	260	
100.00 (Default)	54	-	n/a	54	100.00	15,829	77	n/a	40	74	39	
	17,609	93,270	67	79,720	1.01	12,084,999	88	n/a	15,205	19	688	1,179
Other retail												
0.00 to <0.15	508	1,442	82	1,694	0.09	16,335	79	n/a	300	18	1	
0.15 to <0.25	1,238	448	68	1,541	0.18	2,550	21	n/a	132	9	1	
0.25 to <0.50	2,896	249	62	3,051	0.44	195,709	59	n/a	1,193	39	8	
0.50 to <0.75	626	126	60	702	0.67	11,427	78	n/a	461	66	4	
0.75 to <2.50	6,025	114	62	6,096	1.15	159,397	62	n/a	4,066	67	44	
2.50 to <10.00	2,083	41	84	2,118	4.22	65,642	58	n/a	1,792	85	56	
10.00 to <100.00	789	426	52	1,009	65.62	229,143	16	n/a	381	38	64	
100.00 (Default)	62	-	n/a	62	100.00	9,456	69	n/a	94	152	35	
	14,227	2,846	72	16,273	5.57	689,659	57	n/a	8,419	52	213	167
Small and medium enterprises (SME) retail												
0.00 to <0.15	127	724	60	559	0.08	1,851	83	n/a	123	22	-	
0.15 to <0.25	-	-	-	-	-	-	-	n/a	-	-	-	
0.25 to <0.50	343	1,219	53	989	0.43	10,428	72	n/a	477	48	3	
0.50 to <0.75	-	-	-	-	-	-	-	n/a	-	-	-	
0.75 to <2.50	2,256	213	54	2,371	1.32	15,340	68	n/a	1,755	74	21	
2.50 to <10.00	131	76	53	171	4.41	4,838	77	n/a	193	113	6	
10.00 to <100.00	204	26	42	215	20.68	3,653	70	n/a	306	142	31	
100.00 (Default)	38	-	1	38	100.00	1,561	76	n/a	20	53	30	
	3,099	2,258	55	4,343	2.89	37,671	71	n/a	2,874	66	91	78
FIRB approach												
Real estate secured personal lending (insured) ⁽⁶⁾												
0.00 to <0.15	958	-	n/a	958	0.08	1,406	100	n/a	530	55	1	-
Total (all portfolios)	628,920	312,143	57	806,433	0.78	14,091,338	29	2.1	169,137	21	2,462	2,622

For footnotes, see page 31.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE (continued) ⁽¹⁾

(\$ millions)

PD scale	Q1/23											
	a	b	c	d	e	f	g	h	i	i	k	l
Business and government portfolios	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁵⁾
Corporate ⁽⁶⁾												
0.00 to <0.15	27,120	30,315	72	48,935	0.08	2,423	29	2.1	8,971	18	13	
0.15 to <0.25	33,616	39,351	66	59,767	0.20	6,977	37	2.3	22,083	37	44	
0.25 to <0.50	22,255	19,189	62	34,070	0.33	4,878	36	2.2	15,579	46	41	
0.50 to <0.75	36,783	24,514	49	48,720	0.64	4,077	34	2.3	28,043	58	104	
0.75 to <2.50	12,985	7,446	49	16,650	1.38	3,048	36	2.0	12,909	78	83	
2.50 to <10.00	11,478	6,404	47	14,457	4.01	24,846	34	2.3	15,222	105	201	
10.00 to <100.00	1,336	417	51	1,549	23.47	262	45	1.7	3,677	237	170	
100.00 (Default)	604	55	33	622	100.00	574	37	2.3	261	42	259	
	146,177	127,691	62	224,770	1.05	47,085	34	2.2	106,745	47	915	597
Sovereign												
0.00 to <0.15	146,198	16,123	69	157,315	0.02	1,206	7	2.6	2,735	2	3	
0.15 to <0.25	337	173	67	452	0.23	67	28	2.6	124	27	2	
0.25 to <0.50	138	48	67	170	0.33	54	38	2.3	82	48	1	
0.50 to <0.75	176	54	53	204	0.56	42	27	2.9	97	48	1	
0.75 to <2.50	16	3	78	18	1.41	9	6	2.5	3	17	-	
2.50 to <10.00	37	7	66	42	5.55	299	34	1.4	48	114	1	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	146,902	16,408	69	158,201	0.02	1,677	7	2.6	3,089	2	8	1
Banks												
0.00 to <0.15	13,593	68,765	99	81,530	0.05	436	9	0.3	2,294	3	5	
0.15 to <0.25	618	1,514	71	1,700	0.18	47	10	0.9	121	7	-	
0.25 to <0.50	37	120	59	108	0.33	12	28	1.4	34	31	-	
0.50 to <0.75	384	266	95	636	0.61	34	19	0.6	152	24	1	
0.75 to <2.50	140	49	63	170	1.41	9	28	0.9	94	55	1	
2.50 to <10.00	645	24	79	664	6.07	169	11	2.4	275	41	4	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	15,417	70,738	98	84,808	0.11	707	10	0.3	2,970	4	11	1

For footnotes, see page 29.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE (continued) ⁽¹⁾

(\$ millions)

PD scale	Q1/23											
	a	b	c	d	e	f	g	h	i	i	k	l
	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁶⁾
Retail portfolios												
Real estate secured personal lending (insured)												
0.00 to <0.15	51,351	-	n/a	51,351	0.01	253,111	7	n/a	1,070	2	1	
0.15 to <0.25	-	-	-	-	-	-	-	-	-	-	-	-
0.25 to <0.50	-	-	-	-	-	-	-	-	-	-	-	-
0.50 to <0.75	-	-	-	-	-	-	-	-	-	-	-	-
0.75 to <2.50	-	-	-	-	-	-	-	-	-	-	-	-
2.50 to <10.00	-	-	-	-	-	-	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	-
	51,351	-	n/a	51,351	0.01	253,111	7	n/a	1,070	2	1	12
Real estate secured personal lending (uninsured)												
0.00 to <0.15	105,837	30,528	49	120,765	0.10	483,425	18	n/a	5,303	4	21	
0.15 to <0.25	45,143	42,110	53	67,494	0.17	458,072	23	n/a	6,164	9	28	
0.25 to <0.50	40,371	-	-	40,371	0.36	92,353	19	n/a	5,116	13	28	
0.50 to <0.75	19,441	509	26	19,575	0.72	55,003	19	n/a	4,521	23	31	
0.75 to <2.50	14,428	1,266	36	14,884	1.37	72,309	23	n/a	5,929	40	49	
2.50 to <10.00	4,500	10	40	4,504	6.11	12,847	17	n/a	3,022	67	49	
10.00 to <100.00	613	26	38	623	37.64	3,106	20	n/a	775	124	46	
100.00 (Default)	337	31	-	337	100.00	2,031	20	n/a	378	112	40	
	230,670	74,480	51	268,553	0.58	1,179,146	20	n/a	31,208	12	292	273
Qualifying revolving retail												
0.00 to <0.15	2,380	65,865	70	48,636	0.07	5,297,695	90	n/a	1,975	4	29	
0.15 to <0.25	1,616	12,206	57	8,554	0.22	1,563,319	86	n/a	914	11	16	
0.25 to <0.50	-	1,748	62	1,083	0.37	1,176,997	45	n/a	92	8	2	
0.50 to <0.75	2,031	6,319	59	5,737	0.61	1,080,032	87	n/a	1,376	24	30	
0.75 to <2.50	4,667	3,056	61	6,525	1.50	1,390,487	86	n/a	3,106	48	85	
2.50 to <10.00	4,768	1,446	59	5,624	4.04	1,022,524	87	n/a	5,374	96	197	
10.00 to <100.00	895	236	53	1,019	28.39	260,991	86	n/a	2,198	216	245	
100.00 (Default)	51	-	n/a	51	100.00	13,514	80	n/a	53	104	38	
	16,408	90,876	67	77,229	0.98	11,805,559	88	n/a	15,088	20	642	1,278
Other retail ⁽⁷⁾												
0.00 to <0.15	395	2,074	77	1,990	0.07	41,328	82	n/a	367	18	1	
0.15 to <0.25	1,217	494	69	1,556	0.18	9,970	26	n/a	174	11	1	
0.25 to <0.50	3,184	1,564	56	4,054	0.43	230,037	62	n/a	1,743	43	11	
0.50 to <0.75	642	244	57	781	0.64	19,572	80	n/a	543	70	4	
0.75 to <2.50	8,849	421	57	9,092	1.23	211,863	65	n/a	6,847	75	73	
2.50 to <10.00	1,982	106	68	2,054	4.18	50,866	57	n/a	1,815	88	52	
10.00 to <100.00	1,039	441	50	1,258	55.10	254,729	28	n/a	791	63	97	
100.00 (Default)	103	-	n/a	103	100.00	17,763	70	n/a	121	117	67	
	17,411	5,344	65	20,888	4.89	836,128	61	n/a	12,401	59	306	263
Total (all portfolios)	624,336	385,537	60	885,800	0.80	14,123,413	33	n/a	172,571	19	2,175	2,425

For footnotes, see page 31.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE (continued) ⁽¹⁾

(\$ millions)

PD scale	Q4/22											
	a	b	c	d	e	f	g	h	i	i	k	l
	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁵⁾
Business and government portfolios												
Corporate												
0.00 to <0.15	27,398	30,037	70	48,501	0.08	2,351	30	2.2	9,386	19	13	
0.15 to <0.25	40,043	41,011	67	67,499	0.19	6,721	36	2.4	25,139	37	47	
0.25 to <0.50	20,284	17,904	62	31,295	0.33	4,725	37	2.3	14,871	48	38	
0.50 to <0.75	36,207	24,560	48	48,078	0.64	4,115	34	2.3	27,773	58	103	
0.75 to <2.50	13,267	7,815	49	17,131	1.38	3,318	36	2.1	13,162	77	85	
2.50 to <10.00	12,128	6,869	46	15,283	4.10	25,115	33	2.3	15,763	103	211	
10.00 to <100.00	721	272	56	873	23.49	272	42	2.1	1,945	223	89	
100.00 (Default)	563	69	56	602	100.00	662	61	2.0	2,266	376	244	
	150,611	128,537	61	229,262	0.98	47,279	34	2.3	110,305	48	830	539
Sovereign												
0.00 to <0.15	148,494	15,695	69	159,297	0.02	1,144	7	2.4	2,729	2	5	
0.15 to <0.25	189	178	66	307	0.23	59	35	2.3	112	36	1	
0.25 to <0.50	280	45	66	309	0.33	57	25	3.4	100	32	1	
0.50 to <0.75	176	44	53	199	0.55	42	30	2.8	95	48	1	
0.75 to <2.50	20	4	77	23	1.42	13	10	2.2	6	26	1	
2.50 to <10.00	41	8	65	46	3.39	305	34	1.6	45	98	1	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	149,200	15,974	69	160,181	0.02	1,620	7	2.4	3,087	2	10	1
Banks												
0.00 to <0.15	12,506	75,300	99	87,055	0.05	470	9	0.3	2,428	3	5	
0.15 to <0.25	630	1,335	73	1,599	0.18	52	10	0.9	107	7	-	
0.25 to <0.50	39	119	60	111	0.33	16	29	1.6	36	32	-	
0.50 to <0.75	395	388	97	770	0.61	40	17	0.5	166	22	1	
0.75 to <2.50	154	54	64	189	1.41	13	27	0.9	101	53	1	
2.50 to <10.00	427	46	96	472	6.01	169	12	2.3	207	44	3	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	14,151	77,242	98	90,196	0.10	760	9	0.3	3,045	3	10	1

For footnotes, see page 29.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE (continued) ⁽¹⁾

(\$ millions)

PD scale	Q4/22											
	a	b	c	d	e	f	g	h	i	i	k	l
	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁶⁾
Retail portfolios												
Real estate secured personal lending (insured)												
0.00 to <0.15	52,649	-	n/a	52,649	0.01	259,624	7	n/a	1,085	2	1	
0.15 to <0.25	-	-	-	-	-	-	-	-	-	-	-	-
0.25 to <0.50	-	-	-	-	-	-	-	-	-	-	-	-
0.50 to <0.75	-	-	-	-	-	-	-	-	-	-	-	-
0.75 to <2.50	-	-	-	-	-	-	-	-	-	-	-	-
2.50 to <10.00	-	-	-	-	-	-	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	-
	52,649	-	n/a	52,649	0.01	259,624	7	n/a	1,085	2	1	13
Real estate secured personal lending (uninsured)												
0.00 to <0.15	107,072	30,054	48	121,608	0.10	483,535	18	n/a	5,272	4	21	
0.15 to <0.25	46,570	42,258	54	69,468	0.17	458,813	22	n/a	6,157	9	28	
0.25 to <0.50	39,727	-	-	39,727	0.36	90,006	18	n/a	4,953	12	27	
0.50 to <0.75	17,368	510	26	17,501	0.72	52,866	18	n/a	3,802	22	26	
0.75 to <2.50	13,489	1,270	36	13,948	1.37	69,925	22	n/a	5,476	39	45	
2.50 to <10.00	3,789	7	43	3,792	6.07	11,668	16	n/a	2,396	63	39	
10.00 to <100.00	578	23	39	587	37.81	2,883	20	n/a	692	118	40	
100.00 (Default)	276	30	-	276	100.00	1,831	20	n/a	292	106	35	
	228,869	74,152	51	266,907	0.53	1,171,527	19	n/a	29,040	11	261	218
Qualifying revolving retail												
0.00 to <0.15	2,815	63,635	70	47,309	0.07	5,106,529	90	n/a	1,920	4	28	
0.15 to <0.25	1,707	11,950	57	8,473	0.22	1,515,513	86	n/a	906	11	16	
0.25 to <0.50	-	1,755	62	1,088	0.37	1,164,581	45	n/a	92	8	2	
0.50 to <0.75	2,346	6,347	58	6,016	0.61	1,095,577	87	n/a	1,439	24	32	
0.75 to <2.50	5,364	3,037	61	7,212	1.50	1,388,153	87	n/a	3,444	48	94	
2.50 to <10.00	4,878	1,487	57	5,733	3.99	997,609	88	n/a	5,444	95	199	
10.00 to <100.00	877	242	51	1,002	30.00	253,633	86	n/a	2,177	217	254	
100.00 (Default)	47	-	n/a	47	100.00	14,054	77	n/a	45	96	34	
	18,034	88,453	67	76,880	1.01	11,535,649	88	n/a	15,467	20	659	1,303
Other retail ⁽⁷⁾												
0.00 to <0.15	368	1,983	76	1,877	0.07	42,591	83	n/a	344	18	1	
0.15 to <0.25	1,268	452	70	1,585	0.18	9,827	24	n/a	164	10	1	
0.25 to <0.50	5,121	1,569	56	6,003	0.31	225,286	67	n/a	2,271	38	12	
0.50 to <0.75	601	254	59	752	0.65	37,394	81	n/a	537	71	4	
0.75 to <2.50	6,878	384	58	7,101	1.40	180,319	70	n/a	5,964	84	69	
2.50 to <10.00	2,181	106	65	2,250	3.95	115,252	57	n/a	1,948	87	52	
10.00 to <100.00	1,001	422	48	1,203	57.59	261,710	27	n/a	689	57	94	
100.00 (Default)	101	-	n/a	101	100.00	17,507	73	n/a	149	148	65	
	17,519	5,170	65	20,872	4.84	889,886	63	n/a	12,066	58	298	272
Total (all portfolios)	631,033	389,528	60	896,947	0.77	13,906,345	33	n/a	174,095	19	2,069	2,347

For footnotes, see page 31.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE (continued) ⁽¹⁾

(\$ millions)

PD scale	Q3/22											
	a	b	c	d	e	f	g	h	i	i	k	l
Business and government portfolios	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁵⁾
Corporate												
0.00 to <0.15	24,952	27,848	71	44,674	0.08	2,312	30	2.2	8,677	19	12	
0.15 to <0.25	38,512	42,833	67	67,079	0.19	6,224	36	2.5	25,132	37	46	
0.25 to <0.50	18,665	17,046	61	29,070	0.33	4,536	37	2.3	13,687	47	35	
0.50 to <0.75	34,487	23,390	49	45,890	0.64	4,200	34	2.3	26,412	58	98	
0.75 to <2.50	13,189	7,758	50	17,039	1.38	3,761	36	2.1	12,920	76	84	
2.50 to <10.00	11,036	6,437	47	14,051	4.16	23,631	33	2.4	14,495	103	195	
10.00 to <100.00	696	209	55	812	23.19	275	41	1.7	1,734	214	77	
100.00 (Default)	579	72	59	622	100.00	647	62	1.7	2,202	354	265	
	142,116	125,593	61	219,237	0.99	45,586	34	2.3	105,259	48	812	567
Sovereign												
0.00 to <0.15	129,481	15,507	69	140,135	0.02	1,169	7	2.7	2,591	2	5	
0.15 to <0.25	291	189	66	415	0.23	58	32	2.1	132	32	1	
0.25 to <0.50	352	55	69	390	0.33	58	24	2.2	98	25	1	
0.50 to <0.75	89	48	52	114	0.56	42	47	2.0	81	71	1	
0.75 to <2.50	13	3	78	16	1.42	16	17	2.2	6	38	-	
2.50 to <10.00	45	11	68	52	3.09	300	27	1.6	36	69	1	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	130,271	15,813	69	141,122	0.02	1,643	8	2.7	2,944	2	9	1
Banks												
0.00 to <0.15	12,929	72,785	99	85,005	0.05	463	9	0.3	2,399	3	5	
0.15 to <0.25	495	1,573	76	1,684	0.17	43	7	1.0	74	4	-	
0.25 to <0.50	6	53	63	39	0.33	14	18	0.9	7	18	-	
0.50 to <0.75	581	435	89	969	0.63	39	19	0.8	249	26	1	
0.75 to <2.50	118	17	32	123	1.41	12	36	1.3	94	76	1	
2.50 to <10.00	479	74	77	536	6.06	186	13	2.3	246	46	4	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	14,608	74,937	98	88,356	0.10	757	10	0.3	3,069	3	11	1

For footnotes, see page 29.

CR6: IRB - CREDIT RISK EXPOSURES BY PORTFOLIO AND PD RANGE (continued) ⁽¹⁾

(\$ millions)

PD scale	Q3/22											
	a	b	c	d	e	f	g	h	i	i	k	l
	Original on-balance sheet gross exposure	Off-balance sheet exposures pre CCF	Average CCF %	EAD post CRM and post-CCF	Average PD %	Number of obligors ⁽²⁾	Average LGD %	Average maturity ⁽³⁾	RWA ⁽⁴⁾	RWA density %	Expected losses ⁽⁵⁾	Provisions ⁽⁶⁾
Retail portfolios												
Real estate secured personal lending (insured)												
0.00 to <0.15	53,988	-	n/a	53,988	0.01	267,440	7	n/a	1,102	2	1	
0.15 to <0.25	-	-	-	-	-	-	-	-	-	-	-	-
0.25 to <0.50	-	-	-	-	-	-	-	-	-	-	-	-
0.50 to <0.75	-	-	-	-	-	-	-	-	-	-	-	-
0.75 to <2.50	-	-	-	-	-	-	-	-	-	-	-	-
2.50 to <10.00	-	-	-	-	-	-	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	-
	53,988	-	n/a	53,988	0.01	267,440	7	n/a	1,102	2	1	19
Real estate secured personal lending (uninsured)												
0.00 to <0.15	106,657	29,869	48	121,086	0.10	483,805	18	n/a	5,165	4	21	
0.15 to <0.25	50,442	42,978	55	74,128	0.17	469,306	21	n/a	6,316	9	28	
0.25 to <0.50	37,922	-	-	37,922	0.36	86,276	17	n/a	4,590	12	25	
0.50 to <0.75	13,539	517	26	13,675	0.72	45,016	17	n/a	2,754	20	19	
0.75 to <2.50	12,445	1,204	37	12,885	1.37	66,884	21	n/a	4,922	38	40	
2.50 to <10.00	3,357	8	50	3,361	6.03	10,861	16	n/a	2,073	62	33	
10.00 to <100.00	533	20	40	541	38.09	2,626	19	n/a	608	112	37	
100.00 (Default)	263	30	-	263	100.00	1,754	20	n/a	291	111	33	
	225,158	74,626	52	263,861	0.50	1,166,528	19	n/a	26,719	10	236	237
Qualifying revolving retail												
0.00 to <0.15	1,407	57,962	71	42,783	0.05	4,776,524	90	n/a	1,424	3	20	
0.15 to <0.25	2,945	15,047	56	11,377	0.20	1,640,293	85	n/a	1,082	10	19	
0.25 to <0.50	-	1,778	62	1,101	0.37	1,171,811	45	n/a	93	8	2	
0.50 to <0.75	2,103	6,028	58	5,602	0.58	1,036,411	86	n/a	1,280	23	28	
0.75 to <2.50	5,039	4,145	67	7,806	1.40	1,431,553	86	n/a	3,486	45	93	
2.50 to <10.00	4,806	1,389	60	5,636	4.04	933,545	87	n/a	5,358	95	197	
10.00 to <100.00	692	248	48	812	32.27	222,848	87	n/a	1,865	230	227	
100.00 (Default)	39	-	n/a	39	100.00	12,599	82	n/a	26	67	30	
	17,031	86,597	67	75,156	0.96	11,225,584	88	n/a	14,614	19	616	1,230
Other retail ⁽⁷⁾												
0.00 to <0.15	268	1,655	80	1,596	0.05	44,076	79	n/a	230	14	1	
0.15 to <0.25	1,546	711	58	1,958	0.18	11,973	31	n/a	250	13	1	
0.25 to <0.50	4,919	763	59	5,368	0.29	209,397	68	n/a	1,988	37	11	
0.50 to <0.75	857	1,042	58	1,460	0.66	49,041	70	n/a	900	62	7	
0.75 to <2.50	6,525	306	62	6,714	1.24	169,528	69	n/a	5,323	79	57	
2.50 to <10.00	2,201	96	75	2,273	4.01	115,295	56	n/a	1,951	86	53	
10.00 to <100.00	933	407	47	1,126	60.72	221,769	24	n/a	586	52	89	
100.00 (Default)	86	-	n/a	86	100.00	15,263	72	n/a	120	140	56	
	17,335	4,980	65	20,581	4.73	836,342	62	n/a	11,348	55	275	148
Total (all portfolios)	600,507	382,546	60	862,301	0.73	13,543,880	32	n/a	165,055	19	1,960	2,203

For footnotes, see page 31.

CR10: IRB (SPECIALIZED LENDING AND EQUITIES UNDER THE SIMPLE RISK-WEIGHT METHOD) ⁽¹⁾

(\$ millions)		Q3/23									
		Specialized lending									
		Other than high-volatility commercial real estate (HVCRE) ⁽²⁾									
Regulatory categories	Remaining maturity	On-balance sheet amount	Off-balance sheet amount	Risk-weight %	Exposure amount				Total	RWA	Expected losses
					Project finance	Object finance	Commodities finance	Income-producing real estate			
Strong	Less than 2.5 years	-	-	50	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	179	-	70	-	-	-	179	179	126	1
Good	Less than 2.5 years	-	-	70	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	75	-	90	-	-	-	75	75	67	1
Satisfactory		42	-	115	-	-	-	42	42	48	1
Weak		2	-	250	-	-	-	2	2	5	-
Default		-	-	-	-	-	-	-	-	-	-
Total		298	-	-	-	-	-	298	298	246	3

(\$ millions)		Q2/23									
		Specialized lending									
		Other than HVCRE ⁽²⁾									
Regulatory categories	Remaining maturity	On-balance sheet amount	Off-balance sheet amount	Risk-weight %	Exposure amount				Total	RWA	Expected losses
					Project finance	Object finance	Commodities finance	Income-producing real estate			
Strong	Less than 2.5 years	-	-	50	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	177	-	70	-	-	-	177	177	124	2
Good	Less than 2.5 years	-	-	70	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	49	-	90	-	-	-	49	49	44	-
Satisfactory		14	-	115	-	-	-	14	14	16	-
Weak		2	-	250	-	-	-	2	2	5	-
Default		-	-	-	-	-	-	-	-	-	-
Total		242	-	-	-	-	-	242	242	189	2

(\$ millions)		Q1/23									
		Specialized lending									
		Other than HVCRE ⁽²⁾									
Regulatory categories	Remaining maturity	On-balance sheet amount	Off-balance sheet amount	Risk-weight %	Exposure amount				Total	RWA	Expected losses
					Project finance	Object finance	Commodities finance	Income-producing real estate			
Strong	Less than 2.5 years	-	-	50	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	206	1	70	-	-	-	207	207	153	1
Good	Less than 2.5 years	-	-	70	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	70	-	90	-	-	-	70	70	67	1
Satisfactory		17	-	115	-	-	-	17	17	21	-
Weak		2	-	250	-	-	-	2	2	6	-
Default		-	-	-	-	-	-	-	-	-	-
Total		295	1	-	-	-	-	296	296	247	2

(1) CIBC has no exposures to HVCRE or to equities under the simple risk-weight approach.

(2) Comprises certain commercial loans that are risk-weighted under the supervisory slotting approach.

CR10: IRB (SPECIALIZED LENDING AND EQUITIES UNDER THE SIMPLE RISK-WEIGHT METHOD) (continued) ⁽¹⁾

(\$ millions)		Q4/22									
		Specialized lending									
		Other than HVCRE ⁽²⁾									
Regulatory categories	Remaining maturity	On-balance sheet amount	Off-balance sheet amount	Risk weight %	Exposure amount				Total	RWA	Expected losses
					Project finance	Object finance	Commodities finance	Income-producing real estate			
Strong	Less than 2.5 years	-	-	50	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	606	-	70	-	-	-	606	606	451	2
Good	Less than 2.5 years	-	-	70	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	105	-	90	-	-	-	105	105	100	1
Satisfactory		39	-	115	-	-	-	39	39	47	1
Weak		-	-	250	-	-	-	-	-	-	-
Default		-	-	-	-	-	-	-	-	-	-
Total		750	-		-	-	-	750	750	598	4

(\$ millions)		Q3/22									
		Specialized lending									
		Other than HVCRE ⁽²⁾									
Regulatory categories	Remaining maturity	On-balance sheet amount	Off-balance sheet amount	Risk weight %	Exposure amount				Total	RWA	Expected losses
					Project finance	Object finance	Commodities finance	Income-producing real estate			
Strong	Less than 2.5 years	-	-	50	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	517	2	70	-	-	-	518	518	384	2
Good	Less than 2.5 years	-	-	70	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	123	-	90	-	-	-	123	123	117	1
Satisfactory		29	-	115	-	-	-	29	29	36	1
Weak		-	-	250	-	-	-	-	-	-	-
Default		-	-	-	-	-	-	-	-	-	-
Total		669	2		-	-	-	670	670	537	4

For footnotes, see page 41.

CCR1: ANALYSIS OF COUNTERPARTY CREDIT RISK EXPOSURE BY APPROACH (1)

(\$ millions)

	Q3/23					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	Effective expected positive exposure	Alpha used for computing regulatory EAD	EAD post-CRM	RWA
1 SA-CCR (for derivatives)	76	706		1.4	1,092	413
2 IMM (for derivatives and SFTs)			11,468	1.4	15,975	5,006
3 Simple Approach for CRM (for SFTs)					-	-
4 Comprehensive Approach for CRM (for SFTs)					12,966	2,591
5 VaR for SFTs					-	-
6 Total						8,010

(\$ millions)

	Q2/23					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	Effective expected positive exposure	Alpha used for computing regulatory EAD	EAD post-CRM	RWA
1 SA-CCR (for derivatives)	75	719		1.4	1,107	410
2 IMM (for derivatives and SFTs)			12,023	1.4	16,726	5,598
3 Simple Approach for CRM (for SFTs)					-	-
4 Comprehensive Approach for CRM (for SFTs)					14,227	2,700
5 VaR for SFTs					-	-
6 Total						8,708

(\$ millions)

	Q1/23					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	Effective expected positive exposure	Alpha used for computing regulatory EAD	EAD post-CRM	RWA
1 SA-CCR (for derivatives)	118	622		1.4	1,031	372
2 IMM (for derivatives and SFTs)			11,934	1.4	16,606	4,551
3 Simple Approach for CRM (for SFTs)					-	-
4 Comprehensive Approach for CRM (for SFTs)					17,727	3,769
5 VaR for SFTs					-	-
6 Total						8,692

(1) Excludes RWA relating to CVA charges and exposures and RWA arising from transactions cleared through QCCPs.

CCR1: ANALYSIS OF COUNTERPARTY CREDIT RISK EXPOSURE BY APPROACH (continued) ⁽¹⁾

(\$ millions)

	Q4/22					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	Effective expected positive exposure	Alpha used for computing regulatory EAD	EAD post-CRM	RWA
1 SA-CCR (for derivatives)	363	724	14,701	1.4	1,517	488
2 IMM (for derivatives and SFTs)			14,701	1.4	20,450	5,863
3 Simple Approach for CRM (for SFTs)					-	-
4 Comprehensive Approach for CRM (for SFTs)					18,578	3,827
5 VaR for SFTs					-	-
6 Total					-	10,178

(\$ millions)

	Q3/22					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	Effective expected positive exposure	Alpha used for computing regulatory EAD	EAD post-CRM	RWA
1 SA-CCR (for derivatives)	149	664	15,998	1.4	1,134	382
2 IMM (for derivatives and SFTs)			15,998	1.4	22,259	6,363
3 Simple Approach for CRM (for SFTs)					-	-
4 Comprehensive Approach for CRM (for SFTs)					17,358	3,280
5 VaR for SFTs					-	-
6 Total					-	10,025

For footnotes, see page 43.

CCR2: CVA CAPITAL CHARGE

(\$ millions)

	Q3/23		Q2/23		Q1/23	
	a	b	a	b	a	b
	EAD		EAD		EAD	
Total portfolios subject to the Advanced CVA capital charge	post-CRM	RWA	post-CRM	RWA	post-CRM	RWA
1 (i) VaR component (including the 3×multiplier)		-		-		-
2 (ii) Stressed VaR component (including the 3×multiplier)		-		-		-
3 All portfolios subject to the Standardized CVA capital charge	16,788	5,911	17,551	6,186	17,349	5,163
4 Total subject to the CVA capital charge	16,788	5,911	17,551	6,186	17,349	5,163

(\$ millions)

	Q4/22		Q3/22	
	a	b	a	b
	EAD		EAD	
Total portfolios subject to the Advanced CVA capital charge	post-CRM	RWA	post-CRM	RWA
1 (i) VaR component (including the 3×multiplier)		-		-
2 (ii) Stressed VaR component (including the 3×multiplier)		-		-
3 All portfolios subject to the Standardized CVA capital charge	21,541	6,696	23,094	8,442
4 Total subject to the CVA capital charge	21,541	6,696	23,094	8,442

CCR3: SA - COUNTERPARTY CREDIT RISK EXPOSURES BY REGULATORY PORTFOLIO AND RISK-WEIGHTS ⁽¹⁾

(\$ millions)

	Q3/23													Total credit exposure		
	a	b	c	d	e	f	g		h	i	j	k	l		m	n
	Risk weight															
Regulatory portfolio	0%	10%	20%	30%	40%	50%	75%	80%	85%	100%	130%	150%	Others			
Sovereigns	-	-	-		-	-	-		-	-	-	-	-	-		
PSEs	-	-	-		-	-	-		-	-	-	-	-	-		
Multilateral development banks	-	-	-		-	-	-		-	-	-	-	-	-		
Banks	-	-	-	1	-	2	-		-	9	-	-	-	12		
Securities firms and other financial institutions treated as Banks	-	-	-	-	-	-	-		-	-	-	-	-	-		
Corporates	-	-	-		-	-	-	-	-	72	-	1	-	73		
Of which: specialized lending	-	-	-		-	-	-	-	-	-	-	-	-	-		
Securities firms and other financial institutions treated as Corporate	-	-	-		-	-	-		-	71	-	-	-	71		
Regulatory retail portfolios	-	-	-		-	-	-		-	-	-	-	-	-		
Other assets	-	-	-		-	-	-		-	-	-	-	-	-		
Total	-	-	-	1	-	2	-	-	-	152	-	1	-	156		

(\$ millions)

	Q2/23													Total credit exposure		
	a	b	c	d	e	f	g		h	i	j	k	l		m	n
	Risk weight															
Regulatory portfolio	0%	10%	20%	30%	40%	50%	75%	80%	85%	100%	130%	150%	Others			
Sovereigns	-	-	-		-	-	-		-	-	-	-	-	-		
PSEs	-	-	-		-	-	-		-	-	-	-	-	-		
Multilateral development banks	-	-	-		-	-	-		-	-	-	-	-	-		
Banks	-	-	-	-	-	1	-		-	10	-	-	-	11		
Securities firms and other financial institutions treated as Banks	-	-	-	-	-	-	-		-	-	-	-	-	-		
Corporates	-	-	-		-	1	-	-	-	111	-	2	-	114		
Of which: specialized lending	-	-	-		-	-	-	-	-	-	-	-	-	-		
Securities firms and other financial institutions treated as Corporate	-	-	-		-	-	-		-	50	-	-	-	50		
Regulatory retail portfolios	-	-	-		-	-	-		-	-	-	-	-	-		
Other assets	-	-	-		-	-	-		-	-	-	-	-	-		
Total	-	-	-	-	-	2	-	-	-	171	-	2	-	175		

(1) Amounts are calculated after taking into account the effect of credit mitigation strategies.

CCR3: SA - COUNTERPARTY CREDIT RISK EXPOSURES BY REGULATORY PORTFOLIO AND RISK-WEIGHTS (continued) ⁽¹⁾

(\$ millions)

	Q1/23								
	a	b	c	d	e	f	g	h	i
	Risk weight								
	0%	10%	20%	50%	75%	100%	150%	Others	
Regulatory portfolio									
Sovereigns	-	-	-	-	-	-	-	-	-
Non-central government PSEs	-	-	-	-	-	-	-	-	-
Multilateral development banks	-	-	-	-	-	-	-	-	-
Banks	-	-	12	-	-	-	-	-	12
Securities firms	-	-	-	-	-	-	-	-	-
Corporates	-	-	-	-	-	124	1	-	125
Regulatory retail portfolios	-	-	-	-	-	-	-	-	-
Other assets	-	-	-	-	-	-	-	-	-
Total	-	-	12	-	-	124	1	-	137

(\$ millions)

	Q4/22								
	a	b	c	d	e	f	g	h	i
	Risk weight								
	0%	10%	20%	50%	75%	100%	150%	Others	
Regulatory portfolio									
Sovereigns	-	-	-	-	-	-	-	-	-
Non-central government PSEs	-	-	-	-	-	-	-	-	-
Multilateral development banks	-	-	-	-	-	-	-	-	-
Banks	-	-	12	-	-	-	-	-	12
Securities firms	-	-	-	-	-	-	-	-	-
Corporates	-	-	-	-	-	96	2	-	98
Regulatory retail portfolios	-	-	-	-	-	-	-	-	-
Other assets	-	-	-	-	-	-	-	-	-
Total	-	-	12	-	-	96	2	-	110

(\$ millions)

	Q3/22								
	a	b	c	d	e	f	g	h	i
	Risk weight								
	0%	10%	20%	50%	75%	100%	150%	Others	
Regulatory portfolio									
Sovereigns	-	-	-	-	-	-	-	-	-
Non-central government PSEs	-	-	-	-	-	-	-	-	-
Multilateral development banks	-	-	-	-	-	-	-	-	-
Banks	-	-	13	-	-	-	-	-	13
Securities firms	-	-	-	-	-	-	-	-	-
Corporates	-	-	-	-	-	145	3	-	148
Regulatory retail portfolios	-	-	-	-	-	-	-	-	-
Other assets	-	-	-	-	-	-	-	-	-
Total	-	-	13	-	-	145	3	-	161

For footnotes, see page 46.

CCR4: IRB - COUNTERPARTY CREDIT RISK EXPOSURES BY PORTFOLIO AND PD SCALE

(\$ millions)

AIRB approach

PD scale

Corporate

	Q3/23						
	a	b	c	d	e	f	g
	EAD post-CRM	Average PD %	Number of obligors ⁽¹⁾	Average LGD %	Average maturity ⁽²⁾	RWA	RWA density %
0.00 to <0.15	593	0.09	136	34	0.8	82	14
0.15 to <0.25	616	0.17	272	19	5.0	124	20
0.25 to <0.50	241	0.33	180	27	4.2	87	36
0.50 to <0.75	279	0.67	390	31	2.1	151	54
0.75 to <2.50	248	1.41	131	18	1.3	92	37
2.50 to <10.00	177	3.39	146	26	1.0	135	76
10.00 to <100.00	13	17.53	7	27	1.9	18	138
100.00 (Default)	-	100.00	2	19	-	1	235
	2,167	0.75	1,264	26	2.6	690	32

Sovereign

0.00 to <0.15	3,159	0.03	120	17	2.3	120	4
0.15 to <0.25	73	0.23	12	41	-	21	29
0.25 to <0.50	66	0.33	8	40	0.1	18	27
0.50 to <0.75	1	0.57	7	22	2.6	-	36
0.75 to <2.50	-	1.41	1	55	-	-	103
2.50 to <10.00	-	6.08	2	40	-	-	129
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	3,299	0.04	150	18	2.2	159	5

Banks ⁽³⁾

0.00 to <0.15	47	0.03	7	19	-	2	4
0.15 to <0.25	2	0.23	2	46	-	1	50
0.25 to <0.50	2	0.33	2	40	-	1	50
0.50 to <0.75	-	-	-	-	-	-	-
0.75 to <2.50	2	1.41	1	45	-	1	50
2.50 to <10.00	-	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	53	0.09	12	22	-	5	9

(1) In certain circumstances where a full guarantee from a third-party exists, the credit rating of both the obligor and the guarantor will be assessed, and the better credit rating will be applied. In situations where an obligor has multiple outstanding exposures, those exposures without a guarantee reflect the PD of the obligor, whereas guaranteed exposures may reflect the PD of the third-party guarantor. In such situations, the obligor will appear twice, in both PD bands.

(2) Denoted in years.

(3) Exposures are classified based on borrowers pre-CRM and the related RWAs are calculated on a post-CRM basis using the AIRB approach.

(4) Beginning in Q2/23, items which have zero balances have not been presented.

(5) Exposures are classified based on borrowers pre-CRM and the related RWAs are calculated on a post-CRM basis using the FIRB approach.

CCR4: IRB - COUNTERPARTY CREDIT RISK EXPOSURES BY PORTFOLIO AND PD SCALE (continued)

(\$ millions)

FIRB approach

PD scale

Corporate

0.00 to <0.15

0.15 to <0.25

0.25 to <0.50

0.50 to <0.75

0.75 to <2.50

2.50 to <10.00

10.00 to <100.00

100.00 (Default)

Sovereign ⁽⁴⁾⁽⁵⁾

0.00 to <0.15

Banks

0.00 to <0.15

0.15 to <0.25

0.25 to <0.50

0.50 to <0.75

0.75 to <2.50

2.50 to <10.00

10.00 to <100.00

100.00 (Default)

Total (all portfolios)

	Q3/23						
	a	b	c	d	e	f	g
	EAD post-CRM	Average PD %	Number of obligors ⁽¹⁾	Average LGD %	Average maturity ⁽²⁾	RWA	RWA density %
Corporate							
0.00 to <0.15	9,255	0.08	892	45	0.5	1,400	15
0.15 to <0.25	2,513	0.20	634	43	0.7	868	35
0.25 to <0.50	792	0.33	201	42	0.7	386	49
0.50 to <0.75	2,113	0.61	775	41	0.3	1,203	57
0.75 to <2.50	674	1.41	447	33	0.5	485	72
2.50 to <10.00	658	4.06	669	33	0.7	645	98
10.00 to <100.00	7	17.88	64	43	0.1	16	229
100.00 (Default)	-	-	-	-	-	-	-
	16,012	0.41	3,682	43	0.5	5,003	31
Sovereign ⁽⁴⁾⁽⁵⁾							
0.00 to <0.15	61	0.06	4	45	0.3	5	8
Banks							
0.00 to <0.15	7,227	0.06	132	45	1.0	1,510	21
0.15 to <0.25	882	0.21	56	45	1.2	349	40
0.25 to <0.50	108	0.33	17	43	5.6	71	66
0.50 to <0.75	45	0.66	14	45	0.3	32	71
0.75 to <2.50	4	1.41	6	45	-	4	100
2.50 to <10.00	17	3.35	13	45	-	23	135
10.00 to <100.00	2	17.53	5	45	-	4	200
100.00 (Default)	-	-	-	-	-	-	-
	8,285	0.10	243	45	1.1	1,993	24
Total (all portfolios)	29,877	0.31	5,355	39	1.1	7,855	26

For footnotes, see page 48.

CCR4: IRB - COUNTERPARTY CREDIT RISK EXPOSURES BY PORTFOLIO AND PD SCALE (continued)

(\$ millions)

AIRB approach

PD scale

Corporate

	Q2/23						
	a	b	c	d	e	f	g
	EAD post-CRM	Average PD %	Number of obligors ⁽¹⁾	Average LGD %	Average maturity ⁽²⁾	RWA	RWA density %
0.00 to <0.15	831	0.09	197	36	1.2	139	17
0.15 to <0.25	928	0.18	340	26	3.6	226	24
0.25 to <0.50	458	0.33	235	38	3.6	246	54
0.50 to <0.75	483	0.66	481	31	2.3	267	55
0.75 to <2.50	350	1.41	181	24	1.5	178	51
2.50 to <10.00	281	3.40	183	25	0.9	201	72
10.00 to <100.00	18	18.16	9	27	2.1	26	144
100.00 (Default)	-	100.00	2	25	-	-	312
	3,349	0.75	1,628	31	2.4	1,283	38

Sovereign

0.00 to <0.15	3,292	0.03	123	17	2.7	115	3
0.15 to <0.25	80	0.23	12	38	0.2	22	28
0.25 to <0.50	108	0.33	7	40	0.2	30	28
0.50 to <0.75	3	0.57	8	28	2.8	1	33
0.75 to <2.50	-	-	-	-	-	-	-
2.50 to <10.00	2	6.07	5	40	-	3	150
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	3,485	0.05	155	19	2.6	171	5

Banks ⁽³⁾

0.00 to <0.15	71	0.03	7	22	-	4	6
0.15 to <0.25	2	0.23	2	35	-	-	26
0.25 to <0.50	2	0.33	2	40	-	1	37
0.50 to <0.75	-	-	-	-	-	-	-
0.75 to <2.50	1	1.41	1	40	-	-	75
2.50 to <10.00	-	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	76	0.06	12	23	-	5	7

For footnotes, see page 48.

CCR4: IRB - COUNTERPARTY CREDIT RISK EXPOSURES BY PORTFOLIO AND PD SCALE (continued)

(\$ millions)

FIRB approach

PD scale

Corporate

0.00 to <0.15

0.15 to <0.25

0.25 to <0.50

0.50 to <0.75

0.75 to <2.50

2.50 to <10.00

10.00 to <100.00

100.00 (Default)

Sovereign ⁽⁴⁾⁽⁵⁾

0.00 to <0.15

Banks

0.00 to <0.15

0.15 to <0.25

0.25 to <0.50

0.50 to <0.75

0.75 to <2.50

2.50 to <10.00

10.00 to <100.00

100.00 (Default)

Total (all portfolios)

	Q2/23						
	a	b	c	d	e	f	g
	EAD post-CRM	Average PD %	Number of obligors ⁽¹⁾	Average LGD %	Average maturity ⁽²⁾	RWA	RWA density %
Corporate							
0.00 to <0.15	9,647	0.08	864	45	0.4	1,385	14
0.15 to <0.25	2,798	0.19	636	44	0.6	925	33
0.25 to <0.50	745	0.33	189	42	0.5	357	48
0.50 to <0.75	1,958	0.61	755	41	0.3	1,115	57
0.75 to <2.50	807	1.41	422	37	0.4	640	79
2.50 to <10.00	669	4.30	650	33	0.8	678	101
10.00 to <100.00	8	17.53	52	42	-	17	213
100.00 (Default)	-	-	-	-	-	-	-
	16,632	0.41	3,568	43	0.4	5,117	31
Sovereign ⁽⁴⁾⁽⁵⁾							
0.00 to <0.15	64	0.06	4	45	-	4	6
Banks							
0.00 to <0.15	7,335	0.06	138	45	1.0	1,488	20
0.15 to <0.25	768	0.21	50	45	1.2	316	41
0.25 to <0.50	104	0.33	17	43	6.1	70	67
0.50 to <0.75	33	0.65	16	45	0.4	24	73
0.75 to <2.50	10	1.41	8	45	-	10	100
2.50 to <10.00	25	3.69	17	45	-	34	136
10.00 to <100.00	4	17.53	15	45	-	11	275
100.00 (Default)	-	-	-	-	-	-	-
	8,279	0.10	261	45	1.1	1,953	24
Total (all portfolios)	31,885	0.33	5,628	40	1.1	8,533	27

For footnotes, see page 48.

CCR4: IRB - COUNTERPARTY CREDIT RISK EXPOSURES BY PORTFOLIO AND PD SCALE (continued)

(\$ millions)

PD scale	Q1/23						
	a EAD post-CRM	b Average PD %	c Number of obligors ⁽¹⁾	d Average LGD %	e Average maturity ⁽²⁾	f RWA	g RWA density %
Corporate							
0.00 to <0.15	9,416	0.08	1,090	25	0.5	885	9
0.15 to <0.25	3,948	0.20	1,077	33	1.3	1,093	28
0.25 to <0.50	1,175	0.33	441	32	1.6	502	43
0.50 to <0.75	3,613	0.62	1,336	35	0.4	1,867	52
0.75 to <2.50	1,343	1.41	686	27	0.6	820	61
2.50 to <10.00	1,205	3.73	993	27	0.6	1,029	85
10.00 to <100.00	28	17.53	130	21	1.6	32	114
100.00 (Default)	-	-	-	-	-	-	-
	20,728	0.53	5,753	29	0.7	6,228	30
Sovereign							
0.00 to <0.15	3,586	0.03	127	16	2.5	119	3
0.15 to <0.25	83	0.23	12	29	0.2	18	22
0.25 to <0.50	131	0.33	6	40	0.1	39	30
0.50 to <0.75	2	0.54	7	15	2.9	1	50
0.75 to <2.50	-	-	-	-	-	-	-
2.50 to <10.00	2	6.07	8	40	-	3	150
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	3,804	0.05	160	17	2.4	180	5
Banks							
0.00 to <0.15	9,252	0.06	168	39	0.8	1,516	16
0.15 to <0.25	783	0.18	63	41	2.0	295	38
0.25 to <0.50	30	0.33	20	40	0.3	15	50
0.50 to <0.75	612	0.70	35	40	-	307	50
0.75 to <2.50	8	1.41	10	43	-	8	100
2.50 to <10.00	9	5.23	53	40	-	12	133
10.00 to <100.00	1	17.53	12	46	-	3	300
100.00 (Default)	-	-	-	-	-	-	-
	10,695	0.12	361	39	0.9	2,156	20
Total (all portfolios)	35,227	0.35	6,274	31	0.9	8,564	24

For footnotes, see page 48.

CCR4: IRB - COUNTERPARTY CREDIT RISK EXPOSURES BY PORTFOLIO AND PD SCALE (continued)

(\$ millions)

PD scale	Q4/22						
	a EAD post-CRM	b Average PD %	c Number of obligors ⁽¹⁾	d Average LGD %	e Average maturity ⁽²⁾	f RWA	g RWA density %
Corporate							
0.00 to <0.15	9,805	0.08	1,095	23	0.4	881	9
0.15 to <0.25	4,367	0.20	1,047	34	1.0	1,216	28
0.25 to <0.50	1,372	0.33	434	36	1.1	580	42
0.50 to <0.75	4,713	0.64	1,281	34	0.4	2,384	51
0.75 to <2.50	2,439	1.41	695	23	0.8	1,262	52
2.50 to <10.00	2,077	3.23	1,110	19	1.1	1,203	58
10.00 to <100.00	224	18.50	133	15	1.1	177	79
100.00 (Default)	-	-	-	-	-	-	-
	24,997	0.78	5,795	27	0.6	7,703	31
Sovereign							
0.00 to <0.15	4,068	0.02	127	13	2.3	92	2
0.15 to <0.25	59	0.23	9	31	0.3	14	24
0.25 to <0.50	62	0.33	5	40	0.1	18	29
0.50 to <0.75	4	0.54	7	32	0.9	1	25
0.75 to <2.50	-	-	-	-	-	-	-
2.50 to <10.00	1	6.00	9	40	-	1	100
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	4,194	0.03	157	13	2.3	126	3
Banks							
0.00 to <0.15	9,725	0.06	176	40	0.9	1,569	16
0.15 to <0.25	938	0.18	61	41	1.8	345	37
0.25 to <0.50	19	0.33	18	40	0.6	8	42
0.50 to <0.75	478	0.63	36	40	-	226	47
0.75 to <2.50	25	1.41	10	45	-	26	104
2.50 to <10.00	58	2.90	53	40	0.2	72	124
10.00 to <100.00	1	17.53	9	50	-	1	100
100.00 (Default)	-	-	-	-	-	-	-
	11,244	0.12	363	40	0.9	2,247	20
Total (all portfolios)	40,435	0.52	6,315	29	0.9	10,076	25

For footnotes, see page 48.

CCR4: IRB - COUNTERPARTY CREDIT RISK EXPOSURES BY PORTFOLIO AND PD SCALE (continued)

(\$ millions)

PD scale	Q3/22						
	a EAD post-CRM	b Average PD %	c Number of obligors ⁽¹⁾	d Average LGD %	e Average maturity ⁽²⁾	f RWA	g RWA density %
Corporate							
0.00 to <0.15	8,795	0.08	1,102	24	0.5	845	10
0.15 to <0.25	4,348	0.20	1,021	34	1.2	1,244	29
0.25 to <0.50	1,529	0.33	439	35	1.3	599	39
0.50 to <0.75	4,680	0.63	1,197	29	0.5	1,991	43
0.75 to <2.50	2,570	1.41	738	21	0.7	1,166	45
2.50 to <10.00	3,225	2.89	1,060	15	0.9	1,420	44
10.00 to <100.00	314	19.79	123	12	1.0	196	62
100.00 (Default)	-	-	-	-	-	-	-
	25,461	0.95	5,680	26	0.8	7,461	29
Sovereign							
0.00 to <0.15	3,799	0.03	122	15	2.6	106	3
0.15 to <0.25	109	0.23	10	34	0.8	30	28
0.25 to <0.50	61	0.33	6	40	0.4	19	31
0.50 to <0.75	9	0.61	9	28	2.1	3	33
0.75 to <2.50	-	-	-	-	-	-	-
2.50 to <10.00	1	5.87	6	40	0.2	1	100
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	3,979	0.04	153	16	2.5	159	4
Banks							
0.00 to <0.15	9,789	0.06	169	40	0.9	1,599	16
0.15 to <0.25	812	0.19	59	41	2.3	334	41
0.25 to <0.50	24	0.33	17	40	0.4	11	46
0.50 to <0.75	451	0.64	40	40	-	216	48
0.75 to <2.50	18	1.41	12	43	-	18	100
2.50 to <10.00	49	2.74	41	40	0.1	57	116
10.00 to <100.00	7	17.53	21	44	-	17	243
100.00 (Default)	-	-	-	-	-	-	-
	11,150	0.12	359	40	1.0	2,252	20
Total (all portfolios)	40,590	0.63	6,192	29	1.0	9,872	24

For footnotes, see page 48.

CCR5: COMPOSITION OF COLLATERAL FOR COUNTERPARTY CREDIT RISK EXPOSURE ⁽¹⁾

(\$ millions)

	Q3/23											
	a		b		c		d		e		f	
	Collateral used in derivative transactions						Collateral used in SFTs					
	Fair value of collateral received			Fair value of posted collateral			Fair value of collateral received			Fair value of posted collateral		
	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated
Cash - domestic currency	-	538	-	1,575	32,764	25,742						
Cash - other currencies	-	2,491	28	4,684	54,183	61,646						
Domestic sovereign debt	824	291	4,699	2,246	41,654	54,343						
Other sovereign debt	1,876	116	2,420	1,870	46,619	52,707						
Government agency debt	40	300	282	237	18	-						
Corporate bonds	507	29	147	88	6,808	1,747						
Equity securities	879	-	2,617	-	20,481	30,113						
Other collateral	-	-	118	551	-	-						
Total	4,126	3,765	10,311	11,251	202,527	226,298						

(\$ millions)

	Q2/23											
	a		b		c		d		e		f	
	Collateral used in derivative transactions						Collateral used in SFTs					
	Fair value of collateral received			Fair value of posted collateral			Fair value of collateral received			Fair value of posted collateral		
	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated
Cash - domestic currency	-	801	-	1,902	30,940	26,395						
Cash - other currencies	-	1,940	1,277	4,427	50,727	53,653						
Domestic sovereign debt	570	366	3,987	2,024	44,573	58,393						
Other sovereign debt	1,176	252	1,654	1,707	39,615	43,343						
Government agency debt	152	10	5	237	55	-						
Corporate bonds	358	57	169	-	7,243	2,155						
Equity securities	909	-	2,344	-	20,498	29,699						
Other collateral	-	-	115	680	-	-						
Total	3,165	3,426	9,551	10,977	193,651	213,638						

(\$ millions)

	Q1/23											
	a		b		c		d		e		f	
	Collateral used in derivative transactions						Collateral used in SFTs					
	Fair value of collateral received			Fair value of posted collateral			Fair value of collateral received			Fair value of posted collateral		
	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated
Cash - domestic currency	-	760	-	2,241	33,650	33,137						
Cash - other currencies	-	2,277	1,113	6,522	41,868	44,495						
Domestic sovereign debt ⁽²⁾	783	437	3,405	1,777	53,542	62,586						
Other sovereign debt ⁽²⁾	1,088	220	1,654	1,770	35,173	42,157						
Corporate bonds	355	37	177	-	7,209	2,751						
Equity securities	922	-	2,272	-	20,595	30,865						
Other collateral	-	-	160	371	-	-						
Total	3,148	3,731	8,781	12,681	192,037	215,991						

(1) Includes collateral amounts that do not reduce regulatory exposures. Amounts reflect the fair value of collateral posted and received and are reported after considering any applicable haircut. Application of a haircut has the effect of reducing the fair value of collateral received and increasing the fair value of collateral posted.

(2) Prior to Q2/23, Government agency debt was included in domestic sovereign debt and other sovereign debt.

CCR5: COMPOSITION OF COLLATERAL FOR COUNTERPARTY CREDIT RISK EXPOSURE (continued) ⁽¹⁾

(\$ millions)	Q4/22											
	a		b		c		d		e		f	
	Collateral used in derivative transactions						Collateral used in SFTs					
	Fair value of collateral received			Fair value of posted collateral			Fair value of collateral received			Fair value of posted collateral		
	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated
Cash - domestic currency	-	1,761	-	2,535	37,033	31,972						
Cash - other currencies	-	4,157	753	10,349	44,988	52,574						
Domestic sovereign debt ⁽²⁾	611	1,279	2,807	3,331	51,727	69,996						
Other sovereign debt ⁽²⁾	1,520	1,037	2,232	1,923	35,902	45,065						
Corporate bonds	374	43	148	-	5,792	1,007						
Equity securities	1,378	-	1,850	-	24,556	30,489						
Other collateral	-	-	92	462	-	-						
Total	3,883	8,277	7,882	18,600	199,998	231,103						

(\$ millions)	Q3/22											
	a		b		c		d		e		f	
	Collateral used in derivative transactions						Collateral used in SFTs					
	Fair value of collateral received			Fair value of posted collateral			Fair value of collateral received			Fair value of posted collateral		
	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated
Cash - domestic currency	-	483	-	1,715	32,036	30,350						
Cash - other currencies	5	6,231	453	8,142	34,952	45,067						
Domestic sovereign debt ⁽²⁾	623	824	2,097	3,389	57,988	71,170						
Other sovereign debt ⁽²⁾	1,596	785	2,633	3,347	30,583	34,896						
Corporate bonds	265	36	177	-	7,390	2,004						
Equity securities	1,493	-	1,800	-	22,713	30,776						
Other collateral	-	-	166	439	-	-						
Total	3,982	8,359	7,326	17,032	185,662	214,263						

For footnotes, see page 55.

CCR6: CREDIT DERIVATIVES EXPOSURES

(\$ millions)	Q3/23		Q2/23		Q1/23		Q4/22		Q3/22	
	a	b	a	b	a	b	a	b	a	b
	Protection bought	Protection sold	Protection bought	Protection sold	Protection bought	Protection sold	Protection bought	Protection sold	Protection bought	Protection sold
Notionals										
Single-name credit default swaps	840	930	1,077	479	1,034	465	1,226	511	1,040	485
Index credit default swaps ⁽¹⁾	829	1,331	1,344	831	1,527	987	1,678	841	2,126	787
Total return swaps	-	-	-	-	-	-	-	-	-	-
Credit options ⁽¹⁾	2,044	-	646	-	1,071	665	1,090	375	1,280	-
Other credit derivatives	69	-	73	-	73	-	75	-	72	-
Total notionals	3,782	2,261	3,140	1,310	3,705	2,117	4,069	1,727	4,518	1,272
Fair values										
Positive fair value (asset)	45	23	48	11	47	14	53	5	45	8
Negative fair value (liability)	17	49	19	50	24	51	12	51	23	48

(1) Certain prior period information has been restated to conform to the presentation adopted in Q1/23.

CCR8: EXPOSURES TO CENTRAL COUNTERPARTIES

(\$ millions)

	Q3/23		Q2/23		Q1/23		Q4/22		Q3/22	
	a	b	a	b	a	b	a	b	a	b
	EAD (post-CRM)	RWA	EAD (post-CRM)	RWA	EAD (post-CRM)	RWA	EAD (post-CRM)	RWA	EAD (post-CRM)	RWA
1 Exposures to QCCPs (total)	609		659		571		596		621	
2 Exposures for trades at QCCPs (excluding initial margin and default fund contributions); of which	8,821	278	7,533	247	5,341	244	5,292	263	5,896	305
3 (i) OTC derivatives	404	11	517	14	370	13	387	14	350	12
4 (ii) Exchange-traded derivatives	7,235	243	6,021	213	3,876	209	3,243	216	3,936	261
5 (iii) SFTs	1,182	24	995	20	1,095	22	1,662	33	1,610	32
6 (iv) Netting sets where cross-product netting has been approved	-	-	-	-	-	-	-	-	-	-
7 Segregated initial margin	4,321		4,182		4,257		3,617		3,492	
8 Non-segregated initial margin ⁽¹⁾	-	-	-	-	2,209	-	2,653	-	3,180	-
9 Pre-funded default fund contributions	1,004	331	1,193	412	666	327	762	333	713	316
10 Unfunded default fund contributions	1,128	-	1,252	-	937	-	935	-	903	-
11 Exposures to Non-QCCPs (total)	-	-	-	-	-	-	-	-	-	-
12 Exposures for trades at non-QCCPs (excluding initial margin and default fund contributions); of which	-	-	-	-	-	-	-	-	-	-
13 (i) OTC derivatives	-	-	-	-	-	-	-	-	-	-
14 (ii) Exchange-traded derivatives	-	-	-	-	-	-	-	-	-	-
15 (iii) SFTs	-	-	-	-	-	-	-	-	-	-
16 (iv) Netting sets where cross-product netting has been approved	-	-	-	-	-	-	-	-	-	-
17 Segregated initial margin	-		-		-		-		-	
18 Non-segregated initial margin	-	-	-	-	-	-	-	-	-	-
19 Pre-funded default fund contributions	-	-	-	-	-	-	-	-	-	-
20 Unfunded default fund contributions	-	-	-	-	-	-	-	-	-	-

(1) Beginning in Q2/23, as part of the implementation of the Basel III reforms, non-segregated initial margin that was previously reported separately on row 8 prior to Q2/23, is included in rows 3 and 4.

SEC1: SECURITIZATION EXPOSURES IN THE BANKING BOOK

(\$ millions)

		Q3/23																				
		a	b			c	d	e				f	g	h	i				j	k	l	
		Bank acts as originator				Bank acts as sponsor ⁽¹⁾				Bank acts as investor												
		Of which				Of which				Of which				Of which				Of which				
		Traditional	STC ⁽²⁾	Synthetic	Sub-total	Traditional	STC ⁽²⁾	Synthetic	Sub-total	Traditional	STC ⁽²⁾	Synthetic	Sub-total	Traditional	STC ⁽²⁾	Synthetic	Sub-total	Traditional	STC ⁽²⁾	Synthetic	Sub-total	
1	Retail (total) - of which	3,058	3,040	-	3,058	13,910	13,071	-	13,910	1,208	1,173	-	1,208	-	-	-	-	-	-	-	-	1,208
2	residential mortgage	-	-	-	-	3,129	2,928	-	3,129	-	-	-	-	-	-	-	-	-	-	-	-	-
3	credit card	3,058	3,040	-	3,058	494	494	-	494	512	512	-	512	-	-	-	-	-	-	-	-	512
4	other retail exposures	-	-	-	-	10,287	9,649	-	10,287	696	661	-	696	-	-	-	-	-	-	-	-	696
5	resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Wholesale (total) - of which	-	-	5,386	5,386	3,752	3,472	-	3,752	14,031	792	25	14,056	-	-	-	-	-	-	-	-	-
7	loans to corporates ⁽³⁾	-	-	5,386	5,386	-	-	-	-	10,734	-	-	10,734	-	-	-	-	-	-	-	-	-
8	commercial mortgage	-	-	-	-	-	-	-	-	2,505	-	-	2,505	-	-	-	-	-	-	-	-	2,505
9	lease and receivables	-	-	-	-	2,892	2,612	-	2,892	792	792	-	792	-	-	-	-	-	-	-	-	792
10	other wholesale	-	-	-	-	860	860	-	860	-	-	25	25	-	-	-	-	-	-	-	-	25
11	resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(\$ millions)

		Q2/23																				
		a	b			c	d	e				f	g	h	i				j	k	l	
		Bank acts as originator				Bank acts as sponsor ⁽¹⁾				Bank acts as investor												
		Of which				Of which				Of which				Of which				Of which				
		Traditional	STC ⁽²⁾	Synthetic	Sub-total	Traditional	STC ⁽²⁾	Synthetic	Sub-total	Traditional	STC ⁽²⁾	Synthetic	Sub-total	Traditional	STC ⁽²⁾	Synthetic	Sub-total	Traditional	STC ⁽²⁾	Synthetic	Sub-total	
1	Retail (total) - of which	3,019	3,000	-	3,019	12,970	12,132	-	12,970	1,190	1,155	-	1,190	-	-	-	-	-	-	-	-	1,190
2	residential mortgage	-	-	-	-	3,161	2,960	-	3,161	-	-	-	-	-	-	-	-	-	-	-	-	-
3	credit card	3,019	3,000	-	3,019	594	594	-	594	525	525	-	525	-	-	-	-	-	-	-	-	525
4	other retail exposures	-	-	-	-	9,215	8,578	-	9,215	665	630	-	665	-	-	-	-	-	-	-	-	665
5	resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Wholesale (total) - of which	-	-	5,604	5,604	3,601	3,452	-	3,601	14,277	818	28	14,305	-	-	-	-	-	-	-	-	-
7	loans to corporates ⁽³⁾	-	-	5,604	5,604	-	-	-	-	10,896	-	-	10,896	-	-	-	-	-	-	-	-	-
8	commercial mortgage	-	-	-	-	-	-	-	-	2,563	-	-	2,563	-	-	-	-	-	-	-	-	2,563
9	lease and receivables	-	-	-	-	2,860	2,711	-	2,860	818	818	-	818	-	-	-	-	-	-	-	-	818
10	other wholesale	-	-	-	-	741	741	-	741	-	-	28	28	-	-	-	-	-	-	-	-	28
11	resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(1) Includes exposures relating to CIBC-sponsored multi-seller conduits.

(2) Simple, transparent and comparable (STC).

(3) Beginning in Q1/23, includes certain exposures previously subject to AIRB, now included under the standardized securitization approach pursuant to a change in methodology.

SEC1: SECURITIZATION EXPOSURES IN THE BANKING BOOK (continued)

(\$ millions)

		Q1/23								
		a			e			i		
		Bank acts as originator			Bank acts as sponsor ⁽¹⁾			Bank acts as investor		
		Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total
1	Retail (total) - of which	3,024	-	3,024	12,263	-	12,263	1,910	-	1,910
2	residential mortgage	-	-	-	3,065	-	3,065	-	-	-
3	credit card	3,024	-	3,024	678	-	678	650	-	650
4	other retail exposures	-	-	-	8,520	-	8,520	1,260	-	1,260
5	resecuritization	-	-	-	-	-	-	-	-	-
6	Wholesale (total) - of which	-	-	-	3,075	-	3,075	10,996	29	11,025
7	loans to corporates ⁽³⁾	-	-	-	-	-	-	9,928	-	9,928
8	commercial mortgage	-	-	-	-	-	-	-	-	-
9	lease and receivables	-	-	-	2,332	-	2,332	1,068	-	1,068
10	other wholesale	-	-	-	743	-	743	-	29	29
11	resecuritization	-	-	-	-	-	-	-	-	-

(\$ millions)

		Q4/22								
		a			e			i		
		Bank acts as originator			Bank acts as sponsor ⁽¹⁾			Bank acts as investor		
		Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total
1	Retail (total) - of which	1,520	-	1,520	10,814	-	10,814	2,151	-	2,151
2	residential mortgage	-	-	-	2,377	-	2,377	-	-	-
3	credit card	1,520	-	1,520	633	-	633	664	-	664
4	other retail exposures	-	-	-	7,804	-	7,804	1,487	-	1,487
5	resecuritization	-	-	-	-	-	-	-	-	-
6	Wholesale (total) - of which	-	-	-	2,733	-	2,733	1,342	30	1,372
7	loans to corporates	-	-	-	-	-	-	375	-	375
8	commercial mortgage	-	-	-	-	-	-	-	-	-
9	lease and receivables	-	-	-	2,025	-	2,025	967	-	967
10	other wholesale	-	-	-	708	-	708	-	30	30
11	resecuritization	-	-	-	-	-	-	-	-	-

(\$ millions)

		Q3/22								
		a			e			i		
		Bank acts as originator			Bank acts as sponsor ⁽¹⁾			Bank acts as investor		
		Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total
1	Retail (total) - of which	1,533	-	1,533	10,928	-	10,928	2,081	-	2,081
2	residential mortgage	-	-	-	2,488	-	2,488	-	-	-
3	credit card	1,533	-	1,533	661	-	661	627	-	627
4	other retail exposures	-	-	-	7,779	-	7,779	1,454	-	1,454
5	resecuritization	-	-	-	-	-	-	-	-	-
6	Wholesale (total) - of which	-	-	-	2,682	-	2,682	1,623	30	1,653
7	loans to corporates	-	-	-	-	-	-	638	-	638
8	commercial mortgage	-	-	-	-	-	-	-	-	-
9	lease and receivables	-	-	-	1,942	-	1,942	985	-	985
10	other wholesale	-	-	-	740	-	740	-	30	30
11	resecuritization	-	-	-	-	-	-	-	-	-

For footnotes, see page 59.

SEC2: SECURITIZATION EXPOSURES IN THE TRADING BOOK ⁽¹⁾

(\$ millions)

		Q3/23															
		a				b				c				d			
		Bank acts as originator ⁽²⁾				Bank acts as sponsor ⁽³⁾				Bank acts as investor							
		Of which				Of which				Of which							
		Traditional	STC	Synthetic	Sub-total	Traditional	STC	Synthetic	Sub-total	Traditional	STC	Synthetic	Sub-total				
1	Retail (total) - of which	7	7	-	7	19	17	-	19	41	41	-	41				
2	residential mortgage	-	-	-	-	5	5	-	5	36	36	-	36				
3	credit card	7	7	-	7	1	1	-	1	5	5	-	5				
4	other retail exposures	-	-	-	-	13	11	-	13	-	-	-	-				
5	resecuritization	-	-	-	-	-	-	-	-	-	-	-	-				
6	Wholesale (total) - of which	-	-	-	-	4	4	-	4	-	-	-	-				
7	loans to corporates	-	-	-	-	-	-	-	-	-	-	-	-				
8	commercial mortgage	-	-	-	-	-	-	-	-	-	-	-	-				
9	lease and receivables	-	-	-	-	3	3	-	3	-	-	-	-				
10	other wholesale	-	-	-	-	1	1	-	1	-	-	-	-				
11	resecuritization	-	-	-	-	-	-	-	-	-	-	-	-				

(\$ millions)

		Q2/23															
		a				b				c				d			
		Bank acts as originator ⁽²⁾				Bank acts as sponsor ⁽³⁾				Bank acts as investor							
		Of which				Of which				Of which							
		Traditional	STC	Synthetic	Sub-total	Traditional	STC	Synthetic	Sub-total	Traditional	STC	Synthetic	Sub-total				
1	Retail (total) - of which	5	5	-	5	12	11	-	12	51	51	-	51				
2	residential mortgage	-	-	-	-	3	3	-	3	47	47	-	47				
3	credit card	5	5	-	5	-	-	-	-	4	4	-	4				
4	other retail exposures	-	-	-	-	9	8	-	9	-	-	-	-				
5	resecuritization	-	-	-	-	-	-	-	-	-	-	-	-				
6	Wholesale (total) - of which	-	-	-	-	3	3	-	3	-	-	-	-				
7	loans to corporates	-	-	-	-	-	-	-	-	-	-	-	-				
8	commercial mortgage	-	-	-	-	-	-	-	-	-	-	-	-				
9	lease and receivables	-	-	-	-	3	3	-	3	-	-	-	-				
10	other wholesale	-	-	-	-	-	-	-	-	-	-	-	-				
11	resecuritization	-	-	-	-	-	-	-	-	-	-	-	-				

(1) Exposures included in this table are risk-weighted under the market risk framework.

(2) Includes direct investments in CARDS II Trust.

(3) Includes direct investments in CIBC-sponsored multi-seller conduits.

SEC2: SECURITIZATION EXPOSURES IN THE TRADING BOOK (continued) ⁽¹⁾

(\$ millions)

	Q1/23																										
	a			b			c			e			f			g			i			j			k		
	Bank acts as originator ⁽²⁾			Bank acts as sponsor ⁽³⁾			Bank acts as investor			Bank acts as originator ⁽²⁾			Bank acts as sponsor ⁽³⁾			Bank acts as investor			Bank acts as originator ⁽²⁾			Bank acts as sponsor ⁽³⁾			Bank acts as investor		
	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total
1	Retail (total) - of which																										
2	residential mortgage																										
3	credit card																										
4	other retail exposures																										
5	resecuritization																										
6	Wholesale (total) - of which																										
7	loans to corporates																										
8	commercial mortgage																										
9	lease and receivables																										
10	other wholesale																										
11	resecuritization																										

(\$ millions)

	Q4/22																										
	a			b			c			e			f			g			i			j			k		
	Bank acts as originator ⁽²⁾			Bank acts as sponsor ⁽³⁾			Bank acts as investor			Bank acts as originator ⁽²⁾			Bank acts as sponsor ⁽³⁾			Bank acts as investor			Bank acts as originator ⁽²⁾			Bank acts as sponsor ⁽³⁾			Bank acts as investor		
	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total
1	Retail (total) - of which																										
2	residential mortgage																										
3	credit card																										
4	other retail exposures																										
5	resecuritization																										
6	Wholesale (total) - of which																										
7	loans to corporates																										
8	commercial mortgage																										
9	lease and receivables																										
10	other wholesale																										
11	resecuritization																										

(\$ millions)

	Q3/22																										
	a			b			c			e			f			g			i			j			k		
	Bank acts as originator ⁽²⁾			Bank acts as sponsor ⁽³⁾			Bank acts as investor			Bank acts as originator ⁽²⁾			Bank acts as sponsor ⁽³⁾			Bank acts as investor			Bank acts as originator ⁽²⁾			Bank acts as sponsor ⁽³⁾			Bank acts as investor		
	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total	Traditional	Synthetic	Sub-total
1	Retail (total) - of which																										
2	residential mortgage																										
3	credit card																										
4	other retail exposures																										
5	resecuritization																										
6	Wholesale (total) - of which																										
7	loans to corporates																										
8	commercial mortgage																										
9	lease and receivables																										
10	other wholesale																										
11	resecuritization																										

For footnotes, see page 61.

SEC3: SECURITIZATION EXPOSURES IN THE BANKING BOOK AND ASSOCIATED REGULATORY CAPITAL REQUIREMENTS - BANK ACTING AS ORIGINATOR OR AS SPONSOR

(\$ millions)

	Q3/23																	
	Exposure values (by risk-weighted (RW) bands)					Exposure values (by regulatory approach)					RWA (by regulatory approach)				Capital charge after cap			
	>20% to ≤20% RW		>50% to 100% RW		>100% to < 1250% RW	ERBA (including IAA)		SA	1250%	ERBA (including IAA)		SA	1250%	ERBA (including IAA)		SA	1250%	
	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	
1 Total exposures	22,275	869	17	78	32	8,444	14,827	-	-	1,710	1,879	-	-	137	151	-	-	
2 Traditional securitization	16,919	869	17	78	2	3,058	14,827	-	-	536	1,879	-	-	43	151	-	-	
3 Of which securitization	16,919	869	17	78	2	3,058	14,827	-	-	536	1,879	-	-	43	151	-	-	
4 Of which retail underlying	14,348	265	-	2	2	3,058	11,559	-	-	536	1,304	-	-	43	105	-	-	
5 Of which STC	13,551	248	-	1	2	3,040	10,762	-	-	516	1,154	-	-	41	92	-	-	
6 Of which wholesale	2,571	604	17	76	-	-	3,268	-	-	-	575	-	-	-	46	-	-	
7 Of which STC	2,442	480	17	76	-	-	3,015	-	-	-	517	-	-	-	41	-	-	
8 Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 Synthetic securitization	5,356	-	-	-	30	5,386	-	-	-	1,174	-	-	-	94	-	-	-	
10 Of which securitization	5,356	-	-	-	30	5,386	-	-	-	1,174	-	-	-	94	-	-	-	
11 Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12 Of which wholesale	5,356	-	-	-	30	5,386	-	-	-	1,174	-	-	-	94	-	-	-	
13 Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

(\$ millions)

	Q2/23																	
	Exposure values (by RW bands)					Exposure values (by regulatory approach)					RWA (by regulatory approach)				Capital charge after cap			
	>20% to ≤20% RW		>50% to 100% RW		>100% to < 1250% RW	ERBA (including IAA)		SA	1250%	ERBA (including IAA)		SA	1250%	ERBA (including IAA)		SA	1250%	
	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	
1 Total exposures	21,281	896	19	78	30	8,623	13,681	-	-	1,724	1,737	-	-	139	139	-	-	
2 Traditional securitization	15,707	896	19	78	-	3,019	13,681	-	-	507	1,737	-	-	41	139	-	-	
3 Of which securitization	15,707	896	19	78	-	3,019	13,681	-	-	507	1,737	-	-	41	139	-	-	
4 Of which retail underlying	13,261	307	-	1	-	3,019	10,550	-	-	507	1,177	-	-	41	94	-	-	
5 Of which STC	12,457	289	-	-	-	3,000	9,746	-	-	486	1,027	-	-	39	82	-	-	
6 Of which wholesale	2,446	589	19	77	-	-	3,131	-	-	-	560	-	-	-	45	-	-	
7 Of which STC	2,446	466	19	77	-	-	3,008	-	-	-	526	-	-	-	42	-	-	
8 Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 Synthetic securitization	5,574	-	-	-	30	5,604	-	-	-	1,217	-	-	-	98	-	-	-	
10 Of which securitization	5,574	-	-	-	30	5,604	-	-	-	1,217	-	-	-	98	-	-	-	
11 Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12 Of which wholesale	5,574	-	-	-	30	5,604	-	-	-	1,217	-	-	-	98	-	-	-	
13 Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

SEC3: SECURITIZATION EXPOSURES IN THE BANKING BOOK AND ASSOCIATED REGULATORY CAPITAL REQUIREMENTS - BANK ACTING AS ORIGINATOR OR AS SPONSOR (continued)

(\$ millions)

		Q1/23																
		a	b	c	d	e	f g h i				j k l m				n o p q			
		Exposure values (by risk-weighted (RW) bands)					Exposure values (by regulatory approach)				RWA (by regulatory approach)				Capital charge after cap			
		>20%	>50%	>100%			ERBA (including IAA)				ERBA (including IAA)				ERBA (including IAA)			
		to	to	to <	1250%	IRBA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%		
		≤20% RW	50% RW	100% RW	1250% RW													
1	Total exposures	15,923	2,437	-	1	1	3,024	15,338	-	-	545	1,817	-	-	44	146	-	-
2	Traditional securitization	15,923	2,437	-	1	1	3,024	15,338	-	-	545	1,817	-	-	44	146	-	-
3	Of which securitization	15,923	2,437	-	1	1	3,024	15,338	-	-	545	1,817	-	-	44	146	-	-
4	Of which retail underlying	13,364	1,921	-	1	1	3,024	12,263	-	-	545	1,383	-	-	44	111	-	-
5	Of which wholesale	2,559	516	-	-	-	-	3,075	-	-	-	434	-	-	-	35	-	-
6	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Synthetic securitization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Of which securitization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Of which wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(\$ millions)

		Q4/22																
		a	b	c	d	e	f g h i				j k l m				n o p q			
		Exposure values (by RW bands)					Exposure values (by regulatory approach)				RWA (by regulatory approach)				Capital charge after cap			
		>20%	>50%	>100%			ERBA (including IAA)				ERBA (including IAA)				ERBA (including IAA)			
		to	to	to <	1250%	IRBA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%		
		≤20% RW	50% RW	100% RW	1250% RW													
1	Total exposures	14,587	285	193	1	1	1,520	13,547	-	-	210	1,571	-	-	17	126	-	-
2	Traditional securitization	14,587	285	193	1	1	1,520	13,547	-	-	210	1,571	-	-	17	126	-	-
3	Of which securitization	14,587	285	193	1	1	1,520	13,547	-	-	210	1,571	-	-	17	126	-	-
4	Of which retail underlying	12,313	19	-	1	1	1,520	10,814	-	-	210	1,148	-	-	17	92	-	-
5	Of which wholesale	2,274	266	193	-	-	-	2,733	-	-	-	423	-	-	-	34	-	-
6	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Synthetic securitization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Of which securitization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Of which wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SEC3: SECURITIZATION EXPOSURES IN THE BANKING BOOK AND ASSOCIATED REGULATORY CAPITAL REQUIREMENTS - BANK ACTING AS ORIGINATOR OR AS SPONSOR (continued)

(\$ millions)

		Q3/22																
		a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q
		Exposure values (by RW bands)					Exposure values (by regulatory approach)				RWA (by regulatory approach)				Capital charge after cap			
		>20%	>50%	>100%			ERBA			ERBA			ERBA					
		to	to	to <		IRBA	(including	SA	1250%	IRBA	(including	SA	1250%	IRBA	(including	SA	1250%	
		≤20%	50%	100%	1250%	IRBA	IAA)			IRBA	IAA)			IRBA	IAA)			
		RW	RW	RW	RW													
1	Total exposures	14,700	280	160	2	1	1,533	13,610	-	-	248	1,562	-	-	20	125	-	-
2	Traditional securitization	14,700	280	160	2	1	1,533	13,610	-	-	248	1,562	-	-	20	125	-	-
3	Of which securitization	14,700	280	160	2	1	1,533	13,610	-	-	248	1,562	-	-	20	125	-	-
4	Of which retail underlying	12,428	30	-	2	1	1,533	10,928	-	-	248	1,161	-	-	20	93	-	-
5	Of which wholesale	2,272	250	160	-	-	-	2,682	-	-	-	401	-	-	-	32	-	-
6	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Synthetic securitization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Of which securitization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Of which wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SEC4: SECURITIZATION EXPOSURES IN THE BANKING BOOK AND ASSOCIATED REGULATORY CAPITAL REQUIREMENTS - BANK ACTING AS INVESTOR

(\$ millions)

		Q3/23																
		a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q
		Exposure values (by RW bands)					Exposure values (by regulatory approach)					RWA (by regulatory approach)			Capital charge after cap			
		>20% to ≤20% RW	>50% to 50% RW	>100% to 100% RW	>100% to <1250% RW	1250% RW	IRBA	ERBA (including IAA)	SA	1250%	IRBA	ERBA (including IAA)	SA	1250%	IRBA	ERBA (including IAA)	SA	1250%
1	Total exposures	10,036	1,697	618	452	-	-	2,086	10,717	-	-	416	2,707	-	-	33	216	-
2	Traditional securitization	10,036	1,697	593	452	-	-	2,061	10,717	-	-	391	2,707	-	-	31	216	-
3	Of which securitization	10,036	1,697	593	452	-	-	2,061	10,717	-	-	391	2,707	-	-	31	216	-
4	Of which retail underlying	788	298	-	33	-	-	958	161	-	-	211	16	-	-	17	1	-
5	Of which STC	788	298	-	-	-	-	925	161	-	-	162	16	-	-	13	1	-
6	Of which wholesale ⁽¹⁾	9,248	1,399	593	419	-	-	1,103	10,556	-	-	180	2,691	-	-	14	215	-
7	Of which STC	403	-	-	-	-	-	403	-	-	-	40	-	-	-	3	-	-
8	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Synthetic securitization	-	-	25	-	-	-	25	-	-	-	25	-	-	-	2	-	-
10	Of which securitization	-	-	25	-	-	-	25	-	-	-	25	-	-	-	2	-	-
11	Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Of which wholesale	-	-	25	-	-	-	25	-	-	-	25	-	-	-	2	-	-
13	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(\$ millions)

		Q2/23																
		a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q
		Exposure values (by RW bands)					Exposure values (by regulatory approach)					RWA (by regulatory approach)			Capital charge after cap			
		>20% to ≤20% RW	>50% to 50% RW	>100% to 100% RW	>100% to <1250% RW	1250% RW	IRBA	ERBA (including IAA)	SA	1250%	IRBA	ERBA (including IAA)	SA	1250%	IRBA	ERBA (including IAA)	SA	1250%
1	Total exposures	9,909	1,845	1,321	184	-	-	2,021	11,238	-	-	426	3,022	-	-	34	242	-
2	Traditional securitization	9,909	1,845	1,293	184	-	-	1,993	11,238	-	-	398	3,022	-	-	32	242	-
3	Of which securitization	9,909	1,845	1,293	184	-	-	1,993	11,238	-	-	398	3,022	-	-	32	242	-
4	Of which retail underlying	648	448	-	32	-	-	946	182	-	-	229	18	-	-	18	1	-
5	Of which STC	648	448	-	-	-	-	914	182	-	-	181	18	-	-	14	1	-
6	Of which wholesale ⁽¹⁾	9,261	1,397	1,293	152	-	-	1,047	11,056	-	-	169	3,004	-	-	14	241	-
7	Of which STC	401	-	-	-	-	-	401	-	-	-	40	-	-	-	3	-	-
8	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Synthetic securitization	-	-	28	-	-	-	28	-	-	-	28	-	-	-	2	-	-
10	Of which securitization	-	-	28	-	-	-	28	-	-	-	28	-	-	-	2	-	-
11	Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Of which wholesale	-	-	28	-	-	-	28	-	-	-	28	-	-	-	2	-	-
13	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(1) Beginning in Q1/23, includes certain exposures previously subject to AIRB, now included under the standardized securitization approach pursuant to a change in methodology.

**SEC4: SECURITIZATION EXPOSURES IN THE BANKING BOOK AND ASSOCIATED REGULATORY CAPITAL REQUIREMENTS -
BANK ACTING AS INVESTOR (continued)**

(\$ millions)

		Q1/23																																																				
		a	b	c	d	e	f				g				h				i				j				k				l				m				n				o				p				q			
		Exposure values (by RW bands)					Exposure values (by regulatory approach)					RWA (by regulatory approach)					Capital charge after cap																																					
		>20%	>50%	>100%			ERBA (including IAA)					ERBA (including IAA)					ERBA (including IAA)																																					
		to	to	to <	1250%	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%																								
		≤20%	50%	100%	1250%	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%																								
1	Total exposures	9,279	1,417	2,084	155	-	246	2,971	9,718	-	56	484	3,203	-	4	38	256	-																																				
2	Traditional securitization	9,279	1,417	2,055	155	-	246	2,942	9,718	-	56	455	3,203	-	4	36	256	-																																				
3	Of which securitization	9,279	1,417	2,055	155	-	246	2,942	9,718	-	56	455	3,203	-	4	36	256	-																																				
4	Of which retail underlying	1,511	364	-	35	-	-	1,714	196	-	-	292	20	-	-	23	2	-																																				
5	Of which wholesale ⁽¹⁾	7,768	1,053	2,055	120	-	246	1,228	9,522	-	56	163	3,183	-	4	13	254	-																																				
6	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
7	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
8	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
9	Synthetic securitization	-	-	29	-	-	-	29	-	-	-	29	-	-	2	-	-	-																																				
10	Of which securitization	-	-	29	-	-	-	29	-	-	-	29	-	-	2	-	-	-																																				
11	Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
12	Of which wholesale	-	-	29	-	-	-	29	-	-	-	29	-	-	2	-	-	-																																				
13	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
14	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
15	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				

(\$ millions)

		Q4/22																																																				
		a	b	c	d	e	f				g				h				i				j				k				l				m				n				o				p				q			
		Exposure values (by RW bands)					Exposure values (by regulatory approach)					RWA (by regulatory approach)					Capital charge after cap																																					
		>20%	>50%	>100%			ERBA (including IAA)					ERBA (including IAA)					ERBA (including IAA)																																					
		to	to	to <	1250%	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%																								
		≤20%	50%	100%	1250%	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%																								
1	Total exposures	2,910	540	30	43	-	216	3,084	223	-	25	540	22	-	2	43	2	-																																				
2	Traditional securitization	2,910	540	-	43	-	216	3,054	223	-	25	510	22	-	2	41	2	-																																				
3	Of which securitization	2,910	540	-	43	-	216	3,054	223	-	25	510	22	-	2	41	2	-																																				
4	Of which retail underlying	1,568	540	-	43	-	-	1,928	223	-	-	360	22	-	-	29	2	-																																				
5	Of which wholesale	1,342	-	-	-	-	216	1,126	-	-	25	150	-	-	2	12	-	-																																				
6	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
7	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
8	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
9	Synthetic securitization	-	-	30	-	-	-	30	-	-	-	30	-	-	2	-	-	-																																				
10	Of which securitization	-	-	30	-	-	-	30	-	-	-	30	-	-	2	-	-	-																																				
11	Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
12	Of which wholesale	-	-	30	-	-	-	30	-	-	-	30	-	-	2	-	-	-																																				
13	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
14	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
15	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				

For footnotes, see page 66.

SUPPLEMENTARY REGULATORY CAPITAL DISCLOSURES

CREDIT EXPOSURE (EAD ⁽¹⁾)

(\$ millions)

	Q3/23			Q2/23		
	AIRB approach ⁽²⁾	FIRB approach	Standardized approach	AIRB approach ⁽²⁾	FIRB approach	Standardized approach
Business and government portfolios						
Corporate ⁽³⁾						
Drawn	100,667	38,115	46,402	102,055	39,138	47,916
Undrawn commitments	27,999	19,841	8,943	28,770	18,684	8,959
Repo-style transactions ⁽⁴⁾	429	251,260	-	497	246,722	-
Other off-balance sheet ⁽⁴⁾	5,626	6,615	684	6,060	6,538	684
OTC derivatives	2,164	5,932	144	3,347	5,797	164
	136,885	321,763	56,173	140,729	316,879	57,723
Sovereign						
Drawn	150,844	41	28,055	156,906	39	27,776
Undrawn commitments	9,298	2	261	9,481	3	258
Repo-style transactions	25,111	467	-	26,173	538	-
Other off-balance sheet	1,503	-	155	1,480	-	152
OTC derivatives	2,319	7	-	2,161	6	-
	189,075	517	28,471	196,201	586	28,186
Banks						
Drawn	3,363	8,728	1,089	2,849	10,867	1,207
Undrawn commitments	-	301	1	-	440	9
Repo-style transactions	-	44,793	-	-	42,797	-
Other off-balance sheet	6	1,283	-	-	1,313	-
OTC derivatives	53	6,440	12	76	6,288	11
	3,422	61,545	1,102	2,925	61,685	1,227
Gross business and government portfolios	329,382	383,825	85,746	339,855	379,150	87,136
Less: collateral held for repo-style transactions ⁽⁴⁾	24,557	284,541	-	25,344	277,153	-
Net business and government portfolios	304,825	99,284	85,746	314,511	101,997	87,136
Retail portfolios						
Real estate secured personal lending						
Drawn	283,355	934	5,356	281,415	958	5,413
Undrawn commitments	39,865	-	24	39,343	-	27
	323,220	934	5,380	320,758	958	5,440
Qualifying revolving retail						
Drawn	17,756	-	4,182	17,609	-	3,868
Undrawn commitments	59,149	-	3,605	61,704	-	3,539
Other off-balance sheet	401	-	131	407	-	132
	77,306	-	7,918	79,720	-	7,539
Other retail						
Drawn	14,542	-	941	14,227	-	957
Undrawn commitments	2,001	-	68	2,043	-	68
Other off-balance sheet	3	-	-	3	-	-
	16,546	-	1,009	16,273	-	1,025
SME retail						
Drawn	3,108	-	-	3,099	-	-
Undrawn commitments	1,224	-	-	1,221	-	-
Other off-balance sheet	23	-	-	23	-	-
	4,355	-	-	4,343	-	-
Total retail portfolios	421,427	934	14,307	421,094	958	14,004
Securitization exposures ⁽³⁾⁽⁵⁾	23,070	-	13,004	21,460	-	14,094
Gross credit exposure ⁽⁶⁾	773,879	384,759	113,057	782,409	380,108	115,234
Less: collateral held for repo-style transactions	24,557	284,541	-	25,344	277,153	-
Net credit exposure ⁽⁶⁾	749,322	100,218	113,057	757,065	102,955	115,234

(1) Gross credit exposure is net of derivative master netting agreements and CVA but is before allowance for credit losses or CRM.

(2) Includes exposures subject to the supervisory slotting approach.

(3) Beginning in Q1/23, excludes certain exposures previously subject to AIRB, now included under the standardized securitization approach pursuant to a change in methodology.

(4) In Q2/23, as part of the implementation of the Basel III reforms, certain exposures in which we act as a guarantor were prospectively reclassified from other off-balance sheet to repo-style transactions with the inclusion of the collateral held now included in collateral held for repo-style transactions.

(5) OSFI guidelines define a hierarchy of approaches for treating securitization exposures in our banking book. Depending on the underlying characteristics, exposures are eligible for either the SA or the IRB approach. The ERBA, which is inclusive of IAA, includes exposures that qualify for the IRB approach, as well as exposures under the SA.

(6) Excludes exposures arising from derivative and repo-style transactions which are cleared through QCCPs as well as credit risk exposures arising from other assets that are subject to the credit risk framework, including other balance sheet assets which are risk-weighted at 100%, significant investments in the capital of non-financial institutions which are risk-weighted at 1250%, settlement risk, and amounts below the thresholds for deduction which are risk-weighted at 250%. Non-trading equity exposures are also excluded and are subject to a range of risk-weightings dependent on the nature of the security starting in Q2/23. Risk-weighting for non-trading equity securities was at 100% prior to Q2/23.

(7) Prior to Q2/23, other retail includes SME retail.

CREDIT EXPOSURE (EAD ⁽¹⁾) (continued)

(\$ millions)	Q1/23		Q4/22		Q3/22	
	AIRB approach ⁽²⁾	Standardized approach	AIRB approach ⁽²⁾	Standardized approach	AIRB approach ⁽²⁾	Standardized approach
Business and government portfolios						
Corporate ⁽³⁾						
Drawn	146,472	46,398	151,361	45,924	142,785	43,275
Undrawn commitments	62,951	10,125	64,470	10,142	62,741	9,538
Repo-style transactions	177,867	-	185,680	-	164,637	-
Other off-balance sheet	15,642	823	14,181	831	14,381	977
OTC derivatives	8,959	125	13,094	98	14,545	148
	411,891	57,471	428,786	56,995	399,089	53,938
Sovereign						
Drawn	146,902	26,035	149,200	28,680	130,271	24,060
Undrawn commitments	8,811	-	8,560	-	8,520	-
Repo-style transactions	20,683	-	24,228	-	25,466	-
Other off-balance sheet	2,488	-	2,421	-	2,331	-
OTC derivatives	2,479	-	2,475	-	2,230	-
	181,363	26,035	186,884	28,680	168,818	24,060
Banks						
Drawn	15,417	1,003	14,151	1,548	14,608	2,073
Undrawn commitments	1,484	19	1,297	18	1,346	17
Repo-style transactions	45,953	-	46,155	-	46,582	-
Other off-balance sheet	67,908	-	74,748	-	72,402	-
OTC derivatives	6,064	12	6,287	12	6,456	13
	136,826	1,034	142,638	1,578	141,394	2,103
Gross business and government portfolios	730,080	84,540	758,308	87,253	709,301	80,101
Less: collateral held for repo-style transactions	226,778	-	237,484	-	219,326	-
Net business and government portfolios	503,302	84,540	520,824	87,253	489,975	80,101
Retail portfolios						
Real estate secured personal lending						
Drawn	282,021	5,379	281,518	5,491	279,146	5,085
Undrawn commitments	37,883	-	38,038	-	38,703	-
	319,904	5,379	319,556	5,491	317,849	5,085
Qualifying revolving retail						
Drawn	16,408	-	18,034	-	17,031	-
Undrawn commitments	60,486	-	58,471	-	57,754	-
Other off-balance sheet	335	-	375	-	371	-
	77,229	-	76,880	-	75,156	-
Other retail ⁽⁷⁾						
Drawn	17,411	4,816	17,519	5,099	17,335	4,854
Undrawn commitments	3,439	27	3,308	28	3,207	26
Other off-balance sheet	38	85	45	121	39	127
	20,888	4,928	20,872	5,248	20,581	5,007
Total retail portfolios	418,021	10,307	417,308	10,739	413,586	10,092
Securitization exposures ⁽³⁾⁽⁴⁾	17,259	14,038	15,333	3,257	15,401	3,476
Gross credit exposure	1,165,360	108,885	1,190,949	101,249	1,138,288	93,669
Less: collateral held for repo-style transactions	226,778	-	237,484	-	219,326	-
Net credit exposure ⁽⁵⁾	938,582	108,885	953,465	101,249	918,962	93,669

For footnotes, see page 69.

CREDIT EXPOSURE - GEOGRAPHIC CONCENTRATION ⁽¹⁾⁽²⁾

(\$ millions)

	Q3/23	Q2/23	Q1/23	Q4/22	Q3/22
Business and government					
Canada					
Drawn	183,352	192,601	193,810	195,500	181,638
Undrawn commitments	40,180	40,537	51,840	51,733	51,688
Repo-style transactions	4,328	5,854	7,031	8,629	8,241
Other off-balance sheet ⁽³⁾	8,183	8,111	71,256	74,955	73,765
OTC derivatives	8,831	9,235	8,953	11,100	9,804
	244,874	256,338	332,890	341,917	325,136
United States					
Drawn ⁽⁴⁾	90,581	87,744	83,560	89,657	76,213
Undrawn commitments	11,891	11,778	15,460	16,322	14,497
Repo-style transactions	4,207	3,846	5,144	5,430	4,677
Other off-balance sheet ⁽³⁾	4,448	4,550	7,431	7,646	7,268
OTC derivatives	4,281	4,441	4,564	6,547	8,929
	115,408	112,359	116,159	125,602	111,584
Europe					
Drawn	13,636	16,486	15,417	13,330	13,917
Undrawn commitments	3,519	3,363	3,865	3,693	3,898
Repo-style transactions	2,014	2,387	2,295	1,857	1,794
Other off-balance sheet ⁽³⁾	1,834	2,114	6,726	8,190	7,519
OTC derivatives	2,143	2,180	2,007	2,157	2,721
	23,146	26,530	30,310	29,227	29,849
Other countries					
Drawn	14,189	15,023	16,004	16,225	15,896
Undrawn commitments	1,851	1,700	2,081	2,579	2,524
Repo-style transactions	2,413	2,143	3,255	2,663	2,647
Other off-balance sheet	568	616	625	559	562
OTC derivatives	1,660	1,799	1,978	2,052	1,777
	20,681	21,281	23,943	24,078	23,406
Total business and government	404,109	416,508	503,302	520,824	489,975

(1) Excludes securitization exposures, and exposures under the SA. Substantially all of our retail exposures under the AIRB approach are based in Canada.

(2) Classification by country is primarily based on domicile of debtor or customer.

(3) In Q2/23, as part of the implementation of the Basel III reforms, certain gross exposures in which we act as a guarantor that were previously included in other off-balance sheet are now included in repo-style transactions, net of collateral held.

(4) Beginning in Q1/23, excludes certain exposures previously subject to AIRB, now included under the standardized securitization approach pursuant to a change in methodology.

CREDIT EXPOSURE - MATURITY PROFILE ⁽¹⁾

(\$ millions)	Q3/23	Q2/23	Q1/23	Q4/22	Q3/22
Business and government portfolios					
Corporate ⁽²⁾					
Less than 1 year ⁽³⁾	85,885	91,282	88,053	89,388	89,400
1 - 3 years	78,251	79,075	97,272	97,616	91,649
3 - 5 years	51,997	49,925	59,639	67,327	63,427
Over 5 years	909	944	829	678	891
	217,042	221,226	245,793	255,009	245,367
Sovereign					
Less than 1 year ⁽³⁾	48,757	62,182	24,583	25,326	17,450
1 - 3 years	47,901	40,165	71,877	77,708	62,714
3 - 5 years	67,796	68,413	64,846	60,625	64,195
Over 5 years	594	698	699	716	742
	165,048	171,458	162,005	164,375	145,101
Banks					
Less than 1 year ⁽³⁾	14,095	15,996	80,773	86,215	84,803
1 - 3 years	4,530	4,281	11,399	12,625	11,856
3 - 5 years	3,162	3,340	3,159	2,453	2,669
Over 5 years	232	207	173	147	179
	22,019	23,824	95,504	101,440	99,507
Total business and government portfolios	404,109	416,508	503,302	520,824	489,975
Retail portfolios					
Real estate and secured personal lending					
Less than 1 year ⁽³⁾⁽⁴⁾	89,100	86,005	90,658	88,593	86,866
1 - 3 years ⁽⁴⁾	169,695	154,110	119,761	106,430	94,449
3 - 5 years	63,663	79,698	106,722	121,463	133,143
Over 5 years	1,696	1,903	2,763	3,070	3,391
	324,154	321,716	319,904	319,556	317,849
Qualifying revolving retail					
Less than 1 year ⁽³⁾	77,306	79,720	77,229	76,880	75,156
	77,306	79,720	77,229	76,880	75,156
Other retail ⁽⁵⁾					
Less than 1 year ⁽³⁾⁽⁴⁾	8,028	8,225	12,869	12,991	13,165
1 - 3 years ⁽⁴⁾	888	877	883	832	798
3 - 5 years	2,522	2,373	2,270	2,177	2,075
Over 5 years	5,108	4,798	4,866	4,872	4,543
	16,546	16,273	20,888	20,872	20,581
SME retail ⁽⁵⁾					
Less than 1 year ⁽³⁾	143	135	n/a	n/a	n/a
1 - 3 years	2,467	2,414	n/a	n/a	n/a
3 - 5 years	1,745	1,794	n/a	n/a	n/a
Over 5 years	-	-	n/a	n/a	n/a
	4,355	4,343	n/a	n/a	n/a
Total retail portfolios	422,361	422,052	418,021	417,308	413,586
Total credit exposure	826,470	838,560	921,323	938,132	903,561

(1) Excludes securitization exposures, and exposures under the SA.

(2) Beginning in Q1/23, excludes certain exposures previously subject to AIRB, now included under the standardized securitization approach pursuant to a change in methodology.

(3) Demand loans without a maturity date are included in the "Less than 1 year" category.

(4) Certain prior period information has been restated to conform to the current quarter presentation.

(5) Prior to Q2/23, other retail includes SME retail.

n/a Not applicable.

CREDIT RISK ASSOCIATED WITH DERIVATIVES

(\$ millions)	Q3/23			Q3/23	Q2/23	Q1/23	Q4/22	Q3/22	
	Current replacement cost ⁽¹⁾			Credit equivalent amount ⁽²⁾	Risk-weighted amount				
	Trading	Asset/liability management	Total						
Interest rate derivatives									
Over-the-counter									
Forward rate agreements	1	1	2	7	3	39	3	2	5
Swap contracts	928	25	953	2,765	744	873	645	422	709
Purchased options	15	-	15	34	18	31	27	16	15
Written options	-	-	-	15	7	6	7	3	9
	944	26	970	2,821	772	949	682	443	738
Exchange-traded	4	-	4	292	9	5	5	7	10
Total interest rate derivatives	948	26	974	3,113	781	954	687	450	748
Foreign exchange derivatives									
Over-the-counter									
Forward contracts	748	277	1,025	4,438	1,467	1,575	1,136	1,922	1,306
Swap contracts	298	381	679	2,923	833	854	733	721	801
Purchased options	59	-	59	259	135	182	159	267	130
Written options	33	-	33	159	63	62	51	46	26
	1,138	658	1,796	7,779	2,498	2,673	2,079	2,956	2,263
Exchange-traded	-	-	-	104	4	-	-	-	-
Total foreign exchange derivatives	1,138	658	1,796	7,883	2,502	2,673	2,079	2,956	2,263
Credit derivatives									
Over-the-counter									
Credit default swap contracts - protection purchased	1	-	1	100	17	16	17	19	16
Credit default swap contracts - protection sold	9	-	9	33	14	10	11	11	9
	10	-	10	133	31	26	28	30	25
Equity derivatives									
Over-the-counter	198	2	200	3,962	994	1,035	924	926	938
Exchange-traded	890	-	890	5,240	166	130	138	87	100
	1,088	2	1,090	9,202	1,160	1,165	1,062	1,013	1,038
Precious metal and other commodity derivatives									
Over-the-counter	1,406	-	1,406	2,775	1,171	1,340	952	1,655	2,419
Exchange-traded	34	-	34	1,600	64	77	66	122	151
	1,440	-	1,440	4,375	1,235	1,417	1,018	1,777	2,570
RWA related to non-trade exposures to central counterparties					355	432	349	366	349
RWA related to CVA capital charge					5,911	6,186	5,163	6,696	8,442
Total derivatives	4,624	686	5,310	24,706	11,975	12,853	10,386	13,288	15,435

(1) Current replacement cost reflects the current mark-to-market value of derivatives offset by eligible financial collateral, where present.

(2) Under IMM, expected effective positive exposure is used, which computes through simulation, the expected exposures with consideration to the expected movements in underlying risk factor and netting/collateral agreements. The EAD is calculated as expected effective positive exposure multiplied by the prescribed alpha factor of 1.4. The EAD under SA-CCR is calculated as the sum of replacement cost and potential future exposure, multiplied by the prescribed alpha factor of 1.4.

AIRB CREDIT RISK EXPOSURE - LOSS EXPERIENCE ⁽¹⁾

	Q3/23		Q2/23		Q1/23		Q4/22		Q3/22	
	Expected loss rate %	Actual loss rate %	Expected loss rate %	Actual loss rate %	Expected loss rate %	Actual loss rate %	Expected loss rate %	Actual loss rate %	Expected loss rate %	Actual loss rate %
Business and government portfolios										
Corporate	0.40	0.25	0.43	0.13	0.44	0.06	0.47	0.02	0.48	0.01
Sovereign	0.01	-	0.01	-	0.01	-	0.01	-	0.01	-
Banks	0.12	-	0.14	-	0.15	-	0.16	-	0.30	-
Retail portfolios										
Real estate secured personal lending	0.09	0.01	0.08	0.01	0.08	0.01	0.08	0.01	0.09	0.01
Qualifying revolving retail	3.30	2.61	3.16	2.43	3.24	2.24	3.09	2.00	3.06	1.88
Other retail ⁽²⁾	1.44	0.49	1.31	0.42	1.46	0.32	1.41	0.29	1.44	0.26
SME retail ⁽²⁾	2.23	0.19	2.02	0.14	n/a	n/a	n/a	n/a	n/a	n/a

(1) Actual loss rates for each quarter represent the provision for credit loss for impaired loans for the previous 12 months, divided by the outstanding balance at the beginning of the previous 12 month period. The expected loss rate represents the loss rate that was predicted by the Basel parameter estimates at the beginning of the period defined above.

Differences between actual and expected loss rates are due to the following reasons:

Expected losses are generally calculated using "through the business cycle" risk parameters while actual losses are determined at a "point in time" and reflect more current economic conditions. "Through the cycle" parameters are estimated to include a long time horizon and as a result, actual losses may exceed expected losses during an economic downturn and may fall below expected losses during times of economic growth.

(2) Prior to Q2/23, other retail includes SME retail.

n/a Not applicable.

Advanced internal ratings-based (AIRB) approach for credit risk

Version of the IRB approach to credit risk where institutions provide their own estimates of PD, LGD, EAD, and their own calculation of effective maturity, subject to meeting minimum standards. Effective in Q2/23, AIRB is no longer permitted for some exposure categories.

Asset/liability management (ALM)

The practice of managing risks that arise from mismatches between the assets and liabilities, mainly in the non-trading areas of the bank. Techniques are used to manage the relative duration of CIBC's assets (such as loans) and liabilities (such as deposits), in order to minimize the adverse impact of changes in interest rates.

Bail-in eligible liabilities

Bail-in eligible liabilities include long-term (i.e., original maturity over 400 days), unsecured senior debt issued on or after September 23, 2018 that is tradable and transferrable, and any preferred shares and subordinated debt that are not considered NVCC. Consumer deposits, secured liabilities (including covered bonds), certain financial contracts (including derivatives) and certain structured notes are not bail-in eligible.

Bank exposures

All direct credit risk exposures to deposit-taking institutions and regulated securities firms, and exposures guaranteed by those entities.

Business and government portfolio

A category of exposures that includes lending to businesses and governments, where the primary basis of adjudication relies on the determination and assignment of an appropriate risk rating that reflects the credit risk of the exposure.

Central counterparty (CCP)

A clearing house that interposes itself between counterparties to clear contracts traded in one or more financial markets, becoming the buyer to every seller and the seller to every buyer and thereby ensuring the future performance of open contracts.

Comprehensive approach for securities financing transactions (SFTs)

A framework for the measurement of counterparty credit risk with respect to SFTs, which utilizes a volatility-adjusted collateral value to reduce the amount of the exposure.

Common Equity Tier 1 (CET1), Tier 1 and Total capital ratios

CET1, Tier 1 and total regulatory capital, divided by risk-weighted assets (RWA), as defined by Office of the Superintendent of Financial Institutions (OSFI's) Capital Adequacy Requirements (CAR) Guideline, which is based on Basel Committee on Banking Supervision (BCBS) standards.

Corporate exposures

All direct credit risk exposures to corporations, partnerships and proprietorships, and exposures guaranteed by those entities.

Credit risk

The risk of financial loss due to a borrower or counterparty failing to meet its obligations in accordance with contractual terms.

Drawn exposure

The amount of credit risk exposure resulting from loans and other receivables advanced to the customer.

Exposure at default (EAD)

An estimate of the amount of exposure to a customer at the event of, and at the time of, default.

Foundation internal ratings-based (FIRB) approach for credit risk

Version of the IRB approach to credit risk where institutions provide their own estimates of PD, and their own calculation of effective maturity and rely on prescribed supervisory estimates for other risk components such as LGD and EAD. Effective in Q2/23, FIRB methodology must be used for some exposure categories.

Internal models approach (IMA) for market risk

Models, which have been developed by CIBC and approved by OSFI, for the measurement of risk and regulatory capital in the trading portfolio for general market risk, debt specific risk, and equity specific risk.

Internal model method (IMM) for counterparty credit risk

Models, which have been developed by CIBC and approved by OSFI, for the measurement of counterparty credit risk with respect to over-the-counter derivatives.

Internal ratings-based (IRB) approach for credit risk

Approach to determining credit risk capital requirements based on risk components such as PD, LGD, EAD and effective maturity.

Internal ratings-based approach for securitization exposures

This approach comprises two calculation methods available for securitization exposures that require OSFI approval: Internal Ratings-Based (SEC-IRBA) approach is available to the banks approved to use the IRB approach for underlying exposures securitized and the Internal Assessment Approach (SEC-IAA) is available for certain securitization exposures extended to asset-backed commercial paper (ABCP) programs.

Leverage ratio exposure

The leverage ratio exposure is defined under the OSFI rules as on-balance sheet assets (unweighted) less Tier 1 capital regulatory adjustments plus derivative exposures, SFTs exposures with a limited form of netting under certain conditions, and other off-balance sheet exposures (such as commitments, direct credit substitutes, undrawn credit card exposures, securitization exposures and unsettled trades).

Leverage ratio

Defined as Tier 1 capital divided by the leverage ratio exposure determined in accordance with guidelines issued by OSFI, which are based on BCBS standards.

Loss given default (LGD)

An estimate of the amount of exposure to a customer that will not be recovered following a default by that customer, expressed as a percentage of the EAD. LGD is generally based on through-the-cycle assumptions for regulatory capital purposes, and generally based on point-in-time assumptions reflecting forward-looking information for International Financial Reporting Standard (IFRS) 9 expected credit loss purposes.

Market risk

The risk of economic financial loss in our trading and non-trading portfolios from adverse changes in underlying market factors, including interest rates, foreign exchange rates, equity market prices, commodity prices, credit spreads and customer behaviour for retail products.

Master netting agreement

An industry standard agreement designed to reduce the credit risk of multiple transactions with a counterparty through the creation of a legal right of offset of exposures in the event of a default by that counterparty and through the provision for net settlement of all contracts through a single payment.

Non-viability contingent capital (NVCC)

Effective January 1, 2013, in order to qualify for inclusion in regulatory capital, all non-common Tier 1 and Tier 2 capital instruments must be capable of absorbing losses at the point of non-viability of a financial institution. This will ensure that investors in such instruments bear losses before taxpayers where the government determines that it is in the public interest to rescue a non-viable bank.

Operational risk

The risk of loss resulting from people, inadequate or failed internal processes and systems, or from external events.

Other off-balance sheet exposure

The amount of credit risk exposure resulting from the issuance of guarantees and letters of credit.

Other retail

This exposure class includes all loans other than qualifying revolving retail and real estate secured personal lending that are extended to individuals under the regulatory capital reporting framework.

Over-the-counter derivatives exposure

The amount of credit risk exposure resulting from derivatives that trade directly between two counterparties, rather than through exchanges.

Probability of default (PD)

An estimate of the likelihood of default for any particular customer which occurs when that customer is not able to repay its obligations as they become contractually due. PD is based on through-the-cycle assumptions for regulatory capital purposes, and based on point-in-time assumptions reflecting forward-looking information for IFRS 9 expected credit loss purposes.

Qualifying central counterparty (QCCP)

An entity that is licensed to operate as a CCP and is permitted by the appropriate regulator or oversight body to operate as such with respect to the products offered by that CCP.

Qualifying revolving retail

This exposure class includes credit cards, unsecured lines of credit and overdraft protection products extended to individuals. Under the SA, these exposures would be included under "other retail".

Real estate secured personal lending

This exposure class includes residential mortgages and home equity loans and lines of credit extended to individuals.

Regulatory capital

Regulatory capital, as defined by OSFI's CAR Guideline, is comprised of CET1, Additional Tier 1 (AT1) and Tier 2 capital. CET1 capital includes common shares, retained earnings, accumulated other comprehensive income (AOCI) (excluding AOCI relating to cash flow hedges and changes in fair value option liabilities attributable to changes in own credit risk) and qualifying instruments issued by a consolidated banking subsidiary to third parties, less regulatory adjustments for items such as goodwill and other intangible assets, certain deferred tax assets, net assets related to defined benefit pension plans, and certain investments. AT1 capital primarily includes NVCC preferred shares, Limited Recourse Capital Notes, and qualifying instruments issued by a consolidated subsidiary to third parties. Tier 1 capital is comprised of CET1 plus AT1. Tier 2 capital includes NVCC subordinated indebtedness, eligible general allowances, and qualifying instruments issued by a consolidated subsidiary to third parties. Total capital is comprised of Tier 1 capital plus Tier 2 capital. Qualifying regulatory capital instruments must be capable of absorbing loss at the point of non-viability of the financial institution.

Repo-style transactions exposure

The amount of credit risk exposure resulting from our securities bought or sold under resale agreements, as well as securities borrowing and lending activities.

Resecuritization

A securitization exposure in which the risk associated with an underlying pool of exposures is tranching and at least one of the underlying exposures is a securitization exposure.

Retail portfolios

A category of exposures that primarily includes consumer but also small business lending, where the primary basis of adjudication relies on credit scoring models.

Risk-weighted assets (RWA)

RWA consist of three components: (i) RWA for credit risk, which are calculated using the IRB and SAs, (ii) RWA for market risk, and (iii) RWA for operational risk. The IRB RWA are calculated using PDs, LGDs, EADs, and in some cases maturity adjustments, while the SA applies risk weighting factors specified in the OSFI guidelines to on- and off-balance sheet exposures. The RWA for market risk in the trading portfolio are based on the internal models approved by OSFI with the exception of the RWA for traded securitization assets where we are using the methodology defined by OSFI. The RWA for operational risk, which relate to the risk of losses resulting from people, inadequate or failed internal processes, and systems or from external events, are calculated under a SA.

Since the introduction of Basel II in 2008, OSFI has prescribed a capital floor requirement for institutions that use the AIRB approach for credit risk. The capital floor is determined by comparing a capital requirement calculated by reference to the Basel II SA against the Basel III calculation, as specified by OSFI. Any shortfall in the Basel III capital requirement is added to RWA.

Securitization

The process of selling assets (normally financial assets such as loans, leases, trade receivables, credit card receivables or mortgages) to trusts or other structured entities (SEs). A SE normally issues securities or other forms of interests to investors and/or the asset transferor, and the SE uses the proceeds from the issue of securities or other forms of interest to purchase the transferred assets. The SE will generally use the cash flows generated by the assets to meet the obligations under the securities or other interests issued by the SE, which may carry a number of different risk profiles.

Specialized lending (SL)

A subset of Corporate exposures falling into one of the following sub-classes: project finance (PF), object finance (OF), commodities finance (CF), income-producing real estate (IPRE), and high-volatility commercial real estate (HVCRE). Primary source of repayment for such credits is the income generated by the asset(s), rather than the independent capacity of a broader commercial enterprise.

Sovereign exposures

All direct credit risk exposures to governments, central banks and certain public sector entities, and exposures guaranteed by those entities.

Simple, transparent and comparable (STC) securitizations

Securitization exposures satisfying a set of regulatory STC criteria. Such exposures qualify for a preferential capital treatment under the securitization framework.

Small and medium enterprises (SME) retail

This exposure class includes all loans extended to scored small businesses under the regulatory capital reporting framework.

Standardized approach for credit risk

Applied to exposures when there is not sufficient information to allow for the use of the AIRB approach for credit risk. Credit risk capital requirements are calculated based on a standardized set of risk weights as prescribed in the CAR Guideline. The standardized risk weights are based on external credit assessments, where available, and other risk-related factors, including export credit agencies, exposure asset class, collateral, etc.

Standardized approach for operational risk

Effective Q2/23, is based on a prescribed formula made up of three components: (i) the Business Indicator (BI) which is a financial-statement-based proxy for operational risk, (ii) the Business Indicator Component (BIC) which is calculated by multiplying the BI by a set of regulatory determined marginal coefficients, and (iii) the Internal Loss Multiplier which is a scaling factor that is based on the average historical operational losses and the BIC.

Standardized approach for securitization exposures

This approach comprises the calculation methods available for securitization exposures that do not require OSFI approval: securitization External Ratings-Based (SEC-ERBA) and securitization SA (SEC-SA).

Total loss absorbing capacity (TLAC) measure

The sum of Total capital and bail-in-eligible liabilities (as defined above) that have a residual maturity greater than one year.

Total loss absorbing capacity ratio

Defined as TLAC measure divided by RWA determined in accordance with guidelines issued by OSFI.

Total loss absorbing capacity leverage ratio

Defined as TLAC measure divided by leverage ratio exposure determined in accordance with guidelines issued by OSFI.

Transitional arrangements for capital treatment of expected loss provisioning

On March 27, 2020, OSFI introduced transitional arrangements for expected credit loss provisioning. These arrangements result in a portion of allowances that would otherwise be included in Tier 2 capital qualifying for inclusion in CET1 capital. The amount of expected credit loss allowances eligible for inclusion in CET1 capital is determined based on the increase in stage 1 and stage 2 allowances relative to balances as at January 31, 2020 as a baseline. This amount is then adjusted for tax effects and is subject to a scaling factor that will decrease over time. The scaling factor has been set at 70% for fiscal 2020, 50% for fiscal 2021, and 25% for fiscal 2022. For exposures under the IRB approach, the lower of this amount and excess allowances eligible for inclusion in Tier 2 capital is included as CET1 capital under the transitional arrangements. The transitional arrangement was no longer applicable beginning in Q1/23.

Value-at-Risk (VaR)

Generally accepted risk measure that uses statistical models to estimate the distribution of possible returns on a given portfolio at a specified level of confidence and time horizon.