



Pillar 3 Report
and
Supplementary
Regulatory
Capital Disclosure

For the period ended
October 31, 2020

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This document is unaudited and should be read in conjunction with our quarterly news release for Q4/20, and our 2020 annual report (including audited consolidated financial statements and accompanying management's discussion and analysis). 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). For Basel-related terms used in this package, refer to the Glossary. All amounts in this document are in millions of Canadian dollars, unless otherwise stated.

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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. The disclosures are located in our Annual Report, and supplementary packages, which may 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 Capital Adequacy Requirements (CAR) Guideline issued by the Office of the Superintendent of Financial Institutions (OSFI) is inclusive of requirements relating to counterparty credit risk, 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 65 to 70 of this document and disclosures in CIBC's 2020 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 64 of this document provides a disaggregation of these amounts.

Topic	Identifier	Table and templates	Pillar 3 Report	2020 Annual Report	Supplementary Financial Information
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Overview of risk management, key prudential metrics and RWA	KM2	Key metrics - TLAC requirements (at resolution group level)	3	31, 43-49, 53-55, 57, 64, 68, 71-72, 74, 80-82	
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Market risk		n/a ⁽⁶⁾			

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

(2) CIBC is not a global systemically important bank (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 2020 Annual Report for additional details.

(4) As at October 31, 2020, the use of credit derivatives reduced RWA relating to corporate exposures under the AIRB approach by \$23 million, which is not significant.

(5) 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.

(6) We have elected to apply the exception permitted in the "Pillar 3 Disclosure Requirements" guideline issued by OSFI to provide the revised Pillar 3 disclosure requirements relating to market risk when the second phase of the revised Pillar 3 disclosure requirements comes into effect.

n/a Not applicable.

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

(\$ millions)

	Q4/20	Q3/20	Q2/20	Q1/20	Q4/19
	a	b	c	d	e
1 TLAC available ⁽²⁾	60,612	58,141	53,493	49,441	44,483
1a TLAC available with transitional arrangements for expected credit loss (ECL) provisioning not applied ⁽²⁾	60,612	58,141	53,493	n/a	n/a
2 Total RWA at the level of the resolution group	254,871	256,683	261,763	252,099	239,863
3 TLAC ratio: TLAC as a percentage of RWA (row 1 / row 2) (%) ⁽²⁾	23.8%	22.7%	20.4%	19.6%	18.5%
3a TLAC ratio: TLAC as a percentage of RWA (row 1a / row 2) (%) available with transitional arrangements for ECL provisioning not applied ⁽²⁾	23.8%	22.7%	20.4%	n/a	n/a
4 Leverage ratio exposure measure at the level of the resolution group	741,760	724,111	726,959	738,476	714,343
5 TLAC Leverage Ratio: TLAC as a percentage of leverage ratio exposure measure (row 1 / row 4) (%) ⁽²⁾	8.2%	8.0%	7.4%	6.7%	6.2%
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) (%) ⁽²⁾	8.2%	8.0%	7.4%	n/a	n/a
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) The Canadian bail-in regime, including OSFI's TLAC Guideline, came into effect on September 23, 2018. Under this regime, CIBC is required to meet target TLAC requirements by November 1, 2021. As a domestic systemically important bank (D-SIB), CIBC will be subject to a target risk-based TLAC Ratio (which is comprised of a minimum ratio of 21.5% plus the then applicable Domestic Stability Buffer) and a minimum TLAC Leverage Ratio of 6.75%. In May 2018, OSFI issued a final guideline on TLAC disclosure requirements that required D-SIBs to begin disclosing their TLAC and TLAC leverage ratios in Q1/19.

(2) Effective beginning in Q2/20, lines 1, 3 and 5 incorporate ECL transitional relief provided by OSFI as announced on March 27, 2020. Lines 1a, 3a and 5a represent TLAC available with transitional arrangements for ECL provisioning not applied.
n/a Not applicable.



OV1: OVERVIEW OF RWA ⁽¹⁾

(\$ millions)

	Q4/20		Q3/20	Q2/20	Q1/20	Q4/19
	a	b	c	d	e	f
	RWA ⁽²⁾	Minimum capital requirements	RWA ⁽²⁾			
1 Credit risk (excluding counterparty credit risk)	193,394	15,471	194,148	198,899	188,773	180,846
2 Of which: SA ⁽³⁾	55,652	4,452	56,111	58,465	54,476	50,966
Of which: supervisory slotting approach	291	23	319	360	257	289
3 Of which: AIRB approach	137,451	10,996	137,718	140,074	134,040	129,591
4 Counterparty credit risk ⁽⁴⁾⁽⁵⁾	17,120	1,370	18,250	18,369	19,141	17,237
Of which: CVA capital charge	7,202	576	8,189	8,311	7,762	6,990
Of which: exposures to central counterparties	410	33	427	458	489	419
Of which: comprehensive approach for credit risk mitigation (for securities financing transactions (SFTs))	2,619	210	2,232	2,158	2,242	1,939
5 Of which: standardized approach for counterparty credit risk (SA-CCR) ⁽⁶⁾	335	27	374	426	8,648	7,889
6 Of which: IMM ⁽⁶⁾	6,554	524	7,028	7,016	-	-
7 Equity positions in banking book under market-based approach	-	-	-	-	-	-
8 Equity investments in funds - look-through approach ⁽⁷⁾	437	35	413	364	466	405
9 Equity investments in funds - mandate-based approach ⁽⁷⁾	12	1	8	16	14	13
10 Equity investments in funds - fall-back approach ⁽⁷⁾	-	-	-	-	-	-
11 Settlement risk	28	2	-	-	-	-
12 Securitization exposures in banking book	2,735	219	2,571	2,286	2,379	1,522
12a Of which: subject to the transitional arrangement ⁽⁸⁾	-	-	-	-	-	(698)
13 Of which: internal ratings-based approach (IRBA)	597	48	317	321	333	358
14 Of which: external ratings-based approach (ERBA), including internal assessment approach (IAA)	1,848	148	1,990	1,743	1,843	1,653
15 Of which: SA ⁽⁹⁾	290	23	264	222	203	209
16 Market risk	5,858	469	6,122	7,323	7,345	6,532
17 Of which: SA	24	2	14	20	25	33
18 Of which: IMM	5,834	467	6,108	7,303	7,320	6,499
19 Operational risk ⁽¹⁰⁾	30,319	2,426	29,950	29,581	29,192	28,587
20 Of which: Basic Indicator Approach	-	-	-	-	-	-
21 Of which: SA	30,319	2,426	29,950	29,581	29,192	-
22 Of which: Advanced Measurement Approach	-	-	-	-	-	28,587
23 Amounts below the thresholds for deduction (subject to 250% risk-weight)	4,968	397	5,221	4,925	4,789	4,721
24 Floor adjustment	-	-	-	-	-	-
25 Total (1+4+7+8+9+10+11+12+16+19+23+24)	254,871	20,390	256,683	261,763	252,099	239,863

(1) For changes in RWA, refer to table "Changes in RWA" on page 5.

(2) Amounts are inclusive of a 6% scaling factor adjustment.

(3) Includes RWA of \$6,746 million (Q3/20: \$6,698 million) relating to other assets that are subject to the credit risk framework but are not included in the standardized or IRB frameworks. Also includes RWA of \$494 million (Q3/20: \$525 million) relating to non-trading equity investments.

(4) Comprises derivative and repo-style transactions.

(5) Certain prior period information has been reclassified to conform to the presentation adopted in Q2/20.

(6) Effective Q2/20, CIBC adopted IMM for calculating counterparty credit risk exposure for qualifying derivative transactions. Certain transactions remain under SA-CCR.

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

(8) OSFI permitted the initial impact of the adoption of the securitization framework to be phased in over a one-year period as a negative adjustment to RWA. This transitional arrangement only applied in 2019, which was the one-year phase-in period for CIBC.

(9) Includes securitization exposures which are risk-weighted at 1250%.

(10) Effective beginning in Q1/20, OSFI requires deposit-taking institutions that were previously approved to report using the Advanced Measurement Approach, which includes CIBC, to report using the SA.



CHANGES IN RWA

(\$ millions)	Q4/20 vs. Q3/20			Q3/20 vs. Q2/20	Q2/20 vs. Q1/20	Q1/20 vs. Q4/19
		CR8				
		Of which determined under an IRB approach	Of which all other ⁽¹⁾			
Credit risk						
1 Balance at beginning of period	202,361	137,718	64,643	206,490	196,421	187,507
2 Asset size ⁽²⁾	(1,423)	(1,371)	(52)	(1,808)	4,811	5,124
3 Asset quality ⁽³⁾	1,388	1,394	(6)	228	905	(708)
4 Model updates ⁽⁴⁾	(61)	(50)	(11)	289	-	1,720
5 Methodology and policy ⁽⁵⁾	-	-	-	-	-	658
6 Acquisitions and disposals	-	-	-	-	-	-
7 Foreign exchange movements	(528)	(240)	(288)	(3,159)	4,154	403
8 Other ⁽⁶⁾	(163)	-	(163)	321	199	1,717
9 Balance at end of period	201,574	137,451	64,123	202,361	206,490	196,421
		CCR7				
		Of which determined under an IMM approach	Of which all other ⁽⁷⁾			
Counterparty credit risk						
1 Balance at beginning of period	18,250	7,028	11,222	18,369	19,141	17,237
2 Asset size ⁽²⁾	(847)	(402)	(445)	261	1,941	1,884
3 Credit quality of counterparties ⁽³⁾	(119)	(30)	(89)	67	111	24
4 Model updates ⁽⁴⁾	(81)	(14)	(67)	17	-	(96)
5 Methodology and policy ⁽⁵⁾⁽⁸⁾	-	-	-	-	(3,558)	-
6 Acquisitions and disposals	-	-	-	-	-	-
7 Foreign exchange movements	(83)	(28)	(55)	(464)	734	92
8 Other	-	-	-	-	-	-
9 Balance at end of period	17,120	6,554	10,566	18,250	18,369	19,141
Market risk						
1 Balance at beginning of period	6,122			7,323	7,345	6,532
2 Movement in risk levels ⁽⁹⁾	(220)			(1,924)	5,115	842
3 Model updates ⁽⁴⁾	(25)			632	615	(1)
4 Methodology and policy ⁽⁵⁾	-			-	(5,712)	-
5 Acquisitions and disposals	-			-	-	-
6 Foreign exchange movements	(19)			91	(40)	(28)
7 Other	-			-	-	-
8 Balance at end of period	5,858			6,122	7,323	7,345
Operational risk						
Balance at beginning of period	29,950			29,581	29,192	28,587
Movement in risk levels ⁽¹⁰⁾	369			369	389	605
Methodology and policy ⁽⁵⁾	-			-	-	-
Acquisitions and disposals	-			-	-	-
Balance at end of period	30,319			29,950	29,581	29,192

- (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 credit risk mitigation and credit quality of the borrower/counterparty. In Q2/20 credit migrations were mitigated by CIBC client relief and government support programs targeting both individuals and businesses in response to the COVID-19 pandemic.
- (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.
- (6) Q1/20 includes the impact of recognizing right-of-use assets as a result of our adoption of IFRS 16 on November 1, 2019.
- (7) Includes counterparty credit risk under SA-CCR for over-the-counter (OTC) derivatives not eligible for IMM, as well as the comprehensive approach for credit risk mitigation for SFTs, exposure to central counterparties, and the CVA capital charge.
- (8) Effective Q2/20, we adopted the IMM approach for counterparty credit risk for qualifying derivative transactions. Previously, these transactions were subject to SA-CCR. The impact of this change is reflected as a reduction in this line in "Of which all other" and an addition in this line in "Of which determined under an IMM approach". The net of these figures, reflected in the total column, represents the impact of this methodology change.
- (9) Relates to changes in open positions and market volatility.
- (10) Relates to changes in loss experience, business, environment, internal control factors and gross income. Beginning Q1/20, changes relate solely to changes in gross income.

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

(\$ millions)

	Q4/20						
	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	43,531	43,531	43,531	-	-	-	-
Interest-bearing deposits with banks	18,987	18,980	18,904	-	1	75	-
Securities	149,046	148,856 ⁽⁴⁾	101,746	2,836	1,314	45,796	-
Cash collateral on securities borrowed	8,547	8,547	-	8,547	-	-	-
Securities purchased under resale agreements	65,595	65,595	-	65,595	-	-	-
Loans	406,782	406,782 ⁽⁵⁾	403,020	685	1,406	22,643	1,672
Other							
Derivative instruments	32,730	32,730 ⁽⁶⁾	-	32,730	-	31,244	-
Customers' liability under acceptances	9,606	9,606	9,606	-	-	-	-
Property and equipment	2,997	2,997	2,996	-	1	-	-
Goodwill	5,253	5,253	-	-	-	-	5,253
Software and other intangible assets	1,961	1,961	-	-	-	-	1,961
Investments in equity-accounted associates and joint ventures	658	1,003	991	-	-	-	12
Deferred tax assets	650	650	1,054	-	-	-	(404) ⁽⁷⁾
Other assets	23,208	23,117	11,445	8,061	-	3,364	247
	77,063	77,317	26,092	40,791	1	34,608	7,069
Total assets	769,551	769,608	593,293	118,454	2,722	103,122	8,741
LIABILITIES							
Deposits							
Personal	202,152	202,152	-	-	-	-	202,152
Business and government	311,426	311,426	-	-	-	484	310,942
Bank	17,011	17,011	-	-	-	-	17,011
Secured borrowings	40,151	40,151	-	-	-	-	40,151
	570,740	570,740	-	-	-	484	570,256
Obligations related to securities sold short	15,963	15,963	-	-	-	13,795	2,168
Cash collateral on securities lent	1,824	1,824	-	1,824	-	-	-
Obligations related to securities sold under repurchase agreements	71,653	71,653	-	71,653	-	-	-
Other							
Derivative instruments	30,508	30,508 ⁽⁶⁾	-	30,508	-	29,436	-
Acceptances	9,649	9,649	-	-	-	-	9,649
Deferred tax liability	33	33	-	-	-	-	33
Other liabilities	22,134	22,191	-	66	-	2,386	19,739
	62,324	62,381	-	30,574	-	31,822	29,421
Subordinated indebtedness	5,712	5,712	-	-	-	-	5,712
Total liabilities	728,216	728,273	-	104,051	-	46,101	607,557

(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), 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. Bankers' acceptances issued by CIBC are considered trading loans and are subject to both credit and market risk.

(6) Trading derivatives are subject to both counterparty credit risk and market risk. Beginning in Q2/20, the full amount of derivative liabilities are reflected as subject to the counterparty credit risk framework. Prior to Q2/20, only the amount that served to reduce EAD was included.

(7) 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)

	Q4/20				
	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)	760,867	593,293	2,722	118,454	103,122
2 Liabilities carrying value amount under regulatory scope of consolidation (as per template LI1)	120,716	-	-	104,051	46,101
3 Total net amount under regulatory scope of consolidation	640,151	593,293	2,722	14,403	57,021
4 Off-balance sheet amounts ⁽³⁾	303,530	230,859	13,063	59,608	-
5 Differences in valuations	(957)	(957) ⁽⁴⁾	-	-	-
6 Differences due to different netting rules, other than those already included in row 3	11,627	-	-	11,627	-
7 Differences due to consideration of provisions ⁽⁵⁾	3,285	3,285	-	-	-
8 Differences due to prudential filters	-	-	-	-	-
9 Gross-up for securities financing transactions ⁽⁶⁾	147,086	-	-	147,086	-
10 Differences due to inclusion of potential future exposure and alpha multiplier in derivative EAD	12,931	-	-	12,931	-
11 Collateral ⁽⁷⁾	(197,086)	-	-	(197,086)	-
12 Other	-	-	-	-	-
13 Exposure amounts considered for regulatory purposes	920,567	826,480	15,785	48,569	57,021

(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 \$444 million (Q3/20: \$420 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) Includes basis adjustments for fair value hedges that impact the accounting carrying values but do not impact exposure amounts considered for regulatory purposes.

(5) 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.

(6) 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.

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

CC1: COMPOSITION OF REGULATORY CAPITAL

(\$ millions)

		Q4/20	Q3/20	Q2/20	Q1/20	Q4/19	
Row		Cross-reference ⁽¹⁾					
Common Equity Tier 1 (CET1) capital: instruments and reserves							
1	Directly issued qualifying common share capital plus related stock surplus	14,025	A+B	13,922	13,841	13,792	13,716
2	Retained earnings	22,119	C	21,726	21,238	21,543	20,972
3	Accumulated other comprehensive income (AOCI) (and other reserves)	1,435	D	1,447	2,165	879	881
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)	128	E	130	135	129	126
6	CET1 capital before regulatory adjustments	37,707		37,225	37,379	36,343	35,695
CET1 capital: regulatory adjustments							
7	Prudential valuation adjustments	24	See footnote 2	30	30	31	32
8	Goodwill (net of related tax liabilities)	5,177	F+G+H	5,422	5,596	5,396	5,375
9	Other intangibles other than mortgage-servicing rights (net of related tax liabilities)	1,662	I+J+AL	1,650	1,668	1,618	1,658
10	Deferred tax assets excluding those arising from temporary differences (net of related tax liabilities)	24	K	17	33	29	24
11	Cash flow hedge reserve	274	L	304	308	116	113
12	Shortfall of provisions to expected losses ⁽³⁾	-	See footnote 2	-	-	548	575
13	Securitization gain on sale	-		-	-	-	-
14	Gains and losses due to changes in own credit risk on fair valued liabilities	35	M+AK	51	153	53	69
15	Defined benefit pension fund net assets (net of related tax liabilities)	206	N+O	152	302	140	138
16	Investments in own shares (if not already netted off paid-in capital on reported balance sheet)	21	See footnote 2	7	-	5	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⁾	(592)		(610)	(246)	-	-
27	Regulatory adjustments applied to Common Equity Tier 1 due to insufficient Additional Tier 1 (AT1) and Tier 2 (T2) to cover deductions	-		-	-	-	-
28	Total regulatory adjustments to CET1	6,831		7,023	7,844	7,936	7,988
29	CET1 capital	30,876		30,202	29,535	28,407	27,707
29a	CET1 capital with transitional arrangements for ECL provisioning not applied	30,284		29,592	29,289	n/a	n/a
AT1 capital: instruments							
30	Directly issued qualifying AT1 instruments plus related stock surplus ⁽⁵⁾	3,575		2,825	2,825	2,825	2,825
31	of which: classified as equity under applicable accounting standards	3,575	U	2,825	2,825	2,825	2,825
32	of which: classified as liabilities under applicable accounting standards	-		-	-	-	-
33	Directly issued capital instruments subject to phase out from AT1	302	V+see footnote 6	304	305	302	302
34	AT1 instruments (and CET1 instruments not included in row 5) issued by subsidiaries and held by third parties (amount allowed in group AT1)	22	W	19	20	17	17
35	of which: instruments issued by subsidiaries subject to phase out	-		-	-	-	-
36	AT1 capital before regulatory adjustments	3,899		3,148	3,150	3,144	3,144
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	-		-	-	-	-
41a	of which: reverse mortgages	-		-	-	-	-
42	Regulatory adjustments applied to AT1 due to insufficient T2 to cover deductions	-		-	-	-	-
43	Total regulatory adjustments to AT1 capital	-		-	-	-	-
44	AT1 capital	3,899		3,148	3,150	3,144	3,144
45	T1 capital (T1 = CET1 + AT1)	34,775		33,350	32,685	31,551	30,851
45a	T1 capital with transitional arrangements for ECL provisioning not applied	34,183		32,740	32,439	n/a	n/a
T2 capital: instruments and provisions							
46	Directly issued qualifying T2 instruments plus related stock surplus ⁽⁷⁾	5,035	X	5,098	4,108	4,023	4,015
47	Directly issued capital instruments subject to phase out from T2	628	Y	674	677	636	630
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)	29	Z	25	26	23	23
49	of which: instruments issued by subsidiaries subject to phase out	-		-	-	-	-
50	General allowances	502	AA+AB	493	472	337	335
51	T2 capital before regulatory adjustments	6,194		6,290	5,283	5,019	5,003

For footnotes, see next page.



CC1: COMPOSITION OF REGULATORY CAPITAL (continued)

(\$ millions)	Q4/20	Q3/20	Q2/20	Q1/20	Q4/19
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	6,194	6,290	5,283	5,019	5,003
59 Total capital (TC = T1 + T2)	40,969	39,640	37,968	36,570	35,854
59a Total capital with transitional arrangements for ECL provisioning not applied	40,969	39,640	37,968	n/a	n/a
60 Total RWA	254,871	256,683	261,763	252,099	239,863
Capital ratios					
61 CET1 (as a percentage of RWA)	12.1%	11.8%	11.3%	11.3%	11.6%
61a CET1 (as a percentage of RWA) with transitional arrangements for ECL provisioning not applied	11.9%	11.5%	11.2%	n/a	n/a
62 T1 (as a percentage of RWA)	13.6%	13.0%	12.5%	12.5%	12.9%
62a T1 (as a percentage of RWA) with transitional arrangements for ECL provisioning not applied	13.4%	12.8%	12.4%	n/a	n/a
63 Total capital (as a percentage of RWA)	16.1%	15.4%	14.5%	14.5%	15.0%
63a Total capital (as a percentage of RWA) with transitional arrangements for ECL provisioning not applied	16.1%	15.4%	14.5%	n/a	n/a
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)	12.1%	11.8%	11.3%	11.3%	11.6%
OSFI target (minimum + capital conservation buffer + D-SIB buffer (if applicable)) ⁽⁸⁾					
69 CET1 target ratio	8.0%	8.0%	8.0%	8.0%	8.0%
70 T1 capital target ratio	9.5%	9.5%	9.5%	9.5%	9.5%
71 Total capital target ratio	11.5%	11.5%	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	392	AG+AI+AJ+ see footnote 9	305	382	279
73 Significant investments in the common stock of financials	933	AD+AE+AF	1,008	987	948
74 Mortgage servicing rights (net of related tax liability)	-	-	-	-	-
75 Deferred tax assets arising from temporary differences (net of related tax liabilities)	1,054	AC	1,081	983	967
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)	502	AA	493	472	337
77 Cap on inclusion of allowances in T2 under SA ⁽¹⁰⁾	689	-	704	731	676
78 Allowances eligible for inclusion in T2 in respect of exposures subject to IRBA (prior to application of cap)	-	AB	-	-	-
79 Cap on inclusion of allowances in T2 under IRBA ⁽¹⁰⁾	981	-	986	998	969
Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2013 and 1 Jan 2022)					
80 Current cap on CET1 instruments subject to phase out arrangements	n/a	-	n/a	n/a	n/a
81 Amounts excluded from CET1 due to cap (excess over cap after redemptions and maturities)	n/a	-	n/a	n/a	n/a
82 Current cap on AT1 instruments subject to phase out arrangements	501	V+see footnote 6	501	501	752
83 Amounts excluded from AT1 due to cap (excess over cap after redemptions and maturities)	-	AH+see footnote 6	-	-	-
84 Current cap on T2 instruments subject to phase out arrangements	901	-	901	901	1,352
85 Amounts excluded from T2 due to cap (excess over cap after redemptions and maturities)	-	-	-	-	-

(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 calculated in accordance with IFRS 9.

(4) Beginning in Q2/20, includes the impact of the ECL transitional arrangement announced by OSFI on March 27, 2020. The transitional arrangement 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 adjustments and limitations until fiscal 2022.

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

(6) Comprised CIBC Tier 1 Notes - Series B due June 30, 2108.

(7) Comprised of certain debentures which qualify as NVCC.

(8) Excludes the 1.0% (Q3/20 and Q2/20: 1.0%; Q1/20 and Q4/19: 2.0%) Domestic Stability Buffer 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.

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

(10) Certain prior period information have been restated to conform to the presentation adopted in Q3/20, which presents the amount as the allowable maximum limit before considering eligibility limitations. This presentation change did not impact regulatory capital.

n/a Not applicable.

CC2: RECONCILIATION OF REGULATORY CAPITAL TO BALANCE SHEET

(\$ millions)

	Q4/20				Cross reference to capital schedule ⁽²⁾
	Balance sheet as in report to shareholders	Insurance entities adjustment ⁽¹⁾ Deconsolidation	Equity accounting	Balance sheet as in the regulatory scope of consolidation	
Assets					
Cash and non-interest-bearing deposits with banks	43,531	-	-	43,531	
Interest-bearing deposits with banks	18,987	(7)	-	18,980	
Securities	149,046	(190)	-	148,856	
Significant investments in capital of other financial institutions not exceeding regulatory thresholds				-	AF
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds				26	AG
Significant investments in capital of non-financial institutions				-	
Other securities				148,830	
Cash collateral on securities borrowed	8,547	-	-	8,547	
Securities purchased under resale agreements	65,595	-	-	65,595	
Loans	410,322	-	-	410,322	
Allowance for credit losses	(3,540)	-	-	(3,540)	
General allowance reflected in T2 capital				(502)	AA
Excess in allowance over expected losses reflected in T2 capital				-	AB
Allowances reflected in CET1 capital per ECL transitional arrangement				(592)	
Allowances not reflected in regulatory capital				(2,446)	
Derivative instruments	32,730	-	-	32,730	
Customers' liability under acceptances	9,606	-	-	9,606	
Property and equipment	2,997	-	-	2,997	
Goodwill	5,253	-	-	5,253	F
Software and other intangible assets	1,961	-	-	1,961	I
Investments in equity-accounted associates and joint ventures	658	-	345	1,003	
Significant investments in capital of other financial institutions exceeding regulatory thresholds (10% of CET1)				-	P
Significant investments in capital of other financial institutions exceeding regulatory thresholds (15% basket of CET1)				-	R
Significant investments in capital of other financial institutions not exceeding regulatory thresholds				588	AD
Significant investments in capital of other financial institutions related to goodwill				10	G
Significant investments in capital of other financial institutions related to intangibles				2	AL
Significant investments in capital of non-financial institutions				12	
Investment in deconsolidated subsidiaries exceeding regulatory thresholds (10% of CET1)				-	Q
Investment in deconsolidated subsidiaries exceeding regulatory thresholds (15% basket of CET1)				-	S
Investment in deconsolidated subsidiaries not exceeding regulatory thresholds				345	AE
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds				23	AJ
Non-significant investments in capital of non-financial institutions				23	
Deferred tax assets	650	-	-	650	
Deferred tax assets excluding those arising from temporary differences				24	K
Deferred tax assets arising from temporary differences exceeding regulatory thresholds (15% basket of CET1)				-	T
Deferred tax assets arising from temporary differences not exceeding regulatory thresholds				1,054	AC
Deferred tax liabilities related to goodwill				(86)	H
Deferred tax liabilities related to software and other intangible assets				(301)	J
Deferred tax liabilities related to defined benefit pension fund net assets				(41)	O
Other assets					
Defined benefit pension fund net assets	247	-	-	247	N
Other	22,961	(91)	-	22,870	
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds				5	AI
Other				22,865	
Total assets	769,551	(288)	345	769,608	

For footnotes, see next page.



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

(\$ millions)	Q4/20			Cross reference to capital schedule ⁽²⁾	
	Balance sheet as in report to shareholders	Insurance entities adjustment ⁽¹⁾ Deconsolidation	Equity accounting		Balance sheet as in the regulatory scope of consolidation
Liabilities					
Deposits	570,740	-	-	570,740	
Obligations related to securities sold short	15,963	-	-	15,963	
Cash collateral on securities lent	1,824	-	-	1,824	
Obligations related to securities sold under repurchase agreements	71,653	-	-	71,653	
Derivative instruments	30,508	-	-	30,508	
Acceptances	9,649	-	-	9,649	
Deferred tax liabilities	33	-	-	33	
Other liabilities	22,134	324	(267)	22,191	
Subordinated indebtedness	5,712	-	-	5,712	
Subordinated indebtedness allowed for inclusion in T2 capital				5,035	X
Subordinated indebtedness allowed for inclusion in T2 capital subject to phase out				628	Y
Regulatory capital amortization of maturing subordinated indebtedness not allowed for T2 capital				-	
Subordinated indebtedness excluded from T2 capital due to cap				-	
Subordinated indebtedness not allowed for T2 capital				49	
Total liabilities	728,216	324	(267)	728,273	
Equity					
Preferred shares and other equity instruments	3,575	-	-	3,575	
Preferred shares and other equity instruments allowed for inclusion into additional T1 capital				3,575	U
Preferred shares and other equity instruments allowed for inclusion into additional T1 capital subject to phase out				-	V
Preferred shares and other equity instruments excluded from additional T1 capital due to cap				-	AH
Common shares	13,908	-	-	13,908	A
Common shares – treasury positions				16	
Common shares				13,892	
Contributed surplus	117	-	-	117	B
Retained earnings	22,119	(610)	610	22,119	C
Gains and losses due to changes in own credit risk on fair valued liabilities				75	M
Other retained earnings				22,044	
AOCI	1,435	(2)	2	1,435	D
Cash flow hedges				274	L
Net fair value gains (losses) arising from changes in institution's own credit risk				(40)	AK
Other				1,201	
Non-controlling interests	181	-	-	181	
Portion allowed for inclusion into CET1				128	E
Portion allowed for inclusion into additional T1 capital				22	W
Portion allowed for inclusion into T2 capital				29	Z
Portion not allowed for regulatory capital				2	
Total equity	41,335	(612)	612	41,335	
Total liabilities and equity	769,551	(288)	345	769,608	

(1) Comprises our insurance subsidiaries: CIBC Cayman Re, and CIBC Life which 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 October 31, 2020, CIBC Cayman Re had \$203 million in assets, \$(183) million in liabilities, and \$386 million in equity, CIBC Life had \$85 million in assets, \$(141) million in liabilities, and \$226 million in equity.

(2) Refer to table CC1.



CHANGES IN REGULATORY CAPITAL

(\$ millions)

	Q4/20	Q3/20	Q2/20	Q1/20	Q4/19
CET1 capital					
Opening amount	30,202	29,535	28,407	27,707	27,024
Shares issued in lieu of cash dividends (add back)	33	39	36	36	51
Other issue of common shares	56	42	42	87	46
Redeemed capital	-	-	-	-	-
Purchase of common shares for cancellation	-	-	(22)	(46)	(30)
Premium on purchase of common shares for cancellation	-	-	(47)	(119)	(79)
Gross dividends (deduction)	(682)	(681)	(679)	(672)	(673)
Profit for the quarter (attributable to shareholders of the parent company)	1,015	1,170	400	1,205	1,185
Removal of own credit spread (net of tax)	16	102	(100)	16	(11)
Change in AOCI balances included in regulatory capital					
Currency translation differences	(84)	(618)	805	77	(44)
Securities measured at fair value through other comprehensive income (FVOCI)	(37)	178	3	45	45
Cash flow hedges	(30)	(5)	193	3	41
Post-employment defined benefit plans	147	(210)	248	(105)	11
Goodwill and other intangible assets (deduction, net of related tax liabilities)	233	192	(250)	19	118
Shortfall of allowance to expected losses	-	-	548	27	1
Other, including regulatory adjustments and transitional arrangements					
Deferred tax assets that rely on future profitability (excluding those arising from temporary differences)	(7)	16	(4)	(5)	31
Defined benefit pension fund net assets	(54)	150	(162)	(2)	22
Significant investments in financial institutions (amount above 10% threshold)	-	-	-	-	-
Amount exceeding 15% threshold	-	-	-	-	-
Prudential valuation adjustments	6	-	1	1	(4)
Other ⁽¹⁾⁽²⁾	62	292	116	133	(27)
Closing amount	30,876	30,202	29,535	28,407	27,707
AT1 capital					
Opening amount	3,148	3,150	3,144	3,144	3,145
AT1 eligible capital issues ⁽³⁾	750	-	-	-	-
Redeemed capital	-	-	-	-	-
Impact of the cap on inclusion for instruments subject to phase out	-	-	-	-	-
Other, including regulatory adjustments and transitional arrangements ⁽²⁾	1	(2)	6	-	(1)
Closing amount	3,899	3,148	3,150	3,144	3,144
Total T1 capital	34,775	33,350	32,685	31,551	30,851
T2 capital					
Opening amount	6,290	5,283	5,019	5,003	5,915
New T2 eligible capital issues	-	1,000	-	-	-
Redeemed capital	(32)	-	-	-	(1,000)
Amortization adjustments	-	-	-	-	-
Impact of the cap on inclusion for instruments subject to phase out	-	-	-	-	-
Other, including regulatory adjustments and transitional arrangements ⁽²⁾	(64)	7	264	16	88
Closing amount	6,194	6,290	5,283	5,019	5,003
Total capital	40,969	39,640	37,968	36,570	35,854

(1) Includes the net impact on retained earnings as at November 1, 2019 from the adoption of IFRS 16. See Note 1 in our 2020 Annual Report for additional details.

(2) Beginning in Q2/20, includes the impact of the ECL transitional arrangement announced by OSFI on March 27, 2020. The transitional arrangement 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 adjustments and limitations until fiscal 2022.

(3) Includes limited recourse capital notes.

TLAC1: TLAC COMPOSITION (AT RESOLUTION GROUP LEVEL)

(\$ millions)

	Q4/20	Q3/20	Q2/20	Q1/20	Q4/19
Regulatory capital elements of TLAC and adjustments					
1 CET1 capital	30,876	30,202	29,535	28,407	27,707
2 AT1 capital before TLAC adjustments	3,899	3,148	3,150	3,144	3,144
3 AT1 ineligible as TLAC as issued out of subsidiaries to third parties	-	-	-	-	-
4 Other adjustments	-	-	-	-	-
5 AT1 instruments eligible under the TLAC framework	3,899	3,148	3,150	3,144	3,144
6 T2 capital before TLAC adjustments	6,194	6,290	5,283	5,019	5,003
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	6,194	6,290	5,283	5,019	5,003
11 TLAC arising from regulatory capital	40,969	39,640	37,968	36,570	35,854
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	19,696	18,519	15,585	12,971	8,648
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	19,696	18,519	15,585	12,971	8,648
Non-regulatory capital elements of TLAC: adjustments					
18 TLAC before deductions	60,665	58,159	53,553	49,541	44,502
19 Deductions of exposures between MPE 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	(53)	(18)	(60)	(100)	(19)
21 Other adjustments to TLAC	-	-	-	-	-
22 TLAC available after deductions	60,612	58,141	53,493	49,441	44,483
RWA and leverage exposure measure for TLAC purposes					
23 Total RWA adjusted as permitted under the TLAC regime	254,871	256,683	261,763	252,099	239,863
24 Leverage exposure measure	741,760	724,111	726,959	738,476	714,343
TLAC ratios and buffers⁽¹⁾					
25 TLAC Ratio (as a percentage of RWA adjusted as permitted under the TLAC regime) (%)	23.8%	22.7%	20.4%	19.6%	18.5%
26 TLAC Leverage Ratio (as a percentage of leverage exposure) (%)	8.2%	8.0%	7.4%	6.7%	6.2%
27 CET1 (as a percentage of RWA) available after meeting the resolution group's minimum capital and TLAC requirements ⁽²⁾	n/a	n/a	n/a	n/a	n/a
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) The Canadian bail-in regime, including OSFI's TLAC Guideline, came into effect on September 23, 2018. Under this regime, CIBC is required to meet target TLAC requirements by November 1, 2021. As a D-SIB, CIBC will be subject to a target risk-based TLAC Ratio (which is comprised of a minimum ratio of 21.5% plus the then applicable Domestic Stability Buffer) and a minimum TLAC Leverage Ratio of 6.75%.

(2) Not applicable until Q1/22.

n/a Not applicable.



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

(\$ millions)

	Q4/20					
	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 credit risk mitigation	13,908	3,575	5,526	19,977	-	42,986
3 Subset of row 2 that are excluded liabilities	16	-	68	52	-	136
4 Total capital and liabilities less excluded liabilities (row 2 minus row 3)	13,892	3,575	5,458	19,925	-	42,850
5 Subset of row 4 that are potentially eligible as TLAC	13,892	3,575	5,458	19,656	-	42,581
6 Subset of row 5 with 1 year ≤ residual maturity < 2 years	-	-	-	100	-	100
7 Subset of row 5 with 2 years ≤ residual maturity < 5 years	-	-	-	17,692	-	17,692
8 Subset of row 5 with 5 years ≤ residual maturity < 10 years	-	-	4,957	790	-	5,747
9 Subset of row 5 with residual maturity ≥ 10 years, but excluding perpetual securities	-	-	501	1,074	-	1,575
10 Subset of row 5 that is perpetual securities	13,892	3,575	-	-	-	17,467

(\$ millions)

	Q3/20					
	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 credit risk mitigation	13,800	2,825	5,560	18,785	-	40,970
3 Subset of row 2 that are excluded liabilities	-	-	15	18	-	33
4 Total capital and liabilities less excluded liabilities (row 2 minus row 3)	13,800	2,825	5,545	18,767	-	40,937
5 Subset of row 4 that are potentially eligible as TLAC	13,800	2,825	5,545	18,532	-	40,702
6 Subset of row 5 with 1 year ≤ residual maturity < 2 years	-	-	-	118	-	118
7 Subset of row 5 with 2 years ≤ residual maturity < 5 years	-	-	-	16,600	-	16,600
8 Subset of row 5 with 5 years ≤ residual maturity < 10 years	-	-	5,010	1,175	-	6,185
9 Subset of row 5 with residual maturity ≥ 10 years, but excluding perpetual securities	-	-	535	639	-	1,174
10 Subset of row 5 that is perpetual securities	13,800	2,825	-	-	-	16,625

(\$ millions)

	Q2/20					
	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 credit risk mitigation	13,722	2,825	4,564	15,906	-	37,017
3 Subset of row 2 that are excluded liabilities	-	-	9	60	-	69
4 Total capital and liabilities less excluded liabilities (row 2 minus row 3)	13,722	2,825	4,555	15,846	-	36,948
5 Subset of row 4 that are potentially eligible as TLAC	13,722	2,825	4,555	15,557	-	36,659
6 Subset of row 5 with 1 year ≤ residual maturity < 2 years	-	-	-	102	-	102
7 Subset of row 5 with 2 years ≤ residual maturity < 5 years	-	-	-	14,221	-	14,221
8 Subset of row 5 with 5 years ≤ residual maturity < 10 years	-	-	4,016	1,192	-	5,208
9 Subset of row 5 with residual maturity ≥ 10 years, but excluding perpetual securities	-	-	539	42	-	581
10 Subset of row 5 that is perpetual securities	13,722	2,825	-	-	-	16,547

(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.



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

(\$ millions)

	Q1/20					
	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 credit risk mitigation	13,669	2,825	4,558	13,446	-	34,498
3 Subset of row 2 that are excluded liabilities	2	-	2	102	-	106
4 Total capital and liabilities less excluded liabilities (row 2 minus row 3)	13,667	2,825	4,556	13,344	-	34,392
5 Subset of row 4 that are potentially eligible as TLAC	13,667	2,825	4,556	12,879	-	33,927
6 Subset of row 5 with 1 year ≤ residual maturity < 2 years	-	-	-	34	-	34
7 Subset of row 5 with 2 years ≤ residual maturity < 5 years	-	-	-	11,674	-	11,674
8 Subset of row 5 with 5 years ≤ residual maturity < 10 years	-	-	4,023	1,154	-	5,177
9 Subset of row 5 with residual maturity ≥ 10 years, but excluding perpetual securities	-	-	533	17	-	550
10 Subset of row 5 that is perpetual securities	13,667	2,825	-	-	-	16,492

(\$ millions)

	Q4/19					
	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 credit risk mitigation	13,591	2,825	4,558	9,008	-	29,982
3 Subset of row 2 that are excluded liabilities	2	-	2	22	-	26
4 Total capital and liabilities less excluded liabilities (row 2 minus row 3)	13,589	2,825	4,556	8,986	-	29,956
5 Subset of row 4 that are potentially eligible as TLAC	13,589	2,825	4,556	8,635	-	29,605
6 Subset of row 5 with 1 year ≤ residual maturity < 2 years	-	-	-	79	-	79
7 Subset of row 5 with 2 years ≤ residual maturity < 5 years	-	-	-	7,416	-	7,416
8 Subset of row 5 with 5 years ≤ residual maturity < 10 years	-	-	4,023	1,123	-	5,146
9 Subset of row 5 with residual maturity ≥ 10 years, but excluding perpetual securities	-	-	533	17	-	550
10 Subset of row 5 that is perpetual securities	13,589	2,825	-	-	-	16,414

For footnotes, see page 14.

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

(\$ millions)

Row	Q4/20	Q3/20	Q2/20	Q1/20	Q4/19
1 Total consolidated assets as per published financial statements	769,551	768,545	759,136	672,118	651,604
2 Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	57	105	86	86	69
3 Adjustment for securitized exposures that meet the operational requirements for the recognition of risk transference	(1,672)	(1,902)	(2,330)	(2,834)	(2,717)
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	2,003	(8,531)	(7,083)	5,944	5,427
6 Adjustment for SFTs (i.e. repos and similar secured lending)	(2,933)	(785)	(3,337)	(677)	(1,481)
7 Adjustment for off-balance sheet items (i.e. credit equivalent amounts of off-balance sheet exposures)	84,761	81,153	78,405	77,565	75,154
8 Other adjustments ⁽¹⁾	(110,007)	(114,474)	(97,918)	(13,726)	(13,713)
9 Leverage ratio exposure measure	741,760	724,111	726,959	738,476	714,343

(1) Beginning in Q2/20, includes the impact of regulatory flexibility provided by OSFI in respect of exposures arising from central bank reserves and sovereign-issued securities that qualify as high quality liquid assets (HQLA). The treatment specified by OSFI permits these items to be excluded from the leverage ratio exposure measure.

LR2: LEVERAGE RATIO COMMON DISCLOSURE TEMPLATE

(\$ millions)

Row	Q4/20	Q3/20	Q2/20	Q1/20	Q4/19
On-balance sheet exposures					
1 On-balance sheet items (excluding derivatives, SFTs and grandfathered securitization exposures, but including collateral) ⁽¹⁾	563,075	562,459	564,296	580,214	565,286
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)	(4,630)	(8,139)	(9,409)	(5,842)	(5,796)
4 (Asset amounts deducted in determining T1 capital)	(7,388)	(7,582)	(7,937)	(7,883)	(7,919)
5 Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 to 4)	551,057	546,738	546,950	566,489	551,571
Derivative exposures					
6 Replacement cost associated with all derivative transactions	12,307	13,658	13,581	9,862	8,730
7 Add-on amounts for potential future exposure associated with all derivative transactions	22,425	21,287	19,654	21,334	20,592
8 (Exempted central counterparty (CCP)-leg of client cleared trade exposures)	-	-	-	-	-
9 Adjusted effective notional amount of written credit derivatives	1,456	1,477	1,521	261	221
10 (Adjusted effective notional offsets and add-on deductions for written credit derivatives)	(1,456)	(1,477)	(1,521)	(261)	(221)
11 Total derivatives exposures (sum of lines 6 to 10)	34,732	34,945	33,235	31,196	29,322
SFT exposures					
12 Gross SFT assets recognized for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions	74,143	62,060	71,706	63,904	59,775
13 (Netted amounts of cash payables and cash receivables of gross SFT assets)	(7,077)	(4,992)	(8,132)	(4,216)	(4,165)
14 Counterparty credit risk exposure for SFTs	4,144	4,207	4,795	3,539	2,684
15 Agent transaction exposures	-	-	-	-	-
16 Total SFT exposures (sum of lines 12 to 15)	71,210	61,275	68,369	63,227	58,294
Other off-balance sheet exposures					
17 Off-balance sheet exposure at gross notional amount	295,896	288,368	279,555	271,061	265,958
18 (Adjustments for conversion to credit equivalent amounts)	(211,135)	(207,215)	(201,150)	(193,497)	(190,802)
19 Off-balance sheet items (sum of lines 17 and 18)	84,761	81,153	78,405	77,564	75,156
Capital and Total Exposures					
20 T1 capital	34,775	33,350	32,685	31,551	30,851
20a T1 capital with transitional arrangements for ECL provisioning not applied	34,183	32,740	32,439	n/a	n/a
21 Total Exposures (sum of lines 5, 11, 16 and 19)	741,760	724,111	726,959	738,476	714,343
Leverage Ratio					
22 Leverage ratio	4.7%	4.6%	4.5%	4.3%	4.3%
22a Leverage ratio with transitional arrangements for ECL provisioning not applied	4.6%	4.5%	4.5%	n/a	n/a

(1) Beginning in Q2/20, includes the impact of regulatory flexibility provided by OSFI in respect of exposures arising from central bank reserves and sovereign-issued securities that qualify as HQLA. The treatment specified by OSFI permits these items to be excluded from the leverage ratio exposure measure.

n/a Not applicable.



CR1: CREDIT QUALITY OF ASSETS

(\$ millions)

	Q4/20						
	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 ⁽²⁾	Non-defaulted exposures	Allowances/impairments	Allocated in regulatory category of specific	Allocated in regulatory category of general	-	Net value (a+b-c)
1 Loans	2,349	417,579	3,540	255	686	2,599	416,388
2 Debt securities	463	120,054	38	14	24	-	120,479
2a Other investment ⁽³⁾	-	9	-	-	-	-	9
3 Off-balance sheet exposures ⁽⁴⁾	156	295,602	182	2	38	142	295,576
4 Total	2,968	833,244	3,760	271	748	2,741	832,452

(\$ millions)

	Q3/20						
	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 ⁽²⁾	Non-defaulted exposures	Allowances/impairments	Allocated in regulatory category of specific	Allocated in regulatory category of general	-	Net value (a+b-c)
1 Loans	2,583	415,221	3,347	242	566	2,539	414,457
2 Debt securities	443	115,366	40	14	26	-	115,769
2a Other investment ⁽³⁾	-	9	-	-	-	-	9
3 Off-balance sheet exposures ⁽⁴⁾	251	288,927	262	2	72	188	288,916
4 Total	3,277	819,523	3,649	258	664	2,727	819,151

(\$ millions)

	Q2/20						
	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 ⁽²⁾	Non-defaulted exposures	Allowances/impairments	Allocated in regulatory category of specific	Allocated in regulatory category of general	-	Net value (a+b-c)
1 Loans	2,232	421,411	3,064	255	465	2,344	420,579
2 Debt securities	444	106,618	47	20	27	-	107,015
2a Other investment ⁽³⁾	-	9	-	-	-	-	9
3 Off-balance sheet exposures ⁽⁴⁾	156	278,934	247	2	37	208	278,843
4 Total	2,832	806,972	3,358	277	529	2,552	806,446

(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) For our retail exposures, our accounting definitions for past due and impaired are the same as our regulatory definitions for past due and defaulted, respectively. For our business and government exposures, our accounting and regulatory definitions of past due are the same, but our accounting definition for impairment takes into consideration guarantees and security for an individual exposure, while our regulatory definition of default is based on the financial condition of the borrower without consideration of guarantees and security. Under IFRS, all past due accounts that are not impaired and all non-past due accounts are classified either in stage 1 or in stage 2, and all impaired exposures are classified in stage 3 for ECL provisioning. This column includes defaulted exposures based on our regulatory definition. Past due loans are considered non-defaulted exposures.

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

(4) Includes \$131.3 billion (Q3/20: \$129.7 billion) of personal, home equity and credit card lines, which are unconditionally cancellable at our discretion.

CR1: CREDIT QUALITY OF ASSETS (continued)

(\$ millions)	Q1/20						
	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 ⁽²⁾	Non-defaulted exposures	Allowances/ impairments	Allocated in regulatory category of specific	Allocated in regulatory category of general		Net value (a+b-c)
1 Loans	1,902	402,499	1,948	219	212	1,517	402,453
2 Debt securities	442	97,271	22	6	16	-	97,691
2a Other investment ⁽³⁾	-	9	-	-	-	-	9
3 Off-balance sheet exposures ⁽⁴⁾	81	270,535	130	2	13	115	270,486
4 Total	2,425	770,314	2,100	227	241	1,632	770,639

(\$ millions)	Q4/19						
	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 ⁽²⁾	Non-defaulted exposures	Allowances/ impairments	Allocated in regulatory category of specific	Allocated in regulatory category of general		Net value (a+b-c)
1 Loans	1,866	398,157	1,915	235	214	1,466	398,108
2 Debt securities	375	93,815	25	6	19	-	94,165
2a Other investment ⁽³⁾	-	9	-	-	-	-	9
3 Off-balance sheet exposures ⁽⁴⁾	88	265,532	129	2	12	115	265,491
4 Total	2,329	757,513	2,069	243	245	1,581	757,773

For footnotes, see page 17.

CR2: CHANGES IN STOCK OF DEFAULTED LOANS AND DEBT SECURITIES ⁽¹⁾⁽²⁾

(\$ millions)

	Q4/20	Q3/20	Q2/20	Q1/20	Q4/19
	a	b	c	d	e
1 Defaulted loans and debt securities at end of the previous reporting period	3,277	2,832	2,425	2,329	2,318
2 Loans and debt securities that have defaulted since the last reporting period	705	1,061	944	679	723
Amounts repaid ⁽³⁾	(396)	(208)	(255)	(252)	(198)
3 Returned to non-defaulted status	(316)	(154)	(104)	(115)	(173)
4 Amounts written off	(203)	(219)	(244)	(269)	(282)
5 Other changes ⁽⁴⁾	(99)	(35)	66	53	(59)
6 Defaulted loans and debt securities at end of the reporting period	2,968	3,277	2,832	2,425	2,329

(1) For our retail exposures, our accounting definitions for past due and impaired are the same as our regulatory definitions for past due and defaulted, respectively. For our business and government exposures, our accounting and regulatory definitions of past due are the same, but our accounting definition for impairment takes into consideration guarantees and security for an individual exposure, while our regulatory definition of default is based on the financial condition of the borrower without consideration of guarantees and security. Under IFRS, all past due accounts that are not impaired and all non-past due accounts are classified either in stage 1 or in stage 2, and all impaired exposures are classified in stage 3 for ECL provisioning. This column includes defaulted exposures based on our regulatory definition. Past due loans are considered non-defaulted exposures.

(2) Includes off-balance sheet exposures.

(3) Includes disposals of loans.

(4) Includes changes due to foreign exchange movements.

CR3: CRM TECHNIQUES - OVERVIEW ⁽¹⁾

(\$ millions)	Q4/20					Q3/20				
	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	48,142	368,246	367,589	657	-	48,345	366,112	365,294	818	-
2 Debt securities	104,177	16,302	2,885	13,417	-	98,586	17,183	2,922	14,261	-
3 Total ⁽³⁾	152,319	384,548	370,474	14,074	-	146,931	383,295	368,216	15,079	-
4 Of which defaulted ⁽⁶⁾	120	1,315	1,312	3	-	541	1,563	1,563	-	-

(\$ millions)	Q2/20					Q1/20				
	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	51,497	369,082	368,297	785	-	44,837	357,616	356,268	1,348	-
2 Debt securities	89,421	17,594	2,919	14,675	-	80,445	17,246	2,496	14,750	-
3 Total ⁽³⁾	140,918	386,676	371,216	15,460	-	125,282	374,862	358,764	16,098	-
4 Of which defaulted ⁽⁶⁾	567	1,282	1,281	1	-	563	1,117	1,116	1	-

(\$ millions)	Q4/19				
	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	45,389	352,719	352,016	703	-
2 Debt securities	77,575	16,590	2,426	14,164	-
3 Total ⁽³⁾	122,964	369,309	354,442	14,867	-
4 Of which defaulted ⁽⁶⁾	492	1,099	1,098	1	-

(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)

Asset classes	Q4/20										
	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	On-balance sheet amount	Off-balance sheet amount	RWA	RWA	density	density	%
1 Sovereigns and their central banks	22,664	-	22,664	-	2,460	-					11
2 Non-central government public sector entities	-	-	-	-	-	-					-
3 Multilateral development banks	-	-	-	-	-	-					-
4 Banks	1,241	48	1,241	16	326	-					26
5 Securities firms	-	-	-	-	-	-					-
6 Corporates	36,459	21,464	36,459	8,353	41,828	-					93
7 Regulatory retail portfolios	1,296	448	1,296	28	939	-					71
8 Secured by residential property	4,717	163	4,717	-	2,859	-					61
9 Secured by commercial real estate	-	-	-	-	-	-					-
10 Equity ⁽²⁾	466	-	466	-	493	-					106
11 Past-due loans ⁽³⁾	-	-	-	-	-	-					-
12 Higher-risk categories	-	-	-	-	-	-					-
13 Other assets ⁽⁴⁾	15,056	-	15,056	-	11,743	-					78
14 Total	81,899	22,123	81,899	8,397	60,648	-					67

(\$ millions)

Asset classes	Q3/20										
	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	On-balance sheet amount	Off-balance sheet amount	RWA	RWA	density	density	%
1 Sovereigns and their central banks	18,056	-	18,056	-	2,489	-					14
2 Non-central government public sector entities	-	-	-	-	-	-					-
3 Multilateral development banks	-	-	-	-	-	-					-
4 Banks	1,225	54	1,225	17	323	-					26
5 Securities firms	-	-	-	-	-	-					-
6 Corporates	36,723	21,500	36,723	8,560	42,367	-					94
7 Regulatory retail portfolios	1,267	407	1,267	27	904	-					70
8 Secured by residential property	4,642	172	4,642	1	2,805	-					60
9 Secured by commercial real estate	-	-	-	-	-	-					-
10 Equity ⁽²⁾	496	-	496	-	525	-					106
11 Past-due loans ⁽³⁾	-	-	-	-	-	-					-
12 Higher-risk categories	-	-	-	-	-	-					-
13 Other assets ⁽⁴⁾	18,713	-	18,713	-	11,919	-					64
14 Total	81,122	22,133	81,122	8,605	61,332	-					68

(1) Credit conversion factor (CCF).

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

(3) Past-due loans relating to CIBC FirstCaribbean and CIBC Bank USA are included in rows 1-9 of this table.

(4) Comprises amounts relating to settlement risk and other assets that are subject to the credit risk framework but are not included in the standardized or IRB frameworks, including other balance sheet assets that are risk-weighted at 100%, significant investments in the capital of non-financial institutions that are risk-weighted at 1250%, settlement risk, and amounts below the thresholds for deduction that are risk-weighted at 250%.

(5) Certain prior period information has been restated to conform to the presentation adopted in Q2/20.



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

(\$ millions)

	Q2/20										
	a		b		c		d		e		f
	Exposures before CCF ⁽¹⁾ and CRM		Exposures post-CCF and CRM		RWA and RWA density				RWA		RWA
Asset classes	On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount	RWA	RWA	density %	density %	RWA
1 Sovereigns and their central banks	16,447	-	16,447	-	16,447	-	2,633	-	16	-	-
2 Non-central government public sector entities	-	-	-	-	-	-	-	-	-	-	-
3 Multilateral development banks	-	-	-	-	-	-	-	-	-	-	-
4 Banks	1,476	50	1,476	17	1,476	17	391	-	26	-	-
5 Securities firms	-	-	-	-	-	-	-	-	-	-	-
6 Corporates	39,358	20,271	39,358	8,022	39,358	8,022	44,448	-	94	-	-
7 Regulatory retail portfolios	1,307	399	1,307	28	1,307	28	942	-	71	-	-
8 Secured by residential property	4,631	180	4,631	1	4,631	1	2,833	-	61	-	-
9 Secured by commercial real estate	-	-	-	-	-	-	-	-	-	-	-
10 Equity ⁽²⁾	470	-	470	-	470	-	499	-	106	-	-
11 Past-due loans ⁽³⁾	-	-	-	-	-	-	-	-	-	-	-
12 Higher-risk categories	-	-	-	-	-	-	-	-	-	-	-
13 Other assets ⁽⁴⁾	20,136	-	20,136	-	20,136	-	11,644	-	58	-	-
14 Total	83,825	20,900	83,825	8,068	83,825	8,068	63,390	-	69	-	-

(\$ millions)

	Q1/20										
	a		b		c		d		e		f
	Exposures before CCF ⁽¹⁾ and CRM		Exposures post-CCF and CRM		RWA and RWA density				RWA		RWA
Asset classes	On-balance sheet amount	Off-balance sheet amount ⁽⁵⁾	On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount	RWA	RWA	density %	density %	RWA
1 Sovereigns and their central banks	13,997	-	13,997	-	13,997	-	2,429	-	17	-	-
2 Non-central government public sector entities	-	-	-	-	-	-	-	-	-	-	-
3 Multilateral development banks	-	-	-	-	-	-	-	-	-	-	-
4 Banks	1,723	46	1,723	17	1,723	17	437	-	25	-	-
5 Securities firms	-	-	-	-	-	-	-	-	-	-	-
6 Corporates	33,285	19,469	33,285	7,851	33,285	7,851	40,889	-	99	-	-
7 Regulatory retail portfolios	1,239	377	1,239	27	1,239	27	909	-	72	-	-
8 Secured by residential property	4,255	186	4,255	1	4,255	1	2,646	-	62	-	-
9 Secured by commercial real estate	-	-	-	-	-	-	-	-	-	-	-
10 Equity ⁽²⁾	449	-	449	-	449	-	478	-	106	-	-
11 Past-due loans ⁽³⁾	-	-	-	-	-	-	-	-	-	-	-
12 Higher-risk categories	-	-	-	-	-	-	-	-	-	-	-
13 Other assets ⁽⁴⁾	15,899	-	15,899	-	15,899	-	11,477	-	72	-	-
14 Total	70,847	20,078	70,847	7,896	70,847	7,896	59,265	-	75	-	-

For footnotes, see page 21.

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

(\$ millions)

Asset classes	Q4/19											
	a		b		c		d		e		f	
	Exposures before CCF ⁽¹⁾ and CRM		Exposures post-CCF and CRM		RWA		RWA density		RWA		RWA density %	
	On-balance sheet amount	Off-balance sheet amount ⁽⁵⁾	On-balance sheet amount	Off-balance sheet amount								
1 Sovereigns and their central banks	13,301	-	13,301	-	2,411			18				
2 Non-central government public sector entities	-	-	-	-	-			-				-
3 Multilateral development banks	-	-	-	-	-			-				-
4 Banks	1,862	23	1,862	6	454			24				
5 Securities firms	-	-	-	-	-			-				-
6 Corporates	32,168	17,819	32,168	7,223	39,131			99				
7 Regulatory retail portfolios	1,238	376	1,238	26	911			72				
8 Secured by residential property	4,098	187	4,098	1	2,597			63				
9 Secured by commercial real estate	-	-	-	-	-			-				-
10 Equity ⁽²⁾	440	4	440	2	469			106				
11 Past-due loans ⁽³⁾	-	-	-	-	-			-				-
12 Higher-risk categories	-	-	-	-	-			-				-
13 Other assets ⁽⁴⁾	14,087	-	14,087	-	9,714			69				
14 Total	67,194	18,409	67,194	7,258	55,687			75				

For footnotes, see page 21.

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

(\$ millions)

Asset classes	Q4/20									
	a	b	c	d	e	f	g	h	i	i
	Risk weight									
	0%	10%	20%	35%	50%	75%	100%	150%	Others	Total credit exposures amount (post CCF and post-CRM)
1 Sovereigns and their central banks	17,646	-	3,442	-	138	-	906	532	-	22,664
2 Non-central government public sector entities	-	-	-	-	-	-	-	-	-	-
3 Multilateral development banks	-	-	-	-	-	-	-	-	-	-
4 Banks	-	-	1,168	-	1	-	78	10	-	1,257
5 Securities firms	-	-	-	-	-	-	-	-	-	-
6 Corporates	2,959	-	95	-	26	-	41,603	129	-	44,812
7 Regulatory retail portfolios	72	-	18	-	5	1,195	29	5	-	1,324
8 Secured by residential property	-	-	13	1,742	-	2,872	86	4	-	4,717
9 Secured by commercial real estate	-	-	-	-	-	-	-	-	-	-
10 Equity ⁽¹⁾	-	-	-	-	-	-	466	-	-	466
11 Past-due loans	-	-	-	-	-	-	-	-	-	-
12 Higher-risk categories	-	-	-	-	-	-	-	-	-	-
13 Other assets ⁽²⁾	6,442	-	-	-	-	-	6,615	-	1,999	15,056
14 Total	27,119	-	4,736	1,742	170	4,067	49,783	680	1,999	90,296

(\$ millions)

Asset classes	Q3/20									
	a	b	c	d	e	f	g	h	i	i
	Risk weight									
	0%	10%	20%	35%	50%	75%	100%	150%	Others	Total credit exposures amount (post CCF and post-CRM)
1 Sovereigns and their central banks	12,894	-	3,606	-	107	-	919	530	-	18,056
2 Non-central government public sector entities	-	-	-	-	-	-	-	-	-	-
3 Multilateral development banks	-	-	-	-	-	-	-	-	-	-
4 Banks	-	-	1,114	-	61	-	60	7	-	1,242
5 Securities firms	-	-	-	-	-	-	-	-	-	-
6 Corporates	2,929	-	95	-	31	-	42,016	212	-	45,283
7 Regulatory retail portfolios	92	-	13	-	4	1,154	26	5	-	1,294
8 Secured by residential property	-	-	14	1,733	-	2,811	80	5	-	4,643
9 Secured by commercial real estate	-	-	-	-	-	-	-	-	-	-
10 Equity ⁽¹⁾	-	-	-	-	-	-	496	-	-	496
11 Past-due loans	-	-	-	-	-	-	-	-	-	-
12 Higher-risk categories	-	-	-	-	-	-	-	-	-	-
13 Other assets ⁽²⁾	10,060	-	-	-	-	-	6,553	-	2,100	18,713
14 Total	25,975	-	4,842	1,733	203	3,965	50,150	759	2,100	89,727

(1) Comprises non-trading equity exposures that are risk-weighted at 100% under the materiality clause.

(2) Comprises balance sheet assets that are subject to the credit risk framework but are not included in the standardized or IRB frameworks, including settlement risk and amounts below the thresholds for deduction which are risk-weighted at 250%.



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

(\$ millions)

Asset classes	Q2/20									
	a	b	c	d	e	f	g	h	i	i
	Risk weight									
	0%	10%	20%	35%	50%	75%	100%	150%	Others	Total credit exposures amount (post CCF and post-CRM)
1 Sovereigns and their central banks	10,963	-	3,846	-	113	-	961	564	-	16,447
2 Non-central government public sector entities	-	-	-	-	-	-	-	-	-	-
3 Multilateral development banks	-	-	-	-	-	-	-	-	-	-
4 Banks	-	-	1,341	-	63	-	85	4	-	1,493
5 Securities firms	-	-	-	-	-	-	-	-	-	-
6 Corporates	2,962	-	73	-	33	-	44,102	210	-	47,380
7 Regulatory retail portfolios	92	-	14	-	4	1,175	38	12	-	1,335
8 Secured by residential property	-	-	15	1,631	-	2,907	79	-	-	4,632
9 Secured by commercial real estate	-	-	-	-	-	-	-	-	-	-
10 Equity ⁽¹⁾	-	-	-	-	-	-	470	-	-	470
11 Past-due loans	-	-	-	-	-	-	-	-	-	-
12 Higher-risk categories	-	-	-	-	-	-	-	-	-	-
13 Other assets ⁽²⁾	11,655	-	-	-	-	-	6,493	-	1,988	20,136
14 Total	25,672	-	5,289	1,631	213	4,082	52,228	790	1,988	91,893

(\$ millions)

Asset classes	Q1/20									
	a	b	c	d	e	f	g	h	i	i
	Risk weight									
	0%	10%	20%	35%	50%	75%	100%	150%	Others	Total credit exposures amount (post CCF and post-CRM)
1 Sovereigns and their central banks	8,736	-	3,789	-	99	-	874	499	-	13,997
2 Non-central government public sector entities	-	-	-	-	-	-	-	-	-	-
3 Multilateral development banks	-	-	-	-	-	-	-	-	-	-
4 Banks	-	-	1,592	-	65	-	76	7	-	1,740
5 Securities firms	-	-	-	-	-	-	-	-	-	-
6 Corporates	264	-	73	-	30	-	40,589	180	-	41,136
7 Regulatory retail portfolios	59	-	15	-	5	1,149	33	5	-	1,266
8 Secured by residential property	-	-	14	1,412	-	2,736	87	7	-	4,256
9 Secured by commercial real estate	-	-	-	-	-	-	-	-	-	-
10 Equity ⁽¹⁾	-	-	-	-	-	-	449	-	-	449
11 Past-due loans	-	-	-	-	-	-	-	-	-	-
12 Higher-risk categories	-	-	-	-	-	-	-	-	-	-
13 Other assets ⁽²⁾	7,501	-	-	-	-	-	6,464	-	1,934	15,899
14 Total	16,560	-	5,483	1,412	199	3,885	48,572	698	1,934	78,743

For footnotes, see page 24.



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

(\$ millions)

	Q4/19										
	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	7,951	-	3,911	-	111	-	838	490	-	-	13,301
2 Non-central government public sector entities	-	-	-	-	-	-	-	-	-	-	-
3 Multilateral development banks	-	-	-	-	-	-	-	-	-	-	-
4 Banks	-	-	1,729	-	66	-	68	5	-	-	1,868
5 Securities firms	-	-	-	-	-	-	-	-	-	-	-
6 Corporates	263	-	59	-	28	-	38,912	129	-	-	39,391
7 Regulatory retail portfolios	53	-	15	-	6	1,153	32	5	-	-	1,264
8 Secured by residential property	-	-	15	1,238	-	2,755	84	7	-	-	4,099
9 Secured by commercial real estate	-	-	-	-	-	-	-	-	-	-	-
10 Equity ⁽¹⁾	-	-	-	-	-	-	442	-	-	-	442
11 Past-due loans	-	-	-	-	-	-	-	-	-	-	-
12 Higher-risk categories	-	-	-	-	-	-	-	-	-	-	-
13 Other assets ⁽²⁾	7,390	-	-	-	-	-	4,793	-	1,904	-	14,087
14 Total	15,657	-	5,729	1,238	211	3,908	45,169	636	1,904	-	74,452

For footnotes, see page 24.

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

(\$ millions)

	Q4/20											
	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												
0.00 to <0.15	14,199	23,371	74	31,429	0.08	2,044	31	1.8	5,766	18	9	
0.15 to <0.25	21,129	29,331	67	40,719	0.19	4,096	41	2.3	16,012	39	32	
0.25 to <0.50	16,085	13,489	61	24,297	0.33	3,773	36	2.2	11,311	47	29	
0.50 to <0.75	24,761	20,415	51	35,107	0.64	3,892	36	2.2	21,425	61	81	
0.75 to <2.50	18,619	12,982	50	25,048	1.69	5,624	34	2.0	18,698	75	141	
2.50 to <10.00	4,203	2,484	48	5,398	6.98	18,453	33	2.1	6,460	120	125	
10.00 to <100.00	2,042	944	51	2,521	23.79	361	30	2.1	3,982	158	183	
100.00 (Default)	948	139	56	1,025	100.00	828	49	1.8	1,417	138	485	
	101,986	103,155	62	165,544	1.71	39,071	36	2.1	85,071	51	1,085	989
Sovereign												
0.00 to <0.15	132,194	14,378	67	141,819	0.02	1,161	6	2.4	2,038	1	2	
0.15 to <0.25	158	126	73	250	0.23	47	26	1.8	62	25	-	
0.25 to <0.50	82	114	60	151	0.33	54	49	2.8	102	68	-	
0.50 to <0.75	598	282	39	709	0.73	40	11	-	105	15	1	
0.75 to <2.50	43	13	66	52	1.92	37	16	1.8	20	38	-	
2.50 to <10.00	2	2	65	3	6.82	266	18	1.6	2	67	-	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	133,077	14,915	66	142,984	0.02	1,605	6	2.4	2,329	2	3	1
Banks												
0.00 to <0.15	11,457	60,035	99	70,754	0.05	471	10	0.3	2,081	3	4	
0.15 to <0.25	690	2,147	77	2,346	0.18	57	7	1.2	122	5	-	
0.25 to <0.50	9	179	71	136	0.33	21	22	0.9	29	21	-	
0.50 to <0.75	8	161	78	133	0.68	32	8	0.3	14	11	-	
0.75 to <2.50	29	99	86	114	1.42	13	24	0.4	59	52	-	
2.50 to <10.00	653	29	80	676	6.08	117	11	2.4	284	42	6	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	12,846	62,650	98	74,159	0.12	711	10	0.3	2,589	3	10	-

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

(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. In such situations, the obligor will appear twice in both PD bands.

(3) Denoted in years.

(4) For Q4/20 the use of credit derivatives reduced RWA relating to corporate exposures under the AIRB approach by \$23 million (Q3/20: \$43 million).

(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.

n/a Not applicable.

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

(\$ millions)

	Q4/20											
	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)												
0.00 to <0.15	67,048	-	n/a	67,048	0.01	343,615	6	n/a	1,104	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)	-	-	-	-	-	-	-	-	-	-	-	-
	67,048	-	n/a	67,048	0.01	343,615	6	n/a	1,104	2	1	19
Real estate secured personal lending (uninsured)												
0.00 to <0.15	86,820	48,104	47	109,289	0.07	644,473	22	n/a	4,355	4	16	
0.15 to <0.25	26,513	12,893	66	35,028	0.18	180,521	25	n/a	3,470	10	16	
0.25 to <0.50	21,531	212	38	21,612	0.33	67,046	21	n/a	2,847	13	15	
0.50 to <0.75	12,073	17	41	12,080	0.58	34,152	18	n/a	2,033	17	13	
0.75 to <2.50	13,503	819	31	13,760	1.17	69,098	24	n/a	4,993	36	39	
2.50 to <10.00	3,017	199	27	3,071	5.55	13,762	22	n/a	2,379	77	36	
10.00 to <100.00	579	18	39	586	37.00	2,836	22	n/a	745	127	44	
100.00 (Default)	443	24	-	443	100.00	2,592	24	n/a	620	140	60	
	164,479	62,286	50	195,869	0.65	1,014,480	23	n/a	21,442	11	239	206
Qualifying revolving retail												
0.00 to <0.15	1,546	47,529	75	37,275	0.05	4,366,343	90	n/a	1,103	3	15	
0.15 to <0.25	3,700	15,420	57	12,517	0.18	1,655,530	85	n/a	1,088	9	19	
0.25 to <0.50	1,173	5,863	56	4,432	0.41	1,109,796	84	n/a	758	17	16	
0.50 to <0.75	1,256	2,387	64	2,786	0.61	603,998	79	n/a	615	22	14	
0.75 to <2.50	4,601	5,184	61	7,774	1.32	1,438,069	85	n/a	3,248	42	85	
2.50 to <10.00	5,756	973	74	6,475	4.19	880,473	88	n/a	6,481	100	242	
10.00 to <100.00	634	270	47	763	33.38	212,203	85	n/a	2,006	263	243	
100.00 (Default)	35	-	n/a	35	100.00	10,001	81	n/a	54	154	24	
	18,701	77,626	69	72,057	1.02	10,276,413	87	n/a	15,353	21	658	1,334
Other retail												
0.00 to <0.15	1,992	1,510	79	3,179	0.10	42,688	36	n/a	212	7	1	
0.15 to <0.25	2,658	522	57	2,958	0.21	122,982	69	n/a	896	30	4	
0.25 to <0.50	1,639	678	55	2,013	0.43	74,430	72	n/a	1,009	50	6	
0.50 to <0.75	353	906	57	869	0.67	11,221	66	n/a	511	59	4	
0.75 to <2.50	5,148	252	59	5,297	1.20	148,738	71	n/a	4,272	81	46	
2.50 to <10.00	2,302	92	67	2,364	4.00	132,572	54	n/a	1,958	83	57	
10.00 to <100.00	707	448	59	973	49.31	199,802	26	n/a	626	64	86	
100.00 (Default)	70	-	n/a	70	100.00	9,943	73	n/a	79	113	53	
	14,869	4,408	65	17,723	4.13	742,376	59	n/a	9,563	54	257	192
Total (all portfolios)	513,006	325,040	61	735,384	0.78	12,418,271	34	n/a	137,451	19	2,253	2,741

(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.

n/a Not applicable.



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

(\$ millions)

	Q3/20											
	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												
0.00 to <0.15	15,017	24,925	74	33,461	0.08	2,054	30	1.8	6,192	19	9	
0.15 to <0.25	21,803	28,406	65	40,211	0.19	4,087	41	2.4	16,234	40	32	
0.25 to <0.50	16,987	13,447	66	25,848	0.33	3,809	36	2.2	11,813	46	30	
0.50 to <0.75	25,334	19,991	50	35,330	0.64	3,875	36	2.3	21,907	62	81	
0.75 to <2.50	18,467	11,836	52	24,619	1.70	5,497	34	2.0	18,663	76	143	
2.50 to <10.00	3,996	2,321	51	5,184	6.97	16,769	33	2.1	6,407	124	123	
10.00 to <100.00	1,666	762	55	2,083	24.49	376	26	2.3	2,803	135	125	
100.00 (Default)	1,000	228	53	1,121	100.00	896	47	1.8	2,000	178	474	
	104,270	101,916	62	167,857	1.68	37,363	36	2.2	86,019	51	1,017	988
Sovereign												
0.00 to <0.15	137,247	13,729	65	146,105	0.02	1,180	8	2.3	1,971	1	3	
0.15 to <0.25	158	124	73	248	0.23	43	25	1.9	61	25	-	
0.25 to <0.50	86	116	65	161	0.33	58	47	2.6	102	63	1	
0.50 to <0.75	740	104	29	770	0.73	40	9	0.6	96	12	-	
0.75 to <2.50	39	14	64	48	1.94	32	16	1.9	18	38	-	
2.50 to <10.00	3	1	63	3	6.73	260	19	1.8	3	100	-	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	138,273	14,088	64	147,335	0.02	1,613	8	2.2	2,251	2	4	1
Banks												
0.00 to <0.15	14,325	63,021	99	76,643	0.05	468	11	0.3	2,295	3	4	
0.15 to <0.25	746	1,968	73	2,178	0.18	53	6	1.3	95	4	-	
0.25 to <0.50	48	172	76	180	0.33	20	14	0.7	25	14	-	
0.50 to <0.75	8	102	67	76	0.62	25	12	0.7	12	16	-	
0.75 to <2.50	51	91	87	130	1.42	12	27	0.5	80	62	1	
2.50 to <10.00	449	159	89	590	6.08	119	17	2.4	390	66	6	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	15,627	65,513	98	79,797	0.10	697	11	0.3	2,897	4	11	-

For footnotes, see page 27.

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

(\$ millions)

	Q3/20											
	a	b	c	d	e	f	g	h	i	j	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⁾
PD scale												
Retail portfolios												
Real estate secured personal lending (insured)												
0.00 to <0.15	65,391	-	n/a	65,391	0.01	340,246	5	n/a	814	1	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)	-	-	-	-	-	-	-	-	-	-	-	-
	65,391	-	n/a	65,391	0.01	340,246	5	n/a	814	1	1	17
Real estate secured personal lending (uninsured)												
0.00 to <0.15	84,924	47,640	47	107,200	0.07	639,271	23	n/a	4,253	4	15	
0.15 to <0.25	25,837	11,564	63	33,181	0.18	176,980	25	n/a	3,278	10	15	
0.25 to <0.50	20,703	219	38	20,785	0.33	66,471	21	n/a	2,738	13	15	
0.50 to <0.75	12,315	18	44	12,322	0.58	35,251	18	n/a	2,091	17	13	
0.75 to <2.50	13,548	830	31	13,806	1.17	70,035	24	n/a	5,007	36	40	
2.50 to <10.00	2,865	222	27	2,926	5.25	14,062	23	n/a	2,286	78	33	
10.00 to <100.00	810	20	35	817	39.06	3,635	21	n/a	1,009	124	66	
100.00 (Default)	548	21	-	548	100.00	3,006	23	n/a	770	141	70	
	161,550	60,534	50	191,585	0.76	1,008,711	23	n/a	21,432	11	267	179
Qualifying revolving retail												
0.00 to <0.15	3,375	52,966	74	42,594	0.07	4,562,282	90	n/a	1,636	4	24	
0.15 to <0.25	696	4,881	87	4,949	0.19	1,013,488	83	n/a	443	9	8	
0.25 to <0.50	2,617	5,547	58	5,810	0.42	976,055	82	n/a	988	17	20	
0.50 to <0.75	1,296	3,934	62	3,744	0.55	971,207	84	n/a	794	21	17	
0.75 to <2.50	6,091	7,569	62	10,780	1.39	1,743,888	86	n/a	4,866	45	133	
2.50 to <10.00	3,839	1,513	62	4,780	4.59	723,546	85	n/a	4,849	101	189	
10.00 to <100.00	505	257	54	645	30.02	186,421	84	n/a	1,462	227	165	
100.00 (Default)	39	-	n/a	39	100.00	12,827	81	n/a	75	192	26	
	18,458	76,667	72	73,341	0.93	10,189,714	88	n/a	15,113	21	582	1,328
Other retail												
0.00 to <0.15	2,111	1,841	80	3,576	0.10	43,810	41	n/a	281	8	1	
0.15 to <0.25	2,149	130	68	2,238	0.21	109,111	68	n/a	686	31	3	
0.25 to <0.50	1,764	826	55	2,216	0.43	72,627	74	n/a	1,143	52	7	
0.50 to <0.75	193	724	57	604	0.69	9,520	59	n/a	322	53	2	
0.75 to <2.50	4,953	264	64	5,123	1.19	140,622	71	n/a	4,141	81	44	
2.50 to <10.00	2,206	117	64	2,280	3.92	133,164	56	n/a	1,965	86	58	
10.00 to <100.00	661	425	59	911	49.49	200,226	26	n/a	576	63	78	
100.00 (Default)	75	-	n/a	75	100.00	10,010	74	n/a	78	104	56	
	14,112	4,327	67	17,023	4.10	719,090	60	n/a	9,192	54	249	214
Total (all portfolios)	517,681	323,045	62	742,329	0.82	12,297,434	35	n/a	137,718	19	2,131	2,727

For footnotes, see page 28.

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

(\$ millions)

	Q2/20											
	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												
0.00 to <0.15	15,970	25,443	74	34,918	0.08	2,015	30	1.8	6,555	19	10	
0.15 to <0.25	24,512	27,398	65	42,314	0.19	4,093	41	2.5	17,584	42	33	
0.25 to <0.50	17,385	12,723	66	25,799	0.33	3,845	37	2.3	12,500	48	31	
0.50 to <0.75	27,333	18,614	50	36,609	0.64	3,951	35	2.3	22,239	61	81	
0.75 to <2.50	19,048	11,908	51	25,091	1.72	5,487	33	2.1	18,525	74	140	
2.50 to <10.00	3,549	1,757	51	4,452	6.90	17,300	31	2.3	5,206	117	98	
10.00 to <100.00	1,486	803	55	1,925	27.04	394	26	2.3	2,648	138	127	
100.00 (Default)	715	134	54	787	100.00	1,107	54	1.8	1,413	180	365	
	109,998	98,780	63	171,895	1.44	38,192	35	2.2	86,670	50	885	884
Sovereign												
0.00 to <0.15	116,988	12,382	64	124,965	0.02	1,175	6	2.4	1,818	1	3	
0.15 to <0.25	170	73	68	219	0.23	47	27	1.8	55	25	-	
0.25 to <0.50	113	161	70	225	0.33	56	42	2.2	124	55	-	
0.50 to <0.75	592	330	47	747	0.73	39	7	1.0	77	10	-	
0.75 to <2.50	44	15	63	53	1.89	37	20	1.8	24	45	-	
2.50 to <10.00	3	1	64	4	6.27	274	22	2.6	4	100	-	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	117,910	12,962	64	126,213	0.02	1,628	7	2.4	2,102	2	3	1
Banks												
0.00 to <0.15	12,111	71,091	99	82,384	0.05	466	10	0.2	2,220	3	4	
0.15 to <0.25	596	1,875	69	1,882	0.18	58	5	1.5	80	4	-	
0.25 to <0.50	3	200	67	137	0.33	22	16	0.9	24	18	-	
0.50 to <0.75	10	86	60	63	0.65	21	13	0.7	11	17	-	
0.75 to <2.50	55	75	97	128	1.65	12	26	0.6	78	61	1	
2.50 to <10.00	650	22	88	670	6.08	97	11	2.5	283	42	5	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	13,425	73,349	98	85,264	0.11	676	10	0.3	2,696	3	10	-

For footnotes, see page 27.

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

(\$ millions)

	Q2/20											
	a	b	c	d	e	f	g	h	i	j	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⁾
PD scale												
Retail portfolios												
Real estate secured personal lending (insured)												
0.00 to <0.15	62,287	-	n/a	62,287	0.01	332,166	5	n/a	798	1	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)	-	-	-	-	-	-	-	-	-	-	-	-
	62,287	-	n/a	62,287	0.01	332,166	5	n/a	798	1	1	6
Real estate secured personal lending (uninsured)												
0.00 to <0.15	99,606	46,251	46	121,056	0.08	674,362	22	n/a	5,132	4	19	
0.15 to <0.25	17,386	6,060	30	19,186	0.18	159,366	30	n/a	2,362	12	11	
0.25 to <0.50	20,973	5,633	98	26,467	0.36	68,568	21	n/a	3,701	14	20	
0.50 to <0.75	8,821	18	44	8,829	0.59	25,817	18	n/a	1,457	17	9	
0.75 to <2.50	10,011	809	31	10,265	1.19	56,080	27	n/a	4,062	40	32	
2.50 to <10.00	3,878	289	27	3,955	5.51	19,347	23	n/a	3,172	80	47	
10.00 to <100.00	1,103	30	33	1,113	40.44	5,099	22	n/a	1,431	129	96	
100.00 (Default)	466	15	-	466	100.00	2,812	26	n/a	565	121	79	
	162,244	59,105	49	191,337	0.80	1,011,451	23	n/a	21,882	11	313	177
Qualifying revolving retail												
0.00 to <0.15	2,662	51,451	73	40,458	0.07	4,403,018	90	n/a	1,570	4	24	
0.15 to <0.25	683	4,831	81	4,572	0.19	994,810	84	n/a	415	9	7	
0.25 to <0.50	2,546	5,695	56	5,723	0.42	963,803	83	n/a	984	17	20	
0.50 to <0.75	1,169	4,030	60	3,578	0.54	989,387	85	n/a	765	21	17	
0.75 to <2.50	6,201	7,862	61	10,969	1.40	1,844,047	87	n/a	4,958	45	134	
2.50 to <10.00	4,238	1,592	64	5,258	4.60	767,571	86	n/a	5,378	102	212	
10.00 to <100.00	708	228	72	873	32.17	189,010	84	n/a	1,958	224	235	
100.00 (Default)	58	-	n/a	58	100.00	15,984	82	n/a	104	179	40	
	18,265	75,689	71	71,489	1.05	10,167,630	88	n/a	16,132	23	689	1,242
Other retail												
0.00 to <0.15	2,039	1,703	82	3,431	0.10	38,727	39	n/a	248	7	1	
0.15 to <0.25	2,025	117	68	2,104	0.21	102,815	69	n/a	648	31	3	
0.25 to <0.50	1,693	925	55	2,205	0.40	74,400	75	n/a	1,082	49	6	
0.50 to <0.75	119	3	67	121	0.56	599	83	n/a	83	69	1	
0.75 to <2.50	4,774	879	59	5,293	1.15	138,028	80	n/a	4,726	89	48	
2.50 to <10.00	2,208	141	66	2,302	3.98	135,918	61	n/a	2,163	94	63	
10.00 to <100.00	718	416	59	962	50.02	194,959	32	n/a	751	78	112	
100.00 (Default)	78	-	n/a	78	100.00	12,293	79	n/a	93	119	58	
	13,654	4,184	68	16,496	4.42	697,739	64	n/a	9,794	59	292	242
Total (all portfolios)	497,783	324,069	61	724,981	0.88	12,249,482	35	n/a	140,074	19	2,193	2,552

For footnotes, see page 28.

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

(\$ millions)

	Q1/20											
	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												
0.00 to <0.15	13,554	23,862	73	30,941	0.08	1,934	31	1.9	6,253	20	9	
0.15 to <0.25	20,944	27,606	65	38,933	0.19	4,106	41	2.5	16,502	42	31	
0.25 to <0.50	16,166	13,559	65	24,992	0.33	3,879	38	2.4	12,526	50	31	
0.50 to <0.75	25,197	16,567	50	33,512	0.64	3,935	33	2.3	19,267	57	70	
0.75 to <2.50	18,743	11,461	51	24,619	1.72	5,448	33	2.1	18,307	74	136	
2.50 to <10.00	3,116	1,606	52	3,950	6.86	24,320	30	2.2	4,440	112	83	
10.00 to <100.00	836	372	56	1,043	22.45	359	38	2.0	2,055	197	91	
100.00 (Default)	536	61	60	572	100.00	442	58	2.2	1,506	263	262	
	99,092	95,094	63	158,562	1.20	44,423	35	2.3	80,856	51	713	432
Sovereign												
0.00 to <0.15	72,257	11,602	65	79,787	0.02	1,176	7	2.9	1,504	2	1	
0.15 to <0.25	87	69	67	134	0.23	47	28	2.2	38	28	-	
0.25 to <0.50	123	74	78	181	0.33	54	41	1.2	76	42	1	
0.50 to <0.75	723	83	30	748	0.73	39	7	0.3	74	10	1	
0.75 to <2.50	34	22	63	48	1.86	32	14	1.9	16	33	-	
2.50 to <10.00	5	2	64	6	7.88	271	13	2.4	3	50	-	
10.00 to <100.00	3	-	46	3	17.53	2	5	2.5	1	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	73,232	11,852	65	80,907	0.03	1,621	7	2.8	1,712	2	3	1
Banks												
0.00 to <0.15	14,172	61,672	99	75,026	0.05	434	11	0.3	2,462	3	5	
0.15 to <0.25	567	1,683	65	1,668	0.19	55	5	1.7	74	4	-	
0.25 to <0.50	4	207	64	136	0.33	24	16	1.1	27	20	-	
0.50 to <0.75	47	156	81	173	0.61	23	17	0.6	44	25	-	
0.75 to <2.50	25	274	99	296	1.51	15	8	0.1	58	20	-	
2.50 to <10.00	555	13	64	563	6.09	112	11	2.5	227	40	4	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	15,370	64,005	98	77,862	0.11	663	11	0.3	2,892	4	9	-

For footnotes, see page 27.

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

(\$ millions)

	Q1/20											
	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)												
0.00 to <0.15	64,310	-	n/a	64,310	0.01	342,890	5	n/a	820	1	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)	-	-	-	-	-	-	-	-	-	-	-	-
	64,310	-	n/a	64,310	0.01	342,890	5	n/a	820	1	1	11
Real estate secured personal lending (uninsured)												
0.00 to <0.15	95,563	45,278	46	116,481	0.08	654,323	22	n/a	4,999	4	19	
0.15 to <0.25	17,371	6,110	29	19,139	0.18	159,400	30	n/a	2,355	12	11	
0.25 to <0.50	20,552	4,007	96	24,409	0.37	66,575	21	n/a	3,457	14	19	
0.50 to <0.75	9,342	18	44	9,350	0.59	27,079	18	n/a	1,561	17	10	
0.75 to <2.50	10,704	846	32	10,976	1.19	61,622	27	n/a	4,421	40	35	
2.50 to <10.00	4,159	257	27	4,228	5.70	19,700	22	n/a	3,425	81	52	
10.00 to <100.00	577	21	38	585	37.45	3,789	25	n/a	842	144	50	
100.00 (Default)	419	12	-	419	100.00	2,506	26	n/a	546	130	70	
	158,687	56,549	48	185,587	0.69	994,994	23	n/a	21,606	12	266	140
Qualifying revolving retail												
0.00 to <0.15	3,214	49,252	73	39,023	0.07	4,255,420	90	n/a	1,522	4	23	
0.15 to <0.25	696	4,728	81	4,506	0.19	967,260	84	n/a	409	9	7	
0.25 to <0.50	2,672	5,715	56	5,858	0.42	980,626	83	n/a	1,008	17	21	
0.50 to <0.75	1,264	3,996	59	3,618	0.55	980,811	85	n/a	777	21	17	
0.75 to <2.50	6,449	7,871	61	11,249	1.40	1,825,765	87	n/a	5,082	45	137	
2.50 to <10.00	4,425	1,636	64	5,471	4.65	819,028	85	n/a	5,540	101	217	
10.00 to <100.00	640	335	61	846	33.82	259,159	84	n/a	1,922	227	243	
100.00 (Default)	50	-	n/a	50	100.00	15,581	82	n/a	95	190	34	
	19,410	73,533	70	70,621	1.17	10,103,650	88	n/a	16,355	23	699	880
Other retail												
0.00 to <0.15	2,201	1,583	83	3,512	0.10	35,308	36	n/a	229	7	1	
0.15 to <0.25	1,762	116	68	1,842	0.21	92,751	69	n/a	568	31	3	
0.25 to <0.50	1,675	925	55	2,187	0.40	72,831	75	n/a	1,068	49	6	
0.50 to <0.75	124	2	50	125	0.56	618	83	n/a	86	69	1	
0.75 to <2.50	4,967	820	59	5,450	1.18	143,824	80	n/a	4,879	90	51	
2.50 to <10.00	2,324	138	68	2,418	3.99	148,070	62	n/a	2,311	96	67	
10.00 to <100.00	612	352	58	815	51.96	244,033	29	n/a	565	69	78	
100.00 (Default)	68	-	n/a	68	100.00	12,829	81	n/a	93	137	50	
	13,733	3,936	68	16,417	4.08	750,264	63	n/a	9,799	60	257	168
Total (all portfolios)	443,834	304,969	60	654,266	0.83	12,238,505	35	n/a	134,040	20	1,948	1,632

For footnotes, see page 28.



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

(\$ millions)

	Q4/19											
	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												
0.00 to <0.15	12,769	23,842	73	30,267	0.08	1,967	30	1.9	5,982	20	9	
0.15 to <0.25	20,678	27,187	65	38,406	0.19	4,112	41	2.5	16,226	42	30	
0.25 to <0.50	14,350	13,200	65	22,955	0.34	3,895	37	2.5	11,547	50	29	
0.50 to <0.75	23,992	15,790	49	31,792	0.64	2,083	33	2.4	18,612	59	67	
0.75 to <2.50	20,050	12,632	53	26,711	1.72	7,273	31	2.1	18,504	69	141	
2.50 to <10.00	2,777	1,406	51	3,499	6.84	24,279	30	2.2	4,012	115	76	
10.00 to <100.00	956	411	52	1,170	24.40	353	39	1.8	2,375	203	118	
100.00 (Default)	520	73	60	564	100.00	414	51	2.0	1,433	254	238	
	96,092	94,541	63	155,364	1.24	44,376	35	2.3	78,691	51	708	406
Sovereign												
0.00 to <0.15	72,063	11,918	66	79,948	0.02	1,166	7	2.9	1,465	2	1	
0.15 to <0.25	51	74	67	100	0.23	49	32	1.2	27	27	1	
0.25 to <0.50	150	74	79	208	0.33	52	41	1.4	94	45	-	
0.50 to <0.75	730	144	25	765	0.72	41	7	0.4	71	9	-	
0.75 to <2.50	39	26	64	56	1.73	32	13	1.4	16	29	-	
2.50 to <10.00	3	1	64	4	8.62	283	18	2.3	5	125	-	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	73,036	12,237	66	81,081	0.03	1,623	7	2.9	1,678	2	2	-
Banks												
0.00 to <0.15	12,047	61,975	99	73,320	0.06	363	11	0.3	2,444	3	5	
0.15 to <0.25	234	2,232	66	1,699	0.18	48	3	1.5	58	3	-	
0.25 to <0.50	6	203	63	135	0.33	16	16	1.0	26	19	-	
0.50 to <0.75	6	203	80	169	0.70	21	11	0.2	28	17	-	
0.75 to <2.50	33	265	100	298	1.52	15	6	0.1	46	15	-	
2.50 to <10.00	363	12	66	371	6.09	119	11	2.5	155	42	3	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-	
	12,689	64,890	98	75,992	0.10	582	10	0.3	2,757	4	8	-

For footnotes, see page 27.

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

(\$ millions)

	Q4/19											
	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)												
0.00 to <0.15	66,128	-	n/a	66,128	0.01	351,304	5	n/a	832	1	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)	-	-	-	-	-	-	-	-	-	-	-	-
	66,128	-	n/a	66,128	0.01	351,304	5	n/a	832	1	1	11
Real estate secured personal lending (uninsured)												
0.00 to <0.15	104,270	49,219	31	119,735	0.08	773,042	22	n/a	5,667	5	22	
0.15 to <0.25	8,264	-	-	8,264	0.19	26,728	24	n/a	816	10	4	
0.25 to <0.50	20,269	4,618	97	24,742	0.37	65,228	21	n/a	3,448	14	19	
0.50 to <0.75	11,195	2,025	33	11,859	0.57	64,998	21	n/a	2,342	20	15	
0.75 to <2.50	7,978	441	34	8,128	1.33	34,641	23	n/a	3,118	38	26	
2.50 to <10.00	3,854	27	41	3,865	5.88	15,066	21	n/a	2,956	76	46	
10.00 to <100.00	589	36	39	603	38.57	3,855	24	n/a	898	149	55	
100.00 (Default)	386	14	-	386	100.00	2,335	26	n/a	424	110	75	
	156,805	56,380	37	177,582	0.69	985,893	22	n/a	19,669	11	262	131
Qualifying revolving retail												
0.00 to <0.15	3,309	48,223	72	38,159	0.07	4,225,551	90	n/a	1,491	4	22	
0.15 to <0.25	697	4,638	81	4,431	0.19	967,288	84	n/a	402	9	7	
0.25 to <0.50	2,698	5,614	56	5,815	0.42	968,227	83	n/a	1,001	17	20	
0.50 to <0.75	1,272	3,945	59	3,585	0.55	976,462	85	n/a	770	21	17	
0.75 to <2.50	6,543	7,711	61	11,231	1.40	1,815,173	87	n/a	5,088	45	137	
2.50 to <10.00	4,558	1,671	64	5,622	4.68	849,914	85	n/a	5,708	102	224	
10.00 to <100.00	659	360	61	877	32.95	271,218	84	n/a	1,987	227	246	
100.00 (Default)	48	-	n/a	48	100.00	15,028	83	n/a	94	196	33	
	19,784	72,162	69	69,768	1.20	10,088,861	88	n/a	16,541	24	706	858
Other retail												
0.00 to <0.15	2,259	1,561	82	3,535	0.10	33,462	34	n/a	222	6	1	
0.15 to <0.25	1,895	113	67	1,971	0.22	98,271	68	n/a	620	31	3	
0.25 to <0.50	605	921	55	1,112	0.34	33,277	78	n/a	506	46	3	
0.50 to <0.75	1,267	2	50	1,268	0.54	44,596	73	n/a	741	58	5	
0.75 to <2.50	4,376	796	59	4,844	1.18	124,403	81	n/a	4,432	91	47	
2.50 to <10.00	2,411	139	68	2,506	4.21	148,674	60	n/a	2,357	94	72	
10.00 to <100.00	595	341	57	791	50.98	259,951	29	n/a	530	67	75	
100.00 (Default)	70	-	n/a	71	100.00	12,824	79	n/a	15	21	66	
	13,478	3,873	68	16,098	4.07	755,458	63	n/a	9,423	59	272	175
Total (all portfolios)	438,012	304,083	55	642,013	0.83	12,228,097	34	n/a	129,591	20	1,959	1,581

For footnotes, see page 28.



CR9: IRB - BACKTESTING OF PD PER PORTFOLIO ⁽¹⁾

\$ millions	Q4/20								
a	b	c	d	e	f Number of obligors		g	h	i
	PD Range	External rating equivalent	Weighted average PD %	Arithmetic average PD by obligors %	End of previous year	End of the year	Defaulted obligors in the year	Of which: new defaulted obligors in the year	Average historical annual default rate % ⁽²⁾
Business and government portfolios									
Corporate									
	0.01 to <0.04	AAA	0.03	0.03	15	22	-	-	-
	0.04 to <0.07	AA	0.05	0.05	64	71	-	-	-
	0.07 to <0.14	A	0.11	0.10	1,446	1,520	-	-	0.07
	0.14 to <0.35	BBB	0.24	0.27	5,796	5,709	6	2	0.15
	0.35 to <1.45	BB	0.85	0.89	7,317	7,365	37	1	0.35
	1.45 to <11.00	B	3.64	4.15	22,090	16,936	310	162	0.48
	Over 11%	C	25.54	27.00	1,448	1,470	227	-	5.77
			1.08	4.43	38,176	33,093	580	165	0.57
Sovereign									
	0.01 to <0.02	AAA	0.02	0.02	370	382	-	-	-
	0.02 to <0.04	AA	0.04	0.05	346	367	-	-	0.11
	0.04 to <0.14	A	0.08	0.08	81	80	-	-	-
	0.14 to <0.35	BBB	0.23	0.24	230	217	-	-	-
	0.35 to <1.45	BB	0.76	0.80	103	106	-	-	0.34
	1.45 to <11.00	B	5.55	5.55	236	207	2	-	0.21
	Over 11%	C	32.08	30.47	8	7	1	1	3.48
			0.05	1.19	1,374	1,366	3	1	0.13
Banks									
	0.01 to <0.04	AAA	0.03	0.03	9	16	-	-	-
	0.04 to <0.07	AA	0.05	0.05	62	71	-	-	-
	0.07 to <0.14	A	0.09	0.09	219	311	-	-	-
	0.14 to <0.35	BBB	0.20	0.20	62	74	-	-	0.28
	0.35 to <1.45	BB	1.15	1.03	26	38	-	-	-
	1.45 to <11.00	B	6.00	5.90	90	73	1	-	0.22
	Over 11%	C	-	-	-	-	-	-	-
			0.24	1.25	468	583	1	-	0.08

(1) Amounts are calculated before taking into consideration the effect of CRM strategies, including guarantees.

(2) Reflects a five-year average of the annual default rate.

CR9: IRB - BACKTESTING OF PD PER PORTFOLIO (continued) ⁽¹⁾

\$ millions	Q4/20								
a	b	c	d	e	f Number of obligors ⁽²⁾		g	h	i
	PD Range	External rating equivalent	Weighted average PD %	Arithmetic average PD by obligors %	End of previous year	End of the year	Defaulted obligors in the year	Of which: new defaulted obligors in the year	Average historical annual default rate % ⁽³⁾
Retail portfolios									
Real estate secured personal lending									
	0.01 to <0.04	AAA	0.04	0.04	308,477	212,399	239	11	0.01
	0.04 to <0.07	AA	0.05	0.05	135,871	366,028	980	4	0.03
	0.07 to <0.14	A	0.09	0.09	318,824	256,714	283	6	0.05
	0.14 to <0.35	BBB	0.24	0.22	302,596	346,923	817	21	0.12
	0.35 to <1.45	BB	0.88	0.90	230,655	155,421	2,936	28	0.67
	1.45 to <11.00	B	5.29	4.69	43,252	28,458	1,768	9	3.72
	Over 11%	C	37.01	33.92	5,828	4,313	1,163	59	28.64
			0.40	0.40	1,345,503	1,370,256	8,186	138	0.29
Qualifying revolving retail									
	0.01 to <0.02	AAA	0.03	0.03	825,023	1,432,477	444	1	0.02
	0.02 to <0.04	AA	0.05	0.05	1,349,630	1,266,179	-	-	0.03
	0.04 to <0.14	A	0.09	0.10	2,050,898	1,667,687	2,135	2	0.08
	0.14 to <0.35	BBB	0.18	0.22	1,531,495	2,153,346	5,203	13	0.20
	0.35 to <1.45	BB	0.83	0.78	2,209,148	2,200,772	12,922	14	0.75
	1.45 to <11.00	B	3.68	3.75	1,836,421	1,333,748	24,271	308	3.62
	Over 11%	C	33.50	29.48	271,218	212,203	10,732	2,950	28.24
			1.02	1.34	10,073,833	10,266,412	55,707	3,288	1.27
Other retail									
	0.01 to <0.04	AAA	0.03	0.03	4,498	4,410	1	-	-
	0.04 to <0.07	AA	0.05	0.05	2,100	810	-	-	0.01
	0.07 to <0.14	A	0.12	0.09	26,842	38,270	175	2	0.08
	0.14 to <0.35	BBB	0.22	0.22	117,014	125,970	274	6	0.18
	0.35 to <1.45	BB	0.78	0.77	140,034	175,298	1,495	57	0.64
	1.45 to <11.00	B	3.12	3.36	194,963	190,875	8,856	209	3.06
	Over 11%	C	49.16	18.57	257,014	199,855	31,194	13,150	17.17
			3.72	4.88	742,465	735,488	41,995	13,424	6.12

- (1) Amounts are calculated before taking into consideration the effect of CRM strategies, including guarantees.
(2) The number of obligors for retail products reflects account level information rather than individual borrowers.
(3) Reflects a five-year average of the annual default rate.

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

(\$ millions)		Q4/20										
		Specialized lending										
		Other than high volatility commercial real estate ⁽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	265	2	70	-	-	-	265	265	198	1	-
Good	Less than 2.5 years	-	-	70	-	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	71	2	90	-	-	-	71	71	69	1	-
Satisfactory		20	-	115	-	-	-	20	20	24	-	-
Weak		-	-	250	-	-	-	-	-	-	-	-
Default		-	-	-	-	-	-	-	-	-	-	-
Total		356	4		-	-	-	356	356	291	2	-

(\$ millions)		Q3/20										
		Specialized lending										
		Other than high volatility commercial real estate ⁽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	292	2	70	-	-	-	292	292	217	1	-
Good	Less than 2.5 years	-	-	70	-	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	82	-	90	-	-	-	82	82	78	1	-
Satisfactory		20	-	115	-	-	-	20	20	24	1	-
Weak		-	-	250	-	-	-	-	-	-	-	-
Default		-	-	-	-	-	-	-	-	-	-	-
Total		394	2		-	-	-	394	394	319	3	-

(\$ millions)		Q2/20										
		Specialized lending										
		Other than high volatility commercial real estate ⁽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	327	2	70	-	-	-	327	327	243	1	-
Good	Less than 2.5 years	-	-	70	-	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	95	-	90	-	-	-	95	95	91	1	-
Satisfactory		21	-	115	-	-	-	21	21	26	1	-
Weak		-	-	250	-	-	-	-	-	-	-	-
Default		-	-	-	-	-	-	-	-	-	-	-
Total		443	2		-	-	-	443	443	360	3	-

(1) CIBC has no exposures to high volatility commercial real estate 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)		Q1/20										
		Specialized lending										
		Other than high volatility commercial real estate ⁽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	-	70	-	-	-	206	206	153	1	-
Good	Less than 2.5 years	-	-	70	-	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	82	-	90	-	-	-	82	82	78	-	-
Satisfactory		21	-	115	-	-	-	21	21	26	1	-
Weak		-	-	250	-	-	-	-	-	-	-	-
Default		-	-	-	-	-	-	-	-	-	-	-
Total		309	-	-	-	-	-	309	309	257	2	-

(\$ millions)		Q4/19										
		Specialized lending										
		Other than high volatility commercial real estate ⁽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	246	-	70	-	-	-	246	246	182	1	-
Good	Less than 2.5 years	-	-	70	-	-	-	-	-	-	-	-
	Equal to or more than 2.5 years	85	-	90	-	-	-	85	85	81	1	-
Satisfactory		21	-	115	-	-	-	21	21	26	-	-
Weak		-	-	250	-	-	-	-	-	-	-	-
Default		-	-	-	-	-	-	-	-	-	-	-
Total		352	-	-	-	-	-	352	352	289	2	-

For footnotes, see page 39.

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

(\$ millions)

	Q4/20 ⁽²⁾					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	EEPE ⁽³⁾	Alpha used for computing regulatory EAD	EAD post-CRM	RWA
1 SA-CCR (for derivatives)	126	680		1.4	1,126	335
2 IMM (for derivatives and SFTs)			13,345	1.4	18,541	6,554
3 Simple Approach for credit risk mitigation (for SFTs)					-	-
4 Comprehensive Approach for credit risk mitigation (for SFTs)					14,969	2,619
5 Value at Risk (VaR) for SFTs					-	-
6 Total						9,508

(\$ millions)

	Q3/20 ⁽²⁾					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	EEPE ⁽³⁾	Alpha used for computing regulatory EAD	EAD post-CRM	RWA
1 SA-CCR (for derivatives)	92	709		1.4	1,117	374
2 IMM (for derivatives and SFTs)			14,009	1.4	19,450	7,028
3 Simple Approach for credit risk mitigation (for SFTs)					-	-
4 Comprehensive Approach for credit risk mitigation (for SFTs)					16,045	2,232
5 VaR for SFTs					-	-
6 Total						9,634

(\$ millions)

	Q2/20 ⁽²⁾					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	EEPE ⁽³⁾	Alpha used for computing regulatory EAD	EAD post-CRM	RWA
1 SA-CCR (for derivatives)	262	685		1.4	1,320	426
2 IMM (for derivatives and SFTs)			14,096	1.4	19,538	7,016
3 Simple Approach for credit risk mitigation (for SFTs)					-	-
4 Comprehensive Approach for credit risk mitigation (for SFTs)					15,744	2,158
5 VaR for SFTs					-	-
6 Total						9,600

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

(2) Effective Q2/20, CIBC adopted IMM for calculating counterparty credit risk exposure for qualifying derivative transactions. Certain transactions remain under SA-CCR.

(3) Effective Expected Positive Exposure.

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

(\$ millions)

	Q1/20					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	EEPE ⁽³⁾	Alpha used for computing regulatory EAD	EAD post-CRM	RWA
1 SA-CCR (for derivatives)	6,020	14,474		1.4	28,596	8,648
2 IMM (for derivatives and SFTs)			-	-	-	-
3 Simple Approach for credit risk mitigation (for SFTs)					-	-
4 Comprehensive Approach for credit risk mitigation (for SFTs)					13,047	2,242
5 VaR for SFTs					-	-
6 Total						10,890

(\$ millions)

	Q4/19					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	EEPE ⁽³⁾	Alpha used for computing regulatory EAD	EAD post-CRM	RWA
1 SA-CCR (for derivatives)	5,504	13,985		1.4	27,191	7,889
2 IMM (for derivatives and SFTs)			-	-	-	-
3 Simple Approach for credit risk mitigation (for SFTs)					-	-
4 Comprehensive Approach for credit risk mitigation (for SFTs)					12,237	1,939
5 VaR for SFTs					-	-
6 Total						9,828

For footnotes, see page 41.

CCR2: CVA CAPITAL CHARGE

(\$ millions)

	Q4/20		Q3/20		Q2/20	
	a	b	a	b	a	b
	EAD		EAD		EAD	
	post-CRM	RWA	post-CRM	RWA	post-CRM	RWA
Total portfolios subject to the Advanced CVA capital charge						
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	19,332	7,202	20,297	8,189	20,533	8,311
4 Total subject to the CVA capital charge	19,332	7,202	20,297	8,189	20,533	8,311

(\$ millions)

	Q1/20		Q4/19	
	a	b	a	b
	EAD		EAD	
	post-CRM	RWA	post-CRM	RWA
Total portfolios subject to the Advanced CVA capital charge				
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	18,793	7,762	17,886	6,990
4 Total subject to the CVA capital charge	18,793	7,762	17,886	6,990

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

(\$ millions)

	Q4/20								
	a	b	c	d	e	f	g	h	i
	Risk weight								
	0%	10%	20%	50%	75%	100%	150%	Others	Total credit exposure
Regulatory portfolio									
Sovereigns	2	-	-	-	-	-	-	-	2
Non-central government public sector entities	-	-	-	-	-	-	-	-	-
Multilateral development banks	-	-	-	-	-	-	-	-	-
Banks	-	-	21	-	-	-	-	-	21
Securities firms	-	-	-	-	-	-	-	-	-
Corporates	-	-	-	-	-	775	11	-	786
Regulatory retail portfolios	-	-	-	-	-	-	-	-	-
Other assets	-	-	-	-	-	-	-	-	-
Total	2	-	21	-	-	775	11	-	809

(\$ millions)

	Q3/20								
	a	b	c	d	e	f	g	h	i
	Risk weight								
	0%	10%	20%	50%	75%	100%	150%	Others	Total credit exposure
Regulatory portfolio									
Sovereigns	2	-	-	-	-	-	-	-	2
Non-central government public sector entities	-	-	-	-	-	-	-	-	-
Multilateral development banks	-	-	-	-	-	-	-	-	-
Banks	-	-	17	-	-	-	-	-	17
Securities firms	-	-	-	-	-	-	-	-	-
Corporates	-	-	-	-	-	922	11	-	933
Regulatory retail portfolios	-	-	-	-	-	-	-	-	-
Other assets	-	-	-	-	-	-	-	-	-
Total	2	-	17	-	-	922	11	-	952

(\$ millions)

	Q2/20								
	a	b	c	d	e	f	g	h	i
	Risk weight								
	0%	10%	20%	50%	75%	100%	150%	Others	Total credit exposure
Regulatory portfolio									
Sovereigns	2	-	-	-	-	-	-	-	2
Non-central government public sector entities	-	-	-	-	-	-	-	-	-
Multilateral development banks	-	-	-	-	-	-	-	-	-
Banks	-	-	16	-	-	-	-	-	16
Securities firms	-	-	-	-	-	-	-	-	-
Corporates	-	-	-	-	-	914	18	-	932
Regulatory retail portfolios	-	-	-	-	-	-	-	-	-
Other assets	-	-	-	-	-	-	-	-	-
Total	2	-	16	-	-	914	18	-	950

(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)

	Q1/20								
	a	b	c	d	e	f	g	h	i
	Risk weight								
	0%	10%	20%	50%	75%	100%	150%	Others	Total credit exposure
Regulatory portfolio									
Sovereigns	2	-	-	-	-	-	-	-	2
Non-central government public sector entities	-	-	-	-	-	-	-	-	-
Multilateral development banks	-	-	-	-	-	-	-	-	-
Banks	-	-	19	-	-	-	-	-	19
Securities firms	-	-	-	-	-	-	-	-	-
Corporates	1	-	-	1	-	787	14	-	803
Regulatory retail portfolios	-	-	-	-	-	-	-	-	-
Other assets	-	-	-	-	-	-	-	-	-
Total	3	-	19	1	-	787	14	-	824

(\$ millions)

	Q4/19								
	a	b	c	d	e	f	g	h	i
	Risk weight								
	0%	10%	20%	50%	75%	100%	150%	Others	Total credit exposure
Regulatory portfolio									
Sovereigns	2	-	-	-	-	-	-	-	2
Non-central government public sector entities	-	-	-	-	-	-	-	-	-
Multilateral development banks	-	-	-	-	-	-	-	-	-
Banks	-	-	18	-	-	-	-	-	18
Securities firms	-	-	-	-	-	-	-	-	-
Corporates	-	-	-	1	-	583	13	-	597
Regulatory retail portfolios	-	-	-	-	-	-	-	-	-
Other assets	-	-	-	-	-	-	-	-	-
Total	2	-	18	1	-	583	13	-	617

For footnotes, see page 44.

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

(\$ millions)

PD scale	Q4/20						
	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	8,963	0.08	1,061	21	1.1	823	9
0.15 to <0.25	3,355	0.19	793	34	2.3	1,025	31
0.25 to <0.50	1,484	0.33	361	33	3.1	643	43
0.50 to <0.75	2,826	0.66	921	34	2.1	1,638	58
0.75 to <2.50	2,265	1.81	1,102	29	1.4	1,659	73
2.50 to <10.00	341	7.32	704	32	1.2	432	127
10.00 to <100.00	209	19.72	102	23	1.9	257	123
100.00 (Default)	14	100.00	8	49	0.2	88	629
	19,457	0.81	5,052	27	1.7	6,565	34
Sovereign							
0.00 to <0.15	5,160	0.03	109	12	3.0	145	3
0.15 to <0.25	41	0.23	9	32	8.9	13	32
0.25 to <0.50	17	0.33	2	40	0.4	6	35
0.50 to <0.75	7	0.67	4	39	1.6	3	43
0.75 to <2.50	10	2.49	4	40	-	10	100
2.50 to <10.00	-	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	5,235	0.04	128	12	3.0	177	3
Banks							
0.00 to <0.15	7,732	0.06	161	40	0.7	1,314	17
0.15 to <0.25	971	0.20	51	42	2.1	417	43
0.25 to <0.50	92	0.33	24	44	1.3	58	63
0.50 to <0.75	280	0.55	34	45	0.2	141	50
0.75 to <2.50	58	1.93	18	28	0.1	36	62
2.50 to <10.00	2	7.90	20	25	0.1	2	100
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	9,135	0.11	308	40	0.8	1,968	22
Total (all portfolios)	33,827	0.50	5,488	28	1.6	8,710	26

(1) 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. In such situations, the obligor will appear twice in both PD bands.

(2) Denoted in years.

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

(\$ millions)

PD scale	Q3/20						
	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	10,294	0.08	972	22	1.1	937	9
0.15 to <0.25	3,505	0.19	737	34	2.1	1,060	30
0.25 to <0.50	1,680	0.33	333	34	3.0	757	45
0.50 to <0.75	2,705	0.67	909	31	2.4	1,468	54
0.75 to <2.50	2,116	1.72	1,128	30	1.8	1,617	76
2.50 to <10.00	311	7.29	697	35	1.0	431	139
10.00 to <100.00	163	20.55	188	28	1.9	251	154
100.00 (Default)	13	100.00	7	61	0.1	102	785
	20,787	0.69	4,971	27	1.7	6,623	32
Sovereign							
0.00 to <0.15	6,421	0.03	111	13	2.9	194	3
0.15 to <0.25	38	0.23	7	30	11.7	13	34
0.25 to <0.50	15	0.33	3	39	0.5	6	40
0.50 to <0.75	9	0.60	4	39	1.4	4	44
0.75 to <2.50	1	2.49	2	40	-	1	100
2.50 to <10.00	2	6.08	3	40	-	2	100
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	6,486	0.03	130	13	3.0	220	3
Banks							
0.00 to <0.15	7,143	0.06	154	40	0.7	1,235	17
0.15 to <0.25	885	0.20	55	42	2.7	387	44
0.25 to <0.50	103	0.33	20	43	1.2	63	61
0.50 to <0.75	196	0.60	34	42	0.2	108	55
0.75 to <2.50	55	1.42	21	42	-	50	91
2.50 to <10.00	5	6.25	28	33	0.1	6	120
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	8,387	0.11	312	40	0.9	1,849	22
Total (all portfolios)	35,660	0.43	5,413	28	1.7	8,692	24

For footnotes, see page 46.

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

(\$ millions)

PD scale	Q2/20						
	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	10,017	0.08	965	22	1.2	932	9
0.15 to <0.25	3,729	0.19	754	34	1.7	1,104	30
0.25 to <0.50	1,689	0.33	393	37	3.0	840	50
0.50 to <0.75	3,069	0.66	905	31	2.0	1,589	52
0.75 to <2.50	1,893	1.75	1,126	31	1.7	1,457	77
2.50 to <10.00	285	7.28	711	40	1.6	458	161
10.00 to <100.00	138	23.02	99	29	2.3	220	159
100.00 (Default)	11	100.00	4	64	1.0	91	827
	20,831	0.66	4,957	28	1.6	6,691	32
Sovereign							
0.00 to <0.15	6,299	0.03	110	11	3.0	169	3
0.15 to <0.25	82	0.23	9	37	2.8	24	29
0.25 to <0.50	15	0.33	4	39	1.3	6	40
0.50 to <0.75	7	0.63	6	40	-	3	43
0.75 to <2.50	38	1.41	5	41	-	31	82
2.50 to <10.00	-	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	6,441	0.04	134	12	2.9	233	4
Banks							
0.00 to <0.15	7,275	0.06	150	39	0.7	1,229	17
0.15 to <0.25	856	0.18	48	41	2.2	324	38
0.25 to <0.50	85	0.33	20	43	1.0	53	62
0.50 to <0.75	96	0.59	30	41	0.5	54	56
0.75 to <2.50	51	1.48	20	41	0.1	46	90
2.50 to <10.00	16	8.52	31	33	-	24	150
10.00 to <100.00	1	17.53	4	41	-	2	200
100.00 (Default)	-	-	-	-	-	-	-
	8,380	0.11	303	40	0.9	1,732	21
Total (all portfolios)	35,652	0.42	5,394	27	1.7	8,656	24

For footnotes, see page 46.

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

(\$ millions)

PD scale	Q1/20						
	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	10,257	0.08	971	23	1.7	1,088	11
0.15 to <0.25	4,748	0.18	716	35	1.2	1,422	30
0.25 to <0.50	1,805	0.33	370	34	2.9	835	46
0.50 to <0.75	2,915	0.64	811	31	1.9	1,546	53
0.75 to <2.50	2,359	1.78	1,084	29	1.4	1,769	75
2.50 to <10.00	318	6.93	605	36	1.3	460	145
10.00 to <100.00	47	21.76	95	21	1.5	56	119
100.00 (Default)	12	100.00	5	62	3.8	100	833
	22,461	0.57	4,657	28	1.7	7,276	32
Sovereign							
0.00 to <0.15	4,310	0.03	98	11	5.0	137	3
0.15 to <0.25	41	0.23	7	40	0.1	9	22
0.25 to <0.50	9	0.33	3	39	1.6	4	44
0.50 to <0.75	2	0.62	2	40	-	1	50
0.75 to <2.50	-	-	-	-	-	-	-
2.50 to <10.00	1	6.08	3	40	-	1	100
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	4,363	0.03	113	11	4.9	152	3
Banks							
0.00 to <0.15	12,334	0.06	176	40	1.2	1,905	15
0.15 to <0.25	1,067	0.20	51	41	1.6	404	38
0.25 to <0.50	163	0.33	21	41	1.0	86	53
0.50 to <0.75	336	0.55	35	43	0.1	166	49
0.75 to <2.50	81	1.45	21	42	0.3	82	101
2.50 to <10.00	14	6.08	26	13	-	7	50
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	13,995	0.10	330	40	1.2	2,650	19
Total (all portfolios)	40,819	0.35	5,100	30	1.8	10,078	25

For footnotes, see page 46.

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

(\$ millions)

PD scale	Q4/19						
	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	10,466	0.08	962	22	1.7	1,085	10
0.15 to <0.25	4,290	0.18	688	35	1.3	1,278	30
0.25 to <0.50	1,672	0.33	362	34	3.2	768	46
0.50 to <0.75	2,699	0.64	812	29	2.0	1,331	49
0.75 to <2.50	2,094	1.79	996	27	1.7	1,440	69
2.50 to <10.00	284	7.31	598	40	0.7	467	164
10.00 to <100.00	69	21.42	97	18	2.6	70	101
100.00 (Default)	15	100.00	6	56	2.9	108	720
	21,589	0.58	4,521	27	1.8	6,547	30
Sovereign							
0.00 to <0.15	4,349	0.02	95	11	4.8	117	3
0.15 to <0.25	114	0.23	6	39	-	24	21
0.25 to <0.50	2	0.33	2	33	8.2	1	50
0.50 to <0.75	12	0.55	3	40	-	6	50
0.75 to <2.50	-	-	-	-	-	-	-
2.50 to <10.00	-	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	4,477	0.03	106	11	4.7	148	3
Banks							
0.00 to <0.15	11,189	0.07	175	39	1.2	1,862	17
0.15 to <0.25	1,158	0.20	53	41	1.7	441	38
0.25 to <0.50	190	0.33	22	41	0.8	88	46
0.50 to <0.75	146	0.57	29	37	0.1	71	49
0.75 to <2.50	53	1.72	23	43	0.7	60	113
2.50 to <10.00	9	6.08	22	14	-	5	56
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-	-
	12,745	0.10	324	40	1.2	2,527	20
Total (all portfolios)	38,811	0.36	4,951	30	1.9	9,222	24

For footnotes, see page 46.

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

(\$ millions)

	Q4/20											
	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					
	Segregated		Unsegregated		Segregated		Unsegregated		received		posted collateral	
Cash - domestic currency	-	982		-		1,233		38,601		31,930		
Cash - other currencies	-	3,790		-		3,718		34,874		42,215		
Domestic sovereign debt	-	1,086		2,293		4,248		51,338		43,633		
Other sovereign debt	-	277		402		2,086		36,324		38,566		
Corporate bonds	-	222		-		174		4,773		12,684		
Equity securities	-	6		650		138		12,447		20,834		
Other collateral	-	71		-		396		-		-		
Total	-	6,434		3,345		11,993		178,357		189,862		

(\$ millions)

	Q3/20											
	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					
	Segregated		Unsegregated		Segregated		Unsegregated		received		posted collateral	
Cash - domestic currency	-	1,605		-		1,186		39,641		29,289		
Cash - other currencies	-	4,478		-		7,222		26,891		32,774		
Domestic sovereign debt	-	706		3,016		5,413		50,365		53,539		
Other sovereign debt	-	497		1,349		730		32,145		33,500		
Corporate bonds	-	575		-		119		3,820		13,824		
Equity securities	-	22		721		178		13,662		22,334		
Other collateral	-	71		-		334		-		-		
Total	-	7,954		5,086		15,182		166,524		185,260		

(\$ millions)

	Q2/20											
	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					
	Segregated		Unsegregated		Segregated		Unsegregated		received		posted collateral	
Cash - domestic currency	-	2,128		-		2,338		45,363		30,187		
Cash - other currencies	-	3,752		-		7,289		35,978		41,520		
Domestic sovereign debt	-	2,161		1,869		3,643		51,155		59,527		
Other sovereign debt	-	802		1,479		1,696		40,487		41,454		
Corporate bonds	-	262		-		83		4,513		14,320		
Equity securities	-	13		2,788		81		12,974		21,667		
Other collateral	-	411		-		388		-		-		
Total	-	9,529		6,136		15,518		190,470		208,675		

(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.

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

(\$ millions)

	Q1/20											
	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	-	1,136	-	953	22,052	23,039						
Cash - other currencies	-	2,929	-	5,153	36,699	40,866						
Domestic sovereign debt	-	486	-	1,980	43,595	44,704						
Other sovereign debt	-	601	1,642	2,056	41,392	41,782						
Corporate bonds	-	102	-	73	3,285	1,413						
Equity securities	1	-	1,050	-	13,715	23,391						
Other collateral	-	29	-	667	53	-						
Total	1	5,283	2,692	10,882	160,791	175,195						

(\$ millions)

	Q4/19											
	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	-	1,317	-	803	22,069	23,908						
Cash - other currencies	-	2,499	-	5,382	31,536	35,867						
Domestic sovereign debt	-	528	-	1,603	45,024	43,984						
Other sovereign debt	-	269	1,744	2,251	38,760	36,249						
Corporate bonds	-	18	-	6	2,889	599						
Equity securities	-	-	731	-	11,892	22,593						
Other collateral	-	-	-	556	32	-						
Total	-	4,631	2,475	10,601	152,202	163,200						

For footnotes, see page 51.

CCR6: CREDIT DERIVATIVES EXPOSURES

(\$ millions)	Q4/20		Q3/20		Q2/20		Q1/20		Q4/19	
	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	1,552	517	1,437	461	1,277	446	1,270	367	1,223	338
Index credit default swaps	2,845	1,415	2,221	1,463	2,216	1,521	1,188	261	820	221
Total return swaps	-	-	-	-	-	-	-	-	-	-
Credit options	-	-	-	-	-	-	-	-	-	-
Other credit derivatives	123	-	125	-	131	-	130	-	130	-
Total notionals	4,520	1,932	3,783	1,924	3,624	1,967	2,588	628	2,173	559
Fair values										
Positive fair value (asset)	104	2	103	1	111	-	105	1	105	-
Negative fair value (liability)	48	100	44	90	11	106	21	108	24	107

CCR8: EXPOSURES TO CENTRAL COUNTERPARTIES

(\$ millions)	Q4/20		Q3/20		Q2/20		Q1/20		Q4/19	
	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)	410		427		458		489		419	
2 Exposures for trades at QCCPs (excluding initial margin and default fund contributions); of which	7,079	217	7,559	236	6,894	227	6,999	205	6,085	184
3 (i) OTC derivatives	534	15	497	14	484	14	382	11	378	10
4 (ii) Exchange-traded derivatives	5,549	182	6,376	208	5,593	197	5,721	176	5,155	163
5 (iii) Securities financing transactions	996	20	686	14	817	16	896	18	552	11
6 (iv) Netting sets where cross-product netting has been approved	-	-	-	-	-	-	-	-	-	-
7 Segregated initial margin ⁽¹⁾	3,683		4,648		3,344		2,170		1,869	
8 Non-segregated initial margin	1,835	-	2,294	-	2,332	-	1,316	-	1,247	-
9 Pre-funded default fund contributions	545	193	509	191	596	231	474	284	398	235
10 Unfunded default fund contributions	791	-	779	-	814	-	776	-	562	-
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) Securities financing transactions	-	-	-	-	-	-	-	-	-	-
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) Certain prior period information has been restated to conform to the presentation adopted in Q3/20.

SEC1: SECURITIZATION EXPOSURES IN THE BANKING BOOK

(\$ millions)

	Q4/20								
	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	109	-	109	8,908	-	8,908	2,657	-	2,657
2 residential mortgage	-	-	-	2,254	-	2,254	80	-	80
3 credit card	109	-	109	796	-	796	316	-	316
4 other retail exposures	-	-	-	5,858	-	5,858	2,261	-	2,261
5 resecuritization	-	-	-	-	-	-	-	-	-
6 Wholesale (total) - of which	-	-	-	1,731	-	1,731	2,158	222	2,380
7 loans to corporates	-	-	-	-	-	-	-	197	197
8 commercial mortgage	-	-	-	-	-	-	-	-	-
9 lease and receivables	-	-	-	994	-	994	2,158	-	2,158
10 other wholesale	-	-	-	737	-	737	-	-	-
11 resecuritization	-	-	-	-	-	-	-	25	25

(\$ millions)

	Q3/20								
	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	152	-	152	8,174	-	8,174	2,798	-	2,798
2 residential mortgage	-	-	-	2,006	-	2,006	80	-	80
3 credit card	152	-	152	846	-	846	634	-	634
4 other retail exposures	-	-	-	5,322	-	5,322	2,084	-	2,084
5 resecuritization	-	-	-	-	-	-	-	-	-
6 Wholesale (total) - of which	-	-	-	1,789	-	1,789	2,420	224	2,644
7 loans to corporates	-	-	-	-	-	-	-	198	198
8 commercial mortgage	-	-	-	-	-	-	-	-	-
9 lease and receivables	-	-	-	1,052	-	1,052	2,420	-	2,420
10 other wholesale	-	-	-	737	-	737	-	-	-
11 resecuritization	-	-	-	-	-	-	-	26	26

(\$ millions)

	Q2/20								
	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	120	-	120	7,859	-	7,859	2,825	-	2,825
2 residential mortgage	-	-	-	2,051	-	2,051	80	-	80
3 credit card	120	-	120	895	-	895	657	-	657
4 other retail exposures	-	-	-	4,913	-	4,913	2,088	-	2,088
5 resecuritization	-	-	-	-	-	-	-	-	-
6 Wholesale (total) - of which	-	-	-	1,864	-	1,864	2,622	163	2,785
7 loans to corporates	-	-	-	-	-	-	-	136	136
8 commercial mortgage	-	-	-	-	-	-	-	-	-
9 lease and receivables	-	-	-	1,127	-	1,127	2,622	-	2,622
10 other wholesale	-	-	-	737	-	737	-	-	-
11 resecuritization	-	-	-	-	-	-	-	27	27

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

SEC1: SECURITIZATION EXPOSURES IN THE BANKING BOOK (continued)

(\$ millions)

	Q1/20								
	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	297	-	297	7,738	-	7,738	2,790	-	2,790
2 residential mortgage	-	-	-	2,050	-	2,050	80	-	80
3 credit card	297	-	297	794	-	794	693	-	693
4 other retail exposures	-	-	-	4,894	-	4,894	2,017	-	2,017
5 resecuritization	-	-	-	-	-	-	-	-	-
6 Wholesale (total) - of which	-	-	-	1,894	-	1,894	2,191	26	2,217
7 loans to corporates	-	-	-	-	-	-	-	-	-
8 commercial mortgage	-	-	-	-	-	-	-	-	-
9 lease and receivables	-	-	-	1,158	-	1,158	2,191	-	2,191
10 other wholesale	-	-	-	736	-	736	-	-	-
11 resecuritization	-	-	-	-	-	-	-	26	26

(\$ millions)

	Q4/19								
	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	304	-	304	6,686	-	6,686	2,680	-	2,680
2 residential mortgage	-	-	-	1,805	-	1,805	80	-	80
3 credit card	304	-	304	594	-	594	690	-	690
4 other retail exposures	-	-	-	4,287	-	4,287	1,910	-	1,910
5 resecuritization	-	-	-	-	-	-	-	-	-
6 Wholesale (total) - of which	-	-	-	2,174	-	2,174	2,328	27	2,355
7 loans to corporates	-	-	-	-	-	-	-	-	-
8 commercial mortgage	-	-	-	-	-	-	-	-	-
9 lease and receivables	-	-	-	1,437	-	1,437	2,328	-	2,328
10 other wholesale	-	-	-	737	-	737	-	-	-
11 resecuritization	-	-	-	-	-	-	-	27	27

For footnotes, see page 55.

SEC2: SECURITIZATION EXPOSURES IN THE TRADING BOOK ⁽¹⁾

(\$ millions)

	Q4/20								
	a Bank acts as originator ⁽²⁾			e Bank acts as sponsor ⁽³⁾			i Bank acts as investor		
	b Traditional	c Synthetic	d Sub-total	e Traditional	f Synthetic	g Sub-total	i Traditional	j Synthetic	k Sub-total
1 Retail (total) - of which	2	-	2	11	-	11	81	-	81
2 residential mortgage	-	-	-	3	-	3	23	-	23
3 credit card	2	-	2	1	-	1	31	-	31
4 other retail exposures	-	-	-	7	-	7	27	-	27
5 resecuritization	-	-	-	-	-	-	-	-	-
6 Wholesale (total) - of which	-	-	-	2	-	2	-	-	-
7 loans to corporates	-	-	-	-	-	-	-	-	-
8 commercial mortgage	-	-	-	-	-	-	-	-	-
9 lease and receivables	-	-	-	1	-	1	-	-	-
10 other wholesale	-	-	-	1	-	1	-	-	-
11 resecuritization	-	-	-	-	-	-	-	-	-

(\$ millions)

	Q3/20								
	a Bank acts as originator ⁽²⁾			e Bank acts as sponsor ⁽³⁾			i Bank acts as investor		
	b Traditional	c Synthetic	d Sub-total	e Traditional	f Synthetic	g Sub-total	i Traditional	j Synthetic	k Sub-total
1 Retail (total) - of which	4	-	4	7	-	7	67	-	67
2 residential mortgage	-	-	-	2	-	2	14	-	14
3 credit card	4	-	4	1	-	1	26	-	26
4 other retail exposures	-	-	-	4	-	4	27	-	27
5 resecuritization	-	-	-	-	-	-	-	-	-
6 Wholesale (total) - of which	-	-	-	2	-	2	-	-	-
7 loans to corporates	-	-	-	-	-	-	-	-	-
8 commercial mortgage	-	-	-	-	-	-	-	-	-
9 lease and receivables	-	-	-	1	-	1	-	-	-
10 other wholesale	-	-	-	1	-	1	-	-	-
11 resecuritization	-	-	-	-	-	-	-	-	-

(\$ millions)

	Q2/20								
	a Bank acts as originator ⁽²⁾			e Bank acts as sponsor ⁽³⁾			i Bank acts as investor		
	b Traditional	c Synthetic	d Sub-total	e Traditional	f Synthetic	g Sub-total	i Traditional	j Synthetic	k Sub-total
1 Retail (total) - of which	31	-	31	9	-	9	75	-	75
2 residential mortgage	-	-	-	2	-	2	19	-	19
3 credit card	31	-	31	1	-	1	22	-	22
4 other retail exposures	-	-	-	6	-	6	34	-	34
5 resecuritization	-	-	-	-	-	-	-	-	-
6 Wholesale (total) - of which	-	-	-	2	-	2	-	-	-
7 loans to corporates	-	-	-	-	-	-	-	-	-
8 commercial mortgage	-	-	-	-	-	-	-	-	-
9 lease and receivables	-	-	-	1	-	1	-	-	-
10 other wholesale	-	-	-	1	-	1	-	-	-
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)

	Q1/20																										
	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)

	Q4/19																										
	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 57.

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

(\$ millions)

		Q4/20																
		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 >50%	to >100%	to <1250%	1250%	ERBA (including IAA)				ERBA (including IAA)				ERBA (including IAA)			
		≤20% RW	50% RW	100% RW	1250% RW	1250% RW	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%
1	Total exposures	10,737	-	-	-	11	11	10,570	167	-	137	1,112	17	-	11	89	1	-
2	Traditional securitization	10,737	-	-	-	11	11	10,570	167	-	137	1,112	17	-	11	89	1	-
3	Of which securitization	10,737	-	-	-	11	11	10,570	167	-	137	1,112	17	-	11	89	1	-
4	Of which retail underlying	9,006	-	-	-	11	11	9,006	-	-	137	956	-	-	11	77	-	-
5	Of which wholesale	1,731	-	-	-	-	-	1,564	167	-	-	156	17	-	-	12	1	-
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)

		Q3/20																
		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 >50%	to >100%	to <1250%	1250%	ERBA (including IAA)				ERBA (including IAA)				ERBA (including IAA)			
		≤20% RW	50% RW	100% RW	1250% RW	1250% RW	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%
1	Total exposures	10,048	-	-	56	11	11	9,937	167	-	137	1,136	17	-	11	91	1	-
2	Traditional securitization	10,048	-	-	56	11	11	9,937	167	-	137	1,136	17	-	11	91	1	-
3	Of which securitization	10,048	-	-	56	11	11	9,937	167	-	137	1,136	17	-	11	91	1	-
4	Of which retail underlying	8,259	-	-	56	11	11	8,315	-	-	137	974	-	-	11	78	-	-
5	Of which wholesale	1,789	-	-	-	-	-	1,622	167	-	-	162	17	-	-	13	1	-
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)

	Q2/20																
	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 >50%	to >100%	to <1250%	1250%	ERBA (including IAA)				ERBA (including IAA)				ERBA (including IAA)			
	≤20% RW	50% RW	100% RW	1250% RW	1250% RW	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%
1 Total exposures	9,776	-	-	56	11	11	9,658	174	-	137	1,110	17	-	11	89	1	-
2 Traditional securitization	9,776	-	-	56	11	11	9,658	174	-	137	1,110	17	-	11	89	1	-
3 Of which securitization	9,776	-	-	56	11	11	9,658	174	-	137	1,110	17	-	11	89	1	-
4 Of which retail underlying	7,912	-	-	56	11	11	7,968	-	-	137	941	-	-	11	75	-	-
5 Of which wholesale	1,864	-	-	-	-	-	1,690	174	-	-	169	17	-	-	14	1	-
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)

	Q1/20																
	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 >50%	to >100%	to <1250%	1250%	ERBA (including IAA)				ERBA (including IAA)				ERBA (including IAA)			
	≤20% RW	50% RW	100% RW	1250% RW	1250% RW	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%
1 Total exposures	9,762	-	-	156	11	11	9,918	-	-	137	1,275	-	-	11	102	-	-
2 Traditional securitization	9,762	-	-	156	11	11	9,918	-	-	137	1,275	-	-	11	102	-	-
3 Of which securitization	9,762	-	-	156	11	11	9,918	-	-	137	1,275	-	-	11	102	-	-
4 Of which retail underlying	7,868	-	-	156	11	11	8,024	-	-	137	1,102	-	-	11	88	-	-
5 Of which wholesale	1,894	-	-	-	-	-	1,894	-	-	-	173	-	-	-	14	-	-
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)

		Q4/19																
		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) ⁽¹⁾				Capital charge after cap			
		>20%	>50%	>100%			ERBA (including IAA)				ERBA (including IAA)				ERBA (including IAA)			
		≤20% RW	to 50% RW	to 100% RW	to < 1250% RW	1250% RW	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%
1	Total exposures	8,997	-	-	156	11	176	8,988	-	-	153	1,143	-	-	12	91	-	-
2	Traditional securitization	8,997	-	-	156	11	176	8,988	-	-	153	1,143	-	-	12	91	-	-
3	Of which securitization	8,997	-	-	156	11	176	8,988	-	-	153	1,143	-	-	12	91	-	-
4	Of which retail underlying	6,823	-	-	156	11	11	6,979	-	-	137	942	-	-	11	75	-	-
5	Of which wholesale	2,174	-	-	-	-	165	2,009	-	-	16	201	-	-	1	16	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(1) Excludes the impact of the one-year phase in of the initial impact of the adoption of the securitization framework.

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

(\$ millions)

		Q4/20																
		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 >50%	to >100%	to <1250%	1250%	ERBA (including)				ERBA (including)				ERBA (including)			
		≤20% RW	50% RW	100% RW	1250% RW	1250% RW	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%
1	Total exposures	3,654	613	666	104	-	1,743	2,785	509	-	460	736	273	-	37	59	22	-
2	Traditional securitization	3,457	613	666	79	-	1,743	2,588	484	-	460	697	54	-	37	56	4	-
3	Of which securitization	3,457	613	666	79	-	1,743	2,588	484	-	460	697	54	-	37	56	4	-
4	Of which retail underlying	1,448	508	666	35	-	1,371	919	367	-	415	241	37	-	33	19	3	-
5	Of which wholesale	2,009	105	-	44	-	372	1,669	117	-	45	456	17	-	4	37	1	-
6	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Synthetic securitization	197	-	-	25	-	-	197	25	-	-	39	219	-	-	3	18	-
10	Of which securitization	197	-	-	-	-	-	197	-	-	-	39	-	-	-	3	-	-
11	Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Of which wholesale	197	-	-	-	-	-	197	-	-	-	39	-	-	-	3	-	-
13	Of which resecuritization	-	-	-	25	-	-	-	25	-	-	-	219	-	-	-	18	-
14	Of which senior	-	-	-	25	-	-	-	25	-	-	-	219	-	-	-	18	-
15	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(\$ millions)

		Q3/20																
		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 >50%	to >100%	to <1250%	1250%	ERBA (including)				ERBA (including)				ERBA (including)			
		≤20% RW	50% RW	100% RW	1250% RW	1250% RW	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%
1	Total exposures	4,597	740	-	105	-	1,751	3,416	275	-	180	854	247	-	14	68	20	-
2	Traditional securitization	4,399	740	-	79	-	1,751	3,218	249	-	180	814	30	-	14	65	3	-
3	Of which securitization	4,399	740	-	79	-	1,751	3,218	249	-	180	814	30	-	14	65	3	-
4	Of which retail underlying	2,219	544	-	35	-	1,377	1,289	132	-	138	285	13	-	11	23	1	-
5	Of which wholesale	2,180	196	-	44	-	374	1,929	117	-	42	529	17	-	3	42	2	-
6	Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Synthetic securitization	198	-	-	26	-	-	198	26	-	-	40	217	-	-	3	17	-
10	Of which securitization	198	-	-	-	-	-	198	-	-	-	40	-	-	-	3	-	-
11	Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Of which wholesale	198	-	-	-	-	-	198	-	-	-	40	-	-	-	3	-	-
13	Of which resecuritization	-	-	-	26	-	-	-	26	-	-	-	217	-	-	-	17	-
14	Of which senior	-	-	-	26	-	-	-	26	-	-	-	217	-	-	-	17	-
15	Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

(\$ millions)

	Q2/20																
	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)		SA	1250%	ERBA (including IAA)		SA	1250%	ERBA (including IAA)		SA	1250%
	≤20% RW	to 50% RW	to 100% RW	to 1250% RW	1250% RW	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%
1 Total exposures	4,883	639	26	62	-	1,805	3,778	27	-	184	633	205	-	15	50	17	-
2 Traditional securitization	4,747	639	26	35	-	1,805	3,642	-	-	184	606	-	-	15	48	-	-
3 Of which securitization	4,747	639	26	35	-	1,805	3,642	-	-	184	606	-	-	15	48	-	-
4 Of which retail underlying	2,170	620	-	35	-	1,419	1,406	-	-	142	312	-	-	12	25	-	-
5 Of which wholesale	2,577	19	26	-	-	386	2,236	-	-	42	294	-	-	3	23	-	-
6 Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Synthetic securitization	136	-	-	27	-	-	136	27	-	-	27	205	-	-	2	17	-
10 Of which securitization	136	-	-	-	-	-	136	-	-	-	27	-	-	-	2	-	-
11 Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 Of which wholesale	136	-	-	-	-	-	136	-	-	-	27	-	-	-	2	-	-
13 Of which resecuritization	-	-	-	27	-	-	-	27	-	-	-	205	-	-	-	17	-
14 Of which senior	-	-	-	27	-	-	-	27	-	-	-	205	-	-	-	17	-
15 Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(\$ millions)

	Q1/20																
	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)		SA	1250%	ERBA (including IAA)		SA	1250%	ERBA (including IAA)		SA	1250%
	≤20% RW	to 50% RW	to 100% RW	to 1250% RW	1250% RW	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%	IRBA	IAA	SA	1250%
1 Total exposures	4,243	678	25	61	-	1,734	3,247	26	-	196	568	203	-	16	45	16	-
2 Traditional securitization	4,243	678	25	35	-	1,734	3,247	-	-	196	568	-	-	16	45	-	-
3 Of which securitization	4,243	678	25	35	-	1,734	3,247	-	-	196	568	-	-	16	45	-	-
4 Of which retail underlying	2,159	596	-	35	-	1,364	1,426	-	-	136	309	-	-	11	25	-	-
5 Of which wholesale	2,084	82	25	-	-	370	1,821	-	-	60	259	-	-	5	20	-	-
6 Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Synthetic securitization	-	-	-	26	-	-	-	26	-	-	-	203	-	-	-	16	-
10 Of which securitization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 Of which wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13 Of which resecuritization	-	-	-	26	-	-	-	26	-	-	-	203	-	-	-	16	-
14 Of which senior	-	-	-	26	-	-	-	26	-	-	-	203	-	-	-	16	-
15 Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

(\$ millions)

	Q4/19																
	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) ⁽¹⁾				Capital charge after cap			
	≤20% RW	>20% to 50% RW	>50% 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	4,303	680	25	27	-	1,767	3,241	27	-	205	510	209	-	17	41	17	-
2 Traditional securitization	4,303	680	25	-	-	1,767	3,241	-	-	205	510	-	-	17	41	-	-
3 Of which securitization	4,303	680	25	-	-	1,767	3,241	-	-	205	510	-	-	17	41	-	-
4 Of which retail underlying	2,090	590	-	-	-	1,359	1,321	-	-	136	250	-	-	11	20	-	-
5 Of which wholesale	2,213	90	25	-	-	408	1,920	-	-	69	260	-	-	6	21	-	-
6 Of which resecuritization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 Of which senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Synthetic securitization	-	-	-	27	-	-	-	27	-	-	-	209	-	-	-	17	-
10 Of which securitization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Of which retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 Of which wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13 Of which resecuritization	-	-	-	27	-	-	-	27	-	-	-	209	-	-	-	17	-
14 Of which senior	-	-	-	27	-	-	-	27	-	-	-	209	-	-	-	17	-
15 Of which non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(1) Excludes the impact of the one-year phase in of the initial impact of the adoption of the securitization framework.

SUPPLEMENTARY REGULATORY CAPITAL DISCLOSURES

CREDIT EXPOSURE (EAD ⁽¹⁾)

(\$ millions)

	Q4/20		Q3/20		Q2/20		Q1/20		Q4/19	
	AIRB approach ⁽²⁾	Standardized approach	AIRB approach ⁽²⁾	Standardized approach	AIRB approach ⁽²⁾	Standardized approach	AIRB approach ⁽²⁾	Standardized approach	AIRB approach ⁽²⁾	Standardized approach
Business and government portfolios										
Corporate										
Drawn	102,342	36,603	104,664	36,842	110,441	39,489	99,401	33,392	96,444	32,292
Undrawn commitments	49,473	7,339	48,298	7,549	46,324	7,023	45,344	6,894	44,732	6,244
Repo-style transactions	139,677	-	122,883	-	140,728	-	129,920	1	122,776	1
Other off-balance sheet	14,085	1,016	15,289	1,013	15,573	1,000	14,126	959	14,540	981
OTC derivatives	10,858	786	11,535	933	11,942	932	14,453	802	14,125	596
	316,435	45,744	302,669	46,337	325,008	48,444	303,244	42,048	292,617	40,114
Sovereign										
Drawn	133,077	22,664	138,273	18,056	117,910	16,447	73,232	13,997	73,036	13,301
Undrawn commitments	8,354	-	7,780	-	7,143	-	6,463	-	6,421	-
Repo-style transactions	38,904	-	39,552	-	44,045	-	19,888	-	21,404	-
Other off-balance sheet	1,553	-	1,282	-	1,160	-	1,212	-	1,624	-
OTC derivatives	2,187	2	2,388	2	2,739	2	3,217	2	3,094	2
	184,075	22,666	189,275	18,058	172,997	16,449	104,012	13,999	105,579	13,303
Banks										
Drawn	12,846	1,241	15,627	1,225	13,425	1,476	15,370	1,723	12,689	1,862
Undrawn commitments	1,552	16	1,496	17	1,575	17	1,585	17	1,771	6
Repo-style transactions	24,228	-	22,734	-	26,568	-	25,801	-	25,472	-
Other off-balance sheet	59,761	-	62,674	-	70,264	-	60,907	-	61,532	-
OTC derivatives	5,805	21	5,691	17	5,227	16	10,102	19	9,355	18
	104,192	1,278	108,222	1,259	117,059	1,509	113,765	1,759	110,819	1,886
Gross business and government portfolios	604,702	69,688	600,166	65,654	615,064	66,402	521,021	57,806	509,015	55,303
Less: collateral held for repo-style transactions	187,832	-	169,123	-	195,597	-	162,562	-	157,415	-
Net business and government portfolios	416,870	69,688	431,043	65,654	419,467	66,402	358,459	57,806	351,600	55,303
Retail portfolios										
Real estate secured personal lending										
Drawn	231,527	4,799	226,941	4,732	224,531	4,719	222,997	4,336	222,933	4,177
Undrawn commitments	31,390	-	30,035	1	29,093	1	26,900	1	20,777	1
	262,917	4,799	256,976	4,733	253,624	4,720	249,897	4,337	243,710	4,178
Qualifying revolving retail										
Drawn	18,701	-	18,458	-	18,265	-	19,410	-	19,784	-
Undrawn commitments	53,085	-	54,652	-	53,023	-	50,945	-	49,709	-
Other off-balance sheet	271	-	231	-	201	-	266	-	275	-
	72,057	-	73,341	-	71,489	-	70,621	-	69,768	-
Other retail										
Drawn	14,869	1,326	14,112	1,299	13,654	1,344	13,733	1,268	13,478	1,268
Undrawn commitments	2,819	28	2,878	27	2,809	28	2,645	27	2,584	26
Other off-balance sheet	35	-	33	-	33	-	39	-	36	-
	17,723	1,354	17,023	1,326	16,496	1,372	16,417	1,295	16,098	1,294
Total retail portfolios	352,697	6,153	347,340	6,059	341,609	6,092	336,935	5,632	329,576	5,472
Securitization exposures ⁽³⁾	12,276	3,509	11,607	3,950	11,414	4,039	11,262	3,674	10,688	3,511
Gross credit exposure	969,675	79,350	959,113	75,663	968,087	76,533	869,218	67,112	849,279	64,286
Less: collateral held for repo-style transactions	187,832	-	169,123	-	195,597	-	162,562	-	157,415	-
Net credit exposure ⁽⁴⁾	781,843	79,350	789,990	75,663	772,490	76,533	706,656	67,112	691,864	64,286

(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) 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 standardized approach 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 standardized approach.

(4) 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 but are not included in the standardized or IRB frameworks, 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%.



CREDIT EXPOSURE - GEOGRAPHIC CONCENTRATION ⁽¹⁾⁽²⁾

(\$ millions)

	Q4/20	Q3/20	Q2/20	Q1/20	Q4/19
Business and government					
Canada					
Drawn	173,199	179,640	166,983	123,871	123,265
Undrawn commitments	45,684	45,042	42,628	40,065	39,452
Repo-style transactions	7,787	8,665	8,957	6,809	6,152
Other off-balance sheet	59,188	64,063	70,460	57,209	56,158
OTC derivatives	9,926	10,465	11,258	12,676	12,207
	295,784	307,875	300,286	240,630	237,234
United States					
Drawn	55,051	54,444	51,989	44,025	41,676
Undrawn commitments	9,717	8,914	8,770	9,646	9,327
Repo-style transactions	4,022	3,758	3,719	3,072	3,477
Other off-balance sheet	9,422	8,534	9,508	12,777	12,608
OTC derivatives	3,770	4,035	3,828	7,133	6,812
	81,982	79,685	77,814	76,653	73,900
Europe					
Drawn	8,396	9,129	9,372	7,810	6,470
Undrawn commitments	2,402	2,172	2,131	2,286	2,489
Repo-style transactions	1,241	970	719	1,034	743
Other off-balance sheet	6,138	6,014	6,373	5,616	8,232
OTC derivatives	3,279	3,236	3,105	5,485	5,216
	21,456	21,521	21,700	22,231	23,150
Other countries					
Drawn	11,619	15,351	13,432	12,297	10,758
Undrawn commitments	1,576	1,446	1,513	1,395	1,656
Repo-style transactions	1,927	2,653	2,349	2,132	1,865
Other off-balance sheet	651	634	656	643	698
OTC derivatives	1,875	1,878	1,717	2,478	2,339
	17,648	21,962	19,667	18,945	17,316
	416,870	431,043	419,467	358,459	351,600

(1) This table provides information on our business and government exposures under the AIRB approach. 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.

CREDIT EXPOSURE - MATURITY PROFILE ⁽¹⁾

(\$ millions)	Q4/20	Q3/20	Q2/20	Q1/20	Q4/19
Business and government portfolios					
Corporate					
Less than 1 year ⁽²⁾	69,549	72,257	73,175	70,591	68,489
1 - 3 years	73,110	70,548	68,099	58,966	59,945
3 - 5 years	40,637	43,988	49,833	48,898	46,107
Over 5 years	2,061	2,245	2,062	2,877	2,764
	185,357	189,038	193,169	181,332	177,305
Sovereign					
Less than 1 year ⁽²⁾	12,342	26,404	19,031	15,904	16,298
1 - 3 years	87,538	77,364	65,622	27,633	26,250
3 - 5 years	47,413	48,945	46,938	40,441	41,789
Over 5 years	926	1,108	1,063	1,292	1,221
	148,219	153,821	132,654	85,270	85,558
Banks					
Less than 1 year ⁽²⁾	68,520	71,694	78,583	73,935	73,057
1 - 3 years	13,363	14,386	13,656	16,751	14,138
3 - 5 years	1,270	1,954	1,261	1,101	1,477
Over 5 years	141	150	144	70	65
	83,294	88,184	93,644	91,857	88,737
Total business and government portfolios	416,870	431,043	419,467	358,459	351,600
Retail portfolios					
Real estate and secured personal lending					
Less than 1 year ⁽²⁾	89,981	91,550	93,355	94,087	89,179
1 - 3 years	90,317	92,304	92,452	93,361	95,461
3 - 5 years	79,795	70,136	64,627	58,774	55,135
Over 5 years	2,824	2,986	3,190	3,675	3,935
	262,917	256,976	253,624	249,897	243,710
Qualifying revolving retail					
Less than 1 year ⁽²⁾	72,057	73,341	71,489	70,621	69,768
	72,057	73,341	71,489	70,621	69,768
Other retail					
Less than 1 year ⁽²⁾	12,887	12,614	12,323	12,398	12,406
1 - 3 years	479	435	396	365	301
3 - 5 years	1,768	1,685	1,546	1,464	1,356
Over 5 years	2,589	2,289	2,231	2,190	2,035
	17,723	17,023	16,496	16,417	16,098
Total retail portfolios	352,697	347,340	341,609	336,935	329,576
Total credit exposure	769,567	778,383	761,076	695,394	681,176

(1) Excludes securitization exposures.

(2) Demand loans are included in the "Less than 1 year" category.

CREDIT RISK ASSOCIATED WITH DERIVATIVES ⁽¹⁾

(\$ millions)	Q4/20			Q4/20 Q3/20 Q2/20 Q1/20 Q4/19						
	Current replacement cost ⁽²⁾			Credit equivalent amount ⁽³⁾	Risk-weighted amount					
	Trading	Asset/liability management	Total							
Interest rate derivatives										
Over-the-counter										
Forward rate agreements	-	16	16	135	12	13	15	17	9	
Swap contracts	3,974	237	4,211	6,744	2,705	3,106	3,066	2,809	2,507	
Purchased options ⁽⁴⁾	17	6	23	35	26	38	44	45	38	
Written options ⁽⁴⁾	9	-	9	5	2	6	2	30	29	
Exchange-traded	4,000	259	4,259	6,919	2,745	3,163	3,127	2,901	2,583	
-	-	-	-	309	9	9	14	6	5	
Total interest rate derivatives	4,000	259	4,259	7,228	2,754	3,172	3,141	2,907	2,588	
Foreign exchange derivatives										
Over-the-counter										
Forward contracts	851	364	1,215	4,974	1,423	1,487	1,794	2,006	1,737	
Swap contracts	358	481	839	2,324	700	660	605	708	687	
Purchased options ⁽⁴⁾	116	1	117	182	65	98	183	129	119	
Written options ⁽⁴⁾	47	-	47	44	20	26	23	21	24	
Exchange-traded	1,372	846	2,218	7,524	2,208	2,271	2,605	2,864	2,567	
Credit derivatives										
Over-the-counter										
Credit default swap contracts - protection purchased	7	9	16	144	21	18	15	7	7	
Credit default swap contracts - protection sold	10	-	10	13	6	6	6	2	2	
Exchange-traded	17	9	26	157	27	24	21	9	9	
Equity derivatives										
Over-the-counter	275	55	330	3,100	658	667	648	1,078	1,018	
Exchange-traded	579	-	579	3,929	120	144	102	115	103	
-	854	55	909	7,029	778	811	750	1,193	1,121	
Precious metal derivatives										
Over-the-counter	58	-	58	136	55	93	62	129	115	
Exchange-traded	-	-	-	20	1	2	4	10	7	
-	58	-	58	156	56	95	66	139	122	
Other commodity derivatives										
Over-the-counter	1,293	25	1,318	2,365	866	832	625	1,234	1,195	
Exchange-traded	3	-	3	1,291	52	52	77	45	48	
-	1,296	25	1,321	3,656	918	884	702	1,279	1,243	
RWA related to non-trade exposures to central counterparties						213	206	247	302	245
RWA related to CVA capital charge						7,202	8,189	8,311	7,762	6,990
Total derivatives	7,597	1,194	8,791	25,750	14,156	15,652	15,843	16,455	14,885	

(1) Effective Q2/20, we adopted the IMM approach for counterparty credit risk for qualifying derivative transactions which impacted the calculation of EAD and RWA. Some derivatives are not eligible for IMM and remain under SA-CCR. Comparative amounts presented have not been restated.

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

(3) Under IMM, EEPE 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 EEPE 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.

(4) Prior period amounts have been reclassified to conform to the presentation adopted in the current period.



AIRB CREDIT RISK EXPOSURE - LOSS EXPERIENCE ⁽¹⁾

	Q4/20		Q3/20		Q2/20		Q1/20		Q4/19	
	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	0.50	0.32	0.45	0.36	0.44	0.28	0.44	0.21	0.45	0.29
Sovereign	0.01	-	0.01	-	0.01	-	0.02	-	0.01	-
Banks	0.10	-	0.13	-	0.18	-	0.09	-	0.10	-
Retail portfolios										
Real estate secured personal lending	0.12	0.01	0.11	0.01	0.11	0.01	0.10	0.01	0.09	0.01
Qualifying revolving retail	3.42	2.28	3.36	2.63	3.74	2.88	3.78	2.90	3.74	2.86
Other retail	2.02	0.58	2.10	0.66	2.25	0.69	2.19	0.71	2.24	0.73

(1) Actual loss rates for each quarter represent the write-offs less recoveries plus the change in allowance 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.

AIRB CREDIT RISK EXPOSURE - BACK-TESTING ⁽¹⁾

	Q4/20						Q3/20					
	Average estimated PD %	Actual default rate % ⁽²⁾	Average estimated LGD %	Actual LGD %	Estimated EAD %	Actual EAD %	Average estimated PD %	Actual default rate % ⁽²⁾	Average estimated LGD %	Actual LGD %	Estimated EAD %	Actual EAD %
Business and government portfolios ⁽³⁾												
Corporate	3.13	1.71	38.62	12.63	77.23	77.58	3.30	1.42	50.74	23.15	77.40	84.00
Sovereign	1.10	0.10	-	-	94.04	90.17	0.84	0.15	-	-	94.40	90.17
Banks	4.50	0.14	n/a	n/a	88.51	100.00	4.48	0.32	n/a	n/a	89.16	100.00
Retail portfolios ⁽⁴⁾												
Real estate secured personal lending												
Uninsured residential mortgages and personal	0.55	0.50	18.55	10.32	n/a	n/a	0.54	0.51	18.83	7.78	n/a	n/a
Insured residential mortgages	0.70	0.67	n/a	n/a	n/a	n/a	0.70	0.76	n/a	n/a	n/a	n/a
Home equity line of credit	0.28	0.29	41.89	11.63	89.53	90.96	0.28	0.29	41.27	16.77	92.35	87.63
Qualifying revolving retail	1.31	1.04	87.80	85.86	96.24	89.16	1.26	1.10	87.98	84.95	98.47	92.74
Other retail	1.97	1.66	81.26	65.76	92.77	82.31	1.99	1.73	81.68	64.79	94.01	85.31
	Q2/20						Q1/20					
	Average estimated PD %	Actual default rate % ⁽²⁾	Average estimated LGD %	Actual LGD %	Estimated EAD %	Actual EAD %	Average estimated PD %	Actual default rate % ⁽²⁾	Average estimated LGD %	Actual LGD %	Estimated EAD %	Actual EAD %
Business and government portfolios ⁽³⁾												
Corporate	3.41	1.39	31.23	14.63	78.09	85.33	3.08	0.32	23.73	12.08	77.53	91.25
Sovereign	0.84	0.07	-	-	93.71	n/a	1.04	0.12	-	-	93.34	96.19
Banks	2.75	0.31	n/a	n/a	90.07	100.00	0.85	-	n/a	n/a	92.00	n/a
Retail portfolios ⁽⁴⁾												
Real estate secured personal lending												
Uninsured residential mortgages and personal	0.51	0.46	20.08	8.01	n/a	n/a	0.53	0.46	19.92	8.08	n/a	n/a
Insured residential mortgages	0.65	0.63	n/a	n/a	n/a	n/a	0.64	0.63	n/a	n/a	n/a	n/a
Home equity line of credit	0.29	0.26	42.46	16.70	95.87	92.82	0.29	0.25	39.80	11.56	95.61	91.63
Qualifying revolving retail	1.29	1.11	88.13	80.56	95.88	90.85	1.32	1.14	87.74	82.55	97.88	91.78
Other retail	2.08	1.74	83.40	66.63	109.48	88.70	2.10	1.68	83.26	66.91	107.32	85.72

- (1) There are several key differences between Basel and IFRS 9 which could lead to significantly different estimates for PDs and LGDs. 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 2020 Annual Report for additional details.
- (2) Reflects average default rate for the trailing twelve-month period.
- (3) Estimated LGD is based on accounts that default. Estimated EAD is based on all accounts. For actual LGD, payments are discounted to the default date using discount rates based on opportunity cost (the highest interest rate at which we would originate a new loan in the corresponding portfolio). Estimated and actual EAD include only revolving facilities.
- (4) Both estimated and actual EAD are based on accounts that default. Actual LGD is based on payments received after default for accounts that defaulted 24 months before the effective month, using a discount rate based on opportunity cost. Estimated and actual EAD include only revolving products (lines of credit, credit cards, and overdraft facilities). Retail information is based upon our internal parameter monitoring system, which covers more than 90% of retail exposures.
- n/a Not applicable.

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

Internal models based on historical experience of key risk assumptions such as PD, LGD and EAD are used to compute the capital requirements subject to OSFI approval. A capital floor based on the standardized approach is also calculated by banks under the AIRB approach for credit risk and an adjustment to RWA may be required as prescribed by OSFI.

Advanced measurement approach (AMA) for operational risk

A risk-sensitive approach to calculating the capital charge for operational risk based on internal risk measurement models, using a combination of quantitative and qualitative risk measurement techniques. Effective beginning in Q1/20, the AMA approach for operational risk is no longer permitted, and banks must use the standardized approach to calculate operational risk capital requirements.

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 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 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 RWA, as defined by OSFI's CAR Guideline, which is based on 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 already 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.

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 (OTC) derivatives.

Internal ratings-based (IRB) 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) available for certain securitization exposures extended to ABCP programmes.

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, forward asset purchases, standby/trade letters of credit and securitization exposures). Until December 31, 2021, exposures arising from central bank reserves and sovereign-issued securities that qualify as High Quality Liquid Assets (HQLA) may be excluded from the exposure measure for leverage ratio purposes.

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 IFRS 9 expected credit loss purposes.

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.

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 generally based on through-the-cycle assumptions for regulatory capital purposes, and generally 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 standardized approach, 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 Common Equity Tier 1 (CET1), Additional Tier 1 (AT1) and Tier 2 capital. CET1 capital includes common shares, retained earnings, 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, deferred tax assets, net assets related to defined benefit pension plans, and certain investments. On March 27, 2020, OSFI introduced transitional arrangements for the capital treatment of expected loss provisioning, such that part of the allowances that would otherwise be included in Tier 2 capital will instead qualify for inclusion in CET1 capital subject to certain adjustments and limitations until fiscal year 2022. AT1 capital primarily includes NVCC preferred shares, Limited Recourse Capital Notes, qualifying instruments issued by a consolidated subsidiary to third parties, and non-qualifying innovative Tier 1 notes which are subject to phase-out rules for capital instruments. Tier 1 capital is comprised of CET1 plus AT1. Tier 2 capital includes NVCC subordinated indebtedness, non-qualifying subordinated indebtedness subject to phase-out rules for capital instruments, 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; non-qualifying capital instruments are excluded from regulatory capital at a rate of 10% per annum commencing January 1, 2013 through to November 1, 2021.

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 are calculated using the AIRB and standardized approaches. The AIRB RWA are calculated using PDs, LGDs, EADs, and in some cases maturity adjustments, while the standardized approach applies risk weighting factors specified in the OSFI guidelines to on- and off-balance sheet exposures; (ii) 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; and (iii) RWA for operational risk relating to the risk of losses resulting from people, inadequate or failed internal processes, and systems or from external events are calculated under standardized approach (Q4/19 and prior: calculated under the AMA and standardized approaches). 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 standardized approach 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 of 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.

Sovereign exposures

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

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

Capital is based on prescribed percentages that vary by business activity and is applied to the three-year average gross income.

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 Standardized Approach (SEC-SA).

Total loss absorbing capacity (TLAC) measure

Is defined as the sum of Total capital and bail-in-eligible liabilities that have a residual maturity greater than one year. Bail-in-eligible liabilities include long-term (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 NVCC. Consumer deposits, secured liabilities (for example, covered bonds), eligible financial contracts (for example derivatives) and certain structured notes are excluded from the bail-in power.

Transitional arrangements for capital treatment of expected loss provisioning

On March 27, 2020 OSFI introduced transitional arrangements for expected credit loss provisioning. This arrangement results in a portion of allowances that would otherwise be included in Tier 2 capital qualifying for inclusion in CET1 capital. The amount of ECL 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. The transitional arrangement does not apply to allowances allocated to portfolios under the IRB approach that are in an expected loss shortfall position during the transition period.