



Supplementary Regulatory Capital Disclosure

For the period ended
July 31, 2018

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This document is unaudited and should be read in conjunction with our quarterly report to shareholders and news release for Q3/18, and our 2017 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. All relevant information in this document is prepared under International Financial Reporting Standards (IFRS) and all amounts are in millions of Canadian dollars, unless otherwise stated.

BASEL RELATED SCHEDULES

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REGULATORY CAPITAL AND RATIOS - BASEL III (ALL-IN BASIS ¹)

(\$ millions)

Row ²	Q3/18	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16
	Cross-reference ³								
Common Equity Tier 1 (CET1) capital: instruments and reserves									
1 Directly issued qualifying common share capital plus related stock surplus	13,334	13,295	13,204	12,685	12,320	8,574	8,351	8,096	7,879
2 Retained earnings	18,051	17,412	16,701	16,101	15,535	15,011	14,483	13,584	13,145
3 Accumulated other comprehensive income (and other reserves)	746	403	(17)	452	167	1,083	698	790	509
5 Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)	118	113	106	109	107	114	108	113	101
Common Equity Tier 1 capital before regulatory adjustments	32,249	31,223	29,994	29,347	28,129	24,782	23,640	22,583	21,634
Common Equity Tier 1 capital: regulatory adjustments									
7 Prudential valuation adjustments	55	50	60	62	63	60	67	69	68
8 Goodwill (net of related tax liabilities)	5,436	5,370	5,188	5,284	5,019	1,468	1,444	1,461	1,449
9 Other intangibles other than mortgage-servicing rights (net of related tax liabilities)	1,649	1,654	1,660	1,654	1,531	1,304	1,277	1,258	1,214
10 Deferred tax assets excluding those arising from temporary differences (net of related tax liabilities)	19	5	6	18	24	71	66	70	56
11 Cash flow hedge reserve	10	-	39	33	27	46	38	23	26
12 Shortfall of allowances to expected losses ⁵	625	625	631	474	447	242	301	283	256
14 Gain and losses due to changes in own credit risk on fair valued liabilities	48	35	27	41	54	44	62	102	101
15 Defined benefit pension fund net assets (net of related tax liabilities)	496	259	268	160	300	191	287	156	115
16 Investments in own shares (if not already netted off paid-in capital on reported balance sheet)	-	-	-	3	-	-	5	13	4
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)	-	-	-	-	-	-	-	-	-
22 Amount exceeding the 15% threshold	-	-	-	-	-	-	-	-	-
23 of which: significant investments in the common stock of financials	-	-	-	-	-	-	-	-	-
25 of which: deferred tax assets arising from temporary differences	-	-	-	-	-	-	-	-	-
28 Total regulatory adjustments to Common Equity Tier 1	8,338	7,998	7,879	7,729	7,465	3,426	3,547	3,435	3,289
Common Equity Tier 1 capital (CET1)	23,911	23,225	22,115	21,618	20,664	21,356	20,093	19,148	18,345
Additional Tier 1 (AT1) capital: instruments									
30 Directly issued qualifying Additional Tier 1 instruments plus related stock surplus ⁶	2,250	2,248	2,246	1,797	1,796	1,000	1,000	1,000	1,000
31 of which: classified as equity under applicable accounting standards	2,250	2,248	2,246	1,797	1,796	1,000	1,000	1,000	1,000
33 Directly issued capital instruments subject to phase out from Additional Tier 1	1,003	1,003	1,003	1,253	1,253	1,253	1,253	1,504	1,504
34 Additional Tier 1 Instruments (and CET1 instruments not in row 5) issued by subsidiaries and held by third parties (amount allowed in group AT1)	16	14	13	14	13	15	14	14	13
Additional Tier 1 capital before regulatory adjustments	3,269	3,265	3,262	3,064	3,062	2,268	2,267	2,518	2,517
Additional Tier 1 capital: regulatory adjustments									
41 Other deductions from Tier 1 capital as determined by OSFI	-	-	-	-	-	-	-	-	-
41b of which: valuation adjustment for less liquid positions	-	-	-	-	-	-	-	-	-
43 Total regulatory adjustments to Additional Tier 1 capital	-	-	-	-	-	-	-	-	-
Additional Tier 1 capital (AT1)	3,269	3,265	3,262	3,064	3,062	2,268	2,267	2,518	2,517
Tier 1 capital (T1 = CET1 + AT1)	27,180	26,490	25,377	24,682	23,726	23,624	22,360	21,666	20,862
Tier 2 capital: instruments and provisions									
46 Directly issued qualifying Tier 2 instruments plus related stock surplus ⁸	3,390	3,407	1,925	1,961	1,961	1,982	1,975	2,001	2,005
47 Directly issued capital instruments subject to phase out from Tier 2	586	1,188	1,182	1,204	1,197	1,279	1,287	1,323	1,354
48 Tier 2 instruments (and CET1 and AT1 instruments not included in rows 5 or 34) issued by subsidiaries and held by third parties (amount allowed in Tier 2)	21	20	18	19	19	19	18	19	18
50 General allowances (Q4/17 and prior: Collective allowance under IAS 39)	291	280	269	263	250	73	70	74	72
Tier 2 capital before regulatory adjustments	4,288	4,895	3,394	3,447	3,427	3,353	3,350	3,417	3,449
Total regulatory adjustments to Tier 2 capital	-	-	-	-	-	-	-	-	-
Tier 2 capital (T2)	4,288	4,895	3,394	3,447	3,427	3,353	3,350	3,417	3,449
Total capital (TC = T1 + T2)	31,468	31,385	28,771	28,129	27,153	26,977	25,710	25,083	24,311
Total RWA	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
60a Common Equity Tier 1 (CET1) Capital RWA ⁹	211,820	208,068	204,647	203,321	198,459	175,431	169,350	168,996	168,077
60b Tier 1 Capital RWA ⁹	211,968	208,231	204,647	203,321	198,686	175,431	169,575	169,322	168,407
60c Total Capital RWA ⁹	212,116	208,394	204,647	203,321	198,867	175,431	169,755	169,601	168,690

For footnotes, see next page.



REGULATORY CAPITAL AND RATIOS - BASEL III (ALL-IN BASIS ¹) (continued)

(\$ millions)

Row ²	Q3/18	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16
	Cross-reference ³								
Capital ratios									
61 Common Equity Tier 1 (as a percentage of RWAs)	11.3%	11.2%	10.8%	10.6%	10.4%	12.2%	11.9%	11.3%	10.9%
62 Tier 1 (as a percentage of RWAs)	12.8%	12.7%	12.4%	12.1%	11.9%	13.5%	13.2%	12.8%	12.4%
63 Total capital (as a percentage of RWAs)	14.8%	15.1%	14.1%	13.8%	13.7%	15.4%	15.2%	14.8%	14.4%
64 Buffer requirement (minimum CET1 requirement plus capital conservation buffer plus G-SIB buffer requirement plus D-SIB buffer requirement expressed as a percentage of RWAs)	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%
65 of which: capital conservation buffer requirement	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
66 of which: institution specific countercyclical buffer requirement	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	n/a	n/a
67a of which: D-SIB buffer requirement	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
68 Common Equity Tier 1 available to meet buffers (as percentage of RWAs)	11.3%	11.2%	10.8%	10.6%	10.4%	12.2%	11.9%	11.3%	10.9%
OSFI all-in target (minimum + capital conservation buffer + D-SIB surcharge (if applicable)) ¹⁰									
69 Common Equity Tier 1 all-in target ratio	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%
70 Tier 1 capital all-in target ratio	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%
71 Total capital all-in target ratio	11.5%	11.5%	11.5%	11.5%	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 of other financials	204	289	279	306	450	453	409	348	368
73 Significant investments in the common stock of financials	829	814	804	802	810	828	806	814	828
75 Deferred tax assets arising from temporary differences (net of related tax liabilities)	1,024	1,034	1,030	1,170	1,157	912	894	978	981
Applicable caps on the inclusion of allowances in Tier 2									
76 Allowances eligible for inclusion in Tier 2 in respect of exposures subject to standardized approach (prior to application of cap)	291	280	269	263	250	73	70	74	72
77 Cap on inclusion of allowances in Tier 2 under standardized approach	291	AA	280	269	263	250	73	70	74
78 Allowances eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)	-	-	-	-	-	-	-	-	-
79 Cap on inclusion of allowances in Tier 2 under ratings-based approach	-	AB	-	-	-	-	-	-	-
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	n/a	n/a	n/a	n/a	n/a
81 Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
82 Current cap on AT1 instruments subject to phase out arrangements	1,003	V+see footnote 7	1,003	1,003	1,253	1,253	1,253	1,504	1,504
83 Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	602	AH+see footnote 7	597	608	369	376	376	392	158
84 Current cap on T2 instruments subject to phase out arrangements	1,802	-	1,802	1,802	2,253	2,253	2,253	2,704	2,704
85 Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	-	-	-	-	-	-	-	-	-

- 1 All-in is defined by OSFI as capital calculated to include all of the regulatory adjustments that will be required by 2019, but retaining the phase-out rules for non-qualifying capital instruments. Including the application of the 1% D-SIB CET1 surcharge, but excluding the Domestic Stability Buffer of 1.5% (see footnote 10 below), OSFI's current minimum targets for the CET1, Tier 1 and Total capital ratios are 8%, 9.5% and 11.5%, respectively.
- 2 Per OSFI's "Public Capital Disclosure Requirements related to Basel III Pillar 3" advisory in accordance with Basel III all-in-basis calculations.
- 3 Cross-referenced to the consolidated balance sheet, refer to pages 3 and 4.
- 4 Not recorded on the consolidated balance sheet.
- 5 Beginning in Q1/18, the allowance in the shortfall calculation is in accordance with IFRS 9. The allowance in prior periods was in accordance with International Accounting Standard (IAS) 39 and has not been restated. See external reporting changes discussed in "Notes to users" on page 1 of the Supplementary Financial Information for additional details.
- 6 Comprises non-cumulative Class A Preferred Shares 39, 41, 43, and 45 (effective Q3/17) and 47 (effective Q1/18) which are treated as non-viability contingent capital in accordance with OSFI's capital adequacy guidelines.
- 7 Comprises CIBC Tier 1 Notes - Series A and Series B due June 30, 2108 (together, the Tier 1 Notes). The adoption of IFRS 10 "Consolidated Financial Statements" required CIBC to deconsolidate CIBC Capital Trust, which resulted in the removal of Capital Trust securities issued by CIBC Capital Trust from the consolidated balance sheet and instead recognizing the senior deposit notes issued by CIBC to CIBC Capital Trust within Business and government deposits.
- 8 Comprises Debentures due on October 28, 2024, January 26, 2026 and April 4, 2028 which are treated as non-viability contingent capital in accordance with OSFI's capital adequacy guidelines.
- 9 As a result of the option that CIBC chose for calculating the credit valuation adjustment (CVA) capital charge, the calculation of CET1, Tier 1 and Total Capital ratios is based on different RWAs, before any capital floor adjustment, beginning in Q3/14. The charge will be phased-in during 2014-2019 and relates to bilateral over-the-counter (OTC) derivatives included in credit risk RWA. Q1/18, Q4/17 and Q2/17 RWA included capital floor adjustments. See page 7 for further details.
- 10 Excludes the 1.5% 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.
- 11 Synthetic positions not recorded on the consolidated balance sheet.
- n/a Not applicable.

RECONCILIATION OF CAPITAL (ALL-IN BASIS) TO CONSOLIDATED REGULATORY BALANCE SHEET ¹

(\$ millions)

	Q3/18				Cross reference to capital schedule ³
	Balance sheet as in report to shareholders	Insurance entities adjustment ²		Balance sheet as in the regulatory scope of consolidation	
	Deconsolidation	Equity accounting	Of which		
Assets					
Cash and non-interest-bearing deposits with banks	3,663	-	-	3,663	
Interest-bearing deposits with banks	14,138	(1)	-	14,137	
Securities	102,628	(246)	-	102,382	
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				56	AG
Significant investments in capital of non-financial institutions				-	
Other securities				102,326	
Cash collateral on securities borrowed	5,083	-	-	5,083	
Securities purchased under resale agreements	44,513	-	-	44,513	
Loans	368,434	-	-	368,434	
Allowance for credit losses	(1,641)	-	-	(1,641)	
General allowance reflected in Tier 2 capital				(291)	AA
Excess in allowance over expected losses reflected in Tier 2 capital				-	AB
Allowances not reflected in regulatory capital				(1,350)	
Derivative instruments	22,003	-	-	22,003	
Customers' liability under acceptances	10,517	-	-	10,517	
Land, buildings and equipment	1,733	-	-	1,733	
Goodwill	5,510	-	-	5,510	F
Software and other intangible assets	1,921	-	-	1,921	I
Investments in equity-accounted associates and joint ventures	499	-	398	897	
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				431	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				3	AL
Significant investments in capital of non-financial institutions				34	
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				398	AE
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds				14	AJ
Non-significant investments in capital of non-financial institutions				7	
Deferred tax assets	535	-	-	535	
Deferred tax assets excluding those arising from temporary differences				19	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				1,024	AC
Deferred tax liabilities related to goodwill				(84)	H
Deferred tax liabilities related to software and other intangible assets				(275)	J
Deferred tax liabilities related to defined benefit pension fund net assets				(149)	O
Other assets					
Defined benefit pension fund net assets	645	-	-	645	N
Other	14,844	(114)	-	14,730	
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds				5	AI
Other				14,725	
Total assets	595,025	(361)	398	595,062	

For footnotes, see next page.



RECONCILIATION OF CAPITAL (ALL-IN BASIS) TO CONSOLIDATED REGULATORY BALANCE SHEET ¹ (continued)

(\$ millions)

Liabilities

	Q3/18			Of which	Cross reference to capital schedule ³	
	Balance sheet as in report to shareholders	Insurance entities adjustment ² Deconsolidation	Equity accounting			Balance sheet as in the regulatory scope of consolidation
Deposits	459,767	-	-	459,767		
Obligations related to securities sold short	12,152	-	-	12,152		
Cash collateral on securities lent	2,462	-	-	2,462		
Obligations related to securities sold under repurchase agreements	32,985	-	-	32,985		
Derivative instruments	21,776	-	-	21,776		
Acceptances	10,521	-	-	10,521		
Deferred tax liabilities	31	-	-	31		
Other liabilities	16,746	198	(161)	16,783		
Subordinated indebtedness	4,031	-	-	4,031		
Subordinated indebtedness allowed for inclusion in Tier 2 capital					3,390	X
Subordinated indebtedness allowed for inclusion in Tier 2 capital subject to phase out					586	Y
Regulatory capital amortization of maturing subordinated indebtedness not allowed for Tier 2 capital					-	
Subordinated indebtedness excluded from Tier 2 capital due to cap					-	
Subordinated indebtedness not allowed for Tier 2 capital					55	
Total liabilities	560,471	198	(161)	560,508		
Equity						
Preferred shares	2,250	-	-	2,250		
Preferred shares allowed for inclusion into additional Tier 1 capital					2,250	U
Preferred shares allowed for inclusion into additional Tier 1 capital subject to phase out					-	V
Preferred shares excluded from additional Tier 1 capital due to cap					-	AH
Common shares	13,201	-	-	13,201		
Common shares – treasury positions					-	
Common shares					13,201	A
Contributed surplus	133	-	-	133		
Retained earnings	18,051	(561)	561	18,051		
Gains and losses due to changes in own credit risk on fair valued liabilities					52	M
Other retained earnings					17,999	
AOCI	746	2	(2)	746		
Cash flow hedges					10	L
Net fair value gains (losses) arising from changes in institution's own credit risk					(4)	AK
Other					740	
Non-controlling interests	173	-	-	173		
Portion allowed for inclusion into CET1					118	E
Portion allowed for inclusion into additional Tier 1 capital					16	W
Portion allowed for inclusion into Tier 2 capital					21	Z
Portion not allowed for regulatory capital					18	
Total equity	34,554	(559)	559	34,554		
Total liabilities and equity	595,025	(361)	398	595,062		

¹ Per OSFI's "Public Capital Disclosure Requirements related to Basel III Pillar 3" advisory.

² Comprises our insurance subsidiaries: CIBC Reinsurance Company Limited (CIBC Re), and CIBC Life Insurance Company Limited (CIBC Life), which are excluded from the regulatory scope of consolidation. CIBC Re provides Life and Health reinsurance to Canadian insurance and international reinsurance companies. CIBC Re is also an active participant in the North American retrocession market. 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 July 31, 2018, CIBC Re had \$224 million in assets, \$(132) million in liabilities, and \$356 million in equity, and CIBC Life had \$137 million in assets, \$(66) million in liabilities, and \$203 million in equity.

³ Refer to pages 1 and 2.

CHANGES IN REGULATORY CAPITAL - BASEL III (ALL-IN BASIS ¹)

(\$ millions)

	Q3/18	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16
Common Equity Tier 1 (CET1) capital									
Opening amount	23,225	22,115	21,618	20,664	21,356	20,093	19,148	18,345	17,165
Issue of common shares pursuant to the acquisition of The PrivateBank	-	-	194	-	3,443	-	-	-	-
Issue of common shares pursuant to the acquisition of Geneva Advisors	-	-	-	126	-	-	-	-	-
Issue of common shares pursuant to the acquisition of Wellington Financial	-	-	47	-	-	-	-	-	-
Shares issued in lieu of cash dividends (add back)	46	47	196	201	187	191	170	164	-
Other issue of common shares	48	42	82	40	37	40	91	48	23
Redeemed capital	-	-	-	-	-	-	-	-	-
Purchase of common shares for cancellation	(52)	-	-	-	-	-	-	-	-
Premium on purchase of common shares for cancellation	(150)	-	-	-	-	-	-	-	-
Gross dividends (deduction)	(612)	(615)	(592)	(593)	(560)	(518)	(502)	(488)	(487)
Profit for the quarter (attributable to shareholders of the parent company)	1,365	1,313	1,323	1,159	1,093	1,045	1,402	927	1,435
Removal of own credit spread (net of tax)	(13)	(8)	14	13	(10)	18	40	(1)	(29)
Change in AOCI balances included in regulatory capital									
Currency translation differences	151	536	(582)	431	(1,057)	503	(253)	223	86
Securities measured at fair value through other comprehensive income (FVOCI) (Q4/17 and prior:									
Available-for-sale investments)	(45)	(73)	(54)	(24)	(42)	35	(70)	9	40
Cash flow hedges	10	(39)	6	6	(19)	8	15	(3)	8
Post-employment defined benefit plans	219	(5)	107	(125)	203	(158)	219	55	(148)
Goodwill and other intangible assets (deduction, net of related tax liabilities)	(61)	(176)	90	(388)	(3,778)	(51)	(2)	(56)	288
Shortfall of allowance to expected losses	-	6	(157)	(27)	(205)	59	(18)	(27)	(63)
Other, including regulatory adjustments and transitional arrangements									
Deferred tax assets that rely on future profitability (excluding those arising from temporary differences)	(14)	1	12	6	47	(5)	4	(14)	43
Defined benefit pension fund net assets	(237)	9	(108)	140	(109)	96	(131)	(41)	(5)
Significant investments in financial institutions (amount above 10% threshold)	-	-	-	-	-	-	-	-	-
Amount exceeding 15% threshold	-	-	-	-	-	-	-	-	-
Prudential valuation adjustments	(5)	10	2	1	(3)	7	2	(1)	(5)
Other ²	36	62	(83)	(12)	81	(7)	(22)	8	(6)
Closing amount	23,911	23,225	22,115	21,618	20,664	21,356	20,093	19,148	18,345
Additional Tier 1 (AT1) capital									
Opening amount	3,265	3,262	3,064	3,062	2,268	2,267	2,518	2,517	2,517
AT1 eligible capital issues	-	-	450	-	800	-	-	-	-
Redeemed capital	-	-	-	-	-	-	-	-	-
Impact of the cap on inclusion for instruments subject to phase out	-	-	(251)	-	-	-	(251)	-	-
Other, including regulatory adjustments and transitional arrangements	4	3	(1)	2	(6)	1	-	1	-
Closing amount	3,269	3,265	3,262	3,064	3,062	2,268	2,267	2,518	2,517
Total Tier 1 capital	27,180	26,490	25,377	24,682	23,726	23,624	22,360	21,666	20,862
Tier 2 capital									
Opening amount	4,895	3,394	3,447	3,427	3,353	3,350	3,417	3,449	3,401
New Tier 2 eligible capital issues	-	1,500	-	-	-	-	-	-	-
Redeemed capital	(600)	-	-	-	-	-	-	-	-
Amortization adjustments	-	-	-	-	-	-	-	-	-
Impact of the cap on inclusion for instruments subject to phase out	-	-	-	-	-	-	-	-	-
Other, including regulatory adjustments and transitional arrangements	(7)	1	(53)	20	74	3	(67)	(32)	48
Closing amount	4,288	4,895	3,394	3,447	3,427	3,353	3,350	3,417	3,449
Total capital	31,468	31,385	28,771	28,129	27,153	26,977	25,710	25,083	24,311

¹ All-in is defined by OSFI as capital calculated to include all of the regulatory adjustments that will be required by 2019, but retaining the phase-out rules for non-qualifying capital instruments.

² Includes the net impact on retained earnings and AOCI as at November 1, 2017 from the adoption of IFRS 9. See external reporting changes discussed in "Notes to users" on page 1 of the Supplementary Financial Information for additional details.

BASEL III LEVERAGE RATIO

(\$ millions)

Row ^{1,2}

	Q3/18	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	
On-balance sheet exposures										
1	On-balance sheet items (excluding derivatives, securities financing transactions (SFTs) and grandfathered securitization exposures, but including collateral)	522,696	514,986	500,027	493,003	486,823	456,527	442,244	437,179	426,904
2	Asset amounts deducted in determining Basel III Tier 1 capital	(8,291)	(7,964)	(7,852)	(7,690)	(7,411)	(3,381)	(3,483)	(3,333)	(3,188)
3	Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 and 2)	514,405	507,022	492,175	485,313	479,412	453,146	438,761	433,846	423,716
Derivative exposures										
4	Replacement cost associated with all derivative transactions (i.e. net of eligible cash variation margin)	5,973	5,992	6,734	5,339	5,066	6,452	4,981	6,418	7,065
5	Add-on amounts for potential future exposure (PFE) associated with all derivative transactions	19,922	19,889	18,387	17,224	15,638	16,567	14,549	14,406	14,668
6	Gross up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the operative accounting framework	-	-	-	-	-	-	-	-	-
7	(Deductions of receivables assets for cash variation margin provided in derivative transactions)	(4,928)	(3,810)	(5,502)	(4,016)	(4,585)	(4,990)	(5,408)	(5,667)	(5,450)
8	(Exempted central counterparty (CCP)-leg of client cleared trade exposures)	-	-	-	-	-	-	-	-	-
9	Adjusted effective notional amount of written credit derivatives	13	141	467	389	125	-	216	-	356
10	(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	(13)	(141)	(467)	(389)	-	-	(22)	-	(154)
11	Total derivatives exposures (sum of lines 4 to 10)	20,967	22,071	19,619	18,547	16,244	18,029	14,122	15,351	16,485
Securities financing transaction exposures										
12	Gross SFT assets recognized for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions	49,596	49,881	55,260	45,418	45,072	43,842	44,556	33,810	36,460
13	(Netted amounts of cash payables and cash receivables of gross SFT assets)	(3,107)	(4,065)	(4,501)	(2,392)	-	-	-	-	-
14	Counterparty credit risk (CCR) exposure for SFTs	1,942	2,773	2,556	1,903	1,989	2,013	1,682	1,772	1,135
15	Agent transaction exposures	-	-	-	-	-	-	-	-	-
16	Total securities financing transaction exposures (sum of lines 12 to 15)	48,431	48,589	53,315	44,929	47,061	45,855	46,238	35,582	37,595
Other off-balance sheet exposures										
17	Off-balance sheet exposure at gross notional amount	246,660	241,179	236,408	233,667	231,083	218,975	211,165	212,888	208,903
18	(Adjustments for conversion to credit equivalent amounts)	(181,294)	(177,554)	(174,911)	(172,103)	(171,486)	(163,901)	(154,456)	(152,187)	(149,527)
19	Off-balance sheet items (sum of lines 17 and 18)	65,366	63,625	61,497	61,564	59,597	55,074	56,709	60,701	59,376
20	Tier 1 capital	27,180	26,490	25,377	24,682	23,726	23,624	22,360	21,666	20,862
21	Total exposures (sum of lines 3, 11, 16 and 19)	649,169	641,307	626,606	610,353	602,314	572,104	555,830	545,480	537,172
22	Basel III leverage ratio	4.2%	4.1%	4.0%	4.0%	3.9%	4.1%	4.0%	4.0%	3.9%

SUMMARY COMPARISON OF ACCOUNTING ASSETS VS. LEVERAGE RATIO EXPOSURE MEASURE

(\$ millions)

Row ^{1,2}

	Q3/18	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	
1	Total consolidated assets as per published financial statements	595,025	590,537	586,927	565,264	560,912	528,591	513,294	501,357	494,490
2	Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	37	27	67	80	80	120	136	129	165
3	Adjustment for fiduciary assets recognized on the balance sheet pursuant to the operative accounting framework but excluded from the leverage ratio exposure measure	-	-	-	-	-	-	-	-	-
4	Adjustment for derivative financial instruments	(1,036)	(1,868)	(9,684)	(5,796)	(10,126)	(7,583)	(9,775)	(12,412)	(12,067)
5	Adjustment for securities financing transactions (i.e. repos and similar secured lending)	(1,165)	(1,292)	(1,945)	(489)	1,989	2,013	1,682	1,772	1,135
6	Adjustment for off-balance sheet items (i.e. credit equivalent amounts of off-balance sheet exposures)	65,366	63,625	61,497	61,564	59,597	55,074	56,709	60,701	59,376
7	Other adjustments	(9,058)	(9,722)	(10,256)	(10,270)	(10,138)	(6,111)	(6,216)	(6,067)	(5,927)
8	Leverage ratio exposure	649,169	641,307	626,606	610,353	602,314	572,104	555,830	545,480	537,172

1 Per OSFI's "Public Disclosure Requirements related to Basel III Leverage Ratio" published in December 2017.

2 To enhance comparability, the all-in information for Q4/17 and prior quarters has been re-arranged to align with the row numbers in OSFI's "Public Disclosure Requirements related to Basel III Leverage Ratio" published in December 2017. The information for Q4/17 and prior quarters has not changed.

RISK-WEIGHTED ASSETS

(\$ millions)

	Q3/18	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16		
	Minimum total capital required ¹		RWA								
	RWA	RWA									
Credit risk ²											
Standardized approach											
Corporate	31,501	2,520	29,756	27,707	28,029	26,631	3,727	3,578	3,645	3,674	
Sovereign	2,342	187	1,535	1,454	1,597	1,550	777	621	780	658	
Banks	470	38	463	430	488	438	439	442	521	472	
Real estate secured personal lending	2,690	215	2,592	2,437	2,735	2,645	2,085	2,100	2,181	2,144	
Other retail	861	69	855	838	933	873	833	666	667	647	
Trading book	222	18	194	181	187	188	152	130	123	105	
	38,086	3,047	35,395	33,047	33,969	32,325	8,013	7,537	7,917	7,700	
AIRB approach											
Corporate	65,554	5,244	65,193	63,716	64,924	64,133	64,418	64,074	64,856	65,185	
Sovereign ³	2,111	169	2,209	2,303	2,093	2,048	1,900	2,075	2,185	2,245	
Banks	3,541	283	3,925	3,505	3,215	3,110	3,582	3,601	3,526	3,753	
Real estate secured personal lending	16,236	1,299	15,900	15,706	14,738	14,566	13,691	13,156	12,115	11,497	
Qualifying revolving retail	17,914	1,433	17,826	17,844	17,355	16,931	17,050	17,432	17,512	17,200	
Other retail	7,696	616	7,553	7,507	7,579	8,296	8,182	7,965	7,813	7,738	
Equity	760	61	729	739	759	813	699	734	705	693	
Trading book	3,560	285	3,793	3,666	3,345	3,164	3,641	3,359	3,576	3,387	
Securitization	1,082	87	1,256	1,276	1,341	1,296	1,340	1,398	2,218	2,290	
Adjustment for scaling factor	7,107	569	7,093	6,966	6,911	6,852	6,860	6,818	6,860	6,830	
	125,561	10,046	125,477	123,228	122,260	121,209	121,363	120,612	121,366	120,818	
Other credit RWA	10,739	859	10,169	10,675	11,427	11,356	10,893	10,322	10,815	11,276	
Total credit risk (before adjustment for CVA phase-in) ⁴	174,386	13,952	171,041	166,950	167,656	164,890	140,269	138,471	140,098	139,794	
Market risk (Internal Models and IRB Approach)											
Value-at-risk (VaR)	879	70	924	858	935	1,203	1,005	989	881	911	
Stressed VaR	2,705	216	2,854	2,214	2,058	2,420	2,066	2,104	1,623	1,729	
Incremental risk charge	2,725	218	2,583	2,290	1,843	2,186	3,167	2,383	1,624	1,209	
Securitization & other	845	68	546	247	556	169	85	75	47	86	
Total market risk	7,154	572	6,907	5,609	5,392	5,978	6,323	5,551	4,175	3,935	
Operational risk	26,324	2,106	25,774	25,241	24,664	24,327	22,452	22,081	21,746	21,327	
Total RWA before adjustments for CVA phase-in and capital floor ^{4,5}	207,864	16,630	203,722	197,800	197,712	195,195	169,044	166,103	166,019	165,056	
CVA capital charge ⁴											
CET1 RWA	B	3,956	316	4,346	3,798	3,498	3,264	3,655	3,247	2,977	3,021
Tier 1 RWA	C	4,104	328	4,509	3,940	3,741	3,491	3,909	3,472	3,303	3,351
Total RWA	D	4,252	340	4,672	4,083	3,935	3,672	4,112	3,652	3,582	3,634
Capital floor adjustment ⁵											
CET1 RWA	E	n/a	n/a	n/a	3,049	2,111	n/a	2,732	n/a	n/a	n/a
Tier 1 RWA	F	n/a	n/a	n/a	2,907	1,868	n/a	2,478	n/a	n/a	n/a
Total RWA	G	n/a	n/a	n/a	2,764	1,674	n/a	2,275	n/a	n/a	n/a
Total RWA after adjustments for CVA phase-in and capital floor ^{4,5}											
CET1 capital RWA	A+B+E	211,820	16,946	208,068	204,647	203,321	198,459	175,431	169,350	168,996	168,077
Tier 1 capital RWA	A+C+F	211,968	16,958	208,231	204,647	203,321	198,686	175,431	169,575	169,322	168,407
Total capital RWA	A+D+G	212,116	16,970	208,394	204,647	203,321	198,867	175,431	169,755	169,601	168,690

- Refers to the minimum standard established by the BCBS before the application of the capital conservation buffer and any other capital buffers including but not limited to the capital surcharge for global/domestic systemically important banks that may be established by regulators from time to time. It is calculated by multiplying RWA by 8%.
 - Credit risk for CIBC Bank USA is calculated under the standardized approach.
 - Includes residential mortgages insured by Canadian Mortgage and Housing Corporation (CMHC), an agency of the government of Canada, and government guaranteed student loans.
 - As a result of the option that CIBC chose for calculating the CVA capital charge, the calculation of CET1, Tier 1 and Total Capital ratios is based on different RWAs, before any capital floor adjustment, beginning in Q3/14. The charge will be phased-in during 2014-2019 and relates to bilateral OTC derivatives included in credit risk RWA.
 - 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. Effective in Q2/18, 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 compared with the floor factor applied to the capital requirements under the Basel II standardized approach is added to RWAs (the current 72.5% floor is to be increased to 75% in Q4/18). Prior to Q2/18 the capital floor for banks using the AIRB approach for credit risk was determined by reference to the Basel I instead of the Basel II standardized approach calculation. All-in RWAs as at Q1/18, Q4/17 and Q2/17 included a capital floor adjustment under this methodology. See the "Continuous enhancement to regulatory capital requirements" section of the MD&A in our third quarter report to shareholders for additional details.
- n/a Not applicable.



CHANGES IN CET1 RISK-WEIGHTED ASSETS ¹

(\$ millions)

	Q3/18 vs. Q2/18		Q2/18 vs. Q1/18		Q1/18 vs. Q4/17		Q4/17 vs. Q3/17	
	Credit risk	Of which counterparty credit risk ²	Credit risk	Of which counterparty credit risk ²	Credit risk	Of which counterparty credit risk ²	Credit risk	Of which counterparty credit risk ²
Credit risk								
Balance at beginning of period	175,387	11,472	170,748	11,131	171,154	10,125	168,154	9,436
Book size ³	3,346	175	4,905	151	5,167	1,127	3,131	668
Book quality ⁴	(1,417)	(331)	(1,717)	(591)	(1,298)	(346)	(1,117)	(361)
Model updates ⁵	479	-	(653)	96	69	-	(558)	-
Methodology and policy ⁶	-	-	-	-	513	380	70	-
Acquisitions and disposals	-	-	-	-	300	-	-	-
Foreign exchange movements	825	39	2,729	165	(2,967)	(137)	2,160	130
Other	(278)	(412)	(625)	520	(2,190)	(18)	(686)	252
Balance at end of period ⁷	178,342	10,943	175,387	11,472	170,748	11,131	171,154	10,125

	Q3/18 vs. Q2/18	Q2/18 vs. Q1/18	Q1/18 vs. Q4/17	Q4/17 vs. Q3/17
Market risk				
Balance at beginning of period	6,907	5,609	5,392	5,978
Movement in risk levels ⁸	223	1,079	80	(505)
Model updates ⁵	-	257	(8)	32
Methodology and policy ⁶	-	-	-	-
Acquisitions and disposals	-	-	-	-
Foreign exchange movements	24	(38)	145	(113)
Other	-	-	-	-
Balance at end of period	7,154	6,907	5,609	5,392

	Q3/18 vs. Q2/18	Q2/18 vs. Q1/18	Q1/18 vs. Q4/17	Q4/17 vs. Q3/17
Operational risk				
Balance at beginning of period	25,774	25,241	24,664	24,327
Movement in risk levels ⁹	550	533	536	215
Methodology and policy ⁶	-	-	-	-
Acquisitions and disposals	-	-	41	122
Balance at end of period	26,324	25,774	25,241	24,664

¹ Excludes capital floor adjustment.

² Comprises derivatives and repo-style transactions.

³ Relates to net increase/decrease in the underlying exposures.

⁴ Relates to changes in credit risk mitigation and credit quality of the borrower/counterparty.

⁵ Relates to internal model or parameter changes.

⁶ Relates to regulatory changes implemented on an industry wide basis (i.e. Basel III) and any capital methodology changes implemented within CIBC for our portfolios.

⁷ Includes \$3,956 million (Q2/18: \$4,346 million) of CET1 CVA RWAs relating to bilateral OTC derivatives.

⁸ Relates to changes in open positions and market data.

⁹ Relates to changes in loss experience, business environment, internal control factors and revenue.

CREDIT EXPOSURE (EAD ¹)

(\$ millions)

	Q3/18		Q2/18		Q1/18		Q4/17		Q3/17		Q2/17		Q1/17		Q4/16	
	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach
Business and government portfolios																
Corporate																
Drawn	84,468	25,968	82,777	24,756	78,623	23,150	78,312	23,390	76,424	22,316	74,544	3,362	71,977	3,204	72,807	3,370
Undrawn commitments	42,096	4,816	40,825	4,404	40,340	3,996	39,078	4,085	38,629	3,693	39,935	147	37,667	135	36,845	145
Repo-style transactions	96,429	8	90,817	11	91,235	28	76,899	39	75,016	28	72,087	38	65,326	15	53,644	33
Other off-balance sheet	15,099	811	16,531	738	14,072	703	13,484	697	13,848	675	15,688	216	15,706	235	18,350	229
OTC derivatives	9,122	37	9,759	39	9,043	46	8,990	64	8,111	75	9,885	-	8,245	-	9,001	-
	247,214	31,640	240,709	29,948	233,313	27,923	216,763	28,275	212,028	26,787	212,139	3,763	198,921	3,589	190,647	3,777
Sovereign																
Drawn	54,102	11,660	50,531	11,494	47,049	11,108	41,439	11,827	46,090	11,061	42,224	5,026	41,810	4,759	44,055	4,773
Undrawn commitments	6,395	-	6,484	-	6,168	-	5,642	-	5,733	-	5,547	-	4,722	-	4,670	-
Repo-style transactions	17,320	-	14,497	-	15,102	-	14,374	-	12,269	-	13,268	-	10,439	-	10,020	-
Other off-balance sheet	534	-	535	-	536	-	533	-	554	-	682	-	693	-	753	-
OTC derivatives	2,553	-	2,801	-	2,497	-	2,660	-	2,487	-	3,677	-	2,951	-	3,581	-
	80,904	11,660	74,848	11,494	71,352	11,108	64,648	11,827	67,133	11,061	65,398	5,026	60,615	4,759	63,079	4,773
Banks																
Drawn	13,393	2,000	13,186	1,923	11,446	1,821	10,422	2,021	10,276	1,854	10,326	1,776	10,150	1,689	10,715	1,940
Undrawn commitments	1,037	5	980	6	996	6	840	8	984	9	1,040	-	1,089	-	1,011	-
Repo-style transactions	24,093	-	29,446	-	26,739	-	21,469	-	22,459	-	22,296	-	24,008	-	22,720	-
Other off-balance sheet	67,347	-	66,862	-	63,491	-	64,176	-	62,155	-	64,972	-	61,464	-	62,107	-
OTC derivatives	8,657	278	8,182	242	8,165	222	7,527	232	6,350	233	7,603	219	6,053	160	6,005	167
	114,527	2,283	118,656	2,171	110,837	2,049	104,434	2,261	102,224	2,096	106,237	1,995	102,764	1,849	102,558	2,107
Gross business and government portfolios	442,645	45,583	434,213	43,613	415,502	41,080	385,845	42,363	381,385	39,944	383,774	10,784	362,300	10,197	356,284	10,657
Less: repo-style transaction collateral	125,769	-	122,114	-	118,964	-	101,315	-	98,861	-	95,043	-	88,596	-	76,263	-
Net business and government portfolios	316,876	45,583	312,099	43,613	296,538	41,080	284,530	42,363	282,524	39,944	288,731	10,784	273,704	10,197	280,021	10,657
Retail portfolios																
Real estate secured personal lending																
Drawn	225,107	3,551	225,115	3,423	224,655	3,200	223,291	3,423	219,304	3,284	211,790	2,696	206,740	2,556	201,580	2,645
Undrawn commitments	19,962	3	19,978	3	18,900	3	18,922	3	19,967	4	19,543	-	17,926	-	18,375	-
	245,069	3,554	245,093	3,426	243,555	3,203	242,213	3,426	239,271	3,288	231,333	2,696	224,666	2,556	219,955	2,645
Qualifying revolving retail																
Drawn	22,337	-	22,245	-	21,941	-	21,982	-	21,922	-	21,578	-	21,504	-	21,597	-
Undrawn commitments	50,762	-	49,812	-	49,860	-	49,140	-	46,383	-	46,623	-	48,231	-	47,140	-
Other off-balance sheet	273	-	311	-	240	-	293	-	311	-	302	-	258	-	319	-
	73,372	-	72,368	-	72,041	-	71,415	-	68,616	-	68,503	-	69,993	-	69,056	-
Other retail																
Drawn	11,828	1,144	11,558	1,138	11,047	1,081	10,755	1,158	10,466	1,080	10,117	851	9,762	797	9,671	794
Undrawn commitments	2,487	26	2,448	28	2,430	27	2,396	28	2,142	30	2,088	27	2,073	25	2,026	26
Other off-balance sheet	29	-	31	-	36	-	37	-	33	-	34	-	36	-	32	-
	14,344	1,170	14,037	1,166	13,513	1,108	13,188	1,186	12,641	1,110	12,239	878	11,871	822	11,729	820
Total retail portfolios	332,785	4,724	331,498	4,592	329,109	4,311	326,816	4,612	320,528	4,398	312,075	3,574	306,530	3,378	300,740	3,465
Securitization exposures	14,054	-	14,436	-	13,884	-	14,174	-	13,350	-	12,546	-	13,001	-	18,863	-
Gross credit exposure	789,484	50,307	780,147	48,205	758,495	45,391	726,835	46,975	715,263	44,342	708,395	14,358	681,831	13,575	675,887	14,122
Less: repo-style transaction collateral	125,769	-	122,114	-	118,964	-	101,315	-	98,861	-	95,043	-	88,596	-	76,263	-
Net credit exposure	663,715	50,307	658,033	48,205	639,531	45,391	625,520	46,975	616,402	44,342	613,352	14,358	593,235	13,575	599,624	14,122

¹ Gross credit exposure after CVA for financial guarantors, and before allowance for credit losses.

CREDIT EXPOSURE - GEOGRAPHIC CONCENTRATION ¹

(\$ millions)

	Q3/18	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16
Business and government									
Canada									
Drawn	95,072	91,465	85,135	80,338	79,063	75,259	72,212	75,116	74,422
Undrawn commitments	37,449	37,189	36,469	34,823	34,791	36,021	33,465	32,082	32,578
Repo-style transactions	6,582	7,846	8,278	6,962	6,730	8,244	7,748	7,497	4,336
Other off-balance sheet	59,687	58,302	54,903	52,371	51,675	55,082	54,291	54,925	49,518
OTC derivatives	9,882	9,300	8,118	9,133	7,625	11,394	7,973	8,887	8,722
	208,672	204,102	192,903	183,627	179,884	186,000	175,689	178,507	169,576
United States									
Drawn	41,594	41,347	38,552	36,261	41,524	40,900	39,201	38,792	37,999
Undrawn commitments	8,413	7,639	7,562	7,417	7,596	7,403	7,360	7,923	7,937
Repo-style transactions	3,521	3,160	3,138	2,790	2,430	2,299	2,253	1,675	4,181
Other off-balance sheet	16,190	16,749	16,962	19,358	19,971	18,819	19,294	21,077	20,510
OTC derivatives	5,919	6,325	5,926	4,754	4,078	4,364	4,055	3,885	3,077
	75,637	75,220	72,140	70,580	75,599	73,785	72,163	73,352	73,704
Europe									
Drawn	6,217	5,325	4,570	4,683	3,805	3,623	4,189	5,244	4,602
Undrawn commitments	2,296	2,138	2,198	2,133	1,946	2,085	1,791	1,725	1,661
Repo-style transactions	906	932	1,889	1,035	1,166	1,232	781	460	572
Other off-balance sheet	6,580	8,295	5,483	5,900	4,376	6,892	3,715	4,717	4,761
OTC derivatives	3,169	3,562	3,449	3,306	3,282	3,502	3,427	3,687	3,726
	19,168	20,252	17,589	17,057	14,575	17,334	13,903	15,833	15,322
Other countries									
Drawn	9,080	8,357	8,861	8,891	8,398	7,312	8,335	8,425	7,471
Undrawn commitments	1,370	1,323	1,275	1,187	1,013	1,013	862	796	744
Repo-style transactions	1,064	708	807	640	557	833	395	489	174
Other off-balance sheet	523	582	751	564	535	549	563	491	504
OTC derivatives	1,362	1,555	2,212	1,984	1,963	1,905	1,794	2,128	2,448
	13,399	12,525	13,906	13,266	12,466	11,612	11,949	12,329	11,341
	316,876	312,099	296,538	284,530	282,524	288,731	273,704	280,021	269,943

¹ This table provides information of our business and government exposures under the AIRB approach. Substantially all our retail exposures under the AIRB approach are based in Canada. Gross credit exposure after CVA for financial guarantors, and before allowance for credit losses.

CREDIT EXPOSURE - MATURITY PROFILE ¹

(\$ millions)

	Q3/18	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16
Business and government portfolios									
Corporate									
Less than 1 year ²	63,506	64,337	61,810	57,008	56,711	60,057	56,518	57,633	55,488
1 - 3 years	53,430	52,742	52,309	50,953	50,325	50,961	47,897	46,676	44,333
3 - 5 years	39,054	37,994	34,340	36,704	34,676	34,822	34,003	36,411	36,344
Over 5 years	1,793	1,723	1,714	1,952	1,818	2,169	1,957	2,108	1,638
	157,783	156,796	150,173	146,617	143,530	148,009	140,375	142,828	137,803
Sovereign									
Less than 1 year ²	17,429	14,694	15,110	12,181	18,998	14,516	15,532	15,277	14,571
1 - 3 years	20,028	21,222	20,506	20,091	18,926	19,695	17,024	16,886	15,951
3 - 5 years	26,314	24,368	21,070	17,774	16,496	16,883	16,819	20,131	16,302
Over 5 years	1,160	1,349	1,087	1,322	1,213	1,871	1,344	1,504	1,581
	64,931	61,633	57,773	51,368	55,633	52,965	50,719	53,798	48,405
Banks									
Less than 1 year ²	77,489	77,543	74,797	72,800	70,511	72,948	68,075	69,199	67,043
1 - 3 years	13,637	12,688	10,992	11,227	10,773	12,768	10,212	9,042	8,787
3 - 5 years	2,337	2,534	2,229	1,844	1,611	1,573	4,008	4,627	7,396
Over 5 years	699	905	574	674	466	468	315	527	509
	94,162	93,670	88,592	86,545	83,361	87,757	82,610	83,395	83,735
Total business and government portfolios	316,876	312,099	296,538	284,530	282,524	288,731	273,704	280,021	269,943
Retail portfolios									
Real estate and secured personal lending									
Less than 1 year ²	82,326	83,307	80,217	77,712	75,496	70,478	68,450	69,027	75,233
1 - 3 years	102,426	100,985	101,537	100,461	98,288	93,231	84,631	78,550	71,028
3 - 5 years	57,981	59,151	60,735	63,138	64,414	66,324	70,175	70,880	71,746
Over 5 years	2,336	1,650	1,066	902	1,073	1,300	1,410	1,498	1,507
	245,069	245,093	243,555	242,213	239,271	231,333	224,666	219,955	219,514
Qualifying revolving retail									
Less than 1 year ²	73,372	72,368	72,041	71,415	68,616	68,503	69,993	69,056	68,334
	73,372	72,368	72,041	71,415	68,616	68,503	69,993	69,056	68,334
Other retail									
Less than 1 year ²	12,416	12,363	12,116	12,036	11,754	11,501	11,274	11,242	11,204
1 - 3 years	186	183	209	169	174	186	185	180	210
3 - 5 years	552	448	354	295	214	176	148	130	116
Over 5 years	1,190	1,043	834	688	499	376	264	177	117
	14,344	14,037	13,513	13,188	12,641	12,239	11,871	11,729	11,647
Total retail portfolios	332,785	331,498	329,109	326,816	320,528	312,075	306,530	300,740	299,495
Total credit exposure	649,661	643,597	625,647	611,346	603,052	600,806	580,234	580,761	569,438

¹ Excludes securitization exposures.

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

CREDIT RISK ASSOCIATED WITH DERIVATIVES

(\$ millions)

	Q3/18			Credit equivalent amount ¹	Q3/18	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	
	Current replacement cost				Risk-weighted amount									
	Trading	ALM	Total											
Interest rate derivatives														
Over-the-counter														
Forward rate agreements	80	-	80	42	1	2	1	3	1	2	6	2	22	
Swap contracts	5,718	897	6,615	5,084	544	542	563	653	693	759	741	915	1,100	
Purchased options	86	12	98	22	12	11	16	22	17	20	14	13	21	
	5,884	909	6,793	5,148	557	555	580	678	711	781	761	930	1,143	
Exchange-traded														
	1	-	1	94	3	3	1	2	2	2	1	2	1	
Total interest rate derivatives	5,885	909	6,794	5,242	560	558	581	680	713	783	762	932	1,144	
Foreign exchange derivatives														
Over-the-counter														
Forward contracts	2,330	9	2,339	3,199	892	976	1,061	938	970	869	839	900	732	
Swap contracts	4,621	1,900	6,521	4,754	928	861	834	847	784	775	653	673	653	
Purchased options	230	-	230	249	68	68	84	81	107	126	104	123	144	
	7,181	1,909	9,090	8,202	1,888	1,905	1,979	1,866	1,861	1,770	1,596	1,696	1,529	
Credit derivatives														
Over-the-counter														
Credit default swap contracts - protection purchased	114	-	114	42	10	7	8	10	7	4	4	7	8	
Credit default swap contracts - protection sold	-	-	-	3	-	-	-	-	-	-	-	-	-	
	114	-	114	45	10	7	8	10	7	4	4	7	8	
Equity derivatives														
Over-the-counter														
	1,238	134	1,372	1,729	421	504	498	520	479	540	445	379	300	
Exchange-traded														
	1,884	-	1,884	4,711	119	110	101	84	75	70	44	49	45	
	3,122	134	3,256	6,440	540	614	599	604	554	610	489	428	345	
Precious metal derivatives														
Over-the-counter														
	28	-	28	44	19	21	22	19	15	20	28	17	15	
Exchange-traded														
	148	-	148	15	1	1	1	1	1	1	1	-	-	
	176	-	176	59	20	22	23	20	16	21	29	17	15	
Other commodity derivatives														
Over-the-counter														
	2,492	-	2,492	3,870	1,306	1,388	1,155	902	730	1,054	991	1,025	888	
Exchange-traded														
	81	-	81	1,487	58	50	50	40	33	38	37	39	43	
	2,573	-	2,573	5,357	1,364	1,438	1,205	942	763	1,092	1,028	1,064	931	
Non-trade exposure related to central counterparties														
CET1 CVA capital charge					208	210	167	176	145	153	155	286	225	
					3,956	4,346	3,798	3,498	3,264	3,655	3,247	2,977	3,021	
Total derivatives before netting	19,051	2,952	22,003	25,345	8,546	9,100	8,360	7,796	7,323	8,088	7,310	7,407	7,218	
Less: effect of netting ²			(11,491)											
Total derivatives			10,512	25,345	8,546	9,100	8,360	7,796	7,323	8,088	7,310	7,407	7,218	

¹ Sum of current replacement cost and potential future exposure, adjusted for the master netting agreements and the impact of collateral amounting to \$4,797 million (Q2/18: \$5,025 million). The collateral comprises cash of \$4,189 million (Q2/18: \$4,064 million) and government securities of \$609 million (Q2/18: \$961 million).

² Comprises amounts subject to set off under enforceable netting agreements, such as International Swaps and Derivatives Association agreements, derivative exchange or clearing counterparty agreements, global master repurchase agreements, and global master securities lending agreements. Under such arrangements, all outstanding transactions governed by the relevant agreement can be offset if an event of default or other predetermined event occurs.

CREDIT QUALITY OF AIRB EXPOSURE - BUSINESS AND GOVERNMENT PORTFOLIOS (RISK RATING METHOD) ^{1, 2}

(\$ millions)

CIBC rating	PD bands	Standard & Poor's equivalent	Moody's Investors Service equivalent	Q3/18						Q2/18							
				EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA	EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA
				Corporate													
Investment grade																	
10	0.03%-0.03%	AAA	Aaa	2,093	209	62	0.02	11	3	64	2,008	142	67	0.02	13	4	73
21	0.03%-0.03%	AA+	Aa1	1,157	40	65	0.04	26	8	92	1,047	39	65	0.04	19	3	32
24	0.04%-0.05%	AA	Aa2	5,146	1,156	63	0.04	9	2	127	6,047	824	65	0.04	8	2	134
27	0.05%-0.06%	AA-	Aa3	6,781	1,533	64	0.05	15	5	336	7,526	1,317	64	0.05	13	4	321
31	0.07%-0.09%	A+	A1	3,989	1,213	64	0.08	30	17	669	4,171	1,258	64	0.08	33	18	730
34	0.09%-0.12%	A	A2	8,601	4,267	65	0.10	35	23	1,953	7,931	3,996	65	0.10	34	22	1,726
37	0.13%-0.16%	A-	A3	10,578	6,098	66	0.12	36	28	2,951	11,391	5,754	65	0.12	37	28	3,187
41	0.15%-0.22%	BBB+	Baa1	20,673	11,348	66	0.16	43	36	7,527	20,661	10,865	66	0.16	42	35	7,281
44	0.19%-0.30%	BBB	Baa2	17,299	9,065	67	0.23	40	41	7,175	16,478	8,643	66	0.23	41	41	6,780
47	0.31%-0.38%	BBB-	Baa3	19,529	10,124	67	0.32	38	47	9,163	19,771	10,858	67	0.32	37	47	9,255
				95,846	45,053	66	0.17	35	31	30,057	97,031	43,696	66	0.17	34	30	29,519
Non-investment grade																	
51	0.39%-0.61%	BB+	Ba1	17,378	7,336	48	0.52	34	50	8,738	16,057	6,939	49	0.52	34	52	8,281
54	0.62%-1.09%	BB	Ba2	16,595	7,243	50	0.71	32	52	8,663	15,121	6,430	50	0.70	32	52	7,912
57	1.10%-1.92%	BB-	Ba3	11,660	5,277	51	1.28	31	61	7,140	11,531	4,883	51	1.27	32	63	7,271
61	1.93%-3.69%	B+	B1	9,397	3,362	50	2.15	28	66	6,198	9,576	3,852	50	2.17	29	68	6,489
64	3.70%-7.27%	B	B2	4,406	1,275	55	4.11	33	88	3,897	4,424	1,399	56	4.04	34	91	4,012
67	7.28%-12.11%	B-	B3	813	151	56	7.99	34	115	935	899	144	53	8.26	31	108	973
				60,249	24,644	50	1.34	32	59	35,571	57,608	23,647	50	1.38	32	61	34,938
Watch list																	
70	12.12%-20.67%	CCC+	Caa1	302	66	52	18.72	31	149	451	376	94	52	18.35	38	184	692
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	104	28	50	17.06	65	323	334	135	19	53	17.06	61	305	413
80	20.68%-99.99%	CC to C	Ca	328	76	51	39.96	29	143	470	377	73	42	39.67	27	140	527
				734	170	51	27.99	35	171	1,255	888	186	48	27.20	37	184	1,632
Default																	
90	100.00%	D	C	243	14	43	100.00	40	109	264	404	52	38	100.00	33	183	739
				243	14	43	100.00	40	109	264	404	52	38	100.00	33	183	739
				157,072	69,881	60	0.90	33	43	67,147	155,931	67,581	60	1.03	33	43	66,828
Sovereign																	
Investment grade																	
00	0.01%-0.015%	AAA	Aaa	30,958	191	65	0.01	6	1	219	29,125	205	65	0.01	5	1	211
10	0.016%-0.025%	AAA	Aaa	22,764	3,263	63	0.02	8	2	476	21,107	3,190	63	0.02	9	2	452
21	0.016%-0.025%	AA+	Aa1	2,501	1,405	64	0.02	13	2	51	2,513	1,382	64	0.02	13	2	51
24	0.016%-0.025%	AA	Aa2	2,624	496	65	0.02	25	8	217	2,604	750	65	0.02	29	7	187
27	0.026%-0.035%	AA-	Aa3	2,364	1,899	66	0.03	19	3	77	2,248	1,840	66	0.03	19	3	69
31	0.036%-0.05%	A+	A1	793	833	65	0.04	20	7	56	826	851	65	0.04	25	8	67
34	0.06%-0.065%	A	A2	1,115	1,128	66	0.05	17	6	68	1,284	781	66	0.05	27	15	189
37	0.066%-0.08%	A-	A3	381	288	66	0.08	19	9	35	496	430	66	0.08	16	8	40
41	0.09%-0.16%	BBB+	Baa1	490	183	67	0.14	27	16	80	550	301	66	0.14	18	12	65
44	0.16%-0.26%	BBB	Baa2	123	80	68	0.23	39	31	38	150	94	67	0.23	39	37	56
47	0.27%-0.42%	BBB-	Baa3	179	57	74	0.33	37	35	64	111	48	68	0.33	48	47	53
				64,292	9,823	65	0.02	9	2	1,381	61,014	9,872	65	0.02	9	2	1,440
Non-investment grade																	
51	0.43%-0.61%	BB+	Ba1	555	123	29	0.54	8	10	54	518	213	45	0.54	8	10	53
54	0.62%-1.09%	BB	Ba2	24	7	58	0.74	35	57	14	31	12	55	0.74	35	60	19
57	1.10%-1.92%	BB-	Ba3	31	2	67	1.41	20	38	12	33	2	65	1.41	27	53	17
61	1.93%-3.99%	B+	B1	6	1	67	2.49	20	47	3	6	1	67	2.49	20	47	3
64	4.00%-7.27%	B	B2	21	4	68	6.08	17	54	12	30	4	68	6.08	21	65	19
67	7.28%-12.11%	B-	B3	2	-	-	9.76	20	75	2	-	-	-	-	-	-	-
				639	137	32	0.83	10	15	97	618	232	46	0.88	11	18	111
Watch list																	
70	12.12%-20.67%	CCC+	Caa1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	20.68%-99.99%	CC to C	Ca	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Default																	
90	100.00%	D	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-
				64,931	9,960	64	0.03	9	2	1,478	61,632	10,104	64	0.03	9	3	1,551

For footnotes, see page 16.



CREDIT QUALITY OF AIRB EXPOSURE - BUSINESS AND GOVERNMENT PORTFOLIOS (RISK RATING METHOD) ^{1, 2}

(\$ millions)

CIBC rating	PD bands	Standard & Poor's equivalent	Moody's Investors Service equivalent	Q1/18							Q4/17						
				EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA	EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA
				Corporate				Investment grade							Investment grade		
10	0.03%-0.03%	AAA	Aaa	1,956	6	81	0.02	18	4	74	1,742	16	75	0.02	15	3	49
21	0.03%-0.03%	AA+	Aa1	1,009	246	63	0.04	18	3	30	898	266	63	0.04	24	3	24
24	0.04%-0.05%	AA	Aa2	4,895	857	65	0.04	10	2	118	4,411	763	65	0.04	11	3	124
27	0.05%-0.06%	AA-	Aa3	5,564	543	65	0.05	12	3	194	5,758	573	65	0.05	13	4	208
31	0.07%-0.09%	A+	A1	4,872	1,515	64	0.08	35	18	895	4,894	1,541	64	0.08	35	19	936
34	0.09%-0.12%	A	A2	6,760	3,412	65	0.10	33	22	1,480	7,191	3,251	65	0.10	33	23	1,637
37	0.13%-0.16%	A-	A3	11,747	6,573	65	0.13	36	29	3,407	10,854	6,661	65	0.13	39	31	3,413
41	0.17%-0.22%	BBB+	Baa1	20,080	10,964	66	0.17	42	37	7,333	20,655	10,703	66	0.17	42	38	7,833
44	0.23%-0.30%	BBB	Baa2	16,008	8,861	66	0.24	40	41	6,520	14,935	7,852	66	0.24	41	43	6,471
47	0.31%-0.42%	BBB-	Baa3	19,147	10,356	67	0.33	36	46	8,747	18,199	9,464	67	0.33	37	48	8,658
				92,038	43,333	66	0.18	34	31	28,798	89,537	41,090	66	0.18	35	33	29,353
Non-investment grade				Non-investment grade							Non-investment grade						
51	0.43%-0.61%	BB+	Ba1	15,647	6,964	49	0.51	35	51	8,030	15,382	6,910	50	0.51	35	54	8,250
54	0.62%-1.09%	BB	Ba2	14,313	6,412	50	0.70	33	52	7,424	14,832	6,792	50	0.70	32	54	7,976
57	1.10%-1.92%	BB-	Ba3	11,343	4,405	51	1.28	33	65	7,361	10,805	4,126	51	1.28	33	67	7,246
61	1.93%-3.99%	B+	B1	8,967	3,534	51	2.13	30	68	6,138	8,296	3,573	51	2.12	30	69	5,729
64	4.00%-7.27%	B	B2	4,778	1,575	56	4.19	34	92	4,251	4,262	1,422	56	4.02	32	86	3,649
67	7.28%-12.11%	B-	B3	851	184	52	8.29	29	100	848	921	200	51	8.46	31	106	979
				55,899	23,074	51	1.41	33	61	34,052	54,498	23,023	51	1.37	33	62	33,829
Watch list				Watch list							Watch list						
70	12.12%-20.67%	CCC+	Caa1	481	87	53	18.27	41	203	974	666	249	48	18.11	41	197	1,313
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	78	26	52	16.72	71	331	258	62	4	56	16.72	75	344	212
80	20.68%-99.99%	CC to C	Ca	460	107	43	35.00	26	134	617	443	132	44	34.76	26	137	604
				1,019	220	48	25.70	37	182	1,849	1,171	385	47	24.33	37	182	2,129
Default				Default							Default						
90	100.00%	D	C	325	15	36	100.00	41	152	493	344	18	40	100.00	38	210	723
				325	15	36	100.00	41	152	493	344	18	40	100.00	38	210	723
				149,281	66,642	61	1.03	34	44	65,192	145,550	64,516	61	1.06	34	45	66,034
Sovereign				Sovereign							Sovereign						
Investment grade				Investment grade							Investment grade						
00	0.01%-0.015%	AAA	Aaa	29,142	189	64	0.01	5	1	230	26,433	189	64	0.01	5	1	202
10	0.016%-0.025%	AAA	Aaa	18,250	3,097	63	0.02	13	3	526	15,904	2,927	63	0.02	13	3	456
21	0.016%-0.025%	AA+	Aa1	1,887	1,265	63	0.02	14	2	36	1,388	783	63	0.02	18	2	34
24	0.016%-0.025%	AA	Aa2	2,837	756	65	0.02	38	9	260	2,339	533	65	0.02	41	7	171
27	0.026%-0.035%	AA-	Aa3	1,716	1,596	66	0.03	14	3	52	1,571	1,503	66	0.03	15	4	63
31	0.036%-0.05%	A+	A1	882	785	66	0.04	25	7	64	950	915	66	0.04	20	6	59
34	0.06%-0.065%	A	A2	1,120	877	66	0.05	23	11	126	938	909	66	0.05	18	7	68
37	0.066%-0.08%	A-	A3	562	418	66	0.08	20	9	49	432	431	66	0.08	16	11	47
41	0.09%-0.16%	BBB+	Baa1	535	304	66	0.14	18	12	63	576	299	66	0.14	18	12	70
44	0.16%-0.26%	BBB	Baa2	150	63	68	0.24	44	41	61	148	65	68	0.24	43	42	62
47	0.27%-0.42%	BBB-	Baa3	118	41	68	0.34	50	52	61	119	42	68	0.34	48	53	63
				57,199	9,391	65	0.02	11	3	1,528	50,798	8,596	65	0.02	11	3	1,295
Non-investment grade				Non-investment grade							Non-investment grade						
51	0.43%-0.61%	BB+	Ba1	496	216	35	0.53	9	10	51	514	194	33	0.53	9	11	55
54	0.62%-1.09%	BB	Ba2	19	11	55	0.73	32	48	9	14	13	54	0.73	38	60	8
57	1.10%-1.92%	BB-	Ba3	23	3	68	1.40	35	69	16	11	3	58	1.40	55	115	12
61	1.93%-3.99%	B+	B1	7	2	68	2.45	23	54	4	10	2	69	2.45	16	37	4
64	4.00%-7.27%	B	B2	30	3	69	6.00	26	82	24	18	1	66	6.00	27	86	16
67	7.28%-12.11%	B-	B3	-	-	-	-	-	-	-	1	-	-	9.57	90	437	5
				575	235	37	0.88	12	18	104	568	213	35	0.78	12	18	100
Watch list				Watch list							Watch list						
70	12.12%-20.67%	CCC+	Caa1	-	-	-	-	-	-	-	2	3	69	16.72	25	118	2
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	20.68%-99.99%	CC to C	Ca	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	2	3	69	16.72	25	118	2
Default				Default							Default						
90	100.00%	D	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				57,774	9,626	64	0.03	11	3	1,632	51,368	8,812	64	0.03	11	3	1,397

For footnotes, see page 16.



CREDIT QUALITY OF AIRB EXPOSURE - BUSINESS AND GOVERNMENT PORTFOLIOS (RISK RATING METHOD) (continued) ^{1, 2}

(\$ millions)

CIBC rating	Banks	PD bands	Standard & Poor's equivalent	Moody's Investors Service equivalent	Q1/18						Q4/17							
					EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA	EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA
Investment grade ³					2,725	-	-	0.02	24	8	206	2,724	-	-	0.02	22	5	122
10		0.03%-0.03%	AAA	Aaa	55	87	-	0.03	20	6	3	44	86	-	0.03	28	8	4
24		0.04%-0.05%	AA	Aa2	31,969	-	-	0.04	6	1	301	36,085	-	-	0.04	7	1	401
27		0.05%-0.06%	AA-	Aa3	7,036	-	-	0.05	15	7	459	2,709	-	-	0.05	26	11	275
31		0.07%-0.09%	A+	A1	18,887	50	65	0.08	22	7	1,408	16,683	50	65	0.08	22	8	1,358
34		0.09%-0.12%	A	A2	12,883	102	64	0.10	7	4	464	14,419	62	69	0.10	6	3	461
37		0.13%-0.16%	A-	A3	6,659	285	65	0.13	15	8	524	7,079	330	63	0.13	16	9	603
41		0.17%-0.22%	BBB+	Baa1	5,144	376	64	0.17	14	10	537	4,542	341	65	0.17	16	12	544
44		0.23%-0.30%	BBB	Baa2	502	220	64	0.24	7	7	38	516	145	68	0.24	10	10	50
47		0.31%-0.42%	BBB-	Baa3	1,048	402	63	0.34	14	15	161	586	300	63	0.34	16	17	98
Non-investment grade ³					86,908	1,522	60	0.08	12	5	4,101	85,387	1,314	60	0.08	12	5	3,916
51					525	106	49	0.53	21	9	48	35	53	42	0.53	44	53	6
54					243	1	67	0.73	18	27	66	396	46	50	0.73	12	18	70
57					144	-	-	1.40	42	95	136	75	-	-	1.40	33	76	57
61					256	-	-	2.45	9	23	60	210	1	69	2.45	10	25	52
64					512	48	50	6.00	13	47	243	443	-	-	6.00	12	44	196
67					1	-	-	9.57	40	144	2	1	-	-	9.57	40	144	1
					1,681	155	49	2.77	12	32	555	1,160	100	46	3.10	11	31	382
Watch list																		
70					1	-	-	16.72	40	181	3	-	-	-	-	-	-	-
75					-	-	-	-	-	-	-	-	-	-	-	-	-	-
80					-	-	-	-	-	-	-	-	-	-	-	-	-	-
					1	-	-	13.51	32	147	3	-	-	-	-	-	-	-
Default																		
90					-	-	-	-	-	-	-	-	-	-	-	-	-	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-
					88,590	1,677	59	0.12	12	5	4,659	86,547	1,414	59	0.12	12	5	4,298
Total					295,645	77,945	61	0.56	23	24	71,483	283,465	74,742	61	0.58	23	25	71,729
Commercial mortgages (Slotting approach)																		
Strong					743	9	78	-	70	520	-	899	43	56	-	70	629	-
Good					122	-	-	-	90	110	-	131	-	-	-	90	118	-
Satisfactory					23	-	-	-	117	27	-	30	15	60	-	117	35	-
Weak					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Default					5	-	-	-	-	-	-	5	-	-	-	-	-	-
					893	9	78	-	74	657	-	1,065	58	57	-	73	782	-
Total business and government					296,538	77,954	61	-	24	72,140	-	284,530	74,800	61	-	26	72,511	-

¹ Gross credit exposure after CVA for financial guarantors and credit risk mitigation, and before allowance for credit losses.

² 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 Note 1 to the interim consolidated financial statements in our third quarter report to shareholders for additional details.

³ Certain comparative information has been reclassified.

CREDIT QUALITY OF AIRB EXPOSURE - RETAIL PORTFOLIOS ^{1, 2}

(\$ millions)

	PD bands	Q3/18							Expected losses	Expected losses adjusted average risk weight % ³
		EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA		
Canadian residential mortgages and HELOCs										
Insured Drawn and Undrawn ⁴										
Exceptionally low	0.01% - 0.10%	79,004	-	-	0.01	5	1	767	1	1
	0.11% - 0.20%	825	-	-	0.12	24	18	147	-	18
Very low	0.21% - 0.35%	-	-	-	-	-	-	-	-	-
	0.36% - 0.50%	-	-	-	-	-	-	-	-	-
Low	0.51% - 1.00%	-	-	-	-	-	-	-	-	-
		79,829	-	-	0.01	5	1	914	1	1
Uninsured Undrawn ⁵										
Exceptionally low	0.01% - 0.10%	14,713	46,873	31	0.04	32	4	522	2	4
	0.11% - 0.20%	-	-	-	-	-	-	-	-	-
Very low	0.21% - 0.35%	4,329	4,441	97	0.27	20	10	434	2	11
	0.36% - 0.50%	433	1,251	35	0.39	35	23	99	1	25
Low	0.51% - 1.00%	317	1,008	31	0.51	34	27	86	1	29
	1.01% - 2.00%	142	431	33	1.41	35	55	78	1	61
Medium	2.01% - 5.00%	8	19	41	2.22	37	76	6	-	86
	5.01% - 10.00%	9	25	38	5.34	37	128	12	-	153
High	10.01% - 99.99%	12	31	38	20.20	36	202	24	1	293
Default	100.00%	-	-	-	-	-	-	-	-	-
		19,963	54,079	37	0.13	29	6	1,261	8	11
Uninsured Drawn ⁵										
Exceptionally low	0.01% - 0.10%	81,257	n/a	n/a	0.06	22	3	2,810	11	4
	0.11% - 0.20%	19,283	n/a	n/a	0.16	22	7	1,440	7	8
Very low	0.21% - 0.35%	9,443	n/a	n/a	0.27	22	11	1,029	6	12
	0.36% - 0.50%	12,005	n/a	n/a	0.37	24	15	1,832	11	16
Low	0.51% - 1.00%	11,864	n/a	n/a	0.61	19	17	2,016	14	18
	1.01% - 2.00%	7,675	n/a	n/a	1.29	23	35	2,663	23	38
Medium	2.01% - 5.00%	1,087	n/a	n/a	3.67	24	67	726	9	78
	5.01% - 10.00%	1,844	n/a	n/a	7.32	20	79	1,451	27	97
High	10.01% - 99.99%	526	n/a	n/a	36.26	24	133	699	43	235
Default	100.00%	293	n/a	n/a	100.00	26	106	309	57	349
		145,277	n/a	n/a	0.68	22	10	14,975	208	12
Qualifying revolving credit										
Exceptionally low	0.01% - 0.10%	31,477	37,321	77	0.04	96	3	883	13	3
	0.11% - 0.20%	8,803	9,688	70	0.14	91	7	635	11	9
Very low	0.21% - 0.35%	6,367	5,320	88	0.26	88	12	751	15	15
	0.36% - 0.50%	2,713	2,709	67	0.43	88	17	474	10	22
Low	0.51% - 1.00%	7,245	5,777	63	0.72	89	26	1,916	47	34
	1.01% - 2.00%	7,298	4,001	69	1.42	92	45	3,313	95	62
Medium	2.01% - 5.00%	6,517	2,927	68	3.05	90	78	5,060	179	112
	5.01% - 10.00%	1,676	314	80	7.09	87	131	2,189	103	208
High	10.01% - 99.99%	1,233	364	69	30.21	89	213	2,627	332	549
Default	100.00%	43	-	-	100.00	85	153	66	35	1,165
		73,372	68,421	75	1.29	92	24	17,914	840	39
Other retail										
Exceptionally low	0.01% - 0.10%	1,172	1,292	77	0.06	67	10	120	-	11
	0.11% - 0.20%	3,231	445	64	0.13	30	9	297	1	10
Very low	0.21% - 0.35%	1,121	585	58	0.29	74	38	432	2	41
	0.36% - 0.50%	1	4	14	0.43	95	63	-	-	68
Low	0.51% - 1.00%	3,528	783	56	0.80	71	65	2,296	20	72
	1.01% - 2.00%	1,509	235	63	1.38	75	86	1,290	16	98
Medium	2.01% - 5.00%	2,553	129	64	3.20	61	85	2,180	53	111
	5.01% - 10.00%	439	34	80	8.14	83	132	582	30	217
High	10.01% - 99.99%	727	292	63	51.96	30	67	488	87	218
Default	100.00%	63	-	-	100.00	75	17	11	58	1,162
		14,344	3,799	66	4.29	59	54	7,696	267	77
		332,785	126,299	58	0.77	35	13	42,760	1,324	18

For footnotes, see page 20.



CREDIT QUALITY OF AIRB EXPOSURE - RETAIL PORTFOLIOS ^{1, 2}

(\$ millions)

	PD bands	Q2/18							Expected losses	Expected losses adjusted average risk weight % ³
		EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA		
Canadian residential mortgages and HELOCs										
Insured Drawn and Undrawn ⁴										
Exceptionally low	0.01% - 0.10%	82,236	-	-	0.01	5	1	763	1	1
	0.11% - 0.20%	392	-	-	0.18	23	22	85	-	22
Very low	0.21% - 0.35%	674	-	-	0.24	19	21	140	-	21
	0.36% - 0.50%	1	-	-	0.49	13	20	-	-	21
Low	0.51% - 1.00%	85	-	-	0.54	22	35	29	-	36
		83,388	-	-	0.01	5	1	1,017	1	1
Uninsured Undrawn ⁵										
Exceptionally low	0.01% - 0.10%	14,582	46,445	31	0.04	32	4	522	2	4
	0.11% - 0.20%	4,428	4,428	100	0.14	23	7	314	1	7
Very low	0.21% - 0.35%	66	180	37	0.28	35	18	12	-	19
	0.36% - 0.50%	429	1,246	34	0.39	36	23	100	1	25
Low	0.51% - 1.00%	300	956	31	0.51	34	27	82	1	30
	1.01% - 2.00%	140	424	33	1.41	36	56	79	1	63
Medium	2.01% - 5.00%	8	20	42	2.22	38	78	6	-	88
	5.01% - 10.00%	11	29	38	5.34	36	122	14	-	146
High	10.01% - 99.99%	13	35	37	19.75	37	204	26	1	294
Default	100.00%	-	-	-	-	-	-	-	-	-
		19,977	53,763	37	0.10	30	6	1,155	7	6
Uninsured Drawn ⁵										
Exceptionally low	0.01% - 0.10%	77,166	n/a	n/a	0.06	20	3	2,435	9	3
	0.11% - 0.20%	15,445	n/a	n/a	0.18	23	9	1,317	6	9
Very low	0.21% - 0.35%	20,972	n/a	n/a	0.31	18	10	2,056	12	10
	0.36% - 0.50%	2,467	n/a	n/a	0.40	35	23	566	3	25
Low	0.51% - 1.00%	7,845	n/a	n/a	0.77	25	26	2,055	15	29
	1.01% - 2.00%	13,366	n/a	n/a	1.27	17	26	3,415	30	28
Medium	2.01% - 5.00%	3,501	n/a	n/a	3.54	21	56	1,954	25	65
	5.01% - 10.00%	175	n/a	n/a	5.93	32	113	197	3	136
High	10.01% - 99.99%	484	n/a	n/a	31.61	24	127	617	33	213
Default	100.00%	307	n/a	n/a	100.00	25	43	133	79	363
		141,728	n/a	n/a	0.69	20	10	14,745	215	12
Qualifying revolving credit										
Exceptionally low	0.01% - 0.10%	31,005	36,967	77	0.04	96	3	868	13	3
	0.11% - 0.20%	8,614	9,529	70	0.14	91	7	620	11	9
Very low	0.21% - 0.35%	6,298	5,262	88	0.26	88	12	743	15	15
	0.36% - 0.50%	2,664	2,668	66	0.43	88	17	466	10	22
Low	0.51% - 1.00%	7,160	5,672	62	0.72	89	26	1,894	46	35
	1.01% - 2.00%	7,133	3,912	69	1.42	92	45	3,238	93	62
Medium	2.01% - 5.00%	6,549	2,894	68	3.05	90	78	5,088	180	112
	5.01% - 10.00%	1,639	369	68	7.14	87	131	2,151	102	209
High	10.01% - 99.99%	1,258	362	69	30.24	90	214	2,686	341	552
Default	100.00%	48	-	-	100.00	85	150	72	39	1,172
		72,368	67,635	74	1.32	92	25	17,826	850	39
Other retail										
Exceptionally low	0.01% - 0.10%	3,143	1,275	77	0.08	29	5	148	1	5
	0.11% - 0.20%	1,153	446	65	0.13	72	22	251	1	23
Very low	0.21% - 0.35%	1,109	586	58	0.29	74	39	428	2	41
	0.36% - 0.50%	-	3	5	0.43	95	63	-	-	68
Low	0.51% - 1.00%	3,496	770	54	0.80	71	65	2,277	20	72
	1.01% - 2.00%	1,473	225	62	1.39	75	86	1,268	15	99
Medium	2.01% - 5.00%	2,445	116	67	3.16	62	87	2,120	51	113
	5.01% - 10.00%	431	38	67	8.25	84	134	577	30	220
High	10.01% - 99.99%	721	287	63	52.31	30	66	474	85	215
Default	100.00%	66	-	-	100.00	75	14	10	60	1,154
		14,037	3,746	65	4.35	59	54	7,553	265	77
		331,498	125,144	58	0.77	34	13	42,296	1,338	18

For footnotes, see page 20.



CREDIT QUALITY OF AIRB EXPOSURE - RETAIL PORTFOLIOS ^{1, 2}

(\$ millions)

			Q1/18							
	PD bands	EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA	Expected losses	Expected losses adjusted average risk weight % ³
Canadian residential mortgages and HELOCs										
Insured Drawn and Undrawn ⁴										
Exceptionally low	0.01% - 0.10%	85,018	-	-	0.01	5	1	790	1	1
	0.11% - 0.20%	389	-	-	0.18	23	21	83	-	22
Very low	0.21% - 0.35%	694	-	-	0.25	19	21	147	-	22
	0.36% - 0.50%	1	-	-	0.49	13	20	-	-	21
Low	0.51% - 1.00%	88	-	-	0.53	22	34	30	-	36
		86,190	-	-	0.01	5	1	1,050	1	-
Uninsured Undrawn ⁵										
Exceptionally low	0.01% - 0.10%	13,395	45,078	30	0.04	32	3	464	2	4
	0.11% - 0.20%	4,481	4,994	90	0.14	24	7	329	2	8
Very low	0.21% - 0.35%	551	1,622	34	0.30	36	19	107	1	21
	0.36% - 0.50%	-	-	-	-	-	-	-	-	-
Low	0.51% - 1.00%	279	931	30	0.53	31	25	71	-	27
	1.01% - 2.00%	155	486	32	1.16	36	50	78	1	55
Medium	2.01% - 5.00%	29	72	41	4.36	40	121	36	1	143
	5.01% - 10.00%	-	-	-	-	-	-	23	-	-
High	10.01% - 99.99%	11	28	38	26.77	37	215	-	1	338
Default	100.00%	-	-	-	-	-	-	-	-	-
		18,901	53,211	36	0.11	30	6	1,108	8	6
Uninsured Drawn ⁵										
Exceptionally low	0.01% - 0.10%	73,458	n/a	n/a	0.06	20	3	2,309	9	3
	0.11% - 0.20%	15,589	n/a	n/a	0.18	23	9	1,348	7	9
Very low	0.21% - 0.35%	23,245	n/a	n/a	0.31	19	11	2,494	14	11
	0.36% - 0.50%	303	n/a	n/a	0.45	21	15	44	-	16
Low	0.51% - 1.00%	7,573	n/a	n/a	0.77	25	26	1,966	15	28
	1.01% - 2.00%	14,015	n/a	n/a	1.26	18	26	3,613	31	29
Medium	2.01% - 5.00%	3,497	n/a	n/a	3.65	22	60	2,099	28	70
	5.01% - 10.00%	26	n/a	n/a	7.16	19	76	20	-	93
High	10.01% - 99.99%	490	n/a	n/a	33.67	22	122	598	36	213
Default	100.00%	268	n/a	n/a	100.00	24	40	107	70	369
		138,464	n/a	n/a	0.68	20	11	14,598	210	12
Qualifying revolving credit										
Exceptionally low	0.01% - 0.10%	30,533	36,292	77	0.04	96	3	859	13	3
	0.11% - 0.20%	8,608	9,506	70	0.14	91	7	622	11	9
Very low	0.21% - 0.35%	6,286	5,250	88	0.26	88	12	741	15	15
	0.36% - 0.50%	2,711	2,722	67	0.43	88	17	474	10	22
Low	0.51% - 1.00%	7,204	5,738	63	0.72	89	26	1,903	46	34
	1.01% - 2.00%	7,227	4,009	69	1.42	92	45	3,278	94	62
Medium	2.01% - 5.00%	6,556	2,909	69	3.05	90	78	5,087	180	112
	5.01% - 10.00%	1,616	353	69	7.12	87	131	2,113	100	208
High	10.01% - 99.99%	1,253	351	70	31.12	89	214	2,684	348	562
Default	100.00%	47	-	-	100.00	84	179	83	36	1,154
		72,041	67,130	75	1.33	92	25	17,844	853	40
Other retail										
Exceptionally low	0.01% - 0.10%	3,347	1,284	77	0.08	33	6	196	1	6
	0.11% - 0.20%	429	447	66	0.14	81	25	107	-	26
Very low	0.21% - 0.35%	1,267	585	58	0.28	73	37	471	3	40
	0.36% - 0.50%	1	4	12	0.43	95	63	-	-	68
Low	0.51% - 1.00%	3,271	787	55	0.79	69	63	2,067	18	70
	1.01% - 2.00%	1,547	224	62	1.39	77	88	1,357	16	101
Medium	2.01% - 5.00%	2,382	116	66	3.09	64	89	2,130	50	116
	5.01% - 10.00%	467	36	67	7.77	82	129	603	30	209
High	10.01% - 99.99%	737	243	59	49.49	35	77	566	87	227
Default	100.00%	65	-	-	100.00	74	15	10	60	1,161
		13,513	3,726	65	4.39	60	56	7,507	265	80
		329,109	124,067	58	0.77	34	13	42,107	1,337	18

For footnotes, see page 20.



CREDIT QUALITY OF AIRB EXPOSURE - RETAIL PORTFOLIOS ^{1,2}

(\$ millions)

	PD bands	Q4/17							Expected losses	Expected losses adjusted average risk weight % ³
		EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA		
Canadian residential mortgages and HELOCs										
Insured Drawn and Undrawn ⁴										
Exceptionally low	0.01% - 0.10%	87,815	-	-	0.01	5	1	816	1	1
	0.11% - 0.20%	366	-	-	0.18	22	21	77	-	22
Very low	0.21% - 0.35%	702	-	-	0.25	19	21	146	-	21
	0.36% - 0.50%	1	-	-	0.47	15	23	-	-	24
Low	0.51% - 1.00%	79	-	-	0.53	21	34	27	-	35
		88,963	-	-	0.01	5	1	1,066	1	1
Uninsured Undrawn ⁵										
Exceptionally low	0.01% - 0.10%	13,196	44,389	30	0.04	31	3	448	2	4
	0.11% - 0.20%	4,708	5,226	90	0.14	24	7	345	2	8
Very low	0.21% - 0.35%	543	1,607	34	0.30	35	19	104	1	20
	0.36% - 0.50%	-	-	-	-	-	-	-	-	-
Low	0.51% - 1.00%	280	926	30	0.53	30	25	69	-	27
	1.01% - 2.00%	153	473	32	1.16	36	49	76	1	54
Medium	2.01% - 5.00%	32	75	43	4.35	39	119	38	1	140
	5.01% - 10.00%	-	-	-	-	-	-	-	-	-
High	10.01% - 99.99%	9	27	35	26.35	37	217	21	1	340
Default	100.00%	-	-	-	-	-	-	-	-	-
		18,921	52,723	36	0.11	29	6	1,101	8	6
Uninsured Drawn ⁵										
Exceptionally low	0.01% - 0.10%	72,647	n/a	n/a	0.06	20	3	2,257	9	3
	0.11% - 0.20%	13,851	n/a	n/a	0.17	23	8	1,157	6	9
Very low	0.21% - 0.35%	23,305	n/a	n/a	0.31	19	11	2,484	14	11
	0.36% - 0.50%	310	n/a	n/a	0.45	20	14	45	-	16
Low	0.51% - 1.00%	6,591	n/a	n/a	0.77	24	25	1,671	12	28
	1.01% - 2.00%	13,624	n/a	n/a	1.26	17	25	3,439	30	28
Medium	2.01% - 5.00%	3,315	n/a	n/a	3.68	21	59	1,967	26	69
	5.01% - 10.00%	29	n/a	n/a	7.28	20	77	22	-	94
High	10.01% - 99.99%	417	n/a	n/a	33.28	22	121	503	30	209
Default	100.00%	240	n/a	n/a	100.00	24	39	92	65	377
		134,329	n/a	n/a	0.64	20	10	13,637	192	12
Qualifying revolving credit										
Exceptionally low	0.01% - 0.10%	29,988	35,725	77	0.04	92	3	777	11	3
	0.11% - 0.20%	8,456	9,361	70	0.14	85	7	579	10	8
Very low	0.21% - 0.35%	6,319	5,284	88	0.26	84	11	706	14	14
	0.36% - 0.50%	4,118	4,007	64	0.41	88	17	698	15	22
Low	0.51% - 1.00%	5,753	4,425	64	0.76	83	26	1,498	37	34
	1.01% - 2.00%	7,146	3,953	69	1.42	89	44	3,162	90	60
Medium	2.01% - 5.00%	6,634	2,939	70	3.05	87	75	4,996	177	109
	5.01% - 10.00%	1,637	361	72	7.15	83	126	2,059	98	200
High	10.01% - 99.99%	1,319	374	85	30.48	88	211	2,785	355	547
Default	100.00%	45	-	-	100.00	85	209	95	35	1,170
		71,415	66,429	74	1.36	89	24	17,355	842	39
Other retail										
Exceptionally low	0.01% - 0.10%	3,259	1,301	76	0.08	33	6	192	1	6
	0.11% - 0.20%	430	450	65	0.14	78	24	104	-	26
Very low	0.21% - 0.35%	1,202	564	57	0.28	73	37	446	2	40
	0.36% - 0.50%	6	9	41	0.39	95	59	3	-	63
Low	0.51% - 1.00%	3,170	741	54	0.79	69	63	1,999	17	70
	1.01% - 2.00%	1,555	221	62	1.39	77	87	1,353	16	100
Medium	2.01% - 5.00%	2,319	107	67	3.12	65	91	2,119	50	118
	5.01% - 10.00%	470	37	64	7.76	81	127	598	30	206
High	10.01% - 99.99%	721	266	60	48.08	35	76	551	84	223
Default	100.00%	56	-	-	100.00	78	380	214	33	1,101
		13,188	3,696	65	4.29	60	57	7,579	233	80
		326,816	122,848	58	0.74	33	12	40,738	1,276	17

¹ Comprises Canadian residential mortgages and HELOCs; qualifying revolving retail exposures (credit cards and unsecured lines of credit); and other retail exposures (loans secured by non-residential assets, unsecured loans including student loans, and scored small business loans). These retail portfolios are under AIRB approach and exclude international portfolios which are under the standardized approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² 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 Note 1 to the interim consolidated financial statements in our third quarter report to shareholders for additional details.

³ Calculated as (RWA + 12.5 x expected losses) / EAD based on unrounded figures.

⁴ Comprises insured residential mortgages for which we utilize the substitution approach, whereby PD and LGD values appropriate for the insurance provider are used in the RWA calculations. We do not have any drawn or undrawn insured HELOCs.

⁵ Comprises both residential mortgages and HELOCs.

n/a Not applicable.



AIRB CREDIT RISK EXPOSURE - LOSS EXPERIENCE

	Q3/18		Q2/18		Q1/18		Q4/17	
	Expected loss rate % ¹	Actual loss rate % ¹	Expected loss rate % ¹	Actual loss rate % ¹	Expected loss rate % ¹	Actual loss rate % ¹	Expected loss rate % ¹	Actual loss rate % ¹
Business and government portfolios								
Corporate	0.50	0.05	0.58	0.05	0.62	0.05	0.62	0.05
Sovereign	0.01	-	0.01	-	0.01	-	0.01	-
Banks	0.10	-	0.13	-	0.15	-	0.12	-
Retail portfolios								
Real estate secured personal lending	0.09	0.01	0.09	0.01	0.09	0.01	0.08	0.01
Qualifying revolving retail	3.70	2.78	3.77	2.80	4.05	2.81	4.03	2.88
Other retail	2.35	0.82	2.40	0.88	2.48	0.94	2.44	0.96

	Q3/17		Q2/17		Q1/17		Q4/16	
	Expected loss rate % ¹	Actual loss rate % ¹	Expected loss rate % ¹	Actual loss rate % ¹	Expected loss rate % ¹	Actual loss rate % ¹	Expected loss rate % ¹	Actual loss rate % ¹
Business and government portfolios								
Corporate	0.62	0.06	0.62	0.11	0.67	0.24	0.57	0.29
Sovereign	0.01	-	0.02	-	0.01	-	0.01	-
Banks	0.17	-	0.15	-	0.12	-	0.13	-
Retail portfolios								
Real estate secured personal lending	0.08	0.01	0.08	0.01	0.08	0.01	0.07	0.01
Qualifying revolving retail	4.02	2.96	4.01	3.05	3.97	3.05	3.68	2.97
Other retail	2.44	0.99	2.46	1.02	2.41	1.06	2.38	1.07

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.

BUSINESS AND GOVERNMENT AIRB EXPOSURES BY INDUSTRY GROUPS ¹

(\$ millions)

	Q3/18					Total	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16
	Drawn	Undrawn commitments	Repo-style transactions	Other off-balance sheet	OTC derivatives		Total							
Commercial mortgages	704	7	-	-	-	711	866	893	1,065	1,088	1,200	1,406	1,694	2,126
Financial institutions	39,461	5,581	10,786	75,159	12,799	143,786	142,918	136,990	129,106	131,342	135,655	131,665	134,727	126,294
Retail and wholesale	4,986	2,777	-	256	63	8,082	8,035	7,845	7,532	7,335	7,285	7,187	6,967	7,001
Business services	7,150	2,537	33	649	77	10,446	10,419	10,038	9,769	9,739	9,046	8,860	8,682	8,308
Manufacturing - capital goods	2,681	2,053	-	463	71	5,268	5,258	4,832	4,694	4,678	4,817	4,616	4,651	4,783
Manufacturing - consumer goods	3,578	1,448	-	227	23	5,276	5,067	4,926	4,909	4,886	4,875	4,566	4,546	4,705
Real estate and construction	30,525	7,233	116	1,020	75	38,969	37,973	36,377	36,067	36,811	36,964	34,817	34,549	33,616
Agriculture	5,789	1,459	-	22	45	7,315	7,221	7,064	6,936	6,826	6,886	6,692	6,582	6,749
Oil and gas	7,699	8,292	-	970	2,941	19,902	19,256	18,572	18,104	17,330	17,431	16,762	17,655	17,185
Mining	1,368	3,281	-	706	85	5,440	5,493	5,049	5,253	4,945	4,934	4,782	5,104	4,800
Forest products	438	512	-	147	11	1,108	1,085	1,074	1,083	1,040	1,096	1,091	1,072	1,196
Hardware and software	914	417	-	41	10	1,382	1,222	1,344	1,420	1,286	1,213	1,125	1,108	1,198
Telecommunications and cable	1,145	954	-	433	139	2,671	2,685	2,665	2,850	2,799	2,324	2,058	2,040	2,138
Broadcasting, publishing, and printing	564	112	-	-	5	681	605	551	504	525	636	872	889	899
Transportation	3,847	2,121	-	451	604	7,023	6,910	6,767	6,729	6,649	6,277	5,891	5,867	5,731
Utilities	4,789	5,304	-	2,053	624	12,770	11,984	11,717	12,062	11,721	12,991	11,670	11,197	11,435
Education, health, and social services	2,540	977	22	104	74	3,717	3,805	3,761	3,921	3,712	3,946	3,699	3,624	3,699
Governments	33,785	4,463	1,116	279	2,686	42,329	41,297	36,073	32,526	29,812	31,155	25,945	29,067	28,080
	151,963	49,528	12,073	82,980	20,332	316,876	312,099	296,538	284,530	282,524	288,731	273,704	280,021	269,943

¹ Gross credit exposure after CVA for financial guarantors, and before allowance for credit losses.

EAD UNDER THE STANDARDIZED APPROACH

(\$ millions)

	Risk-weight category							Total
	0%	20%	35%	50%	75%	100%	150%	
Q3/18								
Corporate	-	-	-	-	-	31,467	173	31,640
Sovereign	6,169	4,156	-	147	-	690	498	11,660
Banks	-	1,894	-	103	-	286	-	2,283
Real estate secured personal lending	-	17	-	-	3,418	111	8	3,554
Other retail	-	-	-	-	1,137	26	7	1,170
	6,169	6,067	-	250	4,555	32,580	686	50,307
Q2/18	6,552	6,009	-	253	4,430	30,902	59	48,205
Q1/18	6,444	5,737	-	238	4,158	28,678	136	45,391
Q4/17	6,820	6,178	-	241	4,314	28,990	432	46,975
Q3/17	6,020	6,048	-	243	4,085	27,503	443	44,342
Q2/17	3,890	1,854	-	491	3,259	4,511	353	14,358
Q1/17	3,828	1,757	-	366	3,068	4,207	349	13,575
Q4/16	3,673	1,910	-	509	3,133	4,480	417	14,122
Q3/16	3,767	1,929	-	383	3,022	4,299	431	13,831

EXPOSURE COVERED BY GUARANTEES AND CREDIT DERIVATIVES ¹

(\$ millions)

	Q3/18			Q2/18			Q1/18			Q4/17		
	Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives		
	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank
Corporate	10,540	1,520	3,518	9,678	1,305	4,334	9,142	1,055	3,133	9,136	871	2,723
Sovereign	15	8,474	-	16	7,747	-	97	8,402	-	17	7,934	-
Banks	20	2,955	34,783	28	3,050	34,461	28	2,525	32,609	-	2,633	32,960
Real estate secured personal lending	2,159	77,670	-	2,225	81,162	-	2,285	83,906	-	2,301	86,663	-
Other retail	-	7	-	-	8	-	-	9	-	-	10	-
	12,734	90,626	38,301	11,947	93,272	38,795	11,552	95,897	35,742	11,454	98,111	35,683

	Q3/17			Q2/17			Q1/17			Q4/16		
	Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives		
	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank
Corporate	8,628	950	3,154	9,000	2,385	3,949	8,985	988	4,142	8,433	1,078	5,328
Sovereign	17	8,389	-	18	9,026	-	111	9,243	-	113	10,091	-
Banks	-	2,051	32,550	-	1,633	33,312	-	1,675	31,469	-	1,810	32,633
Real estate secured personal lending	2,339	88,810	-	2,352	92,225	-	2,210	92,235	-	2,215	95,242	-
Other retail	-	11	-	-	12	-	-	13	-	-	14	-
	10,984	100,211	35,704	11,370	105,281	37,261	11,306	104,154	35,611	10,761	108,235	37,961

EXPOSURE SECURITIZED AS ORIGINATOR ²

(\$ millions)

	Q3/18	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16
	Total	Total	Total	Total	Total	Total	Total	Total	Total
Commercial mortgages									
Securitized	-	-	-	-	-	7	63	156	194
Sold	-	-	-	-	-	7	63	156	194

¹ This table provides information on credit mitigants against exposures analyzed under the AIRB approach.

² There were no impaired and other past due loans or net write-offs for periods shown.

BANK SPONSORED MULTI-SELLER CONDUITS EXPOSURE

(\$ millions)	Q3/18	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16
	Asset amount								
Canadian residential mortgages	1,517	1,402	1,324	946	665	502	589	546	593
Auto and fleet leases	1,533	1,652	875	1,064	1,106	1,178	1,248	1,070	1,147
Auto loans	1,375	827	956	1,075	1,200	809	911	1,054	577
Franchise loans	404	421	394	454	489	477	449	468	470
Credit cards	700	650	495	720	720	720	875	875	725
Equipment leases/loans	1,487	1,603	1,775	1,391	1,215	1,118	1,257	1,364	1,218
Legislated utility cost recovery	5	5	244	-	-	-	-	-	-
Dealer floorplan	250	350	350	-	155	55	55	55	55
	7,271	6,910	6,413	5,650	5,550	4,859	5,384	5,432	4,785
Impaired and other past due loans ¹	18	17	18	18	17	20	19	18	17

TOTAL SECURITIZATION EXPOSURES (IRB APPROACH)

(\$ millions)	Q3/18					Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16
	Investments and loans	Undrawn liquidity and credit facilities	Written credit derivatives	Total exposure	Of which resecuritization exposure ²	Total Exposure							
Non-Trading													
Third party securitized assets ³													
CIBC sponsored conduits and structured vehicles	293	9,828	-	10,121	-	10,187	9,696	9,343	8,659	7,571	7,896	7,921	7,348
Third party structured vehicles	2,042	1,863	28	3,933	32	4,249	4,188	4,831	4,691	4,975	5,105	10,942	11,400
Trading ⁴	193	-	-	193	-	228	163	157	156	109	146	125	155
Total EAD	2,528	11,691	28	14,247	32	14,664	14,047	14,331	13,506	12,655	13,147	18,988	18,903

¹ Impaired and other past due loans are in respect of the assets that are collateral to the short-term notes issued by the multi-seller conduits. CIBC retains no direct credit exposure to the assets in the conduits. The risk of loss from these assets is substantially reduced through the presence of credit enhancement which is in place for each program in the conduits. In some instances, the amount of impaired and other past due loans is for an entire asset pool which may be funded by multiple parties in addition to the CIBC-sponsored multi-seller conduits. The CIBC-sponsored multi-seller conduits would only be exposed to the pro-rata portion of the impaired and other past due loan amounts based on the proportional amount of ownership interests funded by them, not the entire amount for the asset pool reported above.

² Resecuritization exposure comprises \$4 million (Q2/18: \$5 million) of investments and loans, nil (Q2/18: nil) of undrawn credit facilities and \$28 million (Q2/18: \$32 million) of written credit derivatives.

³ Comprises collateralized loan obligations, asset-backed commercial paper, trust preferred securities, collateralized debt obligations, and others. There were no securitization exposures relating to bank's own securitized assets.

⁴ Comprises asset-backed securities.

SECURITIZATION EXPOSURES - RISK-WEIGHTED ASSETS AND CAPITAL CHARGES (IRB APPROACH)

(\$ millions)

	Q3/18						Q2/18					
	EAD ¹		RWA		Capital charge		EAD ¹		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
Trading												
Ratings-based approach												
AAA to BBB-	193	-	30	-	2	-	228	-	32	-	3	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
Total trading	193	-	30	-	2	-	228	-	32	-	3	-
Non-trading												
Ratings-based approach												
AAA to BBB-	2,673	-	207	-	17	-	3,264	-	249	-	20	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	-	-	-	-	-	-	13	-	161	-	13	-
	2,673	-	207	-	17	-	3,277	-	410	-	33	-
Internal assessment approach												
AAA to BBB-	9,110	-	637	-	51	-	8,715	-	610	-	49	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
	9,110	-	637	-	51	-	8,715	-	610	-	49	-
Supervisory formula approach	2,239	28	180	58	14	5	2,407	32	171	65	14	5
Unrated exposure ²	-	-	-	-	-	-	-	-	-	-	-	-
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
Total non-trading	14,022	28	1,024	58	82	5	14,399	32	1,191	65	96	5
Total exposure	14,215	28	1,054	58	84	5	14,627	32	1,223	65	99	5

(\$ millions)

	Q1/18						Q4/17					
	EAD ¹		RWA		Capital charge		EAD ¹		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
Trading												
Ratings-based approach												
AAA to BBB-	163	-	16	-	1	-	156	-	16	-	1	-
Unrated exposure	-	-	-	-	-	-	1	-	11	-	1	-
Total trading	163	-	16	-	1	-	157	-	27	-	2	-
Non-trading												
Ratings-based approach												
AAA to BBB-	3,419	-	250	-	20	-	3,802	-	271	-	22	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	12	-	154	-	12	-	13	-	161	-	13	-
	3,431	-	404	-	32	-	3,815	-	432	-	35	-
Internal assessment approach												
AAA to BBB-	8,098	-	567	-	45	-	7,394	-	518	-	41	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
	8,098	-	567	-	45	-	7,394	-	518	-	41	-
Supervisory formula approach	2,325	25	203	102	16	8	2,928	32	281	110	22	9
Unrated exposure ²	-	-	-	-	-	-	-	-	-	-	-	-
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
Total non-trading	13,854	25	1,174	102	93	8	14,137	32	1,231	110	98	9
Total exposure	14,017	25	1,190	102	94	8	14,294	32	1,258	110	100	9

For footnotes, see next page.



SECURITIZATION EXPOSURES - RISK-WEIGHTED ASSETS AND CAPITAL CHARGES (IRB APPROACH) (continued)

(\$ millions)	Q3/17						Q2/17					
	EAD ¹		RWA		Capital charge		EAD ¹		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
Trading												
Ratings-based approach												
AAA to BBB-	156	-	22	-	2	-	109	-	14	-	1	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
Total trading	156	-	22	-	2	-	109	-	14	-	1	-
Non-trading												
Ratings-based approach												
AAA to BBB-	3,298	19	236	8	19	1	2,950	74	213	30	17	2
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	12	-	156	-	12	-	14	-	171	-	14	-
	3,310	19	392	8	31	1	2,964	74	384	30	31	2
Internal assessment approach												
AAA to BBB-	6,957	-	487	-	40	-	6,771	-	474	-	38	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
	6,957	-	487	-	40	-	6,771	-	474	-	38	-
Supervisory formula approach												
Unrated exposure ²	3,026	33	281	128	22	10	2,694	38	300	152	24	12
	-	-	-	-	-	-	-	-	-	-	-	-
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
Total non-trading	13,293	52	1,160	136	93	11	12,429	112	1,158	182	93	14
Total exposure	13,449	52	1,182	136	95	11	12,538	112	1,172	182	94	14

(\$ millions)	Q1/17						Q4/16					
	EAD ¹		RWA		Capital charge		EAD ¹		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
Trading												
Ratings-based approach												
AAA to BBB-	146	-	14	-	1	-	125	-	12	-	1	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
Total trading	146	-	14	-	1	-	125	-	12	-	1	-
Non-trading												
Ratings-based approach												
AAA to BBB-	3,136	102	235	41	19	3	3,662	373	272	238	22	19
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	13	-	163	-	13	-	13	-	168	-	13	-
	3,149	102	398	41	32	3	3,675	373	440	238	35	19
Internal assessment approach												
AAA to BBB-	7,110	-	498	-	40	-	7,192	-	523	-	42	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
	7,110	-	498	-	40	-	7,192	-	523	-	42	-
Supervisory formula approach												
Unrated exposure ²	2,595	37	343	118	28	9	7,323	44	811	206	65	16
	-	-	-	-	-	-	-	-	-	-	-	-
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
Total non-trading	12,854	139	1,239	159	100	12	18,190	417	1,774	444	142	35
Total exposure	13,000	139	1,253	159	101	12	18,315	417	1,786	444	143	35

¹ Net of financial collateral of \$4 million (Q2/18: \$5 million) for resecuritization exposures.
² Pertains to unrated exposures not subject to supervisory formula approach.

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 transitional capital floor based on Basel I standards is also calculated by banks under the AIRB approach for credit risk and an adjustment to RWAs 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.

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.

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

CET1, Tier 1 and total regulatory capital, divided by RWAs, as defined by OSFI's Capital Adequacy Requirements Guideline, which is based on BCBS standards. During the period beginning in the third quarter of 2014 to the fourth quarter of 2018, on an all-in basis, before any capital floor requirement, there are three different levels of RWAs for the calculation of CIBC's CET1, Tier 1 and Total capital ratios. This occurs because of the option CIBC has chosen for the phase-in of the CVA capital charge.

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 ratings-based (IRB) approach for securitization exposures

Capital calculation method for securitizations available to the banks approved to use IRB approach for underlying exposures securitized. IRB for securitization comprises several calculation approaches (Ratings-Based, Supervisory Formula, Internal Assessment Approach).

Leverage exposure

For the purposes of the leverage ratio, exposure is defined under the rules as on-balance sheet assets (unweighted) less Tier 1 capital regulatory adjustments plus derivative exposures, securities financing transaction 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, securitization exposures).

Leverage ratio

Defined as Tier 1 capital divided by Leverage Exposure.

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.

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.

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 lines of credit extended to individuals.

Regulatory capital

Basel III regulatory capital, as defined by OSFI's Capital Adequacy Requirements 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 to FVO 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. AT1 capital primarily includes non-viability contingent capital (NVCC) preferred shares, 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 collective allowance under the standardized approach, and qualifying instruments issued by a consolidated subsidiary to third parties. Total capital is comprised of Tier 1 capital plus Tier 2 capital. Under Basel III, 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 January 1, 2022.

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.

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.

Risk-weighted assets (RWA)

RWAs consist of three components: (i) RWAs for credit risk are calculated using the AIRB and standardized approaches. The AIRB RWAs are calculated using PDs, LGDs, EADs, and in some cases maturity adjustment, while the standardized approach applies risk weighting factors specified in the OSFI guidelines to on- and off- balance sheet exposures; (ii) RWAs for market risk in the trading portfolio are based on the internal models approved by OSFI with the exception of the RWAs for traded securitization assets where we are using the methodology defined by OSFI; and (iii) RWAs 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 the AMA and standardized approaches. During the period beginning in the third quarter of 2014 to the fourth quarter of 2018, CET1 capital RWA, Tier 1 capital RWA, and total capital RWA, will differ due to the phase in of the CVA capital charge. 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 Basel I against the Basel III calculation, as specified by OSFI. Any shortfall in the Basel III capital requirement compared with the Basel I floor is added to RWAs.

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 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 Basel Accord. 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.