



# **Supplementary Regulatory Capital Disclosure**

For the period ended  
April 30, 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 Q2/18, 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 <sup>1</sup>)

(\$ millions)

Row <sup>2</sup>	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16
	<b>Cross-reference <sup>3</sup></b>								
<b>Common Equity Tier 1 (CET1) capital: instruments and reserves</b>									
1 Directly issued qualifying common share capital plus related stock surplus	13,295	13,204	12,685	12,320	8,574	8,351	8,096	7,879	7,864
2 Retained earnings	17,412	16,701	16,101	15,535	15,011	14,483	13,584	13,145	12,197
3 Accumulated other comprehensive income (and other reserves)	403	(17)	452	167	1,083	698	790	509	522
5 Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)	113	106	109	107	114	108	113	101	97
<b>Common Equity Tier 1 capital before regulatory adjustments</b>	<b>31,223</b>	<b>29,994</b>	<b>29,347</b>	<b>28,129</b>	<b>24,782</b>	<b>23,640</b>	<b>22,583</b>	<b>21,634</b>	<b>20,680</b>
<b>Common Equity Tier 1 capital: regulatory adjustments</b>									
7 Prudential valuation adjustments	50	60	62	63	60	67	69	68	63
8 Goodwill (net of related tax liabilities)	5,370	5,188	5,284	5,019	1,468	1,444	1,461	1,449	1,785
9 Other intangibles other than mortgage-servicing rights (net of related tax liabilities)	1,654	1,660	1,654	1,531	1,304	1,277	1,258	1,214	1,166
10 Deferred tax assets excluding those arising from temporary differences (net of related tax liabilities)	5	6	18	24	71	66	70	56	99
11 Cash flow hedge reserve	-	39	33	27	46	38	23	26	18
12 Shortfall of allowances to expected losses <sup>5</sup>	625	631	474	447	242	301	283	256	193
14 Gain and losses due to changes in own credit risk on fair valued liabilities	35	27	41	54	44	62	102	101	72
15 Defined benefit pension fund net assets (net of related tax liabilities)	259	268	160	300	191	287	156	115	110
16 Investments in own shares (if not already netted off paid-in capital on reported balance sheet)	-	-	3	-	-	5	13	4	9
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 <b>Total regulatory adjustments to Common Equity Tier 1</b>	<b>7,998</b>	<b>7,879</b>	<b>7,729</b>	<b>7,465</b>	<b>3,426</b>	<b>3,547</b>	<b>3,435</b>	<b>3,289</b>	<b>3,515</b>
<b>Common Equity Tier 1 capital (CET1)</b>	<b>23,225</b>	<b>22,115</b>	<b>21,618</b>	<b>20,664</b>	<b>21,356</b>	<b>20,093</b>	<b>19,148</b>	<b>18,345</b>	<b>17,165</b>
<b>Additional Tier 1 (AT1) capital: instruments</b>									
30 Directly issued qualifying Additional Tier 1 instruments plus related stock surplus <sup>6</sup>	2,248	2,246	1,797	1,796	1,000	1,000	1,000	1,000	1,000
31 of which: classified as equity under applicable accounting standards	2,248	2,246	1,797	1,796	1,000	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	1,253	1,253	1,253	1,253	1,504	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)	14	13	14	13	15	14	14	13	13
<b>Additional Tier 1 capital before regulatory adjustments</b>	<b>3,265</b>	<b>3,262</b>	<b>3,064</b>	<b>3,062</b>	<b>2,268</b>	<b>2,267</b>	<b>2,518</b>	<b>2,517</b>	<b>2,517</b>
<b>Additional Tier 1 capital: regulatory adjustments</b>									
41 Other deductions from Tier 1 capital as determined by OSFI	-	-	-	-	-	-	-	-	-
41b of which: valuation adjustment for less liquid positions	-	-	-	-	-	-	-	-	-
43 <b>Total regulatory adjustments to Additional Tier 1 capital</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Additional Tier 1 capital (AT1)</b>	<b>3,265</b>	<b>3,262</b>	<b>3,064</b>	<b>3,062</b>	<b>2,268</b>	<b>2,267</b>	<b>2,518</b>	<b>2,517</b>	<b>2,517</b>
<b>Tier 1 capital (T1 = CET1 + AT1)</b>	<b>26,490</b>	<b>25,377</b>	<b>24,682</b>	<b>23,726</b>	<b>23,624</b>	<b>22,360</b>	<b>21,666</b>	<b>20,862</b>	<b>19,682</b>
<b>Tier 2 capital: instruments and provisions</b>									
46 Directly issued qualifying Tier 2 instruments plus related stock surplus <sup>8</sup>	3,407	1,925	1,961	1,961	1,982	1,975	2,001	2,005	1,986
47 Directly issued capital instruments subject to phase out from Tier 2	1,188	1,182	1,204	1,197	1,279	1,287	1,323	1,354	1,327
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)	20	18	19	19	19	18	19	18	17
50 General allowances (Q4/17 and prior: Collective allowance under IAS 39)	280	269	263	250	73	70	74	72	71
<b>Tier 2 capital before regulatory adjustments</b>	<b>4,895</b>	<b>3,394</b>	<b>3,447</b>	<b>3,427</b>	<b>3,353</b>	<b>3,350</b>	<b>3,417</b>	<b>3,449</b>	<b>3,401</b>
<b>Total regulatory adjustments to Tier 2 capital</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tier 2 capital (T2)</b>	<b>4,895</b>	<b>3,394</b>	<b>3,447</b>	<b>3,427</b>	<b>3,353</b>	<b>3,350</b>	<b>3,417</b>	<b>3,449</b>	<b>3,401</b>
<b>Total capital (TC = T1 + T2)</b>	<b>31,385</b>	<b>28,771</b>	<b>28,129</b>	<b>27,153</b>	<b>26,977</b>	<b>25,710</b>	<b>25,083</b>	<b>24,311</b>	<b>23,083</b>
<b>Total RWA</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
60a <b>Common Equity Tier 1 (CET1) Capital RWA <sup>9</sup></b>	<b>208,068</b>	<b>204,647</b>	<b>203,321</b>	<b>198,459</b>	<b>175,431</b>	<b>169,350</b>	<b>168,996</b>	<b>168,077</b>	<b>165,419</b>
60b <b>Tier 1 Capital RWA <sup>9</sup></b>	<b>208,231</b>	<b>204,647</b>	<b>203,321</b>	<b>198,686</b>	<b>175,431</b>	<b>169,575</b>	<b>169,322</b>	<b>168,407</b>	<b>165,746</b>
60c <b>Total Capital RWA <sup>9</sup></b>	<b>208,394</b>	<b>204,647</b>	<b>203,321</b>	<b>198,867</b>	<b>175,431</b>	<b>169,755</b>	<b>169,601</b>	<b>168,690</b>	<b>166,027</b>

For footnotes, see next page.



# REGULATORY CAPITAL AND RATIOS - BASEL III (ALL-IN BASIS <sup>1</sup>) (continued)

(\$ millions)

Row <sup>2</sup>	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16
	<b>Cross-reference <sup>3</sup></b>								
<b>Capital ratios</b>									
61 Common Equity Tier 1 (as a percentage of RWAs)	<b>11.2%</b>	10.8%	10.6%	10.4%	12.2%	11.9%	11.3%	10.9%	10.4%
62 Tier 1 (as a percentage of RWAs)	<b>12.7%</b>	12.4%	12.1%	11.9%	13.5%	13.2%	12.8%	12.4%	11.9%
63 Total capital (as a percentage of RWAs)	<b>15.1%</b>	14.1%	13.8%	13.7%	15.4%	15.2%	14.8%	14.4%	13.9%
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)	<b>8.0%</b>	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%
65 of which: capital conservation buffer requirement	<b>2.5%</b>	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
66 of which: institution specific countercyclical buffer requirement	<b>0.0%</b>	0.0%	0.0%	0.0%	0.0%	0.0%	n/a	n/a	n/a
67a of which: D-SIB buffer requirement	<b>1.0%</b>	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)	<b>11.2%</b>	10.8%	10.6%	10.4%	12.2%	11.9%	11.3%	10.9%	10.4%
<b>OSFI all-in target (minimum + capital conservation buffer + D-SIB surcharge (if applicable))</b>									
69 Common Equity Tier 1 all-in target ratio	<b>8.0%</b>	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%
70 Tier 1 capital all-in target ratio	<b>9.5%</b>	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%
71 Total capital all-in target ratio	<b>11.5%</b>	11.5%	11.5%	11.5%	11.5%	11.5%	11.5%	11.5%	11.5%
<b>Amounts below the thresholds for deduction (before risk-weighting)</b>									
72 Non-significant investments in the capital of other financials	<b>289</b>	279	306	450	453	409	348	368	425
73 Significant investments in the common stock of financials	<b>814</b>	804	802	810	828	806	814	828	1,463
75 Deferred tax assets arising from temporary differences (net of related tax liabilities)	<b>1,034</b>	1,030	1,170	1,157	912	894	978	981	892
<b>Applicable caps on the inclusion of allowances in Tier 2</b>									
76 Allowances eligible for inclusion in Tier 2 in respect of exposures subject to standardized approach (prior to application of cap)	<b>280</b>	269	263	250	73	70	74	72	71
77 Cap on inclusion of allowances in Tier 2 under standardized approach	<b>280</b>	AA	269	263	250	73	74	72	71
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	-	-	-	-	-	-	-
<b>Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2013 and 1 Jan 2022)</b>									
80 Current cap on CET1 instruments subject to phase out arrangements	<b>n/a</b>	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)	<b>n/a</b>	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	<b>1,003</b>	V+see footnote 7	1,003	1,253	1,253	1,253	1,504	1,504	1,504
83 Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	<b>597</b>	AH+see footnote 7	608	369	376	376	392	158	167
84 Current cap on T2 instruments subject to phase out arrangements	<b>1,802</b>	-	1,802	2,253	2,253	2,253	2,704	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. OSFI mandated all institutions to have established a target CET1 ratio of 7%, comprised of the 2019 all-in minimum ratio plus conservation buffer. For the Tier 1 and Total capital ratios, the all-in targets were 8.5% and 10.5%, respectively, effective the first quarter of 2014. With the application of the 1% D-SIB CET1 surcharge, the targets are 8%, 9.5% and 11.5% effective January 2016.
  - 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 include capital floor adjustments. See page 7 for further details.
  - 10 Synthetic positions not recorded on the consolidated balance sheet.
- n/a Not applicable.



# RECONCILIATION OF CAPITAL (ALL-IN BASIS) TO CONSOLIDATED REGULATORY BALANCE SHEET <sup>1</sup>

(\$ millions)

	Q2/18				Cross reference to capital schedule <sup>3</sup>
	Balance sheet as in report to shareholders	Insurance entities adjustment <sup>2</sup>		Balance sheet as in the regulatory scope of consolidation	
	Deconsolidation	Equity accounting	Of which		
<b>Assets</b>					
<b>Cash and non-interest-bearing deposits with banks</b>	5,112	-	-	5,112	
<b>Interest-bearing deposits with banks</b>	11,923	-	-	11,923	
<b>Securities</b>	102,319	(240)	-	102,079	
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				76	AG
Significant investments in capital of non-financial institutions				-	
Other securities				102,003	
<b>Cash collateral on securities borrowed</b>	6,340	-	-	6,340	
<b>Securities purchased under resale agreements</b>	43,541	-	-	43,541	
<b>Loans</b>	366,701	-	-	366,701	
<b>Allowance for credit losses</b>	(1,619)	-	-	(1,619)	
General allowance reflected in Tier 2 capital				(280)	AA
Excess in allowance over expected losses reflected in Tier 2 capital				-	AB
Allowances not reflected in regulatory capital				(1,339)	
<b>Derivative instruments</b>	23,939	-	-	23,939	
<b>Customers' liability under acceptances</b>	9,134	-	-	9,134	
<b>Land, buildings and equipment</b>	1,746	-	-	1,746	
<b>Goodwill</b>	5,452	-	-	5,452	F
<b>Software and other intangible assets</b>	1,923	-	-	1,923	I
<b>Investments in equity-accounted associates and joint ventures</b>	523	-	398	921	
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				416	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				52	AJ
Non-significant investments in capital of non-financial institutions				8	
<b>Deferred tax assets</b>	605	-	-	605	
Deferred tax assets excluding those arising from temporary differences				5	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				1,034	AC
Deferred tax liabilities related to goodwill				(92)	H
Deferred tax liabilities related to software and other intangible assets				(272)	J
Deferred tax liabilities related to defined benefit pension fund net assets				(70)	O
<b>Other assets</b>					
Defined benefit pension fund net assets	329	-	-	329	N
Other	12,569	(131)	-	12,438	
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds				5	AI
Other				12,433	
<b>Total assets</b>	<b>590,537</b>	<b>(371)</b>	<b>398</b>	<b>590,564</b>	

For footnotes, see next page.



# RECONCILIATION OF CAPITAL (ALL-IN BASIS) TO CONSOLIDATED REGULATORY BALANCE SHEET <sup>1</sup> (continued)

(\$ millions)

	Q2/18			Of which	Cross reference to capital schedule <sup>3</sup>
	Balance sheet as in report to shareholders	Insurance entities adjustment <sup>2</sup> Deconsolidation	Equity accounting		
<b>Liabilities</b>					
<b>Deposits</b>	449,031	-	-	449,031	
<b>Obligations related to securities sold short</b>	13,725	-	-	13,725	
<b>Cash collateral on securities lent</b>	1,991	-	-	1,991	
<b>Obligations related to securities sold under repurchase agreements</b>	38,373	-	-	38,373	
<b>Derivative instruments</b>	22,296	-	-	22,296	
<b>Acceptances</b>	9,163	-	-	9,163	
<b>Deferred tax liabilities</b>	32	-	-	32	
<b>Other liabilities</b>	17,747	88	(61)	17,774	
<b>Subordinated indebtedness</b>	4,633	-	-	4,633	
Subordinated indebtedness allowed for inclusion in Tier 2 capital				3,407	X
Subordinated indebtedness allowed for inclusion in Tier 2 capital subject to phase out				1,188	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				38	
<b>Total liabilities</b>	<b>556,991</b>	<b>88</b>	<b>(61)</b>	<b>557,018</b>	
<b>Equity</b>					
<b>Preferred shares</b>	2,248	-	-	2,248	
Preferred shares allowed for inclusion into additional Tier 1 capital				2,248	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
<b>Common shares</b>	13,166	-	-	13,166	
Common shares – treasury positions				8	
Common shares				13,158	A
<b>Contributed surplus</b>	137	-	-	137	B
<b>Retained earnings</b>	17,412	(461)	461	17,412	C
Gains and losses due to changes in own credit risk on fair valued liabilities				47	M
Other retained earnings				17,365	
<b>AOCI</b>	403	2	(2)	403	D
Cash flow hedges				-	L
Net fair value gains (losses) arising from changes in institution's own credit risk				(12)	AK
Other				415	
<b>Non-controlling interests</b>	180	-	-	180	
Portion allowed for inclusion into CET1				113	E
Portion allowed for inclusion into additional Tier 1 capital				14	W
Portion allowed for inclusion into Tier 2 capital				20	Z
Portion not allowed for regulatory capital				33	
<b>Total equity</b>	<b>33,546</b>	<b>(459)</b>	<b>459</b>	<b>33,546</b>	
<b>Total liabilities and equity</b>	<b>590,537</b>	<b>(371)</b>	<b>398</b>	<b>590,564</b>	

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

<sup>2</sup> 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 April 30, 2018, CIBC Re had \$241 million in assets, \$(16) million in liabilities, and \$257 million in equity, and CIBC Life had \$130 million in assets, \$(72) million in liabilities, and \$202 million in equity.

<sup>3</sup> Refer to pages 1 and 2.

## CHANGES IN REGULATORY CAPITAL - BASEL III (ALL-IN BASIS <sup>1</sup>)

(\$ millions)

	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16
<b>Common Equity Tier 1 (CET1) capital</b>									
Opening amount	22,115	21,618	20,664	21,356	20,093	19,148	18,345	17,165	17,197
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)	47	196	201	187	191	170	164	-	-
Other issue of common shares	42	82	40	37	40	91	48	23	18
Redeemed capital	-	-	-	-	-	-	-	-	-
Purchase of common shares for cancellation	-	-	-	-	-	-	-	-	(15)
Premium on purchase of common shares for cancellation	-	-	-	-	-	-	-	-	(50)
Gross dividends (deduction)	(615)	(592)	(593)	(560)	(518)	(502)	(488)	(487)	(476)
Profit for the quarter (attributable to shareholders of the parent company)	1,313	1,323	1,159	1,093	1,045	1,402	927	1,435	936
Removal of own credit spread (net of tax)	(8)	14	13	(10)	18	40	(1)	(29)	37
Change in AOCI balances included in regulatory capital									
Currency translation differences	536	(582)	431	(1,057)	503	(253)	223	86	(632)
Securities measured at fair value through other comprehensive income (FVOCI) (Q4/17 and prior:									
Available-for-sale investments)	(73)	(54)	(24)	(42)	35	(70)	9	40	40
Cash flow hedges	(39)	6	6	(19)	8	15	(3)	8	3
Post-employment defined benefit plans	(5)	107	(125)	203	(158)	219	55	(148)	(11)
Goodwill and other intangible assets (deduction, net of related tax liabilities)	(176)	90	(388)	(3,778)	(51)	(2)	(56)	288	85
Shortfall of allowance to expected losses	6	(157)	(27)	(205)	59	(18)	(27)	(63)	20
Other, including regulatory adjustments and transitional arrangements									
Deferred tax assets that rely on future profitability (excluding those arising from temporary differences)	1	12	6	47	(5)	4	(14)	43	18
Defined benefit pension fund net assets	9	(108)	140	(109)	96	(131)	(41)	(5)	14
Significant investments in financial institutions (amount above 10% threshold)	-	-	-	-	-	-	-	-	-
Amount exceeding 15% threshold	-	-	-	-	-	-	-	-	-
Prudential valuation adjustments	10	2	1	(3)	7	2	(1)	(5)	(4)
Other <sup>2</sup>	62	(83)	(12)	81	(7)	(22)	8	(6)	(15)
Closing amount	23,225	22,115	21,618	20,664	21,356	20,093	19,148	18,345	17,165
<b>Additional Tier 1 (AT1) capital</b>									
Opening amount	3,262	3,064	3,062	2,268	2,267	2,518	2,517	2,517	2,519
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	3	(1)	2	(6)	1	-	1	-	(2)
Closing amount	3,265	3,262	3,064	3,062	2,268	2,267	2,518	2,517	2,517
<b>Total Tier 1 capital</b>	26,490	25,377	24,682	23,726	23,624	22,360	21,666	20,862	19,682
<b>Tier 2 capital</b>									
Opening amount	3,394	3,447	3,427	3,353	3,350	3,417	3,449	3,401	3,437
New Tier 2 eligible capital issues	1,500	-	-	-	-	-	-	-	-
Redeemed capital	-	-	-	-	-	-	-	-	-
Amortization adjustments	-	-	-	-	-	-	-	-	-
Impact of the cap on inclusion for instruments subject to phase out	-	-	-	-	-	-	-	-	-
Other, including regulatory adjustments and transitional arrangements	1	(53)	20	74	3	(67)	(32)	48	(36)
Closing amount	4,895	3,394	3,447	3,427	3,353	3,350	3,417	3,449	3,401
<b>Total capital</b>	31,385	28,771	28,129	27,153	26,977	25,710	25,083	24,311	23,083

<sup>1</sup> 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.

<sup>2</sup> 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 <sup>1, 2</sup>	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	
<b>On-balance sheet exposures</b>										
1	On-balance sheet items (excluding derivatives, securities financing transactions (SFTs) and grandfathered securitization exposures, but including collateral)	514,986	500,027	493,003	486,823	456,527	442,244	437,179	426,904	411,069
2	Asset amounts deducted in determining Basel III Tier 1 capital	(7,964)	(7,852)	(7,690)	(7,411)	(3,381)	(3,483)	(3,333)	(3,188)	(3,443)
3	<b>Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 and 2)</b>	<b>507,022</b>	<b>492,175</b>	<b>485,313</b>	<b>479,412</b>	<b>453,146</b>	<b>438,761</b>	<b>433,846</b>	<b>423,716</b>	<b>407,626</b>
<b>Derivative exposures</b>										
4	Replacement cost associated with all derivative transactions (i.e. net of eligible cash variation margin)	5,992	6,734	5,339	5,066	6,452	4,981	6,418	7,065	6,634
5	Add-on amounts for potential future exposure (PFE) associated with all derivative transactions	19,889	18,387	17,224	15,638	16,567	14,549	14,406	14,668	13,964
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)	(3,810)	(5,502)	(4,016)	(4,585)	(4,990)	(5,408)	(5,667)	(5,450)	(5,280)
8	(Exempted central counterparty (CCP)-leg of client cleared trade exposures)	-	-	-	-	-	-	-	-	-
9	Adjusted effective notional amount of written credit derivatives	141	467	389	125	-	-	216	356	239
10	(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	(141)	(467)	(389)	-	-	-	(22)	(154)	(25)
11	<b>Total derivatives exposures (sum of lines 4 to 10)</b>	<b>22,071</b>	<b>19,619</b>	<b>18,547</b>	<b>16,244</b>	<b>18,029</b>	<b>14,122</b>	<b>15,351</b>	<b>16,485</b>	<b>15,532</b>
<b>Securities financing transaction exposures</b>										
12	Gross SFT assets recognized for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions	49,881	55,260	45,418	45,072	43,842	44,556	33,810	36,460	35,722
13	(Netted amounts of cash payables and cash receivables of gross SFT assets)	(4,065)	(4,501)	(2,392)	-	-	-	-	-	-
14	Counterparty credit risk (CCR) exposure for SFTs	2,773	2,556	1,903	1,989	2,013	1,682	1,772	1,135	860
15	Agent transaction exposures	-	-	-	-	-	-	-	-	-
16	<b>Total securities financing transaction exposures (sum of lines 12 to 15)</b>	<b>48,589</b>	<b>53,315</b>	<b>44,929</b>	<b>47,061</b>	<b>45,855</b>	<b>46,238</b>	<b>35,582</b>	<b>37,595</b>	<b>36,582</b>
<b>Other off-balance sheet exposures</b>										
17	Off-balance sheet exposure at gross notional amount	241,179	236,408	233,667	231,083	218,975	211,165	212,888	208,903	203,249
18	(Adjustments for conversion to credit equivalent amounts)	(177,554)	(174,911)	(172,103)	(171,486)	(163,901)	(154,456)	(152,187)	(149,527)	(146,151)
19	<b>Off-balance sheet items (sum of lines 17 and 18)</b>	<b>63,625</b>	<b>61,497</b>	<b>61,564</b>	<b>59,597</b>	<b>55,074</b>	<b>56,709</b>	<b>60,701</b>	<b>59,376</b>	<b>57,098</b>
20	<b>Tier 1 capital</b>	<b>26,490</b>	<b>25,377</b>	<b>24,682</b>	<b>23,726</b>	<b>23,624</b>	<b>22,360</b>	<b>21,666</b>	<b>20,862</b>	<b>19,682</b>
21	<b>Total exposures (sum of lines 3, 11, 16 and 19)</b>	<b>641,307</b>	<b>626,606</b>	<b>610,353</b>	<b>602,314</b>	<b>572,104</b>	<b>555,830</b>	<b>545,480</b>	<b>537,172</b>	<b>516,838</b>
22	<b>Basel III leverage ratio</b>	<b>4.1%</b>	<b>4.0%</b>	<b>4.0%</b>	<b>3.9%</b>	<b>4.1%</b>	<b>4.0%</b>	<b>4.0%</b>	<b>3.9%</b>	<b>3.8%</b>

## SUMMARY COMPARISON OF ACCOUNTING ASSETS VS. LEVERAGE RATIO EXPOSURE MEASURE

(\$ millions)

Row <sup>1, 2</sup>	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	
1	Total consolidated assets as per published financial statements	590,537	586,927	565,264	560,912	528,591	513,294	501,357	494,490	478,144
2	Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	27	67	80	80	120	136	129	165	130
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	(1,868)	(9,684)	(5,796)	(10,126)	(7,583)	(9,775)	(12,412)	(12,067)	(13,209)
5	Adjustment for securities financing transactions (i.e. repos and similar secured lending)	(1,292)	(1,945)	(489)	1,989	2,013	1,682	1,772	1,135	860
6	Adjustment for off-balance sheet items (i.e. credit equivalent amounts of off-balance sheet exposures)	63,625	61,497	61,564	59,597	55,074	56,709	60,701	59,376	57,098
7	Other adjustments	(9,722)	(10,256)	(10,270)	(10,138)	(6,111)	(6,216)	(6,067)	(5,927)	(6,185)
8	<b>Leverage ratio exposure</b>	<b>641,307</b>	<b>626,606</b>	<b>610,353</b>	<b>602,314</b>	<b>572,104</b>	<b>555,830</b>	<b>545,480</b>	<b>537,172</b>	<b>516,838</b>

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)

	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	
	Minimum total capital required <sup>1</sup>									
	RWA	RWA								
<b>Credit risk <sup>2</sup></b>										
<b>Standardized approach</b>										
Corporate	29,756	2,380	27,707	28,029	26,631	3,727	3,578	3,645	3,674	3,515
Sovereign	1,535	123	1,454	1,597	1,550	777	621	780	658	627
Banks	463	37	430	488	438	439	442	521	472	438
Real estate secured personal lending	2,592	207	2,437	2,735	2,645	2,085	2,100	2,181	2,144	2,075
Other retail	855	68	838	933	873	833	666	667	647	616
Trading book	194	16	181	187	188	152	130	123	105	70
	<b>35,395</b>	<b>2,831</b>	<b>33,047</b>	<b>33,969</b>	<b>32,325</b>	<b>8,013</b>	<b>7,537</b>	<b>7,917</b>	<b>7,700</b>	<b>7,341</b>
<b>AIRB approach</b>										
Corporate	65,193	5,215	63,716	64,924	64,133	64,418	64,074	64,856	65,185	64,496
Sovereign <sup>3</sup>	2,209	177	2,303	2,093	2,048	1,900	2,075	2,185	2,245	2,150
Banks	3,925	314	3,505	3,215	3,110	3,582	3,601	3,526	3,753	3,602
Real estate secured personal lending	15,900	1,272	15,706	14,738	14,566	13,691	13,156	12,115	11,497	10,483
Qualifying revolving retail	17,826	1,426	17,844	17,355	16,931	17,050	17,432	17,512	17,200	16,839
Other retail	7,553	604	7,507	7,579	8,296	8,182	7,965	7,813	7,738	7,596
Equity	729	58	739	759	813	699	734	705	693	717
Trading book	3,793	303	3,666	3,345	3,164	3,641	3,359	3,576	3,387	3,301
Securitization	1,256	100	1,276	1,341	1,296	1,340	1,398	2,218	2,290	1,981
Adjustment for scaling factor	7,093	567	6,966	6,911	6,852	6,860	6,818	6,860	6,830	6,660
	<b>125,477</b>	<b>10,036</b>	<b>123,228</b>	<b>122,260</b>	<b>121,209</b>	<b>121,363</b>	<b>120,612</b>	<b>121,366</b>	<b>120,818</b>	<b>117,825</b>
Other credit RWA	10,169	814	10,675	11,427	11,356	10,893	10,322	10,815	11,276	12,539
<b>Total credit risk (before adjustment for CVA phase-in) <sup>4</sup></b>	<b>171,041</b>	<b>13,681</b>	<b>166,950</b>	<b>167,656</b>	<b>164,890</b>	<b>140,269</b>	<b>138,471</b>	<b>140,098</b>	<b>139,794</b>	<b>137,705</b>
<b>Market risk (Internal Models and IRB Approach)</b>										
Value-at-risk (VaR)	924	74	858	935	1,203	1,005	989	881	911	1,346
Stressed VaR	2,854	228	2,214	2,058	2,420	2,066	2,104	1,623	1,729	2,019
Incremental risk charge	2,583	207	2,290	1,843	2,186	3,167	2,383	1,624	1,209	1,134
Securitization & other	546	44	247	556	169	85	75	47	86	15
<b>Total market risk</b>	<b>6,907</b>	<b>553</b>	<b>5,609</b>	<b>5,392</b>	<b>5,978</b>	<b>6,323</b>	<b>5,551</b>	<b>4,175</b>	<b>3,935</b>	<b>4,514</b>
<b>Operational risk</b>	<b>25,774</b>	<b>2,062</b>	<b>25,241</b>	<b>24,664</b>	<b>24,327</b>	<b>22,452</b>	<b>22,081</b>	<b>21,746</b>	<b>21,327</b>	<b>20,202</b>
<b>Total RWA before adjustments for CVA phase-in and capital floor <sup>4,5</sup></b>	<b>203,722</b>	<b>16,296</b>	<b>197,800</b>	<b>197,712</b>	<b>195,195</b>	<b>169,044</b>	<b>166,103</b>	<b>166,019</b>	<b>165,056</b>	<b>162,421</b>
<b>CVA capital charge <sup>4</sup></b>										
CET1 RWA	<b>B</b>	4,346	348	3,798	3,498	3,264	3,655	3,247	2,977	2,998
Tier 1 RWA	<b>C</b>	4,509	361	3,940	3,741	3,491	3,909	3,472	3,303	3,325
Total RWA	<b>D</b>	4,672	374	4,083	3,935	3,672	4,112	3,652	3,582	3,606
<b>Capital floor adjustment <sup>5</sup></b>										
CET1 RWA	<b>E</b>	-	-	3,049	2,111	n/a	2,732	n/a	n/a	n/a
Tier 1 RWA	<b>F</b>	-	-	2,907	1,868	n/a	2,478	n/a	n/a	n/a
Total RWA	<b>G</b>	-	-	2,764	1,674	n/a	2,275	n/a	n/a	n/a
<b>Total RWA after adjustments for CVA phase-in and capital floor <sup>4,5</sup></b>										
CET1 capital RWA	<b>A+B+E</b>	208,068	16,644	204,647	203,321	198,459	175,431	169,350	168,996	165,419
Tier 1 capital RWA	<b>A+C+F</b>	208,231	16,657	204,647	203,321	198,686	175,431	169,575	169,322	165,746
Total capital RWA	<b>A+D+G</b>	208,394	16,670	204,647	203,321	198,867	175,431	169,755	169,601	166,027

<sup>1</sup> 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%.

<sup>2</sup> Credit risk for CIBC Bank USA is calculated under the standardized approach.

<sup>3</sup> Includes residential mortgages insured by Canadian Mortgage and Housing Corporation (CMHC), an agency of the government of Canada, and government guaranteed student loans.

<sup>4</sup> 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.

<sup>5</sup> 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 70% of the capital requirements under the Basel II standardized approach is added to RWAs (the 70% floor is to be increased to 72.5% in Q3/18 and 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 include a capital floor adjustment under this methodology. See the "Continuous enhancement to regulatory capital requirements" section of the MD&A in our second quarter report to shareholders for additional details.

n/a Not applicable.

# CHANGES IN CET1 RISK-WEIGHTED ASSETS <sup>1</sup>

(\$ millions)

	Q2/18 vs. Q1/18		Q1/18 vs. Q4/17		Q4/17 vs. Q3/17		Q3/17 vs. Q2/17	
	Credit risk	Of which counterparty credit risk <sup>2</sup>	Credit risk	Of which counterparty credit risk <sup>2</sup>	Credit risk	Of which counterparty credit risk <sup>2</sup>	Credit risk	Of which counterparty credit risk <sup>2</sup>
<b>Credit risk</b>								
Balance at beginning of period	170,748	11,131	171,154	10,125	168,154	9,436	143,924	10,097
Book size <sup>3</sup>	4,905	151	5,167	1,127	3,131	668	5,963	193
Book quality <sup>4</sup>	(1,717)	(591)	(1,298)	(346)	(1,117)	(361)	(2,070)	(301)
Model updates <sup>5</sup>	(653)	96	69	-	(558)	-	(631)	-
Methodology and policy <sup>6</sup>	-	-	513	380	70	-	308	-
Acquisitions and disposals	-	-	300	-	-	-	26,517	90
Foreign exchange movements	2,729	165	(2,967)	(137)	2,160	130	(5,032)	(292)
Other	(625)	520	(2,190)	(18)	(686)	252	(825)	(351)
Balance at end of period <sup>7</sup>	175,387	11,472	170,748	11,131	171,154	10,125	168,154	9,436

	Q2/18 vs. Q1/18	Q1/18 vs. Q4/17	Q4/17 vs. Q3/17	Q3/17 vs. Q2/17
<b>Market risk</b>				
Balance at beginning of period	5,609	5,392	5,978	6,323
Movement in risk levels <sup>8</sup>	1,079	80	(505)	(473)
Model updates <sup>5</sup>	257	(8)	32	(261)
Methodology and policy <sup>6</sup>	-	-	-	-
Acquisitions and disposals	-	-	-	59
Foreign exchange movements	(38)	145	(113)	330
Other	-	-	-	-
Balance at end of period	6,907	5,609	5,392	5,978

	Q2/18 vs. Q1/18	Q1/18 vs. Q4/17	Q4/17 vs. Q3/17	Q3/17 vs. Q2/17
<b>Operational risk</b>				
Balance at beginning of period	25,241	24,664	24,327	22,452
Movement in risk levels <sup>9</sup>	533	536	215	306
Methodology and policy <sup>6</sup>	-	-	-	-
Acquisitions and disposals	-	41	122	1,569
Balance at end of period	25,774	25,241	24,664	24,327

<sup>1</sup> Excludes capital floor adjustment.

<sup>2</sup> Comprises derivatives and repo-style transactions.

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

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

<sup>5</sup> Relates to internal model or parameter changes.

<sup>6</sup> 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.

<sup>7</sup> Includes \$4,346 million (Q1/18: \$3,798 million) of CET1 CVA RWAs relating to bilateral OTC derivatives.

<sup>8</sup> Relates to changes in open positions and market data.

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



# CREDIT EXPOSURE (EAD <sup>1</sup>)

(\$ millions)

	Q2/18		Q1/18		Q4/17		Q3/17		Q2/17		Q1/17		Q4/16		Q3/16	
	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
<b>Business and government portfolios</b>																
<b>Corporate</b>																
Drawn	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	72,146	3,126
Undrawn commitments	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	37,054	86
Repo-style transactions	90,817	11	91,235	28	76,899	39	75,016	28	72,087	38	65,326	15	53,644	33	51,372	10
Other off-balance sheet	16,531	738	14,072	703	13,484	697	13,848	675	15,688	216	15,706	235	18,350	229	15,175	440
OTC derivatives	9,759	39	9,043	46	8,990	64	8,111	75	9,885	-	8,245	-	9,001	-	8,180	-
	<b>240,709</b>	<b>29,948</b>	<b>233,313</b>	<b>27,923</b>	<b>216,763</b>	<b>28,275</b>	<b>212,028</b>	<b>26,787</b>	<b>212,139</b>	<b>3,763</b>	<b>198,921</b>	<b>3,589</b>	<b>190,647</b>	<b>3,777</b>	<b>183,927</b>	<b>3,662</b>
<b>Sovereign</b>																
Drawn	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	38,454	4,740
Undrawn commitments	6,484	-	6,168	-	5,642	-	5,733	-	5,547	-	4,722	-	4,670	-	4,830	-
Repo-style transactions	14,497	-	15,102	-	14,374	-	12,269	-	13,268	-	10,439	-	10,020	-	6,522	-
Other off-balance sheet	535	-	536	-	533	-	554	-	682	-	693	-	753	-	803	-
OTC derivatives	2,801	-	2,497	-	2,660	-	2,487	-	3,677	-	2,951	-	3,581	-	3,893	-
	<b>74,848</b>	<b>11,494</b>	<b>71,352</b>	<b>11,108</b>	<b>64,648</b>	<b>11,827</b>	<b>67,133</b>	<b>11,061</b>	<b>65,398</b>	<b>5,026</b>	<b>60,615</b>	<b>4,759</b>	<b>63,079</b>	<b>4,773</b>	<b>54,502</b>	<b>4,740</b>
<b>Banks</b>																
Drawn	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	13,894	1,847
Undrawn commitments	980	6	996	6	840	8	984	9	1,040	-	1,089	-	1,011	-	1,036	-
Repo-style transactions	29,446	-	26,739	-	21,469	-	22,459	-	22,296	-	24,008	-	22,720	-	22,386	-
Other off-balance sheet	66,862	-	63,491	-	64,176	-	62,155	-	64,972	-	61,464	-	62,107	-	59,315	-
OTC derivatives	8,182	242	8,165	222	7,527	232	6,350	233	7,603	219	6,053	160	6,005	167	5,900	211
	<b>118,656</b>	<b>2,171</b>	<b>110,837</b>	<b>2,049</b>	<b>104,434</b>	<b>2,261</b>	<b>102,224</b>	<b>2,096</b>	<b>106,237</b>	<b>1,995</b>	<b>102,764</b>	<b>1,849</b>	<b>102,558</b>	<b>2,107</b>	<b>102,531</b>	<b>2,058</b>
<b>Gross business and government portfolios</b>	<b>434,213</b>	<b>43,613</b>	<b>415,502</b>	<b>41,080</b>	<b>385,845</b>	<b>42,363</b>	<b>381,385</b>	<b>39,944</b>	<b>383,774</b>	<b>10,784</b>	<b>362,300</b>	<b>10,197</b>	<b>356,284</b>	<b>10,657</b>	<b>340,960</b>	<b>10,460</b>
Less: repo-style transaction collateral	122,114	-	118,964	-	101,315	-	98,861	-	95,043	-	88,596	-	76,263	-	71,017	-
<b>Net business and government portfolios</b>	<b>312,099</b>	<b>43,613</b>	<b>296,538</b>	<b>41,080</b>	<b>284,530</b>	<b>42,363</b>	<b>282,524</b>	<b>39,944</b>	<b>288,731</b>	<b>10,784</b>	<b>273,704</b>	<b>10,197</b>	<b>280,021</b>	<b>10,657</b>	<b>269,943</b>	<b>10,460</b>
<b>Retail portfolios</b>																
<b>Real estate secured personal lending</b>																
Drawn	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	195,464	2,579
Undrawn commitments	19,978	3	18,900	3	18,922	3	19,967	4	19,543	-	17,926	-	18,375	-	24,050	-
	<b>245,093</b>	<b>3,426</b>	<b>243,555</b>	<b>3,203</b>	<b>242,213</b>	<b>3,426</b>	<b>239,271</b>	<b>3,288</b>	<b>231,333</b>	<b>2,696</b>	<b>224,666</b>	<b>2,556</b>	<b>219,955</b>	<b>2,645</b>	<b>219,514</b>	<b>2,579</b>
<b>Qualifying revolving retail</b>																
Drawn	22,245	-	21,941	-	21,982	-	21,922	-	21,578	-	21,504	-	21,597	-	21,139	-
Undrawn commitments	49,812	-	49,860	-	49,140	-	46,383	-	46,623	-	48,231	-	47,140	-	46,887	-
Other off-balance sheet	311	-	240	-	293	-	311	-	302	-	258	-	319	-	308	-
	<b>72,368</b>	<b>-</b>	<b>72,041</b>	<b>-</b>	<b>71,415</b>	<b>-</b>	<b>68,616</b>	<b>-</b>	<b>68,503</b>	<b>-</b>	<b>69,993</b>	<b>-</b>	<b>69,056</b>	<b>-</b>	<b>68,334</b>	<b>-</b>
<b>Other retail</b>																
Drawn	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	9,616	766
Undrawn commitments	2,448	28	2,430	27	2,396	28	2,142	30	2,088	27	2,073	25	2,026	26	1,999	26
Other off-balance sheet	31	-	36	-	37	-	33	-	34	-	36	-	32	-	32	-
	<b>14,037</b>	<b>1,166</b>	<b>13,513</b>	<b>1,108</b>	<b>13,188</b>	<b>1,186</b>	<b>12,641</b>	<b>1,110</b>	<b>12,239</b>	<b>878</b>	<b>11,871</b>	<b>822</b>	<b>11,729</b>	<b>820</b>	<b>11,647</b>	<b>792</b>
<b>Total retail portfolios</b>	<b>331,498</b>	<b>4,592</b>	<b>329,109</b>	<b>4,311</b>	<b>326,816</b>	<b>4,612</b>	<b>320,528</b>	<b>4,398</b>	<b>312,075</b>	<b>3,574</b>	<b>306,530</b>	<b>3,378</b>	<b>300,740</b>	<b>3,465</b>	<b>299,495</b>	<b>3,371</b>
<b>Securitization exposures</b>	<b>14,436</b>	<b>-</b>	<b>13,884</b>	<b>-</b>	<b>14,174</b>	<b>-</b>	<b>13,350</b>	<b>-</b>	<b>12,546</b>	<b>-</b>	<b>13,001</b>	<b>-</b>	<b>18,863</b>	<b>-</b>	<b>18,748</b>	<b>-</b>
<b>Gross credit exposure</b>	<b>780,147</b>	<b>48,205</b>	<b>758,495</b>	<b>45,391</b>	<b>726,835</b>	<b>46,975</b>	<b>715,263</b>	<b>44,342</b>	<b>708,395</b>	<b>14,358</b>	<b>681,831</b>	<b>13,575</b>	<b>675,887</b>	<b>14,122</b>	<b>659,203</b>	<b>13,831</b>
Less: repo-style transaction collateral	122,114	-	118,964	-	101,315	-	98,861	-	95,043	-	88,596	-	76,263	-	71,017	-
<b>Net credit exposure</b>	<b>658,033</b>	<b>48,205</b>	<b>639,531</b>	<b>45,391</b>	<b>625,520</b>	<b>46,975</b>	<b>616,402</b>	<b>44,342</b>	<b>613,352</b>	<b>14,358</b>	<b>593,235</b>	<b>13,575</b>	<b>599,624</b>	<b>14,122</b>	<b>588,186</b>	<b>13,831</b>

<sup>1</sup> Gross credit exposure after CVA for financial guarantors, and before allowance for credit losses.

## CREDIT EXPOSURE - GEOGRAPHIC CONCENTRATION <sup>1</sup>

(\$ millions)

	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16
<b>Business and government</b>									
<b>Canada</b>									
Drawn	91,465	85,135	80,338	79,063	75,259	72,212	75,116	74,422	70,482
Undrawn commitments	37,189	36,469	34,823	34,791	36,021	33,465	32,082	32,578	31,863
Repo-style transactions	7,846	8,278	6,962	6,730	8,244	7,748	7,497	4,336	4,430
Other off-balance sheet	58,302	54,903	52,371	51,675	55,082	54,291	54,925	49,518	46,711
OTC derivatives	9,300	8,118	9,133	7,625	11,394	7,973	8,887	8,722	8,424
	<b>204,102</b>	<b>192,903</b>	<b>183,627</b>	<b>179,884</b>	<b>186,000</b>	<b>175,689</b>	<b>178,507</b>	<b>169,576</b>	<b>161,910</b>
<b>United States</b>									
Drawn	41,347	38,552	36,261	41,524	40,900	39,201	38,792	37,999	35,069
Undrawn commitments	7,639	7,562	7,417	7,596	7,403	7,360	7,923	7,937	7,556
Repo-style transactions	3,160	3,138	2,790	2,430	2,299	2,253	1,675	4,181	3,342
Other off-balance sheet	16,749	16,962	19,358	19,971	18,819	19,294	21,077	20,510	19,007
OTC derivatives	6,325	5,926	4,754	4,078	4,364	4,055	3,885	3,077	2,649
	<b>75,220</b>	<b>72,140</b>	<b>70,580</b>	<b>75,599</b>	<b>73,785</b>	<b>72,163</b>	<b>73,352</b>	<b>73,704</b>	<b>67,623</b>
<b>Europe</b>									
Drawn	5,325	4,570	4,683	3,805	3,623	4,189	5,244	4,602	4,497
Undrawn commitments	2,138	2,198	2,133	1,946	2,085	1,791	1,725	1,661	1,674
Repo-style transactions	932	1,889	1,035	1,166	1,232	781	460	572	485
Other off-balance sheet	8,295	5,483	5,900	4,376	6,892	3,715	4,717	4,761	7,052
OTC derivatives	3,562	3,449	3,306	3,282	3,502	3,427	3,687	3,726	3,694
	<b>20,252</b>	<b>17,589</b>	<b>17,057</b>	<b>14,575</b>	<b>17,334</b>	<b>13,903</b>	<b>15,833</b>	<b>15,322</b>	<b>17,402</b>
<b>Other countries</b>									
Drawn	8,357	8,861	8,891	8,398	7,312	8,335	8,425	7,471	7,730
Undrawn commitments	1,323	1,275	1,187	1,013	1,013	862	796	744	917
Repo-style transactions	708	807	640	557	833	395	489	174	224
Other off-balance sheet	582	751	564	535	549	563	491	504	509
OTC derivatives	1,555	2,212	1,984	1,963	1,905	1,794	2,128	2,448	2,262
	<b>12,525</b>	<b>13,906</b>	<b>13,266</b>	<b>12,466</b>	<b>11,612</b>	<b>11,949</b>	<b>12,329</b>	<b>11,341</b>	<b>11,642</b>
	<b>312,099</b>	<b>296,538</b>	<b>284,530</b>	<b>282,524</b>	<b>288,731</b>	<b>273,704</b>	<b>280,021</b>	<b>269,943</b>	<b>258,577</b>

<sup>1</sup> 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 <sup>1</sup>

(\$ millions)

	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16
<b>Business and government portfolios</b>									
<b>Corporate</b>									
Less than 1 year <sup>2</sup>	64,337	61,810	57,008	56,711	60,057	56,518	57,633	55,488	50,532
1 - 3 years	52,742	52,309	50,953	50,325	50,961	47,897	46,676	44,333	42,794
3 - 5 years	37,994	34,340	36,704	34,676	34,822	34,003	36,411	36,344	36,729
Over 5 years	1,723	1,714	1,952	1,818	2,169	1,957	2,108	1,638	1,272
	<b>156,796</b>	<b>150,173</b>	<b>146,617</b>	<b>143,530</b>	<b>148,009</b>	<b>140,375</b>	<b>142,828</b>	<b>137,803</b>	<b>131,327</b>
<b>Sovereign</b>									
Less than 1 year <sup>2</sup>	14,694	15,110	12,181	18,998	14,516	15,532	15,277	14,571	13,966
1 - 3 years	21,222	20,506	20,091	18,926	19,695	17,024	16,886	15,951	15,129
3 - 5 years	24,368	21,070	17,774	16,496	16,883	16,819	20,131	16,302	16,196
Over 5 years	1,349	1,087	1,322	1,213	1,871	1,344	1,504	1,581	1,545
	<b>61,633</b>	<b>57,773</b>	<b>51,368</b>	<b>55,633</b>	<b>52,965</b>	<b>50,719</b>	<b>53,798</b>	<b>48,405</b>	<b>46,836</b>
<b>Banks</b>									
Less than 1 year <sup>2</sup>	77,543	74,797	72,800	70,511	72,948	68,075	69,199	67,043	67,425
1 - 3 years	12,688	10,992	11,227	10,773	12,768	10,212	9,042	8,787	10,504
3 - 5 years	2,534	2,229	1,844	1,611	1,573	4,008	4,627	7,396	1,573
Over 5 years	905	574	674	466	468	315	527	509	912
	<b>93,670</b>	<b>88,592</b>	<b>86,545</b>	<b>83,361</b>	<b>87,757</b>	<b>82,610</b>	<b>83,395</b>	<b>83,735</b>	<b>80,414</b>
<b>Total business and government portfolios</b>	<b>312,099</b>	<b>296,538</b>	<b>284,530</b>	<b>282,524</b>	<b>288,731</b>	<b>273,704</b>	<b>280,021</b>	<b>269,943</b>	<b>258,577</b>
<b>Retail portfolios</b>									
<b>Real estate and secured personal lending</b>									
Less than 1 year <sup>2</sup>	83,307	80,217	77,712	75,496	70,478	68,450	69,027	75,233	75,821
1 - 3 years	100,985	101,537	100,461	98,288	93,231	84,631	78,550	71,028	62,362
3 - 5 years	59,151	60,735	63,138	64,414	66,324	70,175	70,880	71,746	72,266
Over 5 years	1,650	1,066	902	1,073	1,300	1,410	1,498	1,507	1,512
	<b>245,093</b>	<b>243,555</b>	<b>242,213</b>	<b>239,271</b>	<b>231,333</b>	<b>224,666</b>	<b>219,955</b>	<b>219,514</b>	<b>211,961</b>
<b>Qualifying revolving retail</b>									
Less than 1 year <sup>2</sup>	72,368	72,041	71,415	68,616	68,503	69,993	69,056	68,334	67,487
	<b>72,368</b>	<b>72,041</b>	<b>71,415</b>	<b>68,616</b>	<b>68,503</b>	<b>69,993</b>	<b>69,056</b>	<b>68,334</b>	<b>67,487</b>
<b>Other retail</b>									
Less than 1 year <sup>2</sup>	12,363	12,116	12,036	11,754	11,501	11,274	11,242	11,204	11,092
1 - 3 years	183	209	169	174	186	185	180	210	210
3 - 5 years	448	354	295	214	176	148	130	116	109
Over 5 years	1,043	834	688	499	376	264	177	117	86
	<b>14,037</b>	<b>13,513</b>	<b>13,188</b>	<b>12,641</b>	<b>12,239</b>	<b>11,871</b>	<b>11,729</b>	<b>11,647</b>	<b>11,497</b>
<b>Total retail portfolios</b>	<b>331,498</b>	<b>329,109</b>	<b>326,816</b>	<b>320,528</b>	<b>312,075</b>	<b>306,530</b>	<b>300,740</b>	<b>299,495</b>	<b>290,945</b>
<b>Total credit exposure</b>	<b>643,597</b>	<b>625,647</b>	<b>611,346</b>	<b>603,052</b>	<b>600,806</b>	<b>580,234</b>	<b>580,761</b>	<b>569,438</b>	<b>549,522</b>

<sup>1</sup> Excludes securitization exposures.

<sup>2</sup> Demand loans are included in the "Less than 1 year" category.

## CREDIT RISK ASSOCIATED WITH DERIVATIVES

(\$ millions)

	Q2/18			Credit equivalent amount <sup>1</sup>	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	
	Current replacement cost				Risk-weighted amount									
	Trading	ALM	Total											
<b>Interest rate derivatives</b>														
Over-the-counter														
Forward rate agreements	104	-	104	39	2	1	3	1	2	6	2	22	14	
Swap contracts	5,984	826	6,810	4,958	542	563	653	693	759	741	915	1,100	926	
Purchased options	76	9	85	22	11	16	22	17	20	14	13	21	20	
	<b>6,164</b>	<b>835</b>	<b>6,999</b>	<b>5,019</b>	<b>555</b>	<b>580</b>	<b>678</b>	<b>711</b>	<b>781</b>	<b>761</b>	<b>930</b>	<b>1,143</b>	<b>960</b>	
Exchange-traded														
	1	-	1	128	3	1	2	2	2	1	2	1	1	
<b>Total interest rate derivatives</b>	<b>6,165</b>	<b>835</b>	<b>7,000</b>	<b>5,147</b>	<b>558</b>	<b>581</b>	<b>680</b>	<b>713</b>	<b>783</b>	<b>762</b>	<b>932</b>	<b>1,144</b>	<b>961</b>	
<b>Foreign exchange derivatives</b>														
Over-the-counter														
Forward contracts	3,635	46	3,681	3,500	976	1,061	938	970	869	839	900	732	874	
Swap contracts	5,155	1,945	7,100	4,535	861	834	847	784	775	653	673	653	603	
Purchased options	211	-	211	267	68	84	81	107	126	104	123	144	217	
	<b>9,001</b>	<b>1,991</b>	<b>10,992</b>	<b>8,302</b>	<b>1,905</b>	<b>1,979</b>	<b>1,866</b>	<b>1,861</b>	<b>1,770</b>	<b>1,596</b>	<b>1,696</b>	<b>1,529</b>	<b>1,694</b>	
<b>Credit derivatives</b>														
Over-the-counter														
Credit default swap contracts - protection purchased	110	-	110	35	7	8	10	7	4	4	7	8	9	
Credit default swap contracts - protection sold	-	-	-	3	-	-	-	-	-	-	-	-	-	
	<b>110</b>	<b>-</b>	<b>110</b>	<b>38</b>	<b>7</b>	<b>8</b>	<b>10</b>	<b>7</b>	<b>4</b>	<b>4</b>	<b>7</b>	<b>8</b>	<b>9</b>	
<b>Equity derivatives</b>														
Over-the-counter														
	1,232	64	1,296	2,003	504	498	520	479	540	445	379	300	306	
Exchange-traded														
	1,780	-	1,780	4,438	110	101	84	75	70	44	49	45	45	
	<b>3,012</b>	<b>64</b>	<b>3,076</b>	<b>6,441</b>	<b>614</b>	<b>599</b>	<b>604</b>	<b>554</b>	<b>610</b>	<b>489</b>	<b>428</b>	<b>345</b>	<b>351</b>	
<b>Precious metal derivatives</b>														
Over-the-counter														
	35	-	35	50	21	22	19	15	20	28	17	15	10	
Exchange-traded														
	171	-	171	17	1	1	1	1	1	1	-	-	5	
	<b>206</b>	<b>-</b>	<b>206</b>	<b>67</b>	<b>22</b>	<b>23</b>	<b>20</b>	<b>16</b>	<b>21</b>	<b>29</b>	<b>17</b>	<b>15</b>	<b>15</b>	
<b>Other commodity derivatives</b>														
Over-the-counter														
	2,466	-	2,466	3,651	1,388	1,155	902	730	1,054	991	1,025	888	743	
Exchange-traded														
	89	-	89	1,326	50	50	40	33	38	37	39	43	64	
	<b>2,555</b>	<b>-</b>	<b>2,555</b>	<b>4,977</b>	<b>1,438</b>	<b>1,205</b>	<b>942</b>	<b>763</b>	<b>1,092</b>	<b>1,028</b>	<b>1,064</b>	<b>931</b>	<b>807</b>	
<b>Non-trade exposure related to central counterparties</b>														
					210	167	176	145	153	155	286	225	443	
<b>CET1 CVA capital charge</b>					<b>4,346</b>	<b>3,798</b>	<b>3,498</b>	<b>3,264</b>	<b>3,655</b>	<b>3,247</b>	<b>2,977</b>	<b>3,021</b>	<b>2,998</b>	
<b>Total derivatives before netting</b>	<b>21,049</b>	<b>2,890</b>	<b>23,939</b>	<b>24,972</b>	<b>9,100</b>	<b>8,360</b>	<b>7,796</b>	<b>7,323</b>	<b>8,088</b>	<b>7,310</b>	<b>7,407</b>	<b>7,218</b>	<b>7,278</b>	
Less: effect of netting <sup>2</sup>			(13,533)											
<b>Total derivatives</b>			<b>10,406</b>	<b>24,972</b>	<b>9,100</b>	<b>8,360</b>	<b>7,796</b>	<b>7,323</b>	<b>8,088</b>	<b>7,310</b>	<b>7,407</b>	<b>7,218</b>	<b>7,278</b>	

<sup>1</sup> Sum of current replacement cost and potential future exposure, adjusted for the master netting agreements and the impact of collateral amounting to \$5,025 million (Q1/18: \$4,536 million). The collateral comprises cash of \$4,064 million (Q1/18: \$3,851 million) and government securities of \$961 million (Q1/18: \$685 million).

<sup>2</sup> 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) <sup>1, 2</sup>

(\$ millions)

CIBC rating	PD bands	Standard & Poor's equivalent	Moody's Investors Service equivalent	Q2/18						Q1/18							
				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
<b>Corporate</b>																	
<b>Investment grade</b>																	
10	0.03%-0.03%	AAA	Aaa	2,008	142	67	0.02	13	4	73	1,956	6	81	0.02	18	4	74
21	0.03%-0.03%	AA+	Aa1	1,047	39	65	0.04	19	3	32	1,009	246	63	0.04	18	3	30
24	0.04%-0.05%	AA	Aa2	6,047	824	65	0.04	8	2	134	4,895	857	65	0.04	10	2	118
27	0.05%-0.06%	AA-	Aa3	7,526	1,317	64	0.05	13	4	321	5,564	543	65	0.05	12	3	194
31	0.07%-0.09%	A+	A1	4,171	1,258	64	0.08	33	18	730	4,872	1,515	64	0.08	35	18	895
34	0.09%-0.12%	A	A2	7,931	3,996	65	0.10	34	22	1,726	6,760	3,412	65	0.10	33	22	1,480
37	0.13%-0.16%	A-	A3	11,391	5,754	65	0.12	37	28	3,187	11,747	6,573	65	0.13	36	29	3,407
41	0.15%-0.22%	BBB+	Baa1	20,661	10,865	66	0.16	42	35	7,281	20,080	10,964	66	0.17	42	37	7,333
44	0.19%-0.30%	BBB	Baa2	16,478	8,643	66	0.23	41	41	6,780	16,008	8,861	66	0.24	40	41	6,520
47	0.31%-0.38%	BBB-	Baa3	19,771	10,858	67	0.32	37	47	9,255	19,147	10,356	67	0.33	36	46	8,747
				97,031	43,696	66	0.17	34	30	29,519	92,038	43,333	66	0.18	34	31	28,798
<b>Non-investment grade</b>																	
51	0.39%-0.61%	BB+	Ba1	16,057	6,939	49	0.52	34	52	8,281	15,647	6,964	49	0.51	35	51	8,030
54	0.62%-1.09%	BB	Ba2	15,121	6,430	50	0.70	32	52	7,912	14,313	6,412	50	0.70	33	52	7,424
57	1.10%-1.92%	BB-	Ba3	11,531	4,883	51	1.27	32	63	7,271	11,343	4,405	51	1.28	33	65	7,361
61	1.93%-3.69%	B+	B1	9,576	3,852	50	2.17	29	68	6,489	8,967	3,534	51	2.13	30	68	6,138
64	3.70%-7.27%	B	B2	4,424	1,399	56	4.04	34	91	4,012	4,778	1,575	56	4.19	34	92	4,251
67	7.28%-12.11%	B-	B3	899	144	53	8.26	31	108	973	851	184	52	8.29	29	100	848
				57,608	23,647	50	1.38	32	61	34,938	55,899	23,074	51	1.41	33	61	34,052
<b>Watch list</b>																	
70	12.12%-20.67%	CCC+	Caa1	376	94	52	18.35	38	184	692	481	87	53	18.27	41	203	974
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	135	19	53	17.06	61	305	413	78	26	52	16.72	71	331	258
80	20.68%-99.99%	CC to C	Ca	377	73	42	39.67	27	140	527	460	107	43	35.00	26	134	617
				888	186	48	27.20	37	184	1,632	1,019	220	48	25.70	37	182	1,849
<b>Default</b>																	
90	100.00%	D	C	404	52	38	100.00	33	183	739	325	15	36	100.00	41	152	493
				404	52	38	100.00	33	183	739	325	15	36	100.00	41	152	493
				155,931	67,581	60	1.03	33	43	66,828	149,281	66,642	61	1.03	34	44	65,192
<b>Sovereign</b>																	
<b>Investment grade</b>																	
00	0.01%-0.015%	AAA	Aaa	29,125	205	65	0.01	5	1	211	29,142	189	64	0.01	5	1	230
10	0.016%-0.025%	AAA	Aaa	21,107	3,190	63	0.02	9	2	452	18,250	3,097	63	0.02	13	3	526
21	0.016%-0.025%	AA+	Aa1	2,513	1,382	64	0.02	13	2	51	1,887	1,265	63	0.02	14	2	36
24	0.016%-0.025%	AA	Aa2	2,604	750	65	0.02	29	7	187	2,837	756	65	0.02	38	9	260
27	0.026%-0.035%	AA-	Aa3	2,248	1,840	66	0.03	19	3	69	1,716	1,596	66	0.03	14	3	52
31	0.036%-0.05%	A+	A1	826	851	65	0.04	25	8	67	882	785	66	0.04	25	7	64
34	0.06%-0.065%	A	A2	1,284	781	66	0.05	27	15	189	1,120	877	66	0.05	23	11	126
37	0.066%-0.08%	A-	A3	496	430	66	0.08	16	8	40	562	418	66	0.08	20	9	49
41	0.09%-0.16%	BBB+	Baa1	550	301	66	0.14	18	12	65	535	304	66	0.14	18	12	63
44	0.16%-0.26%	BBB	Baa2	150	94	67	0.23	39	37	56	150	63	68	0.24	44	41	61
47	0.27%-0.42%	BBB-	Baa3	111	48	68	0.33	48	47	53	118	41	68	0.34	50	52	61
				61,014	9,872	65	0.02	9	2	1,440	57,199	9,391	65	0.02	11	3	1,528
<b>Non-investment grade</b>																	
51	0.43%-0.61%	BB+	Ba1	518	213	45	0.54	8	10	53	496	216	35	0.53	9	10	51
54	0.62%-1.09%	BB	Ba2	31	12	55	0.74	35	60	19	19	11	55	0.73	32	48	9
57	1.10%-1.92%	BB-	Ba3	33	2	65	1.41	27	53	17	23	3	68	1.40	35	69	16
61	1.93%-3.99%	B+	B1	6	1	67	2.49	20	47	3	7	2	68	2.45	23	54	4
64	4.00%-7.27%	B	B2	30	4	68	6.08	21	65	19	30	3	69	6.00	26	82	24
67	7.28%-12.11%	B-	B3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				618	232	46	0.88	11	18	111	575	235	37	0.88	12	18	104
<b>Watch list</b>																	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Default</b>																	
90	100.00%	D	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-
				61,632	10,104	64	0.03	9	3	1,551	57,774	9,626	64	0.03	11	3	1,632

For footnotes, see page 16.



# CREDIT QUALITY OF AIRB EXPOSURE - BUSINESS AND GOVERNMENT PORTFOLIOS (RISK RATING METHOD) (continued) <sup>1, 2</sup>

(\$ millions)

CIBC rating	Standard & Poor's equivalent	Moody's Investors Service equivalent	Q2/18							Q1/18								
			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		
<b>Banks</b>																		
Investment grade																		
10	0.03%-0.03%	AAA	Aaa	3,137	-	-	0.02	25	9	269	2,725	-	-	0.02	24	8	206	
21	0.03%-0.03%	AA+	Aa1	41	88	-	0.03	20	4	2	55	87	-	0.03	20	6	3	
24	0.04%-0.05%	AA	Aa2	33,682	-	-	0.04	6	1	288	31,969	-	-	0.04	6	1	301	
27	0.05%-0.06%	AA-	Aa3	7,200	-	-	0.05	18	8	579	7,036	-	-	0.05	15	7	459	
31	0.07%-0.09%	A+	A1	20,749	50	65	0.08	24	8	1,742	19,016	50	65	0.08	22	8	1,472	
34	0.09%-0.12%	A	A2	13,650	102	64	0.10	7	4	501	12,883	102	64	0.10	7	4	464	
37	0.13%-0.16%	A-	A3	7,432	285	65	0.12	13	6	466	6,659	285	65	0.13	15	8	524	
41	0.17%-0.22%	BBB+	Baa1	5,394	517	65	0.16	15	10	556	5,144	376	64	0.17	14	10	537	
44	0.23%-0.30%	BBB	Baa2	201	50	65	0.23	6	9	19	502	220	64	0.24	7	7	38	
47	0.31%-0.42%	BBB-	Baa3	875	403	63	0.33	17	19	163	1,048	402	63	0.34	14	15	161	
				92,361	1,495	60	0.07	13	5	4,585	87,037	1,522	60	0.08	12	5	4,165	
Non-investment grade																		
51	0.43%-0.61%	BB+	Ba1	38	106	49	0.54	(36)	(51)	(19)	396	106	49	0.53	(3)	(4)	(16)	
54	0.62%-1.09%	BB	Ba2	268	1	66	0.74	20	28	76	243	1	67	0.73	18	27	66	
57	1.10%-1.92%	BB-	Ba3	124	-	-	1.41	41	95	118	144	-	-	1.40	42	95	136	
61	1.93%-3.99%	B+	B1	291	1	67	2.49	7	18	54	256	-	-	2.45	9	23	60	
64	4.00%-7.27%	B	B2	587	48	50	6.08	13	46	268	512	48	50	6.00	13	47	243	
67	7.28%-12.11%	B-	B3	1	-	-	9.76	40	144	2	1	-	-	9.57	40	144	2	
				1,309	156	49	3.59	14	38	499	1,552	155	49	2.77	12	32	491	
Watch list																		
70	12.12%-20.67%	CCC+	Caa1	-	-	-	-	-	-	-	1	-	-	16.72	40	181	3	
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
80	20.68%-99.99%	CC to C	Ca	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				-	-	-	-	-	-	-	1	-	-	13.51	32	147	3	
Default																		
90	100.00%	D	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				93,670	1,651	59	0.12	13	5	5,084	88,590	1,677	59	0.12	12	5	4,659	
				311,233	79,336	61	0.56	22	24	73,463	295,645	77,945	61	0.56	23	24	71,483	
<b>Commercial mortgages (Slotting approach)</b>																		
Strong				707	29	52	-	-	70	495	743	9	78	-	-	-	70	520
Good				145	-	-	-	-	90	130	122	-	-	-	-	-	90	110
Satisfactory				13	-	-	-	-	115	15	23	-	-	-	-	-	117	27
Weak				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Default				1	-	-	-	-	-	-	5	-	-	-	-	-	-	-
				866	29	52	-	-	74	640	893	9	78	-	-	-	74	657
Total business and government				312,099	79,365	61	-	-	24	74,103	296,538	77,954	61	-	-	-	24	72,140

For footnotes, see page 16.





# CREDIT QUALITY OF AIRB EXPOSURE - BUSINESS AND GOVERNMENT PORTFOLIOS (RISK RATING METHOD) <sup>1, 2</sup>

(\$ millions)

				Q4/17							Q3/17						
CIBC rating	PD bands	Standard & Poor's equivalent	Moody's Investors Service equivalent	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
				<b>Corporate</b>													
<b>Investment grade</b>																	
10	0.03%-0.03%	AAA	Aaa	1,742	16	75	0.02	15	3	49	2,015	16	69	0.02	15	3	57
21	0.03%-0.03%	AA+	Aa1	898	266	63	0.04	24	3	24	875	257	63	0.03	24	3	23
24	0.04%-0.05%	AA	Aa2	4,411	763	65	0.04	11	3	124	4,605	604	67	0.04	12	3	126
27	0.05%-0.06%	AA-	Aa3	5,758	573	65	0.05	13	4	208	5,452	642	64	0.05	12	4	189
31	0.07%-0.09%	A+	A1	4,894	1,541	64	0.08	35	19	936	5,280	1,474	64	0.08	34	18	954
34	0.09%-0.12%	A	A2	7,191	3,251	65	0.10	33	23	1,637	7,045	3,047	65	0.10	35	23	1,629
37	0.13%-0.16%	A-	A3	10,854	6,661	65	0.13	39	31	3,413	10,223	6,233	65	0.13	40	32	3,319
41	0.17%-0.22%	BBB+	Baa1	20,655	10,703	66	0.17	42	38	7,833	20,821	11,693	66	0.17	43	38	7,890
44	0.23%-0.30%	BBB	Baa2	14,935	7,852	66	0.24	41	43	6,471	14,416	7,842	66	0.24	42	44	6,336
47	0.31%-0.42%	BBB-	Baa3	18,199	9,464	67	0.33	37	48	8,658	17,518	8,644	68	0.33	37	48	8,456
				89,537	41,090	66	0.18	35	33	29,353	88,250	40,452	66	0.18	36	33	28,979
<b>Non-investment grade</b>																	
51	0.43%-0.61%	BB+	Ba1	15,382	6,910	50	0.51	35	54	8,250	14,401	7,588	45	0.51	35	55	7,850
54	0.62%-1.09%	BB	Ba2	14,832	6,792	50	0.70	32	54	7,976	14,804	6,854	50	0.70	33	54	8,054
57	1.10%-1.92%	BB-	Ba3	10,805	4,126	51	1.28	33	67	7,246	10,780	4,542	51	1.28	33	68	7,341
61	1.93%-3.99%	B+	B1	8,296	3,573	51	2.12	30	69	5,729	7,403	3,078	52	2.07	30	68	4,998
64	4.00%-7.27%	B	B2	4,262	1,422	56	4.02	32	86	3,649	4,166	1,294	56	3.99	32	85	3,523
67	7.28%-12.11%	B-	B3	921	200	51	8.46	31	106	979	1,038	224	50	8.62	33	122	1,265
				54,498	23,023	51	1.37	33	62	33,829	52,592	23,580	49	1.38	33	63	33,031
<b>Watch list</b>																	
70	12.12%-20.67%	CCC+	Caa1	666	249	48	18.11	41	197	1,313	778	280	48	17.91	38	188	1,465
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	62	4	56	16.72	75	344	212	56	1	55	16.72	82	378	211
80	20.68%-99.99%	CC to C	Ca	443	132	44	34.76	26	137	604	329	112	44	35.44	29	148	487
				1,171	385	47	24.33	37	182	2,129	1,163	393	47	22.81	38	186	2,163
<b>Default</b>																	
90	100.00%	D	C	344	18	40	100.00	38	210	723	411	36	48	100.00	36	228	959
				344	18	40	100.00	38	210	723	411	36	48	100.00	36	228	959
				145,550	64,516	61	1.06	34	45	66,034	142,416	64,461	60	1.10	35	46	65,132
<b>Sovereign</b>																	
<b>Investment grade</b>																	
00	0.01%-0.015%	AAA	Aaa	26,433	189	64	0.01	5	1	202	32,367	189	64	0.01	5	1	204
10	0.016%-0.025%	AAA	Aaa	15,904	2,927	63	0.02	13	3	456	14,342	2,949	63	0.02	13	3	416
21	0.016%-0.025%	AA+	Aa1	1,388	783	63	0.02	18	2	34	1,343	772	63	0.02	18	3	34
24	0.016%-0.025%	AA	Aa2	2,339	533	65	0.02	41	7	171	2,238	586	65	0.02	38	6	143
27	0.026%-0.035%	AA-	Aa3	1,571	1,503	66	0.03	15	4	63	1,493	1,580	66	0.03	17	5	70
31	0.036%-0.05%	A+	A1	950	915	66	0.04	20	6	59	1,059	983	66	0.04	21	7	72
34	0.06%-0.065%	A	A2	938	909	66	0.05	18	7	68	938	835	66	0.05	19	7	69
37	0.066%-0.08%	A-	A3	432	431	66	0.08	16	11	47	489	502	66	0.08	17	10	50
41	0.09%-0.16%	BBB+	Baa1	576	299	66	0.14	18	12	70	523	249	66	0.14	19	12	62
44	0.16%-0.26%	BBB	Baa2	148	65	68	0.24	43	42	62	142	58	69	0.24	45	40	57
47	0.27%-0.42%	BBB-	Baa3	119	42	68	0.34	48	53	63	60	40	69	0.34	53	54	32
				50,798	8,596	65	0.02	11	3	1,295	54,994	8,743	65	0.02	10	2	1,209
<b>Non-investment grade</b>																	
51	0.43%-0.61%	BB+	Ba1	514	194	33	0.53	9	11	55	559	179	36	0.53	10	12	65
54	0.62%-1.09%	BB	Ba2	14	13	54	0.73	38	60	8	38	13	52	0.73	43	74	28
57	1.10%-1.92%	BB-	Ba3	11	3	58	1.40	55	115	12	8	3	58	1.40	44	97	8
61	1.93%-3.99%	B+	B1	10	2	69	2.45	16	37	4	12	2	68	2.45	14	31	4
64	4.00%-7.27%	B	B2	18	1	66	6.00	27	86	16	18	1	69	6.00	30	100	19
67	7.28%-12.11%	B-	B3	1	-	-	9.57	90	437	5	2	-	-	9.57	74	353	6
				568	213	35	0.78	12	18	100	637	198	38	0.77	13	20	130
<b>Watch list</b>																	
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	-	-	-	-	-	-	-	2	3	69	16.72	25	118	2
80	20.68%-99.99%	CC to C	Ca	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				2	3	69	16.72	25	118	2	2	3	69	16.72	25	118	2
<b>Default</b>																	
90	100.00%	D	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-
				51,368	8,812	64	0.03	11	3	1,397	55,633	8,944	64	0.03	10	2	1,341

For footnotes, see page 16.



# CREDIT QUALITY OF AIRB EXPOSURE - BUSINESS AND GOVERNMENT PORTFOLIOS (RISK RATING METHOD) (continued) <sup>1, 2</sup>

(\$ millions)

CIBC rating	Standard & Poor's & Moody's Investors Service	Moody's Investors Service equivalent	Q4/17								Q3/17							
			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		
																	PD bands	
<b>Banks</b>																		
Investment grade																		
10	0.03%-0.03%	AAA	Aaa	2,724	-	-	0.02	22	5	122	2,242	-	-	0.02	21	5	115	
21	0.03%-0.03%	AA+	Aa1	44	86	-	0.03	28	8	4	44	82	-	0.03	26	7	3	
24	0.04%-0.05%	AA	Aa2	36,085	-	-	0.04	7	1	401	34,617	-	-	0.04	7	1	398	
27	0.05%-0.06%	AA-	Aa3	2,709	-	-	0.05	26	11	275	5,568	-	-	0.05	15	6	330	
31	0.07%-0.09%	A+	A1	16,683	50	65	0.08	22	8	1,358	12,682	49	65	0.08	25	9	1,144	
34	0.09%-0.12%	A	A2	14,419	62	69	0.10	6	3	461	13,967	67	64	0.10	6	3	462	
37	0.13%-0.16%	A-	A3	7,079	330	63	0.13	16	9	603	6,692	431	63	0.13	15	8	557	
41	0.17%-0.22%	BBB+	Baa1	4,542	341	65	0.17	16	12	544	5,149	115	68	0.17	15	11	569	
44	0.23%-0.30%	BBB	Baa2	516	145	68	0.24	10	10	50	932	516	64	0.24	11	10	93	
47	0.31%-0.42%	BBB-	Baa3	586	300	63	0.34	16	17	98	387	302	63	0.34	13	14	55	
				85,387	1,314	60	0.08	12	5	3,916	82,280	1,562	61	0.08	12	5	3,726	
Non-investment grade																		
51	0.43%-0.61%	BB+	Ba1	35	53	42	0.53	44	53	6	119	76	46	0.53	9	22	26	
54	0.62%-1.09%	BB	Ba2	396	46	50	0.73	12	18	70	316	-	-	0.73	12	19	59	
57	1.10%-1.92%	BB-	Ba3	75	-	-	1.40	33	76	57	49	4	32	1.40	32	80	39	
61	1.93%-3.99%	B+	B1	210	1	69	2.45	10	25	52	309	1	68	2.45	8	19	60	
64	4.00%-7.27%	B	B2	443	-	-	6.00	12	44	196	303	-	-	6.00	16	59	179	
67	7.28%-12.11%	B-	B3	1	-	-	9.57	40	144	1	-	-	-	-	-	-	-	
				1,160	100	46	3.10	11	31	382	1,096	81	46	2.85	13	33	363	
Watch list																		
70	12.12%-20.67%	CCC+	Caa1	-	-	-	-	-	-	-	10	-	-	16.72	16	82	8	
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
80	20.68%-99.99%	CC to C	Ca	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				-	-	-	-	-	-	-	10	-	-	16.72	15	80	8	
Default																		
90	100.00%	D	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				86,547	1,414	59	0.12	12	5	4,298	83,386	1,643	60	0.11	12	5	4,097	
				283,465	74,742	61	0.58	23	25	71,729	281,435	75,048	60	0.59	23	25	70,570	
<b>Commercial mortgages (Slotting approach)</b>																		
Strong				899	43	56	-	-	70	629	943	108	52	-	-	70	660	
Good				131	-	-	-	-	90	118	98	4	50	-	-	90	88	
Satisfactory				30	15	60	-	-	117	35	43	15	60	-	-	114	49	
Weak				-	-	-	-	-	-	-	1	-	-	-	-	200	2	
Default				5	-	-	-	-	-	-	4	-	-	-	-	-	-	
				1,065	58	57	-	-	73	782	1,089	127	53	-	-	73	799	
Total business and government				284,530	74,800	61	-	-	26	72,511	282,524	75,175	60	-	-	25	71,369	

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

<sup>2</sup> 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 second quarter report to shareholders for additional details.

# CREDIT QUALITY OF AIRB EXPOSURE - RETAIL PORTFOLIOS <sup>1, 2</sup>

(\$ millions)

	PD bands	Q2/18							Expected losses	Expected losses adjusted average risk weight % <sup>3</sup>
		EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA		
<b>Canadian residential mortgages and HELOCs</b>										
<b>Insured Drawn and Undrawn <sup>4</sup></b>										
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
<b>Uninsured Undrawn <sup>5</sup></b>										
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
<b>Uninsured Drawn <sup>5</sup></b>										
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
<b>Qualifying revolving credit</b>										
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
<b>Other retail</b>										
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 <sup>1, 2</sup>

(\$ millions)

		Q1/18									
		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 % <sup>3</sup>	
<b>Canadian residential mortgages and HELOCs</b>											
<b>Insured Drawn and Undrawn <sup>4</sup></b>											
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	-	
<b>Uninsured Undrawn <sup>5</sup></b>											
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	
<b>Uninsured Drawn <sup>5</sup></b>											
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	
<b>Qualifying revolving credit</b>											
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	
<b>Other retail</b>											
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 <sup>1,2</sup>

(\$ millions)

	PD bands	Q4/17							Expected losses	Expected losses adjusted average risk weight % <sup>3</sup>
		EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA		
<b>Canadian residential mortgages and HELOCs</b>										
<b>Insured Drawn and Undrawn <sup>4</sup></b>										
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
<b>Uninsured Undrawn <sup>5</sup></b>										
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
<b>Uninsured Drawn <sup>5</sup></b>										
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
<b>Qualifying revolving credit</b>										
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
<b>Other retail</b>										
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

For footnotes, see page 20.



# CREDIT QUALITY OF AIRB EXPOSURE - RETAIL PORTFOLIOS <sup>1,2</sup>

(\$ millions)

		Q3/17							Expected losses adjusted average risk weight % <sup>3</sup>	
		EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA		
<b>Canadian residential mortgages and HELOCs</b>										
<b>Insured Drawn and Undrawn<sup>4</sup></b>		<b>PD bands</b>								
Exceptionally low	0.01% - 0.10%	89,986	-	-	0.01	5	1	836	1	1
	0.11% - 0.20%	368	-	-	0.18	22	21	76	-	21
Very low	0.21% - 0.35%	715	-	-	0.25	19	21	148	-	21
	0.36% - 0.50%	1	-	-	0.47	16	24	-	-	25
Low	0.51% - 1.00%	77	-	-	0.53	21	33	26	-	35
		91,147	-	-	0.01	5	1	1,086	1	1
<b>Uninsured Undrawn<sup>5</sup></b>										
Exceptionally low	0.01% - 0.10%	12,999	43,718	30	0.04	31	3	440	2	4
	0.11% - 0.20%	6,052	6,884	88	0.14	24	7	453	2	8
Very low	0.21% - 0.35%	400	1,196	33	0.34	35	21	84	-	22
	0.36% - 0.50%	-	-	-	-	-	-	-	-	-
Low	0.51% - 1.00%	311	1,032	30	0.53	31	26	79	1	28
	1.01% - 2.00%	165	507	32	1.16	35	48	79	1	53
Medium	2.01% - 5.00%	30	77	39	4.36	38	115	34	-	135
	5.01% - 10.00%	-	-	-	-	-	-	-	-	-
High	10.01% - 99.99%	11	30	36	26.84	38	218	23	1	344
Default	100.00%	-	-	-	-	-	-	-	-	-
		19,968	53,444	37	0.11	29	6	1,192	7	6
<b>Uninsured Drawn<sup>5</sup></b>										
Exceptionally low	0.01% - 0.10%	67,817	n/a	n/a	0.06	20	3	2,097	8	3
	0.11% - 0.20%	14,079	n/a	n/a	0.18	23	9	1,205	6	9
Very low	0.21% - 0.35%	21,237	n/a	n/a	0.31	18	10	2,202	12	11
	0.36% - 0.50%	300	n/a	n/a	0.44	21	15	44	-	16
Low	0.51% - 1.00%	6,299	n/a	n/a	0.77	24	25	1,571	12	27
	1.01% - 2.00%	14,595	n/a	n/a	1.26	18	26	3,781	33	29
Medium	2.01% - 5.00%	3,149	n/a	n/a	3.68	21	59	1,848	24	68
	5.01% - 10.00%	34	n/a	n/a	7.35	19	73	25	-	90
High	10.01% - 99.99%	422	n/a	n/a	32.93	22	121	511	30	209
Default	100.00%	224	n/a	n/a	100.00	24	40	90	64	396
		128,156	n/a	n/a	0.66	20	10	13,374	189	12
<b>Qualifying revolving credit</b>										
Exceptionally low	0.01% - 0.10%	28,879	34,945	75	0.04	91	3	741	11	3
	0.11% - 0.20%	8,187	9,184	68	0.14	86	7	561	10	8
Very low	0.21% - 0.35%	5,672	5,272	76	0.27	83	11	638	13	14
	0.36% - 0.50%	3,811	3,935	58	0.41	88	17	643	14	21
Low	0.51% - 1.00%	5,465	4,414	59	0.77	83	26	1,425	35	34
	1.01% - 2.00%	7,020	3,957	66	1.42	89	44	3,084	88	60
Medium	2.01% - 5.00%	6,496	2,936	64	3.06	86	75	4,859	172	108
	5.01% - 10.00%	1,600	371	69	7.21	82	125	1,999	95	199
High	10.01% - 99.99%	1,445	550	89	27.49	86	201	2,901	342	497
Default	100.00%	41	-	-	100.00	83	195	80	32	1,161
		68,616	65,564	71	1.38	88	25	16,931	812	39
<b>Other retail</b>										
Exceptionally low	0.01% - 0.10%	3,068	1,505	67	0.08	36	7	210	1	7
	0.11% - 0.20%	173	152	69	0.12	85	24	41	-	25
Very low	0.21% - 0.35%	1,157	623	48	0.29	79	41	476	3	44
	0.36% - 0.50%	243	239	47	0.42	84	54	132	1	59
Low	0.51% - 1.00%	1,180	476	49	0.67	74	63	739	6	69
	1.01% - 2.00%	3,057	147	57	1.40	84	96	2,933	36	110
Medium	2.01% - 5.00%	2,424	114	61	3.08	66	92	2,237	52	119
	5.01% - 10.00%	513	80	66	7.11	82	127	653	30	201
High	10.01% - 99.99%	773	301	61	44.47	41	83	643	87	226
Default	100.00%	53	-	-	100.00	79	435	232	30	1,137
		12,641	3,637	59	4.48	65	66	8,296	246	90
		320,528	122,645	56	0.75	33	13	40,879	1,255	18

<sup>1</sup> 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.

<sup>2</sup> 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 second quarter report to shareholders for additional details.

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

<sup>4</sup> 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.

<sup>5</sup> Comprises both residential mortgages and HELOCs.

n/a Not applicable.



## AIRB CREDIT RISK EXPOSURE - LOSS EXPERIENCE

	Q2/18		Q1/18		Q4/17		Q3/17	
	Expected loss rate % <sup>1</sup>	Actual loss rate % <sup>1</sup>	Expected loss rate % <sup>1</sup>	Actual loss rate % <sup>1</sup>	Expected loss rate % <sup>1</sup>	Actual loss rate % <sup>1</sup>	Expected loss rate % <sup>1</sup>	Actual loss rate % <sup>1</sup>
<b>Business and government portfolios</b>								
Corporate	0.58	0.05	0.62	0.05	0.62	0.05	0.62	0.06
Sovereign	0.01	-	0.01	-	0.01	-	0.01	-
Banks	0.13	-	0.15	-	0.12	-	0.17	-
<b>Retail portfolios</b>								
Real estate secured personal lending	0.09	0.01	0.09	0.01	0.08	0.01	0.08	0.01
Qualifying revolving retail	3.77	2.80	4.05	2.81	4.03	2.88	4.02	2.96
Other retail	2.40	0.88	2.48	0.94	2.44	0.96	2.44	0.99

	Q2/17		Q1/17		Q4/16		Q3/16	
	Expected loss rate % <sup>1</sup>	Actual loss rate % <sup>1</sup>	Expected loss rate % <sup>1</sup>	Actual loss rate % <sup>1</sup>	Expected loss rate % <sup>1</sup>	Actual loss rate % <sup>1</sup>	Expected loss rate % <sup>1</sup>	Actual loss rate % <sup>1</sup>
<b>Business and government portfolios</b>								
Corporate	0.62	0.11	0.67	0.24	0.57	0.29	0.56	0.31
Sovereign	0.02	-	0.01	-	0.01	-	0.01	-
Banks	0.15	-	0.12	-	0.13	-	0.12	-
<b>Retail portfolios</b>								
Real estate secured personal lending	0.08	0.01	0.08	0.01	0.07	0.01	0.07	0.01
Qualifying revolving retail	4.01	3.05	3.97	3.05	3.68	2.97	3.66	2.86
Other retail	2.46	1.02	2.41	1.06	2.38	1.07	2.21	1.04

<sup>1</sup> 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 <sup>1</sup>

(\$ millions)

	Q2/18					Total	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16
	Drawn	Undrawn commitments	Repo-style transactions	Other off-balance sheet	OTC derivatives									
Commercial mortgages	851	15	-	-	-	866	893	1,065	1,088	1,200	1,406	1,694	2,126	2,617
Financial institutions	37,181	5,075	11,339	76,374	12,949	142,918	136,990	129,106	131,342	135,655	131,665	134,727	126,294	120,458
Retail and wholesale	5,010	2,671	-	265	89	8,035	7,845	7,532	7,335	7,285	7,187	6,967	7,001	7,016
Business services	7,221	2,483	7	654	54	10,419	10,038	9,769	9,739	9,046	8,860	8,682	8,308	8,183
Manufacturing - capital goods	2,637	2,084	-	453	84	5,258	4,832	4,694	4,678	4,817	4,616	4,651	4,783	4,763
Manufacturing - consumer goods	3,404	1,403	-	231	29	5,067	4,926	4,909	4,886	4,875	4,566	4,546	4,705	4,621
Real estate and construction	29,659	7,196	76	979	63	37,973	36,377	36,067	36,811	36,964	34,817	34,549	33,616	30,896
Agriculture	5,654	1,500	-	22	45	7,221	7,064	6,936	6,826	6,886	6,692	6,582	6,749	6,590
Oil and gas	7,593	7,896	-	970	2,797	19,256	18,572	18,104	17,330	17,431	16,762	17,655	17,185	16,497
Mining	1,554	3,130	-	694	115	5,493	5,049	5,253	4,945	4,934	4,782	5,104	4,800	4,725
Forest products	496	430	-	149	10	1,085	1,074	1,083	1,040	1,096	1,091	1,072	1,196	1,207
Hardware and software	749	429	-	35	9	1,222	1,344	1,420	1,286	1,213	1,125	1,108	1,198	1,346
Telecommunications and cable	1,079	1,029	-	428	149	2,685	2,665	2,850	2,799	2,324	2,058	2,040	2,138	2,126
Broadcasting, publishing, and printing	352	247	-	-	6	605	551	504	525	636	872	889	899	884
Transportation	3,759	2,092	-	445	614	6,910	6,767	6,729	6,649	6,277	5,891	5,867	5,731	5,254
Utilities	4,255	5,202	-	1,867	660	11,984	11,717	12,062	11,721	12,991	11,670	11,197	11,435	11,725
Education, health, and social services	2,564	988	21	96	136	3,805	3,761	3,921	3,712	3,946	3,699	3,624	3,699	3,573
Governments	32,476	4,419	1,203	266	2,933	41,297	36,073	32,526	29,812	31,155	25,945	29,067	28,080	26,096
	<b>146,494</b>	<b>48,289</b>	<b>12,646</b>	<b>83,928</b>	<b>20,742</b>	<b>312,099</b>	296,538	284,530	282,524	288,731	273,704	280,021	269,943	258,577

<sup>1</sup> 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%	
<b>Q2/18</b>								
Corporate	-	-	-	-	-	29,935	13	29,948
Sovereign	6,552	4,203	-	121	-	586	32	11,494
Banks	-	1,789	-	132	-	250	-	2,171
Real estate secured personal lending	-	17	-	-	3,298	103	8	3,426
Other retail	-	-	-	-	1,132	28	6	1,166
	<b>6,552</b>	<b>6,009</b>	<b>-</b>	<b>253</b>	<b>4,430</b>	<b>30,902</b>	<b>59</b>	<b>48,205</b>
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
Q2/16	3,570	1,799	-	366	2,863	4,087	440	13,125

## EXPOSURE COVERED BY GUARANTEES AND CREDIT DERIVATIVES <sup>1</sup>

(\$ millions)

	Q2/18			Q1/18			Q4/17			Q3/17		
	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	9,678	1,305	4,334	9,142	1,055	3,133	9,136	871	2,723	8,628	950	3,154
Sovereign	16	7,747	-	97	8,402	-	17	7,934	-	17	8,389	-
Banks	28	3,050	34,461	28	2,525	32,609	-	2,633	32,960	-	2,051	32,550
Real estate secured personal lending	2,225	81,162	-	2,285	83,906	-	2,301	86,663	-	2,339	88,810	-
Other retail	-	8	-	-	9	-	-	10	-	-	11	-
	<b>11,947</b>	<b>93,272</b>	<b>38,795</b>	<b>11,552</b>	<b>95,897</b>	<b>35,742</b>	<b>11,454</b>	<b>98,111</b>	<b>35,683</b>	<b>10,984</b>	<b>100,211</b>	<b>35,704</b>

	Q2/17			Q1/17			Q4/16			Q3/16		
	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	9,000	2,385	3,949	8,985	988	4,142	8,433	1,078	5,328	7,833	1,071	3,810
Sovereign	18	9,026	-	111	9,243	-	113	10,091	-	114	6,226	-
Banks	-	1,633	33,312	-	1,675	31,469	-	1,810	32,633	-	5,086	31,589
Real estate secured personal lending	2,352	92,225	-	2,210	92,235	-	2,215	95,242	-	2,210	97,656	-
Other retail	-	12	-	-	13	-	-	14	-	-	16	-
	<b>11,370</b>	<b>105,281</b>	<b>37,261</b>	<b>11,306</b>	<b>104,154</b>	<b>35,611</b>	<b>10,761</b>	<b>108,235</b>	<b>37,961</b>	<b>10,157</b>	<b>110,055</b>	<b>35,399</b>

## EXPOSURE SECURITIZED AS ORIGINATOR <sup>2</sup>

(\$ millions)

	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16
	Total	Total	Total	Total	Total	Total	Total	Total	Total
<b>Commercial mortgages</b>									
Securitized	-	-	-	-	7	63	156	194	209
Sold	-	-	-	-	7	63	156	194	209

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

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

## BANK SPONSORED MULTI-SELLER CONDUITS EXPOSURE

(\$ millions)

	Q2/18	Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16
	Asset amount								
Canadian residential mortgages	1,402	1,324	946	665	502	589	546	593	-
Auto and fleet leases	1,652	875	1,064	1,106	1,178	1,248	1,070	1,147	1,223
Auto loans	827	956	1,075	1,200	809	911	1,054	577	677
Franchise loans	421	394	454	489	477	449	468	470	461
Credit cards	650	495	720	720	720	875	875	725	710
Equipment leases/loans	1,603	1,775	1,391	1,215	1,118	1,257	1,364	1,218	1,186
Legislated utility cost recovery	5	244	-	-	-	-	-	-	-
Dealer floorplan	350	350	-	155	55	55	55	55	55
	<b>6,910</b>	<b>6,413</b>	<b>5,650</b>	<b>5,550</b>	<b>4,859</b>	<b>5,384</b>	<b>5,432</b>	<b>4,785</b>	<b>4,312</b>
Impaired and other past due loans <sup>1</sup>	17	18	18	17	20	19	18	17	18

## TOTAL SECURITIZATION EXPOSURES (IRB APPROACH)

(\$ millions)

	Q2/18				Q1/18	Q4/17	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16
	Investments and loans	Undrawn liquidity and credit facilities	Written credit derivatives	Total exposure	Of which resecuritization exposure <sup>2</sup>		Total Exposure					
<b>Non-Trading</b>												
<u>Third party securitized assets</u> <sup>3</sup>												
CIBC sponsored conduits and structured vehicles	974	9,213	-	10,187	-							
Third party structured vehicles	2,345	1,872	32	4,249	37	4,188	4,831	4,691	4,975	5,105	10,942	11,400
<b>Trading</b> <sup>4</sup>	228	-	-	228	-	163	157	156	109	146	125	155
<b>Total EAD</b>	<b>3,547</b>	<b>11,085</b>	<b>32</b>	<b>14,664</b>	<b>37</b>	<b>14,047</b>	<b>14,331</b>	<b>13,506</b>	<b>12,655</b>	<b>13,147</b>	<b>18,988</b>	<b>18,903</b>

<sup>1</sup> 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.

<sup>2</sup> Resecuritization exposure comprises \$5 million (Q1/18: \$5 million) of investments and loans, nil (Q1/18: nil) of undrawn credit facilities and \$32 million (Q1/18: \$25 million) of written credit derivatives.

<sup>3</sup> 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.

<sup>4</sup> Comprises asset-backed securities.

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

(\$ millions)

	Q2/18						Q1/18					
	EAD <sup>1</sup>		RWA		Capital charge		EAD <sup>1</sup>		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
<b>Trading</b>												
Ratings-based approach												
AAA to BBB-	228	-	32	-	3	-	163	-	16	-	1	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total trading</b>	<b>228</b>	<b>-</b>	<b>32</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>163</b>	<b>-</b>	<b>16</b>	<b>-</b>	<b>1</b>	<b>-</b>
<b>Non-trading</b>												
Ratings-based approach												
AAA to BBB-	3,264	-	249	-	20	-	3,419	-	250	-	20	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	13	-	161	-	13	-	12	-	154	-	12	-
	3,277	-	410	-	33	-	3,431	-	404	-	32	-
Internal assessment approach												
AAA to BBB-	8,715	-	610	-	49	-	8,098	-	567	-	45	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
	8,715	-	610	-	49	-	8,098	-	567	-	45	-
Supervisory formula approach	2,407	32	171	65	14	5	2,325	25	203	102	16	8
Unrated exposure <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	-	-
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total non-trading</b>	<b>14,399</b>	<b>32</b>	<b>1,191</b>	<b>65</b>	<b>96</b>	<b>5</b>	<b>13,854</b>	<b>25</b>	<b>1,174</b>	<b>102</b>	<b>93</b>	<b>8</b>
<b>Total exposure</b>	<b>14,627</b>	<b>32</b>	<b>1,223</b>	<b>65</b>	<b>99</b>	<b>5</b>	<b>14,017</b>	<b>25</b>	<b>1,190</b>	<b>102</b>	<b>94</b>	<b>8</b>

(\$ millions)

	Q4/17						Q3/17					
	EAD <sup>1</sup>		RWA		Capital charge		EAD <sup>1</sup>		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
<b>Trading</b>												
Ratings-based approach												
AAA to BBB-	156	-	16	-	1	-	156	-	22	-	2	-
Unrated exposure	1	-	11	-	1	-	-	-	-	-	-	-
<b>Total trading</b>	<b>157</b>	<b>-</b>	<b>27</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>156</b>	<b>-</b>	<b>22</b>	<b>-</b>	<b>2</b>	<b>-</b>
<b>Non-trading</b>												
Ratings-based approach												
AAA to BBB-	3,802	-	271	-	22	-	3,298	19	236	8	19	1
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	13	-	161	-	13	-	12	-	156	-	12	-
	3,815	-	432	-	35	-	3,310	19	392	8	31	1
Internal assessment approach												
AAA to BBB-	7,394	-	518	-	41	-	6,957	-	487	-	40	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
	7,394	-	518	-	41	-	6,957	-	487	-	40	-
Supervisory formula approach	2,928	32	281	110	22	9	3,026	33	281	128	22	10
Unrated exposure <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	-	-
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total non-trading</b>	<b>14,137</b>	<b>32</b>	<b>1,231</b>	<b>110</b>	<b>98</b>	<b>9</b>	<b>13,293</b>	<b>52</b>	<b>1,160</b>	<b>136</b>	<b>93</b>	<b>11</b>
<b>Total exposure</b>	<b>14,294</b>	<b>32</b>	<b>1,258</b>	<b>110</b>	<b>100</b>	<b>9</b>	<b>13,449</b>	<b>52</b>	<b>1,182</b>	<b>136</b>	<b>95</b>	<b>11</b>

For footnotes, see next page.



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

(\$ millions)	Q2/17						Q1/17					
	EAD <sup>1</sup>		RWA		Capital charge		EAD <sup>1</sup>		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
<b>Trading</b>												
Ratings-based approach												
AAA to BBB-	109	-	14	-	1	-	146	-	14	-	1	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total trading</b>	109	-	14	-	1	-	146	-	14	-	1	-
<b>Non-trading</b>												
Ratings-based approach												
AAA to BBB-	2,950	74	213	30	17	2	3,136	102	235	41	19	3
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	14	-	171	-	14	-	13	-	163	-	13	-
Internal assessment approach												
AAA to BBB-	6,771	-	474	-	38	-	7,110	-	498	-	40	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Supervisory formula approach												
Unrated exposure <sup>2</sup>	2,694	38	300	152	24	12	2,595	37	343	118	28	9
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total non-trading</b>	12,429	112	1,158	182	93	14	12,854	139	1,239	159	100	12
<b>Total exposure</b>	12,538	112	1,172	182	94	14	13,000	139	1,253	159	101	12

(\$ millions)	Q4/16						Q3/16					
	EAD <sup>1</sup>		RWA		Capital charge		EAD <sup>1</sup>		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
<b>Trading</b>												
Ratings-based approach												
AAA to BBB-	125	-	12	-	1	-	155	-	15	-	1	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total trading</b>	125	-	12	-	1	-	155	-	15	-	1	-
<b>Non-trading</b>												
Ratings-based approach												
AAA to BBB-	3,662	373	272	238	22	19	4,118	540	305	317	24	25
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	13	-	168	-	13	-	13	-	163	-	13	-
Internal assessment approach												
AAA to BBB-	7,192	-	523	-	42	-	6,375	-	446	-	36	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Supervisory formula approach												
Unrated exposure <sup>2</sup>	7,323	44	811	206	65	16	7,410	46	868	191	70	15
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total non-trading</b>	18,190	417	1,774	444	142	35	17,916	586	1,782	508	143	40
<b>Total exposure</b>	18,315	417	1,786	444	143	35	18,071	586	1,797	508	144	40

<sup>1</sup> Net of financial collateral of \$5 million (Q1/18: \$5 million) for resecuritization exposures.  
<sup>2</sup> 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.