



## **Supplementary Regulatory Capital Disclosure**

For the period ended  
July 31, 2016

For further information, please contact:

John Ferren, Senior Vice-President, Corporate CFO and Investor Relations (416) 980-2088

Jason Patchett, Senior Director, Investor Relations (416) 980-8691

## REGULATORY CAPITAL - TABLE OF CONTENTS

This document is unaudited and should be read in conjunction with our quarterly report to shareholders and news release for Q3/16, and our 2015 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**

<p>Regulatory Capital and Ratios - Basel III (All-in basis) ..... 1</p> <p>Reconciliation of Capital (All-in basis) to Consolidated Regulatory Balance Sheet ..... 3</p> <p>Regulatory Capital and Ratios - Basel III (Transitional basis) ..... 4</p> <p>Changes in Regulatory Capital - Basel III (All-in basis) ..... 5</p> <p>Basel III Leverage Ratio ..... 6</p> <p>Risk-Weighted Assets (RWA) - Basel III (All-in basis) ..... 7</p> <p>Changes in Common Equity Tier 1 (CET1) RWA - Basel III (All-in basis) ..... 8</p> <p>Credit Exposure (Exposure at default) ..... 9</p> <p>Credit Exposure - Geographic Concentration ..... 10</p> <p>Credit Exposure - Maturity Profile ..... 11</p> <p>Credit Risk Associated with Derivatives ..... 12</p> <p>Credit Quality of Advanced internal ratings-based (AIRB) Exposure - Business and Government Portfolios (Risk Rating Method) ..... 13</p>	<p>Credit Quality of AIRB Exposure - Retail Portfolios ..... 17</p> <p>AIRB Credit Risk Exposure - Loss Experience ..... 21</p> <p>AIRB Credit Risk Exposure - Back-Testing ..... 22</p> <p>Business and Government AIRB Exposures by Industry Groups ..... 23</p> <p>Exposure at Default (EAD) under the Standardized Approach ..... 24</p> <p>Exposure Covered by Guarantees and Credit Derivatives ..... 25</p> <p>Exposures Securitized as Originator ..... 25</p> <p>Bank Sponsored Multi-Seller Conduits Exposure ..... 26</p> <p>Total Securitization Exposures - Internal ratings based (IRB) Approach ..... 26</p> <p>Securitization Exposures - Risk Weighted Assets and Capital Charges (IRB Approach) ..... 27</p> <p>Basel - Glossary ..... 29</p>
---	---



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

(\$ millions)

Row <sup>2</sup>	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14
	<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	7,879	7,864	7,861	7,889	7,879	7,880	7,870	7,857	7,836
2 Retained earnings	13,145	12,197	11,785	11,433	11,119	10,590	10,121	9,626	9,258
3 Accumulated other comprehensive income (and other reserves)	509	522	1,124	1,038	871	233	274	105	(18)
5 Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)	101	97	109	94	95	86	90	82	79
<b>Common Equity Tier 1 capital before regulatory adjustments</b>	<b>21,634</b>	<b>20,680</b>	<b>20,879</b>	<b>20,454</b>	<b>19,964</b>	<b>18,789</b>	<b>18,355</b>	<b>17,670</b>	<b>17,155</b>
<b>Common Equity Tier 1 capital: regulatory adjustments</b>									
7 Prudential valuation adjustments	68	63	59	50	56	51	60	52	52
8 Goodwill (net of related tax liabilities)	1,449	1,785	1,887	1,824	1,826	1,655	1,683	1,627	1,613
9 Other intangibles other than mortgage-servicing rights (net of related tax liabilities)	1,214	1,166	1,149	1,080	1,039	974	930	862	826
10 Deferred tax assets excluding those arising from temporary differences (net of related tax liabilities)	56	99	117	62	60	60	71	73	64
11 Cash flow hedge reserve	26	18	15	22	16	14	(1)	26	26
12 Shortfall of allowances to expected losses	256	193	213	121	73	-	-	28	27
14 Gain and losses due to changes in own credit risk on fair valued liabilities	101	72	109	81	71	67	53	45	60
15 Defined benefit pension fund net assets (net of related tax liabilities)	115	110	124	385	234	100	95	86	113
16 Investments in own shares (if not already netted off paid-in capital on reported balance sheet)	4	9	9	-	1	2	2	-	20
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)	-	-	-	-	-	-	241	264	201
22 Amount exceeding the 15% threshold	-	-	-	-	-	-	188	-	-
23 of which: significant investments in the common stock of financials	-	-	-	-	-	-	119	-	-
25 of which: deferred tax assets arising from temporary differences	-	-	-	-	-	-	69	-	-
<b>Total regulatory adjustments to Common Equity Tier 1</b>	<b>3,289</b>	<b>3,515</b>	<b>3,682</b>	<b>3,625</b>	<b>3,376</b>	<b>2,923</b>	<b>3,322</b>	<b>3,063</b>	<b>3,002</b>
<b>Common Equity Tier 1 capital (CET1)</b>	<b>18,345</b>	<b>17,165</b>	<b>17,197</b>	<b>16,829</b>	<b>16,588</b>	<b>15,866</b>	<b>15,033</b>	<b>14,607</b>	<b>14,153</b>
<b>Additional Tier 1 (AT1) capital: instruments</b>									
30 Directly issued qualifying Additional Tier 1 instruments plus related stock surplus <sup>5</sup>	1,000	1,000	1,000	1,000	1,000	1,000	1,031	1,031	1,281
31 of which: classified as equity under applicable accounting standards	1,000	1,000	1,000	1,000	1,000	1,000	1,031	1,031	1,281
33 Directly issued capital instruments subject to phase out from Additional Tier 1	1,504	1,504	1,504	1,679	1,684	1,674	1,695	1,651	1,649
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)	13	13	15	12	12	11	12	11	10
<b>Additional Tier 1 capital before regulatory adjustments</b>	<b>2,517</b>	<b>2,517</b>	<b>2,519</b>	<b>2,691</b>	<b>2,696</b>	<b>2,685</b>	<b>2,738</b>	<b>2,693</b>	<b>2,940</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	-	-	-	-	-	-	-	-	-
<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>2,517</b>	<b>2,517</b>	<b>2,519</b>	<b>2,691</b>	<b>2,696</b>	<b>2,685</b>	<b>2,738</b>	<b>2,693</b>	<b>2,940</b>
<b>Tier 1 capital (T1 = CET1 + AT1)</b>	<b>20,862</b>	<b>19,682</b>	<b>19,716</b>	<b>19,520</b>	<b>19,284</b>	<b>18,551</b>	<b>17,771</b>	<b>17,300</b>	<b>17,093</b>
<b>Tier 2 capital: instruments and provisions</b>									
46 Directly issued qualifying Tier 2 instruments plus related stock surplus <sup>7</sup>	2,005	1,986	1,991	1,000	972	1,000	1,000	1,000	-
47 Directly issued capital instruments subject to phase out from Tier 2	1,354	1,327	1,351	2,828	2,831	2,831	3,154	3,605	3,605
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)	18	17	19	16	16	15	15	14	13
50 Collective allowances	72	71	76	70	70	87	84	70	73
<b>Tier 2 capital before regulatory adjustments</b>	<b>3,449</b>	<b>3,401</b>	<b>3,437</b>	<b>3,914</b>	<b>3,889</b>	<b>3,933</b>	<b>4,253</b>	<b>4,689</b>	<b>3,691</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>3,449</b>	<b>3,401</b>	<b>3,437</b>	<b>3,914</b>	<b>3,889</b>	<b>3,933</b>	<b>4,253</b>	<b>4,689</b>	<b>3,691</b>
<b>Total capital (TC = T1 + T2)</b>	<b>24,311</b>	<b>23,083</b>	<b>23,153</b>	<b>23,434</b>	<b>23,173</b>	<b>22,484</b>	<b>22,024</b>	<b>21,989</b>	<b>20,784</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>8</sup></b>	<b>168,077</b>	<b>165,419</b>	<b>162,583</b>	<b>156,107</b>	<b>153,889</b>	<b>146,951</b>	<b>146,554</b>	<b>141,250</b>	<b>139,920</b>
60b <b>Tier 1 Capital RWA<sup>8</sup></b>	<b>168,407</b>	<b>165,746</b>	<b>162,899</b>	<b>156,401</b>	<b>154,176</b>	<b>147,173</b>	<b>146,847</b>	<b>141,446</b>	<b>140,174</b>
60c <b>Total Capital RWA<sup>8</sup></b>	<b>168,690</b>	<b>166,027</b>	<b>163,169</b>	<b>156,652</b>	<b>154,422</b>	<b>147,364</b>	<b>147,097</b>	<b>141,739</b>	<b>140,556</b>

For footnotes, see next page.



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

(\$ millions)

Row <sup>2</sup>	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14
	<b>Cross-reference<sup>3</sup></b>								
<b>Capital ratios</b>									
61 Common Equity Tier 1 (as a percentage of risk-weighted assets)	<b>10.9%</b>	10.4%	10.6%	10.8%	10.8%	10.8%	10.3%	10.3%	10.1%
62 Tier 1 (as a percentage of risk-weighted assets)	<b>12.4%</b>	11.9%	12.1%	12.5%	12.5%	12.6%	12.1%	12.2%	12.2%
63 Total capital (as a percentage of risk-weighted assets)	<b>14.4%</b>	13.9%	14.2%	15.0%	15.0%	15.3%	15.0%	15.5%	14.8%
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 risk-weighted assets)	<b>8.0%</b>	8.0%	8.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
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%
67a of which: D-SIB buffer requirement	<b>1.0%</b>	1.0%	1.0%	n/a	n/a	n/a	n/a	n/a	n/a
68 Common Equity Tier 1 available to meet buffers (as percentage of risk-weighted assets)	<b>10.9%</b>	10.4%	10.6%	10.8%	10.8%	10.8%	10.3%	10.3%	10.1%
<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%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
70 Tier 1 capital all-in target ratio	<b>9.5%</b>	9.5%	9.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%
71 Total capital all-in target ratio	<b>11.5%</b>	11.5%	11.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%
<b>Amounts below the thresholds for deduction (before risk-weighting)</b>									
72 Non-significant investments in the capital of other financials	<b>368</b>	425	432	406	453	429	441	389	496
73 Significant investments in the common stock of financials	<b>828</b>	1,463	1,521	1,520	1,505	1,548	1,427	1,487	1,436
75 Deferred tax assets arising from temporary differences (net of related tax liabilities)	<b>981</b>	892	841	783	799	791	829	643	652
<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>72</b>	71	76	70	70	68	75	70	73
77 Cap on inclusion of allowances in Tier 2 under standardized approach	<b>72</b>	AA	71	76	70	70	68	75	73
78 Allowances eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)	-	-	-	-	-	19	9	-	-
79 Cap on inclusion of allowances in Tier 2 under ratings-based approach	-	AB	-	-	-	19	9	-	-
<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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
81 Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
82 Current cap on AT1 instruments subject to phase out arrangements	<b>1,504</b>	1,504	1,504	1,754	1,754	1,754	1,754	2,005	2,005
83 Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	<b>167</b>	165	173	-	-	-	-	-	-
84 Current cap on T2 instruments subject to phase out arrangements	<b>2,704</b>	2,704	2,704	3,154	3,154	3,154	3,154	3,605	3,605
85 Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	-	-	-	-	-	-	653	328	285

<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. OSFI mandated all institutions to have established a target CET1 ratio of 7%, comprised of the 2019 all-in minimum ratio plus conservation buffer effective the first quarter of 2013. 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.

<sup>2</sup> Per OSFI's "Public Capital Disclosure Requirements related to Basel III Pillar 3" advisory in accordance with Basel III all-in-basis calculations.

<sup>3</sup> Cross-referenced to the consolidated balance sheet, refer to pages 3 and 4.

<sup>4</sup> Not recorded on the consolidated balance sheet.

<sup>5</sup> Comprises non-cumulative Class A Preferred Shares series 26 (until Q3/14 inclusive), 27 (until Q4/14 inclusive), 29 (until Q1/15 inclusive), 39 (effective Q3/14), 41 (effective Q1/15), and 43 (effective Q2/15) which are treated as non-viability contingent capital in accordance with OSFI's capital adequacy guidelines.

<sup>6</sup> Comprises CIBC Tier 1 Notes - Series A due June 30, 2108 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.

<sup>7</sup> Comprises Debentures due on October 28, 2024 and January 26, 2026 which are treated as non-viability contingent capital in accordance with OSFI's capital adequacy guidelines.

<sup>8</sup> 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 are based on different RWAs 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.

<sup>9</sup> 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)

	Q3/16				Cross reference to capital schedule <sup>3</sup>
	Balance sheet as in report to shareholders	Insurance entities Deconsolidation	adjustment <sup>2</sup> Equity accounting	Balance sheet as in the regulatory scope of consolidation	
<b>Assets</b>					
<b>Cash and non-interest-bearing deposits with banks</b>	2,942	-	-	2,942	
<b>Interest-bearing deposits with banks</b>	10,186	-	-	10,186	
<b>Securities</b>	84,965	(210)	-	84,755	
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				111	AG
Significant investments in capital of non-financial institutions				-	
Other securities				84,644	
<b>Cash collateral on securities borrowed</b>	5,317	-	-	5,317	
<b>Securities purchased under resale agreements</b>	31,143	-	-	31,143	
<b>Loans</b>	300,549	-	-	300,549	
<b>Allowance for credit losses</b>	(1,780)	-	-	(1,780)	
Collective allowance reflected in Tier 2 capital				(72)	AA
Excess in allowance over expected losses reflected in Tier 2 capital				-	AB
Allowances not reflected in regulatory capital				(1,708)	
<b>Derivative instruments</b>	28,553	-	-	28,553	
<b>Customers' liability under acceptances</b>	13,504	-	-	13,504	
<b>Land, buildings and equipment</b>	1,859	-	-	1,859	
<b>Goodwill</b>	1,525	-	-	1,525	F
<b>Software and other intangible assets</b>	1,340	-	-	1,340	I
<b>Investments in equity-accounted associates and joint ventures</b>	725	-	479	1,204	
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				349	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				7	AL
Significant investments in capital of non-financial institutions				141	
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				479	AE
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds				212	AJ
Non significant investments in capital of non-financial institutions				6	
<b>Deferred tax assets</b>	789	-	-	789	
Deferred tax assets excluding those arising from temporary differences				56	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				981	AC
Deferred tax liabilities related to goodwill				(86)	H
Deferred tax liabilities related to software and other intangible assets				(133)	J
Deferred tax liabilities related to defined benefit pension fund net assets				(29)	O
<b>Other assets</b>					
Defined benefit pension fund net assets	144	-	-	144	N
Other	12,729	(104)	-	12,625	
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds				5	AI
Other				12,620	
<b>Total assets</b>	<b>494,490</b>	<b>(314)</b>	<b>479</b>	<b>494,655</b>	

For footnotes, see next page.



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

(\$ millions)

	Q3/16					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	Of which	
		Deconsolidation	Equity accounting			
<b>Liabilities</b>						
Deposits	389,573	-	-	389,573		
Obligations related to securities sold short	9,433	-	-	9,433		
Cash collateral on securities lent	2,730	-	-	2,730		
Obligations related to securities sold under repurchase agreements	10,638	-	-	10,638		
Derivative instruments	30,225	(1)	-	30,224		
Acceptances	13,504	-	-	13,504		
Deferred tax liabilities	24	-	-	24		
Other liabilities	12,242	211	(45)	12,408		
Subordinated indebtedness	3,400	-	-	3,400		
Subordinated indebtedness allowed for inclusion in Tier 2 capital					2,005	X
Subordinated indebtedness allowed for inclusion into Tier 2 capital subject to phase out					1,354	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					41	
<b>Total liabilities</b>	<b>471,769</b>	<b>210</b>	<b>(45)</b>	<b>471,934</b>		
<b>Equity</b>						
Preferred shares	1,000	-	-	1,000		
Preferred shares allowed for inclusion into additional Tier 1 capital					1,000	U
Preferred shares allowed for inclusion into additional Tier 1 capital subject to phase out					-	V
Preferred shares excluded from additional Tier 1 capital due to cap					-	AH
Common shares	7,806	-	-	7,806		
Common shares – treasury positions					-	
Common shares					7,806	A
Contributed surplus	73	-	-	73		B
Retained earnings	13,145	(528)	528	13,145		C
Gains and losses due to changes in own credit risk on fair valued liabilities					98	M
Other retained earnings					13,047	
AOCI	509	4	(4)	509		D
Cash flow hedges					26	L
Net fair value gains (losses) arising from changes in institution's own credit risk					3	AK
Other					480	
Non-controlling interests	188	-	-	188		
Portion allowed for inclusion into CET1					101	E
Portion allowed for inclusion into additional Tier 1 capital					13	W
Portion allowed for inclusion into Tier 2 capital					18	Z
Portion not allowed for regulatory capital					56	
<b>Total equity</b>	<b>22,721</b>	<b>(524)</b>	<b>524</b>	<b>22,721</b>		
<b>Total liabilities and equity</b>	<b>494,490</b>	<b>(314)</b>	<b>479</b>	<b>494,655</b>		

## REGULATORY CAPITAL AND RATIOS - BASEL III (TRANSITIONAL BASIS)

(\$ millions)

Row <sup>1</sup>	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14
29 <b>Common Equity Tier 1 capital (CET1)</b>	19,910	18,773	18,886	19,147	18,878	18,014	17,610	17,496	16,983
45 <b>Tier 1 capital (T1 = CET1 + AT1)</b>	21,764	20,506	20,577	20,671	20,416	19,668	19,199	18,720	18,491
59 <b>Total capital (TC = T1 + T2)</b>	25,154	23,861	23,964	24,538	24,273	23,591	23,347	23,281	22,081
60 <b>Total risk-weighted assets <sup>4</sup></b>	170,333	168,161	168,688	163,867	161,845	154,328	156,118	155,148	155,644
<b>Capital ratios</b>									
61 Common Equity Tier 1 (as a percentage of risk-weighted assets)	11.7%	11.2%	11.2%	11.7%	11.7%	11.7%	11.3%	11.3%	10.9%
62 Tier 1 (as a percentage of risk-weighted assets)	12.8%	12.2%	12.2%	12.6%	12.6%	12.7%	12.3%	12.1%	11.9%
63 Total capital (as a percentage of risk-weighted assets)	14.8%	14.2%	14.2%	15.0%	15.0%	15.3%	14.9%	15.0%	14.2%

<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 July 31, 2016, CIBC Re had \$204 million in assets, \$(131) million in liabilities, and \$335 million in equity, and CIBC Life had \$110 million in assets, \$(79) million in liabilities, and \$189 million in equity.

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

<sup>4</sup> The minimum total capital requirement is \$13,627 million (Q2/16: \$13,453 million) and is calculated by multiplying RWA by 8%. It refers to the minimum standard established by the Basel Committee on Banking Supervision (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.



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

(\$ millions)

	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14
<b>Common Equity Tier 1 (CET1) capital</b>									
Opening amount	17,165	17,197	16,829	16,588	15,866	15,033	14,607	14,153	13,641
New capital issues	23	18	20	8	2	7	13	27	33
Redeemed capital	-	-	-	-	-	-	-	-	-
Purchase of common shares for cancellation	-	(15)	(46)	(2)	-	-	-	(5)	(15)
Premium on purchase of common shares for cancellation	-	(50)	(159)	(9)	-	-	-	(24)	(59)
Gross dividends (deduction)	(487)	(476)	(466)	(454)	(444)	(433)	(422)	(416)	(416)
Shares issued in lieu of dividends (add back)	-	-	-	-	-	-	-	-	-
Profit for the quarter (attributable to shareholders of the parent company)	1,435	936	977	776	973	907	920	809	918
Removal of own credit spread (net of tax)	(29)	37	(28)	(10)	(4)	(14)	(8)	15	3
Movements in other comprehensive income									
Currency translation differences	86	(632)	402	-	404	(259)	577	131	(22)
Available-for-sale investments	40	40	(22)	(86)	9	(52)	(35)	(1)	32
Cash flow hedges	8	3	(7)	6	2	15	(27)	-	(1)
Post-employment defined benefit plans	(148)	(11)	(286)	240	221	257	(344)	(7)	(87)
Goodwill and other intangible assets (deduction, net of related tax liabilities)	288	85	(132)	(39)	(236)	(16)	(124)	(50)	(266)
Shortfall of allowance to expected losses	(63)	20	(92)	(48)	(73)	-	28	(1)	8
Other, including regulatory adjustments and transitional arrangements									
Deferred tax assets that rely on future profitability (excluding those arising from temporary differences)	43	18	(55)	(2)	-	11	2	(9)	2
Defined benefit pension fund net assets	(5)	14	261	(151)	(134)	(5)	(9)	27	98
Significant investments in financial institutions (amount above 10% threshold)	-	-	-	-	-	241	23	(63)	271
Amount exceeding 15% threshold	-	-	-	-	-	188	(188)	-	82
Prudential valuation adjustments	(5)	(4)	(9)	6	(5)	9	(8)	-	(52)
Other	(6)	(15)	10	6	7	(23)	28	21	(17)
Closing amount	18,345	17,165	17,197	16,829	16,588	15,866	15,033	14,607	14,153
<b>Additional Tier 1 (AT1) capital</b>									
Opening amount	2,517	2,519	2,691	2,696	2,685	2,738	2,693	2,940	2,847
AT1 eligible capital issues	-	-	-	-	-	300	300	-	400
Redeemed capital <sup>2</sup>	-	-	-	-	-	(331)	(300)	(250)	(356)
Impact of the cap on inclusion for instruments subject to phase out	-	-	(173)	-	-	-	-	-	-
Other, including regulatory adjustments and transitional arrangements	-	(2)	1	(5)	11	(22)	45	3	49
Closing amount	2,517	2,517	2,519	2,691	2,696	2,685	2,738	2,693	2,940
<b>Total Tier 1 capital</b>	<b>20,862</b>	<b>19,682</b>	<b>19,716</b>	<b>19,520</b>	<b>19,284</b>	<b>18,551</b>	<b>17,771</b>	<b>17,300</b>	<b>17,093</b>
<b>Tier 2 capital</b>									
Opening amount	3,401	3,437	3,914	3,889	3,933	4,253	4,689	3,691	3,718
New Tier 2 eligible capital issues	-	-	1,000	-	-	-	-	1,000	-
Redeemed capital <sup>3</sup>	-	-	(1,500)	-	-	(447)	-	-	-
Amortization adjustments	-	-	-	-	-	-	-	-	-
Impact of the cap on inclusion for instruments subject to phase out	-	-	-	-	-	-	(451)	-	-
Other, including regulatory adjustments and transitional arrangements	48	(36)	23	25	(44)	127	15	(2)	(27)
Closing amount	3,449	3,401	3,437	3,914	3,889	3,933	4,253	4,689	3,691
<b>Total capital</b>	<b>24,311</b>	<b>23,083</b>	<b>23,153</b>	<b>23,434</b>	<b>23,173</b>	<b>22,484</b>	<b>22,024</b>	<b>21,989</b>	<b>20,784</b>

<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> Due to the application of the cap on inclusion of non-qualifying capital instruments, the redemption of \$144 million of the total \$500 million of Non-cumulative Rate Reset Class A Series 33 and 37 Preferred Shares in Q3/14 did not impact Tier 1 capital.

<sup>3</sup> Due to the application of a cap on the inclusion of non-qualifying capital instruments, \$653 million out of the \$1.1 billion of our 4.1% debentures due April 30, 2020 redeemed in Q2/15 did not impact Tier 2 capital.



## BASEL III LEVERAGE RATIO

(\$ millions)

Row <sup>1</sup>

	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15
<b>On-balance sheet exposures</b>							
1 On-balance sheet items (excluding derivatives, securities financing transactions (SFTs) and grandfathered securitization exposures, but including collateral)	426,904	411,069	409,667	401,111	394,020	368,210	365,531
2 Asset amounts deducted in determining Basel III transitional Tier 1 capital	(2,581)	(2,851)	(2,971)	(2,592)	(2,483)	(2,175)	(2,424)
<b>3 Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 and 2)</b>	<b>424,323</b>	<b>408,218</b>	<b>406,696</b>	<b>398,519</b>	<b>391,537</b>	<b>366,035</b>	<b>363,107</b>
<b>Derivative exposures</b>							
4 Replacement cost associated with all derivative transactions (i.e. net of eligible cash variation margin)	7,065	6,634	7,923	6,225	7,677	6,086	11,195
5 Add-on amounts for potential future exposure (PFE) associated with all derivative transactions	14,668	13,964	13,393	13,260	12,187	12,523	12,553
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)	(5,450)	(5,280)	(6,267)	(4,980)	(4,664)	(5,095)	(4,648)
8 (Exempted central counterparty (CCP)-leg of client cleared trade exposures)	-	-	-	-	-	-	-
9 Adjusted effective notional amount of written credit derivatives	356	239	397	991	511	24,955	17,927
10 (Adjusted effective notional offsets and add-on deductions for written credit derivatives)	(154)	(25)	(169)	(764)	(295)	(24,762)	(17,730)
<b>11 Total derivatives exposures (sum of lines 4 to 10)</b>	<b>16,485</b>	<b>15,532</b>	<b>15,277</b>	<b>14,732</b>	<b>15,416</b>	<b>13,707</b>	<b>19,297</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	36,460	35,722	34,811	33,334	31,350	41,775	38,019
13 (Netted amounts of cash payables and cash receivables of gross SFT assets)	-	-	-	-	-	-	-
14 Counterparty credit risk (CCR) exposure for SFTs	1,135	860	1,005	1,167	1,100	1,488	973
15 Agent transaction exposures	-	-	-	-	-	-	-
<b>16 Total securities financing transaction exposures (sum of lines 12 to 15)</b>	<b>37,595</b>	<b>36,582</b>	<b>35,816</b>	<b>34,501</b>	<b>32,450</b>	<b>43,263</b>	<b>38,992</b>
<b>Other off-balance sheet exposures</b>							
17 Off-balance sheet exposure at gross notional amount	208,903	203,249	204,266	198,437	194,778	188,081	184,476
18 (Adjustments for conversion to credit equivalent amounts)	(149,527)	(146,151)	(145,416)	(142,685)	(139,884)	(136,129)	(133,090)
<b>19 Off-balance sheet items (sum of lines 17 and 18)</b>	<b>59,376</b>	<b>57,098</b>	<b>58,850</b>	<b>55,752</b>	<b>54,894</b>	<b>51,952</b>	<b>51,386</b>
<b>Capital and total exposures - Transitional basis</b>							
20 Tier 1 capital	21,764	20,506	20,577	20,671	20,416	19,668	19,199
<b>21 Total exposures (sum of lines 3, 11, 16 and 19)</b>	<b>537,779</b>	<b>517,430</b>	<b>516,639</b>	<b>503,504</b>	<b>494,297</b>	<b>474,957</b>	<b>472,782</b>
<b>Leverage ratios - Transitional basis</b>							
22 Basel III leverage ratio	4.0%	4.0%	4.0%	4.1%	4.1%	4.1%	4.1%
<b>All-in basis (required by OSFI)</b>							
23 Tier 1 capital - All-in basis	20,862	19,682	19,716	19,520	19,284	18,551	17,771
24 (Regulatory adjustments)	(3,188)	(3,443)	(3,573)	(3,544)	(3,305)	(2,856)	(3,269)
<b>25 Total exposures (sum of lines 21 and 24, less the amount reported in line 2) - All-in basis</b>	<b>537,172</b>	<b>516,838</b>	<b>516,037</b>	<b>502,552</b>	<b>493,475</b>	<b>474,276</b>	<b>471,937</b>
<b>26 Leverage ratio - All-in basis</b>	<b>3.9%</b>	<b>3.8%</b>	<b>3.8%</b>	<b>3.9%</b>	<b>3.9%</b>	<b>3.9%</b>	<b>3.8%</b>

## SUMMARY COMPARISON OF ACCOUNTING ASSETS VS. LEVERAGE RATIO EXPOSURE MEASURE (TRANSITIONAL BASIS)

(\$ millions)

Row <sup>1</sup>

	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15
1 Total consolidated assets as per published financial statements	494,490	478,144	479,032	463,309	457,842	439,203	445,223
2 Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	165	130	132	228	252	285	264
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	(12,067)	(13,209)	(16,662)	(11,609)	(14,614)	(13,040)	(19,828)
5 Adjustment for securities financing transactions (i.e. repos and similar secured lending)	1,135	860	1,005	1,167	1,100	1,488	973
6 Adjustment for off-balance sheet items (i.e. credit equivalent amounts of off-balance sheet exposures)	59,376	57,098	58,850	55,752	54,894	51,952	51,386
7 Other adjustments	(5,320)	(5,593)	(5,718)	(5,343)	(5,177)	(4,931)	(5,236)
<b>8 Leverage ratio exposure</b>	<b>537,779</b>	<b>517,430</b>	<b>516,639</b>	<b>503,504</b>	<b>494,297</b>	<b>474,957</b>	<b>472,782</b>

<sup>1</sup> Per OSFI's "Public Disclosure Requirements related to Basel III Leverage Ratio".





## RISK-WEIGHTED ASSETS

(\$ millions)

		Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14
	RWA	Minimum total capital required <sup>2</sup>	RWA (All-in basis <sup>1</sup> )							
<b>Credit risk</b>										
<b>Standardized approach</b>										
Corporate	3,674	294	3,515	3,952	3,614	3,610	3,324	3,868	3,521	3,395
Sovereign	658	53	627	690	753	762	679	600	510	799
Banks	472	38	438	411	327	278	283	277	275	265
Real estate secured personal lending	2,144	172	2,075	2,373	2,213	2,241	2,078	2,207	1,959	1,897
Other retail	647	52	616	695	649	641	622	669	598	608
Trading book	105	8	70	67	10	1	1	15	12	11
	<b>7,700</b>	<b>617</b>	<b>7,341</b>	<b>8,188</b>	<b>7,566</b>	<b>7,533</b>	<b>6,987</b>	<b>7,636</b>	<b>6,875</b>	<b>6,975</b>
<b>AIRB approach</b>										
Corporate	65,185	5,215	64,496	63,157	58,917	57,054	53,858	52,962	50,425	49,019
Sovereign <sup>3</sup>	2,245	180	2,150	2,187	2,081	1,732	1,569	1,681	1,628	1,717
Banks	3,753	300	3,602	3,950	4,088	4,192	3,643	3,410	3,300	3,930
Real estate secured personal lending	11,497	920	10,483	10,242	10,477	10,409	9,697	9,048	9,253	7,243
Qualifying revolving retail	17,200	1,376	16,839	16,961	16,106	16,033	15,840	15,764	15,455	16,024
Other retail	7,738	619	7,596	7,334	7,272	7,462	6,739	6,590	6,486	6,586
Equity	693	55	717	726	725	763	719	801	713	728
Trading book	3,387	271	3,301	3,213	2,930	3,148	2,437	3,231	2,074	2,286
Securitization	2,290	183	1,981	2,108	2,011	2,063	2,046	2,096	1,887	2,008
Adjustment for scaling factor	6,830	546	6,660	6,582	6,266	6,161	5,782	5,723	5,456	5,355
	<b>120,818</b>	<b>9,665</b>	<b>117,825</b>	<b>116,460</b>	<b>110,873</b>	<b>109,017</b>	<b>102,330</b>	<b>101,306</b>	<b>96,677</b>	<b>94,896</b>
Other credit RWA	11,276	902	12,539	12,785	12,381	12,153	11,923	11,883	14,940	14,735
<b>Total credit risk (before adjustment for CVA phase-in) <sup>4</sup></b>	<b>139,794</b>	<b>11,184</b>	<b>137,705</b>	<b>137,433</b>	<b>130,820</b>	<b>128,703</b>	<b>121,240</b>	<b>120,825</b>	<b>118,492</b>	<b>116,606</b>
<b>Market risk (Internal Models and IRB Approach)</b>										
Value-at-risk (VaR)	911	73	1,346	790	719	719	896	813	678	656
Stressed VaR	1,729	138	2,019	1,978	2,051	2,075	2,581	2,051	1,759	1,766
Incremental risk charge	1,209	97	1,134	1,295	1,606	1,586	2,111	1,765	1,582	1,595
Securitization & other	86	7	15	27	32	42	20	124	27	94
<b>Total market risk</b>	<b>3,935</b>	<b>315</b>	<b>4,514</b>	<b>4,090</b>	<b>4,408</b>	<b>4,422</b>	<b>5,608</b>	<b>4,753</b>	<b>4,046</b>	<b>4,111</b>
<b>Operational risk</b>	<b>21,327</b>	<b>1,706</b>	<b>20,202</b>	<b>18,180</b>	<b>18,194</b>	<b>18,139</b>	<b>18,073</b>	<b>18,303</b>	<b>17,320</b>	<b>17,389</b>
<b>Total RWA before adjustment for CVA phase-in</b>	<b>A</b>	<b>165,056</b>	<b>13,205</b>	<b>162,421</b>	<b>159,703</b>	<b>153,422</b>	<b>144,921</b>	<b>143,881</b>	<b>139,858</b>	<b>138,106</b>
<b>CVA adjustment <sup>4</sup></b>										
CET1 RWA	<b>B</b>	<b>3,021</b>	<b>242</b>	<b>2,998</b>	<b>2,880</b>	<b>2,685</b>	<b>2,625</b>	<b>2,673</b>	<b>1,392</b>	<b>1,814</b>
Tier 1 RWA	<b>C</b>	<b>3,351</b>	<b>268</b>	<b>3,325</b>	<b>3,196</b>	<b>2,979</b>	<b>2,912</b>	<b>2,252</b>	<b>1,588</b>	<b>2,068</b>
Total RWA	<b>D</b>	<b>3,634</b>	<b>291</b>	<b>3,606</b>	<b>3,466</b>	<b>3,230</b>	<b>3,158</b>	<b>3,216</b>	<b>1,881</b>	<b>2,450</b>
<b>Total RWA after adjustments for CVA phase-in <sup>4</sup></b>										
CET1 capital RWA	<b>A+B</b>	<b>168,077</b>	<b>13,447</b>	<b>165,419</b>	<b>162,583</b>	<b>156,107</b>	<b>153,889</b>	<b>146,951</b>	<b>141,250</b>	<b>139,920</b>
Tier 1 capital RWA	<b>A+C</b>	<b>168,407</b>	<b>13,473</b>	<b>165,746</b>	<b>162,899</b>	<b>156,401</b>	<b>154,176</b>	<b>147,173</b>	<b>141,446</b>	<b>140,174</b>
Total capital RWA	<b>A+D</b>	<b>168,690</b>	<b>13,496</b>	<b>166,027</b>	<b>163,169</b>	<b>156,652</b>	<b>154,422</b>	<b>147,364</b>	<b>141,739</b>	<b>140,556</b>

<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. Certain deductions from capital are phased in at 20% per year starting 2014. Transitional RWAs differ from RWAs on an all-in basis largely due to the risk weighting of amounts not yet deducted from capital under OSFI's transitional rules.

<sup>2</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>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 are based on different RWAs beginning in Q3/14. The charge will be phased-in during 2014-2019 and relates to bilateral OTC derivatives included in credit risk RWA.

## CHANGES IN CET1 RISK-WEIGHTED ASSETS (ALL-IN BASIS <sup>1</sup>)

(\$ millions)

	Q3/16 vs. Q2/16		Q2/16 vs. Q1/16		Q1/16 vs. Q4/15		Q4/15 vs. Q3/15	
	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	140,703	8,653	140,313	8,494	133,505	7,898	131,328	7,982
Book size <sup>3</sup>	2,942	383	4,485	171	3,425	429	3,028	31
Book quality <sup>4</sup>	(542)	(217)	2,023	200	1,805	(231)	430	(128)
Model updates <sup>5</sup>	(33)	-	(609)	-	(789)	-	(705)	-
Methodology and policy <sup>6</sup>	-	-	-	-	-	-	-	-
Acquisitions and disposals	(1,712)	-	-	-	-	-	-	-
Foreign exchange movements	1,574	88	(4,887)	(291)	2,897	184	(37)	(4)
Other	(117)	(223)	(622)	79	(530)	214	(539)	17
Balance at end of period <sup>7</sup>	<b>142,815</b>	<b>8,684</b>	140,703	8,653	140,313	8,494	133,505	7,898

	Q3/16 vs. Q2/16	Q2/16 vs. Q1/16	Q1/16 vs. Q4/15	Q4/15 vs. Q3/15
<b>Market risk</b>				
Balance at beginning of period	4,514	4,090	4,408	4,422
Movement in risk levels <sup>8</sup>	(564)	204	(255)	(41)
Model updates <sup>5</sup>	-	-	-	-
Methodology and policy <sup>6</sup>	5	-	-	-
Acquisitions and disposals	-	-	-	-
Foreign exchange movements	(20)	220	(63)	27
Other	-	-	-	-
Balance at end of period	<b>3,935</b>	4,514	4,090	4,408

	Q3/16 vs. Q2/16	Q2/16 vs. Q1/16	Q1/16 vs. Q4/15	Q4/15 vs. Q3/15
<b>Operational risk</b>				
Balance at beginning of period	20,202	18,180	18,194	18,139
Movement in risk levels <sup>9</sup>	62	673	-	55
Methodology and policy <sup>6</sup>	1,063	1,349	(14)	-
Acquisitions and disposals	-	-	-	-
Balance at end of period	<b>21,327</b>	20,202	18,180	18,194

<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> 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 \$3,021 million (Q2/16: \$2,998 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 and internal control factors.

## CREDIT EXPOSURE (EXPOSURE AT DEFAULT <sup>1</sup>)

(\$ millions)

	Q3/16		Q2/16		Q1/16		Q4/15		Q3/15		Q2/15		Q1/15		Q4/14	
	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	72,146	3,126	69,382	3,086	68,379	3,467	64,578	3,190	62,323	3,277	58,330	3,058	57,802	3,322	54,242	3,166
Undrawn commitments	37,054	86	36,304	86	38,239	135	37,496	112	36,337	140	35,665	130	35,039	406	34,197	340
Repo-style transactions	51,372	10	49,798	14	35,900	3	31,447	12	26,617	10	34,404	14	29,591	36	29,487	18
Other off-balance sheet	15,175	440	13,336	443	10,585	504	15,694	462	14,978	354	14,315	331	11,931	337	8,335	213
OTC derivatives	8,180	-	7,870	-	8,257	-	7,481	-	8,489	-	7,002	-	9,235	-	5,061	-
	<b>183,927</b>	<b>3,662</b>	<b>176,690</b>	<b>3,629</b>	<b>161,360</b>	<b>4,109</b>	<b>156,696</b>	<b>3,776</b>	<b>148,744</b>	<b>3,781</b>	<b>149,716</b>	<b>3,533</b>	<b>143,598</b>	<b>4,101</b>	<b>131,322</b>	<b>3,737</b>
<b>Sovereign</b>																
Drawn	38,454	4,740	36,908	4,498	38,940	5,167	37,498	5,204	36,560	5,243	22,705	4,720	22,606	4,931	20,472	4,067
Undrawn commitments	4,830	-	4,817	-	4,779	-	4,812	-	4,480	-	5,018	-	4,868	-	5,019	-
Repo-style transactions	6,522	-	7,588	-	5,699	-	7,410	-	6,059	-	9,830	-	6,416	-	8,041	-
Other off-balance sheet	803	-	759	-	742	-	884	-	735	-	582	-	561	-	443	-
OTC derivatives	3,893	-	3,855	-	4,559	-	3,666	-	4,365	-	2,370	-	4,049	-	2,167	-
	<b>54,502</b>	<b>4,740</b>	<b>53,927</b>	<b>4,498</b>	<b>54,719</b>	<b>5,167</b>	<b>54,270</b>	<b>5,204</b>	<b>52,199</b>	<b>5,243</b>	<b>40,505</b>	<b>4,720</b>	<b>38,500</b>	<b>4,931</b>	<b>36,142</b>	<b>4,067</b>
<b>Banks</b>																
Drawn	13,894	1,847	11,488	1,717	13,081	1,778	12,889	1,374	12,991	1,277	11,325	1,172	10,150	1,171	9,779	1,156
Undrawn commitments	1,036	-	889	-	1,002	-	877	-	828	-	976	-	976	-	939	-
Repo-style transactions	22,386	-	22,741	-	30,807	-	33,800	-	37,011	-	34,698	-	34,055	2	32,174	5
Other off-balance sheet	59,315	-	59,184	-	58,833	-	61,022	-	68,321	-	68,572	-	66,980	-	59,826	-
OTC derivatives	5,900	211	5,304	56	5,759	168	5,153	26	4,895	14	5,137	12	7,219	32	5,398	22
	<b>102,531</b>	<b>2,058</b>	<b>99,606</b>	<b>1,773</b>	<b>109,482</b>	<b>1,946</b>	<b>113,741</b>	<b>1,400</b>	<b>124,046</b>	<b>1,291</b>	<b>120,708</b>	<b>1,184</b>	<b>119,380</b>	<b>1,205</b>	<b>108,116</b>	<b>1,183</b>
<b>Gross business and government portfolios</b>	<b>340,960</b>	<b>10,460</b>	<b>330,223</b>	<b>9,900</b>	<b>325,561</b>	<b>11,222</b>	<b>324,707</b>	<b>10,380</b>	<b>324,989</b>	<b>10,315</b>	<b>310,929</b>	<b>9,437</b>	<b>301,478</b>	<b>10,237</b>	<b>275,580</b>	<b>8,987</b>
Less: Repo-style transaction collateral	71,017	-	71,646	-	62,423	-	64,407	-	60,966	-	69,730	-	62,203	-	63,718	-
<b>Net business and government portfolios</b>	<b>269,943</b>	<b>10,460</b>	<b>258,577</b>	<b>9,900</b>	<b>263,138</b>	<b>11,222</b>	<b>260,300</b>	<b>10,380</b>	<b>264,023</b>	<b>10,315</b>	<b>241,199</b>	<b>9,437</b>	<b>239,275</b>	<b>10,237</b>	<b>211,862</b>	<b>8,987</b>
<b>Retail portfolios</b>																
<b>Real estate secured personal lending</b>																
Drawn	195,464	2,579	189,218	2,474	185,953	2,802	182,779	2,602	178,772	2,609	175,255	2,419	173,451	2,561	171,841	2,289
Undrawn commitments	24,050	-	22,743	-	21,176	-	21,396	-	21,015	-	22,907	-	21,429	-	21,699	-
	<b>219,514</b>	<b>2,579</b>	<b>211,961</b>	<b>2,474</b>	<b>207,129</b>	<b>2,802</b>	<b>204,175</b>	<b>2,602</b>	<b>199,787</b>	<b>2,609</b>	<b>198,162</b>	<b>2,419</b>	<b>194,880</b>	<b>2,561</b>	<b>193,540</b>	<b>2,289</b>
<b>Qualifying revolving retail</b>																
Drawn	21,139	-	20,661	-	20,596	-	20,435	-	20,099	-	19,726	-	19,519	-	19,557	-
Undrawn commitments	46,887	-	46,545	-	45,956	-	44,983	-	44,772	-	46,662	-	46,277	-	44,849	-
Other off-balance sheet	308	-	281	-	265	-	304	-	303	-	284	-	249	-	275	-
	<b>68,334</b>	<b>-</b>	<b>67,487</b>	<b>-</b>	<b>66,817</b>	<b>-</b>	<b>65,722</b>	<b>-</b>	<b>65,174</b>	<b>-</b>	<b>66,672</b>	<b>-</b>	<b>66,045</b>	<b>-</b>	<b>64,681</b>	<b>-</b>
<b>Other retail</b>																
Drawn	9,616	766	9,490	726	9,221	813	9,268	762	9,361	751	9,184	731	8,890	778	8,808	697
Undrawn commitments	1,999	26	1,975	25	1,910	27	1,888	26	1,839	26	1,588	24	1,588	25	1,537	44
Other off-balance sheet	32	-	32	-	38	-	36	-	36	-	37	-	44	-	31	-
	<b>11,647</b>	<b>792</b>	<b>11,497</b>	<b>751</b>	<b>11,169</b>	<b>840</b>	<b>11,192</b>	<b>788</b>	<b>11,236</b>	<b>777</b>	<b>10,809</b>	<b>755</b>	<b>10,522</b>	<b>803</b>	<b>10,376</b>	<b>741</b>
<b>Total retail portfolios</b>	<b>299,495</b>	<b>3,371</b>	<b>290,945</b>	<b>3,225</b>	<b>285,115</b>	<b>3,642</b>	<b>281,089</b>	<b>3,390</b>	<b>276,197</b>	<b>3,386</b>	<b>275,643</b>	<b>3,174</b>	<b>271,447</b>	<b>3,364</b>	<b>268,597</b>	<b>3,030</b>
<b>Securitization exposures</b>	<b>18,748</b>	<b>-</b>	<b>17,577</b>	<b>-</b>	<b>18,868</b>	<b>-</b>	<b>15,876</b>	<b>-</b>	<b>15,937</b>	<b>-</b>	<b>14,968</b>	<b>-</b>	<b>15,531</b>	<b>-</b>	<b>14,990</b>	<b>-</b>
<b>Gross credit exposure</b>	<b>659,203</b>	<b>13,831</b>	<b>638,745</b>	<b>13,125</b>	<b>629,544</b>	<b>14,864</b>	<b>621,672</b>	<b>13,770</b>	<b>617,123</b>	<b>13,701</b>	<b>601,540</b>	<b>12,611</b>	<b>588,456</b>	<b>13,601</b>	<b>559,167</b>	<b>12,017</b>
Less: Repo-style transaction collateral	71,017	-	71,646	-	62,423	-	64,407	-	60,966	-	69,730	-	62,203	-	63,718	-
<b>Net credit exposure</b>	<b>588,186</b>	<b>13,831</b>	<b>567,099</b>	<b>13,125</b>	<b>567,121</b>	<b>14,864</b>	<b>557,265</b>	<b>13,770</b>	<b>556,157</b>	<b>13,701</b>	<b>531,810</b>	<b>12,611</b>	<b>526,253</b>	<b>13,601</b>	<b>495,449</b>	<b>12,017</b>

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

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

(\$ millions)

	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14
<b>Business and government</b>									
<b>Canada</b>									
Drawn	74,422	70,482	70,148	63,894	58,604	55,082	57,669	54,544	51,290
Undrawn commitments	32,578	31,863	32,279	32,085	30,871	30,930	30,171	30,552	29,759
Repo-style transactions	4,336	4,430	5,369	3,227	3,497	4,823	4,053	2,671	3,222
Other off-balance sheet	49,518	46,711	44,658	51,269	54,703	55,576	56,712	48,962	50,162
OTC derivatives	8,722	8,424	10,610	9,050	10,870	8,030	12,778	6,589	6,257
	<b>169,576</b>	<b>161,910</b>	<b>163,064</b>	<b>159,525</b>	<b>158,545</b>	<b>154,441</b>	<b>161,383</b>	<b>143,318</b>	<b>140,690</b>
<b>United States</b>									
Drawn	37,999	35,069	38,836	41,846	43,365	28,392	24,773	22,699	27,106
Undrawn commitments	7,937	7,556	8,355	7,589	7,407	7,633	7,969	6,875	6,402
Repo-style transactions	4,181	3,342	4,007	4,323	4,562	3,614	3,244	2,910	3,275
Other off-balance sheet	20,510	19,007	20,097	20,541	23,303	20,028	15,957	15,698	13,192
OTC derivatives	3,077	2,649	2,352	2,386	2,226	2,271	1,907	1,670	1,718
	<b>73,704</b>	<b>67,623</b>	<b>73,647</b>	<b>76,685</b>	<b>80,863</b>	<b>61,938</b>	<b>53,850</b>	<b>49,852</b>	<b>51,693</b>
<b>Europe</b>									
Drawn	4,602	4,497	5,119	3,882	4,099	3,799	2,985	2,707	3,513
Undrawn commitments	1,661	1,674	2,539	2,587	2,531	2,066	1,595	1,708	1,715
Repo-style transactions	572	485	451	496	478	575	473	270	246
Other off-balance sheet	4,761	7,052	4,855	5,082	5,553	7,291	6,510	3,420	3,575
OTC derivatives	3,726	3,694	4,007	3,642	3,127	3,030	4,416	3,111	3,100
	<b>15,322</b>	<b>17,402</b>	<b>16,971</b>	<b>15,689</b>	<b>15,788</b>	<b>16,761</b>	<b>15,979</b>	<b>11,216</b>	<b>12,149</b>
<b>Other countries</b>									
Drawn	7,471	7,730	6,297	5,343	5,806	5,087	5,131	4,543	5,657
Undrawn commitments	744	917	847	924	836	1,030	1,148	1,020	923
Repo-style transactions	174	224	156	204	184	190	89	133	175
Other off-balance sheet	504	509	550	708	475	574	293	524	509
OTC derivatives	2,448	2,262	1,606	1,222	1,526	1,178	1,402	1,256	1,245
	<b>11,341</b>	<b>11,642</b>	<b>9,456</b>	<b>8,401</b>	<b>8,827</b>	<b>8,059</b>	<b>8,063</b>	<b>7,476</b>	<b>8,509</b>
	<b>269,943</b>	<b>258,577</b>	<b>263,138</b>	<b>260,300</b>	<b>264,023</b>	<b>241,199</b>	<b>239,275</b>	<b>211,862</b>	<b>213,041</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 credit valuation adjustments for financial guarantors, and before allowance for credit losses.

## CREDIT EXPOSURE - MATURITY PROFILE <sup>1</sup>

(\$ millions)

	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14
<b>Business and government portfolios</b>									
<b>Corporate</b>									
Less than 1 year <sup>2</sup>	55,488	50,532	47,050	47,455	48,044	45,367	42,823	34,654	34,984
1 - 3 years	44,333	42,794	43,718	41,773	39,223	36,976	37,537	35,826	35,931
3 - 5 years	36,344	36,729	37,930	36,547	35,775	35,217	34,690	31,806	30,489
Over 5 years	1,638	1,272	1,447	1,454	1,210	989	1,226	936	816
	<b>137,803</b>	<b>131,327</b>	<b>130,145</b>	<b>127,229</b>	<b>124,252</b>	<b>118,549</b>	<b>116,276</b>	<b>103,222</b>	<b>102,220</b>
<b>Sovereign</b>									
Less than 1 year <sup>2</sup>	14,571	13,966	15,493	20,291	29,199	18,566	15,757	13,997	12,854
1 - 3 years	15,951	15,129	16,780	15,559	10,932	6,692	7,430	5,959	11,415
3 - 5 years	16,302	16,196	15,175	9,802	4,719	5,435	8,834	7,935	7,774
Over 5 years	1,581	1,545	1,939	1,607	1,564	673	803	719	662
	<b>48,405</b>	<b>46,836</b>	<b>49,387</b>	<b>47,259</b>	<b>46,414</b>	<b>31,366</b>	<b>32,824</b>	<b>28,610</b>	<b>32,705</b>
<b>Banks</b>									
Less than 1 year <sup>2</sup>	67,043	67,425	69,690	72,018	79,922	78,454	77,851	69,453	65,693
1 - 3 years	8,787	10,504	11,174	9,414	9,442	9,430	8,611	6,992	8,882
3 - 5 years	7,396	1,573	1,710	3,354	2,997	1,940	2,028	2,109	2,385
Over 5 years	509	912	1,032	1,026	996	1,460	1,685	1,476	1,156
	<b>83,735</b>	<b>80,414</b>	<b>83,606</b>	<b>85,812</b>	<b>93,357</b>	<b>91,284</b>	<b>90,175</b>	<b>80,030</b>	<b>78,116</b>
<b>Total business and government portfolios</b>	<b>269,943</b>	<b>258,577</b>	<b>263,138</b>	<b>260,300</b>	<b>264,023</b>	<b>241,199</b>	<b>239,275</b>	<b>211,862</b>	<b>213,041</b>
<b>Retail portfolios</b>									
<b>Real estate and secured personal lending</b>									
Less than 1 year <sup>2</sup>	75,233	75,821	76,395	80,552	79,913	78,995	71,987	69,029	67,124
1 - 3 years	71,028	62,362	57,985	54,158	55,112	57,629	63,986	68,559	70,539
3 - 5 years	71,746	72,266	71,271	68,117	63,600	60,341	57,612	54,480	51,933
Over 5 years	1,507	1,512	1,478	1,348	1,162	1,197	1,295	1,472	1,669
	<b>219,514</b>	<b>211,961</b>	<b>207,129</b>	<b>204,175</b>	<b>199,787</b>	<b>198,162</b>	<b>194,880</b>	<b>193,540</b>	<b>191,265</b>
<b>Qualifying revolving retail</b>									
Less than 1 year <sup>2</sup>	68,334	67,487	66,817	65,722	65,174	66,672	66,045	64,681	60,822
	<b>68,334</b>	<b>67,487</b>	<b>66,817</b>	<b>65,722</b>	<b>65,174</b>	<b>66,672</b>	<b>66,045</b>	<b>64,681</b>	<b>60,822</b>
<b>Other retail</b>									
Less than 1 year <sup>2</sup>	11,204	11,092	10,785	10,813	10,804	10,344	10,096	9,933	9,778
1 - 3 years	210	210	211	214	271	301	261	278	280
3 - 5 years	116	109	104	108	108	109	109	108	104
Over 5 years	117	86	69	57	53	55	56	57	58
	<b>11,647</b>	<b>11,497</b>	<b>11,169</b>	<b>11,192</b>	<b>11,236</b>	<b>10,809</b>	<b>10,522</b>	<b>10,376</b>	<b>10,220</b>
<b>Total retail portfolios</b>	<b>299,495</b>	<b>290,945</b>	<b>285,115</b>	<b>281,089</b>	<b>276,197</b>	<b>275,643</b>	<b>271,447</b>	<b>268,597</b>	<b>262,307</b>
<b>Total credit exposure</b>	<b>569,438</b>	<b>549,522</b>	<b>548,253</b>	<b>541,389</b>	<b>540,220</b>	<b>516,842</b>	<b>510,722</b>	<b>480,459</b>	<b>475,348</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)

	Q3/16			Credit equivalent amount <sup>1</sup>	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	
	Current replacement cost				Risk-weighted amount									
	Trading	ALM	Total											
<b>Interest rate derivatives</b>														
Over-the-counter														
Forward rate agreements	13	-	13	181	22	14	-	8	28	10	10	4	3	
Swap contracts	12,982	808	13,790	5,518	1,100	926	1,013	884	851	758	960	637	729	
Purchased options	197	7	204	42	21	20	15	26	16	18	14	10	14	
	13,192	815	14,007	5,741	1,143	960	1,028	918	895	786	984	651	746	
Exchange-traded	-	-	-	33	1	1	2	3	2	1	3	2	3	
<b>Total interest rate derivatives</b>	13,192	815	14,007	5,774	1,144	961	1,030	921	897	787	987	653	749	
<b>Foreign exchange derivatives</b>														
Over-the-counter														
Forward contracts	3,423	271	3,694	3,101	732	874	911	668	814	637	1,010	528	493	
Swap contracts	5,840	1,764	7,604	3,582	653	603	653	656	600	478	571	497	417	
Purchased options	352	-	352	397	144	217	222	173	230	158	260	108	66	
	9,615	2,035	11,650	7,080	1,529	1,694	1,786	1,497	1,644	1,273	1,841	1,133	976	
<b>Credit derivatives</b>														
Over-the-counter														
Credit default swap contracts - protection purchased	147	6	153	124	8	9	12	14	18	44	41	46	36	
Credit default swap contracts - protection sold	6	-	6	6	-	-	-	-	-	9	6	18	7	
	153	6	159	130	8	9	12	14	18	53	47	64	43	
<b>Equity derivatives</b>														
Over-the-counter	508	4	512	1,702	300	306	254	254	235	201	219	141	121	
Exchange-traded	757	-	757	2,041	45	45	32	36	14	17	16	16	14	
	1,265	4	1,269	3,743	345	351	286	290	249	218	235	157	135	
<b>Precious metal derivatives</b>														
Over-the-counter	88	-	88	59	15	10	6	6	7	7	8	2	3	
Exchange-traded	83	-	83	104	-	5	3	8	2	-	-	1	1	
	171	-	171	163	15	15	9	14	9	7	8	3	4	
<b>Other commodity derivatives</b>														
Over-the-counter	1,132	-	1,132	1,644	888	743	524	616	682	442	526	438	678	
Exchange-traded	165	-	165	1,875	43	64	68	77	30	30	30	44	49	
	1,297	-	1,297	3,519	931	807	592	693	712	472	556	482	727	
<b>Non-trade exposure related to central counterparties</b>					225	443	437	347	440	350	343	281	258	
<b>CET1 CVA charge</b>					3,021	2,998	2,880	2,685	2,625	2,030	2,673	1,392	1,814	
<b>Total derivatives before netting</b>	25,693	2,860	28,553	20,409	7,218	7,278	7,032	6,461	6,594	5,190	6,690	4,165	4,706	
Less: effect of netting <sup>2</sup>				(18,930)										
<b>Total derivatives</b>				9,623	20,409	7,218	7,278	7,032	6,461	6,594	5,190	6,690	4,165	4,706

<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 \$4,032 million (Q2/16: \$3,373 million). The collateral comprises cash of \$2,622 million (Q2/16: \$2,423 million) and government securities of \$1,410 million (Q2/16: \$950 million).

<sup>2</sup> Comprises amounts subject to set off under enforceable netting agreements, such as ISDA 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) (continued) <sup>1</sup>

(\$ millions)

				Q3/16						Q2/16								
CIBC rating	Banks	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>Investment grade</b>					5,233	-	-	0.01	10	2	130	1,111	-
	10	0.03%-0.03%	AAA	Aaa	21	86	-	0.04	41	14	3	74	92	-	0.03	31	6	5
	24	0.04%-0.05%	AA	Aa2	31,882	-	-	0.04	7	1	430	33,704	-	-	0.04	6	1	385
	27	0.05%-0.06%	AA-	Aa3	10,093	-	-	0.05	16	4	434	8,183	-	-	0.05	16	4	335
	31	0.07%-0.09%	A+	A1	9,932	50	68	0.08	18	7	709	11,722	-	-	0.08	13	5	640
	34	0.09%-0.12%	A	A2	9,416	71	67	0.10	10	6	537	5,711	70	68	0.10	16	9	487
	37	0.13%-0.16%	A-	A3	8,112	447	67	0.13	14	9	711	7,659	228	67	0.13	12	8	619
	41	0.17%-0.22%	BBB+	Baa1	2,955	280	67	0.17	15	11	313	6,337	325	67	0.17	14	10	605
	44	0.23%-0.30%	BBB	Baa2	3,354	624	67	0.25	12	11	371	3,063	541	67	0.25	13	12	375
	47	0.31%-0.42%	BBB-	Baa3	758	-	-	0.35	19	21	163	1,008	92	70	0.35	18	19	191
<b>Non-investment grade</b>					<b>81,756</b>	<b>1,558</b>	<b>63</b>	<b>0.08</b>	<b>11</b>	<b>5</b>	<b>3,801</b>	<b>78,572</b>	<b>1,348</b>	<b>63</b>	<b>0.08</b>	<b>11</b>	<b>5</b>	<b>3,721</b>
	51	0.43%-0.61%	BB+	Ba1	148	78	59	0.55	39	57	84	535	2	65	0.55	25	29	155
	54	0.62%-1.09%	BB	Ba2	601	1	65	0.76	13	18	108	486	1	70	0.76	17	25	121
	57	1.10%-1.92%	BB-	Ba3	358	1	66	1.45	27	57	204	73	1	66	1.45	14	32	23
	61	1.93%-3.99%	B+	B1	162	1	74	2.54	11	25	41	156	1	74	2.54	12	26	41
	64	4.00%-7.27%	B	B2	709	3	64	6.23	17	61	434	588	64	59	6.23	24	82	480
	67	7.28%-12.11%	B-	B3	-	-	-	-	-	-	-	2	-	-	9.77	5	23	-
<b>Watch list</b>					<b>1,978</b>	<b>84</b>	<b>59</b>	<b>2.98</b>	<b>19</b>	<b>44</b>	<b>871</b>	<b>1,840</b>	<b>69</b>	<b>60</b>	<b>2.64</b>	<b>21</b>	<b>45</b>	<b>820</b>
	70	12.12%-20.67%	CCC+	Caa1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	1	-	-	17.03	12	53	-	-	-	-	-	-	-	-
	80	20.68%-99.99%	CC to C	Ca	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					1	-	-	17.03	16	73	-	-	-	-	-	-	-	-
<b>Default</b>					<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	90	100.00%	D	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					<b>83,735</b>	<b>1,642</b>	<b>63</b>	<b>0.15</b>	<b>11</b>	<b>6</b>	<b>4,672</b>	<b>80,412</b>	<b>1,417</b>	<b>63</b>	<b>0.14</b>	<b>11</b>	<b>6</b>	<b>4,541</b>
<b>Commercial mortgages (Slotting approach)</b>					<b>267,816</b>	<b>65,830</b>	<b>65</b>	<b>0.91</b>	<b>23</b>	<b>27</b>	<b>72,035</b>	<b>255,959</b>	<b>64,737</b>	<b>65</b>	<b>1.03</b>	<b>23</b>	<b>28</b>	<b>70,603</b>
	Strong				1,856	4	50			70	1,299	2,254	7	57			70	1,578
	Good				157	-	-			90	141	206	-	-			90	185
	Satisfactory				104	25	68			114	119	137	19	68			115	157
	Weak				5	-	-			260	13	16	-	-			244	39
	Default				5	-	-			-	-	5	-	-			-	-
					<b>2,127</b>	<b>29</b>	<b>66</b>			<b>74</b>	<b>1,572</b>	<b>2,618</b>	<b>26</b>	<b>65</b>			<b>75</b>	<b>1,959</b>
<b>Total business and government</b>					<b>269,943</b>	<b>65,859</b>	<b>65</b>			<b>27</b>	<b>73,607</b>	<b>258,577</b>	<b>64,763</b>	<b>65</b>			<b>28</b>	<b>72,562</b>

For footnotes, see page 16.



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

(\$ millions)

CIBC rating	PD bands	Standard & Poor's equivalent	Moody's Investors Service equivalent	Q1/16						Q4/15										
				EAD	Notional of undrawn commitments	Exposure weighted-average	Exposure weighted-average	Exposure weighted-average	Exposure weighted-average	EAD	Notional of undrawn commitments	Exposure weighted-average	Exposure weighted-average	Exposure weighted-average	Exposure weighted-average					
						EAD %	PD %	LGD %	risk weight %			EAD %	PD %	LGD %	risk weight %					
<b>Corporate Investment grade</b>																				
10	0.03%-0.03%	AAA	Aaa	1,896	34	70	0.02	17	5	96	1,810	40	69	0.02	14	4	76			
21	0.03%-0.03%	AA+	Aa1	556	291	67	0.03	25	8	42	11,721	231	66	0.04	5	1	78			
24	0.04%-0.05%	AA	Aa2	8,112	992	67	0.04	11	2	162	1,507	909	66	0.04	21	7	104			
27	0.05%-0.06%	AA-	Aa3	2,530	1,951	67	0.05	38	15	387	2,152	1,738	67	0.05	35	14	312			
31	0.07%-0.09%	A+	A1	3,239	2,744	66	0.08	36	19	630	2,780	2,419	66	0.08	36	19	517			
34	0.09%-0.12%	A	A2	5,341	2,449	68	0.10	44	27	1,324	5,010	2,623	68	0.11	41	29	1,433			
37	0.13%-0.16%	A-	A3	9,113	5,993	67	0.13	43	36	3,311	8,563	5,999	67	0.14	44	39	3,308			
41	0.17%-0.22%	BBB+	Baa1	15,298	7,742	69	0.17	43	40	6,086	13,574	7,107	69	0.18	43	40	5,498			
44	0.23%-0.30%	BBB	Baa2	13,513	7,038	69	0.25	43	47	6,362	13,103	8,990	69	0.26	43	49	6,366			
47	0.31%-0.42%	BBB-	Baa3	13,297	7,429	69	0.34	39	51	6,789	12,395	6,908	70	0.36	39	52	6,417			
				72,895	36,663	68	0.18	38	35	25,189	72,615	36,964	68	0.18	34	33	24,109			
<b>Non-investment grade</b>																				
51	0.43%-0.61%	BB+	Ba1	11,929	6,768	58	0.53	36	57	6,852	11,081	6,072	58	0.49	36	54	5,987			
54	0.62%-1.09%	BB	Ba2	13,786	6,794	58	0.74	32	57	7,910	13,720	6,543	58	0.72	31	56	7,738			
57	1.10%-1.92%	BB-	Ba3	9,679	4,480	60	1.34	32	66	6,424	8,925	4,031	60	1.40	32	65	5,804			
61	1.93%-3.99%	B+	B1	6,405	2,408	60	2.19	31	71	4,568	6,254	2,216	61	2.29	29	67	4,204			
64	4.00%-7.27%	B	B2	4,209	1,379	62	4.43	31	85	3,559	4,367	1,426	61	4.66	31	88	3,824			
67	7.28%-12.11%	B-	B3	836	254	60	8.92	36	130	1,088	897	219	59	9.57	34	128	1,148			
				46,844	22,083	59	1.49	33	65	30,401	45,244	20,507	59	1.57	32	63	28,705			
<b>Watch list</b>																				
70	12.12%-20.67%	CCC+	Caa1	904	88	51	18.31	23	110	995	213	54	62	17.66	27	124	264			
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	185	18	50	16.98	40	192	355	112	7	48	15.53	32	147	165			
80	20.68%-99.99%	CC to C	Ca	1,001	170	49	33.16	26	136	1,361	504	138	52	33.66	18	96	484			
				2,090	276	50	25.31	26	130	2,711	829	199	54	27.10	22	110	913			
<b>Default</b>																				
90	100.00%	D	C	577	50	54	100.00	39	222	1,260	525	13	50	100.00	37	222	1,167			
				577	50	54	100.00	39	222	1,260	525	13	50	100.00	37	222	1,167			
				122,406	59,072	65	1.56	36	48	59,561	119,213	57,683	65	1.33	33	46	54,894			
<b>Sovereign Investment grade</b>																				
00	0.01%-0.015%	AAA	Aaa	28,583	187	67	0.01	5	1	211	29,296	187	67	0.01	5	1	150			
10	0.016%-0.025%	AAA	Aaa	10,210	888	67	0.02	15	3	317	9,057	884	67	0.02	15	3	289			
21	0.016%-0.025%	AA+	Aa1	3,983	1,738	66	0.02	16	2	89	2,602	1,611	66	0.02	9	2	51			
24	0.016%-0.025%	AA	Aa2	1,296	268	77	0.02	38	9	120	1,001	285	77	0.02	36	8	85			
27	0.026%-0.035%	AA-	Aa3	1,279	1,285	69	0.03	19	5	69	1,457	1,350	69	0.03	25	7	98			
31	0.036%-0.05%	A+	A1	1,083	792	69	0.04	25	8	83	941	897	69	0.04	24	8	79			
34	0.06%-0.065%	A	A2	1,108	755	70	0.05	20	8	89	1,031	738	70	0.06	20	9	96			
37	0.066%-0.08%	A-	A3	406	391	68	0.09	21	13	53	404	394	68	0.10	21	14	57			
41	0.09%-0.16%	BBB+	Baa1	584	412	68	0.15	25	18	106	583	418	68	0.16	25	20	115			
44	0.16%-0.26%	BBB	Baa2	149	57	78	0.25	43	39	58	175	56	77	0.26	41	40	71			
47	0.27%-0.42%	BBB-	Baa3	104	39	81	0.35	47	53	55	61	25	82	0.37	55	66	40			
				48,785	6,812	68	0.02	11	3	1,250	46,608	6,845	68	0.02	10	2	1,131			
<b>Non-investment grade</b>																				
51	0.43%-0.61%	BB+	Ba1	66	21	60	0.55	39	70	46	71	34	61	0.50	43	75	53			
54	0.62%-1.09%	BB	Ba2	501	232	49	0.76	8	12	58	508	220	48	0.72	7	11	56			
57	1.10%-1.92%	BB-	Ba3	11	2	76	1.45	33	76	8	13	2	76	1.46	32	76	10			
61	1.93%-3.99%	B+	B1	6	2	75	2.54	11	26	2	3	1	76	2.40	15	36	1			
64	4.00%-7.27%	B	B2	16	1	76	6.23	31	97	15	16	1	75	5.59	27	81	13			
67	7.28%-12.11%	B-	B3	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
				600	258	50	0.91	12	22	129	611	258	50	0.84	13	22	133			
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
				-	-	-	-	-	-	-	-	-	-	-	-	-	-			
				49,385	7,070	68	0.03	11	3	1,379	47,219	7,103	68	0.03	10	3	1,264			

For footnotes, see page 16.



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

(\$ millions)		Q1/16							Q4/15									
CIBC rating	Banks	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>Investment grade</b>					2,286	-	-	0.01	13	3	74	3,339	-
10		0.03%-0.03%	AAA	Aaa	24	100	-	0.03	31	12	3	44	101	-	0.03	23	7	3
21		0.03%-0.03%	AA+	Aa1	32,189	-	-	0.04	6	1	388	32,471	-	-	0.04	6	1	376
24		0.04%-0.05%	AA	Aa2	8,453	-	-	0.05	16	4	329	7,678	-	-	0.05	15	4	294
27		0.05%-0.06%	AA-	Aa3	11,014	-	-	0.08	13	6	642	11,426	-	-	0.08	13	5	606
31		0.07%-0.09%	A+	A1	8,007	77	67	0.10	17	8	663	8,643	3	73	0.11	15	8	696
34		0.09%-0.12%	A	A2	9,606	230	67	0.13	14	8	794	10,580	130	67	0.14	13	7	783
37		0.13%-0.16%	A-	A3	6,574	333	67	0.17	14	9	622	6,370	344	67	0.18	14	12	734
41		0.17%-0.22%	BBB+	Baa1	2,447	642	67	0.25	13	11	281	2,095	630	67	0.26	13	13	265
44		0.23%-0.30%	BBB	Baa2	753	129	68	0.35	19	21	160	1,112	124	68	0.37	16	18	196
47		0.31%-0.42%	BBB-	Baa3	81,353	1,511	63	0.08	11	5	3,956	83,758	1,332	62	0.09	11	5	4,045
<b>Non-investment grade</b>					823	-	-	0.55	25	32	264	707	-	-	0.50	25	28	197
51		0.43%-0.61%	BB+	Ba1	713	-	-	0.76	19	28	201	716	-	-	0.72	20	28	201
54		0.62%-1.09%	BB	Ba2	75	1	66	1.45	13	32	24	65	1	66	1.46	13	31	20
57		1.10%-1.92%	BB-	Ba3	242	2	73	2.54	8	19	46	129	2	73	2.40	13	32	41
61		1.93%-3.99%	B+	B1	394	87	60	6.23	27	97	382	423	81	60	5.59	27	97	412
64		4.00%-7.27%	B	B2	2	-	-	9.77	27	101	2	-	-	-	-	-	-	-
67		7.28%-12.11%	B-	B3	2,249	90	60	1.86	21	41	919	2,040	84	60	1.78	23	43	871
<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	83,602	1,601	63	0.13	11	6	4,875	85,798	1,416	62	0.13	11	6	4,916
<b>Commercial mortgages (Slotting approach)</b>					255,393	67,743	65	0.80	23	26	65,815	252,230	66,202	65	0.68	21	24	61,074
<b>Strong</b>					6,966	55	58	-	-	70	4,877	7,198	72	57	-	-	70	5,036
<b>Good</b>					539	4	-	-	-	90	485	556	15	47	-	-	90	500
<b>Satisfactory</b>					181	31	68	-	-	115	208	264	21	71	-	-	115	304
<b>Weak</b>					54	-	-	-	-	252	136	47	-	-	-	-	249	117
<b>Default</b>					5	-	-	-	-	-	-	5	-	-	-	-	-	-
					7,745	90	59	-	-	74	5,706	8,070	108	58	-	-	74	5,957
<b>Total business and government</b>					263,138	67,833	65	-	-	27	71,521	260,300	66,310	65	-	-	26	67,031

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

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

(\$ millions)

	PD bands	Q3/16							Expected losses	Expected losses adjusted average risk weight % <sup>2</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>3</sup></b>										
Exceptionally low	0.01% - 0.10%	99,816	-	-	0.01	5	1	952	1	1
	0.11% - 0.20%	38	-	-	0.14	22	17	7	-	18
Very low	0.21% - 0.35%	12	-	-	0.25	23	25	3	-	26
	0.36% - 0.50%	-	-	-	0.42	22	32	-	-	33
		<b>99,866</b>	<b>-</b>	<b>-</b>	<b>0.01</b>	<b>5</b>	<b>1</b>	<b>962</b>	<b>1</b>	<b>1</b>
<b>Uninsured Undrawn <sup>4</sup></b>										
Exceptionally low	0.01% - 0.10%	16,604	39,094	42	0.03	23	2	374	1	2
	0.11% - 0.20%	6,323	6,797	93	0.14	23	7	446	2	7
Very low	0.21% - 0.35%	19	44	43	0.25	24	12	2	-	12
	0.36% - 0.50%	-	-	-	-	-	-	-	-	-
Low	0.51% - 1.00%	507	1,129	45	0.56	23	20	100	1	21
	1.01% - 2.00%	215	326	66	1.26	23	34	73	1	38
Medium	2.01% - 5.00%	368	826	45	2.43	23	50	182	2	56
	5.01% - 10.00%	-	-	-	-	-	-	-	-	-
High	10.01% - 99.99%	14	22	65	15.06	24	126	18	1	172
Default	100.00%	-	-	-	-	-	-	-	-	-
		<b>24,050</b>	<b>48,238</b>	<b>50</b>	<b>0.13</b>	<b>23</b>	<b>5</b>	<b>1,195</b>	<b>8</b>	<b>5</b>
<b>Uninsured Drawn <sup>4</sup></b>										
Exceptionally low	0.01% - 0.10%	43,705	n/a	n/a	0.06	18	3	1,218	5	3
	0.11% - 0.20%	17,234	n/a	n/a	0.15	22	7	1,243	6	8
Very low	0.21% - 0.35%	13,010	n/a	n/a	0.31	18	10	1,291	7	11
	0.36% - 0.50%	264	n/a	n/a	0.41	22	15	39	-	16
Low	0.51% - 1.00%	5,899	n/a	n/a	0.77	22	23	1,366	10	25
	1.01% - 2.00%	12,398	n/a	n/a	1.23	19	27	3,304	28	29
Medium	2.01% - 5.00%	2,514	n/a	n/a	3.49	20	54	1,357	17	63
	5.01% - 10.00%	32	n/a	n/a	7.80	18	74	23	-	91
High	10.01% - 99.99%	367	n/a	n/a	28.90	21	110	405	22	184
Default	100.00%	175	n/a	n/a	100.00	22	32	56	54	420
		<b>95,598</b>	<b>n/a</b>	<b>n/a</b>	<b>0.69</b>	<b>19</b>	<b>11</b>	<b>10,302</b>	<b>149</b>	<b>13</b>
<b>Qualifying revolving credit</b>										
Exceptionally low	0.01% - 0.10%	32,065	38,437	76	0.04	91	3	817	12	3
	0.11% - 0.20%	8,415	9,082	73	0.14	85	7	589	10	9
Very low	0.21% - 0.35%	3,287	3,567	69	0.27	89	12	395	8	15
	0.36% - 0.50%	3,291	3,085	64	0.38	79	14	470	10	18
Low	0.51% - 1.00%	4,213	3,865	63	0.62	90	23	987	23	30
	1.01% - 2.00%	8,117	3,737	70	1.47	87	44	3,605	104	60
Medium	2.01% - 5.00%	5,154	1,237	75	3.53	88	83	4,294	159	122
	5.01% - 10.00%	2,430	614	90	6.89	90	132	3,203	149	208
High	10.01% - 99.99%	1,319	440	78	29.20	89	209	2,758	341	532
Default	100.00%	43	-	-	100.00	83	191	82	34	1,172
		<b>68,334</b>	<b>64,064</b>	<b>74</b>	<b>1.42</b>	<b>89</b>	<b>25</b>	<b>17,200</b>	<b>850</b>	<b>41</b>
<b>Other retail</b>										
Exceptionally low	0.01% - 0.10%	1,349	1,541	65	0.07	68	13	171	1	13
	0.11% - 0.20%	153	137	70	0.13	84	26	39	-	27
Very low	0.21% - 0.35%	955	575	45	0.30	81	43	408	2	46
	0.36% - 0.50%	376	256	56	0.40	76	48	180	1	52
Low	0.51% - 1.00%	851	351	49	0.69	77	65	554	4	72
	1.01% - 2.00%	4,800	193	56	1.32	49	56	2,698	32	65
Medium	2.01% - 5.00%	1,980	78	56	3.36	83	117	2,308	55	151
	5.01% - 10.00%	476	77	64	7.54	83	131	622	30	209
High	10.01% - 99.99%	656	228	60	44.63	41	84	554	79	235
Default	100.00%	51	-	-	100.00	82	403	205	30	1,104
		<b>11,647</b>	<b>3,436</b>	<b>58</b>	<b>4.47</b>	<b>64</b>	<b>66</b>	<b>7,739</b>	<b>234</b>	<b>92</b>
		<b>299,495</b>	<b>115,738</b>	<b>63</b>	<b>0.73</b>	<b>33</b>	<b>12</b>	<b>37,398</b>	<b>1,242</b>	<b>18</b>

For footnotes, see page 20.



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

(\$ millions)

	PD bands	EAD	Notional of undrawn commitments	Q2/16				RWA	Expected losses	Expected losses adjusted risk weight % <sup>2</sup>
				Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %			
<b>Canadian residential mortgages and HELOCs</b>										
<b>Insured Drawn and Undrawn <sup>3</sup></b>										
Exceptionally low	0.01% - 0.10%	102,560	-	-	0.01	5	1	978	1	1
	0.11% - 0.20%	36	-	-	0.14	22	18	6	-	18
Very low	0.21% - 0.35%	10	-	-	0.25	22	24	2	-	25
	0.36% - 0.50%	-	-	-	0.44	14	21	-	-	22
		102,606	-	-	0.01	5	1	986	1	1
<b>Uninsured Undrawn <sup>4</sup></b>										
Exceptionally low	0.01% - 0.10%	16,070	37,834	42	0.03	23	2	362	1	2
	0.11% - 0.20%	5,707	6,168	93	0.14	23	7	402	2	7
Very low	0.21% - 0.35%	16	36	43	0.25	24	12	2	-	12
	0.36% - 0.50%	-	-	-	-	-	-	-	-	-
Low	0.51% - 1.00%	419	937	45	0.56	24	20	83	1	22
	1.01% - 2.00%	188	266	71	1.24	23	34	63	1	37
Medium	2.01% - 5.00%	332	744	45	2.43	23	50	165	2	57
	5.01% - 10.00%	-	-	-	-	-	-	-	-	-
High	10.01% - 99.99%	12	17	67	15.14	24	124	14	-	169
Default	100.00%	-	-	-	-	-	-	-	-	-
		22,744	46,002	49	0.12	23	5	1,091	7	5
<b>Uninsured Drawn <sup>4</sup></b>										
Exceptionally low	0.01% - 0.10%	39,433	n/a	n/a	0.06	19	3	1,124	4	3
	0.11% - 0.20%	16,887	n/a	n/a	0.16	22	7	1,244	6	8
Very low	0.21% - 0.35%	11,219	n/a	n/a	0.31	18	10	1,149	7	11
	0.36% - 0.50%	345	n/a	n/a	0.41	22	15	51	-	16
Low	0.51% - 1.00%	6,089	n/a	n/a	0.78	22	24	1,435	11	26
	1.01% - 2.00%	9,790	n/a	n/a	1.23	19	27	2,681	23	30
Medium	2.01% - 5.00%	2,347	n/a	n/a	3.38	21	55	1,297	16	64
	5.01% - 10.00%	34	n/a	n/a	7.94	18	71	24	-	88
High	10.01% - 99.99%	289	n/a	n/a	27.57	21	113	326	16	183
Default	100.00%	178	n/a	n/a	100.00	23	35	61	54	417
		86,611	n/a	n/a	0.68	20	11	9,392	137	13
<b>Qualifying revolving credit</b>										
Exceptionally low	0.01% - 0.10%	32,110	38,807	76	0.04	91	3	826	12	3
	0.11% - 0.20%	8,143	8,786	73	0.14	85	7	565	10	8
Very low	0.21% - 0.35%	3,330	3,570	68	0.27	89	12	405	8	15
	0.36% - 0.50%	3,227	3,028	64	0.38	79	14	459	10	18
Low	0.51% - 1.00%	3,968	3,544	63	0.64	89	24	945	22	31
	1.01% - 2.00%	7,824	3,520	70	1.47	87	44	3,478	100	60
Medium	2.01% - 5.00%	5,202	1,196	76	3.52	89	83	4,334	160	122
	5.01% - 10.00%	2,418	582	91	6.90	90	132	3,198	149	209
High	10.01% - 99.99%	1,218	378	80	29.48	89	210	2,556	318	537
Default	100.00%	47	-	-	100.00	84	155	73	39	1,183
		67,487	63,411	74	1.40	89	25	16,839	828	40
<b>Other retail</b>										
Exceptionally low	0.01% - 0.10%	1,342	1,536	65	0.07	68	13	169	1	13
	0.11% - 0.20%	140	127	69	0.13	84	26	36	-	27
Very low	0.21% - 0.35%	954	570	45	0.30	82	43	411	2	46
	0.36% - 0.50%	360	243	55	0.40	76	48	173	1	52
Low	0.51% - 1.00%	838	342	48	0.69	78	66	553	4	73
	1.01% - 2.00%	4,716	188	56	1.31	48	55	2,605	31	64
Medium	2.01% - 5.00%	1,977	74	57	3.37	84	117	2,310	55	152
	5.01% - 10.00%	478	75	64	7.53	83	130	621	30	208
High	10.01% - 99.99%	640	236	61	44.79	41	86	548	75	231
Default	100.00%	52	-	-	100.00	82	330	171	34	1,149
		11,497	3,391	58	4.46	64	66	7,597	233	91
		290,945	112,804	63	0.72	33	12	35,905	1,206	18

For footnotes, see page 20.



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

(\$ millions)

		Q1/16							Expected losses adjusted risk weight % <sup>2</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>3</sup></b>										
Exceptionally low	0.01% - 0.10%	103,164	-	-	0.01	5	1	977	1	1
	0.11% - 0.20%	39	-	-	0.14	22	18	7	-	18
Very low	0.21% - 0.35%	11	-	-	0.25	23	25	3	-	25
	0.36% - 0.50%	-	-	-	0.40	25	34	-	-	35
		103,214	-	-	0.01	5	1	987	1	1
<b>Uninsured Undrawn <sup>4</sup></b>										
Exceptionally low	0.01% - 0.10%	15,533	36,550	42	0.03	23	2	350	1	2
	0.11% - 0.20%	4,654	5,107	91	0.14	23	7	327	1	7
Very low	0.21% - 0.35%	16	37	43	0.25	24	12	2	-	12
	0.36% - 0.50%	-	-	-	-	-	-	-	-	-
Low	0.51% - 1.00%	444	990	45	0.57	23	20	88	1	22
	1.01% - 2.00%	190	269	71	1.24	23	34	64	1	37
Medium	2.01% - 5.00%	326	729	45	2.43	23	50	162	2	57
	5.01% - 10.00%	-	-	-	-	-	-	-	-	-
High	10.01% - 99.99%	14	23	61	15.58	24	126	18	1	173
Default	100.00%	-	-	-	-	-	-	-	-	-
		21,177	43,705	48	0.13	23	5	1,011	7	5
<b>Uninsured Drawn <sup>4</sup></b>										
Exceptionally low	0.01% - 0.10%	36,485	n/a	n/a	0.06	19	3	1,048	4	3
	0.11% - 0.20%	16,160	n/a	n/a	0.15	22	7	1,176	6	8
Very low	0.21% - 0.35%	10,932	n/a	n/a	0.31	18	10	1,134	6	11
	0.36% - 0.50%	426	n/a	n/a	0.41	21	15	62	-	16
Low	0.51% - 1.00%	5,757	n/a	n/a	0.77	22	23	1,346	10	26
	1.01% - 2.00%	10,269	n/a	n/a	1.23	19	28	2,844	24	31
Medium	2.01% - 5.00%	2,210	n/a	n/a	3.40	21	55	1,206	15	63
	5.01% - 10.00%	44	n/a	n/a	7.39	19	73	33	1	90
High	10.01% - 99.99%	295	n/a	n/a	28.91	21	111	328	17	184
Default	100.00%	160	n/a	n/a	100.00	22	34	54	50	428
		82,738	n/a	n/a	0.70	20	11	9,231	133	13
<b>Qualifying revolving credit</b>										
Exceptionally low	0.01% - 0.10%	33,606	40,682	76	0.05	91	3	961	14	3
	0.11% - 0.20%	3,020	3,510	71	0.17	87	8	244	4	10
Very low	0.21% - 0.35%	7,999	7,734	70	0.30	88	13	1,048	21	16
	0.36% - 0.50%	493	815	55	0.40	55	11	52	1	13
Low	0.51% - 1.00%	6,416	4,991	64	0.69	88	25	1,616	39	33
	1.01% - 2.00%	6,318	2,789	75	1.59	89	48	3,018	89	65
Medium	2.01% - 5.00%	5,444	1,343	74	3.26	89	80	4,359	157	116
	5.01% - 10.00%	2,122	395	86	6.57	91	130	2,759	126	204
High	10.01% - 99.99%	1,356	404	80	27.58	89	209	2,831	331	514
Default	100.00%	43	-	-	100.00	82	169	73	35	1,184
		66,817	62,663	74	1.39	90	25	16,961	817	41
<b>Other retail</b>										
Exceptionally low	0.01% - 0.10%	1,091	1,526	63	0.07	72	13	145	1	14
	0.11% - 0.20%	290	43	47	0.16	65	23	66	-	24
Very low	0.21% - 0.35%	735	708	50	0.29	81	43	313	2	46
	0.36% - 0.50%	385	169	49	0.43	76	50	194	1	55
Low	0.51% - 1.00%	1,254	350	48	0.62	80	64	806	6	71
	1.01% - 2.00%	4,923	187	59	1.40	51	60	2,958	38	70
Medium	2.01% - 5.00%	1,217	76	57	3.39	82	116	1,407	34	150
	5.01% - 10.00%	587	60	56	6.60	84	128	754	33	198
High	10.01% - 99.99%	640	238	62	45.32	41	85	545	79	240
Default	100.00%	47	-	-	100.00	81	306	145	29	1,071
		11,169	3,357	57	4.47	64	66	7,333	223	91
		285,115	109,725	63	0.72	33	12	35,523	1,181	18

For footnotes, see page 20.



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

(\$ millions)

		Q4/15								
		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>2</sup>
<b>Canadian residential mortgages and HELOCs</b>										
<b>Insured Drawn and Undrawn <sup>3</sup></b>		<b>PD bands</b>								
Exceptionally low	0.01% - 0.10%	103,985	-	-	0.01	5	1	974	1	1
	0.11% - 0.20%	41	-	-	0.14	22	18	7	-	18
Very low	0.21% - 0.35%	9	-	-	0.25	23	25	2	-	26
	0.36% - 0.50%	-	-	-	0.50	22	34	-	-	35
		104,035	-	-	0.01	5	1	983	1	1
<b>Uninsured Undrawn <sup>4</sup></b>										
Exceptionally low	0.01% - 0.10%	14,921	35,107	43	0.03	23	2	337	1	2
	0.11% - 0.20%	5,387	5,876	92	0.14	23	2	379	2	2
Very low	0.21% - 0.35%	29	69	43	0.25	24	12	3	-	12
	0.36% - 0.50%	-	-	-	-	-	-	-	-	-
Low	0.51% - 1.00%	580	1,302	45	0.56	23	20	115	1	22
	1.01% - 2.00%	172	255	67	1.26	23	34	58	1	38
Medium	2.01% - 5.00%	298	663	45	2.43	23	50	148	2	57
	5.01% - 10.00%	-	-	-	-	-	-	-	-	-
High	10.01% - 99.99%	9	13	72	15.13	24	126	12	-	171
Default	100.00%	-	-	-	-	-	-	-	-	-
		21,396	43,285	49	0.12	23	4	1,052	7	5
<b>Uninsured Drawn <sup>4</sup></b>										
Exceptionally low	0.01% - 0.10%	32,654	n/a	n/a	0.06	19	3	945	4	3
	0.11% - 0.20%	14,780	n/a	n/a	0.15	22	7	1,061	5	8
Very low	0.21% - 0.35%	9,702	n/a	n/a	0.31	19	11	1,024	6	11
	0.36% - 0.50%	390	n/a	n/a	0.40	21	14	56	-	15
Low	0.51% - 1.00%	5,005	n/a	n/a	0.76	22	23	1,159	9	25
	1.01% - 2.00%	13,923	n/a	n/a	1.24	19	27	3,823	33	30
Medium	2.01% - 5.00%	1,860	n/a	n/a	3.39	21	54	1,009	13	63
	5.01% - 10.00%	37	n/a	n/a	7.31	20	76	28	1	93
High	10.01% - 99.99%	238	n/a	n/a	27.45	21	114	271	14	186
Default	100.00%	155	n/a	n/a	100.00	22	32	49	48	421
		78,744	n/a	n/a	0.72	20	12	9,425	133	14
<b>Qualifying revolving credit</b>										
Exceptionally low	0.01% - 0.10%	32,542	38,943	76	0.05	91	3	944	14	3
	0.11% - 0.20%	2,999	3,418	71	0.17	87	8	242	4	10
Very low	0.21% - 0.35%	8,135	7,867	70	0.30	87	13	1,062	22	16
	0.36% - 0.50%	541	830	57	0.41	54	11	58	1	14
Low	0.51% - 1.00%	6,722	5,229	64	0.69	88	25	1,687	41	33
	1.01% - 2.00%	6,492	3,013	74	1.58	89	47	3,077	90	65
Medium	2.01% - 5.00%	5,117	1,481	72	3.23	89	79	4,061	146	115
	5.01% - 10.00%	1,925	440	83	6.49	90	128	2,471	112	201
High	10.01% - 99.99%	1,212	423	75	26.56	87	202	2,445	279	489
Default	100.00%	37	-	-	100.00	80	160	59	30	1,161
		65,722	61,644	73	1.29	89	25	16,106	739	39
<b>Other retail</b>										
Exceptionally low	0.01% - 0.10%	1,076	1,504	62	0.07	72	14	146	1	14
	0.11% - 0.20%	305	52	52	0.16	64	23	69	-	24
Very low	0.21% - 0.35%	733	713	50	0.30	81	43	315	2	46
	0.36% - 0.50%	385	158	48	0.43	74	49	189	1	53
Low	0.51% - 1.00%	1,235	341	48	0.62	80	64	795	6	71
	1.01% - 2.00%	4,897	190	58	1.40	49	58	2,857	36	68
Medium	2.01% - 5.00%	1,268	74	56	3.40	82	116	1,471	35	151
	5.01% - 10.00%	605	61	59	6.60	84	128	776	34	198
High	10.01% - 99.99%	640	244	61	46.86	38	79	506	75	226
Default	100.00%	48	-	-	100.00	80	314	150	29	1,070
		11,192	3,337	57	4.57	63	65	7,274	219	90
		281,089	108,266	63	0.70	33	12	34,840	1,099	17

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

<sup>3</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>4</sup> Comprises both residential mortgages and HELOCs.

n/a Not applicable.





## AIRB CREDIT RISK EXPOSURE - LOSS EXPERIENCE

	Q3/16		Q2/16		Q1/16		Q4/15	
	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	0.56	0.31	0.53	0.25	0.52	0.13	0.54	0.11
Sovereign	0.01	-	0.01	-	0.01	-	0.01	-
Banks	0.12	-	0.11	-	0.13	-	0.12	-
<b>Retail portfolios</b>								
Real estate secured personal lending	0.07	0.01	0.06	0.01	0.06	0.01	0.06	0.01
Qualifying revolving retail	3.66	2.86	3.42	2.77	3.67	2.75	3.61	2.72
Other retail	2.21	1.04	2.13	1.03	2.20	1.09	2.51	1.09

  

	Q3/15		Q2/15		Q1/15		Q4/14	
	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	0.55	0.10	0.55	0.10	0.55	0.13	0.55	0.10
Sovereign	0.01	-	-	-	-	-	-	-
Banks	0.14	-	0.18	-	0.16	-	0.12	-
<b>Retail portfolios</b>								
Real estate secured personal lending	0.05	0.01	0.05	0.01	0.05	0.02	0.05	0.02
Qualifying revolving retail	3.89	2.82	4.05	2.91	4.04	2.90	4.08	3.03
Other retail	2.45	1.10	2.45	1.12	2.80	1.12	2.44	1.27

<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)

	Q3/16					Total	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14
	Drawn	Undrawn commitments	Repo-style transactions	Other off-balance sheet	OTC derivatives									
Commercial mortgages	2,107	19	-	-	-	2,126	2,617	7,746	8,066	8,128	8,174	7,987	7,940	7,849
Financial institutions	34,880	4,400	8,823	67,639	10,552	126,294	120,458	120,593	127,879	133,913	127,897	113,798	96,027	97,272
Retail and wholesale	4,046	2,586	-	266	103	7,001	7,016	6,769	6,806	6,466	6,336	6,196	6,178	6,063
Business services	5,672	2,135	5	400	96	8,308	8,183	7,659	7,312	7,365	6,912	7,679	7,105	6,509
Manufacturing - capital goods	2,178	2,092	-	260	253	4,783	4,763	5,218	4,528	4,338	4,028	4,100	3,650	3,365
Manufacturing - consumer goods	3,010	1,395	-	235	65	4,705	4,621	4,403	4,065	4,144	3,714	3,856	3,556	3,516
Real estate and construction	26,312	6,047	-	996	261	33,616	30,896	25,445	24,074	23,327	21,523	21,310	20,195	19,284
Agriculture	5,194	1,415	-	64	76	6,749	6,590	6,526	6,278	6,063	5,770	5,697	5,297	5,504
Oil and gas	7,111	7,893	-	955	1,226	17,185	16,497	18,653	17,276	17,384	16,683	16,707	15,407	15,037
Mining	1,656	2,387	-	695	62	4,800	4,725	5,276	4,816	4,718	4,573	4,724	4,154	4,068
Forest products	494	551	-	124	27	1,196	1,207	1,221	1,283	1,301	1,376	1,381	1,232	1,215
Hardware and software	736	409	-	28	25	1,198	1,346	1,179	1,112	1,147	904	957	952	1,147
Telecommunications and cable	871	855	-	280	132	2,138	2,126	2,321	2,241	2,169	2,007	2,101	2,083	2,107
Broadcasting, publishing, and printing	533	182	-	172	12	899	884	730	681	691	771	673	678	663
Transportation	2,698	1,795	-	510	728	5,731	5,254	5,175	4,999	4,906	4,570	4,571	4,322	4,078
Utilities	3,686	4,840	-	2,200	709	11,435	11,725	11,848	10,943	10,467	10,381	10,201	9,316	9,149
Education, health, and social services	2,632	811	33	89	134	3,699	3,573	3,443	2,971	2,832	2,776	2,948	2,873	2,748
Governments	20,678	3,108	402	380	3,512	28,080	26,096	28,933	24,970	24,664	12,804	24,389	20,897	23,467
	<b>124,494</b>	<b>42,920</b>	<b>9,263</b>	<b>75,293</b>	<b>17,973</b>	<b>269,943</b>	258,577	263,138	260,300	264,023	241,199	239,275	211,862	213,041

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

## EXPOSURE AT DEFAULT UNDER THE STANDARDIZED APPROACH

(\$ millions)

	Risk-weight category							Total
	0%	20%	35%	50%	75%	100%	150%	
<b>Q3/16</b>								
<b>Corporate</b>	-	-	-	-	-	3,622	40	3,662
<b>Sovereign</b>	3,767	327	-	150	-	454	42	4,740
<b>Banks</b>	-	1,602	-	233	-	223	-	2,058
<b>Real estate secured personal lending</b>	-	-	-	-	2,300	-	279	2,579
<b>Other retail</b>	-	-	-	-	722	-	70	792
	<b>3,767</b>	<b>1,929</b>	<b>-</b>	<b>383</b>	<b>3,022</b>	<b>4,299</b>	<b>431</b>	<b>13,831</b>
<b>Q2/16</b>	3,570	1,799	-	366	2,863	4,087	440	13,125
<b>Q1/16</b>	4,178	1,963	-	280	3,196	4,715	532	14,864
<b>Q4/15</b>	4,157	1,560	-	263	2,964	4,332	494	13,770
<b>Q3/15</b>	4,201	1,507	-	221	2,931	4,288	553	13,701
<b>Q2/15</b>	3,832	1,258	-	249	2,748	4,006	518	12,611
<b>Q1/15</b>	4,194	1,206	-	211	2,893	4,524	573	13,601
<b>Q4/14</b>	3,463	1,123	-	218	2,629	4,140	444	12,017
<b>Q3/14</b>	3,058	1,299	-	190	2,566	4,337	393	11,843

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

(\$ millions)

	Q3/16			Q2/16			Q1/16			Q4/15		
	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	7,833	1,071	3,810	7,253	1,142	3,043	7,265	1,382	1,629	7,523	1,238	4,685
Sovereign	114	6,226	-	18	8,556	-	-	7,655	-	-	4,383	-
Banks	-	5,086	31,589	-	1,861	30,672	-	2,234	30,649	-	3,211	32,189
Real estate secured personal lending	2,210	97,656	-	2,199	100,408	-	2,056	101,158	-	1,884	102,154	-
Other retail	-	16	-	-	17	-	-	19	-	-	22	-
	<b>10,157</b>	<b>110,055</b>	<b>35,399</b>	<b>9,470</b>	<b>111,984</b>	<b>33,715</b>	<b>9,321</b>	<b>112,448</b>	<b>32,278</b>	<b>9,407</b>	<b>111,008</b>	<b>36,874</b>

  

	Q3/15			Q2/15			Q1/15			Q4/14		
	Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives		
	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank
Corporate	8,263	751	4,346	7,766	857	4,221	6,639	946	2,986	6,242	851	70
Sovereign	-	3,048	-	3	4,118	-	3	6,613	-	4	5,097	-
Banks	-	2,886	35,321	10	1,100	45,290	-	969	31,224	-	1,123	1,612
Real estate secured personal lending	1,649	102,009	-	1,366	102,696	-	1,377	103,216	-	1,063	101,287	-
Other retail	-	24	-	-	26	-	-	29	-	-	32	-
	<b>9,912</b>	<b>108,718</b>	<b>39,667</b>	<b>9,145</b>	<b>108,797</b>	<b>49,511</b>	<b>8,019</b>	<b>111,773</b>	<b>34,210</b>	<b>7,309</b>	<b>108,390</b>	<b>1,682</b>

## EXPOSURE SECURITIZED AS ORIGINATOR

(\$ millions)

	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14
	Total	Total	Total	Total	Total	Total	Total	Total	Total
<b>Commercial mortgages</b>									
Securitized	194	209	223	225	228	230	233	245	252
Sold	194	209	223	225	228	230	233	245	252
Impaired and other past due loans <sup>2</sup>	-	-	-	-	-	-	-	-	-
Net write-offs for the period	-	-	-	-	-	-	-	-	-

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

<sup>2</sup> Other past due loans are loans with repayment of principal and payment of interest overdue for over 90 days.

## BANK SPONSORED MULTI-SELLER CONDUITS EXPOSURE

(\$ millions)	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14
	Asset amount								
Canadian residential mortgages	593	-	-	-	-	-	-	-	-
Auto and fleet leases	1,147	1,223	1,292	930	987	743	698	535	553
Auto loans	577	677	778	884	485	560	631	708	788
Franchise loans	470	461	409	391	398	373	356	361	350
Credit cards	725	710	710	710	710	710	710	535	675
Equipment leases/loans	1,218	1,186	1,198	950	988	628	576	437	332
Trade receivables	-	-	-	-	-	-	78	22	-
Dealer floorplan	55	55	55	115	145	125	60	60	60
	<b>4,785</b>	<b>4,312</b>	<b>4,442</b>	<b>3,980</b>	<b>3,713</b>	<b>3,139</b>	<b>3,109</b>	<b>2,658</b>	<b>2,758</b>
Impaired and other past due loans <sup>1</sup>	<b>17</b>	<b>18</b>	<b>18</b>	<b>16</b>	<b>16</b>	<b>18</b>	<b>21</b>	<b>20</b>	<b>20</b>

## TOTAL SECURITIZATION EXPOSURES (IRB APPROACH)

(\$ millions)	Q3/16				Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	
	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>													
Third party securitized assets <sup>3</sup>													
CIBC sponsored conduits and structured vehicles	326	7,022	-	7,348	3	6,424	6,352	5,561	5,631	5,117	5,103	4,312	4,465
Third party structured vehicles	4,885	1,829	4,686	11,400	829	11,153	12,516	10,315	10,306	9,851	10,428	10,678	10,619
<b>Trading <sup>4</sup></b>	155	-	-	155	-	159	277	247	345	252	377	378	432
<b>Total EAD</b>	<b>5,366</b>	<b>8,851</b>	<b>4,686</b>	<b>18,903</b>	<b>832</b>	<b>17,736</b>	<b>19,145</b>	<b>16,123</b>	<b>16,282</b>	<b>15,220</b>	<b>15,908</b>	<b>15,368</b>	<b>15,516</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 \$716 million (Q2/16: \$757 million) of investments and loans, \$57 million (Q2/16: \$57 million) of undrawn credit facilities and \$59 million (Q2/16: \$105 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)

	Q3/16						Q2/16					
	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-	155	-	15	-	1	-	159	-	12	-	1	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total trading</b>	<b>155</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>159</b>	<b>-</b>	<b>12</b>	<b>-</b>	<b>1</b>	<b>-</b>
<b>Non-trading</b>												
Ratings based approach												
AAA to BBB-	4,118	540	305	317	24	25	4,057	628	293	346	23	28
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	13	-	163	-	13	-	13	-	157	-	13	-
	4,131	540	468	317	37	25	4,070	628	450	346	36	28
Internal assessment approach												
AAA to BBB-	6,375	-	446	-	36	-	5,501	-	385	-	30	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
	6,375	-	446	-	36	-	5,501	-	385	-	30	-
Supervisory formula approach	7,410	46	868	191	70	15	7,086	44	663	129	53	10
Unrated exposure <sup>2</sup>	-	-	-	-	-	-	-	1	-	8	-	1
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total non-trading</b>	<b>17,916</b>	<b>586</b>	<b>1,782</b>	<b>508</b>	<b>143</b>	<b>40</b>	<b>16,657</b>	<b>673</b>	<b>1,498</b>	<b>483</b>	<b>119</b>	<b>39</b>
<b>Total exposure</b>	<b>18,071</b>	<b>586</b>	<b>1,797</b>	<b>508</b>	<b>144</b>	<b>40</b>	<b>16,816</b>	<b>673</b>	<b>1,510</b>	<b>483</b>	<b>120</b>	<b>39</b>

(\$ millions)

	Q1/16						Q4/15					
	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-	277	-	22	-	2	-	247	-	20	-	2	-
Unrated exposure	-	-	2	-	-	-	-	-	4	-	-	-
<b>Total trading</b>	<b>277</b>	<b>-</b>	<b>24</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>247</b>	<b>-</b>	<b>24</b>	<b>-</b>	<b>2</b>	<b>-</b>
<b>Non-trading</b>												
Ratings based approach												
AAA to BBB-	4,441	715	321	382	26	31	4,015	747	292	391	23	31
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	14	-	175	-	14	-	13	-	163	-	13	-
	4,455	715	496	382	40	31	4,028	747	455	391	36	31
Internal assessment approach												
AAA to BBB-	5,390	-	377	-	30	-	4,785	-	335	-	27	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
	5,390	-	377	-	30	-	4,785	-	335	-	27	-
Supervisory formula approach	7,977	50	717	127	57	10	5,969	66	497	325	40	26
Unrated exposure <sup>2</sup>	-	1	-	9	-	1	-	1	-	8	-	1
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total non-trading</b>	<b>17,822</b>	<b>766</b>	<b>1,590</b>	<b>518</b>	<b>127</b>	<b>42</b>	<b>14,782</b>	<b>814</b>	<b>1,287</b>	<b>724</b>	<b>103</b>	<b>58</b>
<b>Total exposure</b>	<b>18,099</b>	<b>766</b>	<b>1,614</b>	<b>518</b>	<b>129</b>	<b>42</b>	<b>15,029</b>	<b>814</b>	<b>1,311</b>	<b>724</b>	<b>105</b>	<b>58</b>

For footnotes, see next page.





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

(\$ millions)	Q3/15						Q2/15					
	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-	344	-	28	-	2	-	252	-	19	-	2	-
Unrated exposure	1	-	6	-	1	-	-	-	1	-	-	-
<b>Total trading</b>	<b>345</b>	<b>-</b>	<b>34</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>252</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>2</b>	<b>-</b>
<b>Non-trading</b>												
Ratings based approach												
AAA to BBB-	4,153	879	301	433	24	35	3,531	989	260	467	21	37
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	13	-	164	-	13	-	12	-	151	-	12	-
<b>Total ratings based approach</b>	<b>4,166</b>	<b>879</b>	<b>465</b>	<b>433</b>	<b>37</b>	<b>35</b>	<b>3,543</b>	<b>989</b>	<b>411</b>	<b>467</b>	<b>33</b>	<b>37</b>
Internal assessment approach												
AAA to BBB-	4,405	-	308	-	25	-	4,033	-	282	-	23	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total internal assessment approach</b>	<b>4,405</b>	<b>-</b>	<b>308</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>4,033</b>	<b>-</b>	<b>282</b>	<b>-</b>	<b>23</b>	<b>-</b>
Supervisory formula approach												
Unrated exposure <sup>2</sup>	6,103	68	590	252	46	20	5,864	65	566	280	45	22
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total non-trading</b>	<b>14,687</b>	<b>948</b>	<b>1,370</b>	<b>693</b>	<b>109</b>	<b>56</b>	<b>13,454</b>	<b>1,055</b>	<b>1,291</b>	<b>755</b>	<b>104</b>	<b>60</b>
<b>Total exposure</b>	<b>15,032</b>	<b>948</b>	<b>1,404</b>	<b>693</b>	<b>112</b>	<b>56</b>	<b>13,706</b>	<b>1,055</b>	<b>1,311</b>	<b>755</b>	<b>106</b>	<b>60</b>

(\$ millions)	Q1/15						Q4/14					
	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-	369	-	29	-	2	-	378	-	27	-	2	-
Unrated exposure	8	-	95	-	8	-	-	-	-	-	-	-
<b>Total trading</b>	<b>377</b>	<b>-</b>	<b>124</b>	<b>-</b>	<b>10</b>	<b>-</b>	<b>378</b>	<b>-</b>	<b>27</b>	<b>-</b>	<b>2</b>	<b>-</b>
<b>Non-trading</b>												
Ratings based approach												
AAA to BBB-	3,838	1,130	282	522	22	42	4,052	1,170	302	539	24	43
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	13	-	159	-	13	-	20	-	256	-	20	-
<b>Total ratings based approach</b>	<b>3,851</b>	<b>1,130</b>	<b>441</b>	<b>522</b>	<b>35</b>	<b>42</b>	<b>4,072</b>	<b>1,170</b>	<b>558</b>	<b>539</b>	<b>44</b>	<b>43</b>
Internal assessment approach												
AAA to BBB-	4,260	-	298	-	24	-	3,798	-	266	-	21	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total internal assessment approach</b>	<b>4,260</b>	<b>-</b>	<b>298</b>	<b>-</b>	<b>24</b>	<b>-</b>	<b>3,798</b>	<b>-</b>	<b>266</b>	<b>-</b>	<b>21</b>	<b>-</b>
Supervisory formula approach												
Unrated exposure <sup>2</sup>	5,704	70	488	305	39	24	5,411	71	460	19	37	2
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total non-trading</b>	<b>13,830</b>	<b>1,201</b>	<b>1,261</b>	<b>835</b>	<b>101</b>	<b>67</b>	<b>13,294</b>	<b>1,242</b>	<b>1,316</b>	<b>571</b>	<b>105</b>	<b>46</b>
<b>Total exposure</b>	<b>14,207</b>	<b>1,201</b>	<b>1,385</b>	<b>835</b>	<b>111</b>	<b>67</b>	<b>13,672</b>	<b>1,242</b>	<b>1,343</b>	<b>571</b>	<b>107</b>	<b>46</b>

<sup>1</sup> Net of financial collateral of \$246 million (Q2/16: \$247 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.

## Basel III leverage ratio/Leverage ratio

Defined as Tier 1 capital divided by Basel III Leverage Exposure.

## Basel III leverage exposure/Leverage exposure

For the purposes of the Basel III 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, and other off-balance sheet exposures (such as commitments, direct credit substitutes, forward asset purchases, standby/trade letters of credit, securitization exposures).

## 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 RWA, in accordance with guidelines issued by OSFI which are based on BCBS standards. During the period beginning in the third quarter of 2014 to the fourth quarter of 2018, the calculation of CIBC's CET1, Tier 1 and Total capital ratios will be based on different levels of RWAs. This occurs because of the option CIBC chose 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).

## 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 exposure at default.

## 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 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 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.

## 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.