

# Supplementary Regulatory Capital Disclosure

For the period ended April 30, 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

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This document is unaudited and should be read in conjunction with our quarterly report to shareholders and news release for Q2/16, 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.

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

_ ^	ons)		Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14
			Cross-								
Row <sup>2</sup>	Common Equity Tier 1 (CET1) capital: instruments and reserves		reference <sup>3</sup>								
1	Directly issued qualifying common share capital plus related stock surplus	7.864	A+B	7,861	7.889	7,879	7.880	7,870	7,857	7,836	7.827
2	Retained earnings	12,197	С	11,785	11,433	11,119	10,590	10,121	9,626	9,258	8,820
2		522	D		1,038	871	233	274	9,626		60 o,820
	Accumulated other comprehensive income (and other reserves)	522 97	E	1,124	1,038	95		274 90	105	(18) 79	60 84
5	Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)	-	E	109	-		86		-	-	-
6	Common Equity Tier 1 capital before regulatory adjustments	20,680		20,879	20,454	19,964	18,789	18,355	17,670	17,155	16,791
7	Common Equity Tier 1 capital: regulatory adjustments		One factoria E	50	50	50	54	60	50	50	
	Prudential valuation adjustments <sup>4</sup>	63	See footnote 5	59	50	56	51		52	52	-
8	Goodwill (net of related tax liabilities)	1,785	F+G+H	1,887	1,824	1,826	1,655	1,683	1,627	1,613	1,367
9	Other intangibles other than mortgage-servicing rights (net of related tax liabilities)	1,166	I+J+AL	1,149	1,080	1,039	974	930	862	826	806
10	Deferred tax assets excluding those arising from temporary differences (net of related tax liabilities)	99	K	117	62	60	60	71	73	64	66
11	Cash flow hedge reserve	18	L	15	22	16	14	(1)	26	26	27
12	Shortfall of allowances to expected losses	193	See footnote 5	213	121	73			28	27	35
14	Gain and losses due to changes in own credit risk on fair valued liabilities	72	M+AK	109	81	71	67	53	45	60	63
15	Defined benefit pension fund net assets (net of related tax liabilities)	110	N+O	124	385	234	100	95	86	113	211
16	Investments in own shares (if not already netted off paid-in capital on reported balance sheet)	9	See footnote 5	9		1	2	2		20	21
19	Significant investments in the common stock of banking, financial and insurance entities that are outside										
	the scope of regulatory consolidation, net of eligible short positions (amount above 10% threshold)		P+Q					241	264	201	472
22	Amount exceeding the 15% threshold	-		-	-	-	-	188	-	-	82
23	of which: significant investments in the common stock of financials		R+S	-	-	-	-	119	-	-	55
25	of which: deferred tax assets arising from temporary differences	-	Т	-	-	-	-	69	-	-	27
28	Total regulatory adjustments to Common Equity Tier 1	3,515		3,682	3,625	3,376	2,923	3,322	3,063	3,002	3,150
29	Common Equity Tier 1 capital (CET1)	17,165		17,197	16,829	16,588	15,866	15,033	14,607	14,153	13,641
	Additional Tier 1 (AT1) capital: instruments										
30	Directly issued qualifying Additional Tier 1 instruments plus related stock surplus <sup>6</sup>	1,000		1,000	1,000	1,000	1,000	1,031	1,031	1,281	881
31	of which: classified as equity under applicable accounting standards	1,000	U	1,000	1,000	1,000	1,000	1,031	1,031	1,281	881
33	Directly issued capital instruments subject to phase out from Additional Tier 1	1,504	V+see footnote 7	1,504	1,679	1,684	1,674	1,695	1,651	1,649	2,005
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	W	15	12	12	11	12	11	10	9
36	Additional Tier 1 capital before regulatory adjustments	2,517		2,519	2,691	2,696	2,685	2,738	2,693	2,940	2,895
	Additional Tier 1 capital: regulatory adjustments										
41	Other deductions from Tier 1 capital as determined by OSFI <sup>4</sup>	-		-	-	-	-	-	-	-	48
41b	of which: valuation adjustment for less liquid positions <sup>4</sup>	-		-	-	-	-	-	-	-	48
43	Total regulatory adjustments to Additional Tier 1 capital	-		-	-	-	-	-	•	-	48
44	Additional Tier 1 capital (AT1)	2,517		2,519	2,691	2,696	2,685	2,738	2,693	2,940	2,847
45	Tier 1 capital (T1 = CET1 + AT1)	19,682		19,716	19,520	19,284	18,551	17,771	17,300	17,093	16,488
	Tier 2 capital: instruments and provisions										
46	Directly issued qualifying Tier 2 instruments plus related stock surplus <sup>8</sup>	1,986	X	1,991	1,000	972	1,000	1,000	1,000		
47	Directly issued capital instruments subject to phase out from Tier 2	1,327	Y	1,351	2,828	2,831	2,831	3,154	3,605	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)	17	Z	19	16	16	15	15	14	13	12
50	Collective allowances	71	AA+AB	76	70	70	87	84	70	73	101
51	Tier 2 capital before regulatory adjustments	3,401		3,437	3,914	3,889	3,933	4,253	4,689	3,691	3,718
	Total regulatory adjustments to Tier 2 capital	-		- 1	- 1	- 1	-	-	-	-	- 1
	Tier 2 capital (T2)	3,401		3,437	3,914	3,889	3,933	4,253	4,689	3,691	3,718
	Total capital (TC = T1 + T2)	23,083		23,153	23,434	23,173	22,484	22,024	21,989	20,784	20,206
	Total RWA <sup>4</sup>	n/a					,.o.: n/a	,o : n/a	,000	n/a	135,883
	Common Equity Tier 1 (CET1) Capital RWA 4.9	165,419		162,583	156,107	153,889	146,951	146,554	141,250	139,920	135.883
60b	Tier 1 Capital RWA <sup>4,9</sup>	165,746		162.899	156,401	154,176	147.173	146.847	141.446	140.174	135.883
	Total Capital RWA <sup>4,9</sup>	166,027		163,169	156,652	154,422	147,364	147,097	141,739	140,556	135,883

For footnotes, see next page.

CIBC

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

(\$ mill	ions)		Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14
Row			Cross- reference <sup>3</sup>								
non	Capital ratios		101010100								
61	Common Equity Tier 1 (as a percentage of risk-weighted assets)	10.4%		10.6%	10.8%	10.8%	10.8%	10.3%	10.3%	10.1%	10.0%
62	Tier 1 (as a percentage of risk-weighted assets)	11.9%		12.1%	12.5%	12.5%	12.6%	12.1%	12.2%	12.2%	12.1%
63	Total capital (as a percentage of risk-weighted assets)	13.9%		14.2%	15.0%	15.0%	15.3%	15.0%	15.5%	14.8%	14.9%
64	Buffer requirement (minimum CET1 requirement plus capital conservation buffer plus G-SIB										
	buffer requirement plus D-SIB buffer requirement expressed as a percentage of risk-weighted assets)	8.0%		8.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
65	of which: capital conservation buffer requirement	2.5%		2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
67a	of which: D-SIB buffer requirement	1.0%		1.0%	n/a	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)	10.4%		10.6%	10.8%	10.8%	10.8%	10.3%	10.3%	10.1%	10.0%
	OSFI all-in target (minimum + capital conservation buffer + D-SIB surcharge (if applicable))										
69	Common Equity Tier 1 all-in target ratio	8.0%		8.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
70	Tier 1 capital all-in target ratio	9.5%		9.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%
71	Total capital all-in target ratio	11.5%		11.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%
	Amounts below the thresholds for deduction (before risk-weighting)		AG+AI+AJ+								
72	Non-significant investments in the capital of other financials	425	see footnote 10	432	406	453	429	441	389	496	547
73	Significant investments in the common stock of financials	1,463	AD+AE+AF	1,521	1,520	1,505	1,548	1,427	1,487	1,436	1,365
75	Deferred tax assets arising from temporary differences (net of related tax liabilities)	892	AC	841	783	799	791	829	643	652	681
	Applicable caps on the inclusion of allowances in Tier 2										
	Allowances eligible for inclusion in Tier 2 in respect of exposures subject to standardized approach										
76	(prior to application of cap)	71		76	70	70	68	75	70	73	101
77	Cap on inclusion of allowances in Tier 2 under standardized approach	71	AA	76	70	70	68	75	70	73	101
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	-	-	-
	Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2013 and 1 Jan 2022)			,	,	,	,	,	,	,	,
80	Current cap on CET1 instruments subject to phase out arrangements	n/a		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
81	Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)	n/a		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
00		4.501	V+see	4.504	4 75 4	4 75 4	4 75 4	4 75 4	0.005	0.005	0.005
82	Current cap on AT1 instruments subject to phase out arrangements	1,504	footnote 7	1,504	1,754	1,754	1,754	1,754	2,005	2,005	2,005
83	Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	165	AH+see footnote 7	173	_	_	_	_	_	_	135
84	Current cap on T2 instruments subject to phase out arrangements	2,704		2,704	- 3,154	3,154	3,154	3,154	3,605	3,605	3,605
04 85	Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	2,104		2,704	3,134	3,134	3,134	653	3,605	285	3,603
00			I	-	-	-	-	000	320	200	524

1 All-in is defined by OSFI as capital calculated to include all of the regulatory adjustments that will be required by 2019, but retaining the phase-out rules for non-qualifying capital instruments. OSFI mandated all institutions to have established a target CET1 ratio of 7%, comprised of the 2019 all-in minimum ratio plus conservation buffer 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.

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

3 Cross-referenced to the consolidated balance sheet, refer to pages 3 and 4.

4 OSFI issued a revised "Public Capital Disclosure Requirements related to Basel III Pillar 3" advisory in April 2014, which provided modifications to the disclosures required by the earlier advisory issued in July 2013. We have implemented these modifications prospectively from Q3/14 in accordance with OSFI's revised advisory.

5 Not recorded on the consolidated balance sheet.

6 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.

7 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.

8 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.

9 As a result of the option that CIBC chose for calculating the credit valuation adjustment (CVA) capital charge, the calculation of CET1, Tier 1 and Total Capital ratios 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.

10 Synthetic positions not recorded on the consolidated balance sheet.

n/a Not applicable.



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

(\$ millions)			(	22/16		
	Balance sheet	Insurance entities	adjustment <sup>2</sup>	Balance sheet as in		Cross
	as in report to		Equity	the regulatory scope		reference to
	shareholders	Deconsolidation	accounting	of consolidation	Of which	capital schedule
Assets	2 824			0.004		
Cash and non-interest-bearing deposits with banks	2,821			2,821		
Interest-bearing deposits with banks	8,634	-	-	8,634		
Securities	79,599	(207)	-	79,392		
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					140	AG
Significant investments in capital of non-financial institutions					3	
Other securities				4 4 4 5	79,249	
Cash collateral on securities borrowed	4,446	-	-	4,446		
Securities purchased under resale agreements	31,276	-		31,276		
Loans	292,346	-		292,346		
Allowance for credit losses	(1,800)	-	-	(1,800)		
Collective allowance reflected in Tier 2 capital					(71)	AA
Excess in allowance over expected losses reflected in Tier 2 capital					-	AB
Allowances not reflected in regulatory capital					(1,729)	
Derivative instruments	28,740	-	-	28,740		
Customers' liability under acceptances	13,215	-	-	13,215		
Land, buildings and equipment	1,832	-	-	1,832		
Goodwill	1,504	-	-	1,504		F
Software and other intangible assets	1,289	-	-	1,289		
Investments in equity-accounted associates and joint ventures	1,723	-	441	2,164		
Significant investments in capital of other financial institutions exceeding regulatory thresholds (10% of CET1)					-	Р
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					1,022	AD
Significant investments in capital of other financial institutions related to goodwill					366	G
Significant investments in capital of other financial institutions related to intangibles					6	AL
Significant investments in capital of non-financial institutions					113	
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					441	AE
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds					209	AJ
Non significant investments in capital of non-financial institutions					7	
Deferred tax assets	739	-	-	739		
Deferred tax assets excluding those arising from temporary differences					99	K
Deferred tax assets arising from temporary differences exceeding regulatory thresholds (15% basket of CET1)					-	Т
Deferred tax assets arising from temporary differences not exceeding regulatory thresholds					892	AC
Deferred tax liabilities related to goodwill					(85)	Н
Deferred tax liabilities related to software and other intangible assets					(129)	J
Deferred tax liabilities related to defined benefit pension fund net assets					(38)	0
Other assets					(00)	······
Defined benefit pension fund net assets	148	-	-	148		Ν
Other	11.632	(104)	-	11.528		
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds	,			,,-=-	5	AI
Other					11,523	
Total assets	478,144	(311)	441	478,274	,020	

For footnotes, see next page.

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

			Q2/1	16		
(\$ millions)	Balance sheet as in report to	Insurance entities a	adjustment <sup>2</sup> Equity	Balance sheet as in the regulatory scope of		Cross reference to capital
Liabilities	shareholders	Deconsolidation	accounting	consolidation	Of which	schedule <sup>3</sup>
Deposits	368,710		-	368,710		
Obligations related to securities sold short	9,625	-	-	9,625		
Cash collateral on securities lent	2,314	-	-	2,314		
Obligations related to securities sold under repurchase agreements	14,419	•	•	14,419		
Derivative instruments	32,744	-	-	32,744		
Acceptances	13,272	-	-	13,272		
Deferred tax liabilities	27	-	-	27		
Other liabilities	11,907	111	19	12,037		
Subordinated indebtedness	3,354	-	-	3,354		
Subordinated indebtedness allowed for inclusion in Tier 2 capital					1,986	X
Subordinated indebtedness allowed for inclusion into Tier 2 capital subject to phase out					1,327	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	
Total liabilities	456,372	111	19	456,502		
Equity				,		
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	7,792	-	-	7,792		
Common shares – treasury positions					2	
Common shares					7,790	Α
Contributed surplus	74	•	-	74		В
Retained earnings	12,197	(433)	433	12,197		С
Gains and losses due to changes in own credit risk on fair valued liabilities					70	Μ
Other retained earnings					12,127	
AOCI	522	11	(11)	522		D
Cash flow hedges					18	L
Net fair value gains (losses) arising from changes in institution's own credit risk					2	AK
Other					502	
Non-controlling interests	187	-	-	187		
Portion allowed for inclusion into CET1					97	E
Portion allowed for inclusion into additional Tier 1 capital					13	W
Portion allowed for inclusion into Tier 2 capital					17	Z
Portion not allowed for regulatory capital					60	
Total equity	21,772	(422)	422	21,772		
Total liabilities and equity	478,144	(311)	441	478,274		

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

		Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14
Row <sup>1</sup>										
29	Common Equity Tier 1 capital (CET1)	18,773	18,886	19,147	18,878	18,014	17,610	17,496	16,983	16,532
45	Tier 1 capital (T1 = CET1 + AT1)	20,506	20,577	20,671	20,416	19,668	19,199	18,720	18,491	18,076
59	Total capital (TC = T1 + T2)	23,861	23,964	24,538	24,273	23,591	23,347	23,281	22,081	21,581
60	Total risk-weighted assets 4	168,161	168,688	163,867	161,845	154,328	156,118	155,148	155,644	152,044
	Capital ratios									
61	Common Equity Tier 1 (as a percentage of risk-weighted assets)	11.2%	11.2%	11.7%	11.7%	11.7%	11.3%	11.3%	10.9%	10.9%
62	Tier 1 (as a percentage of risk-weighted assets)	12.2%	12.2%	12.6%	12.6%	12.7%	12.3%	12.1%	11.9%	11.9%
63	Total capital (as a percentage of risk-weighted assets)	14.2%	14.2%	15.0%	15.0%	15.3%	14.9%	15.0%	14.2%	14.2%

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

2 Comprises our insurance subsidiaries: CIBC Reinsurance Company Limited (CIBC Re), and CIBC Life Insurance Company Limited (CIBC Life), which are excluded from the regulatory scope of consolidation. CIBC Re provides Life and Health reinsurance to Canadian insurance and international reinsurance companies. CIBC Re is also an active participant in the North American retrocession market. CIBC Life is primarily involved in direct underwriting of life insurance products and has assumed a closed creditor product block of business from a Canadian underwriter; current policies in-force include accident, hospital acident, hospital acident, hospital acident, hospital acident, pospital cash benefit plans, critical accident plan, actident provey plan, term life, and creditor life and disability insurance products. As at April 30, 2016, CIBC Re had \$205 million in assets, \$(29) million in liabilities, and \$188 million in equity.

3 Refer to pages 1 and 2.

The minimum total capital requirement is \$13,453 million (Q1/16: \$13,495 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 1)

(\$ millions)									
	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14
Core Tier 1 (CET1) capital							r	1	
Opening amount	17,197	16,829	16,588	15,866	15,033	14,607	14,153	13,641	13,347
New capital issues	18	20	8	2	7	13	27	33	12
Redeemed capital	-						_		
Purchase of common shares for cancellation	(15)	(46)	(2)	-	-	-	(5)	(15)	(18)
Premium on purchase of common shares for cancellation	(50)	(159)	(9)	-	-	-	(24)	(59)	(67)
Gross dividends (deduction)	(476)	(466)	(454)	(444)	(433)	(422)	(416)	(416)	(415)
Shares issued in lieu of dividends (add back)	-	-	-	-	-	-	-	-	-
Profit for the quarter (attributable to shareholders of the parent company)	936	977	776	973	907	920	809	918	317
Removal of own credit spread (net of tax)	37	(28)	(10)	(4)	(14)	(8)	15	3	8
Movements in other comprehensive income									
Currency translation differences	(632)	402	-	404	(259)	577	131	(22)	(71)
Available-for-sale investments	40	(22)	(86)	9	(52)	(35)	(1)	32	(32)
Cash flow hedges	3	(7)	6	2	15	(27)	-	(1)	16
Post-employment defined benefit plans	(11)	(286)	240	221	257	(344)	(7)	(87)	9
Goodwill and other intangible assets (deduction, net of related tax liabilities)	85	(132)	(39)	(236)	(16)	(124)	(50)	(266)	429
Shortfall of allowance to expected losses	20	(92)	(48)	(73)	-	28	(1)	8	81
Other, including regulatory adjustments and transitional arrangements			×Z-						
Deferred tax assets that rely on future profitability (excluding those arising from temporary									
differences)	18	(55)	(2)	-	11	2	(9)	2	6
Defined benefit pension fund net assets	14	261	(151)	(134)	(5)	(9)	27	98	-
Significant investments in financial institutions (amount above 10% threshold)	-				241	23	(63)	271	31
Amount exceeding 15% threshold	-			_	188	(188)		82	9
Prudential valuation adjustments	(4)	(9)	6	(5)	9	(8)	-	(52)	-
Other	(15)	10	6	7	(23)	28	21	(17)	(21)
Closing amount	17,165	17,197	16,829	16,588	15,866	15,033	14,607	14,153	13,641
Other non-core Tier 1 (additional Tier 1) capital									
Opening amount	2,519	2,691	2,696	2,685	2,738	2,693	2,940	2,847	2,842
New non-core Tier 1 (additional Tier 1) 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	5
Closing amount	2,517	2,519	2,691	2,696	2,685	2,738	2,693	2,940	2,847
Total Tier 1 capital	19,682	19,716	19,520	19,284	18,551	17,771	17,300	17.093	16,488
Tier 2 capital			- /		- /	,	,	,	-1
Opening amount	3,437	3,914	3,889	3,933	4,253	4,689	3,691	3,718	3,701
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	(36)	23	25	(44)	127	15	(2)	(27)	17
Closing amount	3,401	3,437	3,914	3,889	3,933	4,253	4,689	3,691	3,718
Total regulatory capital	23.083	23,153	23,434	23,173	22,484	22,024	21,989	20,784	20,206

1

All-in is defined by OSFI as capital calculated to include all of the regulatory adjustments that will be required by 2019, but retaining the phase-out rules for non-qualifying capital instruments. 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, and \$325 million of Non-cumulative Rate Reset Class 2 A Series 35 Preferred Shares in Q2/14 did not impact Tier 1 capital.

3 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.

(C maillion a)

### **BASEL III LEVERAGE RATIO**

	llions	

		Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15
Row <sup>1</sup>			•	•			
On-balance sheet exposures							
1 On-balance sheet items (excluding derivatives, securities financing transactions (SFTs) an	d grandfathered securitization exposures, but including						
collateral)		411,069	409,667	401,111	394,020	368,210	365,531
2 Asset amounts deducted in determining Basel III transitional Tier 1 capital		(2,851)	(2,971)	(2,592)	(2,483)	(2,175)	(2,424)
3 Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 and	2)	408,218	406,696	398,519	391,537	366,035	363,107
Derivative exposures							
4 Replacement cost associated with all derivative transactions (i.e. net of eligible cash variat		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 transact	ons	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 transact	ons)	(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		239	397	991	511	24,955	17,927
10 (Adjusted effective notional offsets and add-on deductions for written credit derivatives)		(25)	(169)	(764)	(295)	(24,762)	(17,730)
11 Total derivatives exposures (sum of lines 4 to 10)		15,532	15,277	14,732	15,416	13,707	19,297
Securities financing transaction exposures							
12 Gross SFT assets recognized for accounting purposes (with no recognition of netting), after	r adjusting for sale accounting transactions	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		860	1,005	1,167	1,100	1,488	973
15 Agent transaction exposures		-	-		-	-	_
16 Total securities financing transaction exposures (sum of lines 12 to 15)		36,582	35,816	34,501	32,450	43,263	38,992
Other off-balance sheet exposures							
17 Off-balance sheet exposure at gross notional amount		203,249	204,266	198,437	194,778	188,081	184,476
18 (Adjustments for conversion to credit equivalent amounts)		(146,151)	(145,416)	(142,685)	(139,884)	(136,129)	(133,090)
19 Off-balance sheet items (sum of lines 17 and 18)		57,098	58,850	55,752	54,894	51,952	51,386
Capital and total exposures - Transitional basis							
20 Tier 1 capital		20,506	20,577	20,671	20,416	19,668	19,199
21 Total exposures (sum of lines 3, 11, 16 and 19)		517,430	516,639	503,504	494,297	474,957	472,782
Leverage ratios - Transitional basis							
22 Basel III leverage ratio		4.0%	4.0%	4.1%	4.1%	4.1%	4.1%
All-in basis (required by OSFI)							
23 Tier 1 capital - All-in basis		19,682	19,716	19,520	19,284	18,551	17,771
24 (Regulatory adjustments)		(3,443)	(3,573)	(3,544)	(3,305)	(2,856)	(3,269)
25 Total exposures (sum of lines 21 and 24, less the amount reported in line 2) – All-in bas	is	516,838	516,037	502,552	493,475	474,276	471,937
26 Leverage ratio - All-in basis		3.8%	3.8%	3.9%	3.9%	3.9%	3.8%

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

(\$ mi	illions)	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15
<b>Row</b> 1	Total consolidated assets as per published financial statements	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	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	(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)	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)	57,098	58,850	55,752	54,894	51,952	51,386
7	Other adjustments	(5,593)	(5,718)	(5,343)	(5,177)	(4,931)	(5,236)
8	Leverage ratio exposure	517,430	516,639	503,504	494,297	474,957	472,782

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



RISK-WEIGHTED ASSETS													
(\$ millions)	Γ	Q2/1	-	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14		
		RWA	Minimum total capital required <sup>2</sup>				RWA (All	-in basis <sup>1</sup> )					
Credit risk	Г												
Standardized approach													
Corporate		3,515	281	3,952	3,614	3,610	3,324	3,868	3,521	3,395	3,309		
Sovereign		627	50	690	753	762	679	600	510	799	796		
Banks		438	35	411	327	278	283	277	275	265	457		
Real estate secured personal lending		2,075	166	2,373	2,213	2,241	2,078	2,207	1,959	1,897	1,932		
Other retail		616	49	695	649	641	622	669	598	608	614		
Trading book		70	6	67	10	1	1	15	12	11	-		
		7,341	587	8,188	7,566	7,533	6,987	7,636	6,875	6,975	7,108		
AIRB approach													
Corporate		64,496	5,160	63,157	58,917	57,054	53,858	52,962	50,425	49,019	46,754		
Sovereign <sup>3</sup>		2,150	172	2,187	2,081	1,732	1,569	1,681	1,628	1,717	1,728		
Banks		3,602	288	3,950	4,088	4,192	3,643	3,410	3,300	3,930	3,670		
Real estate secured personal lending		10,483	839	10,242	10,477	10,409	9,697	9,048	9,253	7,243	7,060		
Qualifying revolving retail		16,839	1,347	16,961	16,106	16,033	15,840	15,764	15,455	16,024	16,124		
Other retail		7,596	608	7,334	7,272	7,462	6,739	6,590	6,486	6,586	6,458		
Equity		717	57	726	725	763	719	801	713	728	880		
Trading book		3,301	264	3,213	2,930	3,148	2,437	3,231	2,074	2,286	2,470		
Securitization		1,981	158	2,108	2,011	2,063	2,046	2,096	1,887	2,008	2,276		
Adjustment for scaling factor		6,660	533	6,582	6,266	6,161	5,782	5,723	5,456	5,355	5,219		
	_	117,825	9,426	116,460	110,873	109,017	102,330	101,306	96,677	94,896	92,639		
Other credit RWA		12,539	1,003	12,785	12,381	12,153	11,923	11,883	14,940	14,735	12,903		
Total credit risk (before adjustment for CVA phase-in) <sup>4</sup>		137,705	11,016	137,433	130,820	128,703	121,240	120,825	118,492	116,606	112,650		
Market risk (Internal Models and IRB Approach)		4.240	400	700	74.0	740	000	040	070	050	700		
Value-at-risk (VaR)		1,346	108	790	719	719	896	813	678	656	726		
Stressed VaR		2,019	162	1,978	2,051	2,075	2,581	2,051	1,759	1,766	1,902		
Incremental risk charge		1,134	91 1	1,295	1,606	1,586	2,111	1,765	1,582	1,595	1,490		
Securitization & other Total market risk		<u>15</u> 4,514	362	27	32	42	20	124	27	94	30		
		,		4,090	4,408	4,422	5,608	4,753	4,046	4,111	4,148		
Operational risk		20,202 162,421	<u>1,616</u> 12,994	18,180	18,194	18,139	18,073	18,303	17,320	17,389	17,115		
Total RWA before adjustment for CVA phase-in	A	162,421	12,994	159,703	153,422	151,264	144,921	143,881	139,858	138,106	133,913		
CET1 RWA	в	2,998	240	2.880	2,685	2,625	2,030	2,673	1,392	1,814	1,970		
Tier 1 RWA	C	3,325	240	2,880	2,085	2,025	2,030	2,073	1,592	2,068	1,970		
Total RWA	D	3,606	288	3,190	3,230	3,158	2,232	3,216	1,388	2,008	1,970		
Total RWA after adjustments for CVA phase-in <sup>4</sup>	<b>U</b>	5,000	200	3,400	3,230	3,130	2,443	3,210	1,001	2,430	1,970		
CET1 capital RWA	A+B	165,419	13,234	162,583	156,107	153,889	146,951	146,554	141,250	139,920	135,883		
Tier 1 capital RWA	A+D A+C	165,746	13,260	162,889	156,401	153,889	140,951	146,554	141,230	140.174	135,883		
Total capital RWA	A+D	166,027	13,282	163,169	156,652	154,170	147,173	140,847	141,739	140,174	135,883		

1 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.

2 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%.

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

4 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)

	Q2/16	vs. Q1/16	Q1/16	vs. Q4/15	Q4/15	vs. Q3/15	Q3/15	vs. Q2/15
		Of which counterparty		Of which counterparty		Of which counterparty		Of which counterparty
Credit risk	Credit risk	credit risk <sup>2</sup>						
Balance at beginning of period	140,313	8,494	133,505	7,898	131,328	7,982	123,270	6,465
Book size <sup>3</sup>	4,485	171	3,425	429	3,028	31	4,293	635
Book quality <sup>4</sup>	2,023	200	1,805	(231)	430	(128)	694	17
Model updates <sup>5</sup>	(609)	-	(789)	-	(705)	-	(236)	-
Methodology and policy <sup>6</sup>	-	-	-	-	-	-	-	-
Acquisitions and disposals	-	-	-	-	-	-	-	-
Foreign exchange movements	(4,887)	(291)	2,897	184	(37)	(4)	2,846	214
Other	(622)	79	(530)	214	(539)	17	461	651
Balance at end of period <sup>7</sup>	140,703	8,653	140,313	8,494	133,505	7,898	131,328	7,982
Market risk	l	Q2/16 vs. Q1/16	l	Q1/16 vs. Q4/15	l	Q4/15 vs. Q3/15	L	Q3/15 vs. Q2/15
Balance at beginning of period		4,090		4,408		4,422		5,608
Movement in risk levels <sup>8</sup>		204		(255)		(41)		(1,364)
Model updates <sup>5</sup>		-		-		-		364
Methodology and policy <sup>6</sup>		-		-		-		-
Acquisitions and disposals		-		-		-		-
Foreign exchange movements		220		(63)		27		(186)
Other Delegas at and af paried		-		-		-		-
Balance at end of period		4,514		4,090		4,408		4,422
Operational risk	[	Q2/16 vs. Q1/16	[	Q1/16 vs. Q4/15	[	Q4/15 vs. Q3/15	[	Q3/15 vs. Q2/15
Balance at beginning of period		18,180		18,194		18,139		18,073
Movement in risk levels 9		673		-		55		66
Methodology and policy <sup>6</sup>		1,349		(14)				-
Acquisitions and disposals		-		-		-		-
Balance at end of period		20,202		18,180		18,194		18,139

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

2 Comprises derivatives and repo-style transactions.

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

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

5 Relates to internal model or parameter changes.

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

7 Includes \$2,998 million (Q1/16: \$2,880 million) of CET1 CVA RWAs relating to bilateral OTC derivatives.

8 Relates to changes in open positions and market data.

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



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

(\$ millions)	Q	2/16	Q	1/16	Q	4/15	Q	3/15	C	22/15	Q	1/15	Q	4/14	Q	3/14
	AIRB	Standardized														
	approach	approach														
Business and government portfolios Corporate																
Drawn	69,382	3,086	68,379	3,467	64,578	3,190	62,323	3,277	58,330		57,802	3,322	54,242	3,166	52,424	3,094
Undrawn commitments	36,304	86	38,239	135	37,496	112	36,337	140	35,665		35,039	406	34,197	340	32,758	319
Repo-style transactions	49,798		35,900	3	31,447	12	26,617	10	34,404		29,591	36	29,487	18	25,075	12
Other off-balance sheet	13,336	443	10,585	504	15,694	462	14,978	354	14,315		11,931	337	8,335	213	9,580	197
OTC derivatives	7,870	-	8,257	-	7,481	-	8,489	-	7,002		9,235	-	5,061	-	5,448	-
Sovereign	176,690	3,629	161,360	4,109	156,696	3,776	148,744	3,781	149,716		143,598	4,101	131,322	3,737	125,285	3,622
Drawn	36,908	4,498	38,940	5,167	37,498	5,204	36,560	5,243	22,705		22,606	4,931	20,472	4,067	24,718	4,027
Undrawn commitments	4,817		4,779		4,812		4,480		5,018		4,868		5,019		5,300	-
Repo-style transactions	7,588		5,699		7,410		6,059		9,830		6,416		8,041		5,556	
Other off-balance sheet	759		742		884		735		582		561		443		445	
OTC derivatives	3,855	-	4,559	-	3,666	-	4,365	-	2,370		4,049	-	2,167	-	1,927	-
	53,927	4,498	54,719	5,167	54,270	5,204	52,199	5,243	40,505	4,720	38,500	4,931	36,142	4,067	37,946	4,027
Banks Drawn	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	10,424	1,214
Undrawn commitments	889		1,002	1,770	877	1,374	828	1,277	976		976	1,171	939	1,150	741	1,214
Repo-style transactions	22,741		30,807		33,800		37.011		34,698		34.055	2	32,174	- 5	32,171	-
Other off-balance sheet	59,184		58,833		61,022		68,321		68,572		66,980	-	59,826	5	57,413	
OTC derivatives	5,304	56	5,759	168	5,153	26	4.895	14	5,137		7.219	32	5,398	22	4.945	21
	99,606	1,773	109,482	1.946	113,741	1.400	124.046	1.291	120,708		119.380	1,205	108,116	1.183	105.694	1.241
Gross business and government portfolios	330,223	9,900	325,561	11.222	324,707	10.380	324,989	10.315	310,929		301,478	10,237	275,580	8,987	268.925	8.890
Less: Repo-style transaction collateral	71,646	-	62,423		64,407		60,966	-	69,730	- / -	62.203		63,718	-	55,884	-
Net business and government portfolios	258,577	9.900	263,138	11.222	260,300	10.380	264,023	10.315	241,199		239,275	10,237	211,862	8.987	213,041	8.890
Retail portfolios Real estate secured personal lending Drawn	189,218	2,474	185,953	2,802	182,779	2,602	178,772	2,609	175,255		173,451	2,561	171,841	2,289	169,327	2,225
Undrawn commitments	22,743		21,176	-	21,396	-	21,015	-	22,907	-	21,429	-	21,699	-	21,938	-
	211,961	2,474	207,129	2,802	204,175	2,602	199,787	2,609	198,162	2,419	194,880	2,561	193,540	2,289	191,265	2,225
Qualifying revolving retail Drawn	20,661	-	20,596	-	20,435	-	20,099	-	19,726	-	19,519	-	19,557	-	19,332	-
Undrawn commitments	46,545		45,956	-	44,983		44,772		46,662	-	46,277	-	44,849	-	41,223	-
Other off-balance sheet	281	-	265	-	304		303		284	-	249	-	275	-	267	-
	67,487	-	66,817	-	65,722	-	65,174	-	66,672	-	66,045	-	64,681	-	60,822	-
Other retail Drawn	9,490	726	9,221	813	9,268	762	9,361	751	9,184	731	8,890	778	8,808	697	8,691	707
Undrawn commitments	1,975	25	1,910	27	1,888	26	1,839	26	1,588	24	1,588	25	1,537	44	1,497	21
Other off-balance sheet	32		38	-	36		36		37		44	-	31	-	32	
	11,497	751	11,169	840	11,192	788	11,236	777	10,809	755	10,522	803	10,376	741	10,220	728
Total retail portfolios	290,945	3,225	285,115	3,642	281,089	3,390	276,197	3,386	275,643	3,174	271,447	3,364	268,597	3,030	262,307	2,953
Securitization exposures	17,577	-	18,868	-	15,876	-	15,937	-	14,968	-	15,531	-	14,990	-	15,084	-
Gross credit exposure	638,745	13,125	629,544	14,864	621,672	13,770	617,123	13,701	601,540	12,611	588,456	13,601	559,167	12,017	546,316	11,843
Less: Repo-style transaction collateral	71,646	-	62,423	-	64,407	-	60,966	-	69,730	-	62,203	-	63,718	-	55,884	-
Net credit exposure	567,099	13,125	567,121	14,864	557,265	13,770	556,157	13,701	531,810	12,611	526,253	13,601	495,449	12,017	490,432	11,843

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

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

\$ millions)	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14
Business and government									
Canada									
Drawn	70,482	70,148	63,894	58,604	55,082	57,669	54,544	51,290	51,466
Undrawn commitments	31,863	32,279	32,085	30,871	30,930	30,171	30,552	29,759	29,043
Repo-style transactions	4,430	5,369	3,227	3,497	4,823	4,053	2,671	3,222	3,031
Other off-balance sheet	46,711	44,658	51,269	54,703	55,576	56,712	48,962	50,162	48,812
OTC derivatives	8,424	10,610	9,050	10,870	8,030	12,778	6,589	6,257	7,062
	161,910	163,064	159,525	158,545	154,441	161,383	143,318	140,690	139,414
United States									
Drawn	35,069	38,836	41,846	43,365	28,392	24,773	22,699	27,106	25,749
Undrawn commitments	7,556	8,355	7,589	7,407	7,633	7,969	6,875	6,402	6,020
Repo-style transactions	3,342	4,007	4,323	4,562	3,614	3,244	2,910	3,275	1,810
Other off-balance sheet	19,007	20,097	20,541	23,303	20,028	15,957	15,698	13,192	14,933
OTC derivatives	2,649	2,352	2,386	2,226	2,271	1,907	1,670	1,718	1,851
	67,623	73,647	76,685	80,863	61,938	53,850	49,852	51,693	50,363
Europe									
Drawn	4,497	5,119	3,882	4,099	3,799	2,985	2,707	3,513	3,419
Undrawn commitments	1,674	2,539	2,587	2,531	2,066	1,595	1,708	1,715	1,578
Repo-style transactions	485	451	496	478	575	473	270	246	248
Other off-balance sheet	7,052	4,855	5,082	5,553	7,291	6,510	3,420	3,575	5,305
OTC derivatives	3,694	4,007	3,642	3,127	3,030	4,416	3,111	3,100	3,251
	17,402	16,971	15,689	15,788	16,761	15,979	11,216	12,149	13,801
Other countries									
Drawn	7,730	6,297	5,343	5,806	5,087	5,131	4,543	5,657	5,192
Undrawn commitments	917	847	924	836	1,030	1,148	1,020	923	1,014
Repo-style transactions	224	156	204	184	190	89	133	175	142
Other off-balance sheet	509	550	708	475	574	293	524	509	527
OTC derivatives	2,262	1,606	1,222	1,526	1,178	1,402	1,256	1,245	991
	11,642	9,456	8,401	8,827	8,059	8,063	7,476	8,509	7,866
	258,577	263,138	260,300	264,023	241,199	239,275	211,862	213,041	211,444

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

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

(\$ millions)	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14
Business and government portfolios									
Corporate									
Less than 1 year <sup>2</sup>	50,532	47,050	47,455	48,044	45,367	42,823	34,654	34,984	35,925
1 - 3 years	42,794	43,718	41,773	39,223	36,976	37,537	35,826	35,931	35,700
3 - 5 years	36,729	37,930	36,547	35,775	35,217	34,690	31,806	30,489	29,815
Over 5 years	1,272	1,447	1,454	1,210	989	1,226	936	816	963
	131,327	130,145	127,229	124,252	118,549	116,276	103,222	102,220	102,403
Sovereign									
Less than 1 year <sup>2</sup>	13,966	15,493	20,291	29,199	18,566	15,757	13,997	12,854	12,525
1 - 3 years	15,129	16,780	15,559	10,932	6,692	7,430	5,959	11,415	11,060
3 - 5 years	16,196	15,175	9,802	4,719	5,435	8,834	7,935	7,774	8,230
Over 5 years	1,545	1,939	1,607	1,564	673	803	719	662	692
	46,836	49,387	47,259	46,414	31,366	32,824	28,610	32,705	32,507
Banks									
Less than 1 year <sup>2</sup>	67,425	69,690	72,018	79,922	78,454	77,851	69,453	65,693	63,890
1 - 3 years	10,504	11,174	9,414	9,442	9,430	8,611	6,992	8,882	9,517
3 - 5 years	1,573	1,710	3,354	2,997	1,940	2,028	2,109	2,385	1,831
Over 5 years	912	1,032	1,026	996	1,460	1,685	1,476	1,156	1,296
	80,414	83,606	85,812	93,357	91,284	90,175	80,030	78,116	76,534
Total business and government portfolios	258,577	263,138	260,300	264,023	241,199	239,275	211,862	213,041	211,444
Retail portfolios									
Real estate and secured personal lending									
Less than 1 year <sup>2</sup>	75,821	76,395	80,552	79,913	78,995	71,987	69,029	67,124	63,641
1 - 3 years	62,362	57,985	54,158	55,112	57,629	63,986	68,559	70,539	73,005
3 - 5 years	72,266	71,271	68,117	63,600	60,341	57,612	54,480	51,933	49,175
Over 5 years	1,512	1,478	1,348	1,162	1,197	1,295	1,472	1,669	2,089
<b>AAAA</b>	211,961	207,129	204,175	199,787	198,162	194,880	193,540	191,265	187,910
Qualifying revolving retail		,	*	,	*	*	,	,	,
Less than 1 year <sup>2</sup>	67,487	66,817	65,722	65,174	66,672	66,045	64,681	60,822	60,741
	67,487	66,817	65,722	65,174	66,672	66,045	64,681	60,822	60,741
Other retail		-		·				·	
Less than 1 year <sup>2</sup>	11,092	10,785	10,813	10,804	10,344	10,096	9,933	9,778	9,575
1 - 3 years	210	211	214	271	301	261	278	280	315
3 - 5 years	109	104	108	108	109	109	108	104	100
Over 5 years	86	69	57	53	55	56	57	58	58
	11,497	11,169	11,192	11,236	10,809	10,522	10,376	10,220	10,048
Total retail portfolios	290,945	285,115	281,089	276,197	275,643	271,447	268,597	262,307	258,699
Total credit exposure	549,522	548,253	541,389	540,220	516,842	510,722	480,459	475,348	470,143

Excludes securitization exposures.
 Demand loans are included in the "Less than 1 year" category.

### **CREDIT RISK ASSOCIATED WITH DERIVATIVES**

(\$ millions)		C	2/16		Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14
	Curre	ent replace	ment cost	Credit equivalent				Risk-w	eighted a	mount			
	Trading	ALM	Total	amount 1				-					
Interest rate derivatives													
Over-the-counter													
Forward rate agreements	4	-	4	143	14	-	8	28	10	10	4	3	3
Swap contracts	11,281	788	12,069	5,155	926	1,013	884	851	758	960	637	729	823
Purchased options	173	25	198	46	20	15	26	16	18	14	10	14	14
	11,458	813	12,271	5,344	960	1,028	918	895	786	984	651	746	840
Exchange-traded	-	-		44	1	2	3	2	1	3	2	3	3
Total interest rate derivatives	11,458	813	12,271	5,388	961	1,030	921	897	787	987	653	749	843
Foreign exchange derivatives													
Over-the-counter	4,692	216	4,908	3,636	874	911	668	814	637	1 010	500	402	400
Forward contracts	6,839	1,510	4,908	3,030	603	653	656		478	1,010 571	528 497	493 417	433
Swap contracts	502	1,510	8,349 502	533	603 217			600					466
Purchased options		4 700				222	173	230	158	260	108	66	79
One dit designations	12,033	1,726	13,759	7,450	1,694	1,786	1,497	1,644	1,273	1,841	1,133	976	978
Credit derivatives													
Over-the-counter	148	6	154	135	9	12	4.4	40	4.4	44	40	20	20
Credit default swap contracts - protection purchased	140		134	199		IZ	14	18	44	41 6	46 18	36	38
Credit default swap contracts - protection sold	148	-	154	135	- 9	-	-	-	9	-	-		-
Fundation devices these	148	6	154	135	9	12	14	18	53	47	64	43	38
Equity derivatives	525	82	607	4 557	306	054	054	225	204	010	4 4 4	101	100
Over-the-counter			514	1,557	306 45	254	254	235	201	219	141	121	108
Exchange-traded	514	-	-	1,716	45 351	32	36	14	17	16	16	14	3
Descious matel desiretions	1,039	82	1,121	3,273	351	286	290	249	218	235	157	135	111
Precious metal derivatives	84		0.4	47	10	0	0	7	-	0	0	0	0
Over-the-counter			84			6	6	7	7	8	2	3	3
Exchange-traded	81	-	81	216	<u>5</u> 15	3	8	2	- 7	-	1	1	-
	165	-	165	263	15	9	14	9	1	8	3	4	3
Other commodity derivatives	4 000		4 000	4 470	740	504	040	000	4.40	500	400	070	704
Over-the-counter	1,098	-	1,098	1,478	743	524	616	682	442	526	438	678	791
Exchange-traded	172	-	172	1,762	64	68	77	30	30	30	44	49	34
	1,270	-	1,270	3,240	807	592	693	712	472	556	482	727	825
Non-trade exposure related to central counterparties					443	437	347	440	350	343	281	258	323
CET1 CVA charge					2,998	2,880	2,685	2,625	2,030	2,673	1,392	1,814	1,971
					, -	1	,	1- 2	,	1- 1	,	,	1-
Total derivatives before netting	26,113	2,627	28,740	19,749	7,278	7,032	6,461	6,594	5,190	6,690	4,165	4,706	5,092
Less: effect of netting <sup>2</sup>	-, -		(20,107)	, -	, -	,,,=	-,	-,	-,	-,	,	,	-,-=
Total derivatives			8.633	19,749	7,278	7,032	6,461	6,594	5,190	6,690	4,165	4,706	5,092

1 Sum of current replacement cost and potential future exposure, adjusted for the master netting agreements and the impact of collateral amounting to \$3,373 million (Q1/16: \$4,770 million). The collateral comprises cash of \$2,423 million (Q1/16: \$2,846 million) and government securities of \$950 million (Q1/16: \$1,924 million).

2 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)<sup>1</sup>

(\$ millions)							Q2/16							Q1/16		
(+						Exposure	Exposure	Exposure	Exposure				Exposure	Exposure	Exposure	Exposure
					Notional of	weighted-	weighted-	weighted-	weighted-			Notional of	weighted-	weighted-	weighted-	weighted-
			Moody's		undrawn	average	average	average	average risk			undrawn	average	average	average	average risk
		Standard	Investors	EAD	commitments	EAD %	PD %	LGD %	weight %	RWA	EAD	commitments	EAD %	PD %	LGD %	weight % RWA
CIBC rating Corporate	PD bands	& Poor's equivalent	Service equivalent													
Investment grade																
10	0.03%-0.03%	AAA	Aaa	1,643	19	72	0.02	16	5	82	1,896	34	70	0.02	17	5 96
21	0.03%-0.03%	AA+	Aa1	525	259	67	0.03	21	5	27	556	291	67	0.03	25	8 42
24	0.04%-0.05%	AA	Aa2	9,626	873	67	0.04	7	2	149	8,112	992	67	0.04	11	2 162
27	0.05%-0.06%	AA-	Aa3	2,610	1,715	67	0.05	41	15	379	2,530	1,951	67	0.05	38	15 387
31	0.07%-0.09%	A+	A1	3,542	1,200	67	0.08	39	22	770	3,239	2,744	66	0.08	36	19 630
34	0.09%-0.12%	А	A2	4,964	2,358	68	0.10	42	26	1,294	5,341	2,449	68	0.10	44	27 1,324
37	0.13%-0.16%	A-	A3	10,540	5,366	67	0.13	42	34	3,537	9,113	5,993	67	0.13	43	36 3,311
41	0.15%-0.22%	BBB+	Baa1	15,842	7,886	68	0.17	43	41	6,445	15,298	7,742	69	0.17	43	40 6,086
44	0.19%-0.30%	BBB	Baa2	13,443	6,723	69	0.25	44	48	6,417	13,513	7,038	69	0.25	43	47 6,362
47	0.31%-0.38%	BBB-	Baa3	14,473	7,904	69	0.34	41	54	7,818	13,297	7,429	69	0.34	39	51 6,789
				77,208	34,303	68	0.18	37	35	26,918	72,895	36,663	68	0.18	38	35 25,189
Non-investment grad	de															
51	0.39%-0.61%	BB+	Ba1	11,443	5,531	58	0.53	37	58	6,688	11,929	6,768	58	0.53	36	57 6,852
54	0.62%-1.09%	BB	Ba2	14,022	6,996	58	0.74	33	59	8,324	13,786	6,794	58	0.74	32	57 7,910
57	1.10%-1.92%	BB-	Ba3	10,290	4,375	60	1.35	35	72	7,415	9,679	4,480	60	1.34	32	66 6,424
61	1.93%-3.69%	B+	B1	7,260	2,775	60	2.23	31	73	5,288	6,405	2,408	60	2.19	31	71 4,568
64	3.70%-7.27%	В	B2	4,323	1,162	62	4.47	33	92	3,985	4,209	1,379	62	4.43	31	85 3,559
67	7.28%-12.11%	В-	B3	946	291	59	8.98	31	113	1,065	836	254	60	8.92	36	130 1,088
				48,284	21,130	59	1.54	34		32,765	46,844	22,083	59	1.49	33	65 30,401
Watch list				- / -						. ,	- / -	,				
70	12.12%-20.67%	CCC+	Caa1	1,161	422	56	18.01	26	131	1,517	904	88	51	18.31	23	110 995
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	209	9	40	17.03	38	179	374	185	18	50	16.98	40	192 355
80	20.68%-99.99%	CC to C	Ca	694	301	53	33.59	16	82	572	1,001	170	49	33.16	26	136 1,361
				2,064	732	55	23.15	24	119	2,463	2,090	276	50	25.31	26	130 2,711
Default				1					-	,	_,					
90	100.00%	D	С	1,160	47	38	100.00	34	220	2,550	577	50	54	100.00	39	222 1,260
				1,160	47	38	100.00	34	220	2,550	577	50	54	100.00	39	222 1,260
				128,716	56,212	65	1.96	36	50	64,696	122,406	59,072	65	1.56	36	48 59,561
Sovereign					,											
Investment grade																
00	0.01%-0.015%	AAA	Aaa	26,016	187	67	0.01	5	1	217	28,583	187	67	0.01	5	1 211
10	0.016%-0.025%	AAA	Aaa	10,308	980	67	0.02	13	3	297	10,210	888	67	0.02	15	3 317
21	0.016%-0.025%	AA+	Aa1	3,628	1,574	66	0.02	14	2	77	3,983	1,738	66	0.02	16	2 89
24	0.016%-0.025%	AA	Aa2	1,323	243	76	0.02	39	9	115	1,296	268	77	0.02	38	9 120
27	0.026%-0.035%	AA-	Aa3	1,337	1,318	68	0.03	21	6	84	1,279	1,285	69	0.03	19	5 69
31	0.036%-0.05%	A+	A1	1,236	822	69	0.04	25	8	94	1,083	792	69	0.04	25	8 83
34	0.06%-0.065%	Α	A2	1,073	742	70	0.05	20	8	85	1,108	755	70	0.05	20	8 89
27	0.066%-0.08%	A-	A3	410	407	68	0.09	22	13	53	406	391	68	0.09	21	13 53
41	0.09%-0.16%	BBB+	Baa1	610	414	69	0.15	20	15	89	584	412	68	0.15	25	18 106
44	0.16%-0.26%	BBB	Baa2	144	44	80	0.25	47	42	61	149	57	78	0.25	43	39 58
47	0.27%-0.42%	BBB-	Baa3	171	114	61	0.35	41	49	83	104	39	81	0.35	47	53 55
			Baao	46,256	6.845	68	0.02	11	3	1,255	48,785	6,812	68	0.02	11	3 1,250
Non-investment grad	de			,=00	0,0.0			••	,	.,		0,012		0.02		- 1,200
51	0.43%-0.61%	BB+	Ba1	34	29	61	0.55	37	52	18	66	21	60	0.55	39	70 46
54	0.62%-1.09%	BB	Ba2	507	225	55	0.76	7	11	55	501	232	49	0.76	8	12 58
57	1.10%-1.92%	BB-	Ba3	16	4	74	1.45	28	61	10	11	202	76	1.45	33	76 8
61	1.93%-3.99%	B+	B1	4	1	75	2.54		22	1	6	2	75	2.54	11	26 2
64	4.00%-7.27%	B	B1 B2	8		-	6.23	26	79	6	16	1	76	6.23	31	97 15
67	7.28%-12.11%	B-	B3	1			10	97	475	6	-			- 0.23		97 15
01	1.20/0-12.11/0		50	570	259	56	0.88	10	475	96	600	258	50	0.91	12	22 129
Watch list				570	235	50	0.00	10	17	30	000	200	50	0.91	12	22 123
70	12.12%-20.67%	CCC+	Caa1	3	1	77	17	89	415	13	_	_	-	-	_	
70 75		CCC to CCC-		3 2	3	69	17	89 25	415	13						
	12.12%-20.67%		Caa2 to Caa3		<b>э</b>	03	- 17	20	119	2						
80	20.68%-99.99%	CC to C	Ca	- 5	- 4	- 70	- 17	- 65	- 304	- 15	-			-	-	
Default				5	4	10	17	60	304	15	-	-	-	-	-	
90	100.00%	D	С	_	_	-	-	_	_	_						
30	100.00 /0	U	U U	-		-				<u> </u>	-		-	-		
				46.831	7,108	- 68	0.03	- 11		1,366	49,385	7,070	- 68	0.03	- 11	3 1,379
For factoria and page				40,031	7,108	80	0.03	11	3	1,300	49,300	1,070	00	0.03	<u>L</u>	3 1,379

For footnotes, see page 16.

### CREDIT QUALITY OF AIRB EXPOSURE - BUSINESS AND GOVERNMENT PORTFOLIOS (RISK RATING METHOD) (continued)

(\$ millions)							Q2/16							Q1/16			
		Standard	Moody's Investors	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
CIBC rating Banks	PD bands	& Poor's equivalent	Service equivalent						-								
Investment grad		oquitaioni	oquiruioni														
10	0.03%-0.03%	AAA	Aaa	1,111	-	-	0.02	24	7	79	2,286	-	-	0.01	13	3	74
21	0.03%-0.03%	AA+	Aa1	74	92	-	0.03	31	6	5	24	100	-	0.03	31	12	3
24	0.04%-0.05%	AA	Aa2	33,704	-	-	0.04	6	1	385	32,189	-	-	0.04	6	1	388
27	0.05%-0.06%	AA-	Aa3	8,183	-		0.05	16	4	335	8,453	-	-	0.05	16	4	329
31	0.07%-0.09%	A+	A1	11,722	-	-	0.08	13	5	640	11,014	-	-	0.08	13	6	642
34	0.09%-0.12%	A	A2	5,711	70	68	0.10	16	9	487	8,007	77	67	0.10	17	8	663
37	0.13%-0.16%	A-	A3	7,659	228	67	0.13	12	8	619	9,606	230	67	0.13	14	8	794
41	0.17%-0.22%	BBB+	Baa1	6,337	325	67	0.17	14	10	605	6,574	333	67	0.17	14	9	622
44	0.23%-0.30%	BBB	Baa2	3,063	541	67	0.25	13	12	375	2,447	642	67	0.25	13	11	281
47	0.31%-0.42%	BBB-	Baa3	1,008	92	70	0.35	18	19	191	753	129	68	0.35	19	21	160
Non-investment	grade			78,572	1,348	63	0.08	11	5	3,721	81,353	1,511	63	0.08	11	5	3,956
51	0.43%-0.61%	BB+	Ba1	535	2	65	0.55	25	29	155	823	-	-	0.55	25	32	264
54	0.62%-1.09%	BB	Ba2	486	1	70	0.76	17	25	121	713	-	-	0.76	19	28	201
57	1.10%-1.92%	BB-	Ba3	73	1	66	1.45	14	32	23	75	1	66	1.45	13	32	24
61	1.93%-3.99%	B+	B1	156	1	74	2.54	12	26	41	242	2	73	2.54	8	19	46
64	4.00%-7.27%	В	B2	588	64	59	6.23	24	82	480	394	87	60	6.23	27	97	382
67	7.28%-12.11%	В-	B3	2	-		9.77	5	23	-	2			9.77	27	101	2
Watch list				1,840	69	60	2.64	21	45	820	2,249	90	60	1.86	21	41	919
70	12.12%-20.67%	CCC+	Caa1				-		-		_	_	_	_	_		-
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	<b>.</b>	······								······				
80	20.68%-99.99%	CC to C	Ca						-				_				
	20.0070 00.0070			-			-	-	-		-	-	-	-	-	-	-
Default 90	100.00%	D	С														
	100.0070				-		-	-	-		-	-	-	-	-	-	-
				80,412	1,417	63	0.14	11	6	4,541	83,602	1,601	63	0.13	11	6	4,875
				255,959	64,737	65	1.03	23	28	70,603	255,393	67,743	65	0.80	23	26	65,815
	ages (Slotting appro	oach)				_											
Strong				2,254	7	57				1,578	6,966	55	58				4,877
Good				206	-				90	185	539	4	-			90	485
Satisfactory				137	19	68			115	157	181	31	68			115	208
Weak				16	-				244	39	54		-			252	136
Default				5	-	-				-	5		-			-	-
				2,618	26	65			75	1,959	7,745	90	59			74	5,706
Total busines	ss and government			258,577	64,763	65			28	72,562	263,138	67,833	65			27	71,521

For footnotes, see page 16.



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

(\$ millions)						G	24/15							Q3/15		
					N	Exposure	Exposure	Exposure	Exposure			N	Exposure	Exposure	Exposure	Exposure
			Moody's		Notional of undrawn	weighted- average	weighted- average	weighted- average	weighted- average risk		1	Notional of undrawn	weighted- average	weighted- average	weighted- average	weighted- average risk
		Standard	Investors	EAD	commitments	EAD %	PD %	LGD %	weight %	RWA	EAD	commitments	EAD %	PD %	LGD %	weight % RWA
CIBC rating		& Poor's	Service	2,10	201111110110	2.12 ,0	. 2 ,0	202 //	inolgin /u		2,,0		2,12,1	. 2 /0	202 /0	
Corporate Investment grade	PD bands	equivalent	equivalent													
10	0.03%-0.03%	AAA	Aaa	1,810	40	69	0.02	14	4	76	1,023	55	69	0.02	15	5 54
21	0.03%-0.03%	AA+	Aa1	11,721	231	66	0.04	5	1	78	11,522	231	66	0.04	6	1 88
24	0.04%-0.05%	AA	Aa2	1,507	909	66	0.04	21	7	104	1,673	835	67	0.04	18	6 95
27	0.05%-0.06%	AA-	Aa3	2,152	1,738	67	0.05	35	14	312	2,072	1,741	67	0.05	35	15 312
31	0.07%-0.09%	A+	A1	2,780	2,419	66 68	0.08	36 41	19 29	517	2,992	2,566 2,950	66 68	0.08	35 41	20 585 28 1,524
34 37	0.09%-0.12%	A	A2 A3	5,010	2,623 5,999	68 67			29 39	1,433 3,308	5,511		68 67		41 43	28 1,524 36 3,069
41	0.13%-0.16%	A- BBB+	A3 Baa1	8,563 13,574	7,107	67	0.14 0.18	44 43	39 40	3,308 5,498	8,440 13,003	5,831	69	0.14 0.18	43	
41	0.17%-0.22% 0.23%-0.30%	BBB+ BBB	Baa1 Baa2	13,574	8,990	69 69	0.18	43	40 49	5,498 6,366	13,003	6,947 8,266	69 69	0.18	41 43	39 5,119 49 6,499
44 47	0.23%-0.30%	BBB-	Baa2 Baa3	12,395	6,908	70	0.26	43 39	49 52	6,417	13,297	6,250	70	0.26	43 38	49 6,499 52 5,886
4/	0.31%-0.42%	DDD-	Daao	72,615	36,964	68	0.36	39		24,109	70,807	35,672	68	0.36	30	33 23,231
Non-investment grade					·											
51	0.43%-0.61%	BB+	Ba1	11,081	6,072	58	0.49	36	54	5,987	11,728	7,031	58	0.49	34	53 6,252
54	0.62%-1.09%	BB	Ba2	13,720	6,543	58	0.72	31	56	7,738	11,926	5,055	59	0.72	32	56 6,679
57	1.10%-1.92%	BB-	Ba3	8,925	4,031	60	1.40	32	65	5,804	9,218	4,203	60	1.41	31	65 6,032
61	1.93%-3.99%	B+	B1	6,254	2,216	61	2.29	29	67	4,204	6,092	2,141	60	2.29	28	66 4,011
64	4.00%-7.27%	В	B2	4,367	1,426	61	4.66	31	88	3,824	4,244	1,428	60	4.67	31	88 3,733
67	7.28%-12.11%	B-	B3	897 45,244	219 20,507	59	9.57 1.57	34	128	1,148	886 44,094	161	58	9.55	32	120 1,059
Watch list				45,244	20,507	59	1.57	32	63	28,705	44,094	20,019	59	1.58	32	63 27,766
	12.12%-20.67%	CCC+	Caa1	213	54	62	17.66	27	124	264	194	39	61	17.23	33	152 294
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	112	7	48	15.53	32	147	165	82	-	-	15.53	31	142 117
80	20.68%-99.99%	CC to C	Ca	504	138	52	33.66	18	96	484	512	158	53	33.26	18	98 504
				829	199	54	27.10	22	110	913	788	197	55	27.47	23	116 915
Default		_	-													
90	100.00%	D	С	525	13	50	100.00	37	222	1,167	486	9	59	100.00	38	221 1,076
				525	13	50	100.00	37	222	1,167	486	9	59	100.00	38	221 1,076
Sovereign Investment grade				119,213	57,683	65	1.33	33	46	54,894	116,175	55,897	65	1.31	33	46 52,988
00	0.01%-0.015%	AAA	Aaa	29,296	187	67	0.01	5	1	150	32,277	189	67	0.01	5	- 96
10	0.016%-0.025%	AAA	Aaa	9,057	884	67	0.02	15	3	289	6,474	880	67	0.02	13	3 177
21	0.016%-0.025%	AA+	Aa1	2,602	1,611	66	0.02	9	2	51	2,055	1,598	66	0.02	11	2 42
	0.016%-0.025%	AA	Aa2	1,001	285	77	0.02	36	8	85	784	290	77	0.02	29	6 48
	0.026%-0.035%	AA-	Aa3	1,457	1,350	69	0.03	25	7	98	1,514	1,399	69	0.03	23	6 92
31	0.036%-0.05%	A+	A1	941	897	69	0.04	24	8	79	771	692	69	0.04	23	8 61
34	0.06%-0.065%	A	A2	1,031	738	70	0.06	20	9	96	722	485	72	0.06	15	7 51
37	0.066%-0.08%	A-	A3	404	394	68	0.10	21	14	57	402	360	68	0.10	21	16 62
41	0.09%-0.16%	BBB+	Baa1	583	418	68	0.16	25	20	115	513	392	68	0.16	25	19 97
44	0.16%-0.26%	BBB	Baa2	175	56	77	0.26	41	40	71	198	93	74	0.26	39	37 73
47	0.27%-0.42%	BBB-	Baa3	61 46.608	25 6,845	82 68	0.37	55 10	66	40 1,131	57 45,767	27 6,405	82 68	0.37	52	57 33 2 832
Non-investment grade				40,000	0,040	00	0.02	10	2	1,131	40,707	0,400	00	0.02	Э	2 032
51	0.43%-0.61%	BB+	Ba1	71	34	61	0.50	43	75	53	62	34	62	0.50	45	55 34
54	0.62%-1.09%	BB	Ba2	508	220	48	0.72	7	11	56	522	153	46	0.72	6	9 47
57	1.10%-1.92%	BB-	Ba3	13	2	76	1.46	32	76	10	12	2	76	1.46	29	73 9
61	1.93%-3.99%	B+	B1	3	1	76	2.40	15	36	1	3	1	76	2.40	17	42 1
64	4.00%-7.27%	В	B2	16	1	75	5.59	27	81	13	9		-	5.59	24	70 7
67	7.28%-12.11%	В-	B3	-	-	-	-	-	-	-	-	-	-	-	-	
				611	258	50	0.84	13	22	133	608	190	49	0.80	11	16 98
Watch list 70	12.12%-20.67%	CCC+	Caa1								1					
	12.12%-20.67%	CCC+ CCC to CCC-	Caa1 Caa2 to Caa3													
	20.68%-99.99%	CC to C	Caa2 to Caa3 Ca													
00	20.00/0-33.33/0	00100	Ja	-							-					
Default				-	-	-		-		-	-	-	-	-	-	
90	100.00%	D	С	-	-	-	-	-	-	-			-	-	-	
	= = = = = = = = = = = = = = = =			-	-	-	-	-	-	-	-	-	-	-	-	
				47,219	7,103	68	0.03	10	3	1,264	46,375	6,595	68	0.03	9	2 930
For footnotes see page 16																

For footnotes, see page 16.

### CREDIT QUALITY OF AIRB EXPOSURE - BUSINESS AND GOVERNMENT PORTFOLIOS (RISK RATING METHOD) (continued)

(\$ millions)							Q4/15							Q3/15			
		Standard	Moody's Investors Service	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 %	
CIBC rating Banks Investment grade	PD bands	& Poor's equivalent	equivalent														
10	0.03%-0.03%	AAA	Aaa	3,339	-	-	0.01	10	3	92	3,429	-	-	0.01	10	2	62
21	0.03%-0.03%	AA+	Aa1	44	101	-	0.03	23	7	3	64	102	-	0.02	18	5	3
24	0.04%-0.05%	AA	Aa2	32,471	-	-	0.04	6	1	376	35,262	-	-	0.04	6	1	430
27	0.05%-0.06%	AA-	Aa3	7,678	-	-	0.05	15	4	294	8,730	-		0.05	18	5	396
31	0.07%-0.09%	A+	A1	11,426	-	-	0.08	13	5	606	13,446	-	-	0.08	12	5	732
34	0.09%-0.12%	A	A2	8,643	3	73	0.11	15	8	696	9,319	3	73	0.11	17	9	814
37	0.13%-0.16%	A-	A3	10,580	130	67	0.14	13	7	783	10,434	129	67	0.14	13	7	777
41	0.17%-0.22%	BBB+	Baa1	6,370	344	67	0.18	14	12	734	7,206	294	67	0.18	10	9	622
44	0.23%-0.30%	BBB	Baa2	2,095	630	67	0.26	13	13	265	1,786	557	67	0.26	13	12	214
47	0.31%-0.42%	BBB-	Baa3	1,112	124	68	0.37	16	18	196	1,879	170	68	0.37	19	19	356
Non-investment	grade			83,758	1,332	62	0.09	11	5	4,045	91,555	1,255	62	0.09	11	5	4,406
51	0.43%-0.61%	BB+	Ba1	707	-		0.50	25	28	197	143	-	-	0.50	24	28	40
54	0.62%-1.09%	BB	Ba2	716	-	-	0.72	20	28	201	972	-	-	0.72	17	23	225
57	1.10%-1.92%	BB-	Ba3	65	1	66	1.46	13	31	20	103	1	66	1.46	12	28	28
61	1.93%-3.99%	B+	B1	129	2	73	2.40	13	32	41	150	2	73	2.40	14	33	50
64	4.00%-7.27%	В	B2	423	81	60	5.59	27	97	412	421	81	60	5.59	18	64	269
67	7.28%-12.11%	B-	B3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Watch list				2,040	84	60	1.78	23	43	871	1,789	84	60	2.03	17	34	612
70	12.12%-20.67%	CCC+	Caa1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	-	-	-			-	-		-				-	-
80	20.68%-99.99%	CC to C	Ca		-	-		-	-	-	-					-	-
Default 90	100.00%	D	С	-		<u> </u>	<u> </u>	<u> </u>	-	-	· ·	<u> </u>	-		<u> </u>	-	
	100.0070			-	-	-	-	-	-	-	-	-	-	-	-	-	-
				85,798	1,416	62	0.13	11	6	4,916	93,344	1,339	62	0.12	11	5	5,018
	(0)			252,230	66,202	65	0.68	21	24	61,074	255,894	63,831	65	0.65	21	23	58,936
Commercial mortg Strong	ages (Slotting appro	oach)		7,198	72	57			70	5,036	7,262	89	58			70	5,083
Good				556	15	47			90	500	527	11	45			90	475
Satisfactory				264	21	71			115	304	306	27	70			115	352
Weak				47		-			249	117	29					245	71
Default				5						-	5						-
				8,070	108	58			74	5,957	8,129	127	60			74	5,981
Total busines	ss and government			260,300	66,310	65			26	67,031	264,023	63,958	65			25	64,917

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



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

(\$ millions)						Q2/1	6 vs. Q1/16						Q1/16	6 vs. Q4/15			
		Standard	Moody's Investors	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
CIBC rating		& Poor's	Service														
Corporate	PD bands	equivalent	equivalent														
Investment grade	0.03%-0.38%	AAA to BBB-	Aaa to Baa3	4,313	(2,360)		-	(1)	-	1,729	280	(301)		-	4	2	1,080
Non-investment grade	0.39%-12.11%	BB+ to B-	Ba1 to B3	1,440	(953)				3	2,364	1,600	1,576	-		1	2	1,696
Watch list	12.12%-99.99%	CCC+ to C	Caa1 to Ca	(26)	456	5	(2.16)	(2)	(11)	(248)	1,261	77	(4)	(1.79)	4	20	1,798
Default	100.00%	D	C	583	(3)	(16)		(5)	(2)	1,290	52	37	4	-	2	-	93
				6,310	(2,860)	-	0.40	-	2	5,135	3,193	1,389	-	0.23	3	2	4,667
Sovereign Investment grade	0.01%-0.42%	AAA to BBB-	Aaa to Baa3	(2,529)	33	-	-	-		5	2,177	(33)	-	-	1	1	119
Non-investment grade	0.43%-12.11%	BB+ to B-	Ba1 to B3	(30)	1	6	(0.03)	(2)	(5)	(33)	(11)	-	-	0.07	(1)	-	(4)
Watch list	12.12%-99.99%	CCC+ to C	Caa1 to Ca	5	4	70	17.03	65	304	15	-	-	-	-	-	-	-
Default	100.00%	D	С	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				(2,554)	38	-	-	-	-	(13)	2,166	(33)	-	-	1	-	115
Bank Investment grade	0.03%-0.42%	AAA to BBB-	Aaa to Baa3	(2.781)	(163)				_	(235)	(2,405)	170	1	(0.01)			(90)
Non-investment grade	0.43%-12.11%	BB+ to B-	Ba1 to B3	(409)	(103)		0.78			(233)	(2,403)	179		0.08	- (2)	- (2)	(09)
Watch list	12.12%-99.99%	CCC+ to C	Caa1 to Ca	(403)	(21) -					(33)	203			0.00	(2)	(2)	
Default	100.00%	D	Caario Ca														
Derault	100.0078			(3,190)	(184)		0.01	-		(334)	(2,196)	185	1		-		(41)
				566	(3,006)	-	-	-	-	4.788	3,163	1,541	-	0.12	2	2	4,741
Commercial mortgages (Sl	otting approach)				(1,111)					.,	-,	.,					
Strong	·····3 -pp:,			(4.712)	(48)	(1)			-	(3.299)	(232)	(17)	1			-	(159)
Good				(333)	(4)					(300)	(17)	(11)	(47)			-	(15)
Satisfactory				(44)	(12)	-			-	(51)	(83)	10	(3)			-	(96)
Weak				(38)	-	-			(8)	(97)	7	-	-			3	19
Default					-	-						-	-			-	-
				(5,127)	(64)	6			1	(3,747)	(325)	(18)	1			-	(251)
Total business and gover	mment			(4,561)	(3,070)	-			1	1.041	2,838	1.523	-			1	4,490

			Ī			Q4/1	5 vs. Q3/15						Q3/15	5 vs. Q2/15			
		Standard	Moody's Investors	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
CIBC rating		& Poor's	Service														
Corporate	PD bands	equivalent	equivalent														
Investment grade	0.03%-0.42%	AAA to BBB-	Aaa to Baa3	1,808	1,292	-	-	-	-	878	2,373	2,672	(7)	0.01	1	1	1,314
Non-investment grade	0.43%-12.11%	BB+ to B-	Ba1 to B3	1,150	488	-		-	-		3,089	716	4	0.07	-	1	2,328
Watch list	12.12%-99.99%	CCC+ to C	Caa1 to Ca	41	2	(1)	(0.37)	(1)	(6)	(2)	248	85	(6)	8.54	(5)	(16)	201
Default	100.00%	D	С	39	4	(9)	-	(1)	1	91	35	(3)	7	-	(3)	(22)	(20)
				3,038	1,786	-	0.02	-	-	1,906	5,745	3,470	(3)	0.14	-	1	3,823
Sovereign Investment grade	0.01%-0.42%	AAA to BBB-	Aaa to Baa3	841	440	-	-	1		299	15,023	223	(11)	-	1		164
Non-investment grade	0.43%-12.11%	BB+ to B-	Ba1 to B3	3	68	1	0.04	2	6	35	26	(39)	(4)	(0.05)	-	(1)	(1)
Watch list	12.12%-99.99%	CCC+ to C	Caa1 to Ca	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Default	100.00%	D	С	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				844	508	-	-	1	1	334	15,049	184	(10)	(0.01)	1	-	163
Bank Investment grade	0.03%-0.42%	AAA to BBB-	Aaa to Baa3	(7,797)	77	-	-	-	-	(361)	1.937	(4)	(11)	-	2	1	622
Non-investment grade	0.43%-12.11%	BB+ to B-	Ba1 to B3	251	-	-	(0.25)	6	9	259	137	7	(9)	0.05	-	(1)	29
Watch list	12.12%-99.99%	CCC+ to C	Caa1 to Ca	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Default	100.00%	D	С	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				(7,546)	77	-	0.01	-	1	(102)	2,074	3	(11)	-	1	-	651
				(3,664)	2,371	-	0.03	-	1	2,138	22,868	3,657	(4)	0.04	1	-	4,637
Commercial mortgages (Sl	otting approach)																-
Strong				(64)	(17)	(1)			-	(47)	10	(88)	(6)			-	6
Good				29	4	2			-	25	(11)	(32)	1			-	(9)
Satisfactory				(42)	(6)	1			-	(48)	(35)	(19)	20			-	(40)
Weak				18	-	-			4	46	(8)	-	-			(6)	(22)
Default				-	-	-			-	-	-	-	-			-	
				(59)	(19)	(2)			-	(24)	(44)	(139)	2			-	(65)
Total business and gover	nment			(3.723)	2,352	-			1	2.114	22.824	3,518	(4)			-	4,572

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



(\$ millions)	-	EAD	Notional of undrawn commitments	Exposure weighted- average EAD %	Exposure weighted- average PD %	Q2/16 Exposure weighted- average LGD %	Exposure weighted- average risk weight %	RWA	Expected losses	Expected losses adjusted average risk weight % 2
Canadian residential mortgages and HELOCs Insured Drawn and Undrawn <sup>3</sup>	PD bands									
Exceptionally low	0.01% - 0.10%	102,560		_	0.01	5	1	978	1	1
Exceptionally low	0.11% - 0.20%	36			0.01	22	18	978 6		18
Very low	0.21% - 0.35%	10			0.14	22	24	2		25
Very low	0.36% - 0.50%				0.44	14	21			23
	0.00 % - 0.00 %	102,606			0.01	5	1	986	1	1
Uninsured Undrawn <sup>4</sup>	-				0.01	Ŭ	·		•	· · · ·
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
Uninsured Drawn <sup>4</sup>										
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	<u>35</u> 11	61	54 137	417
	-	86,611	n/a	n/a	0.68	20	11	9,392	137	13
Qualifying revolving credit 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	70	0.04	85		565	12	3
Very low	0.21% - 0.35%	3,330	3,570	68	0.14	89	12	405	8	15
Vely IOW	0.36% - 0.50%	3,227	3,028	64	0.38	79	14	459	10	13
Low	0.51% - 1.00%	3,968	3,544	63	0.64	89	24	945	22	31
LOW	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
incutin	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
Other retail	-	,	,							
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 21.

(\$ millions)				Exposure	Evenoure	Q1/16 Exposure	Exposure			Expected losses
			Notional of	weighted-	Exposure weighted-	weighted-	weighted-			adjusted
			undrawn	average	average	average	average		Expected	average
		EAD	commitments	EAD %	PD %	LGD %	risk weight %	RWA	losses	risk weight %
Canadian residential mortgages and HELOCs	PD bands					//				
Insured Drawn and Undrawn <sup>3</sup>										
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
Uninsured Undrawn <sup>4</sup>										
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
101	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
Uninsured Drawn <sup>4</sup>	0.040( 0.400(	00.405	- 1-	- 1-	0.00	10	0	4.040		0
Exceptionally low	0.01% - 0.10%	36,485	n/a	n/a	0.06	19	3	1,048	4	3
Manuel a	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
Made	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
lliak	5.01% - 10.00%	44	n/a	n/a	7.39 28.91	19 21	73	33	1 17	90 184
High	10.01% - 99.99%	295 160	n/a	n/a		21	34	328	50	428
Default	100.00%	82,738	n/a n/a	n/a n/a	100.00 0.70	22	<u>34</u>	54 9,231	133	13
Qualifying revolving credit		02,730	II/d	11/d	0.70	20	11	9,231	155	13
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	70	0.03	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
Other retail		,	,			20				
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 21.

(\$ millions)						Q4/15				
				Exposure	Exposure	Exposure	Exposure			Expected losses
			Notional of	weighted-	weighted-	weighted-	weighted-		E-marked	adjusted
		540	undrawn	average	average	average	average	DIALA	Expected	average
One allow as a identified as an increase and UELOOS	DD hands	EAD	commitments	EAD %	PD %	LGD %	risk weight %	RWA	losses	risk weight % 2
Canadian residential mortgages and HELOCs Insured Drawn and Undrawn <sup>3</sup>	PD bands									
Exceptionally low	0.01% - 0.10%	103,985			0.01	5	1	974	1	1
Exceptionally low	0.11% - 0.20%	41			0.01	22	18	974		18
Manulau	0.21% - 0.35%				0.14	22	25	2		26
Very low		9		-						
	0.36% - 0.50%	-	-	-	0.50	22	34	-	-	35
		104,035	-	-	0.01	5	1	983	1	1
Uninsured Undrawn <sup>4</sup>	0.049( 0.409(	44.004	05 107	40	0.00	00	0	337	1	0
Exceptionally low	0.01% - 0.10%	14,921	35,107	43	0.03	23	2			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
Uninsured Drawn <sup>4</sup>								,		
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	23	3,823	33	30
Medium	2.01% - 5.00%	1,860	n/a	n/a	3.39	21	54	1,009	13	63
INECIUM	5.01% - 10.00%	37	n/a		7.31	21	76	28	13	93
lliah		238		n/a	27.45	20	114	20	14	186
High	10.01% - 99.99%		n/a	n/a						
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
Qualifying revolving credit	0.049( 0.409(	00 5 40	00.040	70	0.05	04	3	0.1.1		0
Exceptionally low	0.01% - 0.10%	32,542	38,943	76	0.05	91		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
Other retail										
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	<u> -</u>		100.00	80	314	150	29	1,070
σιαάμ	100.00%	11,192	3,337	57	4.57	63	65	7,274	29	90

For footnotes, see page 21.

(\$ millions)					_	Q3/15				
			N	Exposure	Exposure	Exposure	Exposure			Expected losses
			Notional of	weighted-	weighted-	weighted-	weighted-		Even e ete el	adjusted
		EAD	undrawn commitments	average EAD %	average PD %	average LGD %	average risk weight %	RWA	Expected losses	average risk weight % 2
Canadian residential mortgages and HELOCs	PD bands	LAD	communents	LAD //	FD 76	LGD /8	TISK Weight 70	NWA	105565	TISK WEIGHT /0
Insured Drawn and Undrawn <sup>3</sup>	i b bando									
Exceptionally low	0.01% - 0.10%	102,187	-	-	0.01	5	1	868	1	1
	0.11% - 0.20%	834	-	-	0.12	24	17	144	-	18
Very low	0.21% - 0.35%	536	-	-	0.26	27	30	162		31
	0.36% - 0.50%	100	-	-	0.46	23	33	33		35
		103,657	-	-	0.01	5	1	1,207	1	1
Uninsured Undrawn <sup>4</sup>								.,		· · ·
Exceptionally low	0.01% - 0.10%	14,730	34,673	42	0.03	23	2	334	1	2
	0.11% - 0.20%	5,259	5,727	92	0.15	24	8	411	2	8
Very low	0.21% - 0.35%	26	59	44	0.25	24	12	3		12
	0.36% - 0.50%	-		-						-
Low	0.51% - 1.00%	523	1,164	45	0.56	23	20	104	1	21
	1.01% - 2.00%	189	189	100	1.25	23	34	64	1	37
Medium	2.01% - 5.00%	278	617	45	2.43	23	50	139	2	57
	5.01% - 10.00%	-	-	-	-	-	-	-		-
High	10.01% - 99.99%	11	15	73	15.06	24	124	14		168
Default	100.00%		-	-	-		-			-
Delaut	100.0070	21,016	42,444	50	0.13	23	5	1,069	7	5
Uninsured Drawn <sup>4</sup>		21,010	72,777	50	0.15	25	5	1,005	1	5
Exceptionally low	0.01% - 0.10%	19,009	n/a	n/a	0.04	20	2	422	1	2
	0.11% - 0.20%	30,935	n/a	n/a	0.04	20	6	1,881	8	6
Very low	0.21% - 0.35%	632	n/a	n/a	0.13	16	8	52	-	9
	0.36% - 0.50%	4,050	n/a	n/a	0.28	23	15	613	4	16
au		6,824		n/a	0.88	23	25	1,689	13	27
Low	0.51% - 1.00% 1.01% - 2.00%	0,824 11,831	n/a n/a	n/a n/a	1.26	22	25		29	32
Ma du un								3,376		
Medium	2.01% - 5.00%	1,001	n/a	n/a	3.52	21	56	561	7	65
12-6	5.01% - 10.00%	431	n/a	n/a	6.63	21	79	340	6	96
High	10.01% - 99.99%	248	n/a	n/a	26.63	21	113	279	13	180
Default	100.00%	153	n/a	n/a	100.00	19	83	127	34	360
<b>.</b>		75,114	n/a	n/a	0.74	21	12	9,340	115	14
Qualifying revolving credit	0.0404 0.4004									
Exceptionally low	0.01% - 0.10%	32,614	39,030	76	0.05	91	3	941		3
	0.11% - 0.20%	2,780	2,850	78	0.17	95	9	246	4	11
Very low	0.21% - 0.35%	3,762	3,932	75	0.26	92	12	454	9	15
	0.36% - 0.50%	4,572	4,459	60	0.37	77	13	610	13	17
Low	0.51% - 1.00%	6,724	5,305	65	0.71	87	25	1,681	41	33
	1.01% - 2.00%	6,308	2,920	74	1.59	88	47	2,993	88	65
Medium	2.01% - 5.00%	5,275	1,691	71	3.27	89	80	4,197	151	115
	5.01% - 10.00%	1,971	515	80	6.49	91	129	2,542	115	202
High	10.01% - 99.99%	1,130	415	73	26.69	89	205	2,317	267	500
Default	100.00%	38	-	-	100.00	85	139	52	32	1,215
		65,174	61,117	74	1.28	90	25	16,033	734	39
Other retail										
Exceptionally low	0.01% - 0.10%	1,060	1,478	63	0.07	72	14	143	1	14
	0.11% - 0.20%	428	47	54	0.15	73	24	103	-	25
Very low	0.21% - 0.35%	768	589	46	0.28	81	41	317	2	44
	0.36% - 0.50%	421	284	55	0.39	77	48	201	1	52
Low	0.51% - 1.00%	1,237	331	48	0.73	83	73	899	8	80
	1.01% - 2.00%	4,523	191	58	1.36	45	53	2,400	30	61
Medium	2.01% - 5.00%	1,804	81	54	3.35	84	118	2,125	50	153
	5.01% - 10.00%	356	61	58	6.51	85	130	462	20	199
High	10.01% - 99.99%	588	236	50	20.89	51	106	625	66	247
Default	100.00%	51	-		100.00	82	368	189	29	1,084
	510070				2.97					
		11.236	3.298	56	297	65	66	7.464	207	89

Comprises Canadian residential mortgages and HELOCs; qualifying revolving retail exposures (credit cards and unsecured ines 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.
 Calculated as (RWA + 12.5 x expected losses) / EAD based on unrounded figures.
 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.

4 Comprises both residential mortgages and HELOCs.

n/a Not applicable.



(\$ millions)					(	Q2/16 vs. Q1/16				
		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>
Canadian residential mortgages and HELOCs Insured Drawn and Undrawn <sup>3</sup>	PD bands						U			•
Exceptionally low	0.01% - 0.20%	(607)	-	-	-	-	-	-	-	-
Very low	0.21% - 0.50%	(1)	-	-	-	-	-	(1)	-	(7)
		(608)	-	-	-	-	-	(1)	-	
Uninsured Undrawn <sup>4</sup>										
Exceptionally low	0.01% - 0.20%	1,590	2,345	1	-	-	-	87	1	-
Very low	0.21% - 0.50%	-	(1)	-	-	-	-	-	-	-
Low	0.51% - 2.00%	(27)	(56)		0.01	-	-	(6)	-	-
Medium	2.01% - 10.00%	6	15	-	-	-	-	3	-	-
High	10.01% - 99.99%	(2)	(6)	-	(0.44)	-	(2)	(4)	(1)	(4)
Default	100.00%	-	-	-	-	-	-	-	-	-
		1,567	2,297	1	-	-	-	80	-	-
Uninsured Drawn <sup>4</sup>										
Exceptionally low	0.01% - 0.20%	3,675	n/a	n/a	-	-	-	144	-	-
Very low	0.21% - 0.50%	206	n/a	n/a	-	-	-	4	1	-
Low	0.51% - 2.00%	(147)	n/a	n/a	(0.01)	-	-	(74)	-	-
Medium	2.01% - 10.00%	127	n/a	n/a	(0.03)	-	1	82	-	-
High	10.01% - 99.99%	(6)	n/a	n/a	(1.35)	-	2	(2)	(1)	(1)
Default	100.00%	18	n/a	n/a	-	-	1	7	4	(11)
		3,873	n/a	n/a	(0.01)	-	-	161	4	-
Qualifying revolving credit										
Exceptionally low	0.01% - 0.20%	3,627	3,401		-	(1)	-	186	4	-
Very low	0.21% - 0.50%	(1,935)	(1,951)	(2)	0.02	(2)		(236)	(4)	
Low	0.51% - 2.00%	(942)	(716)	(1)	0.05	(1)	1	(211)	(6)	1
Medium	2.01% - 10.00%	54	40	4	0.40	(1)	5	414	26	9
High	10.01% - 99.99%	(138)	(26)		1.90		1	(275)	(13)	23
Default	100.00%	4		-		2	(14)	-	4	(1)
		670	748		0.01	(1)		(122)	11	
Other retail	0.0404 0.0004			•	(0.04)		<i>(</i> <b>1</b> )	(0)		(0)
Exceptionally low	0.01% - 0.20%	101	94	3	(0.01)		(1)	(6)		(2)
Very low	0.21% - 0.50%	194	(64)	(2)	(0.02)	1	(1)	77	-	(1)
Low	0.51% - 2.00%	(623)	(7)	(1)	(0.02)	(4)	(4)	(606)	(9)	(5)
Medium	2.01% - 10.00%	651	13	4	(0.26)			770	18	(4)
High	10.01% - 99.99%		(2)	(1)	(0.83)			3	(4)	(9)
Default	100.00%	5	•	-	-	1	24	26	5	77
		328	34	1	(0.02)	-	-	264	10	1
		5,830	3,079	-	-	-	-	382	25	-

For footnotes, see page 25.



(\$ millions)					(	Q1/16 vs. 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 %
Canadian residential mortgages and HELOCs Insured Drawn and Undrawn <sup>3</sup>	PD bands						-			
Exceptionally low	0.01% - 0.20%	(823)	-	-	-	-	-	3	-	-
Very low	0.21% - 0.50%	2	-	-	(0.01)	-	-	1	-	5
Uninsured Undrawn <sup>4</sup>		(821)	-		-	-	-	4		-
Exceptionally low	0.01% - 0.20%	(121)	674	(1)	-	-	1	(39)	(1)	-
Very low	0.21% - 0.50%	(13)	(32)	1	-	-	-	(1)	-	2
Low	0.51% - 2.00%	(118)	(298)	2	0.05	-	1	(21)	-	2
Medium	2.01% - 10.00%	28	66	-	-	-	-	14	-	(1)
High	10.01% - 99.99%	5	10	(11)	0.45	-	-	6	1	1
Default	100.00%	-	-		-	-	-	-		-
		(219)	420	(1)	-	-	1	(41)	-	-
Uninsured Drawn <sup>4</sup>										
Exceptionally low	0.01% - 0.20%	5,211	n/a	n/a	-	-	-	218	1	-
Very low	0.21% - 0.50%	1,266	n/a	n/a	-	-	-	116	-	-
Low	0.51% - 2.00%	(2,902)	n/a	n/a	(0.05)	-	-	(792)	(8)	-
Medium	2.01% - 10.00%	357	n/a	n/a	0.01	-	-	202	2	-
High	10.01% - 99.99%	57	n/a	n/a	1.46	-	(3)	57	3	(1)
Default	100.00%	5	n/a	n/a	-	-	2	5	2	6
		3,994	n/a	n/a	(0.03)	-	(1)	(194)	-	(1)
Qualifying revolving credit										
Exceptionally low	0.01% - 0.20%	1,085	1,831	-	-	-	-	19	-	-
Very low	0.21% - 0.50%	(184)	(148)	-	-	-	-	(20)	(1)	-
Low	0.51% - 2.00%	(480)	(462)	-	0.01	-		(130)	(3)	1
Medium	2.01% - 10.00%	524	(183)	2	0.07	-	7	586	25	2
High	10.01% - 99.99%	144	(19)	5	1.02	2		386	52	24
Default	100.00%	<u>6</u> 1.095	- 1.019	-	- 0.10	2	9	14 855	5 78	23
Other retail		1,095	1,019	-	0.10	-	1	855	78	2
Exceptionally low	0.01% - 0.20%	-	13	1	-	-	-	(4)	_	_
Very low	0.21% - 0.50%	2	6					(4)		
Low	0.51% - 2.00%	45	6			1	- 1	112	2	2
Medium	2.01% - 10.00%	(69)	1	(1)				(86)	(2)	-
High	10.01% - 99.99%		(6)	1	(1.53)	3	6	39	<u>(</u> 2)	14
Default	100.00%	(1)	-		-	-	(8)	(5)		1
Bolidali	100.0070	(23)	20	-	(0.10)	1	1	59	4	1
		4.026	1.459		0.02	-	-	683	82	-

For footnotes, see page 25.



(\$ millions)					(	Q4/15 vs. Q3/15				
		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 % 2
Canadian residential mortgages and HELOCs Insured Drawn and Undrawn <sup>3</sup>	PD bands									
Exceptionally low	0.01% - 0.20%	1,005	-	-	-	-	-	(31)	-	-
Very low	0.21% - 0.50%	(627)	-	-	(0.04)	(4)	(6)	(193)	-	(8)
Uninsured Undrawn <sup>4</sup>		378	-	-	-	-	-	(224)	-	-
Exceptionally low	0.01% - 0.20%	319	583	-	-	-	(1)	(29)	-	-
Very low	0.21% - 0.50%	3	10	(1)	-	-		-		(1)
Low	0.51% - 2.00%	40	204	(4)	(0.02)	-	-	5		(1)
Medium	2.01% - 10.00%	20	46	-	-	-	-	9	-	(1)
High	10.01% - 99.99%	(2)	(2)	(1)	0.07	-	2	(2)		3
Default	100.00%	-	-	-	-	-	-	-		-
		380	841	-	(0.01)	-	(1)	(17)	-	-
Uninsured Drawn <sup>4</sup>										
Exceptionally low	0.01% - 0.20%	(2,510)	n/a	n/a	(0.01)	-	-	(297)	-	-
Very low	0.21% - 0.50%	5,410	n/a	n/a	(0.05)	(4)	(3)	415	2	(4)
Low	0.51% - 2.00%	273	n/a	n/a	(0.01)	-	(1)	(83)	-	(1)
Medium	2.01% - 10.00%	465	n/a	n/a	(0.99)	-	(8)	136	1	(10)
High	10.01% - 99.99%	(10)	n/a	n/a	0.82	-	2	(8)	1	6
Default	100.00%	2	n/a	n/a	-	3	(52)	(78)	14	61
Qualifying revolving credit		3,630	n/a	n/a	(0.02)	(1)	-	85	18	-
Exceptionally low	0.01% - 0.20%	147	481	(1)	_	(1)		(1)	_	_
Very low	0.21% - 0.50%	342	306		(0.01)	1		56	1	
Low	0.51% - 2.00%	182	17		(0.01)	1	-	90	2	-
Medium	2.01% - 10.00%	(204)	(285)	1	(0.02)		-	(207)	(8)	-
High	10.01% - 99.99%	82	8		(0.13)	(2)	(3)	128	12	(11)
Default	100.00%	(1)			-	(4)	20	7	(2)	(54)
		548	527	-	0.01	-		73	5	(0.1)
Other retail										
Exceptionally low	0.01% - 0.20%	(107)	31	-	-	(2)	(1)	(31)	-	(1)
Very low	0.21% - 0.50%	(71)	(2)		0.02	(1)	1	(14)		2
Low	0.51% - 2.00%	372	9	-	0.02	2	2	353	4	3
Medium	2.01% - 10.00%	(287)	(7)	2	0.56	(1)	-	(340)	(1)	6
High	10.01% - 99.99%	52	8	11	25.96	(13)	(27)	(119)	9	(21)
Default	100.00%	(3)		-	-	(2)	(55)	(39)		(14)
		(44)	39	1	1.61	(1)	(1)	(190)	12	-
		4,892	1,407	-	0.06	-	-	(273)	35	-

For footnotes, see page 25.



(\$ millions)					C	Q3/15 vs. Q2/15				
		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>
Canadian residential mortgages and HELOCs Insured Drawn and Undrawn <sup>3</sup>	PD bands					//				
Exceptionally low	0.01% - 0.20%	(488)	-	-	-	-	-	23	-	-
Very low	0.21% - 0.50%	82	-	-	-	-	-	23		-
		(406)	-	-	-	-	-	46	-	-
Uninsured Undrawn <sup>4</sup>										
Exceptionally low	0.01% - 0.20%	(1,575)	1,234	(6)	-	7	1	119		1
Very low	0.21% - 0.50%	(624)	(1,149)	(10)	(0.17)	8	-	(70)		-
Low	0.51% - 2.00%	124	376	(8)	0.17	6	8	78	2	12
Medium	2.01% - 10.00%	179	438	(10)	(0.51)	6	9	99	2	19
High	10.01% - 99.99%	5	5	9	(4.51)	5	24	8	-	23
Default	100.00%	-	-	-	-	-	-	-	-	-
		(1,891)	904	(5)	0.03	7	1	234	4	2
Uninsured Drawn <sup>4</sup>										
Exceptionally low	0.01% - 0.20%	4,373	n/a	n/a	-	1	-	328	1	-
Very low	0.21% - 0.50%	(1,533)	n/a	n/a	(0.02)	-	(1)	(261)	(1)	(1)
Low	0.51% - 2.00%	1,154	n/a	n/a	0.09	(1)	1	442	5	1
Medium	2.01% - 10.00%	(114)	n/a	n/a	0.16	(1)	-	(76)	(1)	-
High	10.01% - 99.99%	46	n/a	n/a	(4.56)	1	2	56	-	(9)
Default	100.00%	(4)	n/a	n/a	-	(1)	(4)	(11)	7	61
		3,922	n/a	n/a	(0.01)	-	-	478	11	-
Qualifying revolving credit										
Exceptionally low	0.01% - 0.20%	(630)	2,028	(5)	-	1	-	(171)	(3)	(1)
Very low	0.21% - 0.50%	2,618	2,748	(2)	(0.02)	5	-	333	7	-
Low	0.51% - 2.00%	(5,307)	(4,027)	(4)	(0.03)	(1)	(1)	(2,162)	(61)	(2)
Medium	2.01% - 10.00%	1,579	(41)	2	0.08	3	5	1,738	69	7
High	10.01% - 99.99%	247	127	(2)	(1.20)	2	(5)	461	52	(14)
Default	100.00%	(5)	-	-	-	1	6	(6)	(5)	13
		(1,498)	835	(4)	0.12	1	1	193	59	2
Other retail										
Exceptionally low	0.01% - 0.20%	(37)	(242)	12	-	(1)	1	-	-	-
Very low	0.21% - 0.50%	6	525	(1)	(0.09)	4	(4)	(51)		(5)
Low	0.51% - 2.00%	370	(269)	6	0.03	3 2	6	536	6	7
Medium	2.01% - 10.00%	27	21	2	(0.13)	2	3	93	1	3
High	10.01% - 99.99%	54	27	(1)	(0.21)	-	(2)	48	5	(3)
Default	100.00%	7	-	-	-	5	160	98	(1)	28
		427	62	7	0.08	2	4	724	11	5
		554	1.801	(4)	0.04	1	1	1.675	85	1

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

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

3 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.

4 Comprises both residential mortgages and HELOCs.

n/a Not applicable.



### **AIRB CREDIT RISK EXPOSURE - LOSS EXPERIENCE**

	Q2/16	6	Q1/16	6	Q4/1	5	Q3/15	5
	Expected loss	Actual loss	Expected loss	Actual loss	Expected loss	Actual loss	Expected loss	Actual loss
	rate % <sup>1</sup>							
Business and government portfolios								
Corporate	0.53	0.25	0.52	0.13	0.54	0.11	0.55	0.10
Sovereign	0.01	-	0.01	-	0.01	-	0.01	-
Banks	0.11	-	0.13	-	0.12	-	0.14	-
Retail portfolios								
Real estate secured personal lending	0.06	0.01	0.06	0.01	0.06	0.01	0.05	0.01
Qualifying revolving retail	3.42	2.77	3.67	2.75	3.61	2.72	3.89	2.82
Other retail	2.13	1.03	2.20	1.09	2.51	1.09	2.45	1.10

	Q2/15	5	Q1/15	5	Q4/14	4	Q3/14	1
	Expected	Actual	Expected	Actual	Expected	Actual	Expected	Actual
	loss							
	rate % <sup>1</sup>							
Business and government portfolios								
Corporate	0.55	0.10	0.55	0.13	0.55	0.10	0.55	0.12
Sovereign	-	-	-	-	-	-	-	-
Banks	0.18	-	0.16	-	0.12		0.16	-
Retail portfolios								
Real estate secured personal lending	0.05	0.01	0.05	0.02	0.05	0.02	0.05	0.01
Qualifying revolving retail	4.05	2.91	4.04	2.90	4.08	3.03	3.89	2.91
Other retail	2.45	1.12	2.80	1.12	2.44	1.27	2.22	1.04

1 Actual loss rates for each quarter represent the write-offs less recoveries plus the change in allowance for impaired loans for the previous 12 months, divided by the outstanding balance at the beginning of the previous 12 month period. The expected loss rate represents the loss rate that was predicted by the Basel parameter estimates at the beginning of the period defined above.

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

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



### AIRB CREDIT RISK EXPOSURE - BACK-TESTING

			Q2/′	16					Q1/1	6		
	Average estimated PD %	Actual default rate %	Average estimated LGD %	Actual LGD %	Estimated EAD %	Actual EAD %	Average estimated PD %	Actual default rate %	Average estimated LGD %	Actual	Estimated EAD %	Actual EAD %
Business and government portfolios <sup>1</sup>									45.00			~~~~
Corporate	3.00	0.63	44.72	63.39	78.58	72.17	2.90	0.55	45.30	65.38	78.51	68.65
Sovereign	0.54	0.10	n/a	n/a	80.42	n/a	0.48	-	n/a	n/a	79.57	n/a
Banks	1.38	-	n/a	n/a	90.28	n/a	1.27	-	n/a	n/a	89.48	n/a
Retail portfolios <sup>2</sup> Real estate secured personal lending Uninsured residential mortgages and personal loans	0.58	0.37	20.02	10.65	n/a	n/a	0.59	0.38	20.01	11.50	n/a	n/a
Insured residential mortgages	0.64	0.53	n/a	n/a	n/a	n/a	0.65	0.53	n/a	n/a	n/a	n/a
Home equity line of credit	0.21	0.17	24.04	19.20	96.36	86.46	0.21	0.17	23.65	9.56	99.52	92.82
Qualifying revolving retail	1.31	1.12	90.15	86.85	99.77	93.97	1.35	1.16	86.24	84.50	98.09	93.03
Other retail	2.56	1.84	83.62	78.85	99.17	89.03	2.45	1.89	83.25	81.18	93.94	87.12

			Q4/1	5					Q3/1	5		,
	Average	Actual	Average				Average	Actual	Average			-
	estimated	default	estimated	Actual	Estimated	Actual	estimated	default	estimated	Actual I	Estimated	Actual
	PD %	rate %	LGD %	LGD %	EAD %	EAD %	PD %	rate %	LGD %	LGD %	EAD %	EAD %
Business and government portfolios <sup>1</sup>												
Corporate	3.36	0.44	56.12	50.26	78.35	60.73	3.33	0.37	41.27	46.86	78.57	68.36
Sovereign	0.56	-	n/a	n/a	79.58	n/a	0.53	-	n/a	n/a	79.00	n/a
Banks	1.32	-	n/a	n/a	88.38	n/a	1.28	-	n/a	n/a	88.58	n/a
Retail portfolios <sup>2</sup> Real estate secured personal lending Uninsured residential mortgages and personal loans	0.57	0.36	19.16	4.93	n/a	n/a	0.57	0.37	20.54	10.10	n/a	n/a
Insured residential mortgages	0.67	0.54	n/a	n/a	n/a	n/a	0.70	0.54	n/a	n/a	n/a	n/a
Home equity line of credit	0.22	0.17	24.82	14.14	99.50	93.11	0.24	0.17	24.34	20.00	98.65	94.57
Qualifying revolving retail	1.39	1.17	86.67	84.89	100.62	96.35	1.24	1.03	87.62	85.82	94.58	88.42
Other retail	2.47	1.90	83.22	84.15	98.56	94.22	2.30	1.75	87.54	82.17	97.01	91.17

1 Estimated LGD is based on accounts that default. Estimated EAD is based on all accounts. For actual LGD, payments are discounted to the default date using discount rates based on opportunity cost (the highest interest rate at which we would originate a new loan in the corresponding portfolio). Estimated and actual EAD include only revolving facilities.

2 Both estimated and actual EAD are based on accounts that default. Actual LGD is based on payments received after default for accounts that entered default 24 months before the effective month, using a discount rate based on opportunity cost. Estimated and actual EAD include only revolving products (lines of credit, credit cards, and overdraft facilities). Retail information is based upon our internal parameter monitoring system, which covers more than 90% of retail exposures.

n/a Not applicable.



### BUSINESS AND GOVERNMENT AIRB EXPOSURES BY INDUSTRY GROUPS<sup>1</sup>

(\$ millions)			Q2/16				Q1/16	04/45	02/15	02/15	01/15	Q4/14	02/14	02/14
				Other off-	070		Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14
	Drawn	Undrawn commitments	Repo-style transactions	balance sheet	OTC derivatives	Total				То	tal			
Commercial mortgages	2,600	17	-	-	-	2,617	7,746	8,066	8,128	8,174	7,987	7,940	7,849	7,810
Financial institutions	32,761	4,192	8,038	65,813	9,654	120,458	120,593	127,879	133,913	127,897	113,798	96,027	97,272	96,486
Retail and wholesale	4,190	2,295		241	290	7,016	6,769	6,806	6,466	6,336	6,196	6,178	6,063	6,371
Business services	5,459	2,162	-	433	129	8,183	7,659	7,312	7,365	6,912	7,679	7,105	6,509	6,145
Manufacturing - capital goods	2,171	2,117	-	235	240	4,763	5,218	4,528	4,338	4,028	4,100	3,650	3,365	3,282
Manufacturing - consumer goods	3,007	1,313	-	227	74	4,621	4,403	4,065	4,144	3,714	3,856	3,556	3,516	3,467
Real estate and construction	23,912	5,834	-	954	196	30,896	25,445	24,074	23,327	21,523	21,310	20,195	19,284	18,391
Agriculture	5,047	1,416	-	67	60	6,590	6,526	6,278	6,063	5,770	5,697	5,297	5,504	5,519
Oil and gas	6,632	7,895	-	949	1,021	16,497	18,653	17,276	17,384	16,683	16,707	15,407	15,037	16,012
Mining	1,542	2,445	-	672	66	4,725	5,276	4,816	4,718	4,573	4,724	4,154	4,068	4,125
Forest products	530	523	-	132	22	1,207	1,221	1,283	1,301	1,376	1,381	1,232	1,215	1,241
Hardware and software	811	399	-	28	108	1,346	1,179	1,112	1,147	904	957	952	1,147	1,152
Telecommunications and cable	815	870	-	279	162	2,126	2,321	2,241	2,169	2,007	2,101	2,083	2,107	2,132
Broadcasting, publishing, and printing	503	203	-	172	6	884	730	681	691	771	673	678	663	678
Transportation	2,486	1,674	-	443	651	5,254	5,175	4,999	4,906	4,570	4,571	4,322	4,078	4,126
Utilities	3,859	4,821	-	2,200	845	11,725	11,848	10,943	10,467	10,381	10,201	9,316	9,149	8,370
Education, health, and social services	2,443	870	49	88	123	3,573	3,443	2,971	2,832	2,776	2,948	2,873	2,748	2,372
Governments	19,010	2,964	394	346	3,382	26,096	28,933	24,970	24,664	12,804	24,389	20,897	23,467	23,765
	117,778	42,010	8,481	73,279	17,029	258,577	263,138	260,300	264,023	241,199	239,275	211,862	213,041	211,444

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



### EXPOSURE AT DEFAULT UNDER THE STANDARDIZED APPROACH

(\$ millions)			Ri	sk-weight ca	itegory			
	0%	20%	35%	50%	75%	100%	150%	Total
Q2/16								
Corporate	-	-	-	-	-	3,591	38	3,629
Sovereign	3,570	313	-	143	-	432	40	4,498
Banks	-	1,486	-	223	-	64	-	1,773
Real estate secured personal lending	-	-	-	-	2,182	-	292	2,474
Other retail	-	-	-	-	681	-	70	751
	3,570	1,799	-	366	2,863	4,087	440	13,125
Q1/16	4,178	1,963	-	280	3,196	4,715	532	14,864
Q4/15	4,157	1,560	-	263	2,964	4,332	494	13,770
Q3/15	4,201	1,507	-	221	2,931	4,288	553	13,701
Q2/15	3,832	1,258	-	249	2,748	4,006	518	12,611
Q1/15	4,194	1,206	-	211	2,893	4,524	573	13,601
Q4/14	3,463	1,123	-	218	2,629	4,140	444	12,017
Q3/14	3,058	1,299	-	190	2,566	4,337	393	11,843
Q2/14	3,060	790	-	687	2,611	4,259	401	11,808



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

(\$ millions)		Q2/16 Provider of guarantees/ credit derivatives			Q1/16 Provider of guarantees/ credit derivatives			Q4/15			Q3/15		
	Provider							of guarantees derivatives	s/ credit	Provider of guarantees/ credit derivatives			
	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	
Corporate	7,253	1,142	3,043	7,265	1,382	1,629	7,523	1,238	4,685	8,263	751	4,346	
Sovereign	18	8,556	-	-	7,655		-	4,383	-	-	3,048	-	
Banks	-	1,861	30,672	-	2,234	30,649	-	3,211	32,189	-	2,886	35,321	
Real estate secured personal lending	2,199	100,408	-	2,056	101,158	-	1,884	102,154	-	1,649	102,009	-	
Other retail		17	-	-	19	-		22	-	-	24	-	
	9,470	111,984	33,715	9,321	112,448	32,278	9,407	111,008	36,874	9,912	108,718	39,667	

		Q2/15			Q1/15 Provider of guarantees/ credit derivatives			Q4/14			Q3/14	
	Provider	of guarantees derivatives	/ credit	Provider				of guarantees derivatives	/ credit	Provider of guarantees/ cred derivatives		
	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank
Corporate	7,766	857	4,221	6,639	946	2,986	6,242	851	70	5,245	889	66
Sovereign	3	4,118	-	3	6,613	-	4	5,097	-	5	5,587	-
Banks	10	1,100	45,290	-	969	31,224	-	1,123	1,612	-	884	1,489
Real estate secured personal lending	1,366	102,696	-	1,377	103,216	-	1,063	101,287		1,081	102,759	-
Other retail	-	26	-	_	29	-	-	32	-	-	35	-
	9,145	108,797	49,511	8,019	111,773	34,210	7,309	108,390	1,682	6,331	110,154	1,555

### EXPOSURE SECURITIZED AS ORIGINATOR

(\$ millions)	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14
	Total								
Commercial mortgages									
Commercial mortgages Securitized	209	223	225	228	230	233	245	252	254
Sold	209	223	225	228	230	233	245	252	254
Impaired and other past due loans <sup>2</sup>	-	-	-	-	-	-	-	-	-
Net write-offs for the period	-	-	-	-	-	-	-	-	-

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

2 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)	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14
				Asset a	mount				
Auto and fleet leases	1,223	1,292	930	987	743	698	535	553	289
Auto loans	677	778	884	485	560	631	708	788	381
Franchise loans	461	409	391	398	373	356	361	350	354
Credit cards	710	710	710	710	710	710	535	675	675
Equipment leases/loans	1,186	1,198	950	988	628	576	437	332	264
Trade receivables	-	-	-	-	-	78	22	-	-
Dealer floorplan	55	55	115	145	125	60	60	60	95
	4,312	4,442	3,980	3,713	3,139	3,109	2,658	2,758	2,058
Impaired and other past due loans <sup>1</sup>	18	18	16	16	18	21	20	20	20

### TOTAL SECURITIZATION EXPOSURES (IRB APPROACH)

(\$ millions)			Q2/16			Q1/16	Q4/15	Q3/15	Q2/15	Q1/15	Q4/14	Q3/14	Q2/14
		Undrawn			Of which								
	Investment	liquidity and	Written credit	Total	resecuritization								
	and loans	credit facilities	derivatives	exposure	exposure <sup>2</sup>				Total Ex	posure			
Non-Trading													
Third party securitized assets <sup>3</sup>													
CIBC sponsored conduits and structured vehicles	406	6,014	4	6,424	7	6,352	5,561	5,631	5,117	5,103	4,312	4,465	3,622
Third party structured vehicles	4,968	1,335	4,850	11,153	912	12,516	10,315	10,306	9,851	10,428	10,678	10,619	11,573
Trading <sup>4</sup>	159	-	-	159	-	277	247	345	252	377	378	432	402
Total EAD	5,533	7,349	4,854	17,736	919	19,145	16,123	16,282	15,220	15,908	15,368	15,516	15,597

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

2 Resecuritization exposure comprises \$757 million (Q1/16: \$843 million) of investments and loans, \$57 million (Q1/16: \$57 million) of undrawn credit facilities and \$105 million (Q1/16: \$146 million) of written credit derivatives.

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

4 Comprises asset-backed securities.



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

(\$ millions)			Q2/							/16		
	EAI		RV		Capital o		EAI			VA		l charge
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
Trading							i i					
Ratings based approach AAA to BBB-	159	-	12	-	1	-	277	-	22		2	-
Unrated exposure	-	-	-		-	-		-	2	-	-	-
Total trading	159	-	12	-	1	-	277	-	24	-	2	-
Non-trading Ratings based approach												
AAA to BBB- BB+ to BB-	4,057 -	628	293	346	23	- 28	4,441	715	321	382	26	31
Rated below BB-	13	-	157	-	13	-	14	-	175	-	14	-
	4.070	628	450		36	28	4,455	715	496	382	40	
Internal assessment approach	.,	010	100				4,400	110	400	002		01
AAA to BBB- BB+ to BB-	5,501		385	•	30	-	5,390		377	-	30	
DD+ IU DD-	-						-	-				
Our service set of the set	5,501	-	385		30	-	5,390	-	377	-	30	
Supervisory formula approach	7,086	44	663	-	53	10	7,977	50	717	127	57	
Unrated exposure <sup>2</sup>		1	-	8	-	1	-	1	-	9	-	1
Deduction from capital Tier 1 and 2 Rated below BB-												
Unrated exposure		-				-	-	-	-	-	-	
Total non-trading	16,657	673	1,498	483	119	39	17,822	766	1,590	518	127	42
Total exposure	16,816		1,510		120	39	18,099	766	1,614	518	129	
(\$ millions)			Q4/	/15					Q3	/15		
	EAD	D <sup>1</sup>	RV	VA	Capital o	harge	EA	D <sup>1</sup>		VA	Capita	l charge
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
Trading Ratings based approach	Coountileation	Recordinazation	Coounization	Hooodhazdaon	CoodinaEduori	RecordingEducin	ooduniization	Recordinization	Coountization	Recordinazation	ooodinazdalohi	Recording
AAA to BBB-	247	_	20		2	-	344	_	28	_	2	_
Unrated exposure	-	-	4		-	-	1	-	6	-	1	-
Total trading	247		24				· ·		0			·
Non-trading			24	-	2	-	345	-	34	-	3	-
Ratings based approach			24	-	2	-				-	3	
Ratings based approach AAA to BBB-	4,015	747	24		2	- 31 -				433	24	
Ratings based approach AAA to BBB- BB+ to BB-	-	-	292	391	23	31	4,153	- 879	34 301	433	24	35
Ratings based approach AAA to BBB- BB+ to BB- Rated below BB-		-	292	391 	23		345 4,153	- 879	34 301	433		35
Ratings based approach AAA to BBB- BB+ to BB- Rated below BB- Internal assessment approach AAA to BBB-	- 13	- - 747 -	292 	391 	23 - - - - - - - - - - - - - - - - - - -	31	345 4,153 13	- 879 - 879 - 879	34 301 	433 	24 - 13 37 25	35
Ratings based approach AAA to BBB- BB+ to BB- Rated below BB- Internal assessment approach		747	292 	391 - - - - - - - -	23 13 36 27	31 	4,153 4,153 13 4,166 4,405	- 879 - 879 - -	34 301 	433 - - 433 - -	24 	35
Ratings based approach AAA to BBB- BB+ to BB- Rated below BB- Internal assessment approach AAA to BBB- BB+ to BB-		747	292 - - 455 - 	391 - - 391 - - - - - -	23 13 36 27 27	31 	4,153 13 4,166 4,405 4,405 4,405	- 879 - - 879 - - - - - - -	34 301 	433 - - - - - - - - -	24 - - - - - - - - - - - - - - - - - - -	35
Ratings based approach AAA to BBB- BB+ to BB- Rated below BB- Internal assessment approach AAA to BBB- BB+ to BB- Supervisory formula approach			292 - - - - - - - - - - - - - - - - - -	391 - - - - - - - - - - - - - - - - - - -	23 13 36 27 - 27 40	31	4,153 	- - - - - - - - - - - - - - - - - - -	34 301 	433 	24 13 37 25 - 25 46	35 35 
Ratings based approach AAA to BBB- BB+ to BB- Rated below BB- Internal assessment approach AAA to BBB- BB+ to BB-			292 - - 455 - 	391 - - - - - - - - - - - - - - - - - - -	23 13 36 27 27	31 	4,153 13 4,166 4,405 4,405 4,405	- 879 - - 879 - - - - - - -	34 301 	433 - - - - - - - - -	24 - - - - - - - - - - - - - - - - - - -	35
Ratings based approach AAA to BBB- BB+ to BB- Rated below BB- Internal assessment approach AAA to BBB- BB+ to BB- Supervisory formula approach			292 - - - - - - - - - - - - - - - - - -	391 - - - - - - - - - - - - - - - - - - -	23 13 36 27 - 27 40	31	4,153 	- - - - - - - - - - - - - - - - - - -	34 301 	433 	24 13 37 25 - 25 46	35 35 
Ratings based approach AAA to BBB- BB+ to BB- Rated below BB- Internal assessment approach AAA to BBB- BB+ to BB- Supervisory formula approach Unrated exposure <sup>2</sup> Deduction from capital Tier 1 and 2 Rated below BB-	4,028 4,785 4,785 5,969		292 	391 	23 13 36 27 - 27 40 -	31 	4,153 4,153 13 4,166 4,405 6,103 13 13	- 879 - 879 - - - - 68 1	34 301 164 465 308 308 590 7	433 	24 	35 35 - - - 20 1
Ratings based approach AAA to BBB- BB+ to BB- Rated below BB- Internal assessment approach AAA to BBB- BB+ to BB- Supervisory formula approach Unrated exposure <sup>2</sup> Deduction from capital Tier 1 and 2	4,785 4,785 4,785 5,969		292 163 455 335 - - - - - -	391 	23 13 36 27 - - 27 40 -	31 	4,153 4,153 13 4,166 4,405 6,103 13 	- 	34 301 164 465 308 - 308 590 7	433 	24 13 37 25 - 25 46	35 
Ratings based approach AAA to BBB- BB+ to BB- Rated below BB- Internal assessment approach AAA to BBB- BB+ to BB- Supervisory formula approach Unrated exposure <sup>2</sup> Deduction from capital Tier 1 and 2 Rated below BB- Unrated exposure		747 - - - 66 1	292 - - - - - - - - - - - - - - - - - -	391 - - - - - - - - - - - - - - - - - - -	23 13 36 27 - - 27 - - - - - - - - - - - - - - -	31 	4,153 - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	34 301 	433 - - - - - - - - - - - - - - - - - -	24 13 37 25 	35 35 
Ratings based approach AAA to BBB- BB+ to BB- Rated below BB- Internal assessment approach AAA to BBB- BB+ to BB- Supervisory formula approach Unrated exposure <sup>2</sup> Deduction from capital Tier 1 and 2 Rated below BB-	4,785 4,785 4,785 5,969		292 163 455 335 - - - - - -	391 	23 13 36 27 - - 27 40 -	31 	4,153 4,153 13 4,166 4,405 6,103 13 	- 	34 301 164 465 308 - 308 590 7	433 	24 13 37 25 - 25 46 1	35 

For footnotes, see next page.



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

(\$ millions)			Q2	/15					Q	1/15		
	EA		RV			charge	EA			WA		l charge
	Securitization	Resecuritization										
Trading Ratings based approach AAA to BBB-	252		19		2	-	369		29		2	
Unrated exposure				-			8	-	95		- 8	
Total trading	252	-	20	-	2	-	377	-	124		10	
Non-trading Ratings based approach AAA to BBB-	3,531	989	260		21		3,838	1,130	282		22	
BB+ to BB- Rated below BB-	- 12		-	-	12		- 13		-		- 13	
Raled below BB-	3.543		151 411	- 467	33		3.851	- 1.130	159 441		35	
Internal assessment approach	3,343	303	411	407	30	51	5,051	1,130	441	JZZ		42
AAA to BBB-	4,033	-	282	-	23	_	4,260	-	298	-	24	-
BB+ to BB-	-	-	-	-		-	-	-	-		-	-
	4,033	-	282		23		4,260	-	298			
Supervisory formula approach	5,864	65	566		45		5,704	70	488		39	
Unrated exposure <sup>2</sup>	14	1	32	8	3	1	15	1	34	. 8	3	1
Deduction from capital Tier 1 and 2 Rated below BB-				-								
Unrated exposure												
officied exposure	-	-	-	-			-	-			-	
Total non-trading	13,454	1,055	1,291	755	104	60	13,830	1,201	1,261	835	101	67
Total exposure	13,706	1,055	1,311	755	106		14,207	1,201	1,385		111	67
(\$ millions)	EA		Q4, RV		Canita	charge	EA	D 1		3/14 WA	Canita	l charge
	Securitization	Resecuritization										
Trading Ratings based approach				Resecutization		Resecutization		Resecutization				
AAA to BBB-	378		27	-	2	-	427		32		3	
Unrated exposure	-	-	-				5		62		5	
Total trading	378	-	27	-	2	-	432	-	94	-	8	-
Non-trading Ratings based approach AAA to BBB-	4,052	1,170	302	539	24	43	3,546	1,682	268	5 711	22	57
BB+ to BB-	-	-	-	-			-	-		-	-	-
Rated below BB-	20		256		20		20	-	255		20	
Internal assessment approach AAA to BBB-	4,072	1,170	266		21		3,566	1,682	<u> </u>		42	
BB+ to BB-		-	-		<u>ح</u>	-		-			-	
	3,798	-	266	-	21	-	3,909	-	274	-	22	-
		71	460	19	37	2	5,381	68	443	18	35	2
Supervisory formula opproach	E 411						13	1	25		2	
Supervisory formula approach	5,411			13								
Unrated exposure <sup>2</sup> Deduction from capital Tier 1 and 2	5,411 13		32	13	3	I	13				_	
Unrated exposure <sup>2</sup> Deduction from capital Tier 1 and 2 Rated below BB-					3					· · ·	-	-
Unrated exposure <sup>2</sup> Deduction from capital Tier 1 and 2			32					-				
Unrated exposure <sup>2</sup> Deduction from capital Tier 1 and 2 Rated below BB- Unrated exposure			32	-		-						-
Unrated exposure <sup>2</sup> Deduction from capital Tier 1 and 2 Rated below BB-	13		32	-		-		-		743		- 60

1 Net of financial collateral of \$247 million (Q1/16: \$280 million) for resecuritization exposures.

2 Pertains to unrated exposures not subject to supervisory formula approach.

### **BASEL - GLOSSARY**

#### Advanced internal rating 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 inadequate or failed internal processes, people, 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. The student of the standardized approach, and qualifying instruments issued by a consolidated subsidiary to third parties didued subsidiary to third parties. Total capital is comprised of CET1 plus AT1. Tier 2 capital instruments, eligible collective allowance under the standardized approach, and qualifying instruments issued by a consolidated subsidiary to third parties. Total capital plus 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 commercing 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 tranched 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 from inadequate or failed internal processes, people 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.

