



Supplementary Regulatory Capital Disclosure

For the period ended
April 30, 2017

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This document is unaudited and should be read in conjunction with our quarterly report to shareholders and news release for Q2/17, and our 2016 annual report (including audited consolidated financial statements and accompanying management's discussion and analysis). Additional financial information is also available through our quarterly investor presentations as well as the quarterly conference call webcast. All relevant information in this document is prepared under International Financial Reporting Standards (IFRS) and all amounts are in millions of Canadian dollars, unless otherwise stated.

BASEL RELATED SCHEDULES

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

(\$ millions)

		Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	
Row²											
			Cross-reference³								
	Common Equity Tier 1 (CET1) capital: instruments and reserves										
1	Directly issued qualifying common share capital plus related stock surplus	8,574	A+B	8,351	8,096	7,879	7,864	7,861	7,889	7,879	7,880
2	Retained earnings	15,011	C	14,483	13,584	13,145	12,197	11,785	11,433	11,119	10,590
3	Accumulated other comprehensive income (and other reserves)	1,083	D	698	790	509	522	1,124	1,038	871	233
5	Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)	114	E	108	113	101	97	109	94	95	86
6	Common Equity Tier 1 capital before regulatory adjustments	24,782		23,640	22,583	21,634	20,680	20,879	20,454	19,964	18,789
	Common Equity Tier 1 capital: regulatory adjustments										
7	Prudential valuation adjustments	60	See footnote 4	67	69	68	63	59	50	56	51
8	Goodwill (net of related tax liabilities)	1,468	F+G+H	1,444	1,461	1,449	1,785	1,887	1,824	1,826	1,655
9	Other intangibles other than mortgage-servicing rights (net of related tax liabilities)	1,304	I+J+AL	1,277	1,258	1,214	1,166	1,149	1,080	1,039	974
10	Deferred tax assets excluding those arising from temporary differences (net of related tax liabilities)	71	K	66	70	56	99	117	62	60	60
11	Cash flow hedge reserve	46	L	38	23	26	18	15	22	16	14
12	Shortfall of allowances to expected losses	242	See footnote 4	301	283	256	193	213	121	73	-
14	Gain and losses due to changes in own credit risk on fair valued liabilities	44	M+AK	62	102	101	72	109	81	71	67
15	Defined benefit pension fund net assets (net of related tax liabilities)	191	N+O	287	156	115	110	124	385	234	100
16	Investments in own shares (if not already netted off paid-in capital on reported balance sheet)	-	See footnote 4	5	13	4	9	9	-	1	2
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	-	-	-	-	-	-	-	-
22	Amount exceeding the 15% threshold	-		-	-	-	-	-	-	-	-
23	of which: significant investments in the common stock of financials	-	R+S	-	-	-	-	-	-	-	-
25	of which: deferred tax assets arising from temporary differences	-	T	-	-	-	-	-	-	-	-
28	Total regulatory adjustments to Common Equity Tier 1	3,426		3,547	3,435	3,289	3,515	3,682	3,625	3,376	2,923
29	Common Equity Tier 1 capital (CET1)	21,356		20,093	19,148	18,345	17,165	17,197	16,829	16,588	15,866
	Additional Tier 1 (AT1) capital: instruments										
30	Directly issued qualifying Additional Tier 1 instruments plus related stock surplus ⁵	1,000		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
31	of which: classified as equity under applicable accounting standards	1,000	U	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
33	Directly issued capital instruments subject to phase out from Additional Tier 1	1,253	V+see footnote 6	1,253	1,504	1,504	1,504	1,504	1,679	1,684	1,674
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)	15	W	14	14	13	13	15	12	12	11
36	Additional Tier 1 capital before regulatory adjustments	2,268		2,267	2,518	2,517	2,517	2,519	2,691	2,696	2,685
	Additional Tier 1 capital: regulatory adjustments										
41	Other deductions from Tier 1 capital as determined by OSFI	-		-	-	-	-	-	-	-	-
41b	of which: valuation adjustment for less liquid positions	-		-	-	-	-	-	-	-	-
43	Total regulatory adjustments to Additional Tier 1 capital	-		-	-	-	-	-	-	-	-
44	Additional Tier 1 capital (AT1)	2,268		2,267	2,518	2,517	2,517	2,519	2,691	2,696	2,685
45	Tier 1 capital (T1 = CET1 + AT1)	23,624		22,360	21,666	20,862	19,682	19,716	19,520	19,284	18,551
	Tier 2 capital: instruments and provisions										
46	Directly issued qualifying Tier 2 instruments plus related stock surplus ⁷	1,982	X	1,975	2,001	2,005	1,986	1,991	1,000	972	1,000
47	Directly issued capital instruments subject to phase out from Tier 2	1,279	Y	1,287	1,323	1,354	1,327	1,351	2,828	2,831	2,831
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)	19	Z	18	19	18	17	19	16	16	15
50	Collective allowances	73	AA+AB	70	74	72	71	76	70	70	87
51	Tier 2 capital before regulatory adjustments	3,353		3,350	3,417	3,449	3,401	3,437	3,914	3,889	3,933
57	Total regulatory adjustments to Tier 2 capital	-		-	-	-	-	-	-	-	-
58	Tier 2 capital (T2)	3,353		3,350	3,417	3,449	3,401	3,437	3,914	3,889	3,933
59	Total capital (TC = T1 + T2)	26,977		25,710	25,083	24,311	23,083	23,153	23,434	23,173	22,484
60	Total RWA	n/a		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
60a	Common Equity Tier 1 (CET1) Capital RWA⁸	175,431		169,350	168,996	168,077	165,419	162,583	156,107	153,889	146,951
60b	Tier 1 Capital RWA⁸	175,431		169,575	169,322	168,407	165,746	162,899	156,401	154,176	147,173
60c	Total Capital RWA⁸	175,431		169,755	169,601	168,690	166,027	163,169	156,652	154,422	147,364

For footnotes, see next page.



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

(\$ millions)

Row ²	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
	Cross-reference³								
Capital ratios									
61 Common Equity Tier 1 (as a percentage of risk-weighted assets)	12.2%	11.9%	11.3%	10.9%	10.4%	10.6%	10.8%	10.8%	10.8%
62 Tier 1 (as a percentage of risk-weighted assets)	13.5%	13.2%	12.8%	12.4%	11.9%	12.1%	12.5%	12.5%	12.6%
63 Total capital (as a percentage of risk-weighted assets)	15.4%	15.2%	14.8%	14.4%	13.9%	14.2%	15.0%	15.0%	15.3%
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%	8.0%	8.0%	8.0%	8.0%	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%
66 of which: institution specific countercyclical buffer requirement	0.0%	0.0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a
67a of which: D-SIB buffer requirement	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	n/a	n/a	n/a
68 Common Equity Tier 1 available to meet buffers (as percentage of risk-weighted assets)	12.2%	11.9%	11.3%	10.9%	10.4%	10.6%	10.8%	10.8%	10.8%
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%	8.0%	8.0%	8.0%	8.0%	7.0%	7.0%	7.0%
70 Tier 1 capital all-in target ratio	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%	8.5%	8.5%	8.5%
71 Total capital all-in target ratio	11.5%	11.5%	11.5%	11.5%	11.5%	11.5%	10.5%	10.5%	10.5%
Amounts below the thresholds for deduction (before risk-weighting)									
72 Non-significant investments in the capital of other financials	453	409	348	368	425	432	406	453	429
73 Significant investments in the common stock of financials	828	806	814	828	1,463	1,521	1,520	1,505	1,548
75 Deferred tax assets arising from temporary differences (net of related tax liabilities)	912	894	978	981	892	841	783	799	791
Applicable caps on the inclusion of allowances in Tier 2									
76 Allowances eligible for inclusion in Tier 2 in respect of exposures subject to standardized approach (prior to application of cap)	73	70	74	72	71	76	70	70	68
77 Cap on inclusion of allowances in Tier 2 under standardized approach	73	AA	70	74	72	71	76	70	68
78 Allowances eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)	-	-	-	-	-	-	-	-	19
79 Cap on inclusion of allowances in Tier 2 under ratings-based approach	-	AB	-	-	-	-	-	-	19
Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2013 and 1 Jan 2022)									
80 Current cap on CET1 instruments subject to phase out arrangements	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
81 Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
82 Current cap on AT1 instruments subject to phase out arrangements	1,253	V+see footnote 6	1,253	1,504	1,504	1,504	1,504	1,754	1,754
83 Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	376	AH+see footnote 6	392	158	167	165	173	-	-
84 Current cap on T2 instruments subject to phase out arrangements	2,253		2,253	2,704	2,704	2,704	2,704	3,154	3,154
85 Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	-		-	-	-	-	-	-	-

¹ All-in is defined by OSFI as capital calculated to include all of the regulatory adjustments that will be required by 2019, but retaining the phase-out rules for non-qualifying capital instruments. OSFI mandated all institutions to have established a target CET1 ratio of 7%, comprised of the 2019 all-in minimum ratio plus conservation buffer. For the Tier 1 and Total capital ratios, the all-in targets were 8.5% and 10.5%, respectively, effective the first quarter of 2014. With the application of the 1% D-SIB CET1 surcharge, the targets are 8%, 9.5% and 11.5% effective January 2016.

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

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

⁴ Not recorded on the consolidated balance sheet.

⁵ Comprises non-cumulative Class A Preferred Shares 39, 41, and 43 (effective Q2/15) which are treated as non-viability contingent capital in accordance with OSFI's capital adequacy guidelines.

⁶ Comprises CIBC Tier 1 Notes - Series A and Series B due June 30, 2108 (together, the Tier 1 Notes). The adoption of IFRS 10 "Consolidated Financial Statements" required CIBC to deconsolidate CIBC Capital Trust, which resulted in the removal of Capital Trust securities issued by CIBC Capital Trust from the consolidated balance sheet and instead recognizing the senior deposit notes issued by CIBC to CIBC Capital Trust within Business and government deposits.

⁷ 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.

⁸ As a result of the option that CIBC chose for calculating the credit valuation adjustment (CVA) capital charge, the calculation of CET1, Tier 1 and Total Capital ratios is based on different RWAs, before any capital floor adjustment, beginning in Q3/14.

The charge will be phased-in during 2014-2019 and relates to bilateral over-the-counter (OTC) derivatives included in credit risk RWA. Q2/17 RWA includes a capital floor adjustment. See page 7 for further details.

⁹ Synthetic positions not recorded on the consolidated balance sheet.

n/a Not applicable.

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

(\$ millions)

	Q2/17				Cross reference to capital schedule ³
	Balance sheet as in report to shareholders	Insurance entities Deconsolidation	adjustment ² Equity accounting	Balance sheet as in the regulatory scope of consolidation	
Assets					
Cash and non-interest-bearing deposits with banks	3,615	-	-	3,615	
Interest-bearing deposits with banks	10,788	-	-	10,788	
Securities	96,069	(228)	-	95,841	
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				95	AG
Significant investments in capital of non-financial institutions				-	
Other securities				95,746	
Cash collateral on securities borrowed	6,694	-	-	6,694	
Securities purchased under resale agreements	37,148	-	-	37,148	
Loans	323,568	-	-	323,568	
Allowance for credit losses	(1,639)	-	-	(1,639)	
Collective allowance reflected in Tier 2 capital				(73)	AA
Excess in allowance over expected losses reflected in Tier 2 capital				-	AB
Allowances not reflected in regulatory capital				(1,566)	
Derivative instruments	25,612	-	-	25,612	
Customers' liability under acceptances	8,823	-	-	8,823	
Land, buildings and equipment	1,796	-	-	1,796	
Goodwill	1,549	-	-	1,549	F
Software and other intangible assets	1,454	-	-	1,454	I
Investments in equity-accounted associates and joint ventures	735	-	449	1,184	
Significant investments in capital of other financial institutions exceeding regulatory thresholds (10% of CET1)				-	P
Significant investments in capital of other financial institutions exceeding regulatory thresholds (15% basket of CET1)				-	R
Significant investments in capital of other financial institutions not exceeding regulatory thresholds				380	AD
Significant investments in capital of other financial institutions related to goodwill				10	G
Significant investments in capital of other financial institutions related to intangibles				5	AL
Significant investments in capital of non-financial institutions				132	
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				448	AE
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds				201	AJ
Non significant investments in capital of non-financial institutions				8	
Deferred tax assets	703	-	-	703	
Deferred tax assets excluding those arising from temporary differences				71	K
Deferred tax assets arising from temporary differences exceeding regulatory thresholds (15% basket of CET1)				-	T
Deferred tax assets arising from temporary differences not exceeding regulatory thresholds				912	AC
Deferred tax liabilities related to goodwill				(91)	H
Deferred tax liabilities related to software and other intangible assets				(155)	J
Deferred tax liabilities related to defined benefit pension fund net assets				(34)	O
Other assets					
Defined benefit pension fund net assets	225	-	-	225	N
Other	11,451	(101)	-	11,350	
Non-significant investments in capital of other financial institutions not exceeding regulatory thresholds				5	AI
Other				11,345	
Total assets	528,591	(329)	449	528,711	

For footnotes, see next page.



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

(\$ millions)

	Q2/17					
	Balance sheet as in report to shareholders	Insurance entities adjustment ²		Balance sheet as in the regulatory scope of consolidation	Of which	Cross reference to capital schedule ³
		Deconsolidation	Equity accounting			
Liabilities						
Deposits	413,128	-	-	413,128		
Obligations related to securities sold short	13,093	-	-	13,093		
Cash collateral on securities lent	1,702	-	-	1,702		
Obligations related to securities sold under repurchase agreements	24,160	-	-	24,160		
Derivative instruments	24,345	-	-	24,345		
Acceptances	8,825	-	-	8,825		
Deferred tax liabilities	20	-	-	20		
Other liabilities	14,137	156	(36)	14,257		
Subordinated indebtedness	3,305	-	-	3,305		
Subordinated indebtedness allowed for inclusion in Tier 2 capital					1,982	X
Subordinated indebtedness allowed for inclusion into Tier 2 capital subject to phase out					1,279	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					44	
Total liabilities	502,715	156	(36)	502,835		
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	8,509	-	-	8,509		A
Common shares – treasury positions					-	
Common shares					8,509	
Contributed surplus	65	-	-	65		B
Retained earnings	15,011	(485)	485	15,011		C
Gains and losses due to changes in own credit risk on fair valued liabilities					50	M
Other retained earnings					14,961	
AOCI	1,083	-	-	1,083		D
Cash flow hedges					46	L
Net fair value gains (losses) arising from changes in institution's own credit risk					(6)	AK
Other					1,043	
Non-controlling interests	208	-	-	208		
Portion allowed for inclusion into CET1					114	E
Portion allowed for inclusion into additional Tier 1 capital					15	W
Portion allowed for inclusion into Tier 2 capital					19	Z
Portion not allowed for regulatory capital					60	
Total equity	25,876	(485)	485	25,876		
Total liabilities and equity	528,591	(329)	449	528,711		

REGULATORY CAPITAL AND RATIOS - BASEL III (TRANSITIONAL BASIS)

(\$ millions)

Row ¹	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
29 Common Equity Tier 1 capital (CET1)	22,141	20,877	20,751	19,910	18,773	18,886	19,147	18,878	18,014
45 Tier 1 capital (T1 = CET1 + AT1)	24,076	22,809	22,596	21,764	20,506	20,577	20,671	20,416	19,668
59 Total capital (TC = T1 + T2)	27,402	26,125	25,949	25,154	23,861	23,964	24,538	24,273	23,591
60 Total risk-weighted assets ^{4, 5}	179,346	171,157	173,902	170,333	168,161	168,688	163,867	161,845	154,328
Capital ratios									
61 Common Equity Tier 1 (as a percentage of risk-weighted assets)	12.4%	12.2%	11.9%	11.7%	11.2%	11.2%	11.7%	11.7%	11.7%
62 Tier 1 (as a percentage of risk-weighted assets)	13.4%	13.3%	13.0%	12.8%	12.2%	12.2%	12.6%	12.6%	12.7%
63 Total capital (as a percentage of risk-weighted assets)	15.3%	15.3%	14.9%	14.8%	14.2%	14.2%	15.0%	15.0%	15.3%

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

² Comprises our insurance subsidiaries: CIBC Reinsurance Company Limited (CIBC Re), and CIBC Life Insurance Company Limited (CIBC Life), which are excluded from the regulatory scope of consolidation. CIBC Re provides Life and Health reinsurance to Canadian insurance and international reinsurance companies. CIBC Re is also an active participant in the North American retrocession market. CIBC Life is primarily involved in direct underwriting of life insurance products and has assumed a closed creditor product block of business from a Canadian underwriter; current policies in-force include accidental death, hospital accident, hospital cash benefit plans, critical accident plan, accident recovery plan, term life, and creditor life and disability insurance products. As at April 30, 2017, CIBC Re had \$208 million in assets, \$(80) million in liabilities, and \$288 million in equity, and CIBC Life had \$121 million in assets, \$(76) million in liabilities, and \$197 million in equity.

³ Refer to pages 1 and 2.

⁴ The minimum total capital requirement is \$14,348 million (Q1/17: \$13,693 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.

⁵ Total RWAs on a transitional basis may include a capital floor adjustment.



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

(\$ millions)

	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
Common Equity Tier 1 (CET1) capital									
Opening amount	20,093	19,148	18,345	17,165	17,197	16,829	16,588	15,866	15,033
New capital issues	40	91	48	23	18	20	8	2	7
Redeemed capital	-	-	-	-	-	-	-	-	-
Purchase of common shares for cancellation	-	-	-	-	(15)	(46)	(2)	-	-
Premium on purchase of common shares for cancellation	-	-	-	-	(50)	(159)	(9)	-	-
Gross dividends (deduction)	(518)	(502)	(488)	(487)	(476)	(466)	(454)	(444)	(433)
Shares issued in lieu of cash dividends (add back)	191	170	164	-	-	-	-	-	-
Profit for the quarter (attributable to shareholders of the parent company)	1,045	1,402	927	1,435	936	977	776	973	907
Removal of own credit spread (net of tax)	18	40	(1)	(29)	37	(28)	(10)	(4)	(14)
Movements in other comprehensive income									
Currency translation differences	503	(253)	223	86	(632)	402	-	404	(259)
Available-for-sale investments	35	(70)	9	40	40	(22)	(86)	9	(52)
Cash flow hedges	8	15	(3)	8	3	(7)	6	2	15
Post-employment defined benefit plans	(158)	219	55	(148)	(11)	(286)	240	221	257
Goodwill and other intangible assets (deduction, net of related tax liabilities)	(51)	(2)	(56)	288	85	(132)	(39)	(236)	(16)
Shortfall of allowance to expected losses	59	(18)	(27)	(63)	20	(92)	(48)	(73)	-
Other, including regulatory adjustments and transitional arrangements									
Deferred tax assets that rely on future profitability (excluding those arising from temporary differences)	(5)	4	(14)	43	18	(55)	(2)	-	11
Defined benefit pension fund net assets	96	(131)	(41)	(5)	14	261	(151)	(134)	(5)
Significant investments in financial institutions (amount above 10% threshold)	-	-	-	-	-	-	-	-	241
Amount exceeding 15% threshold	-	-	-	-	-	-	-	-	188
Prudential valuation adjustments	7	2	(1)	(5)	(4)	(9)	6	(5)	9
Other	(7)	(22)	8	(6)	(15)	10	6	7	(23)
Closing amount	21,356	20,093	19,148	18,345	17,165	17,197	16,829	16,588	15,866
Additional Tier 1 (AT1) capital									
Opening amount	2,267	2,518	2,517	2,517	2,519	2,691	2,696	2,685	2,738
AT1 eligible capital issues	-	-	-	-	-	-	-	-	300
Redeemed capital	-	-	-	-	-	-	-	-	(331)
Impact of the cap on inclusion for instruments subject to phase out	-	(251)	-	-	-	(173)	-	-	-
Other, including regulatory adjustments and transitional arrangements	1	-	1	-	(2)	1	(5)	11	(22)
Closing amount	2,268	2,267	2,518	2,517	2,517	2,519	2,691	2,696	2,685
Total Tier 1 capital	23,624	22,360	21,666	20,862	19,682	19,716	19,520	19,284	18,551
Tier 2 capital									
Opening amount	3,350	3,417	3,449	3,401	3,437	3,914	3,889	3,933	4,253
New Tier 2 eligible capital issues	-	-	-	-	-	1,000	-	-	-
Redeemed capital ²	-	-	-	-	-	(1,500)	-	-	(447)
Amortization adjustments	-	-	-	-	-	-	-	-	-
Impact of the cap on inclusion for instruments subject to phase out	-	-	-	-	-	-	-	-	-
Other, including regulatory adjustments and transitional arrangements	3	(67)	(32)	48	(36)	23	25	(44)	127
Closing amount	3,353	3,350	3,417	3,449	3,401	3,437	3,914	3,889	3,933
Total capital	26,977	25,710	25,083	24,311	23,083	23,153	23,434	23,173	22,484

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

BASEL III LEVERAGE RATIO

(\$ millions)

Row ¹	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
On-balance sheet exposures									
1 On-balance sheet items (excluding derivatives, securities financing transactions (SFTs) and grandfathered securitization exposures, but including collateral)	456,527	442,244	437,179	426,904	411,069	409,667	401,111	394,020	368,210
2 Asset amounts deducted in determining Basel III transitional Tier 1 capital	(3,044)	(3,127)	(2,677)	(2,581)	(2,851)	(2,971)	(2,592)	(2,483)	(2,175)
3 Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 and 2)	453,483	439,117	434,502	424,323	408,218	406,696	398,519	391,537	366,035
Derivative exposures									
4 Replacement cost associated with all derivative transactions (i.e. net of eligible cash variation margin)	6,452	4,981	6,418	7,065	6,634	7,923	6,225	7,677	6,086
5 Add-on amounts for potential future exposure (PFE) associated with all derivative transactions	16,567	14,549	14,406	14,668	13,964	13,393	13,260	12,187	12,523
6 Gross up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the operative accounting framework	-	-	-	-	-	-	-	-	-
7 (Deductions of receivables assets for cash variation margin provided in derivative transactions)	(4,990)	(5,408)	(5,667)	(5,450)	(5,280)	(6,267)	(4,980)	(4,664)	(5,095)
8 (Exempted central counterparty (CCP)-leg of client cleared trade exposures)	-	-	-	-	-	-	-	-	-
9 Adjusted effective notional amount of written credit derivatives	-	-	216	356	239	397	991	511	24,955
10 (Adjusted effective notional offsets and add-on deductions for written credit derivatives)	-	-	(22)	(154)	(25)	(169)	(764)	(295)	(24,762)
11 Total derivatives exposures (sum of lines 4 to 10)	18,029	14,122	15,351	16,485	15,532	15,277	14,732	15,416	13,707
Securities financing transaction exposures									
12 Gross SFT assets recognized for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions	43,842	44,556	33,810	36,460	35,722	34,811	33,334	31,350	41,775
13 (Netted amounts of cash payables and cash receivables of gross SFT assets)	-	-	-	-	-	-	-	-	-
14 Counterparty credit risk (CCR) exposure for SFTs	2,013	1,682	1,772	1,135	860	1,005	1,167	1,100	1,488
15 Agent transaction exposures	-	-	-	-	-	-	-	-	-
16 Total securities financing transaction exposures (sum of lines 12 to 15)	45,855	46,238	35,582	37,595	36,582	35,816	34,501	32,450	43,263
Other off-balance sheet exposures									
17 Off-balance sheet exposure at gross notional amount	218,975	211,165	212,888	208,903	203,249	204,266	198,437	194,778	188,081
18 (Adjustments for conversion to credit equivalent amounts)	(163,901)	(154,456)	(152,187)	(149,527)	(146,151)	(145,416)	(142,685)	(139,884)	(136,129)
19 Off-balance sheet items (sum of lines 17 and 18)	55,074	56,709	60,701	59,376	57,098	58,850	55,752	54,894	51,952
Capital and total exposures - Transitional basis									
20 Tier 1 capital	24,076	22,809	22,596	21,764	20,506	20,577	20,671	20,416	19,668
21 Total exposures (sum of lines 3, 11, 16 and 19)	572,441	556,186	546,136	537,779	517,430	516,639	503,504	494,297	474,957
Leverage ratios - Transitional basis									
22 Basel III leverage ratio	4.2%	4.1%	4.1%	4.0%	4.0%	4.0%	4.1%	4.1%	4.1%
All-in basis (required by OSFI)									
23 Tier 1 capital - All-in basis	23,624	22,360	21,666	20,862	19,682	19,716	19,520	19,284	18,551
24 (Regulatory adjustments)	(3,381)	(3,483)	(3,333)	(3,188)	(3,443)	(3,573)	(3,544)	(3,305)	(2,856)
25 Total exposures (sum of lines 21 and 24, less the amount reported in line 2) - All-in basis	572,104	555,830	545,480	537,172	516,838	516,037	502,552	493,475	474,276
26 Leverage ratio - All-in basis	4.1%	4.0%	4.0%	3.9%	3.8%	3.8%	3.9%	3.9%	3.9%

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

(\$ millions)

Row ¹	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
1 Total consolidated assets as per published financial statements	528,591	513,294	501,357	494,490	478,144	479,032	463,309	457,842	439,203
2 Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	120	136	129	165	130	132	228	252	285
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	(7,583)	(9,775)	(12,412)	(12,067)	(13,209)	(16,662)	(11,609)	(14,614)	(13,040)
5 Adjustment for securities financing transactions (i.e. repos and similar secured lending)	2,013	1,682	1,772	1,135	860	1,005	1,167	1,100	1,488
6 Adjustment for off-balance sheet items (i.e. credit equivalent amounts of off-balance sheet exposures)	55,074	56,709	60,701	59,376	57,098	58,850	55,752	54,894	51,952
7 Other adjustments	(5,774)	(5,860)	(5,411)	(5,320)	(5,593)	(5,718)	(5,343)	(5,177)	(4,931)
8 Leverage ratio exposure	572,441	556,186	546,136	537,779	517,430	516,639	503,504	494,297	474,957

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



RISK-WEIGHTED ASSETS

(\$ millions)		Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
	RWA	Minimum total capital required ²	RWA (All-in basis ¹)							
Credit risk										
<u>Standardized approach</u>										
Corporate	3,727	298	3,578	3,645	3,674	3,515	3,952	3,614	3,610	3,324
Sovereign	777	62	621	780	658	627	690	753	762	679
Banks	439	35	442	521	472	438	411	327	278	283
Real estate secured personal lending	2,085	167	2,100	2,181	2,144	2,075	2,373	2,213	2,241	2,078
Other retail	833	67	666	667	647	616	695	649	641	622
Trading book	152	12	130	123	105	70	67	10	1	1
	8,013	641	7,537	7,917	7,700	7,341	8,188	7,566	7,533	6,987
<u>AIRB approach</u>										
Corporate	64,418	5,153	64,074	64,856	65,185	64,496	63,157	58,917	57,054	53,858
Sovereign ³	1,900	152	2,075	2,185	2,245	2,150	2,187	2,081	1,732	1,569
Banks	3,582	287	3,601	3,526	3,753	3,602	3,950	4,088	4,192	3,643
Real estate secured personal lending	13,691	1,095	13,156	12,115	11,497	10,483	10,242	10,477	10,409	9,697
Qualifying revolving retail	17,050	1,364	17,432	17,512	17,200	16,839	16,961	16,106	16,033	15,840
Other retail	8,182	655	7,965	7,813	7,738	7,596	7,334	7,272	7,462	6,739
Equity	699	56	734	705	693	717	726	725	763	719
Trading book	3,641	291	3,359	3,576	3,387	3,301	3,213	2,930	3,148	2,437
Securitization	1,340	107	1,398	2,218	2,290	1,981	2,108	2,011	2,063	2,046
Adjustment for scaling factor	6,860	549	6,818	6,860	6,830	6,660	6,582	6,266	6,161	5,782
	121,363	9,709	120,612	121,366	120,818	117,825	116,460	110,873	109,017	102,330
Other credit RWA	10,893	871	10,322	10,815	11,276	12,539	12,785	12,381	12,153	11,923
Total credit risk (before adjustment for CVA phase-in) ⁴	140,269	11,221	138,471	140,098	139,794	137,705	137,433	130,820	128,703	121,240
Market risk (Internal Models and IRB Approach)										
Value-at-risk (VaR)	1,005	80	989	881	911	1,346	790	719	719	896
Stressed VaR	2,066	165	2,104	1,623	1,729	2,019	1,978	2,051	2,075	2,581
Incremental risk charge	3,167	253	2,383	1,624	1,209	1,134	1,295	1,606	1,586	2,111
Securitization & other	85	7	75	47	86	15	27	32	42	20
Total market risk	6,323	505	5,551	4,175	3,935	4,514	4,090	4,408	4,422	5,608
Operational risk	22,452	1,796	22,081	21,746	21,327	20,202	18,180	18,194	18,139	18,073
Total RWA before adjustments for CVA phase-in and capital floor ^{4,5}	A 169,044	13,522	166,103	166,019	165,056	162,421	159,703	153,422	151,264	144,921
<u>CVA adjustment ⁴</u>										
CET1 RWA	B 3,655	292	3,247	2,977	3,021	2,998	2,880	2,685	2,625	2,030
Tier 1 RWA	C 3,909	313	3,472	3,303	3,351	3,325	3,196	2,979	2,912	2,252
Total RWA	D 4,112	329	3,652	3,582	3,634	3,606	3,466	3,230	3,158	2,443
<u>Capital floor adjustment ⁵</u>										
CET1 RWA	E 2,732	219	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Tier 1 RWA	F 2,478	198	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total RWA	G 2,275	182	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total RWA after adjustments for CVA phase-in and capital floor ^{4,5}										
CET1 capital RWA	A+B+E	175,431	14,033	169,350	168,996	168,077	165,419	162,583	156,107	146,951
Tier 1 capital RWA	A+C+F	175,431	14,033	169,575	169,322	168,407	165,746	162,899	156,401	147,173
Total capital RWA	A+D+G	175,431	14,033	169,755	169,601	168,690	166,027	163,169	156,652	147,364

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 is based on different RWAs, before any capital floor adjustment, beginning in Q3/14. The charge will be phased-in during 2014-2019 and relates to bilateral OTC derivatives included in credit risk RWA.

5 Since the introduction of Basel II in 2008, OSFI has prescribed a capital floor requirement for institutions that use the AIRB approach for credit risk. The capital floor is determined by comparing a capital requirement calculated by reference to Basel I against the Basel III calculation, as specified by OSFI. Any shortfall in the Basel III capital requirement compared with the Basel I floor is added to RWAs.

n/a Not applicable.

CHANGES IN CET1 RISK-WEIGHTED ASSETS (ALL-IN BASIS ^{1,2})

(\$ millions)

	Q2/17 vs. Q1/17		Q1/17 vs. Q4/16		Q4/16 vs. Q3/16		Q3/16 vs. Q2/16	
	Credit risk	Of which counterparty credit risk ³	Credit risk	Of which counterparty credit risk ³	Credit risk	Of which counterparty credit risk ³	Credit risk	Of which counterparty credit risk ³
Credit risk								
Balance at beginning of period	141,718	9,074	143,075	8,861	142,815	8,684	140,703	8,653
Book size ⁴	2,906	750	1,151	270	2,604	419	2,942	383
Book quality ⁵	(1,016)	(325)	(425)	(129)	(1,507)	(160)	(542)	(217)
Model updates ⁶	(1,840)	(37)	(51)	-	(169)	-	(33)	-
Methodology and policy ⁷	191	-	586	361	-	-	-	-
Acquisitions and disposals	-	-	-	-	-	-	(1,712)	-
Foreign exchange movements	1,977	192	(1,224)	(117)	981	63	1,574	88
Other	(12)	443	(1,394)	(172)	(1,649)	(145)	(117)	(223)
Balance at end of period ⁸	143,924	10,097	141,718	9,074	143,075	8,861	142,815	8,684

	Q2/17 vs. Q1/17	Q1/17 vs. Q4/16	Q4/16 vs. Q3/16	Q3/16 vs. Q2/16
Market risk				
Balance at beginning of period	5,551	4,175	3,935	4,514
Movement in risk levels ⁹	849	1,278	347	(564)
Model updates ⁶	(1)	(22)	(46)	-
Methodology and policy ⁷	-	-	-	5
Acquisitions and disposals	-	-	-	-
Foreign exchange movements	(76)	120	(61)	(20)
Other	-	-	-	-
Balance at end of period	6,323	5,551	4,175	3,935

	Q2/17 vs. Q1/17	Q1/17 vs. Q4/16	Q4/16 vs. Q3/16	Q3/16 vs. Q2/16
Operational risk				
Balance at beginning of period	22,081	21,746	21,327	20,202
Movement in risk levels ¹⁰	371	335	419	62
Methodology and policy ⁷	-	-	-	1,063
Acquisitions and disposals	-	-	-	-
Balance at end of period	22,452	22,081	21,746	21,327

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 Excludes capital floor adjustment.

³ Comprises derivatives and repo-style transactions.

⁴ Relates to net increase/decrease in the underlying exposures.

⁵ Relates to changes in credit risk mitigation and credit quality of the borrower/counterparty.

⁶ Relates to internal model or parameter changes.

⁷ 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.

⁸ Includes \$3,655 million (Q1/17: \$3,247 million) of CET1 CVA RWAs relating to bilateral OTC derivatives.

⁹ Relates to changes in open positions and market data.

¹⁰ Relates to changes in loss experience, business environment, internal control factors and revenue.

CREDIT EXPOSURE (EXPOSURE AT DEFAULT ¹)

(\$ millions)

	Q2/17		Q1/17		Q4/16		Q3/16		Q2/16		Q1/16		Q4/15		Q3/15	
	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach	AIRB approach	Standardized approach
Business and government portfolios																
Corporate																
Drawn	74,544	3,362	71,977	3,204	72,807	3,370	72,146	3,126	69,382	3,086	68,379	3,467	64,578	3,190	62,323	3,277
Undrawn commitments	39,935	147	37,667	135	36,845	145	37,054	86	36,304	86	38,239	135	37,496	112	36,337	140
Repo-style transactions	72,087	38	65,326	15	53,644	33	51,372	10	49,798	14	35,900	3	31,447	12	26,617	10
Other off-balance sheet	15,688	216	15,706	235	18,350	229	15,175	440	13,336	443	10,585	504	15,694	462	14,978	354
OTC derivatives	9,885	-	8,245	-	9,001	-	8,180	-	7,870	-	8,257	-	7,481	-	8,489	-
	212,139	3,763	198,921	3,589	190,647	3,777	183,927	3,662	176,690	3,629	161,360	4,109	156,696	3,776	148,744	3,781
Sovereign																
Drawn	42,224	5,026	41,810	4,759	44,055	4,773	38,454	4,740	36,908	4,498	38,940	5,167	37,498	5,204	36,560	5,243
Undrawn commitments	5,547	-	4,722	-	4,670	-	4,830	-	4,817	-	4,779	-	4,812	-	4,480	-
Repo-style transactions	13,268	-	10,439	-	10,020	-	6,522	-	7,588	-	5,699	-	7,410	-	6,059	-
Other off-balance sheet	682	-	693	-	753	-	803	-	759	-	742	-	884	-	735	-
OTC derivatives	3,677	-	2,951	-	3,581	-	3,893	-	3,855	-	4,559	-	3,666	-	4,365	-
	65,398	5,026	60,615	4,759	63,079	4,773	54,502	4,740	53,927	4,498	54,719	5,167	54,270	5,204	52,199	5,243
Banks																
Drawn	10,326	1,776	10,150	1,689	10,715	1,940	13,894	1,847	11,488	1,717	13,081	1,778	12,889	1,374	12,991	1,277
Undrawn commitments	1,040	-	1,089	-	1,011	-	1,036	-	889	-	1,002	-	877	-	828	-
Repo-style transactions	22,296	-	24,008	-	22,720	-	22,386	-	22,741	-	30,807	-	33,800	-	37,011	-
Other off-balance sheet	64,972	-	61,464	-	62,107	-	59,315	-	59,184	-	58,833	-	61,022	-	68,321	-
OTC derivatives	7,603	219	6,053	160	6,005	167	5,900	211	5,304	56	5,759	168	5,153	26	4,895	14
	106,237	1,995	102,764	1,849	102,558	2,107	102,531	2,058	99,606	1,773	109,482	1,946	113,741	1,400	124,046	1,291
Gross business and government portfolios	383,774	10,784	362,300	10,197	356,284	10,657	340,960	10,460	330,223	9,900	325,561	11,222	324,707	10,380	324,989	10,315
Less: Repo-style transaction collateral	95,043	-	88,596	-	76,263	-	71,017	-	71,646	-	62,423	-	64,407	-	60,966	-
Net business and government portfolios	288,731	10,784	273,704	10,197	280,021	10,657	269,943	10,460	258,577	9,900	263,138	11,222	260,300	10,380	264,023	10,315
Retail portfolios																
Real estate secured personal lending																
Drawn	211,790	2,696	206,740	2,556	201,580	2,645	195,464	2,579	189,218	2,474	185,953	2,802	182,779	2,602	178,772	2,609
Undrawn commitments	19,543	-	17,926	-	18,375	-	24,050	-	22,743	-	21,176	-	21,396	-	21,015	-
	231,333	2,696	224,666	2,556	219,955	2,645	219,514	2,579	211,961	2,474	207,129	2,802	204,175	2,602	199,787	2,609
Qualifying revolving retail																
Drawn	21,578	-	21,504	-	21,597	-	21,139	-	20,661	-	20,596	-	20,435	-	20,099	-
Undrawn commitments	46,623	-	48,231	-	47,140	-	46,887	-	46,545	-	45,956	-	44,983	-	44,772	-
Other off-balance sheet	302	-	258	-	319	-	308	-	281	-	265	-	304	-	303	-
	68,503	-	69,993	-	69,056	-	68,334	-	67,487	-	66,817	-	65,722	-	65,174	-
Other retail																
Drawn	10,117	851	9,762	797	9,671	794	9,616	766	9,490	726	9,221	813	9,268	762	9,361	751
Undrawn commitments	2,088	27	2,073	25	2,026	26	1,999	26	1,975	25	1,910	27	1,888	26	1,839	26
Other off-balance sheet	34	-	36	-	32	-	32	-	32	-	38	-	36	-	36	-
	12,239	878	11,871	822	11,729	820	11,647	792	11,497	751	11,169	840	11,192	788	11,236	777
Total retail portfolios	312,075	3,574	306,530	3,378	300,740	3,465	299,495	3,371	290,945	3,225	285,115	3,642	281,089	3,390	276,197	3,386
Securitization exposures	12,546	-	13,001	-	18,863	-	18,748	-	17,577	-	18,868	-	15,876	-	15,937	-
Gross credit exposure	708,395	14,358	681,831	13,575	675,887	14,122	659,203	13,831	638,745	13,125	629,544	14,864	621,672	13,770	617,123	13,701
Less: Repo-style transaction collateral	95,043	-	88,596	-	76,263	-	71,017	-	71,646	-	62,423	-	64,407	-	60,966	-
Net credit exposure	613,352	14,358	593,235	13,575	599,624	14,122	588,186	13,831	567,099	13,125	567,121	14,864	557,265	13,770	556,157	13,701

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

CREDIT EXPOSURE - GEOGRAPHIC CONCENTRATION ¹

(\$ millions)

	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
Business and government									
Canada									
Drawn	75,259	72,212	75,116	74,422	70,482	70,148	63,894	58,604	55,082
Undrawn commitments	36,021	33,465	32,082	32,578	31,863	32,279	32,085	30,871	30,930
Repo-style transactions	8,244	7,748	7,497	4,336	4,430	5,369	3,227	3,497	4,823
Other off-balance sheet	55,082	54,291	54,925	49,518	46,711	44,658	51,269	54,703	55,576
OTC derivatives	11,394	7,973	8,887	8,722	8,424	10,610	9,050	10,870	8,030
	186,000	175,689	178,507	169,576	161,910	163,064	159,525	158,545	154,441
United States									
Drawn	40,900	39,201	38,792	37,999	35,069	38,836	41,846	43,365	28,392
Undrawn commitments	7,403	7,360	7,923	7,937	7,556	8,355	7,589	7,407	7,633
Repo-style transactions	2,299	2,253	1,675	4,181	3,342	4,007	4,323	4,562	3,614
Other off-balance sheet	18,819	19,294	21,077	20,510	19,007	20,097	20,541	23,303	20,028
OTC derivatives	4,364	4,055	3,885	3,077	2,649	2,352	2,386	2,226	2,271
	73,785	72,163	73,352	73,704	67,623	73,647	76,685	80,863	61,938
Europe									
Drawn	3,623	4,189	5,244	4,602	4,497	5,119	3,882	4,099	3,799
Undrawn commitments	2,085	1,791	1,725	1,661	1,674	2,539	2,587	2,531	2,066
Repo-style transactions	1,232	781	460	572	485	451	496	478	575
Other off-balance sheet	6,892	3,715	4,717	4,761	7,052	4,855	5,082	5,553	7,291
OTC derivatives	3,502	3,427	3,687	3,726	3,694	4,007	3,642	3,127	3,030
	17,334	13,903	15,833	15,322	17,402	16,971	15,689	15,788	16,761
Other countries									
Drawn	7,312	8,335	8,425	7,471	7,730	6,297	5,343	5,806	5,087
Undrawn commitments	1,013	862	796	744	917	847	924	836	1,030
Repo-style transactions	833	395	489	174	224	156	204	184	190
Other off-balance sheet	549	563	491	504	509	550	708	475	574
OTC derivatives	1,905	1,794	2,128	2,448	2,262	1,606	1,222	1,526	1,178
	11,612	11,949	12,329	11,341	11,642	9,456	8,401	8,827	8,059
	288,731	273,704	280,021	269,943	258,577	263,138	260,300	264,023	241,199

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 ¹

(\$ millions)

	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
Business and government portfolios									
Corporate									
Less than 1 year ²	60,057	56,518	57,633	55,488	50,532	47,050	47,455	48,044	45,367
1 - 3 years	50,961	47,897	46,676	44,333	42,794	43,718	41,773	39,223	36,976
3 - 5 years	34,822	34,003	36,411	36,344	36,729	37,930	36,547	35,775	35,217
Over 5 years	2,169	1,957	2,108	1,638	1,272	1,447	1,454	1,210	989
	148,009	140,375	142,828	137,803	131,327	130,145	127,229	124,252	118,549
Sovereign									
Less than 1 year ²	14,516	15,532	15,277	14,571	13,966	15,493	20,291	29,199	18,566
1 - 3 years	19,695	17,024	16,886	15,951	15,129	16,780	15,559	10,932	6,692
3 - 5 years	16,883	16,819	20,131	16,302	16,196	15,175	9,802	4,719	5,435
Over 5 years	1,871	1,344	1,504	1,581	1,545	1,939	1,607	1,564	673
	52,965	50,719	53,798	48,405	46,836	49,387	47,259	46,414	31,366
Banks									
Less than 1 year ²	72,948	68,075	69,199	67,043	67,425	69,690	72,018	79,922	78,454
1 - 3 years	12,768	10,212	9,042	8,787	10,504	11,174	9,414	9,442	9,430
3 - 5 years	1,573	4,008	4,627	7,396	1,573	1,710	3,354	2,997	1,940
Over 5 years	468	315	527	509	912	1,032	1,026	996	1,460
	87,757	82,610	83,395	83,735	80,414	83,606	85,812	93,357	91,284
Total business and government portfolios	288,731	273,704	280,021	269,943	258,577	263,138	260,300	264,023	241,199
Retail portfolios									
Real estate and secured personal lending									
Less than 1 year ²	70,478	68,450	69,027	75,233	75,821	76,395	80,552	79,913	78,995
1 - 3 years	93,231	84,631	78,550	71,028	62,362	57,985	54,158	55,112	57,629
3 - 5 years	66,324	70,175	70,880	71,746	72,266	71,271	68,117	63,600	60,341
Over 5 years	1,300	1,410	1,498	1,507	1,512	1,478	1,348	1,162	1,197
	231,333	224,666	219,955	219,514	211,961	207,129	204,175	199,787	198,162
Qualifying revolving retail									
Less than 1 year ²	68,503	69,993	69,056	68,334	67,487	66,817	65,722	65,174	66,672
	68,503	69,993	69,056	68,334	67,487	66,817	65,722	65,174	66,672
Other retail									
Less than 1 year ²	11,501	11,274	11,242	11,204	11,092	10,785	10,813	10,804	10,344
1 - 3 years	186	185	180	210	210	211	214	271	301
3 - 5 years	176	148	130	116	109	104	108	108	109
Over 5 years	376	264	177	117	86	69	57	53	55
	12,239	11,871	11,729	11,647	11,497	11,169	11,192	11,236	10,809
Total retail portfolios	312,075	306,530	300,740	299,495	290,945	285,115	281,089	276,197	275,643
Total credit exposure	600,806	580,234	580,761	569,438	549,522	548,253	541,389	540,220	516,842

¹ Excludes securitization exposures.

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



CREDIT RISK ASSOCIATED WITH DERIVATIVES

(\$ millions)

	Q2/17			Credit equivalent amount ¹	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15	
	Current replacement cost				Risk-weighted amount									
	Trading	ALM	Total											
Interest rate derivatives														
Over-the-counter														
Forward rate agreements	15	1	16	34	2	6	2	22	14	-	8	28	10	
Swap contracts	8,596	724	9,320	5,034	759	741	915	1,100	926	1,013	884	851	758	
Purchased options	159	3	162	49	20	14	13	21	20	15	26	16	18	
	8,770	728	9,498	5,117	781	761	930	1,143	960	1,028	918	895	786	
Exchange-traded	-	-	-	71	2	1	2	1	1	2	3	2	1	
Total interest rate derivatives	8,770	728	9,498	5,188	783	762	932	1,144	961	1,030	921	897	787	
Foreign exchange derivatives														
Over-the-counter														
Forward contracts	3,336	64	3,400	3,683	869	839	900	732	874	911	668	814	637	
Swap contracts	5,761	2,594	8,355	4,422	775	653	673	653	603	653	656	600	478	
Purchased options	226	-	226	374	126	104	123	144	217	222	173	230	158	
	9,323	2,658	11,981	8,479	1,770	1,596	1,696	1,529	1,694	1,786	1,497	1,644	1,273	
Credit derivatives														
Over-the-counter														
Credit default swap contracts - protection purchased	147	-	147	83	4	4	7	8	9	12	14	18	44	
Credit default swap contracts - protection sold	-	-	-	-	-	-	-	-	-	-	-	-	9	
	147	-	147	83	4	4	7	8	9	12	14	18	53	
Equity derivatives														
Over-the-counter	1,168	-	1,168	2,604	540	445	379	300	306	254	254	235	201	
Exchange-traded	1,305	-	1,305	2,322	70	44	49	45	45	32	36	14	17	
	2,473	-	2,473	4,926	610	489	428	345	351	286	290	249	218	
Precious metal derivatives														
Over-the-counter	36	-	36	40	20	28	17	15	10	6	6	7	7	
Exchange-traded	80	-	80	14	1	1	-	-	5	3	8	2	-	
	116	-	116	54	21	29	17	15	15	9	14	9	7	
Other commodity derivatives														
Over-the-counter	1,334	-	1,334	2,400	1,054	991	1,025	888	743	524	616	682	442	
Exchange-traded	63	-	63	963	38	37	39	43	64	68	77	30	30	
	1,397	-	1,397	3,363	1,092	1,028	1,064	931	807	592	693	712	472	
Non-trade exposure related to central counterparties					153	155	286	225	443	437	347	440	350	
CET1 CVA charge					3,655	3,247	2,977	3,021	2,998	2,880	2,685	2,625	2,030	
Total derivatives before netting	22,226	3,386	25,612	22,093	8,088	7,310	7,407	7,218	7,278	7,032	6,461	6,594	5,190	
Less: effect of netting ²			(14,253)											
Total derivatives			11,359	22,093	8,088	7,310	7,407	7,218	7,278	7,032	6,461	6,594	5,190	

¹ Sum of current replacement cost and potential future exposure, adjusted for the master netting agreements and the impact of collateral amounting to \$4,965 million (Q1/17: \$3,373 million). The collateral comprises cash of \$3,956 million (Q1/17: \$2,663 million) and government securities of \$1,009 million (Q1/17: \$710 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) (continued) ¹

(\$ millions)

CIBC rating	Banks	PD bands	Standard & Poor's equivalent	Moody's Investors Service equivalent	Q2/17						Q1/17							
					EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA	EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA
					Investment grade					1,784	-	-	0.02	22	6	98	1,809	-
10	0.03%-0.03%	AAA	Aaa		104	88	-	0.02	9	3	3	34	82	-	0.03	35	11	4
24	0.04%-0.05%	AA	Aa2		35,615	-	-	0.04	7	1	463	33,466	-	-	0.04	7	1	420
27	0.05%-0.06%	AA-	Aa3		6,128	-	-	0.05	17	6	377	5,504	-	-	0.05	15	6	328
31	0.07%-0.09%	A+	A1		14,440	50	65	0.08	24	9	1,273	12,612	50	65	0.08	23	9	1,096
34	0.09%-0.12%	A	A2		13,966	74	65	0.10	7	4	495	13,749	70	65	0.10	8	4	558
37	0.13%-0.16%	A-	A3		7,934	477	64	0.13	15	8	672	7,382	497	64	0.13	15	8	622
41	0.17%-0.22%	BBB+	Baa1		4,226	90	66	0.17	15	11	480	4,248	280	64	0.17	15	12	529
44	0.23%-0.30%	BBB	Baa2		1,617	815	64	0.24	10	10	165	1,057	624	64	0.25	12	10	106
47	0.31%-0.42%	BBB-	Baa3		548	104	64	0.34	19	20	112	1,095	104	64	0.35	15	19	203
Investment grade Total					86,362	1,698	61	0.08	12	5	4,138	80,956	1,707	61	0.08	12	5	3,960
Non-investment grade					85	3	64	0.53	31	45	38	300	75	54	0.55	22	31	94
51	0.43%-0.61%	BB+	Ba1		452	-	-	0.73	12	19	84	350	1	63	0.76	5	9	31
54	0.62%-1.09%	BB	Ba2		36	-	-	1.40	20	46	16	19	-	-	1.45	25	50	9
57	1.10%-1.92%	BB-	Ba3		334	3	60	2.45	10	26	88	402	6	51	2.54	11	28	114
61	1.93%-3.99%	B+	B1		484	-	-	6.00	16	60	289	580	-	-	6.23	18	68	394
64	4.00%-7.27%	B	B2		-	-	-	-	-	-	-	-	-	-	-	-	-	-
67	7.28%-12.11%	B-	B3		1,391	6	61	2.98	14	37	515	1,651	82	54	3.09	14	39	642
Non-investment grade Total					1,391	6	61	2.98	14	37	515	1,651	82	54	3.09	14	39	642
Watch list					-	-	-	-	-	-	-	1	-	-	17.03	23	119	1
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		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Watch list Total					-	-	-	16.72	5	27	-	1	-	-	17.03	18	90	1
Default					4	-	-	100.00	40	501	18	-	-	-	-	-	-	-
90	100.00%	D	C		4	-	-	100.00	40	501	18	-	-	-	-	-	-	-
Default Total					87,757	1,704	61	0.13	12	5	4,671	82,608	1,789	61	0.14	12	6	4,603
Commercial mortgages (Slotting approach)					287,532	75,132	62	0.65	23	25	71,510	272,299	69,739	62	0.75	23	26	70,947
Strong					1,024	10	60	-	-	70	717	1,229	9	56	-	-	70	861
Good					106	-	-	-	-	91	96	105	-	-	-	-	90	95
Satisfactory					52	17	71	-	-	115	60	58	18	67	-	-	116	67
Weak					10	-	-	-	-	260	26	6	-	-	-	-	267	16
Default					7	-	-	-	-	-	-	7	-	-	-	-	-	-
Commercial mortgages (Slotting approach) Total					1,199	27	67	-	-	75	899	1,405	27	63	-	-	74	1,039
Total business and government					288,731	75,159	62	-	-	25	72,409	273,704	69,766	62	-	-	26	71,986

For footnotes, see page 16.



CREDIT QUALITY OF AIRB EXPOSURE - BUSINESS AND GOVERNMENT PORTFOLIOS (RISK RATING METHOD) ¹

(\$ millions)

CIBC rating	PD bands	Standard & Poor's equivalent	Moody's Investors Service equivalent	Q4/16							Q3/16									
				EAD	Notional of undrawn commitments	Exposure weighted-average	Exposure weighted-average	Exposure weighted-average	Exposure weighted-average	RWA	EAD	Notional of undrawn commitments	Exposure weighted-average	Exposure weighted-average	Exposure weighted-average	Exposure weighted-average	RWA			
						EAD %	PD %	LGD %	risk weight %				EAD %	PD %	LGD %	risk weight %				
Corporate Investment grade																				
10	0.03%-0.03%	AAA	Aaa	2,092	47	71	0.02	16	4	83	1,755	12	78	0.02	15	4	78			
21	0.03%-0.03%	AA+	Aa1	486	272	64	0.03	20	5	27	511	270	67	0.03	20	5	27			
24	0.04%-0.05%	AA	Aa2	6,717	764	65	0.04	7	2	104	11,248	800	67	0.04	7	1	150			
27	0.05%-0.06%	AA-	Aa3	10,783	1,095	64	0.05	13	4	381	1,956	1,281	67	0.05	44	15	296			
31	0.07%-0.09%	A+	A1	3,943	1,564	65	0.08	34	20	781	4,527	1,416	67	0.08	38	21	942			
34	0.09%-0.12%	A	A2	5,966	2,563	66	0.10	38	25	1,473	5,244	2,378	68	0.10	41	27	1,416			
37	0.13%-0.16%	A-	A3	11,001	6,011	65	0.13	40	33	3,578	11,923	5,836	67	0.13	41	32	3,817			
41	0.17%-0.22%	BBB+	Baa1	19,020	10,077	66	0.17	43	41	7,781	17,928	9,950	68	0.17	43	41	7,356			
44	0.23%-0.30%	BBB	Baa2	12,830	5,820	67	0.25	43	46	5,929	12,752	5,400	70	0.25	43	46	5,876			
47	0.31%-0.42%	BBB-	Baa3	16,196	8,689	67	0.34	40	52	8,471	15,942	8,388	69	0.34	41	54	8,540			
				89,034	36,902	66	0.17	34	32	28,608	83,786	35,731	68	0.18	36	34	28,498			
Non-investment grade																				
51	0.43%-0.61%	BB+	Ba1	13,072	5,885	54	0.53	36	56	7,325	12,598	5,327	58	0.53	36	56	7,108			
54	0.62%-1.09%	BB	Ba2	13,883	6,981	54	0.74	33	58	8,089	13,097	6,591	59	0.74	34	60	7,849			
57	1.10%-1.92%	BB-	Ba3	10,187	4,496	56	1.34	34	71	7,219	10,282	4,200	60	1.35	34	71	7,269			
61	1.93%-3.99%	B+	B1	6,899	2,634	57	2.19	32	72	4,956	7,217	2,736	60	2.21	31	70	5,059			
64	4.00%-7.27%	B	B2	4,158	1,158	58	4.40	34	94	3,923	4,365	1,198	62	4.47	33	93	4,056			
67	7.28%-12.11%	B-	B3	1,131	270	56	9.18	33	123	1,389	1,270	336	57	9.23	33	125	1,589			
				49,330	21,424	55	1.51	34	67	32,901	48,829	20,388	59	1.59	34	67	32,930			
Watch list																				
70	12.12%-20.67%	CCC+	Caa1	981	536	52	18.26	32	159	1,562	1,286	579	57	17.99	25	124	1,594			
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	59	6	43	17.03	37	178	104	95	6	46	17.03	33	158	149			
80	20.68%-99.99%	CC to C	Ca	929	480	52	33.14	24	126	1,169	838	325	56	33.29	21	115	963			
				1,969	1,022	52	25.25	28	144	2,835	2,219	910	57	23.73	24	122	2,706			
Default																				
90	100.00%	D	C	803	25	56	100.00	28	193	1,546	843	35	48	100.00	35	208	1,753			
				803	25	56	100.00	28	193	1,546	843	35	48	100.00	35	208	1,753			
				141,136	59,373	62	1.56	34	47	65,890	135,677	57,064	65	1.69	35	49	65,887			
Sovereign Investment grade																				
00	0.01%-0.015%	AAA	Aaa	29,710	187	65	0.01	5	1	249	25,197	187	67	0.01	5	1	190			
10	0.016%-0.025%	AAA	Aaa	12,993	1,379	64	0.02	14	3	401	11,908	1,080	67	0.02	14	3	362			
21	0.016%-0.025%	AA+	Aa1	3,895	1,481	63	0.02	11	2	84	4,282	1,568	66	0.02	13	2	89			
24	0.016%-0.025%	AA	Aa2	1,978	413	67	0.02	39	7	146	1,474	313	75	0.02	39	9	129			
27	0.026%-0.035%	AA-	Aa3	1,283	1,183	67	0.03	17	5	63	1,343	1,213	69	0.03	19	6	74			
31	0.036%-0.05%	A+	A1	1,008	795	68	0.04	23	7	74	1,054	758	69	0.04	22	7	75			
34	0.06%-0.065%	A	A2	938	698	66	0.05	16	7	62	1,048	735	70	0.05	19	7	74			
37	0.066%-0.08%	A-	A3	332	313	67	0.09	16	11	37	405	406	68	0.09	21	12	51			
41	0.09%-0.16%	BBB+	Baa1	613	435	66	0.15	15	11	66	863	631	68	0.15	25	25	214			
44	0.16%-0.26%	BBB	Baa2	116	35	71	0.25	49	45	52	136	34	80	0.25	46	39	53			
47	0.27%-0.42%	BBB-	Baa3	150	60	73	0.35	41	50	75	101	39	81	0.35	52	65	66			
				53,016	6,979	66	0.02	10	2	1,309	47,811	6,964	68	0.02	11	3	1,377			
Non-investment grade																				
51	0.43%-0.61%	BB+	Ba1	38	29	56	0.55	51	77	29	36	38	62	0.55	42	57	20			
54	0.62%-1.09%	BB	Ba2	714	179	36	0.76	4	6	41	525	116	40	0.76	6	8	42			
57	1.10%-1.92%	BB-	Ba3	14	4	66	1.45	21	45	6	16	3	71	1.45	26	56	9			
61	1.93%-3.99%	B+	B1	4	-	-	2.54	22	58	2	4	-	-	2.54	22	58	2			
64	4.00%-7.27%	B	B2	6	-	-	6.23	32	116	7	5	-	-	6.23	31	114	6			
67	7.28%-12.11%	B-	B3	2	-	-	9.77	80	389	6	2	-	-	9.77	79	387	6			
				778	212	39	0.83	7	12	91	588	157	46	0.85	9	15	85			
Watch list																				
70	12.12%-20.67%	CCC+	Caa1	2	-	-	17.03	94	482	11	3	-	-	17.03	89	409	12			
75	12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	2	3	67	17.03	25	119	2	2	3	69	17.03	25	128	2			
80	20.68%-99.99%	CC to C	Ca	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
				4	3	67	17.03	65	325	13	5	3	70	17.03	64	300	14			
Default																				
90	100.00%	D	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
				-	-	-	-	-	-	-	-	-	-	-	-	-	-			
				53,798	7,194	65	0.03	10	3	1,413	48,404	7,124	68	0.03	11	3	1,476			

For footnotes, see page 16.



CREDIT QUALITY OF AIRB EXPOSURE - BUSINESS AND GOVERNMENT PORTFOLIOS (RISK RATING METHOD) (continued) ¹

(\$ millions)

CIBC rating	Banks	PD bands	Standard & Poor's equivalent	Moody's Investors Service equivalent	Q4/16						Q3/16							
					EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA	EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA
					Investment grade													
10		0.03%-0.03%	AAA	Aaa	2,002	-	-	0.02	19	5	95	5,233	-	-	0.01	10	2	130
21		0.03%-0.03%	AA+	Aa1	42	82	-	0.03	22	8	3	21	86	-	0.04	41	14	3
24		0.04%-0.05%	AA	Aa2	33,810	-	-	0.04	7	1	431	31,882	-	-	0.04	7	1	430
27		0.05%-0.06%	AA-	Aa3	4,833	-	-	0.05	21	8	372	10,093	-	-	0.05	16	4	434
31		0.07%-0.09%	A+	A1	12,122	50	65	0.08	20	8	957	9,932	50	68	0.08	18	7	709
34		0.09%-0.12%	A	A2	13,543	72	65	0.10	7	4	524	9,416	71	67	0.10	10	6	537
37		0.13%-0.16%	A-	A3	7,619	497	64	0.13	14	8	602	8,112	447	67	0.13	14	9	711
41		0.17%-0.22%	BBB+	Baa1	5,334	232	65	0.17	12	10	532	2,955	280	67	0.17	15	11	313
44		0.23%-0.30%	BBB	Baa2	1,193	624	64	0.25	12	10	118	3,354	624	67	0.25	12	11	371
47		0.31%-0.42%	BBB-	Baa3	1,195	12	97	0.35	14	17	202	758	-	-	0.35	19	21	163
					81,693	1,569	61	0.08	11	5	3,836	81,756	1,558	63	0.08	11	5	3,801
Non-investment grade																		
51		0.43%-0.61%	BB+	Ba1	383	81	54	0.55	26	34	129	148	78	59	0.55	39	57	84
54		0.62%-1.09%	BB	Ba2	651	1	59	0.76	14	22	141	601	1	65	0.76	13	18	108
57		1.10%-1.92%	BB-	Ba3	89	-	-	1.45	28	61	54	358	1	66	1.45	27	57	204
61		1.93%-3.99%	B+	B1	172	8	53	2.54	14	38	66	162	1	74	2.54	11	25	41
64		4.00%-7.27%	B	B2	403	-	-	6.23	14	50	201	709	3	64	6.23	17	61	434
67		7.28%-12.11%	B-	B3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					1,698	90	54	2.23	17	35	591	1,978	84	59	2.98	19	44	871
Watch list																		
70		12.12%-20.67%	CCC+	Caa1	1	-	-	17.03	23	109	1	-	-	-	-	-	-	-
75		12.12%-20.67%	CCC to CCC-	Caa2 to Caa3	-	-	-	-	-	-	-	1	-	-	17.03	12	53	-
80		20.68%-99.99%	CC to C	Ca	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					1	-	-	17.03	15	70	1	1	-	-	17.03	16	73	-
Default																		
90		100.00%	D	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-
					83,392	1,659	61	0.12	11	5	4,428	83,735	1,642	63	0.15	11	6	4,672
					278,326	68,226	62	0.83	23	26	71,731	267,816	65,830	65	0.91	23	27	72,035
Commercial mortgages (Slotting approach)																		
Strong					1,467	5	60			70	1,027	1,856	4	50			70	1,299
Good					127	-	-			90	114	157	-	-			90	141
Satisfactory					86	24	71			114	98	104	25	68			114	119
Weak					8	-	-			250	20	5	-	-			260	13
Default					7	-	-			-	-	5	-	-			-	-
					1,695	29	69			74	1,259	2,127	29	66			74	1,572
Total business and government					280,021	68,255	62			26	72,990	269,943	65,859	65			27	73,607

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

CREDIT QUALITY OF AIRB EXPOSURE - RETAIL PORTFOLIOS ¹

(\$ millions)

	PD bands	Q2/17							Expected losses	Expected losses adjusted average risk weight % ²
		EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA		
Canadian residential mortgages and HELOCs										
Insured Drawn and Undrawn ³										
Exceptionally low	0.01% - 0.10%	93,376	-	-	0.01	5	1	868	1	1
	0.11% - 0.20%	399	-	-	0.18	22	21	84	-	22
Very low	0.21% - 0.35%	722	-	-	0.25	20	21	154	-	22
	0.36% - 0.50%	1	-	-	0.46	18	26	-	-	27
Low	0.51% - 1.00%	80	-	-	0.53	21	34	27	-	35
		94,578	-	-	0.01	5	1	1,133	1	1
Uninsured Undrawn ⁴										
Exceptionally low	0.01% - 0.10%	12,642	42,558	30	0.04	32	3	437	2	4
	0.11% - 0.20%	6,045	6,852	88	0.14	24	8	454	2	8
Very low	0.21% - 0.35%	378	1,130	34	0.34	36	21	80	-	23
	0.36% - 0.50%	-	-	-	-	-	-	-	-	-
Low	0.51% - 1.00%	292	972	30	0.53	31	26	75	-	28
	1.01% - 2.00%	151	456	33	1.17	36	50	75	1	55
Medium	2.01% - 5.00%	27	67	41	4.29	38	114	31	-	135
	5.01% - 10.00%	-	-	-	-	-	-	-	-	-
High	10.01% - 99.99%	8	21	36	26.55	36	211	16	1	332
Default	100.00%	-	-	-	-	-	-	-	-	-
		19,543	52,056	38	0.11	29	6	1,168	6	6
Uninsured Drawn ⁴										
Exceptionally low	0.01% - 0.10%	61,781	n/a	n/a	0.06	21	3	2,007	8	3
	0.11% - 0.20%	14,101	n/a	n/a	0.18	23	9	1,237	6	9
Very low	0.21% - 0.35%	18,402	n/a	n/a	0.32	19	11	1,999	11	12
	0.36% - 0.50%	312	n/a	n/a	0.43	22	15	48	-	16
Low	0.51% - 1.00%	6,775	n/a	n/a	0.78	24	25	1,675	12	27
	1.01% - 2.00%	12,071	n/a	n/a	1.26	18	26	3,131	27	29
Medium	2.01% - 5.00%	3,176	n/a	n/a	3.59	22	60	1,902	25	70
	5.01% - 10.00%	27	n/a	n/a	7.53	19	75	20	-	92
High	10.01% - 99.99%	341	n/a	n/a	33.08	22	120	408	24	207
Default	100.00%	226	n/a	n/a	100.00	24	42	96	63	392
		117,212	n/a	n/a	0.67	21	11	12,523	176	13
Qualifying revolving credit										
Exceptionally low	0.01% - 0.10%	29,342	35,559	76	0.04	89	3	734	11	3
	0.11% - 0.20%	8,400	6,277	67	0.15	84	7	601	11	9
Very low	0.21% - 0.35%	3,034	488	83	0.24	84	10	315	6	13
	0.36% - 0.50%	6,675	3,240	62	0.40	86	16	1,073	23	20
Low	0.51% - 1.00%	2,818	350	56	0.80	84	27	767	19	36
	1.01% - 2.00%	9,812	2,837	65	1.46	87	44	4,341	125	60
Medium	2.01% - 5.00%	6,031	5,294	64	3.59	87	83	5,029	188	122
	5.01% - 10.00%	1,184	2,344	76	8.44	82	138	1,638	82	225
High	10.01% - 99.99%	1,166	9,312	78	31.15	87	211	2,460	318	551
Default	100.00%	41	-	-	100.00	84	224	92	31	1,176
		68,503	65,701	71	1.38	87	25	17,050	814	40
Other retail										
Exceptionally low	0.01% - 0.10%	2,949	1,527	66	0.08	36	7	200	1	7
	0.11% - 0.20%	167	129	67	0.13	84	26	43	-	27
Very low	0.21% - 0.35%	1,027	580	47	0.29	79	41	425	2	44
	0.36% - 0.50%	440	216	47	0.40	76	48	212	1	52
Low	0.51% - 1.00%	913	570	53	0.69	76	65	590	5	71
	1.01% - 2.00%	3,088	159	55	1.40	84	97	2,992	36	112
Medium	2.01% - 5.00%	2,388	156	71	3.21	67	93	2,226	54	121
	5.01% - 10.00%	486	65	57	7.59	83	131	635	31	209
High	10.01% - 99.99%	727	184	59	44.74	40	83	605	83	227
Default	100.00%	54	-	-	100.00	82	467	253	29	1,131
		12,239	3,586	59	4.49	65	67	8,181	242	92
		312,075	121,343	57	0.74	33	13	40,055	1,239	18

For footnotes, see page 20.



CREDIT QUALITY OF AIRB EXPOSURE - RETAIL PORTFOLIOS ¹

(\$ millions)

	PD bands	Q1/17							Expected losses	Expected losses adjusted risk weight % ²
		EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA		
Canadian residential mortgages and HELOCs										
Insured Drawn and Undrawn ³										
Exceptionally low	0.01% - 0.10%	93,279	-	-	0.01	5	1	861	1	1
	0.11% - 0.20%	385	-	-	0.18	22	21	81	-	21
Very low	0.21% - 0.35%	694	-	-	0.26	20	22	152	-	23
	0.36% - 0.50%	1	-	-	0.47	16	24	-	-	24
Low	0.36% - 0.50%	85	-	-	0.54	21	34	29	-	36
		94,444	-	-	0.01	5	1	1,123	1	1
Uninsured Undrawn ⁴										
Exceptionally low	0.01% - 0.10%	12,299	41,427	30	0.04	32	3	428	1	4
	0.11% - 0.20%	4,615	5,110	90	0.14	24	7	341	2	8
Very low	0.21% - 0.35%	546	1,614	34	0.30	35	19	104	1	20
	0.36% - 0.50%	-	-	-	-	-	-	-	-	-
Low	0.51% - 1.00%	280	930	30	0.53	31	26	73	-	28
	1.01% - 2.00%	145	445	33	1.16	35	48	70	1	54
Medium	2.01% - 5.00%	31	76	41	4.30	36	111	34	-	131
	5.01% - 10.00%	-	-	-	-	-	-	-	-	-
High	10.01% - 99.99%	10	28	36	26.87	38	218	21	1	344
Default	100.00%	-	-	-	-	-	-	-	-	-
		17,926	49,630	36	0.11	30	6	1,071	6	6
Uninsured Drawn ⁴										
Exceptionally low	0.01% - 0.10%	58,568	n/a	n/a	0.06	21	3	1,913	7	3
	0.11% - 0.20%	12,392	n/a	n/a	0.18	21	8	1,013	5	9
Very low	0.21% - 0.35%	18,954	n/a	n/a	0.31	20	11	2,080	12	12
	0.36% - 0.50%	284	n/a	n/a	0.43	22	15	43	-	16
Low	0.51% - 1.00%	6,333	n/a	n/a	0.78	22	24	1,529	11	26
	1.01% - 2.00%	12,218	n/a	n/a	1.25	18	26	3,219	28	29
Medium	2.01% - 5.00%	2,970	n/a	n/a	3.60	21	59	1,767	23	69
	5.01% - 10.00%	24	n/a	n/a	7.52	20	78	19	-	96
High	10.01% - 99.99%	334	n/a	n/a	34.26	22	122	408	24	214
Default	100.00%	219	n/a	n/a	100.00	25	43	94	62	398
		112,296	n/a	n/a	0.68	20	11	12,085	172	13
Qualifying revolving credit										
Exceptionally low	0.01% - 0.10%	30,362	36,396	78	0.04	91	2	688	10	3
	0.11% - 0.20%	11,490	12,726	69	0.14	88	7	817	14	9
Very low	0.21% - 0.35%	2,434	2,766	74	0.29	86	13	308	6	16
	0.36% - 0.50%	4,182	3,876	62	0.38	83	15	623	13	19
Low	0.51% - 1.00%	4,262	3,788	63	0.62	90	23	1,000	23	30
	1.01% - 2.00%	8,257	3,679	71	1.46	87	44	3,661	105	60
Medium	2.01% - 5.00%	5,251	1,211	76	3.54	88	83	4,373	162	122
	5.01% - 10.00%	2,414	616	89	6.88	89	131	3,155	146	207
High	10.01% - 99.99%	1,295	408	81	31.05	89	209	2,709	355	552
Default	100.00%	46	-	-	100.00	84	212	98	36	1,177
		69,993	65,466	74	1.43	89	25	17,432	870	40
Other retail										
Exceptionally low	0.01% - 0.10%	2,888	1,521	65	0.08	35	7	190	1	7
	0.11% - 0.20%	178	163	69	0.13	84	26	46	-	27
Very low	0.21% - 0.35%	963	574	45	0.29	80	42	405	2	45
	0.36% - 0.50%	406	306	53	0.40	77	48	196	1	52
Low	0.51% - 1.00%	860	372	48	0.69	76	65	555	4	71
	1.01% - 2.00%	2,965	193	57	1.39	84	97	2,867	35	111
Medium	2.01% - 5.00%	2,394	86	56	3.22	68	95	2,265	55	123
	5.01% - 10.00%	484	82	67	7.53	83	130	628	30	208
High	10.01% - 99.99%	677	257	61	43.60	41	86	583	81	235
Default	100.00%	56	-	-	100.00	82	409	230	33	1,150
		11,871	3,554	59	4.37	65	67	7,965	242	92
		306,530	118,650	58	0.75	34	13	39,676	1,291	18

For footnotes, see page 20.



CREDIT QUALITY OF AIRB EXPOSURE - RETAIL PORTFOLIOS ¹

(\$ millions)

		Q4/16							Expected losses	Expected losses adjusted risk weight % ²
		EAD	Notional of undrawn commitments	Exposure weighted-average EAD %	Exposure weighted-average PD %	Exposure weighted-average LGD %	Exposure weighted-average risk weight %	RWA		
Canadian residential mortgages and HELOCs										
Insured Drawn and Undrawn ³										
Exceptionally low	0.01% - 0.10%	96,275	-	-	0.01	5	1	887	1	1
	0.11% - 0.20%	397	-	-	0.18	22	21	83	-	21
Very low	0.21% - 0.35%	701	-	-	0.26	20	22	155	-	23
	0.36% - 0.50%	1	-	-	0.46	16	24	-	-	24
Low	0.51% - 1.00%	82	-	-	0.54	22	35	28	-	36
		97,456	-	-	0.01	5	1	1,153	1	1
Uninsured Undrawn ⁴										
Exceptionally low	0.01% - 0.10%	11,914	40,153	30	0.04	32	3	411	1	4
	0.11% - 0.20%	5,485	5,970	92	0.14	24	7	403	2	8
Very low	0.21% - 0.35%	525	1,531	34	0.30	35	19	97	1	20
	0.36% - 0.50%	-	-	-	-	-	-	-	-	-
Low	0.51% - 1.00%	275	913	30	0.53	31	25	70	-	27
	1.01% - 2.00%	140	431	32	1.16	35	48	67	1	53
Medium	2.01% - 5.00%	26	61	42	4.25	38	115	30	-	135
	5.01% - 10.00%	-	-	-	-	-	-	-	-	-
High	10.01% - 99.99%	11	31	34	26.97	37	211	22	1	334
Default	100.00%	-	-	-	-	-	-	-	-	-
		18,376	49,090	37	0.11	29	6	1,100	6	6
Uninsured Drawn ⁴										
Exceptionally low	0.01% - 0.10%	55,276	n/a	n/a	0.06	21	3	1,822	7	3
	0.11% - 0.20%	11,154	n/a	n/a	0.18	22	8	883	4	8
Very low	0.21% - 0.35%	17,677	n/a	n/a	0.31	20	11	1,956	11	12
	0.36% - 0.50%	282	n/a	n/a	0.42	22	15	42	-	16
Low	0.51% - 1.00%	5,709	n/a	n/a	0.77	22	23	1,330	10	25
	1.01% - 2.00%	10,627	n/a	n/a	1.26	18	26	2,758	24	29
Medium	2.01% - 5.00%	2,833	n/a	n/a	3.61	22	59	1,678	22	69
	5.01% - 10.00%	30	n/a	n/a	7.49	20	78	24	-	96
High	10.01% - 99.99%	343	n/a	n/a	32.52	23	129	441	26	223
Default	100.00%	192	n/a	n/a	100.00	26	42	81	56	406
		104,123	n/a	n/a	0.67	21	11	11,015	160	13
Qualifying revolving credit										
Exceptionally low	0.01% - 0.10%	29,612	35,662	77	0.04	91	2	670	9	3
	0.11% - 0.20%	11,386	12,623	69	0.14	88	7	809	14	9
Very low	0.21% - 0.35%	2,349	2,691	73	0.29	86	13	297	6	16
	0.36% - 0.50%	4,213	3,890	62	0.38	83	15	629	13	19
Low	0.51% - 1.00%	4,218	3,785	63	0.62	90	23	989	23	30
	1.01% - 2.00%	8,191	3,662	70	1.46	87	44	3,636	105	60
Medium	2.01% - 5.00%	5,237	1,205	75	3.54	88	83	4,365	162	122
	5.01% - 10.00%	2,459	617	89	6.86	89	131	3,218	149	207
High	10.01% - 99.99%	1,347	439	79	29.92	89	209	2,809	355	538
Default	100.00%	44	-	-	100.00	83	205	90	34	1,167
		69,056	64,574	73	1.44	89	25	17,512	870	41
Other retail										
Exceptionally low	0.01% - 0.10%	1,350	1,547	64	0.07	68	13	170	1	13
	0.11% - 0.20%	165	147	70	0.13	84	26	42	-	27
Very low	0.21% - 0.35%	951	561	45	0.30	81	42	403	2	45
	0.36% - 0.50%	394	281	55	0.40	77	49	191	1	52
Low	0.51% - 1.00%	855	361	48	0.69	76	65	555	4	71
	1.01% - 2.00%	4,883	187	57	1.32	50	57	2,792	34	66
Medium	2.01% - 5.00%	1,929	80	57	3.37	83	117	2,251	54	152
	5.01% - 10.00%	477	74	65	7.54	83	130	619	30	208
High	10.01% - 99.99%	672	251	60	44.03	41	85	572	79	232
Default	100.00%	53	-	-	100.00	82	411	218	31	1,142
		11,729	3,489	58	4.48	64	67	7,813	236	92
		300,740	117,153	58	0.75	34	13	38,593	1,273	18

For footnotes, see page 20.



CREDIT QUALITY OF AIRB EXPOSURE - RETAIL PORTFOLIOS ¹

(\$ millions)

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

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

² 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

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

	Q2/16		Q1/16		Q4/15		Q3/15	
	Expected loss rate % ¹	Actual loss rate % ¹	Expected loss rate % ¹	Actual loss rate % ¹	Expected loss rate % ¹	Actual loss rate % ¹	Expected loss rate % ¹	Actual loss rate % ¹
Business and government portfolios								
Corporate	0.53	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

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

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

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

BUSINESS AND GOVERNMENT AIRB EXPOSURES BY INDUSTRY GROUPS ¹

(\$ millions)

	Q2/17					Total	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
	Drawn	Undrawn commitments	Repo-style transactions	Other off-balance sheet	OTC derivatives		Total							
Commercial mortgages	1,182	18	-	-	-	1,200	1,406	1,694	2,126	2,617	7,746	8,066	8,128	8,174
Financial institutions	33,569	4,130	11,775	73,530	12,651	135,655	131,665	134,727	126,294	120,458	120,593	127,879	133,913	127,897
Retail and wholesale	4,385	2,597	-	256	47	7,285	7,187	6,967	7,001	7,016	6,769	6,806	6,466	6,336
Business services	6,056	2,305	44	587	54	9,046	8,860	8,682	8,308	8,183	7,659	7,312	7,365	6,912
Manufacturing - capital goods	2,033	2,119	-	378	287	4,817	4,616	4,651	4,783	4,763	5,218	4,528	4,338	4,028
Manufacturing - consumer goods	2,943	1,640	-	230	62	4,875	4,566	4,546	4,705	4,621	4,403	4,065	4,144	3,714
Real estate and construction	29,266	6,606	-	914	178	36,964	34,817	34,549	33,616	30,896	25,445	24,074	23,327	21,523
Agriculture	5,175	1,566	-	60	85	6,886	6,692	6,582	6,749	6,590	6,526	6,278	6,063	5,770
Oil and gas	6,216	8,010	-	1,034	2,171	17,431	16,762	17,655	17,185	16,497	18,653	17,276	17,384	16,683
Mining	1,433	2,711	-	726	64	4,934	4,782	5,104	4,800	4,725	5,276	4,816	4,718	4,573
Forest products	477	464	-	131	24	1,096	1,091	1,072	1,196	1,207	1,221	1,283	1,301	1,376
Hardware and software	781	394	-	30	8	1,213	1,125	1,108	1,198	1,346	1,179	1,112	1,147	904
Telecommunications and cable	733	1,028	-	432	131	2,324	2,058	2,040	2,138	2,126	2,321	2,241	2,169	2,007
Broadcasting, publishing, and printing	493	135	-	-	8	636	872	889	899	884	730	681	691	771
Transportation	3,272	1,784	-	534	687	6,277	5,891	5,867	5,731	5,254	5,175	4,999	4,906	4,570
Utilities	4,064	6,390	-	2,013	524	12,991	11,670	11,197	11,435	11,725	11,848	10,943	10,467	10,381
Education, health, and social services	2,539	928	80	96	303	3,946	3,699	3,624	3,699	3,573	3,443	2,971	2,832	2,776
Governments	22,477	3,697	709	391	3,881	31,155	25,945	29,067	28,080	26,096	28,933	24,970	24,664	12,804
	127,094	46,522	12,608	81,342	21,165	288,731	273,704	280,021	269,943	258,577	263,138	260,300	264,023	241,199

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)

	Risk-weight category							
	0%	20%	35%	50%	75%	100%	150%	Total
Q2/17								
Corporate	-	-	-	-	-	3,759	4	3,763
Sovereign	3,890	302	-	270	-	530	34	5,026
Banks	-	1,552	-	221	-	222	-	1,995
Real estate secured personal lending	-	-	-	-	2,445	-	251	2,696
Other retail	-	-	-	-	814	-	64	878
	3,890	1,854	-	491	3,259	4,511	353	14,358
Q1/17	3,828	1,757	-	366	3,068	4,207	349	13,575
Q4/16	3,673	1,910	-	509	3,133	4,480	417	14,122
Q3/16	3,767	1,929	-	383	3,022	4,299	431	13,831
Q2/16	3,570	1,799	-	366	2,863	4,087	440	13,125
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

EXPOSURE COVERED BY GUARANTEES AND CREDIT DERIVATIVES ¹

(\$ millions)

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

	Q2/16			Q1/16			Q4/15			Q3/15		
	Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives			Provider of guarantees/ credit derivatives		
	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign	Bank
Corporate	7,253	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

EXPOSURE SECURITIZED AS ORIGINATOR ²

(\$ millions)

	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
	Total	Total	Total	Total	Total	Total	Total	Total	Total
Commercial mortgages									
Securitized	7	63	156	194	209	223	225	228	230
Sold	7	63	156	194	209	223	225	228	230

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

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

BANK SPONSORED MULTI-SELLER CONDUITS EXPOSURE

(\$ millions)	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
	Asset amount								
Canadian residential mortgages	502	589	546	593	-	-	-	-	-
Auto and fleet leases	1,178	1,248	1,070	1,147	1,223	1,292	930	987	743
Auto loans	809	911	1,054	577	677	778	884	485	560
Franchise loans	477	449	468	470	461	409	391	398	373
Credit cards	720	875	875	725	710	710	710	710	710
Equipment leases/loans	1,118	1,257	1,364	1,218	1,186	1,198	950	988	628
Trade receivables	-	-	-	-	-	-	-	-	-
Dealer floorplan	55	55	55	55	55	55	115	145	125
	4,859	5,384	5,432	4,785	4,312	4,442	3,980	3,713	3,139
Impaired and other past due loans ¹	20	19	18	17	18	18	16	16	18

TOTAL SECURITIZATION EXPOSURES (IRB APPROACH)

(\$ millions)	Q2/17					Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	Q2/15
	Investments and loans	Undrawn liquidity and credit facilities	Written credit derivatives	Total exposure	Of which resecuritization exposure ²	Total Exposure							
Non-Trading													
<u>Third party securitized assets</u> ³													
CIBC sponsored conduits and structured vehicles	368	7,203	-	7,571	-	7,896	7,921	7,348	6,424	6,352	5,561	5,631	5,117
Third party structured vehicles	3,827	1,109	39	4,975	117	5,105	10,942	11,400	11,153	12,516	10,315	10,306	9,851
Trading ⁴	109	-	-	109	-	146	125	155	159	277	247	345	252
Total EAD	4,304	8,312	39	12,655	117	13,147	18,988	18,903	17,736	19,145	16,123	16,282	15,220

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

² Resecuritization exposure comprises \$79 million (Q1/17: \$110 million) of investments and loans, nil (Q1/17: nil) of undrawn credit facilities and \$38 million (Q1/17: \$37 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)

	Q2/17						Q1/17					
	EAD ¹		RWA		Capital charge		EAD ¹		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
Trading												
Ratings based approach												
AAA to BBB-	109	-	14	-	1	-	146	-	14	-	1	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
Total trading	109	-	14	-	1	-	146	-	14	-	1	-
Non-trading												
Ratings based approach												
AAA to BBB-	2,950	74	213	30	17	2	3,136	102	235	41	19	3
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	14	-	171	-	14	-	13	-	163	-	13	-
	2,964	74	384	30	31	2	3,149	102	398	41	32	3
Internal assessment approach												
AAA to BBB-	6,771	-	474	-	38	-	7,110	-	498	-	40	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
	6,771	-	474	-	38	-	7,110	-	498	-	40	-
Supervisory formula approach												
Unrated exposure ²	2,694	38	300	152	24	12	2,595	37	343	118	28	9
	-	-	-	-	-	-	-	-	-	-	-	-
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
Total non-trading	12,429	112	1,158	182	93	14	12,854	139	1,239	159	100	12
Total exposure	12,538	112	1,172	182	94	14	13,000	139	1,253	159	101	12

(\$ millions)

	Q4/16						Q3/16					
	EAD ¹		RWA		Capital charge		EAD ¹		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
Trading												
Ratings based approach												
AAA to BBB-	125	-	12	-	1	-	155	-	15	-	1	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
Total trading	125	-	12	-	1	-	155	-	15	-	1	-
Non-trading												
Ratings based approach												
AAA to BBB-	3,662	373	272	238	22	19	4,118	540	305	317	24	25
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	13	-	168	-	13	-	13	-	163	-	13	-
	3,675	373	440	238	35	19	4,131	540	468	317	37	25
Internal assessment approach												
AAA to BBB-	7,192	-	523	-	42	-	6,375	-	446	-	36	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
	7,192	-	523	-	42	-	6,375	-	446	-	36	-
Supervisory formula approach												
Unrated exposure ²	7,323	44	811	206	65	16	7,410	46	868	191	70	15
	-	-	-	-	-	-	-	-	-	-	-	-
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
Total non-trading	18,190	417	1,774	444	142	35	17,916	586	1,782	508	143	40
Total exposure	18,315	417	1,786	444	143	35	18,071	586	1,797	508	144	40

For footnotes, see next page.



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

(\$ millions)	Q2/16						Q1/16					
	EAD ¹		RWA		Capital charge		EAD ¹		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
Trading												
Ratings based approach												
AAA to BBB-	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-	4,057	628	293	346	23	28	4,441	715	321	382	26	31
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	13	-	157	-	13	-	14	-	175	-	14	-
Total ratings based approach	4,070	628	450	346	36	28	4,455	715	496	382	40	31
Internal assessment approach												
AAA to BBB-	5,501	-	385	-	30	-	5,390	-	377	-	30	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Total internal assessment approach	5,501	-	385	-	30	-	5,390	-	377	-	30	-
Supervisory formula approach	7,086	44	663	129	53	10	7,977	50	717	127	57	10
Unrated exposure ²	-	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	673	1,510	483	120	39	18,099	766	1,614	518	129	42

(\$ millions)	Q4/15						Q3/15					
	EAD ¹		RWA		Capital charge		EAD ¹		RWA		Capital charge	
	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization	Securitization	Resecuritization
Trading												
Ratings based approach												
AAA to BBB-	247	-	20	-	2	-	344	-	28	-	2	-
Unrated exposure	-	-	4	-	-	-	1	-	6	-	1	-
Total trading	247	-	24	-	2	-	345	-	34	-	3	-
Non-trading												
Ratings based approach												
AAA to BBB-	4,015	747	292	391	23	31	4,153	879	301	433	24	35
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Rated below BB-	13	-	163	-	13	-	13	-	164	-	13	-
Total ratings based approach	4,028	747	455	391	36	31	4,166	879	465	433	37	35
Internal assessment approach												
AAA to BBB-	4,785	-	335	-	27	-	4,405	-	308	-	25	-
BB+ to BB-	-	-	-	-	-	-	-	-	-	-	-	-
Total internal assessment approach	4,785	-	335	-	27	-	4,405	-	308	-	25	-
Supervisory formula approach	5,969	66	497	325	40	26	6,103	68	590	252	46	20
Unrated exposure ²	-	1	-	8	-	1	13	1	7	8	1	1
Deduction from capital												
Tier 1 and 2												
Rated below BB-	-	-	-	-	-	-	-	-	-	-	-	-
Unrated exposure	-	-	-	-	-	-	-	-	-	-	-	-
Total non-trading	14,782	814	1,287	724	103	58	14,687	948	1,370	693	109	56
Total exposure	15,029	814	1,311	724	105	58	15,032	948	1,404	693	112	56

¹ Net of financial collateral of \$5 million (Q1/17: \$8 million) for resecuritization exposures.
² Pertains to unrated exposures not subject to supervisory formula approach.

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

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

Advanced measurement approach (AMA) for operational risk

A risk-sensitive approach to calculating the capital charge for operational risk based on internal risk measurement models, using a combination of quantitative and qualitative risk measurement techniques.

Business and government portfolio

A category of exposures that includes lending to businesses and governments, where the primary basis of adjudication relies on the determination and assignment of an appropriate risk rating, that reflects the credit risk of the exposure.

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

CET1, Tier 1 and Total regulatory capital, divided by RWA as defined by OSFI's Capital Adequacy Requirements Guidelines, which is 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).

Leverage exposure

For the purposes of the leverage ratio, exposure is defined under the rules as on-balance sheet assets (unweighted) less Tier 1 capital regulatory adjustments plus derivative exposures, securities financing transaction exposures with a limited form of netting under certain conditions, and other off-balance sheet exposures (such as commitments, direct credit substitutes, forward asset purchases, standby/trade letters of credit, securitization exposures).

Leverage ratio

Defined as Tier 1 capital divided by Leverage Exposure.

Loss given default (LGD)

An estimate of the amount of exposure to a customer that will not be recovered following a default by that customer, expressed as a percentage of the exposure at default.

Operational risk

The risk of loss resulting from people, inadequate or failed internal processes, and systems or from external events.

Probability of default (PD)

An estimate of the likelihood of default for any particular customer which occurs when that customer is not able to repay its obligations as they become contractually due.

Qualifying revolving retail

This exposure class includes credit cards, unsecured lines of credit and overdraft protection products extended to individuals. Under the standardized approach, these exposures would be included under "other retail".

Real estate secured personal lending

This exposure class includes residential mortgages and home equity lines of credit extended to individuals.

Regulatory capital

Basel III regulatory capital, as defined by OSFI's Capital Adequacy Requirements Guideline, is comprised of Common Equity Tier 1 (CET1), Additional Tier 1 (AT1) and Tier 2 capital. CET1 capital includes common shares, retained earnings, AOCI (excluding AOCI relating to cash flow hedges and changes to FVO liabilities attributable to changes in own credit risk) and qualifying instruments issued by a consolidated banking subsidiary to third parties, less regulatory adjustments for items such as goodwill and other intangible assets, deferred tax assets, net assets related to defined benefit pension plans, and certain investments. AT1 capital primarily includes non-viability contingent capital (NVCC) preferred shares, qualifying instruments issued by a consolidated subsidiary to third parties, and non-qualifying innovative Tier 1 notes which are subject to phase-out rules for capital instruments. Tier 1 capital is comprised of CET1 plus AT1. Tier 2 capital includes NVCC subordinated indebtedness, non-qualifying subordinated indebtedness subject to phase-out rules for capital instruments, eligible collective allowance under the standardized approach, and qualifying instruments issued by a consolidated subsidiary to third parties. Total capital is comprised of Tier 1 capital plus Tier 2 capital. Under Basel III, qualifying regulatory capital instruments must be capable of absorbing loss at the point of non-viability of the financial institution; non-qualifying capital instruments are excluded from regulatory capital at a rate of 10% per annum commencing January 1, 2013 through to January 1, 2022.

Retail portfolios

A category of exposures that primarily includes consumer, but also small business lending, where the primary basis of adjudication relies on credit scoring models.

Resecuritization

A securitization exposure in which the risk associated with an underlying pool of exposures is tranching and at least one of the underlying exposures is a securitization exposure.

Risk-weighted assets (RWA)

RWAs consist of three components: (i) RWAs for credit risk are calculated using the AIRB and standardized approaches. The AIRB RWAs are calculated using PDs, LGDs, EADs, and in some cases maturity adjustment, while the standardized approach applies risk weighting factors specified in the OSFI guidelines to on- and off-balance sheet exposures; (ii) RWAs for market risk in the trading portfolio are based on the internal models approved by OSFI with the exception of the RWAs for traded securitization assets where we are using the methodology defined by OSFI; and (iii) RWAs for operational risk relating to the risk of losses resulting from people, inadequate or failed internal processes, and systems or from external events are calculated under the AMA and standardized approaches. During the period beginning in the third quarter 2014 to the fourth quarter of 2018, CET1 capital RWA, Tier 1 capital RWA, and total capital RWA, will differ due to the phase in of the CVA capital charge. Since the introduction of Basel II in 2008, OSFI has prescribed a capital floor requirement for institutions that use the AIRB approach for credit risk. The capital floor is determined by comparing a capital requirement calculated by reference to Basel I against the Basel III calculation, as specified by OSFI. Any shortfall in the Basel III capital requirement compared with the Basel I floor is added to RWAs.

Securitization

The process of selling assets (normally financial assets such as loans, leases, trade receivables, credit card receivables or mortgages) to trusts or other structured entities (SEs). A SE normally issues securities or other forms of interests to investors and/or the asset transferor, and the SE uses the proceeds of the issue of securities to purchase the transferred assets. The SE will generally use the cash flows generated by the assets to meet the obligations under the securities or other interests issued by the SE, which may carry a number of different risk profiles.

Sovereign exposures

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

Standardized approach for credit risk

Applied to exposures when there is not sufficient information to allow for the use of the AIRB approach for credit risk. Credit risk capital requirements are calculated based on a standardized set of risk weights as prescribed in the Basel Accord. The standardized risk weights are based on external credit assessments, where available, and other risk related factors, including export credit agencies, exposure asset class, collateral, etc.

Standardized approach for operational risk

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