



## SUPPLEMENTARY REGULATORY CAPITAL DISCLOSURE

**THIRD QUARTER 2015**

(unaudited)

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## Notes to users

- 1) This Supplementary Regulatory Capital Disclosure document is unaudited and should be read in conjunction with the 2014 Annual Report. All amounts are in millions of Canadian dollars unless otherwise stated.
- 2) Financial information is available through the Report to Shareholders for all quarters of 2015 and also in the document entitled *Supplementary Financial Information* which is available on the Bank's website at [nbc.ca](http://nbc.ca).



# Table of Contents

## **Pilar III and Regulatory Capital Disclosure**

Regulatory Capital and Capital Ratios under Basel III	pages 4-5
Leverage Ratio under Basel III	page 6
Reconciliation Between Financial Accounting and Regulatory Capital Balance Sheets	page 7
Capital Adequacy Under Basel III	page 8
Risk-Weighted Assets Movement by Key Drivers	page 9
Reconciliation of Balance Sheet with Credit Risk Exposures	page 10
Standardized Credit Risk Exposure Under the Basel Asset Categories and by Risk Weight	page 11
Maximum Credit Risk Exposure Under the Basel Asset Categories	pages 12
Credit Quality of AIRB Exposure - Retail Portfolios	pages 13-14
AIRB Credit Risk Exposures: Non-retail Portfolios	pages 15-16
AIRB Credit Risk Exposure - Back-Testing	page 17
Distribution of Gross Credit Exposure (Non-Retail Portfolio by Industries)	page 18
Gross Credit Risk Exposure at Default in Europe	page 19
Formation of Gross Impaired Loans and Allowance for Credit Losses	page 20
Gross Credit Exposure by Residual Contractual Maturity	page 21
Credit Risk Mitigation - Guarantees and Credit Derivatives	page 22
Banking Book Equity	page 23
Credit Derivative Positions (notional amounts)	page 24
Derivatives Financial Instruments According to Basel Definition	page 25
Aggregate Amount of Securitization Exposures	page 26
Capital Requirements for Securitization Exposures Under Securitization Framework	page 27
Asset Securitization - Managed Loans	page 28
Glossary	page 29

## Regulatory Capital and Capital Ratios under Basel III<sup>(1)</sup>

		Reference <sup>(2)</sup>	2015			2014			
			Q3	Q2	Q1	Q4	Q3	Q2	Q1
(unaudited) (millions of Canadian dollars)			All-in basis						
<b>Common Equity Tier 1 capital: instruments and reserves</b>									
1	Directly issued qualifying common share capital plus related contributed surplus <sup>(3)</sup>	a + a'	2 375	2 382	2 365	2 345	2 312	2 274	2 246
2	Retained earnings	b	6 500	6 231	5 957	5 850	5 660	5 471	5 277
3	Accumulated other comprehensive income and other reserves	c	234	304	362	289	300	260	218
6	<b>Common Equity Tier 1 capital before regulatory adjustments</b>		<b>9 109</b>	<b>8 917</b>	<b>8 684</b>	<b>8 484</b>	<b>8 272</b>	<b>8 005</b>	<b>7 741</b>
<b>Regulatory adjustments to Common Equity Tier 1 capital</b>									
7	Prudential valuation adjustments		-	-	-	-	-	-	-
8	Goodwill (net of related tax liability)	e	1 519	1 439	1 495	1 397	1 271	1 272	1 272
9	Intangible assets other than mortgage-servicing rights	f - x	905	895	891	877	916	906	889
11	Accumulated other comprehensive income related to cash flow hedges	h	94	149	116	123	88	46	36
12	Shortfall of total provisions to expected losses	i	-	3	-	-	-	-	-
14	Gains (losses) due to changes in own credit risk on fair valued liabilities	j	-	(1)	20	9	18	12	24
15	Defined benefit pension plan assets (net of related tax liability)	k - y	98	78	3	93	61	110	60
16	Investments in own shares (if not already netted off contributed surplus on reported balance sheet)		5	10	-	-	-	6	5
22	Amount exceeding the 15% threshold		-	-	-	-	42	67	93
23	of which: significant investments in the common stock of financials	n	-	-	-	-	23	37	52
25	of which: deferred tax assets arising from temporary differences	o	-	-	-	-	19	30	41
26	Other deductions or regulatory adjustments to CET1 as determined by OSFI (including regulatory adjustments in respect of own use property)		-	-	-	-	-	26	26
28	<b>Total regulatory adjustments to Common equity Tier 1</b>		<b>2 621</b>	<b>2 573</b>	<b>2 525</b>	<b>2 499</b>	<b>2 396</b>	<b>2 445</b>	<b>2 405</b>
29	<b>Common Equity Tier 1 capital (CET1)</b>		<b>6 488</b>	<b>6 344</b>	<b>6 159</b>	<b>5 985</b>	<b>5 876</b>	<b>5 560</b>	<b>5 336</b>
<b>Additional Tier 1 capital: instruments</b>									
30	Directly issued qualifying Additional Tier 1 instruments plus related contributed surplus <sup>(3)</sup>	v	650	650	650	650	350	350	-
31	of which: classified as equity under applicable accounting standards	v + z	650	650	650	650	350	350	-
32	of which: classified as liabilities under applicable accounting standards	p	-	-	-	-	-	-	-
33	Directly issued capital instruments subject to phase out from Additional Tier 1 <sup>(3)(4)</sup>	p' + v'	1 348	1 348	1 348	1 348	1 548	1 548	1 549
36	<b>Additional Tier 1 capital before regulatory adjustments</b>		<b>1 998</b>	<b>1 998</b>	<b>1 998</b>	<b>1 998</b>	<b>1 898</b>	<b>1 898</b>	<b>1 549</b>
<b>Additional Tier 1 capital: regulatory adjustments</b>									
41	Other deductions from Tier 1 capital as determined by OSFI		-	3	-	-	-	-	-
41a	of which: Reverse mortgages		-	3	-	-	-	-	-
43	<b>Total regulatory adjustments to Additional Tier 1 capital</b>		<b>-</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
44	<b>Additional Tier 1 capital (AT1)</b>		<b>1 998</b>	<b>1 995</b>	<b>1 998</b>	<b>1 998</b>	<b>1 898</b>	<b>1 898</b>	<b>1 549</b>
45	<b>Tier 1 capital (T1 = CET1 + AT1)</b>		<b>8 486</b>	<b>8 339</b>	<b>8 157</b>	<b>7 983</b>	<b>7 774</b>	<b>7 458</b>	<b>6 885</b>
<b>Tier 2 capital: instruments and provisions</b>									
47	Directly issued capital instruments subject to phase out from Tier 2 <sup>(3)</sup>	r'	1 508	1 508	1 520	1 858	1 858	1 865	1 868
50	Collective allowances	t	33	27	44	27	18	43	36
51	<b>Tier 2 capital before regulatory adjustments</b>		<b>1 541</b>	<b>1 535</b>	<b>1 564</b>	<b>1 885</b>	<b>1 876</b>	<b>1 908</b>	<b>1 904</b>
<b>Tier 2 capital: regulatory adjustments</b>									
57	<b>Total regulatory adjustments to Tier 2 capital</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
58	<b>Tier 2 capital (T2)</b>		<b>1 541</b>	<b>1 535</b>	<b>1 564</b>	<b>1 885</b>	<b>1 876</b>	<b>1 908</b>	<b>1 904</b>
59	<b>Total capital (TC = T1 + T2)</b>		<b>10 027</b>	<b>9 874</b>	<b>9 721</b>	<b>9 868</b>	<b>9 650</b>	<b>9 366</b>	<b>8 789</b>

(1) As requested by the Office of the Superintendent of Financial Institutions (Canada) (OSFI), all the Domestic Systemically Important Banks (D-SIBs) in Canada must fully apply the Basel III deductions and must disclose the all-in-ratios.

(2) Reconciliation with Balance Sheet is presented on page 7.

(3) A complete list of capital instruments and their main features is now available on the Bank's website at [nbc.ca](http://nbc.ca) under *Investor Relations > Capital & Debt Information > Main Features of Regulatory Capital Instruments*.

(4) Figures as at October 31, 2014, include the redemption of Series 16 preferred shares on November 15, 2014.



## Regulatory Capital and Capital Ratios under Basel III<sup>(1)</sup> (continued)

		2015			2014			
		Q3	Q2	Q1	Q4	Q3	Q2	Q1
(unaudited) (millions of Canadian dollars)		<b>All-in basis</b>						
60a	Common Equity Tier 1 Capital RWA (CET1)	68 617	67 071	66 264	64 818	64 703	64 235	64 627
60b	Tier 1 Capital RWA	68 883	67 333	66 534	65 074	64 972		
60c	Total capital RWA	69 111	67 557	66 766	65 459	65 375		
<b>Capital ratios</b>								
61	Common Equity Tier 1 (as a percentage of risk weighted assets)	9.5%	9.5%	9.3%	9.2%	9.1%	8.7%	8.3%
62	Tier 1 (as a percentage of risk weighted assets) <sup>(2)(3)</sup>	12.3%	12.4%	12.3%	12.3%	12.0%	11.6%	10.7%
63	Total capital (as a percentage of risk weighted assets) <sup>(2)(3)</sup>	14.5%	14.6%	14.6%	15.1%	14.8%	14.6%	13.6%
64	Buffer requirement (minimum CET1 requirement plus capital conservation buffer plus G-SIB buffer requirement plus D-SIBs buffer requirement expressed as a percentage of risk weighted assets)	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
65	of which: capital conservation buffer requirement	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
67a	of which: D-SIBs buffer requirement	na	na	na	na	na	na	na
68	Common Equity Tier 1 available to meet buffers (as a percentage of risk weighted assets)	9.5%	9.5%	9.3%	9.2%	9.1%	8.7%	8.3%
<b>OSFI all-in target</b>								
69	Common Equity Tier 1 all-in target ratio	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
70	Tier 1 capital all-in target ratio <sup>(2)</sup>	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%
71	Total capital all-in target ratio <sup>(2)</sup>	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%
<b>Amounts below the thresholds for deduction (before risk weighting)</b>								
72	Non-significant investments in the capital of other financial institutions	193	200	245	224	220	233	195
73	Significant investments in the common stock of financial institutions	410	297	345	390	510	497	504
75	Deferred tax assets arising from temporary differences (net of related tax liabilities)	427	428	424	418	413	405	390
<b>Applicable caps on the inclusion of allowance in Tier 2</b>								
76	Allowance eligible for inclusion in Tier 2 in respect of exposures subject to standardised approach (prior to application of cap)	31	27	25	7	11	33	35
77	Cap on inclusion of allowance in Tier 2 under standardised approach	60	53	47	53	60	55	59
78	Allowance eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)	2	-	19	20	7	10	1
79	Cap on inclusion of allowance in Tier 2 under internal ratings-based approach	318	316	313	300	295	284	284
<b>Capital instruments subject to phase-out arrangements (only applicable between Jan 1, 2018 and Jan 1, 2022)</b>								
82	Current cap on AT1 instruments subject to phase out arrangements	1 356	1 356	1 356	1 549	1 549	1 549	1 549
83	Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	-	-	-	-	-	-	102
84	Current cap on T2 instruments subject to phase out arrangements	1 667	1 667	1 667	1 905	1 905	1 905	1 905
85	Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	-	-	-	-	-	-	-
<b>Transitional Capital Disclosure Template</b>		Transitional basis						
29	Common Equity Tier 1 capital (CET1)	8 005	7 808	7 609	7 886	7 724	7 462	7 214
45	Tier 1 capital (T1 = CET1 + AT1)	9 091	8 930	8 705	8 763	8 596	8 321	7 727
59	Total capital (TC = T1 + T2)	10 632	10 465	10 274	10 648	10 465	10 217	9 613
60	Total risk weighted assets	71 122	69 008	72 038	66 972	66 958	65 101	65 453
61	Common Equity Tier 1 (as a percentage of risk weighted assets)	11.3%	11.3%	10.6%	11.8%	11.5%	11.5%	11.0%
62	Tier 1 (as a percentage of risk weighted assets) <sup>(3)</sup>	12.8%	12.9%	12.1%	13.1%	12.8%	12.8%	11.8%
63	Total capital (as a percentage of risk weighted assets) <sup>(3)</sup>	15.0%	15.2%	14.3%	15.9%	15.6%	15.7%	14.7%

(1) As requested by the Office of the Superintendent of Financial Institutions (Canada) (OSFI), all the Domestic Systemically Important Banks (D-SIBs) in Canada must fully apply the Basel III deductions and must disclose the all-in-ratios.

(2) Prior to Q3 2014, Tier 1 and Total capital ratios had been calculated using the Common Equity Tier 1 Capital RWA (row 60a). Now, these ratios are calculated using the values in rows 60b and 60c, respectively.

(3) Ratios as at October 31, 2014, include the redemption of Series 16 preferred shares on November 15, 2014.



## Leverage Ratio under Basel III

(unaudited) (millions of Canadian dollars)		2015		
		Q3	Q2	Q1
<b>Accounting assets vs. leverage ratio exposure – Transitional basis</b>				
1	Total consolidated assets as per published financial statements	215 560	207 123	214 474
2	Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	70	87	77
3	Adjustment for fiduciary assets recognised on the balance sheet pursuant to the operative accounting framework but excluded from the leverage ratio exposure measure	–	–	–
4	Adjustment for derivative financial instruments <sup>(1)</sup>	3 516	4 178	318
5	Adjustment for securities financing transactions <sup>(1)</sup>	1 415	(1 966)	(3 381)
6	Adjustment for off balance-sheet items	18 745	18 472	17 761
7	Other adjustments	(5 300)	(4 493)	(4 602)
8	<b>Leverage Ratio Exposure (transitional basis)</b>	<b>234 006</b>	<b>223 401</b>	<b>224 647</b>
<b>Leverage ratio common disclosure</b>				
<b>On-balance sheet exposures</b>				
1	On-balance sheet items (excluding derivatives, SFTs and grandfathered securitization exposures but including collateral)	180 550	176 215	176 139
2	(Asset amounts deducted in determining Basel III transitional Tier 1 capital)	(2 015)	(1 986)	(1 969)
3	<b>Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 and 2)</b>	<b>178 535</b>	<b>174 229</b>	<b>174 170</b>
<b>Derivative exposures</b>				
4	Replacement cost associated with all derivative transactions (i.e., net of eligible cash variation margin)	7 370	6 152	7 764
5	Add-on amounts for PFE associated with all derivative transactions	8 217	8 363	7 274
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)	–	–	–
8	(Exempted CCP-leg of client cleared trade exposures)	–	–	–
9	Adjusted effective notional amount of written credit derivatives	311	281	180
10	(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	–	–	–
11	<b>Total derivative exposures (sum of lines 4 to 10)</b>	<b>15 898</b>	<b>14 796</b>	<b>15 218</b>
<b>Securities financing transaction exposures</b>				
12	Gross SFT assets recognised for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions	19 413	23 887	25 597
13	(Netted amounts of cash payables and cash receivables of gross SFT assets)	(729)	(9 547)	(9 570)
14	Counterparty credit risk (CCR) exposure for SFTs	2 144	1 880	1 889
15	Agent transaction exposures	–	–	–
16	<b>Total securities financing transaction exposures (sum of lines 12 to 15)</b>	<b>20 828</b>	<b>16 220</b>	<b>17 916</b>
<b>Other off-balance sheet exposures</b>				
17	Off-balance sheet exposure at gross notional amount	53 848	52 892	52 948
18	(Adjustments for conversion to credit equivalent amounts)	(35 103)	(34 420)	(35 187)
19	<b>Off-balance sheet items (sum of lines 17 and 18)</b>	<b>18 745</b>	<b>18 472</b>	<b>17 761</b>
<b>Capital and Total Exposures - Transitional Basis</b>				
20	Tier 1 capital	9 091	8 930	8 705
21	<b>Total Exposures (sum of lines 3, 11, 16 and 19)</b>	<b>234 006</b>	<b>223 717</b>	<b>225 065</b>
<b>Leverage Ratio – Transitional Basis</b>				
22	<b>Basel III leverage ratio</b>	<b>3.9%</b>	<b>4.0%</b>	<b>3.9%</b>
<b>All-in basis (Required by OSFI)</b>				
23	Tier 1 capital – All-in basis	8 486	8 339	8 157
24	(Regulatory adjustments)	(2 620)	(2 577)	(2 506)
25	<b>Total Exposures</b>	<b>233 401</b>	<b>223 126</b>	<b>224 528</b>
26	<b>Leverage ratio – All-in basis<sup>(2)</sup></b>	<b>3.6%</b>	<b>3.7%</b>	<b>3.6%</b>

(1) Adjustments due to differences between accounting and regulatory netting standards.

(2) The ratio came into effect on January 1, 2015.



## Reconciliation between Financial Accounting and Regulatory Capital Balance Sheets<sup>(1)</sup>

Q3 2015					
(unaudited) (millions of Canadian dollars)	Cross - Reference to Definition of Capital <sup>(2)</sup>	As in Report to Shareholders	Deconsolidation of Insurance <sup>(3)</sup> and other entities <sup>(4)</sup>	Under regulatory scope of consolidation	Of which
<b>Assets</b>					
Cash and deposits with financial institutions		6 556	-	6 556	
Securities		55 834	2 178	58 012	
Assets purchased under reverse repurchase agreements and securities borrowed		19 413	-	19 413	
<b>Loans</b>					
Residential mortgage		42 200	(16 615)	25 585	
Personal and credit card		31 377	(1 355)	30 022	
Business and government		30 507	-	30 507	
Customers' liability under acceptances		9 267	-	9 267	
Less: Allowances for credit losses		(561)	-	(561)	
Collective allowances reflected in Tier 2 regulatory capital	t				(32)
Shortfall of allowances to expected loss	i				-
Allowances not reflected in regulatory capital					(529)
<b>Other assets</b>					
Derivative financial instruments		12 382	-	12 382	
Other		8 585	(46)	8 539	
Goodwill	e				1 519
Intangibles assets	f				1 043
<b>Deferred tax assets</b>					428
Deferred tax assets excluding those arising from temporary differences	g				-
Deferred tax assets arising from temporary differences exceeding regulatory thresholds	o				-
Deferred tax assets - realize through loss carrybacks					2
Deferred tax assets - other temporary differences					426
Defined-benefit pension fund net assets	k				134
<b>Significant investments in other financial institutions</b>					410
Significant investments exceeding regulatory thresholds	m + n				-
Significant investments not exceeding regulatory thresholds					410
Other					5 005
<b>Total assets</b>		<b>215 560</b>	<b>(15 838)</b>	<b>199 722</b>	
<b>Liabilities</b>					
Deposits		127 606	(225)	127 381	
Derivatives financial instruments		9 521	-	9 521	
Other liabilities		65 987	(15 838)	50 149	
Gains and losses due to changes in own credit risk on fair value liabilities	j				1
<b>Deferred tax liabilities</b>					164
Related to goodwill	w				-
Related to intangibles	x				138
Related to pensions	y				36
Other deferred tax liabilities					(10)
Other					49 984
Subordinated debt		1 530	-	1 530	
Regulatory capital amortization of maturing debentures					-
Fair value adjustment and unamortized issuance cost					21
<b>Subordinated debentures used for regulatory capital</b>					1 509
Allowed for inclusion in Tier 2 capital	r				-
Subject to phase out	r'				1 509
Excluded from Tier 2 capital due to cap					-
<b>Total liabilities</b>		<b>204 644</b>	<b>(16 063)</b>	<b>188 581</b>	
<b>Equity Attributable to Shareholders</b>		<b>10 132</b>	<b>-</b>	<b>10 132</b>	
Common shares	a				2 313
Contributed surplus	a'				62
Retained Earnings	b				6 500
<b>Accumulated Other Comprehensive Income (loss)</b>	c				234
Net gains (losses) on instruments designated as cash flow hedges	h				94
Other					140
<b>Preferred shares</b>					1 023
Allowed for inclusion in additional Tier 1 capital	v				650
Subject to phase out	v'				373
Ineligible additional Tier 1 capital					-
Excluded from additional Tier 1 capital due to cap					-
Non-controlling interests		784	225	1 009	
<b>Innovative instruments</b>					1 010
Allowed for inclusion in additional Tier 1 capital					-
Subject to phase out	p'				975
Excluded from additional Tier 1 capital due to cap					-
Other					35
Portion allowed for inclusion into CET1	d				-
Portion allowed for inclusion into Tier 1 capital	q				-
Portion allowed for inclusion into Tier 2 capital	s				-
Portion not allowed for regulatory capital					-
<b>Total Equity</b>		<b>10 916</b>	<b>225</b>	<b>11 141</b>	
<b>Total Liabilities and Equity</b>		<b>215 560</b>	<b>(15 838)</b>	<b>199 722</b>	

(1) The basis of consolidation used for financial accounting purposes, described in note 1 to the 2014 Annual Report audited consolidated financial statements, may differ from regulatory purposes.

The regulatory consolidation does not include structured entities, where significant risk has been transferred to third parties nor subsidiaries and associates engaged in insurance activities.

(2) The references identify balance sheet components which are used in calculation of regulatory capital on page 4.

(3) Total assets related to Insurance activities and National Bank Life Insurance Company, and other are \$153 millions and \$11 millions respectively.

(4) The amount is mainly due to securitization entities. For more information on structured entities, please see pages 186 to 189 of the 2014 Annual Report.



## Capital Adequacy under Basel III<sup>(1)</sup>

2015							2014					
Q3							Q2	Q1	Q4	Q3	Q2	Q1
Exposure at default	Risk-weighted assets				Capital requirement <sup>(2)</sup>	Risk-weighted assets						
	Standardized	AIRB Approach	Other	Total		Q4	Q3	Q2	Q1			
(unaudited) (millions of Canadian dollars)												
<b>Credit risk</b>												
Retail												
Residential mortgages	44 421	315	4 508	-	4 823	386	4 920	4 692	4 619	4 483	4 521	4 554
Qualifying revolving retail	5 016	-	973	-	973	78	1 017	1 003	1 022	1 012	1 408	1 374
Other retail	14 835	1 846	4 661	-	6 507	521	5 589	5 049	5 042	4 951	5 338	5 157
Non-retail												
Corporate	53 263	1 479	25 007	-	26 486	2 119	25 683	24 155	23 434	23 064	22 378	22 075
Sovereign	23 253	-	578	-	578	46	633	550	529	486	462	439
Financial institutions	2 761	128	707	-	835	67	746	845	1 030	979	984	1 086
Banking book equity <sup>(3)</sup>	578	-	578	-	578	46	633	589	478	469	581	445
Securitization	2 845	-	755	-	755	60	1 582	2 291	2 173	2 200	2 066	2 296
Other assets	27 199	-	-	4 213	4 213	337	4 754	5 202	5 047	5 004	4 869	4 672
<b>Counterparty credit risk</b>												
Corporate	3 554	52	50	-	102	8	69	80	112	361	162	217
Sovereign	10 808	-	16	-	16	1	13	6	9	9	8	12
Financial institutions	61 797	-	1 756	-	1 756	140	1 477	1 423	1 827	1 893	2 132	2 820
Trading portfolio	12 003	336	3 429	-	3 765	301	3 572	3 743	3 275	3 448	3 009	2 941
Credit valuation adjustment charge <sup>(4)</sup>		2 434	-	-	2 434	195	2 395	2 475	1 828	1 914	1 607	1 625
Regulatory scaling factor		-	2 577	-	2 577	206	2 511	2 430	2 357	2 313	2 319	2 317
<b>Total - Credit risk</b>	<b>262 333</b>	<b>6 590</b>	<b>45 595</b>	<b>4 213</b>	<b>56 398</b>	<b>4 511</b>	<b>55 594</b>	<b>54 533</b>	<b>52 782</b>	<b>52 586</b>	<b>51 844</b>	<b>52 030</b>
<b>Market risk</b>												
VaR		-	976	-	976	78	731	693	860	780	818	903
Stressed VaR		-	1 225	-	1 225	98	953	1 086	1 218	1 351	1 783	1 831
Interest-rate specific risk		920	-	-	920	74	864	1 099	1 239	1 310	1 287	1 376
<b>Total - Market risk</b>		<b>920</b>	<b>2 201</b>	<b>-</b>	<b>3 121</b>	<b>250</b>	<b>2 548</b>	<b>2 878</b>	<b>3 317</b>	<b>3 441</b>	<b>3 888</b>	<b>4 110</b>
<b>Operational risk</b>		<b>9 098</b>	<b>-</b>	<b>-</b>	<b>9 098</b>	<b>728</b>	<b>8 929</b>	<b>8 853</b>	<b>8 719</b>	<b>8 676</b>	<b>8 503</b>	<b>8 487</b>
<b>Total</b>	<b>262 333</b>	<b>16 608</b>	<b>47 796</b>	<b>4 213</b>	<b>68 617</b>	<b>5 489</b>	<b>67 071</b>	<b>66 264</b>	<b>64 818</b>	<b>64 703</b>	<b>64 235</b>	<b>64 627</b>
<b>Capital ratio under Basel III</b>												
Common Equity Tier 1 (CET1)					9.5%		9.5%	9.3%	9.2%	9.1%	8.7%	8.3%
Tier 1 <sup>(5)</sup>					12.3%		12.4%	12.3%	12.3%	12.0%	11.6%	10.7%
Total <sup>(5)</sup>					14.5%		14.6%	14.6%	15.1%	14.8%	14.6%	13.6%
<b>Leverage ratio under Basel III<sup>(6)</sup></b>					3.6%		3.7%	3.6%				

(1) Figures are presented in an "all-in" basis.

(2) The capital requirement is equal to 8% of risk-weighted assets.

(3) Calculated using the simple risk-weight method.

(4) Calculated based on CET1 risk-weighted assets.

(5) Ratios as at October 31, 2014, include the redemption of Series 16 preferred shares on November 15, 2014.

(6) The ratio came into effect on January 1, 2015.





## Risk-Weighted Assets Movement by Key Drivers<sup>(1)</sup>

	2015					2014			
	Q3			Q2	Q1	Q4	Q3	Q2	Q1
	Non-counterparty credit risk	Counterparty credit risk <sup>(2)</sup>	Total	Total	Total	Total	Total	Total	Total
(unaudited) (millions of Canadian dollars)									
<b>Credit risk – Risk-weighted assets at beginning</b>	48 068	7 526	55 594	54 533	52 782	52 586	51 844	52 030	49 451
Book size	5	141	146	844	757	975	1 082	(141)	1 209
Book quality	(106)	186	80	563	500	(529)	297	(120)	(697)
Model updates	(168)	–	(168)	–	(229)	(433)	(672)	–	–
Methodology and policy	–	–	–	–	–	–	–	–	1 625
Acquisitions and disposals	–	–	–	–	–	–	–	–	–
Foreign exchange movements	526	220	746	(346)	723	183	35	75	442
<b>Credit risk – Risk-weighted assets at end</b>	<b>48 325</b>	<b>8 073</b>	<b>56 398</b>	<b>55 594</b>	<b>54 533</b>	<b>52 782</b>	<b>52 586</b>	<b>51 844</b>	<b>52 030</b>
<b>Market risk – Risk-weighted assets at beginning</b>			2 548	2 878	3 317	3 441	3 888	4 110	3 382
Movement in risk levels <sup>(3)</sup>			23	(330)	(439)	(124)	(447)	(222)	728
Model updates			550	–	–	–	–	–	–
Methodology and policy			–	–	–	–	–	–	–
Acquisitions and disposals			–	–	–	–	–	–	–
<b>Market risk – Risk-weighted assets at end</b>			<b>3 121</b>	<b>2 548</b>	<b>2 878</b>	<b>3 317</b>	<b>3 441</b>	<b>3 888</b>	<b>4 110</b>
<b>Operational risk – Risk-weighted assets at beginning</b>			8 929	8 853	8 719	8 676	8 503	8 487	8 418
Movement in risk levels			169	76	134	43	173	16	69
Acquisitions and disposals			–	–	–	–	–	–	–
<b>Operational risk – Risk-weighted assets at end</b>			<b>9 098</b>	<b>8 929</b>	<b>8 853</b>	<b>8 719</b>	<b>8 676</b>	<b>8 503</b>	<b>8 487</b>
<b>Risk-weighted assets at end</b>			<b>68 617</b>	<b>67 071</b>	<b>66 264</b>	<b>64 818</b>	<b>64 703</b>	<b>64 235</b>	<b>64 627</b>

(1) Figures are presented in an "all-in" basis.

(2) Calculated based on CET1 risk-weighted assets.

(3) Also includes foreign exchange movement that is not considered material.



## Reconciliation of Balance Sheet with Credit Risk Exposures

Q3 2015								
(unaudited) (millions of Canadian dollars)	Exposures subject to credit risk capital					Other exposures		Balance sheet
	Drawn		Other exposures			Subject to market risk capital	All other <sup>(1)</sup>	
	Non-retail	Retail	Securitization	Repo-style transactions	Derivatives financial instruments			
<b>Assets</b>								
Cash and deposits with financial institutions <sup>(2)</sup>	5 900	-	-	-	-	-	656	6 556
Securities								
At fair value through profit or loss	2 297	-	631	-	-	39 740	-	42 668
Available-for-sale	13 041	-	7	-	-	-	118	13 166
	15 338	-	638	-	-	39 740	118	55 834
Securities purchased under reverse repurchase agreements and securities borrowed	-	-	-	19 413	-	-	-	19 413
Loans								
Residential mortgage <sup>(3)</sup>	21 293	20 907	-	-	-	-	-	42 200
Personal and credit card	-	30 022	1 355	-	-	-	-	31 377
Business and government	28 730	1 777	-	-	-	-	-	30 507
	50 023	52 706	1 355	-	-	-	-	104 084
Customers' liability under acceptances	9 267	-	-	-	-	-	-	9 267
Allowance for credit losses	(141)	(28)	-	-	-	-	(392)	(561)
	59 149	52 678	1 355	-	-	-	(392)	112 790
Other								
Derivative financial instruments <sup>(2)</sup>	-	-	-	-	12 382	-	-	12 382
Due from clients, dealers and brokers	-	-	-	-	-	-	531	531
Purchase receivables	-	627	-	-	-	-	742	1 369
Investments in associates and joint ventures	-	-	-	-	-	-	820	820
Premises and equipment	-	1 465	-	-	-	-	396	1 861
Goodwill	-	-	-	-	-	-	1 277	1 277
Intangible assets	-	-	-	-	-	-	1 043	1 043
Other assets	-	-	-	-	-	-	1 684	1 684
	-	2 092	-	-	12 382	-	6 493	20 967
	<b>80 387</b>	<b>54 770</b>	<b>1 993</b>	<b>19 413</b>	<b>12 382</b>	<b>39 740</b>	<b>6 875</b>	<b>215 560</b>

(1) Includes deconsolidated assets related to insurance activities and all other assets that are neither subject to credit nor market risks.

(2) These exposures may also be subject to market risk.

(3) As per Basel definition, NHA MBS pooled and 5 units or more mortgages are included in the non-retail category.



Standardized Credit Risk Exposure Under the Basel Asset Categories and by Risk Weight<sup>(1)</sup>

2015								
(unaudited) (millions of Canadian dollars)								
Q3								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
<b>Retail</b>								
Residential mortgage	-	-	1 209	10	247	67	-	1 533
Other retail	-	-	-	-	5 083	-	-	5 083
	-	-	1 209	10	5 330	67	-	6 616
<b>Non-Retail</b>								
Corporate	-	-	-	-	-	3 904	2	3 906
Sovereign	223	-	-	-	-	-	-	223
Financial Institutions	-	553	-	-	-	17	-	570
	223	553	-	-	-	3 921	2	4 699
<b>Trading</b>	-	-	-	-	-	621	-	621
<b>Total</b>	223	553	1 209	10	5 330	4 609	2	11 936

  

2015								
(unaudited) (millions of Canadian dollars)								
Q2								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
<b>Retail</b>								
Residential mortgage	-	-	674	17	181	50	-	922
Other retail	-	-	-	-	3 489	-	-	3 489
	-	-	674	17	3 670	50	-	4 411
<b>Non-Retail</b>								
Corporate	-	-	-	-	-	4 446	1	4 447
Sovereign	229	-	-	-	-	-	-	229
Financial Institutions	-	441	-	-	-	16	-	457
	229	441	-	-	-	4 462	1	5 133
<b>Trading</b>	-	-	-	-	-	374	-	374
<b>Total</b>	229	441	674	17	3 670	4 886	1	9 918

  

2015								
(unaudited) (millions of Canadian dollars)								
Q1								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
<b>Retail</b>								
Residential mortgage	-	-	550	-	20	-	-	570
Other retail	-	-	-	-	2 853	-	-	2 853
	-	-	550	-	2 873	-	-	3 423
<b>Non-Retail</b>								
Corporate	-	-	-	-	-	6 465	1	6 466
Sovereign	162	-	-	-	-	-	-	162
Financial Institutions	-	477	-	-	-	-	-	477
	162	477	-	-	-	6 465	1	7 105
<b>Trading</b>	-	-	-	-	-	1 097	-	1 097
<b>Total</b>	162	477	550	-	2 873	7 562	1	11 625

  

2014								
(unaudited) (millions of Canadian dollars)								
Q4								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
<b>Retail</b>								
Residential mortgage	-	-	495	-	21	-	-	516
Other retail	-	-	-	-	2 812	-	-	2 812
	-	-	495	-	2 833	-	-	3 328
<b>Non-Retail</b>								
Corporate	-	-	-	-	-	5 379	20	5 399
Sovereign	214	-	-	-	-	-	-	214
Financial Institutions	-	455	-	-	-	187	-	642
	214	455	-	-	-	5 566	20	6 255
<b>Trading</b>	-	-	-	-	-	505	-	505
<b>Total</b>	214	455	495	-	2 833	6 071	20	10 088

  

2014								
(unaudited) (millions of Canadian dollars)								
Q3								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
<b>Retail</b>								
Residential mortgage	-	-	455	-	22	-	-	477
Other retail	-	-	-	-	2 738	-	-	2 738
	-	-	455	-	2 760	-	-	3 215
<b>Non-Retail</b>								
Corporate	-	-	-	-	-	7 900	25	7 925
Sovereign	150	-	-	-	-	-	-	150
Financial Institutions	-	458	-	-	-	-	-	458
	150	458	-	-	-	7 900	25	8 533
<b>Trading</b>	-	-	-	-	-	569	-	569
<b>Total</b>	150	458	455	-	2 760	8 469	25	12 317

  

2014								
(unaudited) (millions of Canadian dollars)								
Q2								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
<b>Retail</b>								
Residential mortgage	-	-	459	-	24	-	-	483
Other retail	-	-	-	-	2 947	-	-	2 947
	-	-	459	-	2 971	-	-	3 430
<b>Non-Retail</b>								
Corporate	-	-	-	-	-	7 042	20	7 062
Sovereign	229	-	-	-	-	-	-	229
Financial Institutions	-	-	-	-	-	118	-	118
	229	-	-	-	-	7 160	20	7 409
<b>Trading</b>	-	-	-	-	-	597	-	597
<b>Total</b>	229	-	459	-	2 971	7 757	20	11 436

(1) Exposure amounts are the expected gross exposure upon the default of an obligor. These amounts are net of specific allowance but do not reflect the impact of credit risk mitigation and collateral held.

**Maximum Credit Risk Exposure Under the Basel Asset Categories<sup>(1)</sup>**

(millions of Canadian dollars)	2015																	
	Q3						Q2						Q1					
	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	off-balance sheet items	Total	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	off-balance sheet items	Total	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	off-balance sheet items	Total
<b>Retail</b>																		
Residential mortgage	38 682	5 739	-	-	-	44 421	36 865	5 615	-	-	-	42 480	36 044	5 499	-	-	-	41 543
Qualifying revolving retail	2 608	2 408	-	-	-	5 016	2 648	2 442	-	-	-	5 090	2 639	2 345	-	-	-	4 984
Other retail	13 508	1 313	-	-	14	14 835	11 826	1 267	-	-	13	13 106	11 085	1 225	-	-	13	12 323
	<b>54 798</b>	<b>9 460</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>64 272</b>	<b>51 339</b>	<b>9 324</b>	<b>-</b>	<b>-</b>	<b>13</b>	<b>60 676</b>	<b>49 768</b>	<b>9 069</b>	<b>-</b>	<b>-</b>	<b>13</b>	<b>58 850</b>
<b>Non-retail</b>																		
Corporate	37 554	13 050	3 552	2	2 659	56 817	36 426	13 179	4 546	4	2 562	56 717	34 919	13 361	5 410	10	2 726	56 426
Sovereign	19 704	3 438	10 504	304	111	34 061	18 341	3 479	8 464	321	96	30 701	19 673	3 229	11 655	187	101	34 845
Financial Institutions	1 888	228	61 376	421	645	64 558	1 861	277	61 896	717	657	65 408	2 186	241	56 181	414	737	59 759
	<b>59 146</b>	<b>16 716</b>	<b>75 432</b>	<b>727</b>	<b>3 415</b>	<b>155 436</b>	<b>56 628</b>	<b>16 935</b>	<b>74 906</b>	<b>1 042</b>	<b>3 315</b>	<b>152 826</b>	<b>56 778</b>	<b>16 831</b>	<b>73 246</b>	<b>611</b>	<b>3 564</b>	<b>151 030</b>
Trading book	-	-	-	12 003	-	12 003	-	-	-	11 394	-	11 394	-	-	-	11 476	-	11 476
Securitization	610	-	-	-	2 235	2 845	1 131	-	-	-	2 956	4 087	1 156	-	-	-	3 011	4 167
<b>Total - Gross Credit Risk</b>	<b>114 554</b>	<b>26 176</b>	<b>75 432</b>	<b>12 730</b>	<b>5 664</b>	<b>234 556</b>	<b>109 098</b>	<b>26 259</b>	<b>74 906</b>	<b>12 436</b>	<b>6 284</b>	<b>228 983</b>	<b>107 702</b>	<b>25 900</b>	<b>73 246</b>	<b>12 087</b>	<b>6 588</b>	<b>225 523</b>
<b>Standardized Approach</b>	<b>9 249</b>	<b>338</b>	<b>1 291</b>	<b>622</b>	<b>436</b>	<b>11 936</b>	<b>6 839</b>	<b>304</b>	<b>1 890</b>	<b>372</b>	<b>513</b>	<b>9 918</b>	<b>5 947</b>	<b>275</b>	<b>3 728</b>	<b>1 106</b>	<b>569</b>	<b>11 625</b>
<b>AIRB Approach<sup>(2)</sup></b>	<b>105 305</b>	<b>25 838</b>	<b>74 141</b>	<b>12 108</b>	<b>5 228</b>	<b>222 620</b>	<b>102 259</b>	<b>25 955</b>	<b>73 016</b>	<b>12 064</b>	<b>5 771</b>	<b>219 065</b>	<b>101 755</b>	<b>25 625</b>	<b>69 518</b>	<b>10 981</b>	<b>6 019</b>	<b>213 898</b>
<b>Total - Gross Credit Risk</b>	<b>114 554</b>	<b>26 176</b>	<b>75 432</b>	<b>12 730</b>	<b>5 664</b>	<b>234 556</b>	<b>109 098</b>	<b>26 259</b>	<b>74 906</b>	<b>12 436</b>	<b>6 284</b>	<b>228 983</b>	<b>107 702</b>	<b>25 900</b>	<b>73 246</b>	<b>12 087</b>	<b>6 588</b>	<b>225 523</b>
<b>Adjustment to exposure for collateral</b>																		
<b>Standardized Approach</b>	<b>-</b>	<b>-</b>	<b>(1 240)</b>	<b>(285)</b>	<b>-</b>	<b>(1 525)</b>	<b>-</b>	<b>-</b>	<b>(1 859)</b>	<b>(165)</b>	<b>-</b>	<b>(2 024)</b>	<b>-</b>	<b>-</b>	<b>(3 680)</b>	<b>(717)</b>	<b>-</b>	<b>(4 397)</b>
<b>AIRB Approach<sup>(2)</sup></b>	<b>-</b>	<b>-</b>	<b>(64 634)</b>	<b>-</b>	<b>-</b>	<b>(64 634)</b>	<b>-</b>	<b>-</b>	<b>(64 520)</b>	<b>-</b>	<b>-</b>	<b>(64 520)</b>	<b>-</b>	<b>-</b>	<b>(61 477)</b>	<b>-</b>	<b>-</b>	<b>(61 477)</b>
<b>Total - Net Credit Risk</b>	<b>114 554</b>	<b>26 176</b>	<b>9 558</b>	<b>12 445</b>	<b>5 664</b>	<b>168 397</b>	<b>109 098</b>	<b>26 259</b>	<b>8 527</b>	<b>12 271</b>	<b>6 284</b>	<b>162 439</b>	<b>107 702</b>	<b>25 900</b>	<b>8 089</b>	<b>11 370</b>	<b>6 588</b>	<b>159 649</b>

  

(millions of Canadian dollars)	2014																	
	Q4						Q3						Q2					
	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	off-balance sheet items	Total	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	off-balance sheet items	Total	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	off-balance sheet items	Total
<b>Retail</b>																		
Residential mortgage	35 511	5 339	-	-	-	40 850	35 069	5 319	-	-	-	40 388	34 014	5 085	-	-	-	39 099
Qualifying revolving retail	2 671	2 356	-	-	-	5 027	2 620	2 372	-	-	-	4 992	2 600	2 010	-	-	-	4 610
Other retail	11 061	1 205	-	-	14	12 280	11 000	1 199	-	-	14	12 213	11 232	1 148	-	-	15	12 395
	<b>49 243</b>	<b>8 900</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>58 157</b>	<b>48 689</b>	<b>8 890</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>57 593</b>	<b>47 846</b>	<b>8 243</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>56 104</b>
<b>Non-retail</b>																		
Corporate	34 070	13 141	5 282	5	2 456	54 954	32 975	12 626	8 128	49	2 348	56 126	33 117	11 624	5 935	15	2 565	53 256
Sovereign	20 429	3 080	12 187	182	100	35 978	18 209	2 855	10 394	166	98	31 722	17 756	3 290	12 783	297	103	34 229
Financial Institutions	2 350	248	53 235	516	624	56 973	2 411	221	50 878	669	640	54 819	2 605	260	46 449	718	385	50 417
	<b>56 849</b>	<b>16 469</b>	<b>70 704</b>	<b>703</b>	<b>3 180</b>	<b>147 905</b>	<b>53 595</b>	<b>15 702</b>	<b>69 400</b>	<b>884</b>	<b>3 086</b>	<b>142 667</b>	<b>53 478</b>	<b>15 174</b>	<b>65 167</b>	<b>1 030</b>	<b>3 053</b>	<b>137 902</b>
Trading book	-	-	-	9 981	-	9 981	-	-	-	9 846	-	9 846	-	-	-	9 664	-	9 664
Securitization	1 190	-	-	-	2 955	4 145	1 223	-	-	-	2 854	4 077	1 241	-	-	-	2 886	4 127
<b>Total - Gross Credit Risk</b>	<b>107 282</b>	<b>25 369</b>	<b>70 704</b>	<b>10 684</b>	<b>6 149</b>	<b>220 188</b>	<b>103 507</b>	<b>24 592</b>	<b>69 400</b>	<b>10 730</b>	<b>5 954</b>	<b>214 183</b>	<b>102 565</b>	<b>23 417</b>	<b>65 167</b>	<b>10 694</b>	<b>5 954</b>	<b>207 797</b>
<b>Standardized Approach</b>	<b>6 228</b>	<b>284</b>	<b>2 468</b>	<b>509</b>	<b>599</b>	<b>10 088</b>	<b>5 628</b>	<b>324</b>	<b>4 741</b>	<b>621</b>	<b>1 003</b>	<b>12 317</b>	<b>5 770</b>	<b>329</b>	<b>3 743</b>	<b>613</b>	<b>981</b>	<b>11 436</b>
<b>AIRB Approach<sup>(2)</sup></b>	<b>101 054</b>	<b>25 085</b>	<b>68 236</b>	<b>10 175</b>	<b>5 550</b>	<b>210 100</b>	<b>97 879</b>	<b>24 268</b>	<b>64 659</b>	<b>10 109</b>	<b>4 951</b>	<b>201 866</b>	<b>96 795</b>	<b>23 088</b>	<b>61 424</b>	<b>10 081</b>	<b>4 973</b>	<b>196 361</b>
<b>Total - Gross Credit Risk</b>	<b>107 282</b>	<b>25 369</b>	<b>70 704</b>	<b>10 684</b>	<b>6 149</b>	<b>220 188</b>	<b>103 507</b>	<b>24 592</b>	<b>69 400</b>	<b>10 730</b>	<b>5 954</b>	<b>214 183</b>	<b>102 565</b>	<b>23 417</b>	<b>65 167</b>	<b>10 694</b>	<b>5 954</b>	<b>207 797</b>
<b>Adjustment to exposure for collateral</b>																		
<b>Standardized Approach</b>	<b>-</b>	<b>-</b>	<b>(2 440)</b>	<b>(301)</b>	<b>-</b>	<b>(2 741)</b>	<b>-</b>	<b>-</b>	<b>(4 483)</b>	<b>(209)</b>	<b>-</b>	<b>(4 692)</b>	<b>-</b>	<b>-</b>	<b>(3 636)</b>	<b>(282)</b>	<b>-</b>	<b>(3 918)</b>
<b>AIRB Approach<sup>(2)</sup></b>	<b>-</b>	<b>-</b>	<b>(60 245)</b>	<b>-</b>	<b>-</b>	<b>(60 245)</b>	<b>-</b>	<b>-</b>	<b>(57 712)</b>	<b>-</b>	<b>-</b>	<b>(57 712)</b>	<b>-</b>	<b>-</b>	<b>(54 645)</b>	<b>-</b>	<b>-</b>	<b>(54 645)</b>
<b>Total - Net Credit Risk</b>	<b>107 282</b>	<b>25 369</b>	<b>8 019</b>	<b>10 383</b>	<b>6 149</b>	<b>157 202</b>	<b>103 507</b>	<b>24 592</b>	<b>7 205</b>	<b>10 521</b>	<b>5 954</b>	<b>151 779</b>	<b>102 565</b>	<b>23 417</b>	<b>6 886</b>	<b>10 412</b>	<b>5 954</b>	<b>149 234</b>

(1) These amounts do not take into account allowances for credit losses nor amounts pledged as collateral. The tables also exclude equity securities.

(2) For drawn, undrawn and Other off-balance sheet exposures, eligible financial collateral is taken into account in the Bank's Loss Given Default (LGD) models.



## Credit Quality of AIRB Exposure - Retail Portfolios<sup>(1)</sup>

			2015								
			Q3								
			EAD	Notional of undrawn commitments	Exposure weighted-average (EAD %)	Exposure weighted-average (PD %)	Exposure weighted-average (LGD %)	Exposure weighted-average risk weight asset (RWA %)	RWA	Expected Losses (EL)	EL adjusted average risk weight % <sup>(2)</sup>
(unaudited) (millions of Canadian dollars)	Risk Grade	PD bands									
<b>Canadian residential mortgage and HELOCs</b>	<b>Insured Drawn and Undrawn<sup>(3)</sup></b>	Exceptionally low	2 106	–	100%	0.07%	17.9%	3.3%	69	0.3	3%
		Very low	2 409	–	100%	0.30%	10.2%	5.2%	124	0.7	6%
		Low	990	–	100%	0.76%	5.2%	5.3%	52	0.4	6%
		Low	567	–	100%	1.70%	3.3%	5.8%	33	0.3	6%
		Medium	747	–	100%	5.25%	2.7%	8.7%	65	1.0	10%
		High	172	–	100%	25.70%	2.6%	14.0%	24	1.1	22%
		Default	68	–	100%	100.00%	2.9%	23.4%	16	1.0	41%
					<b>7 059</b>	<b>–</b>	<b>100%</b>	<b>2.51%</b>	<b>10.2%</b>	<b>5.4%</b>	<b>383</b>
<b>Uninsured Undrawn<sup>(4)</sup></b>	Exceptionally low	0.000% - 0.144%	4 218	9 675	59%	0.05%	22.6%	3.1%	131	0.5	3%
	Very low	0.145% - 0.506%	1 349	3 062	72%	0.25%	23.7%	11.1%	150	0.8	12%
	Low	0.507% - 1.116%	103	129	83%	0.72%	23.9%	23.9%	25	0.2	26%
	Low	1.117% - 2.681%	29	34	84%	1.67%	23.8%	41.3%	12	0.1	46%
	Medium	2.682% - 9.348%	10	12	83%	4.49%	24.2%	73.9%	7	0.1	88%
	High	9.349% - 99.99%	1	1	97%	17.33%	24.9%	130.6%	1	–	185%
	Default	100.00%	1	2	61%	100.00%	23.1%	288.7%	2	–	289%
				<b>5 711</b>	<b>12 915</b>	<b>62%</b>	<b>0.14%</b>	<b>22.9%</b>	<b>5.7%</b>	<b>328</b>	<b>1.7</b>
<b>Uninsured Drawn<sup>(5)</sup></b>	Exceptionally low	0.000% - 0.144%	14 957			0.07%	23.2%	4.2%	627	2.5	4%
	Very low	0.145% - 0.506%	11 190			0.27%	25.4%	12.5%	1 394	7.6	13%
	Low	0.507% - 1.116%	2 570			0.72%	25.4%	25.3%	649	4.7	28%
	Low	1.117% - 2.681%	730			1.70%	25.2%	44.2%	323	3.1	50%
	Medium	2.682% - 9.348%	410			4.77%	26.3%	83.2%	341	5.2	99%
	High	9.349% - 99.99%	194			27.48%	28.5%	152.1%	296	15.7	253%
	Default	100.00%	68			100.00%	27.9%	247.4%	167	9.5	423%
				<b>30 119</b>			<b>0.70%</b>	<b>24.3%</b>	<b>12.6%</b>	<b>3 797</b>	<b>48.3</b>
<b>Qualifying revolving credit</b>	Exceptionally low	0.000% - 0.144%	2 635	4 540	58%	0.05%	70.4%	2.3%	61	0.9	3%
	Very low	0.145% - 0.506%	893	580	83%	0.29%	69.4%	10.0%	89	1.8	12%
	Low	0.507% - 1.116%	558	207	90%	0.78%	70.3%	22.1%	124	3.1	29%
	Low	1.117% - 2.681%	492	125	95%	1.79%	75.6%	44.8%	220	6.7	62%
	Medium	2.682% - 9.348%	345	41	101%	4.56%	75.8%	84.7%	292	11.8	128%
	High	9.349% - 99.99%	69	4	102%	19.96%	72.0%	177.4%	122	10.4	367%
	Default	100.00%	24	–	104%	100.00%	59.2%	276.4%	65	11.5	884%
				<b>5 016</b>	<b>5 497</b>	<b>74%</b>	<b>1.40%</b>	<b>71.1%</b>	<b>19.4%</b>	<b>973</b>	<b>46.2</b>
<b>Other retail<sup>(6)</sup></b>	Exceptionally low	0.000% - 0.144%	2 319	1 408	86%	0.07%	39.7%	7.0%	163	0.6	7%
	Very low	0.145% - 0.506%	2 631	367	98%	0.30%	49.5%	26.0%	684	4.0	28%
	Low	0.507% - 1.116%	2 268	265	98%	0.80%	60.1%	54.9%	1 244	11.0	61%
	Low	1.117% - 2.681%	1 540	115	99%	1.75%	64.4%	79.3%	1 221	17.4	93%
	Medium	2.682% - 9.348%	700	34	98%	4.35%	66.5%	96.3%	674	19.9	132%
	High	9.349% - 99.99%	181	5	98%	20.45%	61.4%	130.6%	236	22.9	289%
	Default	100.00%	112	8	99%	100.00%	60.9%	393.1%	439	36.7	805%
				<b>9 751</b>	<b>2 202</b>	<b>95%</b>	<b>2.40%</b>	<b>53.6%</b>	<b>47.8%</b>	<b>4 661</b>	<b>112.5</b>
			<b>57 656</b>	<b>20 614</b>	<b>87%</b>	<b>1.22%</b>	<b>31.5%</b>	<b>17.6%</b>	<b>10 142</b>	<b>213.5</b>	<b>22%</b>

(1) Represents retail exposures under the AIRB approach. Amounts are before allowance for credit losses and after credit risk mitigation.

(2) EL adjusted average risk weight is calculated as (RWA + 12.5 x EL) / EAD.

(3) Includes insured drawn and undrawn retail mortgages and home equity lines of credit.

(4) Includes only uninsured undrawn retail mortgages and home equity lines of credit.

(5) Includes only uninsured drawn retail mortgages and home equity lines of credit.

(6) Includes all other drawn and undrawn retail exposures.



## Credit Quality of AIRB Exposure - Retail Portfolios<sup>(1)</sup>

			2015								
			Q2								
			EAD	Notional of undrawn commitments	Exposure weighted-average (EAD %)	Exposure weighted-average (PD %)	Exposure weighted-average (LGD %)	Exposure weighted-average risk weight asset (RWA %)	RWA	Expected Losses (EL)	EL adjusted average risk weight % <sup>(2)</sup>
Canadian residential mortgage and HELOCs	Risk Grade	PD bands									
<b>Insured Drawn and Undrawn<sup>(3)</sup></b>	Exceptionally low	0.000% - 0.144%	2 234	–	100%	0.07%	18.5%	3.3%	75	0.3	4%
	Very low	0.145% - 0.506%	2 429	–	100%	0.30%	10.7%	5.4%	130	0.7	6%
	Low	0.507% - 1.116%	981	–	100%	0.76%	5.5%	5.5%	54	0.4	6%
	Low	1.117% - 2.681%	476	–	100%	1.71%	3.5%	6.0%	28	0.3	7%
	Medium	2.682% - 9.348%	486	–	100%	4.84%	2.7%	8.4%	41	0.6	10%
	High	9.349% - 99.99%	176	–	100%	25.55%	2.6%	13.7%	24	1.2	22%
	Default	100.00%	65	–	100%	100.00%	2.8%	23.1%	15	0.9	39%
				<b>6 847</b>	<b>–</b>	<b>100%</b>	<b>2.31%</b>	<b>11.1%</b>	<b>5.4%</b>	<b>367</b>	<b>4.4</b>
<b>Uninsured Undrawn<sup>(4)</sup></b>	Exceptionally low	0.000% - 0.144%	3 904	8 703	59%	0.05%	22.9%	3.2%	124	0.5	3%
	Very low	0.145% - 0.506%	1 555	3 975	68%	0.27%	23.5%	11.5%	180	0.9	12%
	Low	0.507% - 1.116%	111	132	86%	0.71%	24.1%	23.9%	26	0.2	26%
	Low	1.117% - 2.681%	32	39	82%	1.70%	23.7%	41.8%	13	0.1	47%
	Medium	2.682% - 9.348%	11	13	85%	4.35%	24.0%	72.2%	8	0.1	85%
	High	9.349% - 99.99%	2	2	91%	17.75%	23.9%	125.8%	2	0.1	179%
	Default	100.00%	1	2	73%	100.00%	26.3%	328.9%	3	–	329%
				<b>5 616</b>	<b>12 866</b>	<b>62%</b>	<b>0.17%</b>	<b>23.1%</b>	<b>6.3%</b>	<b>356</b>	<b>1.9</b>
<b>Uninsured Drawn<sup>(5)</sup></b>	Exceptionally low	0.000% - 0.144%	14 056			0.07%	23.7%	4.3%	603	2.4	5%
	Very low	0.145% - 0.506%	10 903			0.27%	25.9%	12.9%	1 402	7.7	14%
	Low	0.507% - 1.116%	2 654			0.72%	25.9%	25.8%	684	4.9	28%
	Low	1.117% - 2.681%	755			1.71%	26.0%	45.7%	345	3.3	51%
	Medium	2.682% - 9.348%	444			4.83%	26.9%	85.6%	380	5.8	102%
	High	9.349% - 99.99%	215			28.43%	29.8%	155.1%	334	18.9	264%
	Default	100.00%	68			100.00%	27.8%	240.8%	164	10.4	432%
				<b>29 095</b>			<b>0.76%</b>	<b>24.9%</b>	<b>13.4%</b>	<b>3 912</b>	<b>53.4</b>
<b>Qualifying revolving credit</b>	Exceptionally low	0.000% - 0.144%	2 643	4 554	58%	0.05%	70.6%	2.3%	61	0.9	3%
	Very low	0.145% - 0.506%	908	604	82%	0.29%	69.6%	10.0%	91	1.8	12%
	Low	0.507% - 1.116%	564	216	90%	0.78%	70.3%	22.2%	125	3.1	29%
	Low	1.117% - 2.681%	505	128	95%	1.79%	75.2%	44.5%	225	6.8	61%
	Medium	2.682% - 9.348%	371	45	101%	4.59%	75.7%	85.0%	314	12.9	128%
	High	9.349% - 99.99%	76	4	102%	20.13%	71.8%	176.7%	134	11.6	368%
	Default	100.00%	23	–	104%	100.00%	59.9%	295.4%	67	10.4	873%
				<b>5 090</b>	<b>5 551</b>	<b>74%</b>	<b>1.42%</b>	<b>71.2%</b>	<b>20.0%</b>	<b>1 017</b>	<b>47.5</b>
<b>Other retail<sup>(6)</sup></b>	Exceptionally low	0.000% - 0.144%	2 222	1 351	86%	0.07%	41.2%	7.3%	161	0.6	8%
	Very low	0.145% - 0.506%	2 726	396	98%	0.30%	47.7%	25.0%	681	4.0	27%
	Low	0.507% - 1.116%	2 155	257	98%	0.80%	60.3%	55.1%	1 187	10.4	61%
	Low	1.117% - 2.681%	1 496	84	99%	1.75%	64.5%	79.3%	1 187	16.9	93%
	Medium	2.682% - 9.348%	705	34	99%	4.45%	65.9%	95.7%	675	20.4	132%
	High	9.349% - 99.99%	200	6	99%	19.48%	62.4%	132.2%	265	24.5	285%
	Default	100.00%	113	6	98%	100.00%	60.0%	397.9%	449	34.7	784%
				<b>9 617</b>	<b>2 134</b>	<b>95%</b>	<b>2.46%</b>	<b>53.4%</b>	<b>47.9%</b>	<b>4 605</b>	<b>111.5</b>
			<b>56 265</b>	<b>20 551</b>	<b>87%</b>	<b>1.24%</b>	<b>32.1%</b>	<b>18.2%</b>	<b>10 257</b>	<b>218.7</b>	<b>23%</b>

(1) Represents retail exposures under the AIRB approach. Amounts are before allowance for credit losses and after credit risk mitigation.

(2) EL adjusted average risk weight is calculated as (RWA + 12.5 x EL) / EAD.

(3) Includes insured drawn and undrawn retail mortgages and home equity lines of credit.

(4) Includes only uninsured undrawn retail mortgages and home equity lines of credit.

(5) Includes only uninsured drawn retail mortgages and home equity lines of credit.

(6) Includes all other drawn and undrawn retail exposures.

**AIRB Credit Risk Exposure: Non-retail Portfolios<sup>(1)</sup>**

		Q3 2015										Q2 2015									
		Corporate AIRB exposures by internal PD grade																			
Internal Ratings grades	PD Range 0.000%	S&P rating equivalent	EAD Amount			Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)	EAD Amount			Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)					
			Drawn	Undrawn	Other					Drawn	Undrawn	Other									
1	0.000 - 0.035	AAA... AA-	21	2	23	0.03%	19.0%	1	4%	18	2	20	0.03%	22.6%	1	5%					
1.5	0.035 - 0.044	A+	37	4	41	0.04%	19.3%	3	6%	35	4	39	0.04%	38.6%	12	6%					
2	0.044 - 0.063	A	183	372	555	0.05%	50.6%	190	18%	180	445	625	0.05%	49.1%	200	18%					
2.5	0.063 - 0.103	A-	1 797	1 156	2 953	0.08%	46.2%	591	20%	1 434	1 193	2 627	0.08%	45.9%	543	20%					
3	0.103 - 0.170	BBB+	3 886	2 763	6 649	0.13%	38.4%	1 778	26%	3 732	2 867	6 599	0.13%	38.8%	1 758	26%					
3.5	0.170 - 0.280	BBB	4 899	2 854	7 753	0.22%	36.9%	2 732	32%	4 965	2 867	7 832	0.22%	36.3%	2 591	31%					
4	0.280 - 0.462	BBB-	5 674	1 859	7 533	0.36%	36.8%	3 079	39%	5 750	1 793	7 543	0.36%	35.6%	2 901	37%					
4.5	0.462 - 0.762	BB+	4 685	944	5 629	0.59%	36.1%	2 809	48%	4 314	996	5 310	0.59%	36.6%	2 664	48%					
5	0.762 - 1.256	BB	7 005	1 578	8 583	0.98%	39.0%	5 944	67%	6 801	1 425	8 226	0.98%	37.9%	5 380	64%					
5.5	1.256 - 2.070	BB-	2 772	682	3 454	1.61%	36.9%	2 547	71%	2 767	777	3 544	1.61%	33.5%	2 438	65%					
6	2.070 - 3.412	B+	1 680	407	2 087	2.66%	36.6%	1 837	82%	1 684	406	2 090	2.66%	32.7%	1 925	86%					
6.5	3.412 - 5.625	B	1 160	145	1 305	4.38%	36.6%	1 235	88%	955	137	1 092	4.38%	30.2%	844	71%					
7	5.625 - 9.272	B-	919	80	1 000	7.22%	38.4%	1 177	113%	977	74	1 051	7.22%	38.4%	1 218	111%					
7.5	9.272 - 15.284	CCC+	173	22	195	11.90%	36.7%	266	136%	155	17	172	11.90%	36.1%	229	132%					
8	15.284 - 25.195	CCC	14	-	14	19.62%	35.1%	19	136%	47	2	49	19.62%	7.9%	16	33%					
8.5	25.195 - 100	CCC-	60	1	61	32.35%	58.9%	167	274%	132	1	133	32.35%	54.5%	359	270%					
9	100	CC	276	6	282	100.00%	41.7%	682	242%	281	2	283	100.00%	42.1%	631	223%					
9.5	100	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
10	100	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
<b>Total</b>			<b>35 241</b>	<b>12 875</b>	<b>48 116</b>	<b>1.5%</b>	<b>38.2%</b>	<b>25 057</b>	<b>49%</b>	<b>34 227</b>	<b>13 008</b>	<b>47 235</b>	<b>1.5%</b>	<b>37.5%</b>	<b>23 710</b>	<b>48%</b>					

		Q3 2015										Q2 2015									
		Sovereign AIRB exposures by internal PD grade																			
Internal Ratings grades	PD Range 0.000%	S&P rating equivalent	EAD Amount			Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)	EAD Amount			Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)					
			Drawn	Undrawn	Other					Drawn	Undrawn	Other									
1	0.000 - 0.010	AAA... AA-	14 464	146	14 610	0.01%	10.4%	298	2%	13 427	62	13 500	0.01%	13.3%	359	3%					
1.5	0.010 - 0.019	A+	3 795	2 751	6 546	0.01%	13.7%	201	3%	3 454	2 889	6 343	0.01%	13.9%	190	3%					
2	0.019 - 0.033	A	1 199	510	1 709	0.03%	17.7%	74	4%	1 190	499	1 689	0.03%	17.9%	74	4%					
2.5	0.033 - 0.060	A-	8	1	9	0.05%	14.7%	1	11%	8	1	9	0.05%	14.6%	1	11%					
3	0.060 - 0.107	BBB+	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
3.5	0.107 - 0.191	BBB	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
4	0.191 - 0.342	BBB-	-	-	-	-	-	-	-	18	-	18	0.26%	12.2%	2	-					
4.5	0.342 - 0.612	BB+	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
5	0.612 - 1.095	BB	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
5.5	1.095 - 1.960	BB-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6	1.960 - 3.507	B+	15	-	15	2.62%	18.5%	6	40%	15	-	15	2.62%	18.5%	6	40%					
6.5	3.507 - 6.276	B	-	30	30	4.69%	14.1%	14	40%	-	29	29	4.69%	14.1%	14	40%					
7	6.276 - 11.231	B-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
7.5	11.231 - 20.099	CCC+	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
8	20.099 - 35.967	CCC	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
8.5	35.967 - 100	CCC-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
9	100	CC	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
9.5	100	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
10	100	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
<b>Total</b>			<b>19 481</b>	<b>3 438</b>	<b>22 919</b>	<b>0.0%</b>	<b>12.0%</b>	<b>594</b>	<b>2%</b>	<b>18 112</b>	<b>3 480</b>	<b>21 592</b>	<b>0.0%</b>	<b>13.7%</b>	<b>646</b>	<b>3%</b>					

		Q3 2015										Q2 2015									
		Financial Institutions AIRB exposures by internal PD grade																			
Internal Ratings grades	PD Range 0.000%	S&P rating equivalent	EAD Amount			Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)	EAD Amount			Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)					
			Drawn	Undrawn	Other					Drawn	Undrawn	Other									
1	0.000 - 0.035	AAA... AA-	215	-	215	0.03%	64.4%	349	13%	290	-	290	0.03%	59.8%	340	12%					
1.5	0.035 - 0.044	A+	355	-	355	0.04%	49.1%	115	17%	258	-	258	0.04%	37.5%	161	7%					
2	0.044 - 0.063	A	156	30	186	0.05%	38.0%	166	9%	230	30	260	0.05%	37.7%	66	16%					
2.5	0.063 - 0.103	A-	70	-	70	0.08%	10.3%	111	5%	130	-	130	0.08%	14.4%	180	7%					
3	0.103 - 0.170	BBB+	266	12	278	0.13%	41.9%	164	26%	291	13	304	0.13%	40.2%	165	26%					
3.5	0.170 - 0.280	BBB	378	-	378	0.22%	43.9%	214	37%	524	-	524	0.22%	44.6%	261	39%					
4	0.280 - 0.462	BBB-	138	45	183	0.36%	38.9%	323	50%	19	100	119	0.36%	33.9%	417	39%					
4.5	0.462 - 0.762	BB+	164	6	170	0.59%	40.0%	942	55%	97	-	97	0.59%	50.3%	443	64%					
5	0.762 - 1.256	BB	1	-	1	0.98%	52.3%	20	87%	20	-	20	0.98%	39.2%	14	70%					
5.5	1.256 - 2.070	BB-	3	-	3	1.61%	44.8%	6	120%	4	-	4	1.61%	46.0%	6	100%					
6	2.070 - 3.412	B+	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6.5	3.412 - 5.625	B	17	-	17	4.38%	43.2%	53	139%	18	-	18	4.38%	42.0%	65	138%					
7	5.625 - 9.272	B-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
7.5	9.272 - 15.284	CCC+	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
8	15.284 - 25.195	CCC	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
8.5	25.195 - 100	CCC-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
9	100	CC	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
9.5	100	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
10	100	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
<b>Total</b>			<b>1 763</b>	<b>93</b>	<b>1 856</b>	<b>0.3%</b>	<b>39.8%</b>	<b>2 463</b>	<b>22%</b>	<b>1 861</b>	<b>143</b>	<b>1 994</b>	<b>0.3%</b>	<b>39.2%</b>	<b>2 118</b>	<b>19%</b>					

	Q3 2015	Q2 2015
Credit commitments - AIRB Non-retail portfolios	Notional undrawn commitments	EAD on undrawn commitments <sup>(2)</sup>
Corporate	33 033	12 875
Sovereign	7 933	3 438
Financial Institutions	186	93
<b>Total</b>	<b>41 152</b>	<b>16 406</b>

	Q3 2015	Q2 2015
Credit commitments - AIRB Non-retail portfolios	Notional undrawn commitments	EAD on undrawn commitments <sup>(2)</sup>
Corporate	31 801	13 008
Sovereign	7 969	3 480
Financial Institutions	285	143
<b>Total</b>	<b>40 055</b>	<b>16 631</b>

(1) The data presented above take into account permissible netting and exclude SME-Retail Portfolio, trading related portfolio and Equity.  
(2) EAD undrawn commitments are the undrawn commitments (notional amount) that is currently undrawn but expected to be drawn in the event of a default.







## AIRB Credit Risk Exposure - Back-Testing<sup>(1)</sup>

	2015											
	Q3						Q2					
	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) <sup>(2)</sup>	Actual (LGD %) <sup>(3)</sup>	Estimated (EAD %) <sup>(4)</sup>	Actual (EAD %) <sup>(4)</sup>	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) <sup>(2)</sup>	Actual (LGD %) <sup>(3)</sup>	Estimated (EAD %) <sup>(4)</sup>	Actual (EAD %) <sup>(4)</sup>
<i>(unaudited)</i> (millions of Canadian dollars)												
<b>Retail portfolio<sup>(5)</sup></b>												
Uninsured residential mortgages incl. Home equity line of credit <sup>(6) (7) (13)</sup>	0.46%	0.20%	27.44%	6.86%	98.11%	78.38%	0.47%	0.20%	26.36%	5.72%	97.72%	83.58%
Insured residential mortgages <sup>(7) (8)</sup>	1.48%	0.95%	2.78%	na	na	na	1.47%	0.92%	2.78%	na	na	na
Qualifying revolving retail <sup>(9)</sup>	1.41%	1.18%	74.22%	80.23%	95.94%	96.82%	1.48%	1.20%	76.40%	80.31%	95.75%	96.33%
Other retail <sup>(10)</sup>	1.82%	1.88%	69.26%	62.61%	92.44%	89.46%	1.78%	1.79%	68.62%	62.27%	92.26%	90.50%
<b>Wholesale &amp; Sovereign portfolio<sup>(11)</sup></b>												
Corporate	1.63%	0.74%	40.57%	24.93%	82.75%	67.85%	1.64%	0.75%	39.03%	29.94%	82.34%	71.94%
Sovereign <sup>(12)</sup>	0.03%	0.00%	11.54%	na	81.00%	na	0.03%	0.00%	11.54%	na	81.00%	na
Financial Institutions <sup>(12)</sup>	0.64%	0.00%	39.00%	na	100.00%	na	0.70%	0.00%	39.00%	na	100.00%	na

	2015						2014					
	Q1						Q4					
	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) <sup>(2)</sup>	Actual (LGD %) <sup>(3)</sup>	Estimated (EAD %) <sup>(4)</sup>	Actual (EAD %) <sup>(4)</sup>	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) <sup>(2)</sup>	Actual (LGD %) <sup>(3)</sup>	Estimated (EAD %) <sup>(4)</sup>	Actual (EAD %) <sup>(4)</sup>
<i>(unaudited)</i> (millions of Canadian dollars)												
<b>Retail portfolio<sup>(5)</sup></b>												
Uninsured residential mortgages incl. Home equity line of credit <sup>(6) (7)</sup>	0.48%	0.23%	28.24%	8.60%	98.16%	85.55%	0.31%	0.17%	32.22%	13.06%	99.03%	88.32%
Insured residential mortgages <sup>(7) (8)</sup>	1.47%	1.09%	2.71%	na	na	na	1.42%	0.99%	2.71%	na	na	na
Qualifying revolving retail <sup>(9)</sup>	1.43%	1.24%	76.88%	78.11%	96.02%	96.58%	1.38%	1.20%	76.95%	77.33%	96.08%	95.57%
Other retail <sup>(10)</sup>	1.87%	1.87%	68.34%	61.98%	92.39%	88.88%	1.83%	1.71%	68.40%	61.74%	92.55%	89.70%
<b>Wholesale &amp; Sovereign portfolio<sup>(11)</sup></b>												
Corporate	1.61%	0.72%	39.24%	30.80%	82.30%	70.86%	1.60%	0.67%	36.89%	30.45%	82.33%	75.59%
Sovereign <sup>(12)</sup>	0.03%	0.00%	11.54%	na	81.00%	na	0.03%	0.00%	11.54%	na	81.00%	na
Financial Institutions <sup>(12)</sup>	0.59%	0.00%	39.00%	na	100.00%	na	0.50%	0.00%	39.00%	na	100.00%	na

	2014											
	Q3						Q2					
	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) <sup>(2)</sup>	Actual (LGD %) <sup>(3)</sup>	Estimated (EAD %) <sup>(4)</sup>	Actual (EAD %) <sup>(4)</sup>	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) <sup>(2)</sup>	Actual (LGD %) <sup>(3)</sup>	Estimated (EAD %) <sup>(4)</sup>	Actual (EAD %) <sup>(4)</sup>
<i>(unaudited)</i> (millions of Canadian dollars)												
<b>Retail portfolio<sup>(5)</sup></b>												
Uninsured residential mortgages incl. Home equity line of credit <sup>(6) (7)</sup>	0.30%	0.14%	27.56%	15.67%	98.14%	87.24%	0.32%	0.14%	27.63%	17.19%	98.56%	86.66%
Insured residential mortgages <sup>(7) (8)</sup>	1.22%	0.88%	1.51%	na	na	na	1.25%	0.87%	1.44%	na	na	na
Qualifying revolving retail <sup>(9)</sup>	1.45%	1.21%	93.44%	92.86%	95.52%	97.06%	1.55%	1.25%	92.97%	92.12%	95.43%	97.06%
Other retail <sup>(10)</sup>	1.39%	1.74%	67.09%	62.41%	92.25%	88.98%	1.45%	1.73%	66.77%	61.56%	92.50%	86.55%
<b>Wholesale &amp; Sovereign portfolio<sup>(11)</sup></b>												
Corporate	1.61%	0.67%	36.73%	29.16%	82.07%	81.06%	1.61%	0.55%	38.11%	29.54%	82.33%	82.53%
Sovereign <sup>(12)</sup>	0.03%	0.00%	11.54%	na	81.00%	na	0.03%	0.00%	11.54%	na	81.00%	na
Financial Institutions <sup>(12)</sup>	0.47%	0.00%	39.00%	na	100.00%	na	0.40%	0.00%	39.00%	na	100.00%	na

- (1) Actual and estimated parameters are reported on a three-month lag. For example, for Q3-2015, estimated percentages are as of April 30, 2014 and actual percentages reflect experience in the following 12 months.
- (2) Estimated LGD reflects loss estimates under a downturn economic scenario and is based on defaulted accounts.
- (3) Actual LGD includes indirect costs and discount rate and is based on defaulted accounts on which recovery process is completed.
- (4) Estimated and actual EAD are computed for revolving products only and are based on defaulted accounts.
- (5) Retail PD and EAD are based on account weighted average whilst retail LGD is based on exposure weighted average.
- (6) Actual and estimated EAD for residential mortgage is computed only for Home equity lines of credit since the conventional residential mortgages are non-revolving.
- (7) Residential mortgages PD and LGD models were revised in Q3 2014.
- (8) Actual LGD for insured residential mortgages is n/a to reflect the credit risk mitigation from government backed entities.
- (9) Lines of credit PD, LGD and EAD models were revised in Q3 2014.
- (10) Personal installment loans PD and LGD models were revised in Q3 2014.
- (11) Wholesale and Sovereign's PD is based on borrower weighted average whilst the LGD and EAD are based on facility weighted average.
- (12) Actual LGD for the Financial Institutions and Sovereign are na because no defaulted facilities recovery were completed during the period. Actual EAD are na because no default was observed during the period.
- (13) The increase of both estimated and actual Residential mortgages PD in Q1 2015 is due to the addition of a portfolio.



## Distribution of Gross Credit Risk Exposure (Non-Retail Portfolio by Industries)

2015																		
Q3							Q2						Q1					
EAD - Gross Exposure <sup>(1)</sup>																		
Non-Retail Portfolio	Drawn	Undrawn commitments	Other	Repo-style transactions	OTC Derivatives	Total	Drawn	Undrawn commitments	Other	Repo-style transactions	OTC Derivatives	Total	Drawn	Undrawn commitments	Other	Repo-style transactions	OTC Derivatives	Total
Agriculture	3 314	178	6	-	-	3 498	3 124	180	4	-	-	3 308	3 064	188	4	-	-	3 256
Mining, Oil and Gas	3 625	2 603	167	-	-	6 395	3 972	2 372	144	-	-	6 488	3 721	2 455	147	-	-	6 323
Utilities	1 646	1 642	240	-	-	3 528	1 544	1 766	230	-	1	3 541	1 490	1 582	220	-	-	3 292
Construction	2 273	1 312	215	-	-	3 800	2 036	1 068	193	-	-	3 297	1 751	1 108	195	-	-	3 054
Manufacturing	3 656	1 826	283	-	-	5 765	3 462	1 836	268	-	-	5 566	3 374	1 972	283	-	-	5 629
Wholesale Trade	1 760	552	66	-	-	2 378	1 762	547	66	-	-	2 375	1 782	655	57	-	-	2 494
Retail Trade	2 917	921	58	-	-	3 896	3 198	793	62	-	-	4 053	3 074	972	40	-	-	4 086
Transportation	1 840	1 667	77	-	-	3 584	1 679	1 881	66	-	-	3 626	1 680	1 612	73	-	-	3 365
Communications	1 185	534	279	-	-	1 998	1 166	653	283	-	-	2 102	1 213	611	348	-	-	2 172
Finance and Insurance	16 182	1 379	817	74 218	727	93 323	14 931	1 300	740	73 666	1 041	91 678	16 294	1 359	1 257	71 450	611	90 971
Real Estate <sup>(2)</sup>	7 119	623	46	70	-	7 858	6 847	704	27	78	-	7 656	6 521	725	22	78	-	7 346
Professional Services	1 051	639	351	-	-	2 041	1 010	712	327	-	-	2 049	1 106	767	336	-	-	2 209
Education & Health Care	2 566	738	5	-	-	3 309	2 341	708	5	-	-	3 054	2 494	729	5	-	-	3 228
Other Services	4 521	868	199	112	-	5 700	4 207	1 005	210	1	-	5 423	4 145	998	206	12	-	5 361
Government	3 706	1 233	7	1 032	-	5 978	3 689	1 410	7	1 161	-	6 267	4 091	1 098	5	1 698	-	6 892
Other	1 785	1	599	-	-	2 385	1 660	-	683	-	-	2 343	978	-	366	8	-	1 352
<b>Total - Non-retail<sup>(3)</sup></b>	<b>59 146</b>	<b>16 716</b>	<b>3 415</b>	<b>75 432</b>	<b>727</b>	<b>155 436</b>	<b>56 628</b>	<b>16 935</b>	<b>3 315</b>	<b>74 906</b>	<b>1 042</b>	<b>152 826</b>	<b>56 778</b>	<b>16 831</b>	<b>3 564</b>	<b>73 246</b>	<b>611</b>	<b>151 030</b>

2014																		
Q4							Q3						Q2					
EAD - Gross Exposure <sup>(1)</sup>																		
Non-Retail Portfolio	Drawn	Undrawn commitments	Other	Repo-style transactions	OTC Derivatives	Total	Drawn	Undrawn commitments	Other	Repo-style transactions	OTC Derivatives	Total	Drawn	Undrawn commitments	Other	Repo-style transactions	OTC Derivatives	Total
Agriculture	2 938	165	4	-	-	3 107	2 878	169	4	-	-	3 051	2 786	162	5	-	-	2 953
Mining, Oil and Gas	3 250	2 463	140	-	-	5 853	3 366	2 317	138	-	-	5 821	3 551	2 452	166	-	-	6 169
Utilities	1 184	1 752	210	-	4	3 150	1 042	1 800	205	-	1	3 048	1 051	1 707	195	-	2	2 955
Construction	1 736	1 117	156	-	-	3 009	1 635	1 110	136	-	-	2 881	1 515	976	116	-	-	2 607
Manufacturing	3 471	1 842	243	-	-	5 556	3 298	1 764	255	-	-	5 317	3 264	1 448	242	-	-	4 954
Wholesale Trade	1 867	658	51	-	-	2 576	1 878	580	48	-	-	2 506	1 912	538	53	-	-	2 503
Retail Trade	3 075	903	40	-	-	4 018	3 168	783	42	-	-	3 993	3 379	795	49	-	-	4 223
Transportation	1 231	1 677	57	-	-	2 965	1 140	1 724	56	-	-	2 920	1 195	1 513	61	-	-	2 769
Communications	1 364	599	265	-	-	2 228	1 373	665	231	-	-	2 269	1 382	570	110	-	-	2 062
Finance and Insurance	18 224	1 241	1 129	69 975	699	91 268	16 012	1 189	717	68 071	883	86 872	16 555	1 094	773	61 874	1 028	81 324
Real Estate <sup>(2)</sup>	6 425	608	22	77	-	7 132	6 056	598	17	74	-	6 745	5 701	531	17	-	-	6 249
Professional Services	1 443	828	314	-	-	2 585	1 383	693	340	-	-	2 416	1 639	617	337	-	-	2 593
Education & Health Care	2 607	666	5	-	-	3 278	2 616	535	3	-	-	3 154	2 367	737	3	-	-	3 107
Other Services	3 554	844	169	-	-	4 567	3 516	751	171	-	-	4 438	3 073	730	170	18	-	3 991
Government	3 321	1 106	5	651	-	5 083	2 579	1 024	4	1 254	-	4 861	2 460	1 304	3	1 715	-	5 482
Other	1 159	-	370	1	-	1 530	1 655	-	719	1	-	2 375	1 648	-	753	1 560	-	3 961
<b>Total - Non-retail<sup>(3)</sup></b>	<b>56 849</b>	<b>16 469</b>	<b>3 180</b>	<b>70 704</b>	<b>703</b>	<b>147 905</b>	<b>53 595</b>	<b>15 702</b>	<b>3 086</b>	<b>69 400</b>	<b>884</b>	<b>142 667</b>	<b>53 478</b>	<b>15 174</b>	<b>3 053</b>	<b>65 167</b>	<b>1 030</b>	<b>137 902</b>

(1) EAD amounts are after securitization and exclude trading related portfolio.

(2) Includes non residential mortgages (5 units and more).

(3) This total excludes SME retail exposure.



### Gross Credit Risk Exposure at Default in Europe<sup>(1)</sup>

(unaudited) (millions of Canadian dollars)	2015																	
	Q3						Q2						Q1					
	Drawn	Undrawn commitments	Repo-style transactions <sup>(2)</sup>	OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total	Drawn	Undrawn commitments	Repo-style transactions <sup>(2)</sup>	OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total	Drawn	Undrawn commitments	Repo-style transactions <sup>(2)</sup>	OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total
Greece	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Portugal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spain	25	-	-	2	133	160	24	-	-	1	134	159	26	-	-	-	134	160
<b>Total GIIPS</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>134</b>	<b>161</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>135</b>	<b>160</b>	<b>26</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>135</b>	<b>161</b>
France	89	2	2 419	505	286	3 301	63	2	1 468	570	291	2 394	20	4	31	586	295	936
Germany	1	108	254	23	42	428	131	122	239	16	41	549	-	-	1	15	39	55
United Kingdom	661	2	4 946	876	1	6 486	622	3	4 541	852	1	6 019	1 062	6	3 129	773	1	4 971
Other Europe	71	5	951	377	20	1 424	148	7	518	448	20	1 141	30	16	85	383	31	545
<b>Total - Credit Risk</b>	<b>847</b>	<b>117</b>	<b>8 570</b>	<b>1 783</b>	<b>483</b>	<b>11 800</b>	<b>988</b>	<b>134</b>	<b>6 766</b>	<b>1 887</b>	<b>488</b>	<b>10 263</b>	<b>1 138</b>	<b>26</b>	<b>3 246</b>	<b>1 757</b>	<b>501</b>	<b>6 668</b>

Adjustment to exposure for collateral	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total
<b>Total - Net Credit Risk<sup>(4)</sup></b>	<b>847</b>	<b>117</b>	<b>1 802</b>	<b>483</b>	<b>3 249</b>	<b>988</b>	<b>134</b>	<b>2 019</b>	<b>488</b>	<b>3 629</b>	<b>1 138</b>	<b>26</b>	<b>1 792</b>	<b>501</b>	<b>3 457</b>

(unaudited) (millions of Canadian dollars)	2014																	
	Q4						Q3						Q2					
	Drawn	Undrawn commitments	Repo-style transactions <sup>(2)</sup>	OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total	Drawn	Undrawn commitments	Repo-style transactions <sup>(2)</sup>	OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total	Drawn	Undrawn commitments	Repo-style transactions <sup>(2)</sup>	OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total
Greece	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ireland	-	-	1 026	-	-	1 026	-	-	67	-	-	67	7	-	52	-	-	59
Italy	-	-	50	-	2	52	-	-	50	-	2	52	1	-	-	-	2	3
Portugal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spain	27	-	-	1	134	162	29	-	-	-	137	166	31	-	-	-	134	165
<b>Total GIIPS</b>	<b>27</b>	<b>-</b>	<b>1 076</b>	<b>1</b>	<b>136</b>	<b>1 240</b>	<b>29</b>	<b>-</b>	<b>117</b>	<b>-</b>	<b>139</b>	<b>285</b>	<b>39</b>	<b>-</b>	<b>52</b>	<b>-</b>	<b>136</b>	<b>227</b>
France	17	3	1 239	681	294	2 234	27	3	1 014	671	299	2 014	37	6	1 064	511	294	1 912
Germany	-	-	173	18	35	226	7	-	2	18	38	65	9	-	3	9	55	76
United Kingdom	590	4	3 808	684	2	5 088	450	6	2 258	771	2	3 487	307	10	2 190	697	2	3 206
Other Europe	91	10	1 739	331	46	2 217	57	14	976	300	53	1 400	68	24	646	293	57	1 088
<b>Total - Credit Risk</b>	<b>725</b>	<b>17</b>	<b>8 035</b>	<b>1 715</b>	<b>513</b>	<b>11 005</b>	<b>570</b>	<b>23</b>	<b>4 367</b>	<b>1 760</b>	<b>531</b>	<b>7 251</b>	<b>460</b>	<b>40</b>	<b>3 955</b>	<b>1 510</b>	<b>544</b>	<b>6 509</b>

Adjustment to exposure for collateral	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items <sup>(3)</sup>	Total
<b>Total - Net Credit Risk<sup>(4)</sup></b>	<b>725</b>	<b>17</b>	<b>2 538</b>	<b>513</b>	<b>3 793</b>	<b>570</b>	<b>23</b>	<b>2 475</b>	<b>531</b>	<b>3 599</b>	<b>460</b>	<b>40</b>	<b>1 964</b>	<b>544</b>	<b>3 008</b>

(1) Exposure at default is the expected gross exposure upon the default of an obligor. This amount is before any specific allowance or partial write-offs and does not reflect the impact of credit risk mitigation and collateral held. This table excludes Equity exposures.

(2) Represents securities purchased under reverse repurchase agreements and sold under repurchase agreements, and securities borrowed and loaned.

(3) Letters of guarantee and credit that represent the Bank's commitment to make payments in the event that a client cannot meet its financial obligations to third parties.

(4) For drawn, undrawn and Other off-balance sheet exposures, eligible financial collateral is taken into account in the Bank's Loss Given Default (LGD) models.



## Formation of Gross Impaired Loans and Allowance for Credit Losses

(unaudited) (millions of Canadian dollars)

	2015			2014				2013				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2015	2014	2014	2013
<b>Formation of Gross Impaired Loans<sup>(1)</sup> (by sector)</b>															
<b>Opening balance</b>	446	389	486	411	417	417	395	377	346	354	387	486	395	395	387
Write-offs															
Retail	(18)	(21)	(21)	(19)	(18)	(19)	(20)	(16)	(18)	(16)	(16)	(60)	(57)	(76)	(66)
Commercial	(16)	(15)	(62)	(14)	(10)	(10)	(3)	(7)	(8)	(5)	(4)	(93)	(23)	(37)	(24)
Wealth Management	(1)	(1)	(1)	(2)	(1)	(1)	(1)	(1)	(1)	(1)	-	(3)	(3)	(5)	(3)
Corporate	(6)	-	-	-	-	-	-	-	-	-	(14)	(6)	-	-	(14)
Real Estate	-	-	-	-	-	-	-	-	-	(1)	-	-	-	-	(1)
<b>Total write-offs</b>	<b>(41)</b>	<b>(37)</b>	<b>(84)</b>	<b>(35)</b>	<b>(29)</b>	<b>(30)</b>	<b>(24)</b>	<b>(24)</b>	<b>(27)</b>	<b>(23)</b>	<b>(34)</b>	<b>(162)</b>	<b>(83)</b>	<b>(118)</b>	<b>(108)</b>
Formation															
Retail	16	28	22	29	20	15	36	21	26	20	21	66	71	100	88
Commercial	24	65	(16)	79	2	15	9	29	30	(13)	35	73	26	105	81
Wealth Management	4	1	2	2	1	-	1	1	2	1	1	7	2	4	5
Corporate	-	-	-	-	-	-	-	(6)	(6)	7	(56)	-	-	-	(61)
Real estate	-	-	(21)	-	-	-	-	-	3	-	-	(21)	-	-	3
Other	-	-	-	-	-	-	-	(3)	3	-	-	-	-	-	-
<b>Total formation</b>	<b>44</b>	<b>94</b>	<b>(13)</b>	<b>110</b>	<b>23</b>	<b>30</b>	<b>46</b>	<b>42</b>	<b>58</b>	<b>15</b>	<b>1</b>	<b>125</b>	<b>99</b>	<b>209</b>	<b>116</b>
<b>Closing balance</b>	<b>449</b>	<b>446</b>	<b>389</b>	<b>486</b>	<b>411</b>	<b>417</b>	<b>417</b>	<b>395</b>	<b>377</b>	<b>346</b>	<b>354</b>	<b>449</b>	<b>411</b>	<b>486</b>	<b>395</b>

(1) Credit card receivables are not included

	2015			2014				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2015	2014	2014	2013
<b>Formation of Gross Impaired Loans (by activity)</b>											
<b>Opening balance</b>	446	389	486	411	417	417	395	486	395	395	387
Classified as impaired during the period	149	187	107	196	142	139	127	443	408	604	587
Transferred to not impaired during the period	(7)	(8)	(3)	(4)	(6)	(7)	(2)	(18)	(15)	(19)	(16)
Net repayments	(78)	(62)	(100)	(63)	(88)	(77)	(57)	(240)	(222)	(285)	(363)
Write-offs	(60)	(54)	(97)	(50)	(48)	(48)	(40)	(211)	(136)	(186)	(177)
Recoveries of loans previously written off	(5)	(7)	(5)	(3)	(4)	(5)	(5)	(17)	(14)	(17)	(17)
Disposals of loans	-	-	(1)	(1)	(2)	(2)	(1)	(1)	(5)	(6)	(6)
Exchange and other movements	4	1	2	-	-	-	-	7	-	-	-
<b>Closing balance</b>	<b>449</b>	<b>446</b>	<b>389</b>	<b>486</b>	<b>411</b>	<b>417</b>	<b>417</b>	<b>449</b>	<b>411</b>	<b>486</b>	<b>395</b>

	2015			2014				2013				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2015	2014	2014	2013
<b>Allowance for Credit Losses</b>															
<b>Allowances at beginning</b>	563	561	604	593	592	589	578	571	566	556	577	604	578	578	577
Write-offs	(65)	(61)	(103)	(54)	(54)	(54)	(47)	(43)	(47)	(45)	(55)	(229)	(155)	(209)	(203)
Recoveries of amounts written off in previous years	6	5	5	7	4	4	6	2	4	2	2	16	14	21	17
Charge to income statement (provision for credit losses)	56	57	54	57	49	51	51	48	48	53	32	167	151	208	181
Disposal of loans	-	-	1	1	2	2	1	-	-	-	-	1	5	6	6
Exchange and other movements	1	1	-	-	-	-	-	-	-	-	-	2	-	-	-
<b>Allowances at end</b>	<b>561</b>	<b>563</b>	<b>561</b>	<b>604</b>	<b>593</b>	<b>592</b>	<b>589</b>	<b>578</b>	<b>571</b>	<b>566</b>	<b>556</b>	<b>561</b>	<b>593</b>	<b>604</b>	<b>578</b>



## Gross Credit Exposure by Residual Contractual Maturity<sup>(1)</sup>

(unaudited) (millions of Canadian dollars)	2015											
	Q3				Q2				Q1			
	Within 1 year	1 to 5 years	Over 5 years	Total	Within 1 year	1 to 5 years	Over 5 years	Total	Within 1 year	1 to 5 years	Over 5 years	Total
<b>Retail</b>												
Residential mortgages	28 107	14 392	390	42 889	27 971	13 292	295	41 558	27 260	13 465	249	40 974
Qualifying revolving retail	5 016	-	-	5 016	5 089	1	-	5 090	4 984	-	-	4 984
Other retail	5 278	2 741	1 732	9 751	5 223	2 790	1 604	9 617	5 292	2 632	1 545	9 469
	<b>38 401</b>	<b>17 133</b>	<b>2 122</b>	<b>57 656</b>	<b>38 283</b>	<b>16 083</b>	<b>1 899</b>	<b>56 265</b>	<b>37 536</b>	<b>16 097</b>	<b>1 794</b>	<b>55 427</b>
<b>Non-retail</b>												
Corporate	30 851	19 572	2 488	52 911	31 884	17 981	2 405	52 270	34 091	14 366	1 503	49 960
Sovereign	19 632	8 397	5 809	33 838	17 871	6 767	5 834	30 472	22 855	6 217	5 611	34 683
Financial Institutions	57 807	3 836	2 345	63 988	55 630	6 903	2 418	64 951	52 071	6 901	310	59 282
	<b>108 290</b>	<b>31 805</b>	<b>10 642</b>	<b>150 737</b>	<b>105 385</b>	<b>31 651</b>	<b>10 657</b>	<b>147 693</b>	<b>109 017</b>	<b>27 484</b>	<b>7 424</b>	<b>143 925</b>
<b>Trading book</b>	<b>2 139</b>	<b>6 177</b>	<b>3 066</b>	<b>11 382</b>	<b>1 538</b>	<b>6 713</b>	<b>2 769</b>	<b>11 020</b>	<b>1 942</b>	<b>5 597</b>	<b>2 840</b>	<b>10 379</b>
<b>Total</b>	<b>148 830</b>	<b>55 115</b>	<b>15 830</b>	<b>219 775</b>	<b>145 206</b>	<b>54 447</b>	<b>15 325</b>	<b>214 978</b>	<b>148 495</b>	<b>49 178</b>	<b>12 058</b>	<b>209 731</b>

(unaudited) (millions of Canadian dollars)	2014											
	Q4				Q3				Q2			
	Within 1 year	1 to 5 years	Over 5 years	Total	Within 1 year	1 to 5 years	Over 5 years	Total	Within 1 year	1 to 5 years	Over 5 years	Total
<b>Retail</b>												
Residential mortgages	26 560	13 503	270	40 333	26 008	13 619	283	39 910	25 022	13 238	356	38 616
Qualifying revolving retail	5 027	-	-	5 027	4 992	-	-	4 992	4 610	-	-	4 610
Other retail	5 316	2 650	1 503	9 469	5 391	2 632	1 453	9 476	5 410	2 683	1 355	9 448
	<b>36 903</b>	<b>16 153</b>	<b>1 773</b>	<b>54 829</b>	<b>36 391</b>	<b>16 251</b>	<b>1 736</b>	<b>54 378</b>	<b>35 042</b>	<b>15 921</b>	<b>1 711</b>	<b>52 674</b>
<b>Non-retail</b>												
Corporate	34 279	13 835	1 441	49 555	33 322	13 300	1 579	48 201	32 391	12 462	1 341	46 194
Sovereign	24 358	6 244	5 162	35 764	20 535	6 472	4 565	31 572	23 229	6 812	3 959	34 000
Financial Institutions	49 592	6 733	6	56 331	46 570	7 785	6	54 361	41 569	8 729	1	50 299
	<b>108 229</b>	<b>26 812</b>	<b>6 609</b>	<b>141 650</b>	<b>100 427</b>	<b>27 557</b>	<b>6 150</b>	<b>134 134</b>	<b>97 189</b>	<b>28 003</b>	<b>5 301</b>	<b>130 493</b>
<b>Trading book</b>	<b>1 180</b>	<b>6 028</b>	<b>2 268</b>	<b>9 476</b>	<b>1 345</b>	<b>5 945</b>	<b>1 987</b>	<b>9 277</b>	<b>1 735</b>	<b>5 692</b>	<b>1 640</b>	<b>9 067</b>
<b>Total</b>	<b>146 312</b>	<b>48 993</b>	<b>10 650</b>	<b>205 955</b>	<b>138 163</b>	<b>49 753</b>	<b>9 873</b>	<b>197 789</b>	<b>133 966</b>	<b>49 616</b>	<b>8 652</b>	<b>192 234</b>

(1) Gross credit exposure is the expected exposure upon the default of an obligor before any specific allowances or credit risk mitigation.



## Credit Risk Mitigation - Guarantees and Credit Derivatives

(unaudited) (millions of Canadian dollars)	2015					
	Q3		Q2		Q1	
<b>Total exposure covered by:</b>	Standardized <sup>(1)</sup>	AIRB <sup>(2)</sup>	Standardized <sup>(1)</sup>	AIRB <sup>(2)</sup>	Standardized <sup>(1)</sup>	AIRB <sup>(2)</sup>
<b>Retail</b>						
Residential mortgage	948	6 106	403	5 822	373	5 823
Qualifying revolving retail	-	-	-	-	-	-
Other retail	2 622	301	2 177	303	2 139	306
	<b>3 570</b>	<b>6 407</b>	<b>2 580</b>	<b>6 125</b>	<b>2 512</b>	<b>6 129</b>
<b>Non-retail</b>						
Corporate	1 135	2 448	546	2 284	733	2 255
Sovereign	-	-	-	-	-	-
Financial Institutions	-	-	-	-	-	-
	<b>1 135</b>	<b>2 448</b>	<b>546</b>	<b>2 284</b>	<b>733</b>	<b>2 255</b>
<b>Trading book</b>	-	9	-	3	-	4
<b>Total</b>	<b>4 705</b>	<b>8 864</b>	<b>3 126</b>	<b>8 412</b>	<b>3 245</b>	<b>8 388</b>

(unaudited) (millions of Canadian dollars)	2014					
	Q4		Q3		Q2	
<b>Total exposure covered by:</b>	Standardized <sup>(1)</sup>	AIRB <sup>(2)</sup>	Standardized <sup>(1)</sup>	AIRB <sup>(2)</sup>	Standardized <sup>(1)</sup>	AIRB <sup>(2)</sup>
<b>Retail</b>						
Residential mortgage	327	5 960	293	6 480	296	5 707
Qualifying revolving retail	-	-	-	-	-	-
Other retail	2 095	306	2 051	303	2 164	304
	<b>2 422</b>	<b>6 266</b>	<b>2 344</b>	<b>6 783</b>	<b>2 460</b>	<b>6 011</b>
<b>Non-retail</b>						
Corporate	485	2 553	444	2 437	652	2 414
Sovereign	-	-	-	-	-	-
Financial Institutions	-	11	-	-	-	-
	<b>485</b>	<b>2 564</b>	<b>444</b>	<b>2 437</b>	<b>652</b>	<b>2 414</b>
<b>Trading book</b>	-	110	-	105	-	86
<b>Total</b>	<b>2 907</b>	<b>8 940</b>	<b>2 788</b>	<b>9 325</b>	<b>3 112</b>	<b>8 511</b>

(1) No eligible financial collateral.

(2) For exposures under the AIRB approach, eligible financial collateral is taken into account in the Bank's Loss Given Default (LGD) models. Separate disclosure of eligible financial collateral is, therefore, not required.



## Banking Book Equity

(unaudited)  
(millions of Canadian dollars)

	2015											
	Q3				Q2				Q1			
	Total exposures	Unfunded commitments	On balance sheet exposures at carrying value	Gross unrealized gains (losses)	Total exposures	Unfunded commitments	On balance sheet exposures at carrying value	Gross unrealized gains (losses)	Total exposures	Unfunded commitments	On balance sheet exposures at carrying value	Gross unrealized gains (losses)
Public	309	-	309	(10)	359	-	359	45	313	-	313	23
Private	269	34	235	39	274	30	244	21	276	30	246	20
	<b>578</b>	<b>34</b>	<b>544</b>	<b>29</b>	<b>633</b>	<b>30</b>	<b>603</b>	<b>66</b>	<b>589</b>	<b>30</b>	<b>559</b>	<b>43</b>

(unaudited)  
(millions of Canadian dollars)

	2014											
	Q4				Q3				Q2			
	Total exposures	Unfunded commitments	On balance sheet exposures at carrying value	Gross unrealized gains (losses)	Total exposures	Unfunded commitments	On balance sheet exposures at carrying value	Gross unrealized gains (losses)	Total exposures	Unfunded commitments	On balance sheet exposures at carrying value	Gross unrealized gains (losses)
Public	272	-	272	29	261	-	261	55	379	-	379	55
Private	206	35	171	25	208	35	173	23	202	38	164	18
	<b>478</b>	<b>35</b>	<b>443</b>	<b>54</b>	<b>469</b>	<b>35</b>	<b>434</b>	<b>78</b>	<b>581</b>	<b>38</b>	<b>543</b>	<b>73</b>

**Credit Derivative Positions (notional amounts)**

2015												
	Q3				Q2				Q1			
	Credit portfolio <sup>(1)</sup>		Trading		Credit portfolio <sup>(1)</sup>		Trading		Credit portfolio <sup>(1)</sup>		Trading	
	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold
(unaudited) (millions of Canadian dollars)												
Credit default swaps												
Indices, singles names and other	39	-	901	348	36	-	809	316	51	-	847	219
Tranches on indices	-	-	-	-	-	-	-	-	-	-	-	1
Total return swaps	-	-	183	-	-	-	72	-	-	-	30	-
Credit options	-	-	13	-	-	-	12	12	-	-	-	-

  

2014												
	Q4				Q3				Q2			
	Credit portfolio <sup>(1)</sup>		Trading		Credit portfolio <sup>(1)</sup>		Trading		Credit portfolio <sup>(1)</sup>		Trading	
	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold
(unaudited) (millions of Canadian dollars)												
Credit default swaps												
Indices, singles names and other	56	-	851	286	55	-	593	253	44	-	469	195
Tranches on indices	-	-	-	1	-	-	-	1	-	-	-	1
Total return swaps	-	-	33	6	-	-	40	7	-	-	10	7
Credit options	-	-	39	39	-	-	-	-	-	-	-	-

(1) Protection sold solely for the purpose of reducing protection purchased.





## Derivatives Financial Instruments According to Basel Definition

	2015			2014			
	Q3	Q2	Q1	Q4	Q3	Q2	Q1
(unaudited) (millions of Canadian dollars)							
<b>Under Basel III</b>							
<b>Foreign Exchange Related Contracts</b>							
Swaps	162 669	157 410	150 030	118 324	111 293	110 949	96 916
Options							
- <i>purchased</i>	7 946	6 932	5 780	4 528	4 639	4 754	3 550
- <i>sold</i>	8 441	7 299	6 663	4 947	4 370	5 014	4 073
Exchange traded and OTC futures contracts	25 699	21 758	22 398	17 983	14 181	14 564	14 308
Total notional amount	204 755	193 399	184 871	145 782	134 483	135 281	118 847
Replacement cost							
- <i>gross</i>	5 553	4 283	7 195	2 294	1 519	1 595	2 392
- <i>net</i> <sup>(1)</sup>	3 045	2 145	3 037	1 263	956	985	1 367
Future credit risk	1 653	1 927	1 455	2 000	1 792	1 697	1 430
Credit equivalent <sup>(2)</sup>	4 697	4 072	4 492	3 263	2 748	2 682	2 797
Risk-weighted equivalent <sup>(3)</sup>	1 390	1 174	1 407	1 012	967	915	966
<b>Interest Rate Related Contracts</b>							
Swaps	444 988	440 470	429 950	419 781	411 810	422 061	359 892
Options							
- <i>purchased</i>	42 558	61 582	54 989	16 859	35 751	16 333	8 325
- <i>sold</i>	39 293	37 712	61 376	16 204	36 847	22 604	8 460
Exchange traded and OTC futures contracts	12 315	4 819	7 093	7 097	21 203	14 544	27 783
Total notional amount	539 154	544 583	553 408	459 941	505 611	475 542	404 460
Replacement cost							
- <i>gross</i>	6 073	5 538	7 261	3 515	3 193	2 974	3 253
- <i>net</i> <sup>(1)</sup>	1 491	1 837	1 795	1 127	1 143	1 169	1 158
Future credit risk	1 753	1 804	1 683	2 142	2 302	2 269	2 027
Credit equivalent <sup>(2)</sup>	3 244	3 641	3 478	3 269	3 445	3 438	3 185
Risk-weighted equivalent <sup>(3)</sup>	981	948	1 052	893	996	920	933
<b>Financial Futures</b>							
Total notional amount	152 997	131 541	117 475	65 503	61 899	58 387	53 658
<b>Equity and Commodity Contracts</b>							
Total notional amount	43 574	39 527	40 224	43 691	44 559	42 829	40 039
Replacement cost							
- <i>gross</i>	3 101	2 557	3 342	2 372	1 971	1 965	2 045
- <i>net</i> <sup>(1)</sup>	2 803	2 189	2 939	1 977	1 648	1 681	1 794
Future credit risk	3 967	3 766	3 723	3 904	4 214	4 017	3 975
Credit equivalent <sup>(2)</sup>	6 770	5 956	6 662	5 881	5 862	5 698	5 770
Risk-weighted equivalent <sup>(3)</sup>	1 465	1 543	1 464	1 450	1 602	1 258	1 107
<b>Credit Derivatives</b>							
Total notional amount (trading only)	1 445	1 221	1 097	1 255	894	682	954
Total Return Swap Notional Amount <sup>(4)</sup>	23 497	22 149	20 896	19 830	18 545	17 602	16 693
Replacement cost							
- <i>gross</i>	81	78	65	74	97	84	110
- <i>net</i> <sup>(1)</sup>	30	31	40	29	18	15	15
Future credit risk	837	804	358	362	401	502	477
Credit equivalent <sup>(2)</sup>	867	835	398	391	419	517	492
Risk-weighted equivalent <sup>(3)</sup>	71	90	72	83	117	123	122
<b>Total Derivatives</b>							
Total notional amount	965 422	932 420	917 971	736 002	765 991	730 323	634 651
Replacement cost							
- <i>gross</i>	14 808	12 456	17 863	8 255	6 780	6 618	7 800
- <i>net</i> <sup>(1)</sup>	7 369	6 202	7 811	4 396	3 765	3 850	4 334
Future credit risk	8 210	8 301	7 219	8 408	8 709	8 485	7 909
Credit equivalent <sup>(2)</sup>	15 578	14 504	15 030	12 804	12 474	12 335	12 244
Risk-weighted equivalent <sup>(3)</sup>	3 907	3 755	3 995	3 438	3 682	3 216	3 128

(1) Net replacement cost is gross positive replacement cost with consideration of master netting agreements without consideration of collateral.

(2) Includes the impact of master netting agreements but excludes collateral.

(3) Risk weighted amounts reported are net of impact of collaterals and master netting agreements.

(4) Securitised exposure recognized for capital ratio but not for consolidated balance sheet purposes due to IFRS standards.

## Aggregate Amount of Securitization Exposures

	2015																		2014					
	Q3			Q2			Q1			Q4			Q3			Q2			Q1					
	Banking Book		Trading book	Banking Book		Trading book	Banking Book		Trading book	Banking Book		Trading book	Banking Book		Trading book	Banking Book		Trading book	Banking Book		Trading book			
(unaudited) (millions of Canadian dollars)	On balance sheet	Off balance sheet	On balance sheet	On balance sheet	Off balance sheet	On balance sheet	Off balance sheet	On balance sheet	Off balance sheet	On balance sheet	Off balance sheet	On balance sheet	Off balance sheet	On balance sheet	Off balance sheet	On balance sheet	Off balance sheet	On balance sheet	Off balance sheet	On balance sheet	Off balance sheet			
<b>Bank's own assets</b>																								
Traditional exposures																								
Insured Mortgage loans																								
Retained <sup>(1)</sup>	1 989	-	-	1 841	-	-	1 976	-	-	2 173	-	-	2 164	-	-	2 236	-	-	1 772	-	-			
Credit Cards																								
Retained <sup>(1)</sup>	156	312	-	193	385	-	192	359	-	203	376	-	203	376	-	190	353	-	165	312	-			
Purchased <sup>(2)</sup>	80	-	-	86	-	-	85	-	-	85	-	-	85	-	-	85	-	-	85	-	-			
<b>Total - Bank's own assets</b>	<b>2 225</b>	<b>312</b>	<b>-</b>	<b>2 120</b>	<b>385</b>	<b>-</b>	<b>2 253</b>	<b>359</b>	<b>-</b>	<b>2 461</b>	<b>376</b>	<b>-</b>	<b>2 452</b>	<b>376</b>	<b>-</b>	<b>2 511</b>	<b>353</b>	<b>-</b>	<b>2 022</b>	<b>312</b>	<b>-</b>			
<b>Third party assets</b>																								
Sponsored																								
Traditional exposures <sup>(3)</sup>																								
Residential Mortgages - Insured	-	1 360	27	-	1 237	27	-	1 405	21	-	1 488	21	-	1 428	2	-	1 494	16	-	1 621	16			
Residential Mortgages - conventional	-	354	7	-	276	6	-	244	4	-	244	3	-	177	-	-	46	-	-	18	-			
Fleet Lease Receivables	-	242	5	-	242	5	-	99	1	-	99	1	-	100	-	-	99	1	-	96	1			
Auto Floorplans	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Auto Loans	-	207	4	-	233	5	-	264	4	-	299	4	-	329	1	-	373	4	-	424	4			
Purchased																								
Traditional exposures																								
Insured Mortgage loans - MBS	4 500	-	1 153	4 446	-	1 038	3 971	-	834	3 599	-	1 212	3 550	-	1 132	3 251	-	1 085	3 074	-	738			
Credit Cards - ABS	86	-	107	86	-	81	-	-	78	-	-	63	-	-	83	-	-	51	-	-	88			
Home Equity - ABS	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	2	-	-	2			
Commercial mortgage back securities (CMBS)	14	-	-	61	-	3	61	-	3	14	-	5	14	-	4	-	-	16	-	-	13			
Collateralized debt obligation (CDO)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	-	3	-	-	3			
Collateralized mortgage obligation (CMO)	-	-	-	-	-	-	-	-	-	-	-	5	-	-	4	-	-	1	-	-	4			
Synthetic exposures																								
CDX tranches	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-			
Resecuritized exposures																								
Master Asset Vehicules <sup>(4)</sup>	531	-	-	1 028	821	-	1 056	825	-	1 088	831	-	1 120	835	-	1 138	844	-	1 264	873	-			
Commercial paper not included in the Pan-Canadian restructuring plan	105	-	-	103	-	-	101	-	-	101	-	-	103	-	-	103	-	-	98	-	-			
Collateralized mortgage obligation (CMO)	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	3	-	-	3			
<b>Total - Third party assets</b>	<b>5 236</b>	<b>2 163</b>	<b>1 303</b>	<b>5 724</b>	<b>2 809</b>	<b>1 165</b>	<b>5 189</b>	<b>2 837</b>	<b>946</b>	<b>4 802</b>	<b>2 961</b>	<b>1 320</b>	<b>4 787</b>	<b>2 869</b>	<b>1 234</b>	<b>4 492</b>	<b>2 856</b>	<b>1 182</b>	<b>4 436</b>	<b>3 032</b>	<b>872</b>			
<b>Total - Bank</b>	<b>7 461</b>	<b>2 475</b>	<b>1 303</b>	<b>7 844</b>	<b>3 194</b>	<b>1 165</b>	<b>7 442</b>	<b>3 196</b>	<b>946</b>	<b>7 263</b>	<b>3 337</b>	<b>1 320</b>	<b>7 239</b>	<b>3 245</b>	<b>1 234</b>	<b>7 003</b>	<b>3 209</b>	<b>1 182</b>	<b>6 458</b>	<b>3 344</b>	<b>872</b>			

(1) The Retained exposures for insured mortgage loans and credit card receivables are treated under the AIRB Framework as if they remained on the Bank's balance sheet.

(2) The credit card receivable purchased held from Bank's own assets securitization represent the Bank's interest in investment grade subordinated notes issued.

(3) Sponsored Traditional exposures comprise Bank's committed amount to the Fusion Trust and Clarity Trust liquidity facility lines as well as the Bank's purchased note of Fusion Trust and Clarity Trust.

(4) Resecuritized exposures comprise the carrying value of the restructured notes held by the Bank and the Bank's committed amount to the margin funding facility related to the MAV.

**Capital Requirements for Securitization Exposures Under Securitization Framework**

(unaudited) (millions of Canadian dollars)	2015																	
	Q3						Q2						Q1					
	On balance sheet		Banking Book Off balance sheet		Trading book On balance sheet		On balance sheet		Banking Book Off balance sheet		Trading book On balance sheet		On balance sheet		Banking Book Off balance sheet		Trading book On balance sheet	
	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets
<b>Bank's own assets<sup>(1)</sup></b>																		
Credit Cards																		
Seller's interest exposure <sup>(2)</sup>	156	100	312	46	-	-	193	126	385	57	-	-	192	130	359	49	-	-
Purchased	86	38	-	-	-	-	86	38	-	-	-	-	85	38	-	-	-	-
<b>Total - Bank's own assets</b>	<b>242</b>	<b>138</b>	<b>312</b>	<b>46</b>	<b>-</b>	<b>-</b>	<b>279</b>	<b>164</b>	<b>385</b>	<b>57</b>	<b>-</b>	<b>-</b>	<b>277</b>	<b>168</b>	<b>359</b>	<b>49</b>	<b>-</b>	<b>-</b>
<b>Third party assets</b>																		
<b>Securitized</b>																		
7% - 30%	61	11	2 163	151	107	66	109	15	1 989	141	81	154	61	5	2 012	144	78	60
35% - 100%	39	29	-	-	-	-	38	28	-	-	-	-	-	-	-	-	-	-
150% - 850%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1250 %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Home Equity - ABS	-	-	-	-	-	-	-	-	-	-	3	41	-	-	-	-	-	-
Collateralized mortgage obligation (CMO)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	41
<b>Resecuritized</b>																		
7% - 30%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35% - 100%	501	226	-	-	-	-	1 010	430	820	328	-	-	924	505	825	330	-	-
150% - 850%	104	274	-	-	-	-	84	178	-	-	-	-	170	486	-	-	-	-
1250 %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master Asset Vehicles	5	64	-	-	-	-	37	462	-	-	-	-	63	784	-	-	-	-
Commercial paper not included in the Pan-Canadian restructuring plan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Collateralized mortgage obligation (CMO)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total - Third party assets</b>	<b>710</b>	<b>604</b>	<b>2 163</b>	<b>151</b>	<b>107</b>	<b>66</b>	<b>1 278</b>	<b>1 113</b>	<b>2 809</b>	<b>469</b>	<b>84</b>	<b>195</b>	<b>1 218</b>	<b>1 780</b>	<b>2 837</b>	<b>474</b>	<b>81</b>	<b>101</b>
<b>Total</b>	<b>952</b>	<b>742</b>	<b>2 475</b>	<b>197</b>	<b>107</b>	<b>66</b>	<b>1 557</b>	<b>1 277</b>	<b>3 194</b>	<b>526</b>	<b>84</b>	<b>195</b>	<b>1 495</b>	<b>1 948</b>	<b>3 196</b>	<b>523</b>	<b>81</b>	<b>101</b>

(unaudited) (millions of Canadian dollars)	2014																	
	Q4						Q3						Q2					
	On balance sheet		Banking Book Off balance sheet		Trading book On balance sheet		On balance sheet		Banking Book Off balance sheet		Trading book On balance sheet		On balance sheet		Banking Book Off balance sheet		Trading book On balance sheet	
	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets	Inferred Ratings Exposure Amount	Risk- Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk- Weighted Assets
<b>Bank's own assets<sup>(1)</sup></b>																		
Credit Cards																		
Seller's interest exposure <sup>(2)</sup>	203	135	376	51	-	-	203	138	376	54	-	-	190	131	353	50	-	-
<b>Total - Bank's own assets</b>	<b>203</b>	<b>135</b>	<b>376</b>	<b>51</b>	<b>-</b>	<b>-</b>	<b>203</b>	<b>138</b>	<b>376</b>	<b>54</b>	<b>-</b>	<b>-</b>	<b>190</b>	<b>131</b>	<b>353</b>	<b>50</b>	<b>-</b>	<b>-</b>
<b>Third party assets</b>																		
<b>Securitized</b>																		
7% - 30%	14	2	2 130	151	63	44	14	2	2 034	144	85	59	-	-	2 012	145	53	36
35% - 100%	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
150% - 850%	-	-	-	-	-	1	-	-	-	-	1	3	-	-	-	-	1	5
1250 %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Home Equity - ABS	-	-	-	-	2	19	-	-	-	-	2	24	-	-	-	-	2	20
Collateralized mortgage obligation (CMO)	-	-	-	-	5	57	-	-	-	-	4	47	-	-	-	-	4	51
Others	-	-	-	-	4	51	-	-	-	-	4	47	-	-	-	-	10	127
<b>Resecuritized</b>																		
7% - 30%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35% - 100%	966	526	831	324	-	-	998	538	835	325	-	-	1 033	564	844	338	-	-
150% - 850%	168	479	-	-	-	-	168	477	-	-	-	-	166	495	-	-	-	-
1250 %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master Asset Vehicles	55	691	-	-	-	-	57	715	-	-	-	-	42	526	-	-	-	-
Commercial paper not included in the Pan-Canadian restructuring plan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Collateralized mortgage obligation (CMO)	-	-	-	-	2	29	-	-	-	-	2	26	-	-	-	-	3	39
<b>Total - Third party assets</b>	<b>1 203</b>	<b>1 698</b>	<b>2 961</b>	<b>475</b>	<b>76</b>	<b>201</b>	<b>1 237</b>	<b>1 732</b>	<b>2 869</b>	<b>469</b>	<b>99</b>	<b>206</b>	<b>1 241</b>	<b>1 585</b>	<b>2 856</b>	<b>483</b>	<b>73</b>	<b>278</b>
<b>Total</b>	<b>1 406</b>	<b>1 833</b>	<b>3 337</b>	<b>526</b>	<b>76</b>	<b>201</b>	<b>1 440</b>	<b>1 870</b>	<b>3 245</b>	<b>523</b>	<b>99</b>	<b>206</b>	<b>1 431</b>	<b>1 716</b>	<b>3 209</b>	<b>533</b>	<b>73</b>	<b>278</b>

(1) Since inception, no capital has been assessed for the Bank's early amortization provisions associated with the securitized credit cards portfolio because the excess spread of the underlying portfolio has remained above the threshold for which capital charge would be incurred.

(2) Seller's interest exposure are treated under AIRB Approach.

## Asset Securitization - Managed Loans

		2015														
		Q3					Q2					Q1				
		Total gross loans <sup>(1)</sup>	Gross impaired loans and other past due loans <sup>(2)</sup>	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized	Total gross loans <sup>(1)</sup>	Gross impaired loans and other past due loans <sup>(2)</sup>	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized	Total gross loans <sup>(1)</sup>	Gross impaired loans and other past due loans <sup>(2)</sup>	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized
(unaudited) (millions of Canadian dollars)																
<b>Banking Book</b>																
Insured mortgage loans		13 478	-	-	1 544	-	13 686	-	-	1 477	-	13 405	-	-	1 220	-
Credit card receivables		1 355	8	13	500	-	1 411	9	15	-	-	1 365	9	10	-	-
<b>Total</b>		14 833	8	13	2 044	-	15 097	9	15	1 477	-	14 770	9	10	1 220	-
<b>Trading Book</b>																
Insured mortgage loans		3 038	-	-	279	810	2 815	-	-	185	318	2 680	-	-	330	282

		2014														
		Q4					Q3					Q2				
		Total gross loans <sup>(1)</sup>	Gross impaired loans and other past due loans <sup>(2)</sup>	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized	Total gross loans <sup>(1)</sup>	Gross impaired loans and other past due loans <sup>(2)</sup>	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized	Total gross loans <sup>(1)</sup>	Gross impaired loans and other past due loans <sup>(2)</sup>	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized
(unaudited) (millions of Canadian dollars)																
<b>Banking Book</b>																
Insured mortgage loans		13 102	-	-	1 512	-	12 628	-	-	1 540	-	12 455	-	-	1 162	-
Credit card receivables		1 365	5	13	-	-	1 365	5	12	-	-	1 365	6	15	-	-
<b>Total</b>		14 467	5	13	1 512	-	13 993	5	12	1 540	-	13 820	6	15	1 162	-
<b>Trading Book</b>																
Insured mortgage loans		2 398	-	-	266	242	2 214	-	-	339	202	1 921	-	-	231	200

(1) Notional amount.

(2) Comprises impaired loans and fully secured loans that are 90 days or more past due and for which, in the opinion of management, there is reasonable assurance that principal and interest will ultimately be collected.

Credit card receivables are not classified as impaired loans but, instead, are written off when payments are 180 days in arrears.



## GLOSSARY

<b>Advanced Internal Ratings-Based (AIRB) approach</b>	See risk-weighted assets below.
<b>Banking Book Equities</b>	Banking book equities comprise mainly exposures held for strategic and other reasons.
<b>Capital Ratio</b>	The Bank's capital divided by risk-weighted assets. The Bank's capital can be either CET1 Capital, Tier 1 capital or Total capital, producing three different capital ratios.
<b>Common Equity Tier 1 (CET1) capital</b>	Common Equity Tier 1 capital consists of common shareholders' equity less goodwill, intangible assets and other capital deductions. Common Equity Tier 1 capital ratio is calculated by dividing Common Equity Tier 1 capital by risk-weighted assets.
<b>Corporate</b>	All direct credit risk exposures to corporations, partnerships and proprietorships, exposures guaranteed by those entities.
<b>Credit Risk</b>	Credit risk is the risk of a financial loss if an obligor does not fully honour its contractual commitments to the Bank. Obligors may be borrowers, issuers, counterparties or guarantors. Credit risk is the most significant risk facing the Bank in the normal course of business. The Bank is exposed to credit risk not only through its direct lending activities and transactions but also through commitments to extend credit, letters of guarantee, letters of credit, over-the-counter derivatives trading, available-for-sale debt securities, securities purchased under reverse repurchase agreements, deposits with financial institutions, brokerage activities and transactions carrying a settlement risk for the Bank such as irrevocable fund transfers to third parties via electronic payment systems.
<b>Drawn exposure</b>	The amount of credit risk exposure resulting from loans already advanced to the customer.
<b>Exposure at default (EAD)</b>	An estimate of the amount of exposure to a customer at the event of, and at the time of, default.
<b>Financial institutions</b>	All direct credit risk exposures to deposit-taking institutions and regulated securities firms, and exposures guaranteed by those entities.
<b>Leverage ratio</b>	The leverage ratio is calculated by dividing the amount of Tier 1 capital by the total exposure. Total exposure is defined as the sum of on-balance-sheet assets (including derivative exposures and securities financing transaction exposures) and off-balance-sheet items. Assets deducted from Tier 1 capital are also deducted from the total exposure.
<b>Loss given default (LGD)</b>	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.
<b>Market risk</b>	Market risk is the risk of financial loss resulting from adverse movements in underlying market factors. Market risk at the Bank arises from its participation in market-making, trading, investment and asset/liability management activities.
<b>Operational risk</b>	Operational risk is the risk of loss resulting from an inadequacy or a failure ascribable to people, processes, technology or external events. Operational risks are present in every activity of the Bank. Theft, fraud, unauthorized transactions, system errors, human error, amendments to or misinterpretation of acts and regulations, litigation or disputes with clients or property damage are just a few examples of events likely to cause financial loss, harm the Bank's reputation or result in regulatory penalties or sanctions.
<b>Other off-balance sheet</b>	Letters of guarantee, documentary letters of credit and securitized assets that represent the Bank's commitment to make payments in the event that a client cannot meet its financial obligations to third parties.
<b>Other retail</b>	This exposure class includes consumer loans, SME credit card receivables, SME loans (excluding mortgages of five units or more), and other personal loans.
<b>Over-the-counter derivatives (OTC)</b>	The amount of credit risk exposure resulting from derivatives that trade directly between two counterparties, rather than through exchanges.
<b>Probability of default (PD)</b>	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.
<b>Qualifying revolving retail (QRR)</b>	This exposure class includes lines of credit and credit card receivables.
<b>Repo-style transactions</b>	Financial obligations related to securities sold (repos) or repurchased (reverse repos) pursuant to an agreement under which the securities will be repurchased (repos) or resold (reverse repos) on a specified date and at a specified price. Such an agreement is a form of short-term funding (repos) or collateralized lending (reverse repos). Repo-style transactions also include loaned and borrowed securities that are off-balance sheet.
<b>Retail Residential Mortgage</b>	This exposure class includes loans to individuals against residential property (four units or less) and lines of credit secured by equity in residential property (HELOC).
<b>Risk-weighted assets (RWA)</b>	Assets are risk weighted according to the guidelines established by the Office of the Superintendent of Financial Institutions. In the standardized calculation approach, factors are applied to the face value of certain assets in order to reflect comparable risk levels. In the advanced approach, risk-weighted assets are derived from the Bank's internal models which represents the Bank's own assessment of the risks it incurs. Off-balance sheet instruments are converted to balance sheet (or credit) equivalents by adjusting the notional values before applying the appropriate risk-weighting factors.
<b>Scaling Factor</b>	An add-on of 6% is applied as a calibration adjustment to the risk weighted assets amount for credit risk assessed under the AIRB approach.
<b>Sovereign</b>	All direct credit risk exposures to governments, central banks and certain public sector entities, and exposures guaranteed by those entities.
<b>Standardized approach</b>	See risk-weighted assets.
<b>Tier 1 capital</b>	Tier 1 capital ratio consists of Common Equity Tier 1 capital and Additional Tier 1 instruments, namely, eligible non-cumulative preferred shares and the eligible amount of innovative instruments. Tier 1 capital ratio is calculated by dividing Tier 1 capital by risk-weighted assets.
<b>Tier 2 capital</b>	Tier 2 capital is mainly comprised of subordinated debentures and the collective allowance.
<b>Total capital</b>	Total capital is the sum of Tier 1 and Tier 2 capital. Total capital ratio is calculated by dividing total capital, less adjustments or regulatory deductions, by risk-weighted assets.
<b>Undrawn commitments</b>	The amount of credit risk exposure resulting from loans that have not been advanced to a customer, but which a customer may be entitled to draw in the future.