



## SUPPLEMENTARY REGULATORY CAPITAL DISCLOSURE

**Fourth Quarter 2014**

(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 2014 and also in the document entitled *Supplementary Financial Information* which is available on the Bank's website at [nbc.ca](http://nbc.ca).
- 3) 2013 Regulatory Capital Disclosure was not changed by implementation of new accountings standards.



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

		2014				2013	
		Q4	Q3	Q2	Q1	Q4	
(unaudited) (millions of Canadian dollars)		Reference <sup>(2)</sup>	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'	2,345	2,313	2,274	2,246	2,218
2	Retained earnings	b	5,850	5,660	5,471	5,277	5,034
3	Accumulated other comprehensive income and other reserves	c	289	300	260	218	214
6	<b>Common Equity Tier 1 capital before regulatory adjustments</b>		<b>8,484</b>	<b>8,273</b>	<b>8,005</b>	<b>7,741</b>	<b>7,466</b>
<b>Regulatory adjustments to Common Equity Tier 1 capital</b>							
7	Prudential valuation adjustments		-	-	-	-	-
8	Goodwill (net of related tax liability)	e	1,397	1,271	1,272	1,272	1,064
9	Intangible assets other than mortgage-servicing rights	f - x	877	916	906	889	816
11	Accumulated other comprehensive income related to cash flow hedges	h	123	88	46	36	47
12	Shortfall of total provisions to expected losses	i	-	-	-	-	7
14	Gains (losses) due to changes in own credit risk on fair valued liabilities	j	9	18	12	24	21
15	Defined benefit pension plan assets (net of related tax liability)	k - y	93	61	110	60	40
16	Investments in own shares (if not already netted off contributed surplus on reported balance sheet)		-	1	6	5	11
22	Amount exceeding the 15% threshold		-	42	67	93	84
23	of which: significant investments in the common stock of financials	n	-	23	37	52	47
25	of which: deferred tax assets arising from temporary differences	o	-	19	30	41	37
26	Other deductions or regulatory adjustments to CET1 as determined by OSFI (including regulatory adjustments in respect of own use property)		-	-	26	26	26
28	<b>Total regulatory adjustments to Common equity Tier 1</b>		<b>2,499</b>	<b>2,397</b>	<b>2,445</b>	<b>2,405</b>	<b>2,116</b>
29	<b>Common Equity Tier 1 capital (CET1)</b>		<b>5,985</b>	<b>5,876</b>	<b>5,560</b>	<b>5,336</b>	<b>5,350</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	350	350	-	-
31	of which: classified as equity under applicable accounting standards	v + z	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	1,548	1,548	1,549	1,652
36	<b>Additional Tier 1 capital before regulatory adjustments</b>		<b>1,998</b>	<b>1,898</b>	<b>1,898</b>	<b>1,549</b>	<b>1,652</b>
<b>Additional Tier 1 capital: regulatory adjustments</b>							
43	<b>Total regulatory adjustments to Additional Tier 1 capital</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
44	<b>Additional Tier 1 capital (AT1)</b>		<b>1,998</b>	<b>1,898</b>	<b>1,898</b>	<b>1,549</b>	<b>1,652</b>
45	<b>Tier 1 capital (T1 = CET1 + AT1)</b>		<b>7,983</b>	<b>7,774</b>	<b>7,458</b>	<b>6,885</b>	<b>7,002</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'	1,858	1,858	1,865	1,868	2,144
50	Collective allowances	t	27	18	43	36	40
51	<b>Tier 2 capital before regulatory adjustments</b>		<b>1,885</b>	<b>1,876</b>	<b>1,908</b>	<b>1,904</b>	<b>2,184</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>
58	<b>Tier 2 capital (T2)</b>		<b>1,885</b>	<b>1,876</b>	<b>1,908</b>	<b>1,904</b>	<b>2,184</b>
59	<b>Total capital (TC = T1 + T2)</b>		<b>9,868</b>	<b>9,650</b>	<b>9,366</b>	<b>8,789</b>	<b>9,186</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 6.

(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)

		2014				2013
		Q4	Q3	Q2	Q1	Q4
(unaudited) (millions of Canadian dollars)		<b>All-in basis</b>				
60a	Common Equity Tier 1 Capital RWA (CET1)	64,818	64,703	64,235	64,627	61,251
60b	Tier 1 Capital RWA	65,074	64,972			
60c	Total capital RWA	65,459	65,375			
<b>Capital ratios</b>						
61	Common Equity Tier 1 (as a percentage of risk weighted assets)	9.2%	9.1%	8.7%	8.3%	8.7%
62	Tier 1 (as a percentage of risk weighted assets) <sup>(2)</sup>	12.3%	12.0%	11.6%	10.7%	11.4%
63	Total capital (as a percentage of risk weighted assets) <sup>(2)</sup>	15.1%	14.8%	14.6%	13.6%	15.0%
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%
65	of which: capital conservation buffer requirement	2.5%	2.5%	2.5%	2.5%	2.5%
67a	of which: D-SIBs buffer requirement	na	na	na	na	na
68	Common Equity Tier 1 available to meet buffers (as a percentage of risk weighted assets)	9.2%	9.1%	8.7%	8.3%	8.7%
<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%
70	Tier 1 capital all-in target ratio <sup>(1)</sup>	8.5%	8.5%	8.5%	8.5%	na
71	Total capital all-in target ratio <sup>(1)</sup>	10.5%	10.5%	10.5%	10.5%	na
<b>Amounts below the thresholds for deduction (before risk weighting)</b>						
72	Non-significant investments in the capital of other financial institutions	224	220	233	195	157
73	Significant investments in the common stock of financial institutions	390	510	497	504	447
75	Deferred tax assets arising from temporary differences (net of related tax liabilities)	418	413	405	390	355
<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)	7	11	33	35	40
77	Cap on inclusion of allowance in Tier 2 under standardised approach	53	60	55	59	64
78	Allowance eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)	20	7	10	1	-
79	Cap on inclusion of allowance in Tier 2 under internal ratings-based approach	300	295	284	284	266
<b>Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2018 and 1 Jan 2022)</b>						
82	Current cap on AT1 instruments subject to phase out arrangements	1,549	1,549	1,549	1,549	1,651
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	1,905	1,905	1,905	1,905	2,144
85	Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	-	-	-	-	252
<b>Transitional Capital Disclosure Template</b>		Transitional basis				
29	Common Equity Tier 1 capital (CET1)	7,886	7,724	7,462	7,214	7,399
45	Tier 1 capital (T1 = CET1 + AT1)	8,763	8,596	8,321	7,727	7,957
59	Total capital (TC = T1 + T2)	10,648	10,465	10,217	9,613	10,117
60	Total risk weighted assets	66,972	66,958	65,101	65,453	62,182
61	Common Equity Tier 1 (as a percentage of risk weighted assets)	11.78%	11.54%	11.46%	11.02%	11.90%
62	Tier 1 (as a percentage of risk weighted assets)	13.09%	12.84%	12.78%	11.81%	12.80%
63	Total capital (as a percentage of risk weighted assets)	15.90%	15.63%	15.69%	14.69%	16.27%

(1) 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.

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



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

Q4 2014					
(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		8,086	-	8,086	
Securities		52,953	2,045	54,998	
Assets purchased under reverse repurchase agreements and securities borrowed		24,525	-	24,525	
<b>Loans</b>					
Residential mortgage		39,300	(15,757)	23,543	
Personal and credit card		29,996	(1,365)	28,631	
Business and government		28,551	-	28,551	
Customers' liability under acceptances		8,926	-	8,926	
Less: Allowances for credit losses		(604)	-	(604)	
Collective allowances reflected in Tier 2 regulatory capital	t				(27)
Shortfall of allowances to expected loss	i				-
Allowances not reflected in regulatory capital					(577)
<b>Other assets</b>					
Derivative financial instruments		7,092	-	7,092	
Other		6,604	(47)	6,557	
Goodwill	e				1,397
Intangibles assets	f				998
<b>Deferred tax assets</b>					
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					418
Defined-benefit pension fund net assets	k				128
<b>Significant investments in other financial institutions</b>					
Significant investments exceeding regulatory thresholds	m + n				390
Significant investments not exceeding regulatory thresholds					-
Other					390
<b>Total assets</b>		<b>205,429</b>	<b>(15,124)</b>	<b>190,305</b>	
<b>Liabilities</b>					
Deposits		119,883	(225)	119,658	
Derivatives financial instruments		5,721	-	5,721	
Other liabilities		67,442	(15,124)	52,318	
Gains and losses due to changes in own credit risk on fair value liabilities	j				9
<b>Deferred tax liabilities</b>					
Related to goodwill	w				-
Related to intangibles	x				122
Related to pensions	y				34
Other deferred tax liabilities					6
Other					52,147
Subordinated debt		1,881	-	1,881	
Regulatory capital amortization of maturing debentures					-
Fair value adjustment and unamortized issuance cost					23
<b>Subordinated debentures used for regulatory capital</b>					
Allowed for inclusion in Tier 2 capital	r				-
Subject to phase out	r'				1,858
Excluded from Tier 2 capital due to cap					-
<b>Total liabilities</b>		<b>194,927</b>	<b>(15,349)</b>	<b>179,578</b>	
<b>Equity Attributable to Shareholders</b>					
Common shares	a	9,707	-	9,707	
Contributed surplus	a'				2,293
Retained Earnings	b				52
<b>Accumulated Other Comprehensive Income (loss)</b>					
Net gains (losses) on instruments designated as cash flow hedges	c				5,850
Net foreign currency translation adjustments	h				289
<b>Preferred shares</b>					
Allowed for inclusion in additional Tier 1 capital	v				123
Subject to phase out	v'				167
Ineligible additional Tier 1 capital <sup>(5)</sup>					1,223
Excluded from additional Tier 1 capital due to cap					650
Non-controlling interests		795	225	1,020	373
<b>Innovative instruments</b>					
Allowed for inclusion in additional Tier 1 capital					200
Subject to phase out	p'				-
Excluded from additional Tier 1 capital due to cap					975
Other					-
Portion allowed for inclusion into CET1	d				45
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>10,502</b>	<b>225</b>	<b>10,727</b>	
<b>Total Liabilities and Equity</b>		<b>205,429</b>	<b>(15,124)</b>	<b>190,305</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 \$160 millions and \$20 millions respectively.

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

(5) Due to redemption of Series 16 preferred shares on November 15, 2014.

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

	2014						2013			
	Q4					Capital requirement <sup>(2)</sup>	Q3	Q2	Q1	Q4
	Exposure at default	Risk-weighted assets					Risk-weighted assets			
(unaudited) (millions of Canadian dollars)	Standardized	AIRB Approach	Other	Total						
<b>Credit risk</b>										
Retail										
Residential mortgages	40,850	71	4,548	-	4,619	370	4,483	4,521	4,554	4,565
Qualitying revolving retail	5,027	-	1,022	-	1,022	82	1,012	1,408	1,374	1,440
Other retail	12,280	538	4,504	-	5,042	403	4,951	5,338	5,157	5,625
Non-retail										
Corporate	49,666	2,452	20,982	-	23,434	1,875	23,064	22,378	22,075	22,174
Sovereign	23,609	-	529	-	529	42	486	462	439	418
Financial institutions	3,222	278	752	-	1,030	82	979	984	1,086	743
Banking book equity <sup>(3)</sup>	478	-	478	-	478	38	469	581	445	437
Securitization	4,145	-	2,173	-	2,173	174	2,200	2,066	2,296	2,269
Other assets	23,230	-	-	5,047	5,047	404	5,004	4,869	4,672	4,337
<b>Counterparty credit risk</b>										
Corporate	5,288	32	80	-	112	9	361	162	217	229
Sovereign	12,369	-	9	-	9	1	9	8	12	10
Financial institutions	53,751	-	1,827	-	1,827	146	1,893	2,132	2,820	2,425
Trading book	9,981	205	3,070	-	3,275	262	3,448	3,009	2,941	2,524
Credit valuation adjustment charge <sup>(4)</sup>	-	1,828	-	-	1,828	146	1,914	1,607	1,625	-
Regulatory scaling factor		-	2,357	-	2,357	189	2,313	2,319	2,317	2,255
<b>Total - Credit risk</b>	<b>243,896</b>	<b>5,404</b>	<b>42,331</b>	<b>5,047</b>	<b>52,782</b>	<b>4,223</b>	<b>52,586</b>	<b>51,844</b>	<b>52,030</b>	<b>49,451</b>
<b>Market risk</b>										
VaR		-	860	-	860	69	780	818	903	775
Stressed VaR		-	1,218	-	1,218	97	1,351	1,783	1,831	1,109
Interest-rate specific risk		1,239	-	-	1,239	99	1,310	1,287	1,376	1,498
<b>Total - Market risk</b>		<b>1,239</b>	<b>2,078</b>	<b>-</b>	<b>3,317</b>	<b>265</b>	<b>3,441</b>	<b>3,888</b>	<b>4,110</b>	<b>3,382</b>
<b>Operational risk</b>		<b>8,719</b>	<b>-</b>	<b>-</b>	<b>8,719</b>	<b>698</b>	<b>8,676</b>	<b>8,503</b>	<b>8,487</b>	<b>8,418</b>
<b>Total</b>	<b>243,896</b>	<b>15,362</b>	<b>44,409</b>	<b>5,047</b>	<b>64,818</b>	<b>5,186</b>	<b>64,703</b>	<b>64,235</b>	<b>64,627</b>	<b>61,251</b>
<b>Capital ratio</b>										
Capital ratios under Basel III										
Common Equity Tier 1 (CET1)					9.2%		9.1%	8.7%	8.3%	8.7%
Tier 1 <sup>(5)</sup>					12.3%		12.0%	11.6%	10.7%	11.4%
Total <sup>(5)</sup>					15.1%		14.8%	14.6%	13.6%	15.0%
Assets-to-capital multiple					19.0		18.8	18.8	20.0	18.4

(1) Figures are presented in an "all-in" basis, and the October 31, 2013 figures have not been adjusted to reflect changes in accounting standards.

(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.



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

2014						
	Q4		Q3	Q2	Q1	
(unaudited) (millions of Canadian dollars)	Non-counterparty credit risk	Counterparty credit risk <sup>(2)</sup>	Total	Total	Total	Total
<b>Credit risk – Risk-weighted assets at beginning</b>	44,961	7,625	<b>52,586</b>	51,844	52,030	49,451
Book size	1,063	(88)	<b>975</b>	1,082	(141)	1,209
Book quality	(5)	(524)	<b>(529)</b>	297	(120)	(697)
Model updates	(398)	(35)	<b>(433)</b>	(672)	–	–
Methodology and policy	–	–	–	–	–	1,625
Acquisitions and disposals	–	–	–	–	–	–
Foreign exchange movements	110	73	<b>183</b>	35	75	442
<b>Credit risk – Risk-weighted assets at end</b>	<b>45,731</b>	<b>7,051</b>	<b>52,782</b>	52,586	51,844	52,030
<b>Market risk – Risk-weighted assets at beginning</b>			<b>3,441</b>	3,888	4,110	3,382
Movement in risk levels <sup>(3)</sup>			<b>(124)</b>	(447)	(222)	728
Model updates			–	–	–	–
Methodology and policy			–	–	–	–
Acquisitions and disposals			–	–	–	–
<b>Market risk – Risk-weighted assets at end</b>			<b>3,317</b>	3,441	3,888	4,110
<b>Operational risk – Risk-weighted assets at beginning</b>			<b>8,676</b>	8,503	8,487	8,418
Movement in risk levels			<b>43</b>	173	16	69
Acquisitions and disposals			–	–	–	–
<b>Operational risk – Risk-weighted assets at end</b>			<b>8,719</b>	8,676	8,503	8,487
<b>Risk-weighted assets at end</b>			<b>64,818</b>	64,703	64,235	64,627

(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.





## Consolidated Balance Sheet Cross Reference to Credit Risk Exposures

(unaudited) (millions of Canadian dollars)	Q4 2014							
	Exposures subject to credit risk capital					Other exposures		Total
	Drawn		Other exposures			Subject to market risk capital	All other <sup>(1)</sup>	
	Non-retail	Retail	Securitization	Repo-style transactions	Derivatives			
<b>Assets</b>								
Cash and deposits with financial institutions <sup>(2)</sup>	7,420	-	-	-	-	-	666	<b>8,086</b>
Securities								
At fair value through profit or loss	2,178	-	1,165	-	-	39,857	-	<b>43,200</b>
Available-for-sale	9,550	-	70	-	-	-	133	<b>9,753</b>
	<b>11,728</b>	<b>-</b>	<b>1,235</b>	<b>-</b>	<b>-</b>	<b>39,857</b>	<b>133</b>	<b>52,953</b>
Securities purchased under reverse repurchase agreements and securities borrowed	-	-	-	24,525	-	-	-	<b>24,525</b>
Loans								
Residential mortgage <sup>(3)</sup>	20,499	18,801	-	-	-	-	-	<b>39,300</b>
Personal and credit card	-	28,631	1,365	-	-	-	-	<b>29,996</b>
Business and government	26,740	1,811	-	-	-	-	-	<b>28,551</b>
	<b>47,239</b>	<b>49,243</b>	<b>1,365</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>97,847</b>
Customers' liability under acceptances	8,926	-	-	-	-	-	-	<b>8,926</b>
Allowance for credit losses	(192)	(23)	-	-	-	-	(389)	<b>(604)</b>
	<b>55,973</b>	<b>49,220</b>	<b>1,365</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(389)</b>	<b>106,169</b>
Other								
Derivative financial instruments <sup>(2)</sup>	-	-	-	-	7,092	-	-	<b>7,092</b>
Due from clients, dealers and brokers	-	-	-	-	-	-	861	<b>861</b>
Investments in associates and joint ventures	-	-	-	-	-	-	697	<b>697</b>
Premises and equipment	-	-	-	-	-	-	380	<b>380</b>
Goodwill	-	-	-	-	-	-	1,272	<b>1,272</b>
Intangible assets	-	-	-	-	-	-	998	<b>998</b>
Other assets	-	-	-	-	-	-	2,396	<b>2,396</b>
	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,092</b>	<b>-</b>	<b>6,604</b>	<b>13,696</b>
	<b>75,121</b>	<b>49,220</b>	<b>2,600</b>	<b>24,525</b>	<b>7,092</b>	<b>39,857</b>	<b>7,014</b>	<b>205,429</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>

2014								
(unaudited) (millions of Canadian dollars)								
Q4								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
<b>Retail</b>								
Residential mortgages	-	-	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

(unaudited) (millions of Canadian dollars)								
Q3								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
<b>Retail</b>								
Residential mortgages	-	-	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

(unaudited) (millions of Canadian dollars)								
Q2								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
<b>Retail</b>								
Residential mortgages	-	-	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

(unaudited) (millions of Canadian dollars)								
Q1								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
<b>Retail</b>								
Residential mortgages	-	-	457	-	26	-	-	483
Other retail	-	-	-	-	2,560	-	-	2,560
	-	-	457	-	2,586	-	-	3,043
<b>Non-Retail</b>								
Corporate	-	-	-	-	-	5,488	20	5,508
Sovereign	177	-	-	-	-	-	-	177
Financial Institutions	-	322	-	-	-	208	-	530
	177	322	-	-	-	5,696	20	6,215
<b>Trading</b>	-	-	-	-	-	749	-	749
<b>Total</b>	177	322	457	-	2,586	6,445	20	10,007

2013								
(unaudited) (millions of Canadian dollars)								
Q4								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
<b>Retail</b>								
Residential mortgages	-	-	399	-	27	-	-	426
Other retail	-	-	-	-	2,429	-	-	2,429
	-	-	399	-	2,456	-	-	2,855
<b>Non-Retail</b>								
Corporate	-	-	-	-	-	5,461	20	5,481
Sovereign	202	-	-	-	-	-	-	202
Financial Institutions	-	226	-	-	-	99	-	325
	202	226	-	-	-	5,560	20	6,008
<b>Trading</b>	-	-	-	-	-	806	-	806
<b>Total</b>	202	226	399	-	2,456	6,366	20	9,669

(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.

## Gross Credit Risk Exposure Under the Basel Asset Categories<sup>(1)</sup>

(unaudited) (millions of Canadian dollars)	2014																	
	Q4						Q3						Q2					
	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	Other off-balance sheet items	Total	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	Other off-balance sheet items	Total	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	Other off-balance sheet items	Total
<b>Retail</b>																		
Residential mortgages	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	-	-	-	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>-</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
<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>

Standardized Approach	6,228	284	2,468	509	599	10,088	5,628	324	4,741	621	1,003	12,317	5,770	329	3,743	613	981	11,436
AIRB Approach	101,054	25,085	68,236	10,175	5,550	210,100	97,879	24,268	64,659	10,109	4,951	201,866	96,795	23,088	61,424	10,081	4,973	196,361
<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>																		
Standardized Approach	-	-	(2,440)	(301)	-	(2,741)	-	-	(4,483)	(209)	-	(4,692)	-	-	(3,636)	(282)	-	(3,918)
AIRB Approach <sup>(2)</sup>	-	-	(60,245)	-	-	(60,245)	-	-	(57,712)	-	-	(57,712)	-	-	(54,645)	-	-	(54,645)
<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>

(unaudited) (millions of Canadian dollars)	2014							2013													
	Q1							Q4							Q3						
	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	Other off-balance sheet items	Total	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	Other off-balance sheet items	Total	Drawn	Undrawn commitments	Repo-style transactions	OTC derivatives	Other off-balance sheet items	Total			
<b>Retail</b>																					
Residential mortgages	34,010	4,939	-	-	-	38,949	33,533	4,881	-	-	-	38,414	33,105	4,866	-	-	-	37,971			
Qualifying revolving retail	2,559	1,943	-	-	-	4,502	2,600	1,974	-	-	-	4,574	2,570	1,961	-	-	-	4,531			
Other retail	10,845	1,166	-	-	14	12,025	10,805	1,155	-	-	16	11,976	10,821	1,144	-	-	-	11,982			
	<b>47,414</b>	<b>8,048</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>55,476</b>	<b>46,938</b>	<b>8,010</b>	<b>-</b>	<b>-</b>	<b>16</b>	<b>54,964</b>	<b>46,496</b>	<b>7,971</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>54,484</b>			
<b>Non-retail</b>																					
Corporate	32,162	12,004	2,709	50	2,335	49,260	31,576	12,504	2,425	40	2,176	48,721	31,649	11,639	805	62	2,084	46,239			
Sovereign	17,601	3,093	13,398	283	132	34,507	16,368	3,126	14,924	276	139	34,833	14,547	2,942	12,764	260	136	30,649			
Financial Institutions	2,617	198	53,327	428	825	57,395	2,352	143	48,470	405	738	52,108	3,928	94	48,544	362	733	53,661			
	<b>52,380</b>	<b>15,295</b>	<b>69,434</b>	<b>761</b>	<b>3,292</b>	<b>141,162</b>	<b>50,296</b>	<b>15,773</b>	<b>65,819</b>	<b>721</b>	<b>3,053</b>	<b>135,662</b>	<b>50,124</b>	<b>14,675</b>	<b>62,113</b>	<b>684</b>	<b>2,953</b>	<b>130,549</b>			
Trading book	-	-	-	9,596	-	9,596	-	-	-	8,074	-	8,074	-	-	-	7,652	-	7,652			
Securitization	1,363	-	-	-	3,034	4,397	1,323	-	-	-	2,984	4,307	1,357	-	-	-	-	2,929			
<b>Total - Gross Credit Risk</b>	<b>101,157</b>	<b>23,343</b>	<b>69,434</b>	<b>10,357</b>	<b>6,340</b>	<b>210,631</b>	<b>98,557</b>	<b>23,783</b>	<b>65,819</b>	<b>8,795</b>	<b>6,053</b>	<b>203,007</b>	<b>97,977</b>	<b>22,646</b>	<b>62,113</b>	<b>8,336</b>	<b>5,899</b>	<b>196,971</b>			
Standardized Approach	5,657	260	2,275	799	1,016	10,007	5,338	456	2,183	845	847	9,669	7,597	672	525	1,031	779	10,604			
AIRB Approach <sup>(2)</sup>	95,500	23,083	67,159	9,558	5,324	200,624	93,219	23,327	63,636	7,950	5,206	193,338	90,380	21,974	61,588	7,305	5,120	186,367			
<b>Total - Gross Credit Risk</b>	<b>101,157</b>	<b>23,343</b>	<b>69,434</b>	<b>10,357</b>	<b>6,340</b>	<b>210,631</b>	<b>98,557</b>	<b>23,783</b>	<b>65,819</b>	<b>8,795</b>	<b>6,053</b>	<b>203,007</b>	<b>97,977</b>	<b>22,646</b>	<b>62,113</b>	<b>8,336</b>	<b>5,899</b>	<b>196,971</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>**

			2014																	
			Q4									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>	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)																				
<b>Canadian residential mortgages and HELOCs</b>	<b>Risk Grade</b>	<b>PD bands</b>																		
<b>Insured Drawn and Undrawn<sup>(3)</sup></b>	Exceptionally low	0.000% - 0.144%	2,242	-	100%	0.07%	18.0%	3%	73	0.3	3%	2,416	-	100%	0.07%	18.1%	3%	78	0.3	3%
	Very low	0.145% - 0.506%	2,488	-	100%	0.29%	11.0%	5%	133	0.7	6%	2,804	-	100%	0.29%	10.8%	5%	151	0.8	6%
	Low	0.507% - 1.116%	1,128	-	100%	0.76%	6.0%	6%	64	0.5	6%	1,174	-	100%	0.76%	5.6%	6%	66	0.5	6%
	Low	1.117% - 2.681%	568	-	100%	1.71%	4.0%	6%	35	0.3	7%	589	-	100%	1.72%	3.4%	6%	35	0.3	7%
	Medium	2.682% - 9.348%	345	-	100%	4.72%	3.0%	8%	29	0.4	10%	392	-	100%	4.65%	2.7%	8%	32	0.5	10%
	High	9.349% - 99.99%	177	-	100%	26.38%	3.0%	14%	24	1.3	22%	178	-	100%	27.07%	2.6%	14%	24	1.3	23%
	Default	100.00%	63	-	100%	100.00%	3.0%	24%	15	0.6	37%	62	-	100%	100.00%	2.4%	23%	14	0.6	35%
				<b>7,011</b>		<b>100%</b>	<b>2.19%</b>	<b>11.0%</b>	<b>5%</b>	<b>373</b>	<b>4.1</b>	<b>6%</b>	<b>7,615</b>		<b>100%</b>	<b>2.07%</b>	<b>11.0%</b>	<b>5%</b>	<b>400</b>	<b>4.3</b>
<b>Uninsured Undrawn<sup>(4)</sup></b>	Exceptionally low	0.000% - 0.144%	3,704	8,252	59%	0.05%	23.0%	3%	117	0.4	3%	3,721	8,150	60%	0.05%	23.0%	3%	118	0.4	3%
	Very low	0.145% - 0.506%	1,486	3,799	68%	0.27%	24.0%	12%	171	0.9	12%	1,460	3,732	68%	0.27%	23.5%	12%	167	0.9	12%
	Low	0.507% - 1.116%	106	131	84%	0.72%	24.0%	24%	25	0.2	26%	100	122	85%	0.71%	24.2%	24%	24	0.2	26%
	Low	1.117% - 2.681%	29	36	83%	1.68%	24.0%	41%	12	0.1	46%	26	33	83%	1.64%	23.7%	41%	11	0.1	46%
	Medium	2.682% - 9.348%	11	12	87%	4.37%	24.0%	72%	8	0.1	85%	10	12	84%	4.37%	23.9%	72%	7	0.1	86%
	High	9.349% - 99.99%	2	2	81%	15.88%	23.0%	119%	2	0.1	166%	1	1	92%	17.68%	24.1%	128%	2	0.1	187%
	Default	100.00%	1	2	72%	100.00%	24.0%	300%	4	-	300%	1	2	77%	100.00%	25.2%	315%	5	-	315%
				<b>5,339</b>	<b>12,234</b>	<b>62%</b>	<b>0.17%</b>	<b>23.0%</b>	<b>6%</b>	<b>339</b>	<b>1.8</b>	<b>7%</b>	<b>5,319</b>	<b>12,052</b>	<b>63%</b>	<b>0.17%</b>	<b>23.2%</b>	<b>6%</b>	<b>334</b>	<b>1.8</b>
<b>Uninsured Drawn<sup>(5)</sup></b>	Exceptionally low	0.000% - 0.144%	13,355			0.07%	24.0%	4%	574	2.3	5%	12,961			0.07%	23.6%	4%	554	2.2	4%
	Very low	0.145% - 0.506%	10,584			0.27%	26.0%	13%	1,355	7.4	14%	10,193			0.27%	25.7%	13%	1,299	7.1	14%
	Low	0.507% - 1.116%	2,553			0.72%	26.0%	26%	661	4.8	28%	2,438			0.72%	25.9%	26%	629	4.5	28%
	Low	1.117% - 2.681%	757			1.70%	26.0%	45%	343	3.3	51%	676			1.68%	25.7%	45%	303	2.9	50%
	Medium	2.682% - 9.348%	429			4.83%	27.0%	85%	365	5.6	102%	400			4.79%	26.8%	85%	339	5.2	101%
	High	9.349% - 99.99%	241			27.21%	31.0%	160%	387	20.9	268%	247			28.87%	31.1%	163%	403	22.8	278%
	Default	100.00%	64			100.00%	27.0%	236%	151	8.6	405%	61			100.00%	26.9%	249%	153	7.1	393%
				<b>27,983</b>			<b>0.79%</b>	<b>25.0%</b>	<b>14%</b>	<b>3,836</b>	<b>52.9</b>	<b>16%</b>	<b>26,976</b>			<b>0.81%</b>	<b>24.8%</b>	<b>14%</b>	<b>3,680</b>	<b>51.8</b>
<b>Qualifying revolving credit</b>	Exceptionally low	0.000% - 0.144%	2,608	4,477	58%	0.05%	71.0%	2%	61	0.9	3%	2,577	4,384	59%	0.05%	70.2%	2%	59	0.9	3%
	Very low	0.145% - 0.506%	897	592	82%	0.29%	69.0%	10%	88	1.8	12%	915	632	82%	0.29%	69.4%	10%	91	1.8	12%
	Low	0.507% - 1.116%	554	207	90%	0.78%	69.0%	22%	121	3.0	29%	541	216	89%	0.78%	69.3%	22%	118	2.9	29%
	Low	1.117% - 2.681%	502	141	93%	1.78%	75.0%	44%	223	6.8	61%	496	144	93%	1.79%	74.9%	44%	220	6.7	61%
	Medium	2.682% - 9.348%	362	44	99%	4.60%	75.0%	84%	305	12.4	127%	359	48	99%	4.58%	75.5%	85%	303	12.3	127%
	High	9.349% - 99.99%	82	4	101%	19.55%	72.0%	177%	145	12.0	360%	84	5	101%	20.46%	71.8%	182%	153	13.1	375%
	Default	100.00%	22	-	103%	100.00%	70.0%	358%	79	9.5	898%	20	-	104%	100.00%	76.8%	345%	68	9.9	973%
				<b>5,027</b>	<b>5,465</b>	<b>73%</b>	<b>1.43%</b>	<b>71.0%</b>	<b>20%</b>	<b>1,022</b>	<b>46.4</b>	<b>32%</b>	<b>4,992</b>	<b>5,429</b>	<b>74%</b>	<b>1.41%</b>	<b>70.8%</b>	<b>20%</b>	<b>1,012</b>	<b>47.6</b>
<b>Other retail<sup>(6)</sup></b>	Exceptionally low	0.000% - 0.144%	2,243	1,313	87%	0.07%	40.0%	7%	159	0.6	7%	2,295	1,345	87%	0.07%	40.4%	7%	163	0.6	7%
	Very low	0.145% - 0.506%	2,684	366	98%	0.29%	46.0%	24%	641	3.7	26%	2,685	362	98%	0.29%	45.6%	24%	640	3.7	26%
	Low	0.507% - 1.116%	2,096	235	98%	0.81%	59.0%	54%	1,142	10.1	60%	2,090	227	98%	0.80%	58.9%	54%	1,125	9.9	60%
	Low	1.117% - 2.681%	1,445	79	99%	1.76%	65.0%	80%	1,149	16.4	94%	1,448	81	99%	1.75%	64.8%	80%	1,154	16.4	94%
	Medium	2.682% - 9.348%	686	30	99%	4.47%	65.0%	94%	647	19.6	130%	653	33	99%	4.46%	65.3%	95%	619	18.7	131%
	High	9.349% - 99.99%	204	6	98%	20.11%	63.0%	134%	272	26.1	294%	196	6	99%	21.53%	62.0%	136%	266	26.6	305%
	Default	100.00%	111	6	99%	100.00%	63.0%	446%	494	33.5	825%	109	7	98%	100.00%	61.9%	428%	468	33.5	811%
				<b>9,469</b>	<b>2,035</b>	<b>96%</b>	<b>2.47%</b>	<b>52.0%</b>	<b>48%</b>	<b>4,504</b>	<b>110.0</b>	<b>62%</b>	<b>9,476</b>	<b>2,061</b>	<b>95%</b>	<b>2.45%</b>	<b>52.1%</b>	<b>47%</b>	<b>4,435</b>	<b>109.4</b>
			<b>54,829</b>	<b>19,734</b>	<b>87%</b>	<b>1.26%</b>	<b>32.0%</b>	<b>18%</b>	<b>10,074</b>	<b>215.2</b>	<b>23%</b>	<b>54,378</b>	<b>19,542</b>	<b>88%</b>	<b>1.26%</b>	<b>31.7%</b>	<b>18%</b>	<b>9,861</b>	<b>214.9</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 drawn 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> (continued)

(unaudited) (millions of Canadian dollars)	2014									
	Q2					Q1				
	EAD	Exposure weighted-average (PD %)	Exposure weighted-average <sup>(1)</sup> (LGD %)	Exposure weighted average risk-asset	Exposure weighted-average risk weight asset (RWA %)	EAD	Exposure weighted-average (PD %)	Exposure weighted-average <sup>(1)</sup> (LGD %)	Exposure weighted average risk-asset	Exposure weighted-average risk weight asset (RWA %)
<b>Credit quality of AIRB Retail portfolios</b>										
Retail residential mortgages <sup>(2)</sup>										
0,000-0,145	18,802	0.07%	23.3%	733	4%	18,368	0.07%	23.2%	718	4%
0,146-0,507	14,088	0.28%	22.3%	1,582	11%	14,172	0.28%	22.1%	1,580	11%
0,508-1,166	3,292	0.74%	20.2%	675	21%	3,458	0.74%	20.0%	705	20%
1,167-2,681	1,203	1.75%	16.4%	347	29%	1,206	1.71%	17.3%	364	30%
2,682-9,348	667	4.86%	18.3%	389	58%	724	4.78%	18.1%	416	57%
9,349-99,999	438	27.93%	24.0%	555	127%	399	29.22%	25.1%	525	132%
100	126	100.00%	14.4%	169	134%	139	100.00%	14.0%	175	126%
<b>Total retail residential mortgages</b>	<b>38,616</b>	<b>0.98%</b>	<b>22.4%</b>	<b>4,450</b>	<b>12%</b>	<b>38,466</b>	<b>1.01%</b>	<b>22.2%</b>	<b>4,483</b>	<b>12%</b>
Qualifying revolving retail <sup>(3)</sup>										
0,000-0,145	2,151	0.05%	89.5%	65	3%	2,082	0.05%	89.3%	63	3%
0,146-0,507	924	0.29%	88.5%	117	13%	923	0.29%	88.3%	117	13%
0,508-1,166	524	0.77%	88.8%	145	28%	516	0.78%	88.7%	143	28%
1,167-2,681	478	1.82%	89.9%	256	54%	466	1.81%	89.7%	249	53%
2,682-9,348	406	4.58%	90.0%	413	101%	393	4.59%	90.1%	400	102%
9,349-99,999	98	21.31%	89.3%	221	226%	95	21.17%	89.4%	215	226%
100	29	100.00%	86.2%	191	665%	27	100.00%	85.8%	187	683%
<b>Total Qualifying revolving retail</b>	<b>4,610</b>	<b>1.84%</b>	<b>89.3%</b>	<b>1,408</b>	<b>31%</b>	<b>4,502</b>	<b>1.82%</b>	<b>89.1%</b>	<b>1,374</b>	<b>31%</b>
Other Retail <sup>(4)</sup>										
0,000-0,145	2,426	0.07%	47.6%	199	8%	2,424	0.07%	47.2%	201	8%
0,146-0,507	2,812	0.30%	53.6%	795	28%	2,840	0.29%	52.1%	772	27%
0,508-1,166	2,045	0.80%	67.0%	1,249	61%	1,989	0.80%	65.6%	1,187	60%
1,167-2,681	1,345	1.76%	71.8%	1,189	88%	1,378	1.74%	72.1%	1,218	88%
2,682-9,348	572	4.47%	70.7%	588	103%	595	4.45%	67.5%	584	98%
9,349-99,999	138	20.43%	67.4%	199	144%	130	20.77%	65.3%	183	141%
100	110	100.00%	65.4%	532	483%	109	100.00%	64.4%	515	471%
<b>Total Other Retail</b>	<b>9,448</b>	<b>2.26%</b>	<b>58.9%</b>	<b>4,751</b>	<b>50%</b>	<b>9,465</b>	<b>2.25%</b>	<b>57.9%</b>	<b>4,660</b>	<b>49%</b>

(unaudited) (millions of Canadian dollars)	2014			
	Q2		Q1	
	Notional undrawn commitments	EAD on undrawn commitments <sup>(5)</sup>	Notional undrawn commitments	EAD on undrawn commitments <sup>(5)</sup>
<b>Credit commitments - AIRB Retail portfolios</b>				
Retail residential mortgages	11,677	5,085	11,432	4,939
Qualifying revolving retail	5,303	2,010	5,180	1,943
Other retail	2,003	1,162	2,016	1,180
<b>Total</b>	<b>18,983</b>	<b>8,257</b>	<b>18,628</b>	<b>8,062</b>

(1) The bank uses a LGD substitution approach for government or corporate guaranteed loans.

(2) Includes AIRB retail residential mortgages of 1 to 4 units and HELOC.

(3) Includes AIRB lines of credit and credit card receivables.

(4) Includes AIRB consumer loans, SME credit card receivables, certain SME loans and other personal loans.

(5) EAD undrawn commitments is the undrawn commitments (notional amount) that is currently undrawn but expected to be drawn in the event of a default.

## AIRB Credit Risk Exposures: Non-retail Portfolios<sup>(1)</sup>

(unaudited) (millions of Canadian dollars)

Q4 2014														Q3 2014													
Corporate AIRB exposures by internal PD grade																											
Internal Ratings grades	PD Range 0.000%	S&P rating equivalent	EAD Amount <sup>(2)</sup>				Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)	EAD Amount <sup>(2)</sup>				Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)									
			Drawn	Undrawn	Other	Total					Drawn	Undrawn	Other	Total													
1	0.000 - 0.035	AAA... AA-	26	6	-	32	0.03%	22.0%	1	3%	28	6	-	34	0.03%	19.5%	1	3%									
1.5	0.035 - 0.044	A+	29	4	6	39	0.04%	16.9%	2	5%	23	3	-	26	0.04%	19.5%	1	4%									
2	0.044 - 0.063	A	140	401	1,120	1,661	0.05%	51.6%	221	13%	135	405	11	551	0.05%	30.7%	77	14%									
2.5	0.063 - 0.103	A-	1,623	1,719	63	3,405	0.08%	40.7%	648	19%	1,452	1,812	59	3,323	0.08%	41.9%	687	21%									
3	0.103 - 0.170	BBB+	3,881	2,909	145	6,935	0.13%	37.9%	1,671	24%	3,878	2,819	149	6,846	0.13%	38.5%	1,680	25%									
3.5	0.170 - 0.280	BBB	4,750	2,769	604	8,123	0.22%	36.8%	2,521	31%	4,560	2,319	586	7,465	0.22%	37.5%	2,301	31%									
4	0.280 - 0.462	BBB-	5,217	1,890	198	7,305	0.36%	36.5%	2,743	38%	4,831	1,931	245	7,007	0.36%	35.9%	2,593	37%									
4.5	0.462 - 0.762	BB+	4,152	905	133	5,190	0.59%	36.9%	2,438	47%	3,842	674	126	4,642	0.59%	37.4%	2,186	47%									
5	0.762 - 1.256	BB	6,012	1,082	222	7,316	0.98%	37.7%	4,335	59%	6,016	1,310	285	7,611	0.98%	36.7%	4,447	58%									
5.5	1.256 - 2.070	BB-	2,147	789	156	3,092	1.61%	37.6%	2,275	74%	2,324	707	93	3,124	1.61%	38.4%	2,312	74%									
6	2.070 - 3.412	B+	1,330	221	68	1,619	2.66%	34.4%	1,189	73%	1,257	189	62	1,508	2.66%	36.6%	1,187	79%									
6.5	3.412 - 5.625	B	864	152	109	1,125	4.38%	33.6%	927	82%	922	96	111	1,129	4.38%	33.3%	911	81%									
7	5.625 - 9.272	B-	722	107	37	866	7.22%	35.3%	871	101%	814	100	50	964	7.22%	36.8%	1,031	107%									
7.5	9.272 - 15.284	CCC+	250	13	1	264	11.90%	34.1%	320	121%	270	12	1	283	11.90%	34.6%	345	122%									
8	15.284 - 25.195	CCC	37	-	-	37	19.62%	56.7%	95	257%	58	31	-	89	19.62%	35.9%	154	173%									
8.5	25.195 - 100	CCC-	7	-	-	7	32.35%	53.9%	19	271%	45	-	-	45	32.35%	73.3%	166	369%									
9	100	CC	383	8	2	393	100.00%	43.2%	785	200%	255	6	2	263	100.00%	42.0%	336	128%									
9.5	100	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
10	100	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
<b>Total</b>			<b>31,570</b>	<b>12,975</b>	<b>2,864</b>	<b>47,409</b>	<b>1.6%</b>	<b>37.8%</b>	<b>21,061</b>	<b>44%</b>	<b>30,710</b>	<b>12,420</b>	<b>1,780</b>	<b>44,910</b>	<b>1.5%</b>	<b>37.4%</b>	<b>20,415</b>	<b>46%</b>									

Q4 2014														Q3 2014													
Sovereign AIRB exposures by internal PD grade																											
Internal Ratings grades	PD Range 0.000%	S&P rating equivalent	EAD Amount <sup>(2)</sup>				Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)	EAD Amount <sup>(2)</sup>				Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)									
			Drawn	Undrawn	Other	Total					Drawn	Undrawn	Other	Total													
1	0.000 - 0.010	AAA... AA-	15,325	37	197	15,559	0.01%	11.1%	252	2%	13,526	32	190	13,748	0.01%	11.2%	238	2%									
1.5	0.010 - 0.019	A+	3,567	2,479	513	6,559	0.01%	13.3%	180	3%	3,289	2,195	533	6,017	0.01%	13.3%	155	3%									
2	0.019 - 0.033	A	1,300	532	9	1,841	0.03%	17.5%	84	5%	1,221	594	9	1,824	0.03%	17.5%	80	4%									
2.5	0.033 - 0.060	A-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
3	0.060 - 0.107	BBB+	8	1	-	9	0.08%	14.6%	1	11%	8	1	-	9	0.08%	14.6%	1	9%									
3.5	0.107 - 0.191	BBB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
4	0.191 - 0.342	BBB-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
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%	7	47%	16	-	-	16	2.62%	18.5%	7	42%									
6.5	3.507 - 6.276	B	-	31	4	35	4.69%	14.1%	14	40%	-	33	2	35	4.69%	14.1%	14	41%									
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>20,215</b>	<b>3,080</b>	<b>723</b>	<b>24,018</b>	<b>0.0%</b>	<b>12.2%</b>	<b>538</b>	<b>2%</b>	<b>18,060</b>	<b>2,855</b>	<b>734</b>	<b>21,649</b>	<b>0.0%</b>	<b>12.3%</b>	<b>495</b>	<b>2%</b>									

Q4 2014														Q3 2014													
Financial Institutions AIRB exposures by internal PD grade																											
Internal Ratings grades	PD Range 0.000%	S&P rating equivalent	EAD Amount <sup>(2)</sup>				Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)	EAD Amount <sup>(2)</sup>				Average PD (%)	Average LGD (%)	RWA	Percentage RWA (%)									
			Drawn	Undrawn	Other	Total					Drawn	Undrawn	Other	Total													
1	0.000 - 0.035	AAA... AA-	517	-	1,771	2,288	0.03%	58.4%	209	9%	306	-	2,017	2,323	0.03%	60.5%	207	9%									
1.5	0.035 - 0.044	A+	164	-	1,535	1,699	0.04%	37.9%	124	7%	514	-	670	1,184	0.04%	42.0%	137	12%									
2	0.044 - 0.063	A	253	30	145	428	0.05%	37.7%	70	16%	164	30	99	293	0.05%	38.5%	51	17%									
2.5	0.063 - 0.103	A-	336	-	1,742	2,078	0.08%	12.4%	119	6%	323	-	1,981	2,304	0.08%	11.1%	122	5%									
3	0.103 - 0.170	BBB+	279	12	275	566	0.13%	46.5%	167	30%	227	-	275	502	0.13%	49.2%	155	31%									
3.5	0.170 - 0.280	BBB	238	-	296	534	0.22%	41.1%	189	35%	438	-	224	662	0.22%	44.3%	267	40%									
4	0.280 - 0.462	BBB-	79	88	1,059	1,225	0.36%	41.8%	605	49%	133	73	1,072	1,278	0.36%	41.1%	648	51%									
4.5	0.462 - 0.762	BB+	202	-	478	680	0.59%	66.4%	584	86%	212	-	490	702	0.59%	61.8%	570	81%									
5	0.762 - 1.256	BB	93	-	174	267	0.98%	47.2%	205	77%	92	-	301	393	0.98%	40.9%	266	68%									
5.5	1.256 - 2.070	BB-	3	-	182	185	1.61%	57.8%	277	150%	2	-	189	191	1.61%	57.7%	287	150%									
6	2.070 - 3.412	B+	-	-	-	-	2.66%	43.0%	-	-	-	-	-	-	2.66%	38.4%	-	-									
6.5	3.412 - 5.625	B	-	-	-	-	4.38%	34.2%	30	111%	-	-	-	-	4.38%	34.0%	35	109%									
7	5.625 - 9.272	B-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
7.5	9.272 - 15.284	CCC+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
8	15.284 - 25.195	CCC	-	-	-	-	-	-	-	-	-	-	-	-	19.62%	3.0%	-	-									
8.5	25.195 - 100	CCC-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
9	100	CC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
9.5	100	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
10	100	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
<b>Total</b>			<b>2,164</b>	<b>130</b>	<b>7,683</b>	<b>9,977</b>	<b>0.3%</b>	<b>41.0%</b>	<b>2,579</b>	<b>25%</b>	<b>2,411</b>	<b>103</b>	<b>7,350</b>	<b>9,864</b>	<b>0.3%</b>	<b>41.2%</b>	<b>2,745</b>	<b>28%</b>									

Q4 2014		
	Notional undrawn commitments	EAD on undrawn commitments <sup>(3)</sup>
Credit commitments - AIRB Non-retail portfolios		
Corporate	31,505	12,975
Sovereign	7,093	3,080
Financial Institutions	260	130
<b>Total</b>	<b>38,858</b>	<b>16,185</b>

Q3 2014		
	Notional undrawn commitments	EAD on undrawn commitments <sup>(3)</sup>
Credit commitments - AIRB Non-retail portfolios		
Corporate	30,143	12,421
Sovereign	6,618	2,855
Financial Institutions	206	103
<b>Total</b>	<b>36,967</b>	<b>15,379</b>

(1) The data presented above take into account permissible netting and exclude SME-Retail Portfolio.

(2) In the Financial Institutions asset class, EAD of less than \$500 K do not appear, but are taken into account in the calculation of the parameters.

(3) 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>

	2014											
	Q4						Q3					
	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) (millions of Canadian dollars)</i>												
<b>Retail portfolio<sup>(5)</sup></b>												
Uninsured residential mortgages incl. Home equity line of credit <sup>(6) (7)</sup>	0.31%	0.17%	32.22%	13.06%	99.03%	88.32%	0.30%	0.14%	27.56%	15.67%	98.14%	87.24%
Insured residential mortgages <sup>(7) (8)</sup>	1.42%	0.99%	2.71%	na	na	na	1.22%	0.88%	1.51%	na	na	na
Qualifying revolving retail <sup>(9)</sup>	1.38%	1.20%	76.95%	77.33%	96.08%	95.57%	1.45%	1.21%	93.44%	92.86%	95.52%	97.06%
Other retail <sup>(10)</sup>	1.83%	1.71%	68.40%	61.74%	92.55%	89.70%	1.39%	1.74%	67.09%	62.41%	92.25%	88.98%
<b>Wholesale &amp; Sovereign portfolio<sup>(11)</sup></b>												
Corporate	1.60%	0.67%	36.89%	30.45%	82.33%	75.59%	1.61%	0.67%	36.73%	29.16%	82.07%	81.06%
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>	0.50%	0.00%	39.00%	na	100.00%	na	0.47%	0.00%	39.00%	na	100.00%	na

	2014											
	Q2						Q1					
	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) (millions of Canadian dollars)</i>												
<b>Retail portfolio<sup>(5)</sup></b>												
Uninsured residential mortgages incl. Home equity line of credit <sup>(6) (7)</sup>	0.32%	0.14%	27.63%	17.19%	98.56%	86.66%	0.31%	0.15%	22.96%	14.12%	97.36%	87.51%
Insured residential mortgages <sup>(7) (8)</sup>	1.25%	0.87%	1.44%	na	na	na	1.22%	0.91%	1.43%	na	na	na
Qualifying revolving retail <sup>(9)</sup>	1.55%	1.25%	92.97%	92.12%	95.43%	97.06%	1.54%	1.29%	93.10%	92.67%	95.53%	96.86%
Other retail <sup>(10)</sup>	1.45%	1.73%	66.77%	61.56%	92.50%	86.55%	1.45%	1.74%	66.22%	60.36%	92.56%	86.87%
<b>Wholesale &amp; Sovereign portfolio<sup>(11)</sup></b>												
Corporate	1.61%	0.55%	38.11%	29.54%	82.33%	82.53%	1.65%	0.61%	38.24%	25.79%	83.40%	82.42%
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>	0.40%	0.00%	39.00%	na	100.00%	na	0.36%	0.00%	39.00%	na	100.00%	na

- (1) Actual and estimated parameters are reported on a three-month lag. For example, for Q4-2014, estimated percentages are as of July 31, 2013 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.





## Distribution of Gross Credit Risk Exposure by Asset Classes and Industries

(unaudited)  
(millions of Canadian dollars)

Non-Retail Portfolio	2014																	
	Q4						Q3						Q2					
	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>

Non-Retail Portfolio	2014												2013					
	Q1						Q4						Q3					
	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	2,698	167	6	-	-	2,871	2,652	168	6	-	-	2,826	2,514	203	6	-	-	2,723
Mining, Oil and Gas	3,622	2,305	167	-	-	6,094	3,766	2,422	168	-	-	6,356	4,368	2,568	158	-	-	7,094
Utilities	1,103	1,561	195	-	-	2,859	941	1,503	165	-	-	2,609	997	1,454	145	-	-	2,596
Construction	1,413	1,058	132	-	-	2,603	1,572	1,008	118	-	-	2,698	1,553	765	119	-	-	2,437
Manufacturing	3,252	1,565	253	-	-	5,070	3,312	1,489	234	-	-	5,035	3,336	1,409	236	-	-	4,981
Wholesale Trade	1,682	571	52	-	-	2,305	1,647	599	50	-	-	2,296	1,941	644	48	-	-	2,633
Retail Trade	3,126	1,158	50	-	-	4,334	2,752	1,685	51	-	-	4,488	2,872	1,414	52	-	-	4,338
Transportation	1,164	1,528	59	-	-	2,751	1,238	1,484	61	-	-	2,783	1,204	1,503	64	-	-	2,771
Communications	1,505	484	139	-	-	2,128	1,409	517	132	-	-	2,058	1,428	582	106	-	-	2,116
Finance and Insurance	16,332	1,107	972	66,225	761	85,397	15,067	1,139	1,015	62,717	721	80,659	13,849	875	937	59,383	684	75,728
Real Estate <sup>(2)</sup>	5,404	543	18	-	-	5,965	5,120	547	17	-	-	5,684	4,805	350	15	-	-	5,170
Professional Services	1,521	659	334	-	-	2,514	1,374	672	374	-	-	2,420	1,344	601	427	-	-	2,372
Education & Health Care	2,389	727	5	-	-	3,121	2,489	640	5	-	-	3,134	2,455	544	7	-	-	3,006
Other Services	3,126	725	172	2	-	4,025	3,207	676	166	9	-	4,058	3,175	660	168	11	-	4,014
Government	2,245	1,137	4	1,606	-	4,992	2,170	1,224	6	1,961	-	5,361	3,087	1,103	5	1,633	-	5,828
Other	1,798	-	734	1,601	-	4,133	1,580	-	485	1,132	-	3,197	1,196	-	460	1,086	-	2,742
<b>Total – Non-retail<sup>(3)</sup></b>	<b>52,380</b>	<b>15,295</b>	<b>3,292</b>	<b>69,434</b>	<b>761</b>	<b>141,162</b>	<b>50,296</b>	<b>15,773</b>	<b>3,053</b>	<b>65,819</b>	<b>721</b>	<b>135,662</b>	<b>50,124</b>	<b>14,675</b>	<b>2,953</b>	<b>62,113</b>	<b>684</b>	<b>130,549</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)	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>

(unaudited) (millions of Canadian dollars)	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
Adjustment to exposure for collateral	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<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>

(unaudited) (millions of Canadian dollars)	2014						2013											
	Q1			Q4			Q4			Q3								
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	4	4	-	-	-	-	3	3	-	-	-	-	3	3
Portugal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spain	31	-	-	-	134	165	31	-	-	-	144	175	31	-	-	-	144	175
<b>Total GIIPS</b>	<b>31</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>138</b>	<b>169</b>	<b>31</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>147</b>	<b>178</b>	<b>31</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>147</b>	<b>178</b>
France	47	5	1,255	353	289	1,949	27	5	562	319	87	1,000	27	4	630	321	88	1,070
Germany	12	-	2	21	47	82	16	-	3	21	44	84	17	-	84	35	45	181
United Kingdom	386	9	1,918	858	4	3,175	300	8	1,856	698	6	2,868	269	7	1,595	655	6	2,532
Other Europe	52	22	795	329	46	1,244	126	18	1,563	202	36	1,945	339	22	1,008	287	36	1,692
<b>Total - Credit Risk</b>	<b>528</b>	<b>36</b>	<b>3,970</b>	<b>1,561</b>	<b>524</b>	<b>6,619</b>	<b>500</b>	<b>31</b>	<b>3,984</b>	<b>1,240</b>	<b>320</b>	<b>6,075</b>	<b>683</b>	<b>33</b>	<b>3,317</b>	<b>1,298</b>	<b>322</b>	<b>5,653</b>

(unaudited) (millions of Canadian dollars)	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
Adjustment to exposure for collateral	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total - Net Credit Risk<sup>(4)</sup></b>	<b>528</b>	<b>36</b>	<b>2,316</b>	<b>524</b>	<b>3,793</b>	<b>500</b>	<b>31</b>	<b>1,806</b>	<b>320</b>	<b>3,599</b>	<b>683</b>	<b>33</b>	<b>1,570</b>	<b>322</b>	<b>2,608</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)

	2014				2013				YTD	
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2014	2013
<b>Formation of Gross Impaired Loans<sup>(1)</sup> (by sector)</b>										
<b>Opening balance</b>	411	417	417	395	377	346	354	387	395	387
Write-offs										
Retail	(19)	(18)	(19)	(20)	(16)	(18)	(16)	(16)	(76)	(66)
Commercial	(14)	(10)	(10)	(3)	(7)	(8)	(5)	(4)	(37)	(24)
Wealth Management	(2)	(1)	(1)	(1)	(1)	(1)	(1)	-	(5)	(3)
Corporate	-	-	-	-	-	-	-	(14)	-	(14)
Real Estate	-	-	-	-	-	-	(1)	-	-	(1)
<b>Total write-offs</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>(118)</b>	<b>(108)</b>
Formation										
Retail	29	20	15	36	21	26	20	21	100	88
Commercial	79	2	15	9	29	30	(13)	35	105	81
Wealth Management	2	1	-	1	1	2	1	1	4	5
Corporate	-	-	-	-	(6)	(6)	7	(56)	-	(61)
Real estate	-	-	-	-	-	3	-	-	-	3
Other	-	-	-	-	(3)	3	-	-	-	-
<b>Total formation</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>209</b>	<b>116</b>
<b>Closing balance</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>486</b>	<b>395</b>

(1) Credit card receivables are not included

	2014				YTD	
	Q4	Q3	Q2	Q1	2014	2013
<b>Formation of Gross Impaired Loans (by activities)</b>						
<b>Opening balance</b>	411	417	417	395	395	387
Classified as impaired during the year	196	142	139	127	604	587
Transferred to not impaired during the period	(4)	(6)	(7)	(2)	(19)	(16)
Net repayments	(63)	(88)	(77)	(57)	(285)	(363)
Write-offs	(50)	(48)	(48)	(40)	(186)	(177)
Recoveries of loans previously written off	(3)	(4)	(5)	(5)	(17)	(17)
Disposals of loans	(1)	(2)	(2)	(1)	(6)	(6)
Exchange and other movements	-	-	-	-	-	-
<b>Closing balance</b>	<b>486</b>	<b>411</b>	<b>417</b>	<b>417</b>	<b>486</b>	<b>395</b>

	2014				2013				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2014	2013	
<b>Allowance for Credit Losses</b>											
<b>Allowances at beginning</b>	593	592	589	578	571	566	556	577	578	577	577
Write-offs	(54)	(54)	(54)	(47)	(43)	(47)	(45)	(55)	(209)	(190)	(203)
Recoveries of amounts written off in previous years	7	4	4	6	2	4	2	2	21	10	17
Charge to income statement (provision for credit losses)	57	49	51	51	48	48	53	32	208	181	181
Disposal of loans	1	2	2	1					6		6
Exchange and other movements	-	-	-	-					-		-
<b>Allowances at end</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>604</b>	<b>578</b>	<b>578</b>



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

2014												
(unaudited) (millions of Canadian dollars)	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>

2014												
(unaudited) (millions of Canadian dollars)	Q1				Q4				Q3			
	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	24,417	13,654	395	38,466	23,995	13,568	425	37,988	23,740	12,999	333	37,072
Qualifying revolving retail	4,502	-	-	4,502	4,574	-	-	4,574	4,531	-	-	4,531
Other retail	5,481	2,656	1,328	9,465	5,552	2,687	1,308	9,547	5,663	2,652	1,209	9,524
	<b>34,400</b>	<b>16,310</b>	<b>1,723</b>	<b>52,433</b>	<b>34,121</b>	<b>16,255</b>	<b>1,733</b>	<b>52,109</b>	<b>33,934</b>	<b>15,651</b>	<b>1,542</b>	<b>51,127</b>
<b>Non-retail</b>												
Corporate	29,721	12,878	1,153	43,752	28,940	12,871	1,429	43,240	29,112	10,322	944	40,378
Sovereign	21,833	8,708	3,789	34,330	25,050	5,312	4,269	34,631	20,187	5,418	4,865	30,470
Financial Institutions	46,417	10,419	29	56,865	41,923	9,860	-	51,783	52,310	1,113	-	53,423
	<b>97,971</b>	<b>32,005</b>	<b>4,971</b>	<b>134,947</b>	<b>95,913</b>	<b>28,043</b>	<b>5,698</b>	<b>129,654</b>	<b>101,609</b>	<b>16,853</b>	<b>5,809</b>	<b>124,271</b>
<b>Trading book</b>	<b>2,425</b>	<b>4,839</b>	<b>1,583</b>	<b>8,847</b>	<b>1,912</b>	<b>4,045</b>	<b>1,311</b>	<b>7,268</b>	<b>1,558</b>	<b>3,987</b>	<b>1,138</b>	<b>6,683</b>
<b>Total</b>	<b>134,796</b>	<b>53,154</b>	<b>8,277</b>	<b>196,227</b>	<b>131,946</b>	<b>48,343</b>	<b>8,742</b>	<b>189,031</b>	<b>137,101</b>	<b>36,491</b>	<b>8,489</b>	<b>182,081</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)	2014					
	Q4		Q3		Q2	
Total exposure covered by:	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 mortgages	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	-	-	-	-
	485	2,564	444	2,437	652	2,414
<b>Trading book</b>	-	<b>110</b>	-	<b>105</b>	-	<b>86</b>
<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>

(unaudited) (millions of Canadian dollars)	2014		2013			
	Q1		Q4		Q3	
Total exposure covered by:	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 mortgages	296	5,928	242	6,147	420	6,079
Qualifying revolving retail	-	-	-	-	-	-
Other retail	1,899	313	1,201	306	1,170	307
	<b>2,195</b>	<b>6,241</b>	<b>1,443</b>	<b>6,453</b>	<b>1,590</b>	<b>6,386</b>
<b>Non-retail</b>						
Corporate	520	2,376	254	2,338	643	1,903
Sovereign	-	-	-	-	-	-
Financial Institutions	-	-	-	2	-	870
	<b>520</b>	<b>2,376</b>	<b>254</b>	<b>2,340</b>	<b>643</b>	<b>2,773</b>
<b>Trading book</b>	-	<b>12</b>	-	<b>9</b>	-	<b>13</b>
<b>Total</b>	<b>2,715</b>	<b>8,629</b>	<b>1,697</b>	<b>8,802</b>	<b>2,233</b>	<b>9,172</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)

	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>

(unaudited)  
(millions of Canadian dollars)

	2014				2013							
	Q1				Q4				Q3			
	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	257	–	257	24	226	–	226	34	102	–	102	29
Private	235	38	197	30	211	38	173	21	215	39	176	20
	<b>492</b>	<b>38</b>	<b>454</b>	<b>54</b>	<b>437</b>	<b>38</b>	<b>399</b>	<b>55</b>	<b>317</b>	<b>39</b>	<b>278</b>	<b>49</b>



## Credit Derivative Positions (notional amounts)

2014												
(unaudited)												
(millions of Canadian dollars)												
	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
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	-	-	-	-	-	-	-	-

2014												
(unaudited)												
(millions of Canadian dollars)												
	Q1				Q4				Q3			
	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
Credit default swaps												
Indices, singles names and other	45	-	742	201	42	-	1,071	235	20	-	943	219
Tranches on indices	-	-	-	1	-	-	-	1	-	-	-	1
Total return swaps	-	-	-	10	-	-	-	9	459	-	-	8

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



## Derivatives Financial Instruments According to Basel Definition

	2014				2013
	Q4	Q3	Q2	Q1	Q4
(unaudited) (millions of Canadian dollars)	<b>Under Basel III</b>				
<b>Foreign Exchange Related Contracts</b>					
Swaps	118,324	111,293	110,949	96,916	72,836
Options	4,528	4,639	4,754	3,550	3,039
- purchased	4,947	4,370	5,014	4,073	3,164
- sold	17,983	14,181	14,564	14,308	12,310
Exchange traded and OTC futures contracts					
Total notional amount	145,782	134,483	135,281	118,847	91,349
Replacement cost	2,294	1,519	1,595	2,392	1,034
- gross	1,263	956	985	1,367	578
- net <sup>(1)</sup>	2,000	1,792	1,697	1,430	978
Future credit risk	3,263	2,748	2,682	2,797	1,556
Credit equivalent <sup>(2)</sup>	1,012	967	915	966	604
Risk-weighted equivalent <sup>(3)</sup>					
<b>Interest Rate Related Contracts</b>					
Swaps	419,781	411,810	422,061	359,892	294,637
Options	16,859	35,751	16,333	8,325	5,144
- purchased	16,204	36,847	22,604	8,460	4,030
- sold	7,097	21,203	14,544	27,783	24,120
Exchange traded and OTC futures contracts					
Total notional amount	459,941	505,611	475,542	404,460	327,931
Replacement cost	3,515	3,193	2,974	3,253	2,895
- gross	1,127	1,143	1,169	1,158	1,136
- net <sup>(1)</sup>	2,142	2,302	2,269	2,027	1,686
Future credit risk	3,269	3,445	3,438	3,185	2,822
Credit equivalent <sup>(2)</sup>	893	996	920	933	923
Risk-weighted equivalent <sup>(3)</sup>					
<b>Financial Futures</b>					
Total notional amount	65,503	61,899	58,387	53,658	33,291
<b>Equity and Commodity Contracts</b>					
Total notional amount	43,691	44,559	42,829	40,039	42,489
Replacement cost	2,372	1,971	1,965	2,045	1,604
- gross	1,977	1,648	1,681	1,794	1,261
- net <sup>(1)</sup>	3,904	4,214	4,017	3,975	2,700
Future credit risk	5,881	5,862	5,698	5,770	3,961
Credit equivalent <sup>(2)</sup>	1,450	1,602	1,258	1,107	1,013
Risk-weighted equivalent <sup>(3)</sup>					
<b>Credit Derivatives</b>					
Total notional amount (trading only)	1,255	894	682	954	1,316
Total Return Swap Notional Amount <sup>(4)</sup>	19,830	18,545	17,602	16,693	15,430
Replacement cost	74	97	84	110	92
- gross	29	18	15	15	17
- net <sup>(1)</sup>	362	401	502	477	439
Future credit risk	391	419	517	492	455
Credit equivalent <sup>(2)</sup>	83	117	123	122	133
Risk-weighted equivalent <sup>(3)</sup>					
<b>Total Derivatives</b>					
Total notional amount	736,002	765,991	730,323	634,651	511,806
Replacement cost	8,255	6,780	6,618	7,800	5,625
- gross	4,396	3,765	3,850	4,334	2,992
- net <sup>(1)</sup>	8,408	8,709	8,485	7,909	5,803
Future credit risk	12,804	12,474	12,335	12,244	8,794
Credit equivalent <sup>(2)</sup>	3,438	3,682	3,216	3,128	2,673
Risk-weighted equivalent <sup>(3)</sup>					

(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

	2014												2013		
	Q4			Q3			Q2			Q1			Q4		
	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)	balance sheet	balance sheet	On balance sheet	balance sheet	balance sheet	On balance sheet	balance sheet	balance sheet	On balance sheet	balance sheet	balance sheet	On balance sheet	balance sheet	balance sheet	On balance sheet
<b>Bank's own assets</b>															
Traditional exposures															
Insured Mortgage loans															
Retained <sup>(1)</sup>	2,173	-	-	2,164	-	-	2,236	-	-	1,772	-	-	1,973	-	-
Credit Cards															
Retained <sup>(1)</sup>															
Seller's interest	203	376	-	203	376	-	190	353	-	165	312	-	188	343	-
Purchased <sup>(2)</sup>	85	-	-	85	-	-	85	-	-	85	-	-	85	-	-
<b>Total - Bank's own assets</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>2,246</b>	<b>343</b>	<b>-</b>
<b>Third party assets</b>															
Sponsored															
Traditional exposures <sup>(3)</sup>															
Residential Mortgages - Insured	-	1,488	21	-	1,428	2	-	1,494	16	-	1,621	16	-	1,515	4
Residential Mortgages - conventional	-	244	3	-	177	-	-	46	-	-	18	-	-	15	-
Fleet Lease Receivables	-	99	1	-	100	-	-	99	1	-	96	1	-	84	-
Auto Floorplans	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auto Loans	-	299	4	-	329	1	-	373	4	-	424	4	-	485	2
Purchased															
Traditional exposures															
Insured Mortgage loans - MBS	3,599	-	1,212	3,550	-	1,132	3,251	-	1,085	3,074	-	738	2,906	-	772
Credit Cards - ABS	-	-	63	-	-	83	-	-	51	-	-	88	-	-	41
Home Equity - ABS	-	-	2	-	-	2	-	-	2	-	-	2	-	-	2
Commercial mortgage back securities (CMBS)	14	-	5	14	-	4	-	-	16	-	-	13	-	-	13
Collateralized debt obligation (CDO)	-	-	1	-	-	3	-	-	3	-	-	3	-	-	3
Collateralized mortgage obligation (CMO)	-	-	5	-	-	4	-	-	1	-	-	4	-	-	3
Synthetic exposures															
CDX tranches	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-
Resecuritized exposures															
Master Asset Vehicules <sup>(4)</sup>	1,088	831	-	1,120	835	-	1,138	844	-	1,264	873	-	1,215	886	-
Commercial paper not included in the Pan-Canadian restructuring plan	101	-	-	103	-	-	103	-	-	98	-	-	108	-	-
Collateralized mortgage obligation (CMO)	-	-	2	-	-	2	-	-	3	-	-	3	-	-	4
<b>Total - Third party assets</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>4,229</b>	<b>2,985</b>	<b>844</b>
<b>Total - Bank</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>	<b>6,475</b>	<b>3,328</b>	<b>844</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 liquidity facility line and the Bank's purchased note of Fusion 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)	2014																	
	Q4						Q3						Q2					
	Banking Book			Trading book			Banking Book			Trading book			Banking Book			Trading book		
	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	
	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>	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>

(unaudited) (millions of Canadian dollars)	2014									2013								
	Q1						Q4						Q3					
	Banking Book			Trading book			Banking Book			Trading book			Banking Book			Trading book		
	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	
	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>	165	119	312	44	-	-	188	132	343	48	-	-	190	129	346	51	-	-
<b>Total - Bank's own assets</b>	<b>165</b>	<b>119</b>	<b>312</b>	<b>44</b>	<b>-</b>	<b>-</b>	<b>188</b>	<b>132</b>	<b>343</b>	<b>48</b>	<b>-</b>	<b>-</b>	<b>190</b>	<b>129</b>	<b>346</b>	<b>51</b>	<b>-</b>	<b>-</b>
<b>Third party assets</b>																		
<b>Securitized</b>																		
7% - 30%	-	-	2,160	153	92	74	-	-	2,098	148	54	5	-	-	2,040	144	57	5
35% - 100%	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	2	1
150% - 850%	-	-	-	-	3	11	-	-	-	-	3	11	-	-	-	-	3	14
1250 %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Home Equity - ABS	-	-	-	-	2	20	-	-	-	-	2	20	-	-	-	-	2	23
Collateralized mortgage obligation (CMO)	-	-	-	-	3	42	-	-	-	-	3	40	-	-	-	-	6	75
Others	-	-	-	-	9	107	-	-	-	-	8	104	-	-	-	-	8	96
<b>Resecuritized</b>																		
7% - 30%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35% - 100%	1,146	637	873	349	-	-	1,101	608	886	355	-	-	1,137	635	888	355	-	-
150% - 850%	163	490	-	-	-	-	171	520	-	-	2	20	167	513	-	-	-	-
1250 %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master Asset Vehicles	53	667	-	-	-	-	51	638	-	-	-	-	53	664	-	-	-	-
Commercial paper not included in the Pan-Canadian restructuring plan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Collateralized mortgage obligation (CMO)	-	-	-	-	3	42	-	-	-	-	4	45	-	-	-	-	4	50
<b>Total - Third party assets</b>	<b>1,362</b>	<b>1,794</b>	<b>3,033</b>	<b>502</b>	<b>112</b>	<b>296</b>	<b>1,323</b>	<b>1,766</b>	<b>2,984</b>	<b>503</b>	<b>77</b>	<b>246</b>	<b>1,357</b>	<b>1,812</b>	<b>2,928</b>	<b>499</b>	<b>82</b>	<b>264</b>
<b>Total</b>	<b>1,527</b>	<b>1,913</b>	<b>3,345</b>	<b>546</b>	<b>112</b>	<b>296</b>	<b>1,511</b>	<b>1,898</b>	<b>3,327</b>	<b>551</b>	<b>77</b>	<b>246</b>	<b>1,547</b>	<b>1,941</b>	<b>3,274</b>	<b>550</b>	<b>82</b>	<b>264</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

	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
<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>	<b>14,467</b>	<b>5</b>	<b>13</b>	<b>1,512</b>	<b>-</b>	<b>13,993</b>	<b>5</b>	<b>12</b>	<b>1,540</b>	<b>-</b>	<b>13,820</b>	<b>6</b>	<b>15</b>	<b>1,162</b>	<b>-</b>
<b>Trading Book</b>															
Insured mortgage loans	2,398	-	-	266	242	2,214	-	-	339	202	1,921	-	-	231	200

	2014										2013				
	Q1					Q4					Q3				
	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
<b>Banking Book</b>															
Insured mortgage loans	12,088	-	-	1,035	-	12,012	-	-	1,106	-	11,880	-	-	1,098	-
Credit card receivables	1,365	6	13	-	-	1,365	5	13	-	-	1,365	5	13	-	-
<b>Total</b>	<b>13,453</b>	<b>6</b>	<b>13</b>	<b>1,035</b>	<b>-</b>	<b>13,377</b>	<b>5</b>	<b>13</b>	<b>1,106</b>	<b>-</b>	<b>13,245</b>	<b>5</b>	<b>13</b>	<b>1,098</b>	<b>-</b>
<b>Trading Book</b>															
Insured mortgage loans	1,842	-	-	282	195	1,435	-	-	148	141	1,306	-	-	159	89

(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>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.