



SUPPLEMENTARY REGULATORY CAPITAL DISCLOSURE

FOURTH QUARTER 2015

(unaudited)

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This document is available via the Bank's web site: www.nbc.ca



Notes to users

Notes to users:

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



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Regulatory Capital and Capital Ratios under Basel III⁽¹⁾

		Reference ⁽²⁾	2015				2014			
			Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
(unaudited) (millions of Canadian dollars)			All-in basis							
Common Equity Tier 1 capital: instruments and reserves										
1	Directly issued qualifying common share capital plus related contributed surplus ⁽³⁾	a + a'	2 681	2 375	2 382	2 365	2 345	2 312	2 274	2 246
2	Retained earnings	b	6 706	6 500	6 231	5 957	5 850	5 660	5 471	5 277
3	Accumulated other comprehensive income and other reserves	c	145	234	304	362	289	300	260	218
6	Common Equity Tier 1 capital before regulatory adjustments		9 532	9 109	8 917	8 684	8 484	8 272	8 005	7 741
Regulatory adjustments to Common Equity Tier 1 capital										
7	Prudential valuation adjustments		-	-	-	-	-	-	-	-
8	Goodwill (net of related tax liability)	e	1 536	1 519	1 439	1 495	1 397	1 271	1 272	1 272
9	Intangible assets other than mortgage-servicing rights	f - x	908	905	895	891	877	916	906	889
11	Accumulated other comprehensive income related to cash flow hedges	h	124	94	149	116	123	88	46	36
12	Shortfall of total provisions to expected losses	i	-	-	3	-	-	-	-	-
14	Gains (losses) due to changes in own credit risk on fair valued liabilities	j	5	-	(1)	20	9	18	12	24
15	Defined benefit pension plan assets (net of related tax liability)	k - y	154	98	78	3	93	61	110	60
16	Investments in own shares (if not already netted off contributed surplus on reported balance sheet)		4	5	10	-	-	-	6	5
22	Amount exceeding the 15% threshold		-	-	-	-	-	42	67	93
23	of which: significant investments in the common stock of financials	n	-	-	-	-	-	23	37	52
25	of which: deferred tax assets arising from temporary differences	o	-	-	-	-	-	19	30	41
26	Other deductions or regulatory adjustments to CET1 as determined by OSFI (including regulatory adjustments in respect of own use property)		-	-	-	-	-	-	26	26
28	Total regulatory adjustments to Common equity Tier 1		2 731	2 621	2 573	2 525	2 499	2 396	2 445	2 405
29	Common Equity Tier 1 capital (CET1)		6 801	6 488	6 344	6 159	5 985	5 876	5 560	5 336
Additional Tier 1 capital: instruments										
30	Directly issued qualifying Additional Tier 1 instruments plus related contributed surplus ⁽³⁾	v	650	650	650	650	650	350	350	-
31	of which: classified as equity under applicable accounting standards	v + z	650	650	650	650	650	350	350	-
32	of which: classified as liabilities under applicable accounting standards	p	-	-	-	-	-	-	-	-
33	Directly issued capital instruments subject to phase out from Additional Tier 1 ^{(3) (4)}	p' + v'	1 175	1 348	1 348	1 348	1 348	1 548	1 548	1 549
36	Additional Tier 1 capital before regulatory adjustments		1 825	1 998	1 998	1 998	1 998	1 898	1 898	1 549
Additional Tier 1 capital: regulatory adjustments										
41	Other deductions from Tier 1 capital as determined by OSFI		-	-	3	-	-	-	-	-
41a	of which: Reverse mortgages		-	-	3	-	-	-	-	-
43	Total regulatory adjustments to Additional Tier 1 capital		-	-	3	-	-	-	-	-
44	Additional Tier 1 capital (AT1)		1 825	1 998	1 995	1 998	1 998	1 898	1 898	1 549
45	Tier 1 capital (T1 = CET1 + AT1)		8 626	8 486	8 339	8 157	7 983	7 774	7 458	6 885
Tier 2 capital: instruments and provisions										
47	Directly issued capital instruments subject to phase out from Tier 2 ^{(3) (5)}	r'	1 008	1 508	1 508	1 520	1 858	1 858	1 865	1 868
50	Collective allowances	t	44	33	27	44	27	18	43	36
51	Tier 2 capital before regulatory adjustments		1 052	1 541	1 535	1 564	1 885	1 876	1 908	1 904
Tier 2 capital: regulatory adjustments										
57	Total regulatory adjustments to Tier 2 capital		-	-	-	-	-	-	-	-
58	Tier 2 capital (T2)		1 052	1 541	1 535	1 564	1 885	1 876	1 908	1 904
59	Total capital (TC = T1 + T2)		9 678	10 027	9 874	9 721	9 868	9 650	9 366	8 789

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

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

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

(4) Figures as at October 31, 2015 include the redemption of Series 20 preferred shares on November 15, 2015, and the figures as at October 31, 2014 include the redemption of Series 16 preferred shares on November 15, 2014.

(5) Figures as at October 31, 2015 include the November 2, 2015 redemption of \$500 million in notes.



Regulatory Capital and Capital Ratios under Basel III⁽¹⁾ (continued)

		2015				2014			
		Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
(unaudited) (millions of Canadian dollars)		All-in basis							
60a	Common Equity Tier 1 Capital RWA (CET1)	68 835	68 617	67 071	66 264	64 818	64 703	64 235	64 627
60b	Tier 1 Capital RWA	69 094	68 883	67 333	66 534	65 074	64 972		
60c	Total capital RWA	69 316	69 111	67 557	66 766	65 459	65 375		
Capital ratios									
61	Common Equity Tier 1 (as a percentage of risk weighted assets)	9.9%	9.5%	9.5%	9.3%	9.2%	9.1%	8.7%	8.3%
62	Tier 1 (as a percentage of risk weighted assets) ^{(2) (3)}	12.5%	12.3%	12.4%	12.3%	12.3%	12.0%	11.6%	10.7%
63	Total capital (as a percentage of risk weighted assets) ^{(2) (3) (4)}	14.0%	14.5%	14.6%	14.6%	15.1%	14.8%	14.6%	13.6%
64	Buffer requirement (minimum CET1 requirement plus capital conservation buffer plus G-SIB buffer requirement plus D-SIBs buffer requirement expressed as a percentage of risk weighted assets)	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
65	of which: capital conservation buffer requirement	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
67a	of which: D-SIBs buffer requirement	na	na	na	na	na	na	na	na
68	Common Equity Tier 1 available to meet buffers (as a percentage of risk weighted assets)	9.9%	9.5%	9.5%	9.3%	9.2%	9.1%	8.7%	8.3%
OSFI all-in target									
69	Common Equity Tier 1 all-in target ratio	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
70	Tier 1 capital all-in target ratio ⁽²⁾	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%
71	Total capital all-in target ratio ⁽²⁾	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%
Amounts below the thresholds for deduction (before risk weighting)									
72	Non-significant investments in the capital of other financial institutions	148	193	200	245	224	220	233	195
73	Significant investments in the common stock of financial institutions	412	410	297	345	390	510	497	504
75	Deferred tax assets arising from temporary differences (net of related tax liabilities)	414	427	428	424	418	413	405	390
Applicable caps on the inclusion of allowance in Tier 2									
76	Allowance eligible for inclusion in Tier 2 in respect of exposures subject to standardised approach (prior to application of cap)	35	31	27	25	7	11	33	35
77	Cap on inclusion of allowance in Tier 2 under standardised approach	68	60	53	47	53	60	55	59
78	Allowance eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)	8	2	-	19	20	7	10	1
79	Cap on inclusion of allowance in Tier 2 under internal ratings-based approach	310	318	316	313	300	295	284	284
Capital instruments subject to phase-out arrangements (only applicable between Jan 1, 2018 and Jan 1, 2022)									
82	Current cap on AT1 instruments subject to phase out arrangements	1 356	1 356	1 356	1 356	1 549	1 549	1 549	1 549
83	Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	-	-	-	-	-	-	-	102
84	Current cap on T2 instruments subject to phase out arrangements	1 667	1 667	1 667	1 667	1 905	1 905	1 905	1 905
85	Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	-	-	-	-	-	-	-	-
Transitional Capital Disclosure Template									
Transitional basis									
29	Common Equity Tier 1 capital (CET1)	8 379	8 005	7 808	7 609	7 886	7 724	7 462	7 214
45	Tier 1 capital (T1 = CET1 + AT1)	9 282	9 091	8 930	8 705	8 763	8 596	8 321	7 727
59	Total capital (TC = T1 + T2)	10 334	10 632	10 465	10 274	10 648	10 465	10 217	9 613
60	Total risk weighted assets	70 806	70 591	69 008	72 038	66 972	66 958	65 101	65 453
61	Common Equity Tier 1 (as a percentage of risk weighted assets)	11.8%	11.3%	11.3%	10.6%	11.8%	11.5%	11.5%	11.0%
62	Tier 1 (as a percentage of risk weighted assets) ⁽³⁾	13.1%	12.9%	12.9%	12.1%	13.1%	12.8%	12.8%	11.8%
63	Total capital (as a percentage of risk weighted assets) ^{(3) (4)}	14.6%	15.1%	15.2%	14.3%	15.9%	15.6%	15.7%	14.7%

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

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

(3) Ratios as at October 31, 2015 include the redemption of Series 20 preferred shares on November 15, 2015, and the ratios as at October 31, 2014 include the redemption of Series 16 preferred shares on November 15, 2014.

(4) Ratios as at October 31, 2015 include the November 2, 2015 redemption of \$500 million in notes.

Leverage Ratio under Basel III

(unaudited) (millions of Canadian dollars)

		2015			
		Q4	Q3	Q2	Q1
Accounting assets vs. leverage ratio exposure – Transitional basis					
1	Total consolidated assets as per published financial statements	216 090	215 560	207 123	214 474
2	Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	59	70	87	77
3	Adjustment for fiduciary assets recognised on the balance sheet pursuant to the operative accounting framework but excluded from the leverage ratio exposure measure	-	-	-	-
4	Adjustment for derivative financial instruments ⁽¹⁾	1 924	3 516	4 178	318
5	Adjustment for securities financing transactions ⁽¹⁾	1 972	1 415	(1 966)	(3 381)
6	Adjustment for off balance-sheet items	19 585	18 745	18 472	17 761
7	Other adjustments	(4 033)	(5 300)	(4 493)	(4 602)
8	Leverage Ratio Exposure (transitional basis)	235 597	234 006	223 401	224 647
Leverage ratio common disclosure					
On-balance sheet exposures					
1	On-balance sheet items (excluding derivatives, SFTs and grandfathered securitization exposures but including collateral)	185 659	180 550	176 215	176 139
2	(Asset amounts deducted in determining Basel III transitional Tier 1 capital)	(2 086)	(2 015)	(1 986)	(1 969)
3	Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 and 2)	183 573	178 535	174 229	174 170
Derivative exposures					
4	Replacement cost associated with all derivative transactions (i.e., net of eligible cash variation margin)	5 527	7 370	6 152	7 764
5	Add-on amounts for PFE associated with all derivative transactions	6 881	8 217	8 363	7 274
6	Gross up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the operative accounting framework	-	-	-	-
7	(Deductions of receivables assets for cash variation margin provided in derivative transactions)	-	-	-	-
8	(Exempted CCP-leg of client cleared trade exposures)	-	-	-	-
9	Adjusted effective notional amount of written credit derivatives	357	311	281	180
10	(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	-	-	-	-
11	Total derivative exposures (sum of lines 4 to 10)	12 765	15 898	14 796	15 218
Securities financing transaction exposures					
12	Gross SFT assets recognised for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions	17 702	19 413	23 887	25 597
13	(Netted amounts of cash payables and cash receivables of gross SFT assets)	(199)	(729)	(9 547)	(9 570)
14	Counterparty credit risk (CCR) exposure for SFTs	2 171	2 144	1 880	1 889
15	Agent transaction exposures	-	-	-	-
16	Total securities financing transaction exposures (sum of lines 12 to 15)	19 674	20 828	16 220	17 916
Other off-balance sheet exposures					
17	Off-balance sheet exposure at gross notional amount	55 438	53 848	52 892	52 948
18	(Adjustments for conversion to credit equivalent amounts)	(35 853)	(35 103)	(34 420)	(35 187)
19	Off-balance sheet items (sum of lines 17 and 18)	19 585	18 745	18 472	17 761
Capital and Total Exposures - Transitional Basis					
20	Tier 1 capital⁽²⁾	9 282	9 091	8 930	8 705
21	Total Exposures (sum of lines 3, 11, 16 and 19)	235 597	234 006	223 717	225 065
Leverage Ratio – Transitional Basis					
22	Basel III leverage ratio	3.9%	3.9%	4.0%	3.9%
All-in basis (Required by OSFI)					
23	Tier 1 capital – All-in basis⁽²⁾	8 626	8 486	8 339	8 157
24	(Regulatory adjustments)	(2 726)	(2 620)	(2 577)	(2 506)
25	Total Exposures	234 957	233 401	223 126	224 528
26	Leverage ratio – All-in basis⁽³⁾	3.7%	3.6%	3.7%	3.6%

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

(2) Figures as at October 31, 2015 include the redemption of Series 20 preferred shares on November 15, 2015.

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



Reconciliation between Financial Accounting and Regulatory Capital Balance Sheets⁽¹⁾

(unaudited) (millions of Canadian dollars)	Q4 2015				
	Cross - Reference to Definition of Capital ⁽²⁾	As in Report to Shareholders	Deconsolidation of Insurance ⁽³⁾ and other entities ⁽⁴⁾	Under regulatory scope of consolidation	Of which
Assets					
Cash and deposits with financial institutions		7 567	-	7 567	
Securities		56 040	2 790	58 830	
Assets purchased under reverse repurchase agreements and securities borrowed		17 702	-	17 702	
Loans					
Residential mortgage		43 520	(18 454)	25 066	
Personal and credit card		31 933	(1 388)	30 545	
Business and government		30 954	-	30 954	
Customers' liability under acceptances		9 400	-	9 400	
Less: Allowances for credit losses		(569)	-	(569)	
Collective allowances reflected in Tier 2 regulatory capital	t				(44)
Shortfall of allowances to expected loss	i				-
Allowances not reflected in regulatory capital					(525)
Other assets					
Derivative financial instruments		10 842	-	10 842	
Other		8 701	(46)	8 655	
Goodwill	e				1 536
Intangibles assets	f				1 059
Deferred tax assets					417
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					4
Deferred tax assets - other temporary differences					413
Defined-benefit pension fund net assets	k				210
Significant investments in other financial institutions					412
Significant investments exceeding regulatory thresholds	m + n				-
Significant investments not exceeding regulatory thresholds					412
Other					5 021
Total assets		216 090	(17 098)	198 992	
Liabilities					
Deposits		128 830	(225)	128 605	
Derivatives financial instruments		7 756	-	7 756	
Other liabilities		66 627	(17 098)	49 529	
Gains and losses due to changes in own credit risk on fair value liabilities	j				5
Deferred tax liabilities					168
Related to goodwill	w				-
Related to intangibles	x				151
Related to pensions	y				56
Other deferred tax liabilities					(39)
Other					49 356
Subordinated debt		1 522	-	1 522	
Regulatory capital amortization of maturing debentures					-
Fair value adjustment and unamortized issuance cost					14
Subordinated debentures used for regulatory capital					1 508
Allowed for inclusion in Tier 2 capital	r				-
Subject to phase out	r'				1 008
Ineligible additional Tier 2 capital ⁽⁵⁾					500
Excluded from Tier 2 capital due to cap					-
Total liabilities		204 735	(17 323)	187 412	
Equity Attributable to Shareholders		10 554	-	10 554	
Common shares	a				2 614
Contributed surplus	a'				67
Retained Earnings	b				6 705
Accumulated Other Comprehensive Income (loss)	c				145
Net gains (losses) on instruments designated as cash flow hedges	h				124
Other					21
Preferred shares					1 023
Allowed for inclusion in additional Tier 1 capital	v				650
Subject to phase out	v'				200
Ineligible additional Tier 1 capital ⁽⁶⁾					173
Excluded from additional Tier 1 capital due to cap					-
Non-controlling interests		801	225	1 026	
Innovative instruments					1 026
Allowed for inclusion in additional Tier 1 capital					-
Subject to phase out	p'				975
Excluded from additional Tier 1 capital due to cap					-
Other					51
Portion allowed for inclusion into CET1	d				-
Portion allowed for inclusion into Tier 1 capital	q				-
Portion allowed for inclusion into Tier 2 capital	s				-
Portion not allowed for regulatory capital					-
Total Equity		11 355	225	11 580	
Total Liabilities and Equity		216 090	(17 098)	198 992	

(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 \$150 million and \$11 million respectively.

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

(5) Due to the redemption of \$500 million in notes on November 2, 2015.

(6) Due to the redemption of Series 20 preferred shares on November 15, 2015.

Capital Adequacy under Basel III⁽¹⁾

	2015						2014						
	Q4					Q3	Q2	Q1	Q4	Q3	Q2	Q1	
	Exposure at default	Risk-weighted assets											Risk-weighted assets
(unaudited) (millions of Canadian dollars)	Standardized	AIRB Approach	Other	Total	Capital requirement ⁽²⁾								
Credit risk													
Retail													
Residential mortgages	44 431	307	4 668	-	4 975	398	4 823	4 920	4 692	4 619	4 483	4 521	4 554
Qualifying revolving retail	5 198	-	1 036	-	1 036	83	973	1 017	1 003	1 022	1 012	1 408	1 374
Other retail	15 052	1 963	4 688	-	6 651	532	6 507	5 589	5 049	5 042	4 951	5 338	5 157
Non-retail													
Corporate	54 819	2 064	24 598	-	26 662	2 133	26 486	25 683	24 155	23 434	23 064	22 378	22 075
Sovereign	25 135	-	629	-	629	50	578	633	550	529	486	462	439
Financial institutions	3 109	107	867	-	974	78	835	746	845	1 030	979	984	1 086
Banking book equity ⁽³⁾	593	-	593	-	593	47	578	633	589	478	469	581	445
Securitization	2 982	-	798	-	798	64	755	1 582	2 291	2 173	2 200	2 066	2 296
Other assets	26 420	-	-	4 252	4 252	340	4 213	4 754	5 202	5 047	5 004	4 869	4 672
Counterparty credit risk													
Corporate	3 610	15	81	-	96	8	102	69	80	112	361	162	217
Sovereign	10 449	-	22	-	22	2	16	13	6	9	9	8	12
Financial institutions	59 924	-	1 402	-	1 402	112	1 756	1 477	1 423	1 827	1 893	2 132	2 820
Trading portfolio	10 318	237	2 537	-	2 774	222	3 765	3 572	3 743	3 275	3 448	3 009	2 941
Credit valuation adjustment charge ⁽⁴⁾		2 367	-	-	2 367	189	2 434	2 395	2 475	1 828	1 914	1 607	1 625
Regulatory scaling factor		-	2 512	-	2 512	201	2 577	2 511	2 430	2 357	2 313	2 319	2 317
Total - Credit risk	262 040	7 060	44 431	4 252	55 743	4 459	56 398	55 594	54 533	52 782	52 586	51 844	52 030
Market risk													
VaR		-	1 262	-	1 262	101	976	731	693	860	780	818	903
Stressed VaR		-	1 875	-	1 875	150	1 225	953	1 086	1 218	1 351	1 783	1 831
Interest-rate specific risk		828	-	-	828	66	920	864	1 099	1 239	1 310	1 287	1 376
Total - Market risk		828	3 137	-	3 965	317	3 121	2 548	2 878	3 317	3 441	3 888	4 110
Operational risk		9 127	-	-	9 127	730	9 098	8 929	8 853	8 719	8 676	8 503	8 487
Total	262 040	17 015	47 568	4 252	68 835	5 506	68 617	67 071	66 264	64 818	64 703	64 235	64 627
Capital ratio under Basel III													
Common Equity Tier 1 (CET1)					9.9%		9.5%	9.5%	9.3%	9.2%	9.1%	8.7%	8.3%
Tier 1 ⁽⁵⁾					12.5%		12.3%	12.4%	12.3%	12.3%	12.0%	11.6%	10.7%
Total ^{(5) (6)}					14.0%		14.5%	14.6%	14.6%	15.1%	14.8%	14.6%	13.6%
Leverage ratio under Basel III⁽⁷⁾					3.7%		3.6%	3.7%	3.6%				

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

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

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

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

(5) Ratios as at October 31, 2015 include the redemption of Series 20 preferred shares on November 15, 2015, and the ratios as at October 31, 2014 include the redemption of Series 16 preferred shares on November 15, 2014.

(6) Ratios as at October 31, 2015 include the November 2, 2015 redemption of \$500 million in notes.

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



Risk-Weighted Assets Movement by Key Drivers⁽¹⁾

(unaudited) (millions of Canadian dollars)	2015						2014			
	Q4			Q3	Q2	Q1	Q4	Q3	Q2	Q1
	Non-counterparty credit risk	Counterparty credit risk ⁽²⁾	Total	Total	Total	Total	Total	Total	Total	Total
Credit risk – Risk-weighted assets at beginning	48 325	8 073	56 398	55 594	54 533	52 782	52 586	51 844	52 030	49 451
Book size	1 170	(132)	1 038	146	844	757	975	1 082	(141)	1 209
Book quality	(59)	(306)	(365)	80	563	500	(529)	297	(120)	(697)
Model updates	(351)	(973)	(1 324)	(168)	-	(229)	(433)	(672)	-	-
Methodology and policy	-	-	-	-	-	-	-	-	-	1 625
Acquisitions and disposals	-	-	-	-	-	-	-	-	-	-
Foreign exchange movements	(3)	(1)	(4)	746	(346)	723	183	35	75	442
Credit risk – Risk-weighted assets at end	49 082	6 661	55 743	56 398	55 594	54 533	52 782	52 586	51 844	52 030
Market risk – Risk-weighted assets at beginning			3 121	2 548	2 878	3 317	3 441	3 888	4 110	3 382
Movement in risk levels ⁽³⁾			217	23	(330)	(439)	(124)	(447)	(222)	728
Model updates			627	550	-	-	-	-	-	-
Methodology and policy			-	-	-	-	-	-	-	-
Acquisitions and disposals			-	-	-	-	-	-	-	-
Market risk – Risk-weighted assets at end			3 965	3 121	2 548	2 878	3 317	3 441	3 888	4 110
Operational risk – Risk-weighted assets at beginning			9 098	8 929	8 853	8 719	8 676	8 503	8 487	8 418
Movement in risk levels			29	169	76	134	43	173	16	69
Acquisitions and disposals			-	-	-	-	-	-	-	-
Operational risk – Risk-weighted assets at end			9 127	9 098	8 929	8 853	8 719	8 676	8 503	8 487
Risk-weighted assets at end			68 835	68 617	67 071	66 264	64 818	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.



Reconciliation of Balance Sheet with Credit Risk Exposures

(unaudited) (millions of Canadian dollars)	Q4 2015							
	Exposures subject to credit risk capital					Other exposures		Balance sheet
	Drawn		Other exposures			Subject to market risk capital	All other ⁽¹⁾	
	Non-retail	Retail	Securitization	Repo-style transactions	Derivatives financial instruments			
Assets								
Cash and deposits with financial institutions ⁽²⁾	6 947	-	-	-	-	-	620	7 567
Securities								
At fair value through profit or loss	2 905	-	642	-	-	38 450	-	41 997
Available-for-sale	13 921	-	7	-	-	-	115	14 043
	16 826	-	649	-	-	38 450	115	56 040
Securities purchased under reverse repurchase agreements and securities borrowed	-	-	-	17 702	-	-	-	17 702
Loans								
Residential mortgage ⁽³⁾	22 825	20 695	-	-	-	-	-	43 520
Personal and credit card	-	30 545	1 388	-	-	-	-	31 933
Business and government	29 125	1 829	-	-	-	-	-	30 954
Customers' liability under acceptances	51 950	53 069	1 388	-	-	-	-	106 407
Allowance for credit losses	9 400	-	-	-	-	-	-	9 400
	(151)	(28)	-	-	-	-	(390)	(569)
	61 199	53 041	1 388	-	-	-	(390)	115 238
Other								
Derivative financial instruments ⁽²⁾	-	-	-	-	10 842	-	-	10 842
Due from clients, dealers and brokers	-	-	-	-	-	-	415	415
Purchase receivables	-	773	-	-	-	-	665	1 438
Investments in associates and joint ventures	-	-	-	-	-	-	831	831
Premises and equipment	-	1 386	-	-	-	-	431	1 817
Goodwill	-	-	-	-	-	-	1 277	1 277
Intangible assets	-	-	-	-	-	-	1 059	1 059
Other assets	-	-	-	-	-	-	1 864	1 864
	-	2 159	-	-	10 842	-	6 542	19 543
	84 972	55 200	2 037	17 702	10 842	38 450	6 887	216 090

(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⁽¹⁾

2015								
(unaudited) (millions of Canadian dollars)								
Q4								
Risk Weight	0%	20%	35%	50%	75%	100%	150%	Total
Retail								
Residential mortgage	-	-	857	10	235	67	-	1 169
Other retail	-	-	-	-	5 264	-	-	5 264
	-	-	857	10	5 499	67	-	6 433
Non-Retail								
Corporate	-	-	-	-	-	3 200	1	3 201
Sovereign	248	-	-	-	-	-	-	248
Financial Institutions	-	447	-	-	-	17	-	464
	248	447	-	-	-	3 217	1	3 913
Trading	-	-	-	-	-	519	-	519
Total	248	447	857	10	5 499	3 803	1	10 865

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

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

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

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

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

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

Maximum Credit Risk Exposure Under the Basel Asset Categories⁽¹⁾

(unaudited) (millions of Canadian dollars)	2015																	
	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
Retail																		
Residential mortgage	38 784	5 647	-	-	-	44 431	38 682	5 739	-	-	-	44 421	36 865	5 615	-	-	-	42 480
Qualifying revolving retail	2 708	2 490	-	-	-	5 198	2 608	2 408	-	-	-	5 016	2 648	2 442	-	-	-	5 090
Other retail	13 736	1 302	-	-	14	15 052	13 508	1 313	-	-	14	14 835	11 826	1 267	-	-	13	13 106
	55 228	9 439	-	-	14	64 681	54 798	9 460	-	-	14	64 272	51 339	9 324	-	-	13	60 676
Non-retail																		
Corporate	38 859	13 344	3 604	6	2 616	58 429	37 554	13 050	3 552	2	2 659	56 817	36 426	13 179	4 546	4	2 562	56 717
Sovereign	21 026	3 985	9 833	616	124	35 584	19 704	3 438	10 504	304	111	34 061	18 341	3 479	8 464	321	96	30 701
Financial Institutions	2 139	277	59 420	505	692	63 033	1 888	228	61 376	421	645	64 558	1 861	277	61 896	717	657	65 408
	62 024	17 606	72 857	1 127	3 432	157 046	59 146	16 716	75 432	727	3 415	155 436	56 628	16 935	74 906	1 042	3 315	152 826
Trading book	-	-	-	10 318	-	10 318	-	-	-	12 003	-	12 003	-	-	-	11 394	-	11 394
Securitization	646	-	-	-	2 336	2 982	610	-	-	-	2 235	2 845	1 131	-	-	-	2 956	4 087
Total - Gross Credit Risk	117 898	27 045	72 857	11 445	5 782	235 027	114 554	26 176	75 432	12 730	5 664	234 556	109 098	26 259	74 906	12 436	6 284	228 983
Standardized Approach	9 074	339	496	525	431	10 865	9 249	338	1 291	622	436	11 936	6 839	304	1 890	372	513	9 918
AIRB Approach⁽²⁾	108 824	26 706	72 361	10 920	5 351	224 162	105 305	25 838	74 141	12 108	5 228	222 620	102 259	25 955	73 016	12 064	5 771	219 065
Total - Gross Credit Risk	117 898	27 045	72 857	11 445	5 782	235 027	114 554	26 176	75 432	12 730	5 664	234 556	109 098	26 259	74 906	12 436	6 284	228 983
Adjustment to exposure for collateral																		
Standardized Approach	-	-	(487)	(282)	-	(769)	-	-	(1 240)	(285)	-	(1 525)	-	-	(1 859)	(165)	-	(2 024)
AIRB Approach⁽²⁾	-	-	(63 535)	-	-	(63 535)	-	-	(64 634)	-	-	(64 634)	-	-	(64 520)	-	-	(64 520)
Total - Net Credit Risk	117 898	27 045	8 835	11 163	5 782	170 723	114 554	26 176	9 558	12 445	5 664	168 397	109 098	26 259	8 527	12 271	6 284	162 439

(unaudited) (millions of Canadian dollars)	2015									2014								
	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
Retail																		
Residential mortgage	36 044	5 499	-	-	-	41 543	35 511	5 339	-	-	-	40 850	35 069	5 319	-	-	-	40 388
Qualifying revolving retail	2 639	2 345	-	-	-	4 984	2 671	2 356	-	-	-	5 027	2 620	2 372	-	-	-	4 992
Other retail	11 085	1 225	-	-	13	12 323	11 061	1 205	-	-	14	12 280	11 000	1 199	-	-	14	12 213
	49 768	9 069	-	-	13	58 850	49 243	8 900	-	-	14	58 157	48 689	8 890	-	-	14	57 593
Non-retail																		
Corporate	34 919	13 361	5 410	10	2 726	56 426	34 070	13 141	5 282	5	2 456	54 954	32 975	12 626	8 128	49	2 348	56 126
Sovereign	19 673	3 229	11 655	187	101	34 845	20 429	3 080	12 187	182	100	35 978	18 209	2 855	10 394	166	98	31 722
Financial Institutions	2 186	241	56 181	414	737	59 759	2 350	248	53 235	516	624	56 973	2 411	221	50 878	669	640	54 819
	56 778	16 831	73 246	611	3 564	151 030	56 849	16 469	70 704	703	3 180	147 905	53 595	15 702	69 400	884	3 086	142 667
Trading book	-	-	-	11 476	-	11 476	-	-	-	9 981	-	9 981	-	-	-	9 846	-	9 846
Securitization	1 156	-	-	-	3 011	4 167	1 190	-	-	-	2 955	4 145	1 223	-	-	-	2 854	4 077
Total - Gross Credit Risk	107 702	25 900	73 246	12 087	6 588	225 523	107 282	25 369	70 704	10 684	6 149	220 188	103 507	24 592	69 400	10 730	5 954	214 183
Standardized Approach	5 947	275	3 728	1 106	569	11 625	6 228	284	2 468	509	599	10 088	5 628	324	4 741	621	1 003	12 317
AIRB Approach⁽²⁾	101 755	25 625	69 518	10 981	6 019	213 898	101 054	25 085	68 236	10 175	5 550	210 100	97 879	24 268	64 659	10 109	4 951	201 866
Total - Gross Credit Risk	107 702	25 900	73 246	12 087	6 588	225 523	107 282	25 369	70 704	10 684	6 149	220 188	103 507	24 592	69 400	10 730	5 954	214 183
Adjustment to exposure for collateral																		
Standardized Approach	-	-	(3 680)	(717)	-	(4 397)	-	-	(2 440)	(301)	-	(2 741)	-	-	(4 483)	(209)	-	(4 692)
AIRB Approach⁽²⁾	-	-	(61 477)	-	-	(61 477)	-	-	(60 245)	-	-	(60 245)	-	-	(57 712)	-	-	(57 712)
Total - Net Credit Risk	107 702	25 900	8 089	11 370	6 588	159 649	107 282	25 369	8 019	10 383	6 149	157 202	103 507	24 592	7 205	10 521	5 954	151 779

(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⁽¹⁾

			2015								
			Q4								
(unaudited) (millions of Canadian dollars)			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 % ⁽²⁾
Canadian residential mortgage and HELOCs	Risk Grade	PD bands									
Insured Drawn and Undrawn⁽³⁾	Exceptionally low	0.000% - 0.144%	1 960	–	100%	0.07%	17.9%	3.3%	64	0.3	3%
	Very low	0.145% - 0.506%	2 255	–	100%	0.30%	10.2%	5.1%	116	0.6	5%
	Low	0.507% - 1.116%	915	–	100%	0.76%	5.2%	5.3%	48	0.4	6%
	Low	1.117% - 2.681%	469	–	100%	1.70%	3.4%	5.8%	27	0.3	7%
	Medium	2.682% - 9.348%	670	–	100%	5.22%	2.7%	8.8%	59	0.9	11%
	High	9.349% - 99.99%	161	–	100%	26.81%	2.6%	13.9%	22	1.1	23%
	Default	100.00%	69	–	100%	100.00%	2.9%	23.3%	16	1.1	44%
				6 499	–	100%	2.62%	10.3%	5.4%	352	4.7
Uninsured Undrawn⁽⁴⁾	Exceptionally low	0.000% - 0.144%	4 077	9 339	58%	0.05%	22.6%	3.1%	127	0.5	3%
	Very low	0.145% - 0.506%	1 389	3 244	70%	0.25%	23.5%	11.1%	155	0.8	12%
	Low	0.507% - 1.116%	111	146	81%	0.72%	23.7%	23.8%	26	0.2	26%
	Low	1.117% - 2.681%	31	40	81%	1.71%	23.7%	41.6%	13	0.1	47%
	Medium	2.682% - 9.348%	9	12	84%	4.29%	23.9%	71.2%	7	0.1	84%
	High	9.349% - 99.99%	1	1	84%	15.53%	23.4%	124.4%	2	0.1	175%
	Default	100.00%	2	3	65%	100.00%	24.0%	300.2%	5	–	300%
				5 620	12 785	62%	0.16%	22.9%	6.0%	335	1.8
Uninsured Drawn⁽⁵⁾	Exceptionally low	0.000% - 0.144%	15 219			0.07%	23.1%	4.2%	640	2.6	4%
	Very low	0.145% - 0.506%	11 730			0.27%	25.5%	12.6%	1 478	8.1	13%
	Low	0.507% - 1.116%	2 713			0.72%	25.5%	25.5%	693	5.0	28%
	Low	1.117% - 2.681%	799			1.69%	25.4%	44.4%	355	3.4	50%
	Medium	2.682% - 9.348%	424			4.87%	26.4%	84.1%	356	5.5	100%
	High	9.349% - 99.99%	186			27.04%	28.2%	149.3%	278	14.5	247%
	Default	100.00%	73			100.00%	27.4%	249.5%	181	8.4	394%
				31 144			0.70%	24.4%	12.8%	3 981	47.5
Qualifying revolving credit	Exceptionally low	0.000% - 0.144%	2 717	4 681	58%	0.05%	71.0%	2.3%	63	1.0	3%
	Very low	0.145% - 0.506%	919	610	82%	0.29%	70.0%	10.1%	92	1.9	13%
	Low	0.507% - 1.116%	577	219	90%	0.78%	71.2%	22.5%	130	3.2	29%
	Low	1.117% - 2.681%	522	135	95%	1.79%	76.8%	45.4%	237	7.2	63%
	Medium	2.682% - 9.348%	366	44	101%	4.56%	77.4%	86.6%	318	12.7	130%
	High	9.349% - 99.99%	74	4	102%	20.59%	73.6%	183.4%	136	11.9	384%
	Default	100.00%	23	–	104%	100.00%	58.8%	263.3%	60	11.3	877%
				5 198	5 693	74%	1.40%	71.9%	19.9%	1 036	49.2
Other retail⁽⁶⁾	Exceptionally low	0.000% - 0.144%	2 309	1 433	86%	0.07%	40.0%	7.1%	163	0.6	7%
	Very low	0.145% - 0.506%	2 645	379	98%	0.30%	49.7%	26.0%	689	4.0	28%
	Low	0.507% - 1.116%	2 295	271	98%	0.80%	60.4%	55.2%	1 268	11.2	61%
	Low	1.117% - 2.681%	1 513	85	99%	1.75%	64.5%	79.4%	1 201	17.1	94%
	Medium	2.682% - 9.348%	729	29	99%	4.35%	66.2%	95.8%	698	20.7	131%
	High	9.349% - 99.99%	188	5	98%	21.64%	62.6%	132.2%	249	26.2	306%
	Default	100.00%	108	7	96%	100.00%	60.3%	390.5%	420	35.4	803%
				9 787	2 209	95%	2.40%	53.8%	47.9%	4 688	115.2
			58 248	20 687	87%	1.21%	31.8%	17.8%	10 392	218.4	23%

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

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

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

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

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

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



Credit Quality of AIRB Exposure - Retail Portfolios⁽¹⁾

			2015								
			Q3								
			EAD	Notional of undrawn commitments	Exposure weighted-average (EAD %)	Exposure weighted-average (PD %)	Exposure weighted-average (LGD %)	Exposure weighted-average risk weight asset (RWA %)	RWA	Expected Losses (EL)	EL adjusted average risk weight % ⁽²⁾
Canadian residential mortgage and HELOCs	Risk Grade	PD bands									
Insured Drawn and Undrawn ⁽³⁾	Exceptionally low	0.000% - 0.144%	2 106	–	100%	0.07%	17.9%	3.3%	69	0.3	3%
	Very low	0.145% - 0.506%	2 409	–	100%	0.30%	10.2%	5.2%	124	0.7	6%
	Low	0.507% - 1.116%	990	–	100%	0.76%	5.2%	5.3%	52	0.4	6%
	Low	1.117% - 2.681%	567	–	100%	1.70%	3.3%	5.8%	33	0.3	6%
	Medium	2.682% - 9.348%	747	–	100%	5.25%	2.7%	8.7%	65	1.0	10%
	High	9.349% - 99.99%	172	–	100%	25.70%	2.6%	14.0%	24	1.1	22%
	Default	100.00%	68	–	100%	100.00%	2.9%	23.4%	16	1.0	41%
				7 059	–	100%	2.51%	10.2%	5.4%	383	4.8
Uninsured Undrawn ⁽⁴⁾	Exceptionally low	0.000% - 0.144%	4 218	9 675	59%	0.05%	22.6%	3.1%	131	0.5	3%
	Very low	0.145% - 0.506%	1 349	3 062	72%	0.25%	23.7%	11.1%	150	0.8	12%
	Low	0.507% - 1.116%	103	129	83%	0.72%	23.9%	23.9%	25	0.2	26%
	Low	1.117% - 2.681%	29	34	84%	1.67%	23.8%	41.3%	12	0.1	46%
	Medium	2.682% - 9.348%	10	12	83%	4.49%	24.2%	73.9%	7	0.1	88%
	High	9.349% - 99.99%	1	1	97%	17.33%	24.9%	130.6%	1	–	185%
	Default	100.00%	1	2	61%	100.00%	23.1%	288.7%	2	–	289%
				5 711	12 915	62%	0.14%	22.9%	5.7%	328	1.7
Uninsured Drawn ⁽⁵⁾	Exceptionally low	0.000% - 0.144%	14 957			0.07%	23.2%	4.2%	627	2.5	4%
	Very low	0.145% - 0.506%	11 190			0.27%	25.4%	12.5%	1 394	7.6	13%
	Low	0.507% - 1.116%	2 570			0.72%	25.4%	25.3%	649	4.7	28%
	Low	1.117% - 2.681%	730			1.70%	25.2%	44.2%	323	3.1	50%
	Medium	2.682% - 9.348%	410			4.77%	26.3%	83.2%	341	5.2	99%
	High	9.349% - 99.99%	194			27.48%	28.5%	152.1%	296	15.7	253%
	Default	100.00%	68			100.00%	27.9%	247.4%	167	9.5	423%
				30 119			0.70%	24.3%	12.6%	3 797	48.3
Qualifying revolving credit	Exceptionally low	0.000% - 0.144%	2 635	4 540	58%	0.05%	70.4%	2.3%	61	0.9	3%
	Very low	0.145% - 0.506%	893	580	83%	0.29%	69.4%	10.0%	89	1.8	12%
	Low	0.507% - 1.116%	558	207	90%	0.78%	70.3%	22.1%	124	3.1	29%
	Low	1.117% - 2.681%	492	125	95%	1.79%	75.6%	44.8%	220	6.7	62%
	Medium	2.682% - 9.348%	345	41	101%	4.56%	75.8%	84.7%	292	11.8	128%
	High	9.349% - 99.99%	69	4	102%	19.96%	72.0%	177.4%	122	10.4	367%
	Default	100.00%	24	–	104%	100.00%	59.2%	276.4%	65	11.5	884%
				5 016	5 497	74%	1.40%	71.1%	19.4%	973	46.2
Other retail ⁽⁶⁾	Exceptionally low	0.000% - 0.144%	2 319	1 408	86%	0.07%	39.7%	7.0%	163	0.6	7%
	Very low	0.145% - 0.506%	2 631	367	98%	0.30%	49.5%	26.0%	684	4.0	28%
	Low	0.507% - 1.116%	2 268	265	98%	0.80%	60.1%	54.9%	1 244	11.0	61%
	Low	1.117% - 2.681%	1 540	115	99%	1.75%	64.4%	79.3%	1 221	17.4	93%
	Medium	2.682% - 9.348%	700	34	98%	4.35%	66.5%	96.3%	674	19.9	132%
	High	9.349% - 99.99%	181	5	98%	20.45%	61.4%	130.6%	236	22.9	289%
	Default	100.00%	112	8	99%	100.00%	60.9%	393.1%	439	36.7	805%
				9 751	2 202	95%	2.40%	53.6%	47.8%	4 661	112.5
			57 656	20 614	87%	1.22%	31.5%	17.6%	10 142	213.5	22%

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

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

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

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

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

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



AIRB Credit Risk Exposure - Back-Testing⁽¹⁾

	2015											
	Q4						Q3					
	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) ⁽²⁾	Actual (LGD %) ⁽³⁾	Estimated (EAD %) ⁽⁴⁾	Actual (EAD %) ⁽⁴⁾	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) ⁽²⁾	Actual (LGD %) ⁽³⁾	Estimated (EAD %) ⁽⁴⁾	Actual (EAD %) ⁽⁴⁾
<i>(unaudited) (millions of Canadian dollars)</i>												
Retail portfolio⁽⁵⁾												
Uninsured residential mortgages incl. Home equity line of credit ⁽⁶⁾	0.43%	0.20%	29.45%	7.05%	97.42%	75.74%	0.46%	0.20%	27.44%	6.86%	98.11%	78.38%
Insured residential mortgages ⁽⁷⁾	1.36%	0.94%	2.83%	na	na	na	1.48%	0.95%	2.78%	na	na	na
Qualifying revolving retail	1.40%	1.22%	73.94%	78.31%	99.64%	97.45%	1.41%	1.18%	74.22%	80.23%	95.94%	96.82%
Other retail	1.81%	1.90%	68.32%	60.07%	92.46%	92.32%	1.82%	1.88%	69.26%	62.61%	92.44%	89.46%
Wholesale & Sovereign portfolio⁽⁸⁾												
Corporate	1.67%	0.77%	42.26%	33.16%	83.12%	73.91%	1.63%	0.74%	40.57%	24.93%	82.75%	67.85%
Sovereign ⁽⁹⁾	0.04%	0.00%	11.54%	na	81.00%	na	0.03%	0.00%	11.54%	na	81.00%	na
Financial Institutions ⁽⁹⁾	0.62%	0.00%	39.00%	na	100.00%	na	0.64%	0.00%	39.00%	na	100.00%	na

	2015											
	Q2						Q1					
	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) ⁽²⁾	Actual (LGD %) ⁽³⁾	Estimated (EAD %) ⁽⁴⁾	Actual (EAD %) ⁽⁴⁾	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) ⁽²⁾	Actual (LGD %) ⁽³⁾	Estimated (EAD %) ⁽⁴⁾	Actual (EAD %) ⁽⁴⁾
<i>(unaudited) (millions of Canadian dollars)</i>												
Retail portfolio⁽⁵⁾												
Uninsured residential mortgages incl. Home equity line of credit ⁽⁶⁾	0.47%	0.20%	26.36%	5.72%	97.72%	83.58%	0.48%	0.23%	28.24%	8.60%	98.16%	85.55%
Insured residential mortgages ⁽⁷⁾	1.47%	0.92%	2.78%	na	na	na	1.47%	1.09%	2.71%	na	na	na
Qualifying revolving retail	1.48%	1.20%	76.40%	80.31%	95.75%	96.33%	1.43%	1.24%	76.88%	78.11%	96.02%	96.58%
Other retail	1.78%	1.79%	68.62%	62.27%	92.26%	90.50%	1.87%	1.87%	68.34%	61.98%	92.39%	88.88%
Wholesale & Sovereign portfolio⁽⁸⁾												
Corporate	1.64%	0.75%	39.03%	29.94%	82.34%	71.94%	1.61%	0.72%	39.24%	30.80%	82.30%	70.86%
Sovereign ⁽⁹⁾	0.03%	0.00%	11.54%	na	81.00%	na	0.03%	0.00%	11.54%	na	81.00%	na
Financial Institutions ⁽⁹⁾	0.70%	0.00%	39.00%	na	100.00%	na	0.59%	0.00%	39.00%	na	100.00%	na

	2014											
	Q4						Q3					
	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) ⁽²⁾	Actual (LGD %) ⁽³⁾	Estimated (EAD %) ⁽⁴⁾	Actual (EAD %) ⁽⁴⁾	Average estimated (PD %)	Actual default rate (%)	Average estimated (LGD %) ⁽²⁾	Actual (LGD %) ⁽³⁾	Estimated (EAD %) ⁽⁴⁾	Actual (EAD %) ⁽⁴⁾
<i>(unaudited) (millions of Canadian dollars)</i>												
Retail portfolio⁽⁵⁾												
Uninsured residential mortgages incl. Home equity line of credit ⁽⁶⁾	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 ⁽⁷⁾	1.42%	0.99%	2.71%	na	na	na	1.22%	0.88%	1.51%	na	na	na
Qualifying revolving retail	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	1.83%	1.71%	68.40%	61.74%	92.55%	89.70%	1.39%	1.74%	67.09%	62.41%	92.25%	88.98%
Wholesale & Sovereign portfolio⁽⁸⁾												
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 ⁽⁹⁾	0.03%	0.00%	11.54%	na	81.00%	na	0.03%	0.00%	11.54%	na	81.00%	na
Financial Institutions ⁽⁹⁾	0.50%	0.00%	39.00%	na	100.00%	na	0.47%	0.00%	39.00%	na	100.00%	na

(1) Actual and estimated parameters are reported on a three-month lag. For example, for Q4-2015, estimated percentages are as of July 31, 2014 and actual percentages reflect experience in the following 12 months .

(2) Estimated LGD reflects loss estimates under a downturn economic scenario and is based on defaulted accounts.

(3) Actual LGD includes indirect costs and discount rate and is based on defaulted accounts on which recovery process is completed.

(4) Estimated and actual EAD are computed for revolving products only and are based on defaulted accounts.

(5) Retail PD and EAD are based on account weighted average whilst retail LGD is based on exposure weighted average.

(6) Actual and estimated EAD for residential mortgage is computed only for Home equity lines of credit since the conventional residential mortgages are non-revolving.

(7) Actual LGD for insured residential mortgages is n/a to reflect the credit risk mitigation from government backed entities.

(8) Wholesale and Sovereign's PD is based on borrower weighted average whilst the LGD and EAD are based on facility weighted average.

(9) 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 (Non-Retail Portfolio by Industries)

	2015																	
	Q4						Q3						Q2					
	EAD - Gross Exposure ⁽¹⁾																	
	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
Non-Retail Portfolio																		
Agriculture	3 509	190	6	-	-	3 705	3 314	178	6	-	-	3 498	3 124	180	4	-	-	3 308
Mining, Oil and Gas	3 566	2 301	190	-	-	6 057	3 625	2 603	167	-	-	6 395	3 972	2 372	144	-	-	6 488
Utilities	1 758	2 023	367	-	-	4 148	1 646	2 603	240	-	-	3 528	1 544	1 766	230	-	1	3 541
Construction ⁽²⁾	2 185	1 263	207	-	-	3 655	2 273	1 312	215	-	-	3 800	2 036	1 068	193	-	-	3 297
Manufacturing	3 573	1 978	268	-	-	5 819	3 656	1 826	283	-	-	5 765	3 462	1 836	268	-	-	5 566
Wholesale Trade	1 814	533	50	-	-	2 397	1 760	552	66	-	-	2 378	1 762	547	66	-	-	2 375
Retail Trade	2 830	1 002	49	-	-	3 881	2 917	921	58	-	-	3 896	3 198	793	62	-	-	4 053
Transportation	1 932	1 562	80	-	-	3 574	1 840	1 667	77	-	-	3 584	1 679	1 881	66	-	-	3 626
Communications	1 212	545	283	-	-	2 040	1 185	534	279	-	-	1 998	1 166	653	283	-	-	2 102
Finance and Insurance	18 847	1 670	660	72 179	1 127	94 483	16 182	1 379	817	74 218	727	93 323	14 931	1 300	740	73 666	1 041	91 678
Real Estate ⁽³⁾	7 508	554	32	63	-	8 157	7 119	623	46	70	-	7 858	6 847	704	27	78	-	7 656
Professional Services	980	685	348	-	-	2 013	1 051	639	351	-	-	2 041	1 010	712	327	-	-	2 049
Education & Health Care	2 453	1 069	6	-	-	3 528	2 566	738	5	-	-	3 309	2 341	708	5	-	-	3 054
Other Services	3 988	988	250	-	-	5 226	4 521	868	199	112	-	5 700	4 207	1 005	210	1	-	5 423
Government	3 974	1 243	11	615	-	5 843	3 706	1 233	7	1 032	-	5 978	3 689	1 410	7	1 161	-	6 267
Other	1 895	-	625	-	-	2 520	1 785	1	599	-	-	2 385	1 660	-	683	-	-	2 343
Total - Non-retail⁽⁴⁾	62 024	17 606	3 432	72 857	1 127	157 046	59 146	16 716	3 415	75 432	727	155 436	56 628	16 935	3 315	74 906	1 042	152 826

	2015									2014								
	Q1						Q4						Q3					
	EAD - Gross Exposure ⁽¹⁾																	
	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
Non-Retail Portfolio																		
Agriculture	3 064	188	4	-	-	3 256	2 938	165	4	-	-	3 107	2 878	169	4	-	-	3 051
Mining, Oil and Gas	3 721	2 455	147	-	-	6 323	3 250	2 463	140	-	-	5 853	3 366	2 317	138	-	-	5 821
Utilities	1 490	1 582	220	-	-	3 292	1 184	1 752	210	-	4	3 150	1 042	1 800	205	-	1	3 048
Construction ⁽²⁾	1 751	1 108	195	-	-	3 054	1 736	1 117	156	-	-	3 009	1 635	1 110	136	-	-	2 881
Manufacturing	3 374	1 972	283	-	-	5 629	3 471	1 842	243	-	-	5 556	3 298	1 764	255	-	-	5 317
Wholesale Trade	1 782	655	57	-	-	2 494	1 867	658	51	-	-	2 576	1 878	580	48	-	-	2 506
Retail Trade	3 074	972	40	-	-	4 086	3 075	903	40	-	-	4 018	3 168	783	42	-	-	3 993
Transportation	1 680	1 612	73	-	-	3 365	1 231	1 677	57	-	-	2 965	1 140	1 724	56	-	-	2 920
Communications	1 213	611	348	-	-	2 172	1 364	599	265	-	-	2 228	1 373	665	231	-	-	2 269
Finance and Insurance	16 294	1 359	1 257	71 450	611	90 971	18 224	1 241	1 129	69 975	699	91 268	16 012	1 189	717	68 071	883	86 872
Real Estate ⁽³⁾	6 521	725	22	78	-	7 346	6 425	608	22	77	-	7 132	6 056	598	17	74	-	6 745
Professional Services	1 106	767	336	-	-	2 209	1 443	828	314	-	-	2 585	1 383	693	340	-	-	2 416
Education & Health Care	2 494	729	5	-	-	3 228	2 607	666	5	-	-	3 278	2 616	535	3	-	-	3 154
Other Services	4 145	998	206	12	-	5 361	3 554	844	169	-	-	4 567	3 516	751	171	-	-	4 438
Government	4 091	1 098	5	1 698	-	6 892	3 321	1 106	5	651	-	5 083	2 579	1 024	4	1 254	-	4 861
Other	978	-	366	8	-	1 352	1 159	-	370	1	-	1 530	1 655	-	719	1	-	2 375
Total - Non-retail⁽⁴⁾	56 778	16 831	3 564	73 246	611	151 030	56 849	16 469	3 180	70 704	703	147 905	53 595	15 702	3 086	69 400	884	142 667

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

(2) Includes some public private partnership and project finance loans.

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

(4) This total excludes SME retail exposure.

Gross Credit Risk Exposure at Default in Europe⁽¹⁾

(unaudited) (millions of Canadian dollars)	2015																		
	Q4						Q3						Q2						
	Drawn	Undrawn commitments	Repo-style transactions ⁽²⁾	OTC derivatives	Other off-balance sheet items ⁽³⁾	Total	Drawn	Undrawn commitments	Repo-style transactions ⁽²⁾	OTC derivatives	Other off-balance sheet items ⁽³⁾	Total	Drawn	Undrawn commitments	Repo-style transactions ⁽²⁾	OTC derivatives	Other off-balance sheet items ⁽³⁾	Total	
Greece	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Ireland	-	-	784	-	-	784	-	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spain	30	-	-	1	102	133	25	-	-	2	133	160	24	-	-	1	134	159	
Total GIIPS	30	-	784	1	102	917	25	-	2	134	161	24	-	-	1	135	160		
France	47	4	1 794	502	220	2 567	89	2	2 419	505	286	3 301	63	2	1 468	570	291	2 394	
Germany	6	103	-	23	44	176	1	108	254	23	42	428	131	122	239	16	41	549	
United Kingdom	269	5	3 831	786	10	4 901	661	2	4 946	876	1	6 486	622	3	4 541	852	1	6 019	
Other Europe	195	12	847	308	16	1 378	71	5	951	377	20	1 424	148	7	518	448	20	1 141	
Total - Credit Risk	547	124	7 256	1 620	392	9 939	847	117	8 570	1 783	483	11 800	988	134	6 766	1 887	488	10 263	

Adjustment to exposure for collateral	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items ⁽³⁾	Total	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items ⁽³⁾	Total	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items ⁽³⁾	Total
	Total - Net Credit Risk⁽⁴⁾	547	124	1 969	392	3 032	847	117	1 802	483	3 249	988	134	2 019	488

(unaudited) (millions of Canadian dollars)	2015										2014									
	Q1					Q4					Q3									
	Drawn	Undrawn commitments	Repo-style transactions ⁽²⁾	OTC derivatives	Other off-balance sheet items ⁽³⁾	Total	Drawn	Undrawn commitments	Repo-style transactions ⁽²⁾	OTC derivatives	Other off-balance sheet items ⁽³⁾	Total	Drawn	Undrawn commitments	Repo-style transactions ⁽²⁾	OTC derivatives	Other off-balance sheet items ⁽³⁾	Total		
Greece	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ireland	-	-	-	-	-	-	-	-	1 026	-	-	1 026	-	-	67	-	-	67		
Italy	-	-	-	-	1	1	-	-	50	-	2	52	-	-	50	-	2	52		
Portugal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Spain	26	-	-	-	134	160	27	-	1	134	162	29	-	-	-	-	137	166		
Total GIIPS	26	-	-	-	135	161	27	-	1 076	1	136	1 240	29	-	117	-	139	285		
France	20	4	31	586	295	936	17	3	1 239	681	294	2 234	27	3	1 014	671	299	2 014		
Germany	-	-	1	15	39	55	-	-	173	18	35	226	7	-	2	18	38	65		
United Kingdom	1 062	6	3 129	773	1	4 971	590	4	3 808	684	2	5 088	450	6	2 258	771	2	3 487		
Other Europe	30	16	85	383	31	545	91	10	1 739	331	46	2 217	57	14	976	300	53	1 400		
Total - Credit Risk	1 138	26	3 246	1 757	501	6 668	725	17	8 035	1 715	513	11 005	570	23	4 367	1 760	531	7 251		

Adjustment to exposure for collateral	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items ⁽³⁾	Total	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items ⁽³⁾	Total	Drawn	Undrawn commitments	Net Repo-Style transactions and OTC derivatives	Other off-balance sheet items ⁽³⁾	Total
	Total - Net Credit Risk⁽⁴⁾	1 138	26	1 792	501	3 457	725	17	2 538	513	3 793	570	23	2 475	531

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

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

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

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



Formation of Gross Impaired Loans and Allowance for Credit Losses

(unaudited) (millions of Canadian dollars)

	2015				2014				2013				YTD		Full Year	
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2015	2014	2014	2013
Formation of Gross Impaired Loans⁽¹⁾ (by sector)																
Opening balance	449	446	389	486	411	417	417	395	377	346	354	387	486	395	395	387
Write-offs																
Retail	(23)	(18)	(21)	(21)	(19)	(18)	(19)	(20)	(16)	(18)	(16)	(16)	(83)	(76)	(76)	(66)
Commercial	(11)	(16)	(15)	(62)	(14)	(10)	(10)	(3)	(7)	(8)	(5)	(4)	(104)	(37)	(37)	(24)
Wealth Management	(1)	(1)	(1)	(1)	(2)	(1)	(1)	(1)	(1)	(1)	(1)	-	(4)	(5)	(5)	(3)
Corporate	-	(6)	-	-	-	-	-	-	-	-	-	(14)	(6)	-	-	(14)
Real Estate	-	-	-	-	-	-	-	-	-	-	(1)	-	-	-	-	(1)
Total write-offs	(35)	(41)	(37)	(84)	(35)	(29)	(30)	(24)	(24)	(27)	(23)	(34)	(197)	(118)	(118)	(108)
Formation																
Retail	23	16	28	22	29	20	15	36	21	26	20	21	89	100	100	88
Commercial	19	24	65	(16)	79	2	15	9	29	30	(13)	35	92	105	105	81
Wealth Management	1	4	1	2	2	1	-	1	1	2	1	1	8	4	4	5
Corporate	-	-	-	-	-	-	-	-	(6)	(6)	7	(56)	-	-	-	(61)
Real estate	-	-	-	(21)	-	-	-	-	-	3	-	-	(21)	-	-	3
Other	-	-	-	-	-	-	-	-	(3)	3	-	-	-	-	-	-
Total formation	43	44	94	(13)	110	23	30	46	42	58	15	1	168	209	209	116
Closing balance	457	449	446	389	486	411	417	417	395	377	346	354	457	486	486	395

(1) Credit card receivables are not included

	2015				2014				YTD				Full Year	
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2015	2014	2014	2013		
Formation of Gross Impaired Loans (by activity)														
Opening balance	449	446	389	486	411	417	417	395	486	395	395	387	486	395
Classified as impaired during the period	135	149	187	107	196	142	139	127	578	604	604	587	578	604
Transferred to not impaired during the period	(5)	(7)	(8)	(3)	(4)	(6)	(7)	(2)	(23)	(19)	(19)	(16)	(23)	(19)
Net repayments	(64)	(78)	(62)	(100)	(63)	(88)	(77)	(57)	(304)	(285)	(285)	(363)	(304)	(285)
Write-offs	(53)	(60)	(54)	(97)	(50)	(48)	(48)	(40)	(264)	(186)	(186)	(177)	(264)	(186)
Recoveries of loans previously written off	(5)	(5)	(7)	(5)	(3)	(4)	(5)	(5)	(22)	(17)	(17)	(17)	(22)	(17)
Disposals of loans	-	-	-	(1)	(1)	(2)	(2)	(1)	(1)	(6)	(6)	(6)	(1)	(6)
Exchange and other movements	-	4	1	2	-	-	-	-	7	-	-	-	7	-
Closing balance	457	449	446	389	486	411	417	417	457	486	486	395	457	486

	2015				2014				2013				YTD		Full Year	
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2015	2014	2014	2013
Allowance for Credit Losses																
Allowances at beginning	561	563	561	604	593	592	589	578	571	566	556	577	604	578	578	577
Write-offs	(58)	(65)	(61)	(103)	(54)	(54)	(54)	(47)	(43)	(47)	(45)	(55)	(287)	(209)	(209)	(203)
Recoveries of amounts written off in previous years	5	6	5	5	7	4	4	6	2	4	2	2	21	21	21	17
Charge to income statement (provision for credit losses)	61	56	57	54	57	49	51	51	48	48	53	32	228	208	208	181
Disposal of loans	-	-	-	1	1	2	2	1	-	-	-	-	1	6	6	6
Exchange and other movements	-	1	1	-	-	-	-	-	-	-	-	-	2	-	-	-
Allowances at end	569	561	563	561	604	593	592	589	578	571	566	556	569	604	604	578



Gross Credit Exposure by Residual Contractual Maturity⁽¹⁾

(unaudited) (millions of Canadian dollars)	2015											
	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
Retail												
Residential mortgages	28 320	14 630	313	43 263	28 107	14 392	390	42 889	27 971	13 292	295	41 558
Qualifying revolving retail	5 198	-	-	5 198	5 016	-	-	5 016	5 089	1	-	5 090
Other retail	5 265	2 736	1 786	9 787	5 278	2 741	1 732	9 751	5 223	2 790	1 604	9 617
	38 783	17 366	2 099	58 248	38 401	17 133	2 122	57 656	38 283	16 083	1 899	56 265
Non-retail												
Corporate	33 479	18 609	3 140	55 228	30 851	19 572	2 488	52 911	31 884	17 981	2 405	52 270
Sovereign	19 200	10 345	5 791	35 336	19 632	8 397	5 809	33 838	17 871	6 767	5 834	30 472
Financial Institutions	57 338	2 749	2 482	62 569	57 807	3 836	2 345	63 988	55 630	6 903	2 418	64 951
	110 017	31 703	11 413	153 133	108 290	31 805	10 642	150 737	105 385	31 651	10 657	147 693
Trading book	1 050	5 714	3 035	9 799	2 139	6 177	3 066	11 382	1 538	6 713	2 769	11 020
Total	149 850	54 783	16 547	221 180	148 830	55 115	15 830	219 775	145 206	54 447	15 325	214 978

(unaudited) (millions of Canadian dollars)	2015				2014							
	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
Retail												
Residential mortgages	27 260	13 465	249	40 974	26 560	13 503	270	40 333	26 008	13 619	283	39 910
Qualifying revolving retail	4 984	-	-	4 984	5 027	-	-	5 027	4 992	-	-	4 992
Other retail	5 292	2 632	1 545	9 469	5 316	2 650	1 503	9 469	5 391	2 632	1 453	9 476
	37 536	16 097	1 794	55 427	36 903	16 153	1 773	54 829	36 391	16 251	1 736	54 378
Non-retail												
Corporate	34 091	14 366	1 503	49 960	34 279	13 835	1 441	49 555	33 322	13 300	1 579	48 201
Sovereign	22 855	6 217	5 611	34 683	24 358	6 244	5 162	35 764	20 535	6 472	4 565	31 572
Financial Institutions	52 071	6 901	310	59 282	49 592	6 733	6	56 331	46 570	7 785	6	54 361
	109 017	27 484	7 424	143 925	108 229	26 812	6 609	141 650	100 427	27 557	6 150	134 134
Trading book	1 942	5 597	2 840	10 379	1 180	6 028	2 268	9 476	1 345	5 945	1 987	9 277
Total	148 495	49 178	12 058	209 731	146 312	48 993	10 650	205 955	138 163	49 753	9 873	197 789

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



Credit Risk Mitigation - Guarantees and Credit Derivatives

(unaudited) (millions of Canadian dollars)	2015					
	Q4		Q3		Q2	
Total exposure covered by:	Standardized ⁽¹⁾	AIRB ⁽²⁾	Standardized ⁽¹⁾	AIRB ⁽²⁾	Standardized ⁽¹⁾	AIRB ⁽²⁾
Retail						
Residential mortgage	593	5 615	948	6 106	403	5 822
Qualifying revolving retail	-	-	-	-	-	-
Other retail	2 646	299	2 622	301	2 177	303
	3 239	5 914	3 570	6 407	2 580	6 125
Non-retail						
Corporate	636	2 529	1 135	2 448	546	2 284
Sovereign	-	-	-	-	-	-
Financial Institutions	-	-	-	-	-	-
	636	2 529	1 135	2 448	546	2 284
Trading book	-	19	-	9	-	3
Total	3 875	8 462	4 705	8 864	3 126	8 412

(unaudited) (millions of Canadian dollars)	2015		2014			
	Q1		Q4		Q1	
Total exposure covered by:	Standardized ⁽¹⁾	AIRB ⁽²⁾	Standardized ⁽¹⁾	AIRB ⁽²⁾	Standardized ⁽¹⁾	AIRB ⁽²⁾
Retail						
Residential mortgage	373	5 823	327	5 960	293	6 480
Qualifying revolving retail	-	-	-	-	-	-
Other retail	2 139	306	2 095	306	2 051	303
	2 512	6 129	2 422	6 266	2 344	6 783
Non-retail						
Corporate	733	2 255	485	2 553	444	2 437
Sovereign	-	-	-	-	-	-
Financial Institutions	-	-	-	11	-	-
	733	2 255	485	2 564	444	2 437
Trading book	-	4	-	110	-	105
Total	3 245	8 388	2 907	8 940	2 788	9 325

(1) No eligible financial collateral.

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



Banking Book Equity

(unaudited)
(millions of Canadian dollars)

	2015											
	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	312	–	312	(20)	309	–	309	(10)	359	–	359	45
Private	281	35	246	51	269	34	235	39	274	30	244	21
	593	35	558	31	578	34	544	29	633	30	603	66

(unaudited)
(millions of Canadian dollars)

	2015				2014							
	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	313	–	313	23	272	–	272	29	261	–	261	55
Private	276	30	246	20	206	35	171	25	208	35	173	23
	589	30	559	43	478	35	443	54	469	35	434	78

Credit Derivative Positions (notional amounts)

	2015											
	Q4				Q3				Q2			
	Credit portfolio ⁽¹⁾		Trading		Credit portfolio ⁽¹⁾		Trading		Credit portfolio ⁽¹⁾		Trading	
	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold
(unaudited) (millions of Canadian dollars)												
Credit default swaps												
Indices, singles names and other	59	20	991	364	39	-	901	348	36	-	809	316
Tranches on indices	-	-	-	21	-	-	-	-	-	-	-	-
Total return swaps	-	-	157	-	-	-	183	-	-	-	72	-
Credit options	-	-	26	26	-	-	13	-	-	-	12	12

	2015						2014					
	Q1				Q4		Q3					
	Credit portfolio ⁽¹⁾		Trading		Credit portfolio ⁽¹⁾		Trading		Credit portfolio ⁽¹⁾		Trading	
	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold	Protection purchased	Protection sold
(unaudited) (millions of Canadian dollars)												
Credit default swaps												
Indices, singles names and other	51	-	847	219	56	-	851	286	55	-	593	253
Tranches on indices	-	-	-	1	-	-	-	1	-	-	-	1
Total return swaps	-	-	30	-	-	-	33	6	-	-	40	7
Credit options	-	-	-	-	-	-	39	39	-	-	-	-

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



Derivatives Financial Instruments According to Basel Definition

	2015				2014			
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
(unaudited) (millions of Canadian dollars)								
Under Basel III								
Foreign Exchange Related Contracts								
Swaps	187 833	162 669	157 410	150 030	118 324	111 293	110 949	96 916
Options								
- purchased	9 943	7 946	6 932	5 780	4 528	4 639	4 754	3 550
- sold	10 507	8 441	7 299	6 663	4 947	4 370	5 014	4 073
Exchange traded and OTC futures contracts	24 491	25 699	21 758	22 398	17 983	14 181	14 564	14 308
Total notional amount	232 774	204 755	193 399	184 871	145 782	134 483	135 281	118 847
Replacement cost								
- gross	4 246	5 553	4 283	7 195	2 294	1 519	1 595	2 392
- net ⁽¹⁾	2 715	3 045	2 145	3 037	1 263	956	985	1 367
Future credit risk	1 869	1 653	1 927	1 455	2 000	1 792	1 697	1 430
Credit equivalent ⁽²⁾	4 584	4 697	4 072	4 492	3 263	2 748	2 682	2 797
Risk-weighted equivalent ⁽³⁾	1 337	1 390	1 174	1 407	1 012	967	915	966
Interest Rate Related Contracts								
Swaps	418 765	444 988	440 470	429 950	419 781	411 810	422 061	359 892
Options								
- purchased	8 019	42 558	61 582	54 989	16 859	35 751	16 333	8 325
- sold	5 101	39 293	37 712	61 376	16 204	36 847	22 604	8 460
Exchange traded and OTC futures contracts	12 142	12 315	4 819	7 093	7 097	21 203	14 544	27 783
Total notional amount	444 027	539 154	544 583	553 408	459 941	505 611	475 542	404 460
Replacement cost								
- gross	5 746	6 073	5 538	7 261	3 515	3 193	2 974	3 253
- net ⁽¹⁾	1 509	1 491	1 837	1 795	1 127	1 143	1 169	1 158
Future credit risk	1 581	1 753	1 804	1 683	2 142	2 302	2 269	2 027
Credit equivalent ⁽²⁾	3 090	3 244	3 641	3 478	3 269	3 445	3 438	3 185
Risk-weighted equivalent ⁽³⁾	955	981	948	1 052	893	996	920	933
Financial Futures								
Total notional amount	78 345	152 997	131 541	117 475	65 503	61 899	58 387	53 658
Equity and Commodity Contracts								
Total notional amount	41 373	43 574	39 527	40 224	43 691	44 559	42 829	40 039
Replacement cost								
- gross	2 877	3 101	2 557	3 342	2 372	1 971	1 965	2 045
- net ⁽¹⁾	2 572	2 803	2 189	2 939	1 977	1 648	1 681	1 794
Future credit risk	1 693	3 967	3 766	3 723	3 904	4 214	4 017	3 975
Credit equivalent ⁽²⁾	4 265	6 770	5 956	6 662	5 881	5 862	5 698	5 770
Risk-weighted equivalent ⁽³⁾	520	1 465	1 543	1 464	1 450	1 602	1 258	1 107
Credit Derivatives								
Total notional amount (trading only)	1 585	1 445	1 221	1 097	1 255	894	682	954
Total Return Swap Notional Amount ⁽⁴⁾	25 122	23 497	22 149	20 896	19 830	18 545	17 602	16 693
Replacement cost								
- gross	92	81	78	65	74	97	84	110
- net ⁽¹⁾	37	30	31	40	29	18	15	15
Future credit risk	1 741	837	804	358	362	401	502	477
Credit equivalent ⁽²⁾	1 778	867	835	398	391	419	517	492
Risk-weighted equivalent ⁽³⁾	135	71	90	72	83	117	123	122
Total Derivatives								
Total notional amount	823 226	965 422	932 420	917 971	736 002	765 991	730 323	634 651
Replacement cost								
- gross	12 961	14 808	12 456	17 863	8 255	6 780	6 618	7 800
- net ⁽¹⁾	6 833	7 369	6 202	7 811	4 396	3 765	3 850	4 334
Future credit risk	6 884	8 210	8 301	7 219	8 408	8 709	8 485	7 909
Credit equivalent ⁽²⁾	13 717	15 578	14 504	15 030	12 804	12 474	12 335	12 244
Risk-weighted equivalent ⁽³⁾	2 947	3 907	3 755	3 995	3 438	3 682	3 216	3 128

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

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

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

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

Aggregate Amount of Securitization Exposures

(unaudited) (millions of Canadian dollars)	2015												2014											
	Q4			Q3			Q2			Q1			Q4			Q3			Q2			Q1		
	Banking Book		Trading book	Banking Book		Trading book	Banking Book		Trading book	Banking Book		Trading book	Banking Book		Trading book	Banking Book		Trading book	Banking Book		Trading book	Banking Book		Trading book
	On balance sheet	Off balance sheet	On balance sheet	On balance sheet	Off balance sheet	On balance sheet	On balance sheet	Off balance sheet	On balance sheet	On balance sheet	Off balance sheet	On balance sheet	On balance sheet	Off balance sheet	On balance sheet	On balance sheet	Off balance sheet	On balance sheet	On balance sheet	Off balance sheet	On balance sheet	On balance sheet	Off balance sheet	On balance sheet
Bank's own assets																								
Traditional exposures																								
Insured Mortgage loans																								
Retained ⁽¹⁾	2 584	-	-	1 989	-	-	1 841	-	-	1 976	-	-	2 173	-	-	2 164	-	-	2 236	-	-	1 772	-	-
Credit Cards																								
Retained ⁽¹⁾	206	404	-	156	312	-	193	385	-	192	359	-	203	376	-	203	376	-	190	353	-	165	312	-
Purchased ⁽²⁾	89	-	-	80	-	-	86	-	-	85	-	-	85	-	-	85	-	-	85	-	-	85	-	-
Total - Bank's own assets	2 879	404	-	2 225	312	-	2 120	385	-	2 253	359	-	2 461	376	-	2 452	376	-	2 511	353	-	2 022	312	-
Third party assets																								
Sponsored																								
Traditional exposures ⁽³⁾																								
Residential Mortgages - Insured	-	1 368	14	-	1 360	27	-	1 237	27	-	1 405	21	-	1 488	21	-	1 428	2	-	1 494	16	-	1 621	16
Residential Mortgages - conventional	-	480	5	-	354	7	-	276	6	-	244	4	-	244	3	-	177	-	-	46	-	-	18	-
Fleet Lease Receivables	-	242	2	-	242	5	-	242	5	-	99	1	-	99	1	-	100	-	-	99	1	-	96	1
Auto Floorplans	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auto Loans	-	144	1	-	207	4	-	233	5	-	264	4	-	299	4	-	329	1	-	373	4	-	424	4
Purchased																								
Traditional exposures																								
Insured Mortgage loans - MBS	4 878	-	1 356	4 500	-	1 153	4 446	-	1 038	3 971	-	834	3 599	-	1 212	3 550	-	1 132	3 251	-	1 085	3 074	-	738
Credit Cards - ABS	89	-	49	86	-	107	86	-	81	-	-	78	-	-	63	-	-	83	-	-	51	-	-	88
Home Equity - ABS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	2	-	-	2
Commercial mortgage back securities (CMBS)	13	-	-	14	-	-	61	-	3	61	-	3	14	-	5	14	-	4	-	-	16	-	-	13
Collateralized debt obligation (CDO)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	-	3	-	-	3
Collateralized mortgage obligation (CMO)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	4	-	-	1	-	-	4
Synthetic exposures																								
CDX tranches	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-
Resecuritized exposures																								
Master Asset Vehicules ⁽⁴⁾	545	-	-	531	-	-	1 028	821	-	1 056	825	-	1 088	831	-	1 120	835	-	1 138	844	-	1 264	873	-
Commercial paper not included in the Pan-Canadian restructuring plan	102	-	-	105	-	-	103	-	-	101	-	-	101	-	-	103	-	-	103	-	-	98	-	-
Collateralized mortgage obligation (CMO)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	3	-	-	3
Total - Third party assets	5 627	2 234	1 427	5 236	2 163	1 303	5 724	2 809	1 165	5 189	2 837	946	4 802	2 961	1 320	4 787	2 869	1 234	4 492	2 856	1 182	4 436	3 032	872
Total - Bank	8 506	2 638	1 427	7 461	2 475	1 303	7 844	3 194	1 165	7 442	3 196	946	7 263	3 337	1 320	7 239	3 245	1 234	7 003	3 209	1 182	6 458	3 344	872

(1) The Retained exposures for insured mortgage loans and credit card receivables are treated under the AIRB Framework as if they remained on the Bank's balance sheet.
(2) The credit card receivable purchased held from Bank's own assets securitization represent the Bank's interest in investment grade subordinated notes issued.
(3) Sponsored Traditional exposures comprise Bank's committed amount to the Fusion Trust and Clarity Trust liquidity facility lines as well as the Bank's purchased note of Fusion Trust and Clarity Trust.
(4) Resecuritized exposures comprise the carrying value of the restructured notes held by the Bank and the Bank's committed amount to the margin funding facility related to the MAV.

Capital Requirements for Securitization Exposures Under Securitization Framework

(unaudited) (millions of Canadian dollars)	2015																		
	Q4						Q3						Q2						
	Banking Book			Trading book			Banking Book			Trading book			Banking Book			Trading book			
	On balance sheet		Off balance sheet	On balance sheet		Risk-Weighted Assets	On balance sheet		Off balance sheet	On balance sheet		Risk-Weighted Assets	On balance sheet		Off balance sheet	On balance sheet		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	RBA/Inferred Ratings Exposure Amount	Risk-Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk-Weighted Assets
Bank's own assets⁽¹⁾																			
Credit Cards																			
Seller's interest exposure ⁽²⁾	206	133	404	60	-	-	156	100	312	46	-	-	193	126	385	57	-	-	
Purchased	89	41	-	-	-	-	86	38	-	-	-	-	86	38	-	-	-	-	
Total - Bank's own assets	295	174	404	60	-	-	242	138	312	46	-	-	279	164	385	57	-	-	
Third party assets																			
Securitized																			
7% - 30%	60	11	2 234	158	49	29	61	11	2 163	151	107	66	109	15	1 989	141	81	154	
35% - 100%	43	32	-	-	-	-	39	29	-	-	-	-	38	28	-	-	-	-	
150% - 850%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1250 %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home Equity - ABS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	41	
Collateralized mortgage obligation (CMO)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Resecuritized																			
7% - 30%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
35% - 100%	529	238	-	-	-	-	501	226	-	-	-	-	1 010	430	820	328	-	-	
150% - 850%	112	300	-	-	-	-	104	274	-	-	-	-	84	178	-	-	-	-	
1250 %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Master Asset Vehicles	5	59	-	-	-	-	5	64	-	-	-	-	37	462	-	-	-	-	
Commercial paper not included in the Pan-Canadian restructuring plan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Collateralized mortgage obligation (CMO)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total - Third party assets	749	640	2 234	158	49	29	710	604	2 163	151	107	66	1 278	1 113	2 809	469	84	195	
Total	1 044	814	2 638	218	49	29	952	742	2 475	197	107	66	1 557	1 277	3 194	526	84	195	

(unaudited) (millions of Canadian dollars)	2015												2014						
	Q1						Q4						Q3						
	Banking Book			Trading book			Banking Book			Trading book			Banking Book			Trading book			
	On balance sheet		Off balance sheet	On balance sheet		Risk-Weighted Assets	On balance sheet		Off balance sheet	On balance sheet		Risk-Weighted Assets	On balance sheet		Off balance sheet	On balance sheet		Risk-Weighted Assets	
RBA/Inferred Ratings Exposure Amount	Risk-Weighted Assets	Inferred Ratings Exposure Amount	Risk-Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk-Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk-Weighted Assets	Inferred Ratings Exposure Amount	Risk-Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk-Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk-Weighted Assets	Inferred Ratings Exposure Amount	Risk-Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk-Weighted Assets	RBA/Inferred Ratings Exposure Amount	Risk-Weighted Assets
Bank's own assets⁽¹⁾																			
Credit Cards																			
Seller's interest exposure ⁽²⁾	192	130	359	49	-	-	203	135	376	51	-	-	203	138	376	54	-	-	
Purchased	85	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total - Bank's own assets	277	168	359	49	-	-	203	135	376	51	-	-	203	138	376	54	-	-	
Third party assets																			
Securitized																			
7% - 30%	61	5	2 012	144	78	60	14	2	2 130	151	63	44	14	2	2 034	144	85	59	
35% - 100%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
150% - 850%	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	3	
1250 %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Home Equity - ABS	-	-	-	-	-	-	-	-	-	-	2	19	-	-	-	-	2	24	
Collateralized mortgage obligation (CMO)	-	-	-	-	-	-	-	-	-	-	5	57	-	-	-	-	4	47	
Others	-	-	-	-	3	41	-	-	-	-	4	51	-	-	-	-	4	47	
Resecuritized																			
7% - 30%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
35% - 100%	924	505	825	330	-	-	966	526	831	324	-	-	998	538	835	325	-	-	
150% - 850%	170	486	-	-	-	-	168	479	-	-	-	-	168	477	-	-	-	-	
1250 %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Master Asset Vehicles	63	784	-	-	-	-	55	691	-	-	-	-	57	715	-	-	-	-	
Commercial paper not included in the Pan-Canadian restructuring plan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Collateralized mortgage obligation (CMO)	-	-	-	-	-	-	-	-	-	-	2	29	-	-	-	-	2	26	
Total - Third party assets	1 218	1 780	2 837	474	81	101	1 203	1 698	2 961	475	76	201	1 237	1 732	2 869	469	99	206	
Total	1 495	1 948	3 196	523	81	101	1 406	1 833	3 337	526	76	201	1 440	1 870	3 245	523	99	206	

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

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

Asset Securitization - Managed Loans

	2015														
	Q4					Q3					Q2				
	Total gross loans ⁽¹⁾	Gross impaired loans and other past due loans ⁽²⁾	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized	Total gross loans ⁽¹⁾	Gross impaired loans and other past due loans ⁽²⁾	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized	Total gross loans ⁽¹⁾	Gross impaired loans and other past due loans ⁽²⁾	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized
(unaudited) (millions of Canadian dollars)															
Banking Book															
Insured mortgage loans	16 151	-	-	2 022	-	15 467	-	-	1 733	-	15 527	-	-	1 351	-
Credit card receivables	1 389	8	13	461	-	1 355	8	13	530	-	1 411	9	15	398	-
Total	17 540	8	13	2 483	-	16 822	8	13	2 263	-	16 938	9	15	1 749	-
Trading Book															
Insured mortgage loans	3 562	-	-	845	684	3 038	-	-	279	810	2 815	-	-	185	318

	2015					2014									
	Q1					Q4					Q3				
	Total gross loans ⁽¹⁾	Gross impaired loans and other past due loans ⁽²⁾	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized	Total gross loans ⁽¹⁾	Gross impaired loans and other past due loans ⁽²⁾	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized	Total gross loans ⁽¹⁾	Gross impaired loans and other past due loans ⁽²⁾	Net write-offs	Securitization activities for the quarter ended	Exposure amount intended to be securitized
(unaudited) (millions of Canadian dollars)															
Banking Book															
Insured mortgage loans	15 347	-	-	1 082	-	15 250	-	-	1 595	-	14 771	-	-	1 528	-
Credit card receivables	1 365	9	10	-	-	1 365	5	13	-	-	1 365	5	12	-	-
Total	16 712	9	10	1 082	-	16 615	5	13	1 595	-	16 136	5	12	1 528	-
Trading Book															
Insured mortgage loans	2 680	-	-	330	282	2 398	-	-	266	242	2 214	-	-	339	202

(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

Advanced Internal Ratings-Based (AIRB) approach	See risk-weighted assets below.
Banking Book Equities	Banking book equities comprise mainly exposures held for strategic and other reasons.
Capital Ratio	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.
Common Equity Tier 1 (CET1) capital	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.
Corporate	All direct credit risk exposures to corporations, partnerships and proprietorships, exposures guaranteed by those entities.
Credit Risk	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.
Drawn exposure	The amount of credit risk exposure resulting from loans already advanced to the customer.
Exposure at default (EAD)	An estimate of the amount of exposure to a customer at the event of, and at the time of, default.
Financial institutions	All direct credit risk exposures to deposit-taking institutions and regulated securities firms, and exposures guaranteed by those entities.
Leverage ratio	The leverage ratio is calculated by dividing the amount of Tier 1 capital by the total exposure. Total exposure is defined as the sum of on-balance-sheet assets (including derivative exposures and securities financing transaction exposures) and off-balance-sheet items. Assets deducted from Tier 1 capital are also deducted from the total exposure.
Loss given default (LGD)	An estimate of the amount of exposure to a customer that will not be recovered following a default by that customer, expressed as a percentage of the exposure at default.
Market risk	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.
Operational risk	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.
Other off-balance sheet	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.
Other retail	This exposure class includes consumer loans, SME credit card receivables, SME loans (excluding mortgages of five units or more), and other personal loans.
Over-the-counter derivatives (OTC)	The amount of credit risk exposure resulting from derivatives that trade directly between two counterparties, rather than through exchanges.
Probability of default (PD)	An estimate of the likelihood of default for any particular customer which occurs when that customer is not able to repay its obligations as they become contractually due.
Qualifying revolving retail (QRR)	This exposure class includes lines of credit and credit card receivables.
Repo-style transactions	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.
Retail Residential Mortgage	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).
Risk-weighted assets (RWA)	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.
Scaling Factor	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.
Sovereign	All direct credit risk exposures to governments, central banks and certain public sector entities, and exposures guaranteed by those entities.
Standardized approach	See risk-weighted assets.
Tier 1 capital	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.
Tier 2 capital	Tier 2 capital is mainly comprised of subordinated debentures and the collective allowance.
Total capital	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.
Undrawn commitments	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.