

# Supplementary Regulatory Capital Information

For the Quarter Ended – January 31, 2017

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*This report is unaudited and all amounts are in millions of Canadian dollars, unless otherwise indicated.*

BASEL III REGULATORY CAPITAL (All-in basis) (1) (2)

	Cross reference (3)	2017 Q1	2016 Q4	2016 Q3	2016 Q2	2016 Q1	2015 Q4	2015 Q3
<b>Common Equity Tier 1 Capital: instruments and reserves</b>								
1	Directly issued qualifying common share capital plus related stock surplus	a+b	13,094	12,833	12,757	12,668	12,650	12,698
2	Retained earnings	c	22,077	21,205	20,456	19,806	19,409	18,281
3	Accumulated other comprehensive income (and other reserves)	d	3,446	4,426	4,224	3,287	6,286	4,681
6	<b>Common Equity Tier 1 Capital before regulatory adjustments</b>		<b>38,617</b>	<b>38,464</b>	<b>37,437</b>	<b>35,761</b>	<b>38,345</b>	<b>35,660</b>
<b>Common Equity Tier 1 Capital: regulatory adjustments</b>								
7	Prudential valuation adjustments		109	110	118	122	85	53
8	Goodwill (net of related tax liability)	e+p1-f	6,094	6,240	6,121	6,036	6,660	6,005
9	Other intangibles other than mortgage-servicing rights (net of related tax liability)	g-h	1,778	1,800	1,801	1,788	1,874	1,757
10	Deferred tax assets excluding those arising from temporary differences (net of related tax liability)	i-j	1,372	1,443	1,273	1,306	1,539	1,668
11	Cash flow hedge reserve	k	205	596	832	583	867	612
12	Shortfall of provisions to expected losses	k1	-	-	-	-	-	-
14	Gains or losses due to changes in own credit risk on fair valued liabilities (4)		(26)	5	52	84	342	173
15	Defined benefit pension fund net assets (net of related tax liability)	l-m	253	98	65	100	212	359
16	Investments in own shares (if not already netted off paid-in capital on reported balance sheet)	n	-	13	7	-	24	-
22	Amount exceeding the 15% threshold		-	-	-	-	-	-
23	of which: significant investments in the common stock financials	h1	-	-	-	-	-	-
24	of which: mortgage servicing rights	j1	-	-	-	-	-	-
25	of which: deferred tax assets arising from temporary differences	h	-	-	-	-	-	-
28	<b>Total regulatory adjustments to Common Equity Tier 1 Capital</b>		<b>9,785</b>	<b>10,305</b>	<b>10,269</b>	<b>10,019</b>	<b>11,579</b>	<b>10,558</b>
29	<b>Common Equity Tier 1 Capital (CET1)</b>		<b>28,832</b>	<b>28,159</b>	<b>27,168</b>	<b>25,742</b>	<b>26,766</b>	<b>25,002</b>
<b>Additional Tier 1 Capital: instruments</b>								
30	Directly issued qualifying Additional Tier 1 instruments plus related stock surplus	o1	2,750	2,750	2,150	2,150	2,150	1,550
33	Directly issued capital instruments subject to phase out from Additional Tier 1 (5)	p	1,540	1,540	1,540	1,540	1,540	1,987
34	Additional Tier 1 instruments (and CET1 instruments not otherwise included) issued by subsidiaries and held by third parties (amount allowed in group AT1)	s	-	-	2	6	10	9
35	of which: instruments issued by subsidiaries subject to phase out		-	-	2	6	10	9
36	<b>Additional Tier 1 Capital before regulatory adjustments</b>		<b>4,290</b>	<b>4,290</b>	<b>3,692</b>	<b>3,696</b>	<b>3,700</b>	<b>3,546</b>
<b>Additional Tier 1 Capital: regulatory adjustments</b>								
37	Investments in own Additional Tier 1 instruments	n1	2	-	-	2	1	-
40	Significant investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions	t	213	213	213	213	213	358
41	Other deductions from Tier 1 Capital as determined by OSFI		-	-	-	-	-	-
41b	of which: Valuation adjustment for less liquid positions		-	-	-	-	-	-
43	<b>Total regulatory adjustments applied to Additional Tier 1 Capital</b>		<b>215</b>	<b>213</b>	<b>213</b>	<b>215</b>	<b>214</b>	<b>358</b>
44	<b>Additional Tier 1 Capital (AT1)</b>		<b>4,075</b>	<b>4,077</b>	<b>3,479</b>	<b>3,481</b>	<b>3,486</b>	<b>3,188</b>
45	<b>Tier 1 Capital (T1 = CET1 + AT1)</b>		<b>32,907</b>	<b>32,236</b>	<b>30,647</b>	<b>29,223</b>	<b>30,252</b>	<b>28,190</b>
<b>Tier 2 Capital: instruments and provisions</b>								
46	Directly issued qualifying Tier 2 instruments plus related stock surplus	m1	3,207	3,266	3,282	2,023	2,050	1,034
47	Directly issued capital instruments subject to phase out from Tier 2 Capital (6)	u	1,863	1,873	1,879	3,080	3,548	3,548
48	Tier 2 Capital instruments (and CET1 and AT1 instruments not included) issued by subsidiaries and held by third parties (amount allowed in group Tier 2 Capital)	v	-	-	-	-	-	46
49	of which: instruments issued by subsidiaries subject to phase out		-	-	-	-	-	46
50	Collective allowances	w	443	538	449	486	559	300
51	<b>Tier 2 Capital before regulatory adjustments</b>		<b>5,513</b>	<b>5,677</b>	<b>5,610</b>	<b>5,589</b>	<b>5,218</b>	<b>4,928</b>
<b>Tier 2 Capital: regulatory adjustments</b>								
52	Investments in own Tier 2 instruments	q1	2	1	-	5	-	-
55	Significant investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions	x	50	50	50	50	50	50
57	<b>Total regulatory adjustments to Tier 2 Capital</b>		<b>52</b>	<b>51</b>	<b>50</b>	<b>55</b>	<b>50</b>	<b>50</b>
58	<b>Tier 2 Capital (T2)</b>		<b>5,461</b>	<b>5,626</b>	<b>5,560</b>	<b>5,534</b>	<b>5,168</b>	<b>4,878</b>
59	<b>Total Capital (TC = T1 + T2)</b>		<b>38,368</b>	<b>37,862</b>	<b>36,207</b>	<b>34,757</b>	<b>35,891</b>	<b>33,068</b>
<b>Total Risk-Weighted Assets</b>								
60a	<b>Common Equity Tier 1 (CET1) Capital RWA (7) (8)</b>		<b>260,795</b>	<b>277,562</b>	<b>272,882</b>	<b>265,530</b>	<b>268,071</b>	<b>239,689</b>
60b	<b>Tier 1 Capital RWA (7) (8)</b>		<b>261,075</b>	<b>277,562</b>	<b>272,882</b>	<b>265,530</b>	<b>268,071</b>	<b>239,689</b>
60c	<b>Total Capital RWA (7) (8)</b>		<b>261,299</b>	<b>277,562</b>	<b>272,882</b>	<b>265,530</b>	<b>268,071</b>	<b>240,549</b>
<b>Capital Ratios</b>								
61	Common Equity Tier 1 ratio (as percentage of risk-weighted assets) (8)		11.1%	10.1%	10.0%	9.7%	10.0%	10.4%
62	Tier 1 ratio (as percentage of risk-weighted assets) (8)		12.6%	11.6%	11.2%	11.0%	11.3%	11.7%
63	Total Capital ratio (as percentage of risk-weighted assets) (8)		14.7%	13.6%	13.3%	13.1%	13.4%	13.7%
64	Buffer requirement (minimum CET1 requirement plus capital conservation buffer plus G-SIB buffer requirement plus D-SIB buffer requirement, expressed as a percentage of risk-weighted assets)		8.0%	8.0%	8.0%	8.0%	8.0%	7.0%
65	of which: capital conservation buffer requirement		3.5%	3.5%	3.5%	3.5%	3.5%	2.5%
66	of which: bank specific countercyclical buffer requirement		0.0%	n.a.	n.a.	n.a.	n.a.	n.a.
68	Common Equity Tier 1 available to meet buffers (as a % of risk weighted assets)		11.1%	10.1%	10.0%	9.7%	10.0%	10.4%
<b>OSFI all-in target</b>								
69	Common Equity Tier 1 all-in target ratio		8.0%	8.0%	8.0%	8.0%	8.0%	7.0%
<b>Amounts below the thresholds for deduction</b>								
72	Non-significant investments in the capital of other financials	y - z	259	292	233	243	293	385
73	Significant investments in the common stock of financials	a1	1,337	1,325	1,529	1,473	1,595	1,492
74	Mortgage servicing rights (net of related tax liability)	b1	47	47	43	43	50	49
75	Deferred tax assets arising from temporary differences (net of related tax liability)	c1 - d1	1,985	2,043	2,204	2,174	2,286	2,188
<b>Applicable caps on the inclusion of provisions in Tier 2</b>								
76	Provisions eligible for inclusion in Tier 2 in respect of exposures subject to standardised approach (prior to application of cap)		247	260	258	260	291	214
77	Cap on inclusion of provisions in Tier 2 under standardised approach		247	260	258	260	291	214
78	Provisions eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings based approach (prior to application of cap)		1,495	1,501	1,480	1,453	1,500	1,509
79	Cap on inclusion of provisions in Tier 2 under internal ratings-based approach		196	278	191	226	268	86
<b>Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2013 and 1 Jan 2022)</b>								
82	Current cap on AT1 instruments subject to phase out arrangements		2,161	2,593	2,593	2,593	2,593	3,025
83	Amounts excluded from AT1 due to cap (excess over cap after redemptions and maturities)	e1 + f1	-	-	-	-	-	-
84	Current cap on T2 instruments subject to phase out arrangements		2,567	3,080	3,080	3,080	3,594	3,594
85	Amounts excluded from T2 due to cap (excess over cap after redemptions and maturities)		-	-	-	240	561	579

(1) "All-in" regulatory capital assumes that all Basel III regulatory adjustments are applied effective January 1, 2013 and that the capital value of instruments which no longer qualify as regulatory capital under Basel III rules will be phased out at a rate of 10% per year from January 1, 2013 and continuing to January 1, 2022.  
(2) Row numbering, as per OSFI July 2013 advisory, is provided for consistency and comparability in the disclosure of elements of capital among banks and across jurisdictions. Banks are required to maintain the same row numbering per OSFI advisory, however certain rows are removed because there are no values in such rows.  
(3) Cross reference to Consolidated Balance Sheet under regulatory scope (page 2).  
(4) For regulatory capital purposes only. Not included in consolidated balance sheet.  
(5) \$450MM capital trust securities that are deconsolidated under IFRS but still qualify as Additional Tier 1 Capital are included in line 33.  
(6) \$800MM Trust Subordinate note that is deconsolidated under IFRS but still qualifies as Tier 2 Capital is included in line 47.  
(7) Under OSFI's Capital Adequacy Requirements (CAR) Guideline, which governs advanced approaches, the bank calculates a Basel I Capital Floor and increases its risk-weighted assets to the extent such floor applies.  
(8) During the fourth quarter of 2016, ratios and RWA were amended for Q3 2016, Q2 2016, and Q1 2016. RWA was also amended for Q4 2015.

CONSOLIDATED BALANCE SHEET

LINE	Balance sheet as in Report to Shareholders		Under regulatory scope of consolidation (1)	Cross Reference (2)	LINE	Balance sheet as in Report to Shareholders		Under regulatory scope of consolidation (1)	Cross Reference (2)
	#	Q1 2017	Q1 2017			#	Q1 2017	Q1 2017	
(\$ millions except as noted)					(\$ millions except as noted)				
<b>Assets</b>					<b>Liabilities and Equity</b>				
<b>Cash and Cash Equivalents</b>	1	34,079	34,002		<b>Total Deposits</b>	38	476,949	476,949	
<b>Interest Bearing Deposits with Banks</b>	2	5,888	5,866		<b>Other Liabilities</b>				
<b>Securities</b>	3	151,779	144,799		Derivative instruments	39	31,770	31,539	
Investments in own shares CET1 (if not already netted off paid-in capital on reported balance sheet)	4	-	-	n	Acceptances	40	13,588	13,588	
Investments in own Additional Tier 1 instruments not derecognized for accounting purposes	5	-	2	n1	Securities sold but not yet purchased	41	21,965	21,965	
Investments in own Tier 2 instruments not derecognized for accounting purposes	6	-	2	q1	Non-significant investments in the capital of other financials	42	-	21,749	z
Non-significant investments in the capital of other financials below threshold (3)	7	-	22,008	y	Securities lent or sold under repurchase agreement	43	53,500	53,500	
Significant investments in deconsolidated subsidiaries and other financial institutions (4)	8	-	1,600	t+x+a1	Securitization and liabilities related to structured entities	44	21,794	21,794	
Significant investments in capital of other financial institutions reflected in regulatory capital					Current tax liabilities	45	91	91	
Amount exceeding the 15% threshold	9	-	-	h1	Deferred tax liabilities (5)	46	244	244	f
Significant investment in common stock of financials below threshold	10	-	400		related to goodwill	47	-	230	h
Goodwill embedded in significant investments	11	-	89	p1	related to intangibles	48	-	373	j
<b>Securities Borrowed or Purchased Under Resale Agreements</b>	12	78,753	78,753		related to deferred tax assets excluding those arising from temporary differences	49	-	276	m
<b>Loans</b>					related to defined-benefit pension fund net assets	50	-	62	
Residential mortgages	13	112,469	112,469		related to deferred tax assets arising from temporary differences, excluding those realizable through net operating loss carryback	51	-	399	d1
Consumer installment and other personal	14	61,481	61,481		Other	52	25,632	17,818	
Credit cards	15	7,888	7,888		of which: liabilities of subsidiaries, other than deposits	53	-	-	
Business and governments	16	173,418	173,239		Less: amount (of liabilities of subsidiaries) phased out	54	-	-	
Allowance for credit losses	17	(1,868)	(1,868)		Liabilities of subsidiaries after phase out	55	-	-	v
Allowance reflected in Tier 2 regulatory capital	18	-	443	w	<b>Total other liabilities</b>	56	168,584	160,539	
Shortfall of provisions to expected loss	19	-	-	kt	<b>Subordinated Debt</b>				
<b>Total net loans and acceptances</b>	20	353,388	353,209		Subordinated debt	57	4,370	4,370	
<b>Other Assets</b>					Qualifying subordinated debt	58	-	3,207	m1
Derivative instruments	21	30,161	30,159		Non qualifying subordinated debt	59	-	1,163	
Customers' liability under acceptances	22	13,588	13,588		of which redemption has been announced (in the last month of the quarter)	60	-	-	
Premises and equipment	23	2,062	1,891		Less: regulatory amortization	61	-	(100)	
Goodwill	24	6,235	6,235	e	Non qualifying subordinated debt subject to phase out	62	-	1,063	
Intangible assets	25	2,151	2,151	g	Less: amount phased out	63	-	-	
Current tax assets	26	1,329	1,329		<b>Non qualifying subordinated debt after phase out</b>	64	-	1,063	u
Deferred tax assets (5)	27	2,934	2,938		<b>Equity</b>				
Deferred tax assets excluding those arising from temporary differences	28	-	1,648	i	Share capital	65	16,631	16,631	
Deferred tax assets arising from temporary differences	29	-	2,384	c1	Preferred shares				
of which Deferred tax assets arising from temporary differences below the threshold	30	-	2,384		Directly issued qualifying Additional Tier 1 instruments	66	-	2,750	o1
of which amount exceeding 15% threshold	31	-	-	it	Non-qualifying preferred shares for accounting purposes	67	-	-	
Other	32	10,037	9,419		Non-qualifying preferred shares subject to phase out	68	-	1,090	
Defined-benefit pension fund net assets	33	-	315	l	Less amount (of preferred shares) phased out	69	-	-	e1
Mortgage servicing rights	34	-	47		Non qualifying preferred shares after phase out	70	-	1,090	p
of which Mortgage servicing rights under the threshold	35	-	47	b1	Common shares				
of which amount exceeding the 15% threshold	36	-	-	j1	Directly issued qualifying CET1	71	-	12,791	a
<b>Total Assets</b>	37	692,384	684,339		Contributed surplus	72	303	303	b
					Retained earnings	73	22,077	22,077	c
					Accumulated other comprehensive income	74	3,446	3,446	d
					of which: Cash flow hedges	75	-	205	k
					Other AOCI	76	-	3,241	
					<b>Total shareholders' equity</b>	77	42,457	42,457	
					Non-controlling interests in subsidiaries	78	24	24	
					of which portion allowed for inclusion into Tier 1 capital	79	-	-	
					less amount phased out	80	-	-	f1
					Other additional Tier 1 issued by subs after phase out	81	-	-	s
					<b>Total equity</b>	82	42,481	42,481	
					<b>Total Liabilities and Equity</b>	83	692,384	684,339	

(1) Balance sheet under regulatory scope does not include the following entities: BMO Life Insurance Company and BMO Reinsurance Limited. BMO Life Insurance Company (\$7,834 million assets and nominal equity) covers the development and marketing of individual and group life, accident and health insurance and annuity products in Canada. BMO Reinsurance Limited (\$211 million assets and nominal equity) covers the reinsurance of life, health and disability insurance risks as well as property & casualty insurance risks, including catastrophe risks. The business reinsured is written by insurers and reinsurers principally in North America and Europe.

(2) Cross Reference to Basel III Regulatory Capital (All-in basis) (page 1).

(3) Includes synthetic holdings of non-significant capital investments in banking, financial and insurance entities.

(4) Under Basel III, significant investments in financial services entities that are outside the scope of regulatory consolidation are deducted from a bank's capital using the corresponding deduction approach (e.g. investments in non-common Tier 1 are deducted from a bank's non-common Tier 1 capital) except that investments in common equity capital of a significant investment which represents less than 10% of the bank's CET1 are risk weighted at 250% and are not deducted provided the sum of such investments, deferred tax assets related to timing differences and mortgage servicing rights are less than 15% of the Bank's CET1. Goodwill embedded in significant investments is separated and is shown in the corresponding line below.

(5) Deferred tax assets and liabilities are presented on the balance sheet net by legal jurisdiction.

**SUMMARY COMPARISON OF ACCOUNTING ASSETS VS. LEVERAGE RATIO EXPOSURE MEASURE**

(\$ millions except as noted)

Item	Q1 2017	Q4 2016	Q3 2016	Q2 2016
1 Total consolidated assets as per published financial statements	692,384	687,935	691,682	681,458
2 Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	(7,970)	(8,055)	(8,122)	(7,495)
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 Adjustments for derivative financial instruments	(4,779)	(10,522)	(11,437)	(13,329)
5 Adjustment for securities financing transactions (i.e. repo assets and similar secured lending)	6,938	4,377	3,965	5,190
6 Adjustment for off balance-sheet items (i.e. credit equivalent amounts of off-balance sheet exposures)	93,965	95,635	95,568	90,520
7 Other adjustments	(5,303)	(4,606)	(5,695)	(6,107)
<b>8 Leverage Ratio Exposure (transitional basis)</b>	<b>775,235</b>	<b>764,764</b>	<b>765,961</b>	<b>750,237</b>

**LEVERAGE RATIO COMMON DISCLOSURE**

(\$ millions except as noted)

Item	Leverage ratio framework			
	Q1 2017	Q4 2016	Q3 2016	Q2 2016
<b>On-balance sheet exposures</b>				
1 On-balance sheet items (excluding derivatives, SFTs and grandfathered securitization exposures but including collateral)	579,336	577,973	570,854	553,632
2 (Asset amounts deducted in determining Basel III transitional Tier 1 capital)	(9,138)	(8,528)	(8,295)	(8,251)
<b>3 Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 and 2)</b>	<b>570,198</b>	<b>569,445</b>	<b>562,559</b>	<b>545,381</b>
<b>Derivative exposures</b>				
4 Replacement cost associated with all derivative transactions (i.e., net of eligible cash variation margin)	6,667	9,047	8,513	8,880
5 Add-on amounts for PFE associated with all derivative transactions	20,676	21,090	20,346	19,861
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)	(1,606)	(1,317)	(916)	(1,329)
8 (Exempted CCP-leg of client cleared trade exposures)	(356)	(159)	(186)	(156)
9 Adjusted effective notional amount of written credit derivatives	796	1,082	989	952
10 (Adjusted effective notional offsets and add-on deductions for written credit derivatives)	(796)	(1,082)	(989)	(952)
<b>11 Total derivative exposures (sum of lines 4 to 10)</b>	<b>25,381</b>	<b>28,661</b>	<b>27,757</b>	<b>27,256</b>
<b>Securities financing transaction exposures</b>				
12 Gross SFT assets recognised for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions	82,711	71,531	81,311	83,476
13 (Netted amounts of cash payables and cash receivables of gross SFT assets)	(3,368)	(4,584)	(5,051)	(1,486)
14 Counterparty credit risk (CCR) exposure for SFT assets	6,348	4,076	3,817	5,090
15 Agent transaction exposures	-	-	-	-
<b>16 Total securities financing transaction exposures (sum of lines 12 to 15)</b>	<b>85,691</b>	<b>71,023</b>	<b>80,077</b>	<b>87,080</b>
<b>Other off-balance sheet exposures</b>				
17 Off-balance sheet exposure at gross notional amount	293,967	296,943	284,139	270,640
18 (Adjustments for conversion to credit equivalent amounts)	(200,002)	(201,308)	(188,571)	(180,120)
<b>19 Off-balance sheet items (sum of lines 17 and 18)</b>	<b>93,965</b>	<b>95,635</b>	<b>95,568</b>	<b>90,520</b>
<b>Capital and Total Exposures - Transitional Basis</b>				
20 Tier 1 capital	33,730	33,894	32,234	30,803
<b>21 Total Exposures (sum of lines 3, 11, 16 and 19)</b>	<b>775,235</b>	<b>764,764</b>	<b>765,961</b>	<b>750,237</b>
<b>Leverage Ratios - Transitional Basis</b>				
22 Basel III leverage ratio	4.4%	4.4%	4.2%	4.1%
<b>All-in basis (Required by OSFI)</b>				
23 Tier 1 capital – All-in basis	32,907	32,236	30,647	29,223
24 (Regulatory adjustments)	(10,026)	(10,513)	(10,431)	(10,150)
<b>25 Total Exposures (sum of lines 21 and 24, less the amount reported in line 2) – All-in basis</b>	<b>774,347</b>	<b>762,779</b>	<b>763,825</b>	<b>748,338</b>
<b>26 Leverage ratio – All-in basis</b>	<b>4.2%</b>	<b>4.2%</b>	<b>4.0%</b>	<b>3.9%</b>

## RECONCILIATION OF RETAIL AND WHOLESALE DRAWN BALANCES TO BALANCE SHEET

(\$ millions except as noted)

Description	LINE #	Q1 2017						
		AIRB Credit Risk			Standardized Credit Risk	Total Credit Risk	Trading Book and other (1)	Balance Sheet
		Retail	Wholesale	Repo				
Cash and due from Banks	1	-	37,272	-	66	37,338	2,629	39,967
Securities	2	-	59,413	-	66	59,479	92,300	151,779
Assets Purchased under REPO	3	-	-	49,502	-	49,502	29,251	78,753
Loans	4	107,512	200,188	-	28,034	335,734	17,654	353,388
Customer Liability Under Acceptance	5	-	13,588	-	-	13,588	-	13,588
Derivatives	6	-	-	-	-	-	30,161	30,161
Other	7	-	7,135	1	983	8,119	16,629	24,748
	8	107,512	317,596	49,503	29,149	503,760	188,624	692,384

## RECONCILIATION OF TOTAL CREDIT RISK TO BALANCE SHEET

(\$ millions except as noted)

		Q1 2017		
		Total Credit Risk	Trading Book and other	Balance Sheet
Cash and due from Banks	9	37,338	2,629	39,967
Securities	10	59,479	92,300	151,779
Assets Purchased under REPO	11	49,502	29,251	78,753
Loans	12	335,734	17,654	353,388
Customer Liability Under Acceptance	13	13,588	-	13,588
Derivatives	14	-	30,161	30,161
Other	15	8,119	16,629	24,748
Total on balance sheet	16	503,760	188,624	692,384
Undrawn Commitments	17	124,989		
Other Off Balance Sheet	18	17,909		
Off Balance Sheet Derivatives	19	42		
Off Balance Sheet Repo	20	55,927		
Total Off Balance Sheet	21	198,867		
Total Credit Risk	22	702,627		

(1) Includes trading book assets, securitized assets and other assets such as non significant investments, goodwill, deferred tax assets and intangibles.

## RISK-WEIGHTED ASSETS (RWA)

LINE #	Basel III Q1 2017						Basel III								
	Exposure at Default (EAD)			RWA			Q4 2016	Q3 2016	Q2 2016	Q1 2016	Q4 2015	Q3 2015	Q2 2015	Q1 2015	
	Standardized approach	Advanced approach	Total	Standardized approach	Advanced approach	Total	RWA	RWA	RWA	RWA	RWA	RWA	RWA	RWA	
(\$ millions except as noted)															
Credit Risk															
Wholesale															
Corporate including specialized lending	1	21,042	250,803	271,845	21,119	80,375	101,494	104,488	101,300	98,764	106,399	91,489	91,458	85,757	88,895
Corporate small and medium enterprises (SMEs)	2	-	65,707	65,707	-	35,155	35,155	33,755	33,878	33,731	33,834	31,954	30,743	30,921	32,794
Sovereign	3	116	92,382	92,498	61	2,173	2,234	1,976	1,959	1,788	1,822	1,765	1,866	1,749	1,818
Bank	4	270	51,754	52,024	270	4,607	4,877	4,486	4,312	4,455	3,940	3,902	4,407	4,352	4,442
Retail															
Residential mortgages excluding home equity line of credits (HELOCs)	5	2,356	99,195	101,551	1,233	6,641	7,874	8,115	8,360	8,177	8,706	8,427	8,275	8,193	8,240
HELOCs	6	386	38,340	38,726	273	5,557	5,830	6,135	7,641	7,648	8,374	7,889	7,017	7,119	6,946
Qualifying revolving retail (QRR)	7	-	34,280	34,280	-	5,080	5,080	5,110	4,604	4,571	4,660	4,569	4,232	4,233	3,977
Other retail (excl. SMEs)	8	2,372	32,664	35,036	1,536	9,534	11,070	11,934	10,997	10,879	11,221	11,053	11,090	10,693	10,390
Retail SMEs	9	6,893	4,067	10,960	5,251	2,296	7,547	6,696	7,574	7,436	7,195	1,968	1,927	1,895	1,676
Equity	10	-	2,103	2,103	-	1,460	1,460	1,403	1,363	1,325	1,331	1,369	1,332	1,440	1,490
Trading book	11	113	136,330	136,443	113	10,154	10,267	9,675	9,758	9,754	9,436	8,415	9,763	9,198	10,556
Securitization	12	-	23,433	23,433	-	1,911	1,911	1,878	2,277	2,362	2,549	2,456	2,463	2,526	3,087
Other credit risk assets - non-counterparty managed assets	13	-	23,600	23,600	-	15,558	15,558	16,197	16,478	16,291	16,902	16,255	16,870	16,183	15,532
Scaling factor for credit risk assets under AIRB (1)	14	-	-	-	-	9,588	9,588	9,651	9,508	9,319	9,628	8,874	8,830	8,530	8,774
Total Credit Risk	15	33,548	854,658	888,206	29,856	190,089	219,945	222,499	220,009	216,500	225,997	200,385	200,273	192,789	198,617
Market Risk (2)	16	-	-	-	1,200	8,329	9,529	8,962	9,438	10,165	9,519	10,262	11,414	10,435	11,030
Operational Risk (3)	17	-	-	-	5,093	26,228	31,321	30,502	29,787	29,519	29,527	28,538	28,247	28,019	27,882
Common Equity Tier 1 (CET 1) Capital Risk-Weighted Assets before Capital floor (4) (5)	18	33,548	854,658	888,206	36,149	224,646	260,795	261,963	259,234	256,184	265,043	239,185	239,934	231,243	237,529
Basel I Capital Floor (4)	19	-	-	-	-	-	-	15,599	13,648	9,346	3,028	504	-	-	-
Common Equity Tier 1 (CET 1) Capital Risk-Weighted Assets (6)	20	-	-	-	36,149	224,646	260,795	277,562	272,882	265,530	268,071	239,689	239,934	231,243	237,529
Tier 1 Capital Risk-Weighted Assets before CVA and Capital floor	21	-	-	-	-	224,646	260,795	261,963	259,234	256,184	265,043	239,185	239,934	231,243	237,529
Additional CVA adjustment, prescribed by OSFI, for Tier 1 Capital (7)	22	-	-	-	-	280	280	380	380	369	338	286	331	341	411
Basel I Capital Floor (4)	23	-	-	-	-	-	-	15,219	13,268	8,977	2,690	218	-	-	-
Tier 1 Capital Risk-Weighted Assets (6)	24	-	-	-	36,149	224,926	261,075	277,562	272,882	265,530	268,071	239,689	240,265	231,584	237,940
Total Capital Risk-Weighted Assets before CVA and Capital floor	25	-	-	-	-	224,646	260,795	261,963	259,234	256,184	265,043	239,185	239,934	231,243	237,529
Additional CVA adjustment, prescribed by OSFI, for Total Capital (7)	26	-	-	-	-	504	504	705	706	685	628	531	615	633	763
Basel I Capital Floor (4)	27	-	-	-	-	-	-	14,894	12,942	8,661	2,400	-	-	-	-
Total Capital Risk Weighted Assets (RWA) (6)	28	-	-	-	36,149	225,150	261,299	277,562	272,882	265,530	268,071	239,716	240,549	231,876	238,292

RWA CVA PHASE-IN CALCULATION (7)	Q1 2017					
	CVA (A)	OSFI Scalars (B)	Total RWA Before CVA phase-in (C)	CVA phase-in Adjustments (D)=A*(100%-B)	Adjustment for Capital Floor (E)	RWA Net CVA phase-in (F)=C-D+E
Common Equity Tier 1 (CET 1) Capital RWA	29	5.607	72%	262,365	1,570	260,795
Tier 1 Capital RWA	30	5.607	77%	262,365	1,290	261,075
Total Capital RWA	31	5.607	81%	262,365	1,066	261,299

TRANSITIONAL CAPITAL DISCLOSURE		2017	2016	2016	2016
		Q1	Q4	Q3	Q2
<b>Transitional Basis - Basel III (8)</b>					
Common Equity Tier 1 capital (CET1)	32	30,852	32,271	31,165	29,699
Tier 1 capital (T1 = CET1 + AT1)	33	33,730	33,894	32,234	30,803
Total capital (TC = T1 + T2)	34	39,201	39,540	37,814	36,359
Total risk-weighted assets (4) (6)	35	269,602	295,658	289,931	282,851
Common Equity Tier 1 ratio (as percentage of risk weighted assets) (6)	36	11.4%	10.9%	10.7%	10.5%
Tier 1 ratio (as percentage of risk weighted assets) (6)	37	12.5%	11.5%	11.1%	10.9%
Total capital ratio (as percentage of risk weighted assets) (6)	38	14.5%	13.4%	13.0%	12.9%

CAPITAL RATIOS FOR SIGNIFICANT BANK SUBSIDIARIES	LINE #	2017	2016	2016	2016
		Q1	Q4	Q3	Q2
<b>Bank of Montreal Mortgage Corporation - Basel III</b>					
<b>Transitional Basis - Basel III (8)</b>					
Common Equity Tier 1 ratio (6)	39	21.7%	19.1%	18.2%	16.0%
Tier 1 ratio (6)	40	21.7%	19.1%	18.2%	16.0%
Total capital ratio (6)	41	22.1%	19.6%	18.6%	16.4%
<b>All-in Basis - Basel III (9)</b>					
Common Equity Tier 1 ratio (6)	42	21.6%	19.1%	18.1%	16.0%
Tier 1 ratio (6)	43	21.6%	19.1%	18.1%	16.0%
Total capital ratio (6)	44	22.1%	19.6%	18.6%	16.4%
<b>BMO Harris Bank N.A. - Basel I (10)</b>					
Tier 1 ratio	45	13.2%	12.8%	13.5%	13.6%
Total capital ratio	46	14.5%	14.1%	14.5%	14.5%

(1) The scaling factor is applied to the risk-weighted asset amounts for credit risk under the AIRB approach.

(2) Standardized market risk is comprised of interest rate issuer risk.

(3) BMO uses the Advanced Measurement Approach (AMA), a risk sensitive model, along with the Standardized Approach under OSFI rules, to determine capital requirements for operational risk.

(4) Under OSFI's Capital Adequacy Requirements (CAR) Guideline, which governs advanced approaches, the bank calculates a Capital Floor based on Basel I and may be required to increase its risk-weighted assets if the Capital Floor applies.

The Basel I Capital Floor did apply in Q4 2016, Q3 2016, Q2 2016, Q1 2016 and Q4 2015.

(5) In calculating the AIRB credit risk RWA for certain portfolios in BMO Financial Corp, a transitional floor based on the Standardized approach was applied until Q3 2015.

(6) During the fourth quarter of 2016, ratios and RWA were amended for Q3 2016, Q2 2016, and Q1 2016. RWA was also amended for Q4 2015.

(7) Commencing Q1 2014, a new CVA regulatory capital charge has been applied to derivatives. For Q3 2014, OSFI introduced a new three tier capital approach with different scalars for each tier. See above for calculation and scalars percentages. CET1 CVA phase-in factors are 64% in 2015, 64% in 2016 and 72% in 2017.

(8) Transitional capital ratios assume that all Basel III regulatory capital adjustments are phased in from January 1, 2014 to January 1, 2018 and that the capital value of instruments which no longer qualify as regulatory capital under Basel III rules will be phased out at a rate of 10% per year from January 1, 2013 and continuing to January 1, 2022.

(9) "All-in" capital ratios assume that all Basel III regulatory adjustments are applied effective January 1, 2013 and that the capital value of instruments which no longer qualify as regulatory capital under Basel III rules will be phased out at a rate of 10% per year from January 1, 2013, continuing to January 1, 2022. OSFI required all institutions to have attained an "all-in" target Common Equity Tier 1 ratio of 7% by the first quarter of 2013, and "all-in" target Tier 1 and Total Capital ratios of 8.5% and 10.5%, respectively, by Q1 2014.

(10) Calculated using Basel I guidelines currently in effect for U.S. regulatory purposes and based on Harris N.A.'s calendar quarter-ends.

**COMMON EQUITY TIER 1 (CET 1) CAPITAL RISK-WEIGHTED ASSETS BY OPERATING GROUPS**

(\$ millions except as noted)	LINE #	2017 Q1	2016 Q4	2016 Q3	2016 Q2	2016 Q1	2015 Q4
Personal and Commercial Banking	1	163,604	166,274	163,926	162,003	170,113	148,942
Wealth Management	2	15,917	15,735	16,204	15,680	16,115	15,620
BMO Capital Markets	3	70,457	68,785	67,463	67,885	68,733	65,311
Corporate Services, including Technology and Operations, plus excess of Basel I Capital Floor RWA over Basel III RWA (1)	4	10,817	26,768	25,289	19,962	13,110	9,816
<b>Total Common Equity Tier 1 Capital Risk-Weighted Assets (1)</b>	<b>5</b>	<b>260,795</b>	<b>277,562</b>	<b>272,882</b>	<b>265,530</b>	<b>268,071</b>	<b>239,689</b>

**FLOW STATEMENT OF BASEL III REGULATORY CAPITAL**

(\$ millions except as noted)		2017 Q1	2016 Q4	2016 Q3	2016 Q2	2016 Q1	2015 Q4
<b>Common Equity Tier 1 Capital</b>							
<b>Opening Balance</b>	6	28,159	27,168	25,742	26,766	25,628	25,002
New capital issues	7	252	76	93	18	39	17
Redeemed capital	8	-	-	-	-	-	-
Gross dividends (deduction)	9	(615)	(589)	(595)	(576)	(581)	(557)
Profit for the quarter (attributable to shareholders of the parent company)	10	1,487	1,344	1,245	973	1,060	1,206
Removal of own credit spread (net of tax)	11	31	47	32	258	(126)	(83)
Movements in other comprehensive income							
– Currency Translation Differences	12	(686)	489	714	(2,448)	1,499	(93)
– Available-for-sale securities	13	(101)	(37)	101	82	(23)	(166)
– Other (2)	14	198	(13)	(128)	(349)	(85)	181
Goodwill and other intangible assets (deduction, net of related tax liability)	15	168	(120)	(98)	710	(782)	10
Other, including regulatory adjustments and transitional arrangements							
– Deferred tax assets that rely on future profitability (excluding those arising from temporary differences)	16	71	(170)	33	233	(32)	161
– Prudential Valuation Adjustments	17	-	8	4	(36)	-	(32)
– Other (3)	18	(132)	(44)	25	111	169	(18)
<b>Closing Balance</b>	19	<b>28,832</b>	<b>28,159</b>	<b>27,168</b>	<b>25,742</b>	<b>26,766</b>	<b>25,628</b>
<b>Other non-core Tier 1 (Additional Tier 1) Capital</b>							
<b>Opening Balance</b>	20	4,077	3,479	3,481	3,486	3,788	3,188
New 'non-core' tier 1 (Additional Tier 1) eligible capital issues	21	-	600	-	-	-	600
Redeemed capital	22	-	-	-	-	(450)	-
Other, including regulatory adjustments and transitional arrangements (4)	23	(2)	(2)	(2)	(5)	148	-
<b>Closing Balance</b>	24	<b>4,075</b>	<b>4,077</b>	<b>3,479</b>	<b>3,481</b>	<b>3,486</b>	<b>3,788</b>
<b>Total Tier 1 Capital</b>	25	<b>32,907</b>	<b>32,236</b>	<b>30,647</b>	<b>29,223</b>	<b>30,252</b>	<b>29,416</b>
<b>Tier 2 Capital</b>							
<b>Opening Balance</b>	26	5,626	5,560	5,534	5,639	5,168	4,878
New Tier 2 eligible capital issues	27	-	-	1,250	-	1,000	-
Redeemed capital	28	-	-	(1,500)	(700)	-	-
Amortization adjustments	29	-	-	-	-	-	-
Other, including regulatory adjustments and transitional arrangements (5)	30	(165)	66	276	595	(529)	290
<b>Closing Balance</b>	31	<b>5,461</b>	<b>5,626</b>	<b>5,560</b>	<b>5,534</b>	<b>5,639</b>	<b>5,168</b>
<b>Total Regulatory Capital</b>	32	<b>38,368</b>	<b>37,862</b>	<b>36,207</b>	<b>34,757</b>	<b>35,891</b>	<b>34,584</b>

(1) During the fourth quarter of 2016, RWA was amended for Q3 2016, Q2 2016, Q1 2016 and Q4 2015.

(2) Includes: AOCI on pension and other post-employment benefits and on own credit risk financial liabilities designated at fair value.

(3) Includes: Capital deductions for expected loss in excess of allowances, defined benefit pension assets (net of related deferred tax liability) and investment in own shares, changes in contributed surplus and threshold deductions.

(4) Includes: Corresponding deductions from Additional Tier 1 Capital and transitional arrangements (phased-out amount).

(5) Includes: Eligible allowances, transitional arrangements (phased-out amount) and corresponding deductions from Tier 2 Capital.



**CREDIT RISK RISK-WEIGHTED ASSETS (RWA) MOVEMENT BY KEY DRIVERS**

(\$ millions except as noted)	LINE #	2017		2016	2016	2016	2016	2015
		Q1	Of which counterparty credit risk (5)	Q4	Q3	Q2	Q1	Q4
		Credit Risk		Credit Risk	Credit Risk	Credit Risk	Credit Risk	Credit Risk
<b>Opening Credit RWA, beginning of quarter</b>	1	222,499	10,932	220,009	216,500	225,997	200,385	200,273
Book size (1)	2	314	796	2,590	1,445	4,753	5,753	1,493
Book quality (2)	3	780	298	(2,025)	(1,547)	1,636	803	(5,470)
Model Updates (3)	4	-	-	(1,052)	(104)	(1,198)	168	611
Methodology and Policy (4)	5	147	434	(469)	(1,058)	(177)	(303)	3,521
Acquisitions and disposals	6	-	-	-	-	-	10,605	-
Foreign exchange movements	7	(3,795)	(86)	3,446	4,773	(14,511)	8,586	(43)
Other	8	-	-	-	-	-	-	-
<b>Closing Credit RWA, end of quarter</b>	9	219,945	12,374	222,499	220,009	216,500	225,997	200,385

(1) Book size includes organic changes in book size and composition (including new business and maturing loans).

(2) Book quality captures the quality of book changes caused by experience such as underlying customer behaviour or demographics, including changes through model calibrations/realignments.

(3) Model updates includes model implementation, change in model scope or any change to address model malfunctions.

(4) Methodology and policy includes methodology changes to the calculations driven by regulatory policy changes, such as new regulation.

(5) Counterparty credit risk includes RWA for derivatives, repo-style transactions, trades cleared through central counterparties and CVA adjustment.

**MARKET RISK RISK-WEIGHTED ASSETS (RWA) MOVEMENT BY KEY DRIVERS**

(\$ millions except as noted)		2017	2016	2016	2016	2016	2015
		Q1	Q4	Q3	Q2	Q1	Q4
<b>Market Risk RWA, beginning of quarter</b>	10	8,962	9,438	10,165	9,519	10,262	11,414
Movement in risk levels (1)	11	1,096	447	(1,084)	825	(570)	697
Model updates (2)	12	-	-	-	-	-	-
Methodology and policy (3)	13	(529)	(923)	357	(179)	(173)	(1,849)
Acquisition and disposals	14	-	-	-	-	-	-
Foreign exchange movement and others	15	-	-	-	-	-	-
<b>Market Risk RWA, end of quarter</b>	16	9,529	8,962	9,438	10,165	9,519	10,262

(1) Movement in risks levels includes changes in exposures and market movements.

(2) Model updates includes updates to the model to reflect recent experience, change in model scope.

(3) Methodology and policy includes changes to the calculations driven by regulatory guidance and/or policy changes.

**EQUITY SECURITIES EXPOSURE AMOUNT (1)**

(\$ millions except as noted)

LINE #	2017	2016	2016	2016	2016	2015
	Q1	Q4	Q3	Q2	Q1	Q4
Equity investments used for capital gains (Merchant Banking)	497	464	463	459	440	436
Equity investments used for mutual fund seed capital	23	22	29	27	21	34
Equity used for other (including strategic investments)	1,583	1,636	1,571	1,524	1,509	1,495
<b>Total Equity Exposure</b>	<b>2,103</b>	<b>2,122</b>	<b>2,063</b>	<b>2,010</b>	<b>1,970</b>	<b>1,965</b>

(1) BMO's non-trading equity exposures are at a level that represents less than the 10% of the Bank's materiality threshold of the Bank's combined Tier 1 and Tier 2 Capital. As a result, the Bank uses OSFI-prescribed risk weights to calculate RWA on non-trading equity exposures.

**EQUITY INVESTMENT SECURITIES (2)**

(\$ millions except as noted)

	LINE #	Q1 2017			Q4 2016			Q3 2016			Q2 2016		
		Book Value	Market Value	Unrealized Gain (Loss)	Book Value	Market Value	Unrealized Gain (Loss)	Book Value	Market Value	Unrealized Gain (Loss)	Book Value	Market Value	Unrealized Gain (Loss)
Grandfathered													
Public	5	3	3	-	3	3	-	5	5	-	4	4	-
Private													
Direct funds	6	116	116	-	114	114	-	112	112	-	112	112	-
Indirect funds	7	38	38	-	38	38	-	38	38	-	41	41	-
<b>Total Grandfathered</b>	<b>8</b>	<b>157</b>	<b>157</b>	<b>-</b>	<b>155</b>	<b>155</b>	<b>-</b>	<b>155</b>	<b>155</b>	<b>-</b>	<b>157</b>	<b>157</b>	<b>-</b>
Non-grandfathered													
Public	9	30	30	-	46	46	-	53	53	-	49	49	-
Private													
Direct funds	10	264	264	-	251	251	-	229	229	-	225	225	-
Indirect funds	11	396	396	-	367	367	-	357	357	-	352	352	-
Other	12	1,256	952	(304)	1,303	1,042	(261)	1,269	1,043	(226)	1,227	1,015	(212)
<b>Total Non-grandfathered</b>	<b>13</b>	<b>1,946</b>	<b>1,642</b>	<b>(304)</b>	<b>1,967</b>	<b>1,706</b>	<b>(261)</b>	<b>1,908</b>	<b>1,682</b>	<b>(226)</b>	<b>1,853</b>	<b>1,641</b>	<b>(212)</b>
<b>Total Equities</b>	<b>14</b>	<b>2,103</b>	<b>1,799</b>	<b>(304)</b>	<b>2,122</b>	<b>1,861</b>	<b>(261)</b>	<b>2,063</b>	<b>1,837</b>	<b>(226)</b>	<b>2,010</b>	<b>1,798</b>	<b>(212)</b>

Total realized gains or losses arising from sales or liquidations in the reporting period	15			1			-			-			(1)
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(2) The schedule consists of corporate equity securities in the banking book only. Excluded are investments in deconsolidated subsidiaries and substantial investments, which are deducted (voluntarily in the case of merchant banking specialized financing entity investments) from capital for regulatory capital calculation purposes.

**EXPOSURE COVERED BY CREDIT RISK MITIGATION (1)**

(\$ millions except as noted)

LINE #	Q1 2017				Q4 2016				Q3 2016				
	Standardized		AIRB		Standardized		AIRB		Standardized		AIRB		
	Gross Exposure (2)	Exposure Amount Covered By Guarantees Or Credit Derivatives	Adjusted EAD	Exposure Amount Covered By Guarantees Or Credit Derivatives	Gross Exposure (2)	Exposure Amount Covered By Guarantees Or Credit Derivatives	Adjusted EAD	Exposure Amount Covered By Guarantees Or Credit Derivatives	Gross Exposure (2)	Exposure Amount Covered By Guarantees Or Credit Derivatives	Adjusted EAD	Exposure Amount Covered By Guarantees Or Credit Derivatives	
Corporate (incl specialized lending and SMEs treated as corporate)	1	21,042	-	318,394	26,179	22,074	-	308,465	27,130	21,921	-	303,570	25,872
Sovereign	2	116	-	148,723	56,818	122	-	142,382	55,634	133	-	146,693	55,600
Bank	3	270	-	52,335	4,374	264	-	41,350	1,718	218	-	46,981	1,887
<b>Total Corporate, Sovereign and Bank</b>	<b>4</b>	<b>21,428</b>	<b>-</b>	<b>519,452</b>	<b>87,371</b>	<b>22,460</b>	<b>-</b>	<b>492,197</b>	<b>84,482</b>	<b>22,272</b>	<b>-</b>	<b>497,244</b>	<b>83,359</b>
Residential mortgages excluding home equity line of credits (HELOCs)	5	2,356	41	42,888	-	2,594	44	43,882	-	2,842	44	50,520	-
HELOCs	6	386	-	38,340	-	431	-	39,177	-	462	-	43,665	-
Other retail excl. SMEs and QRR	7	2,372	491	30,165	-	2,395	480	32,872	-	2,201	495	21,350	-
Qualifying revolving retail	8	-	-	34,280	-	-	-	34,016	-	-	-	31,919	-
Retail SMEs	9	6,893	-	4,067	-	7,135	-	4,064	-	7,028	-	4,017	-
Total Retail	10	12,007	532	149,740	-	12,555	524	154,011	-	12,533	539	151,471	-
<b>Total Bank Banking Book Portfolios</b>	<b>11</b>	<b>33,435</b>	<b>532</b>	<b>669,192</b>	<b>87,371</b>	<b>35,015</b>	<b>524</b>	<b>646,208</b>	<b>84,482</b>	<b>34,805</b>	<b>539</b>	<b>648,715</b>	<b>83,359</b>

(1) Credit risk mitigants herein include only credit derivatives and guarantees. Includes \$58.8 billion NHA or other mortgage insurance guarantees.

Commercial collateral is reflected in the risk parameters (PDs, LGDs) for AIRB exposures and risk weights for exposures under the Standardized approach. None of the Standardized exposures have eligible financial collateral.

(2) Gross exposure means gross of all allowances for credit loss.

**CREDIT RISK EXPOSURE BY GEOGRAPHIC REGION (3)**

(\$ millions except as noted)

	LINE #	Q1 2017				Q4 2016				Q3 2016			
		Canada	U.S.	Other	Total	Canada	U.S.	Other	Total	Canada	U.S.	Other	Total
Corporate (incl specialized lending and SMEs treated as corporate)	12	143,334	183,607	10,611	337,552	147,582	172,594	8,761	328,937	148,786	166,257	9,162	324,205
Sovereign	13	29,051	50,828	12,619	92,498	40,017	43,533	3,696	87,246	38,416	48,524	4,656	91,596
Bank	14	8,337	23,142	20,545	52,024	9,029	15,661	16,308	40,998	11,057	17,666	17,830	46,553
<b>Total Corporate, Sovereign and Bank</b>	<b>15</b>	<b>180,722</b>	<b>257,577</b>	<b>43,775</b>	<b>482,074</b>	<b>196,628</b>	<b>231,788</b>	<b>28,765</b>	<b>457,181</b>	<b>198,259</b>	<b>232,447</b>	<b>31,648</b>	<b>462,354</b>
Residential mortgages excluding home equity line of credits (HELOCs)	16	92,918	8,633	-	101,551	92,767	8,903	-	101,670	100,334	10,190	-	110,524
HELOCs	17	31,086	7,640	-	38,726	31,680	7,928	-	39,608	35,690	8,437	-	44,127
Other retail excl. SMEs and QRR	18	28,682	6,100	254	35,036	28,674	8,660	215	37,549	16,325	7,024	202	23,551
Qualifying revolving retail	19	34,223	57	-	34,280	33,963	53	-	34,016	31,853	66	-	31,919
Retail SMEs	20	4,103	6,857	-	10,960	4,105	7,094	-	11,199	4,067	6,978	-	11,045
Total Retail	21	191,012	29,287	254	220,553	191,189	32,638	215	224,042	188,269	32,695	202	221,166
<b>Total Bank</b>	<b>22</b>	<b>371,734</b>	<b>286,864</b>	<b>44,029</b>	<b>702,627</b>	<b>387,817</b>	<b>264,426</b>	<b>28,980</b>	<b>681,223</b>	<b>386,528</b>	<b>265,142</b>	<b>31,850</b>	<b>683,520</b>

**CREDIT RISK EXPOSURE BY INDUSTRY (3)**

(\$ millions except as noted)

	LINE #	Q1 2017					Q4 2016					Q3 2016	Q2 2016		
		Drawn	Commitments (Undrawn) (4)	OTCs	Other Off Balance Sheet Items	Repo Style Transactions	Total	Drawn	Commitments (Undrawn) (4)	OTCs	Other Off Balance Sheet Items	Repo Style Transactions	Total	Total	Total
Agriculture	23	10,429	1,552	-	14	-	11,995	10,490	1,575	-	18	-	12,083	11,839	12,107
Communications	24	848	931	-	300	-	2,079	881	882	-	274	-	2,037	1,992	1,946
Construction	25	3,526	2,900	-	1,022	-	7,448	3,539	3,174	-	1,067	-	7,780	7,628	7,541
Financial (5) (6)	26	97,790	20,969	30	4,254	101,670	224,713	95,392	20,590	23	3,773	76,994	196,772	217,333	207,410
Government (6)	27	34,623	2,554	-	787	3,760	41,724	35,569	2,563	-	863	3,583	42,578	36,425	34,273
Manufacturing	28	18,158	11,719	11	1,245	-	31,133	18,430	12,279	14	1,216	-	31,939	30,432	30,462
Mining	29	1,369	3,012	-	818	-	5,199	1,884	2,668	-	1,009	-	5,561	5,087	4,999
Other	30	6,490	84	-	741	-	7,315	5,310	107	-	838	-	6,255	6,670	8,198
Real estate	31	24,766	5,809	-	742	-	31,317	24,310	6,101	-	783	-	31,194	30,563	29,507
Retail trade	32	17,036	4,148	-	500	-	21,684	17,314	3,952	-	497	-	21,763	20,242	21,031
Service industries	33	33,713	10,849	1	2,822	-	47,385	33,650	11,503	1	2,909	-	48,063	45,381	42,453
Transportation	34	5,572	1,792	-	764	-	8,128	5,770	1,911	-	783	-	8,464	8,109	7,937
Utilities	35	3,094	4,448	-	1,971	-	9,513	3,368	4,229	-	2,030	-	9,207	9,207	8,930
Wholesale trade	36	10,966	4,234	-	404	-	16,604	10,726	4,282	-	413	-	15,421	14,736	14,187
Individual	37	178,211	42,191	-	141	-	220,543	182,358	41,533	-	150	-	224,041	221,141	217,362
Oil and Gas	38	6,933	7,426	-	1,340	-	15,699	7,877	7,340	-	1,318	-	16,535	15,650	15,015
Forest products	39	733	371	-	44	-	1,148	658	408	-	44	-	1,110	1,085	1,151
<b>Total</b>	<b>40</b>	<b>454,257</b>	<b>124,989</b>	<b>42</b>	<b>17,909</b>	<b>105,430</b>	<b>702,627</b>	<b>457,526</b>	<b>125,097</b>	<b>38</b>	<b>17,985</b>	<b>80,577</b>	<b>681,223</b>	<b>683,520</b>	<b>664,509</b>

(3) Credit exposure excluding Equity, Securitization, Trading Book and other assets such as non-significant investments, goodwill, deferred tax assets and intangibles.

(4) This includes credit exposures on committed undrawn amounts of loans, derived as estimated drawdown under the Advanced Internal Rating Based approach or by application of Credit Conversion Factors under the Standardized approach.

(5) Includes \$37.4 billion of deposits with Financial Institutions as at January 31, 2017 (\$32.5 billion as at October 31, 2016, \$40.6 billion as at July 31, 2016, and \$40.1 billion as at April 30, 2016).

(6) Prior period numbers have been restated to conform with the current period's presentation.

**CREDIT RISK EXPOSURE BY MAJOR ASSET CLASS (1)**

(\$ millions except as noted)

LINE #	Q1 2017						Q4 2016						Q3 2016	Q2 2016	
	Drawn	Commitments (Undrawn)	OTCs	Other Off Balance Sheet Items	Repo Style Transactions	Total	Drawn	Commitments (Undrawn)	OTCs	Other Off Balance Sheet Items	Repo Style Transactions	Total	Total	Total	
Basel III Asset Classes															
Corporate (incl specialized lending and SMEs treated as corporate)	1	173,044	74,525	37	15,243	74,703	337,552	177,302	75,491	38	15,134	60,972	328,937	324,205	311,597
Sovereign	2	78,189	3,317	-	1,416	9,576	92,498	75,615	3,251	-	1,556	6,824	87,246	91,596	94,031
Bank	3	24,804	4,956	5	1,108	21,151	52,024	22,250	4,822	-	1,145	12,781	40,998	46,553	41,427
Total Corporate, Sovereign and Bank Exposure	4	276,037	82,798	42	17,767	105,430	482,074	275,167	83,564	38	17,835	80,577	457,181	462,354	447,055
Residential mortgages excluding home equity line of credits (HELOCs)	5	101,350	101	-	100	-	101,551	101,462	101	-	107	-	101,670	110,524	107,969
HELOCs	6	28,020	10,706	-	-	-	38,726	29,133	10,475	-	-	-	39,608	44,127	43,697
Other retail excl. SMEs and QRR	7	32,838	2,192	-	6	-	35,036	35,395	2,148	-	6	-	37,549	23,551	23,030
Qualifying revolving retail	8	6,946	27,334	-	-	-	34,280	7,049	26,967	-	-	-	34,016	31,919	31,928
Retail SMEs	9	9,066	1,858	-	36	-	10,960	9,320	1,842	-	37	-	11,199	11,045	10,830
Total Retail Exposures	10	178,220	42,191	-	142	-	220,553	182,359	41,533	-	150	-	224,042	221,166	217,454
Total Gross Credit Exposures	11	454,257	124,989	42	17,909	105,430	702,627	457,526	125,097	38	17,985	80,577	681,223	683,520	664,509

**CREDIT RISK BY RESIDUAL CONTRACT MATURITY BREAKDOWN**

(\$ millions except as noted)

LINE #	Q1 2017						Q4 2016						Q3 2016	Q2 2016	
	Drawn	Commitments (Undrawn)	OTCs	Other Off Balance Sheet Items	Repo Style Transactions	Total	Drawn	Commitments (Undrawn)	OTCs	Other Off Balance Sheet Items	Repo Style Transactions	Total	Total	Total	
Up to 1 year	12	140,048	72,674	17	10,327	105,367	328,433	137,607	72,046	20	11,616	80,514	301,803	322,036	338,391
1 to 5 years	13	256,153	48,278	25	7,441	63	311,960	259,735	48,290	17	6,013	63	314,118	301,734	272,407
Greater than 5 years	14	58,056	4,037	-	141	-	62,234	60,184	4,761	1	356	-	65,302	59,750	53,711
Total	15	454,257	124,989	42	17,909	105,430	702,627	457,526	125,097	38	17,985	80,577	681,223	683,520	664,509

**PORTFOLIO BREAKDOWN BY BASEL APPROACHES**

(\$ millions except as noted)

LINE #	Q1 2017				Q4 2016				Q3 2016				
	Standardized		AIRB		Standardized		AIRB		Standardized		AIRB		
	Drawn	Credit Equivalent Amount on Undrawn	Drawn	Credit Equivalent Amount on Undrawn	Drawn	Credit Equivalent Amount on Undrawn	Drawn	Credit Equivalent Amount on Undrawn	Drawn	Credit Equivalent Amount on Undrawn	Drawn	Credit Equivalent Amount on Undrawn	
Corporate (incl specialized lending and SMEs treated as corporate)	16	17,054	3,211	155,990	71,314	17,673	3,517	159,629	71,974	17,576	3,398	155,871	66,051
Sovereign	17	78	36	78,111	3,281	86	34	75,529	3,217	84	47	76,505	2,864
Bank	18	115	128	24,689	4,828	111	126	22,139	4,696	146	49	24,517	4,715
Total Corporate, Sovereign & Bank	19	17,247	3,375	258,790	79,423	17,870	3,677	257,297	79,887	17,806	3,494	256,893	73,630
Residential mortgages excluding home equity line of credits (HELOCs)	20	2,256	-	99,094	101	2,486	-	98,976	101	2,723	-	107,579	104
HELOCs	21	387	-	27,633	10,706	431	-	28,702	10,475	463	-	32,547	11,117
Other retail excl. SMEs and QRR	22	2,367	-	30,471	2,192	2,389	-	33,006	2,148	2,201	-	19,418	1,932
Qualifying revolving retail	23	-	-	6,946	27,334	-	-	7,049	26,967	-	-	7,042	24,877
Retail SMEs	24	6,892	-	2,174	1,858	7,135	-	2,185	1,842	7,028	-	2,181	1,798
Total Retail	25	11,902	-	166,318	42,191	12,441	-	169,918	41,533	12,415	-	168,767	39,828
Total Bank	26	29,149	3,375	425,108	121,614	30,311	3,677	427,215	121,420	30,221	3,494	425,660	113,458

(1) Credit exposure excluding Equity, Securitization, Trading Book and other.

**CREDIT EXPOSURE OF PORTFOLIOS UNDER STANDARDIZED APPROACH BY RISK WEIGHT (1) (2)**

(\$ millions)

Risk Weights	LINE #	Q1 2017								Total
		0%	20%	35%	50%	75%	100%	150%		
Total Wholesale portfolios										
Corporate (incl SMEs treated as Corporate)	1	-	54	-	20	-	20,629	313	-	21,016
Sovereign	2	-	-	-	111	-	5	-	-	116
Bank	3	-	-	-	-	-	270	-	-	270
<b>Total Wholesale portfolios</b>	<b>4</b>	<b>-</b>	<b>54</b>	<b>-</b>	<b>131</b>	<b>-</b>	<b>20,904</b>	<b>313</b>	<b>-</b>	<b>21,402</b>
Total Retail portfolios										
Retail residential mortgages (including HELOCs)	5	-	41	1,385	-	1,208	108	-	-	2,742
Other retail	6	405	86	-	-	1,730	11	140	-	2,372
SME treated as retail	7	-	-	-	-	6,784	-	109	-	6,893
<b>Total Retail portfolios</b>	<b>8</b>	<b>405</b>	<b>127</b>	<b>1,385</b>	<b>-</b>	<b>9,722</b>	<b>119</b>	<b>249</b>	<b>-</b>	<b>12,007</b>
<b>Total</b>	<b>9</b>	<b>405</b>	<b>181</b>	<b>1,385</b>	<b>131</b>	<b>9,722</b>	<b>21,023</b>	<b>562</b>	<b>-</b>	<b>33,409</b>

Risk Weights	LINE #	Q4 2016								Total
		0%	20%	35%	50%	75%	100%	150%		
Total Wholesale portfolios										
Corporate (incl SMEs treated as Corporate)	10	-	57	-	21	-	21,643	326	-	22,047
Sovereign	11	-	-	-	117	-	5	-	-	122
Bank	12	-	-	-	-	-	264	-	-	264
<b>Total Wholesale portfolios</b>	<b>13</b>	<b>-</b>	<b>57</b>	<b>-</b>	<b>138</b>	<b>-</b>	<b>21,912</b>	<b>326</b>	<b>-</b>	<b>22,433</b>
Total Retail portfolios										
Retail residential mortgages (including HELOCs)	14	-	44	1,540	-	1,334	106	-	-	3,024
Other retail	15	374	106	-	-	1,761	11	143	-	2,395
SME treated as retail	16	-	-	-	-	7,033	-	101	-	7,134
<b>Total Retail portfolios</b>	<b>17</b>	<b>374</b>	<b>150</b>	<b>1,540</b>	<b>-</b>	<b>10,128</b>	<b>117</b>	<b>244</b>	<b>-</b>	<b>12,553</b>
<b>Total</b>	<b>18</b>	<b>374</b>	<b>207</b>	<b>1,540</b>	<b>138</b>	<b>10,128</b>	<b>22,029</b>	<b>570</b>	<b>-</b>	<b>34,986</b>

Risk Weights	LINE #	Q3 2016								Total
		0%	20%	35%	50%	75%	100%	150%		
Total Wholesale portfolios										
Corporate (incl SMEs treated as Corporate)	19	-	-	-	21	-	21,558	302	-	21,881
Sovereign	20	-	-	-	122	-	9	-	-	131
Bank	21	-	-	-	-	-	217	1	-	218
<b>Total Wholesale portfolios</b>	<b>22</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>143</b>	<b>-</b>	<b>21,784</b>	<b>303</b>	<b>-</b>	<b>22,230</b>
Total Retail portfolios										
Retail residential mortgages (including HELOCs)	23	-	44	1,723	-	1,433	103	-	-	3,303
Other retail	24	389	106	-	-	1,575	1	131	-	2,202
SME treated as retail	25	-	-	-	-	6,922	-	107	-	7,029
<b>Total Retail portfolios</b>	<b>26</b>	<b>389</b>	<b>150</b>	<b>1,723</b>	<b>-</b>	<b>9,930</b>	<b>104</b>	<b>238</b>	<b>-</b>	<b>12,534</b>
<b>Total</b>	<b>27</b>	<b>389</b>	<b>150</b>	<b>1,723</b>	<b>143</b>	<b>9,930</b>	<b>21,888</b>	<b>541</b>	<b>-</b>	<b>34,764</b>

Risk Weights	LINE #	Q2 2016								Total
		0%	20%	35%	50%	75%	100%	150%		
Total Wholesale portfolios										
Corporate (incl SMEs treated as Corporate)	28	-	97	-	45	-	21,804	365	-	22,311
Sovereign	29	-	-	-	113	-	5	5	-	123
Bank	30	-	-	-	5	-	369	1	-	375
<b>Total Wholesale portfolios</b>	<b>31</b>	<b>-</b>	<b>97</b>	<b>-</b>	<b>163</b>	<b>-</b>	<b>22,178</b>	<b>371</b>	<b>-</b>	<b>22,809</b>
Total Retail portfolios										
Retail residential mortgages (including HELOCs)	32	-	45	1,539	-	1,457	108	-	-	3,149
Other retail	33	407	104	-	-	1,599	-	134	-	2,244
SME treated as retail	34	-	-	-	-	6,701	-	113	-	6,814
<b>Total Retail portfolios</b>	<b>35</b>	<b>407</b>	<b>149</b>	<b>1,539</b>	<b>-</b>	<b>9,757</b>	<b>108</b>	<b>247</b>	<b>-</b>	<b>12,207</b>
<b>Total</b>	<b>36</b>	<b>407</b>	<b>246</b>	<b>1,539</b>	<b>163</b>	<b>9,757</b>	<b>22,286</b>	<b>618</b>	<b>-</b>	<b>35,016</b>

Risk Weights	LINE #	Q1 2016								Total
		0%	20%	35%	50%	75%	100%	150%		
Total Wholesale portfolios										
Corporate (incl SMEs treated as Corporate)	37	-	103	-	52	-	24,390	485	-	25,030
Sovereign	38	-	-	-	136	-	4	5	-	145
Bank	39	-	-	-	7	-	401	1	-	409
<b>Total Wholesale portfolios</b>	<b>40</b>	<b>-</b>	<b>103</b>	<b>-</b>	<b>195</b>	<b>-</b>	<b>24,795</b>	<b>491</b>	<b>-</b>	<b>25,584</b>
Total Retail portfolios										
Retail residential mortgages (including HELOCs)	41	-	51	1,851	-	1,713	117	-	-	3,732
Other retail	42	394	104	-	-	1,755	-	155	-	2,408
SME treated as retail	43	-	-	-	-	7,365	28	70	-	7,463
<b>Total Retail portfolios</b>	<b>44</b>	<b>394</b>	<b>155</b>	<b>1,851</b>	<b>-</b>	<b>10,833</b>	<b>145</b>	<b>225</b>	<b>-</b>	<b>13,603</b>
<b>Total</b>	<b>45</b>	<b>394</b>	<b>258</b>	<b>1,851</b>	<b>195</b>	<b>10,833</b>	<b>24,940</b>	<b>716</b>	<b>-</b>	<b>39,187</b>

(1) Exposure amounts are net of all allowances for credit losses. Exposures reflect the risk weights of the guarantors, where applicable.

(2) Credit assessments by external credit rating agencies, including S&P and Moody's, are used to determine standardized risk weights based on guidelines issued by OSFI.

CORPORATE, SOVEREIGN AND BANK CREDIT EXPOSURE BY RISK CATEGORY UNDER AIRB APPROACH (1)

Corporate Sovereign Bank Exposures

Risk Profile	LINE #	Q1 2017						Q4 2016					Q3 2016					Q2 2016				
		Total		Total Exposure	Total		Total Exposure	Total		Total Exposure	Total		Total Exposure	Total		Total Exposure	Total		Total Exposure	Total		Total Exposure
		Drawn	Undrawn		Exposure Weighted Average LGD%	Exposure Weighted Average Risk weight		Drawn	Undrawn		Exposure Weighted Average LGD%	Exposure Weighted Average Risk weight		Drawn	Undrawn		Exposure Weighted Average LGD%	Exposure Weighted Average Risk weight		Drawn	Undrawn	
Total investment grade	1	241,588	59,385	300,973	22.96%	15.53%	239,735	59,244	298,979	23.11%	15.88%	243,712	54,137	297,849	22.61%	15.44%	235,332	53,732	289,064	23.27%	15.51%	
Non-investment grade	2	71,409	19,182	90,591	34.86%	67.38%	69,724	19,667	89,391	34.91%	67.27%	65,521	18,443	83,964	35.30%	69.24%	62,904	19,599	82,503	35.34%	68.43%	
Watchlist	3	3,579	688	4,267	33.04%	127.46%	4,060	789	4,849	32.14%	126.31%	3,667	897	4,564	33.40%	137.76%	3,462	805	4,267	33.37%	136.10%	
Default	4	1,020	168	1,188	37.63%	244.00%	1,253	187	1,440	36.33%	226.33%	1,156	153	1,309	38.13%	233.14%	1,165	114	1,279	36.59%	253.11%	
	5	317,596	79,423	397,019			314,772	79,887	394,659			314,056	73,630	387,686			302,863	74,250	377,113			

RETAIL CREDIT EXPOSURE BY PORTFOLIO AND RISK CATEGORY UNDER AIRB APPROACH (1)

Risk Profile	LINE #	Q1 2017						Q4 2016					Q3 2016					Q2 2016				
		Total		Total Exposure	Total		Total Exposure	Total		Total Exposure	Total		Total Exposure	Total		Total Exposure	Total		Total Exposure	Total		Total Exposure
		Drawn	Undrawn		Exposure Weighted Average LGD%	Exposure Weighted Average Risk weight		Drawn	Undrawn		Exposure Weighted Average LGD%	Exposure Weighted Average Risk weight		Drawn	Undrawn		Exposure Weighted Average LGD%	Exposure Weighted Average Risk weight		Drawn	Undrawn	
<b>Residential Mortgages and HELOCs</b>																						
Exceptionally low	6	13,838	9,862	23,700	24.98%	2.81%	14,203	9,611	23,814	24.89%	2.80%	15,854	10,073	25,927	24.88%	3.15%	15,743	9,999	25,742	25.53%	3.23%	
Very low (2)	7	29,730	449	30,179	13.70%	3.78%	30,741	459	31,200	13.69%	3.79%	39,360	501	39,861	14.61%	4.23%	37,255	472	37,727	14.75%	4.29%	
Low (2)	8	12,692	189	12,881	21.36%	13.82%	13,067	184	13,251	21.16%	13.85%	10,702	466	11,168	20.71%	15.51%	9,742	480	10,222	22.39%	16.49%	
Medium	9	12,626	165	12,791	19.73%	40.27%	12,941	162	13,103	19.86%	40.25%	15,747	169	15,916	20.47%	39.36%	15,248	182	15,430	21.73%	41.27%	
High	10	878	141	1,019	30.85%	164.39%	889	159	1,048	33.16%	175.61%	641	11	652	37.23%	169.62%	594	8	602	38.92%	179.73%	
Default	11	656	1	657	37.06%	271.06%	642	1	643	37.72%	278.99%	659	1	660	49.58%	395.13%	644	1	645	48.87%	386.14%	
	12	70,420	10,807	81,227			72,483	10,576	83,059			82,963	11,221	94,184			79,226	11,142	90,368			
<b>Qualifying Revolving Retail</b>																						
Exceptionally low	13	172	15,332	15,504	74.71%	1.70%	218	14,786	15,004	73.59%	1.67%	191	13,861	14,052	85.81%	2.11%	162	14,124	14,286	86.25%	2.15%	
Very low	14	572	5,688	6,260	69.85%	4.77%	596	5,710	6,306	69.17%	4.75%	621	4,923	5,544	77.13%	4.82%	599	4,831	5,430	76.97%	4.79%	
Low	15	2,935	4,420	7,355	70.88%	11.71%	2,977	4,438	7,415	70.81%	11.71%	3,076	4,548	7,624	76.08%	11.01%	3,004	4,527	7,531	75.71%	10.86%	
Medium	16	2,653	1,724	4,377	81.68%	52.95%	2,644	1,857	4,501	81.16%	52.46%	2,797	1,392	4,189	88.56%	53.11%	2,748	1,431	4,179	89.27%	52.89%	
High	17	563	162	725	75.32%	153.93%	565	168	733	75.30%	153.64%	309	146	455	80.78%	176.50%	294	149	443	80.95%	176.26%	
Default	18	51	8	59	60.56%	378.17%	49	8	57	60.95%	360.89%	48	7	55	63.24%	310.89%	52	7	59	63.31%	330.52%	
	19	6,946	27,334	34,280			7,049	26,967	34,016			7,042	24,877	31,919			6,859	25,069	31,928			
<b>Other Retail and Retail SME</b>																						
Exceptionally low	20	1,172	1,256	2,428	43.12%	4.92%	1,193	1,244	2,437	45.00%	5.15%	81	536	617	89.44%	10.09%	85	521	606	89.77%	10.09%	
Very low	21	9,157	1,371	10,528	32.58%	9.01%	11,078	1,363	12,441	36.50%	10.09%	5,590	1,805	7,395	54.46%	15.47%	5,304	1,673	6,977	55.06%	15.89%	
Low	22	10,745	1,071	11,816	60.19%	34.65%	11,235	1,047	12,282	59.29%	34.81%	8,625	1,068	9,693	72.04%	41.12%	8,585	1,059	9,644	72.24%	41.23%	
Medium	23	8,227	273	8,500	48.16%	58.14%	8,583	274	8,857	49.54%	59.63%	6,825	279	7,104	63.78%	74.34%	6,753	279	7,032	64.16%	74.95%	
High	24	683	78	761	83.07%	165.78%	666	61	727	84.38%	167.72%	331	41	372	121.71%	252.76%	337	43	380	121.86%	252.07%	
Default	25	162	1	163	49.39%	275.36%	156	1	157	50.67%	296.62%	103	1	104	59.41%	359.51%	99	1	100	59.35%	324.60%	
	26	30,146	4,050	34,196			32,911	3,990	36,901			21,599	3,730	25,329			21,163	3,576	24,739			

Recap of AIRB and Standardized Portfolios

Total AIRB wholesale credit exposure by risk ratings	27	317,596	79,423			314,772	79,887			314,056	73,630			302,863	74,250		
Retail AIRB credit exposure by portfolio and risk ratings	28	70,420	10,807			72,483	10,576			82,963	11,221			79,226	11,142		
Residential mortgages	29	6,946	27,334			7,049	26,967			7,042	24,877			6,859	25,069		
Qualifying revolving retail	30	30,146	4,050			32,911	3,990			21,599	3,730			21,163	3,576		
Other retail and Retail SME	31	29,149				30,311	3,677			30,221	3,494			31,320	2,931		
Total Standardized portfolio	32	454,257	124,989			457,526	125,097			455,881	116,952			441,431	116,968		

(1) Figures are adjusted exposure at default amounts (Post Credit Risk Mitigation) and Risk Weights are prior to the application of the Basel I Capital Floor.  
 (2) Prior period numbers have been restated to conform with the current period's presentation.



**WHOLESALE CREDIT EXPOSURE BY RISK RATING UNDER AIRB APPROACH (1)**

(Canadian \$ in millions)

LINE #	Q1 2017							Q4 2016							
	Drawn			Undrawn			Total Exposures	Drawn			Undrawn			Total Exposures	
	Bank	Corporate	Sovereign	Bank	Corporate	Sovereign		Bank	Corporate	Sovereign	Bank	Corporate	Sovereign		
Total investment grade	1	20,436	88,692	132,460	4,611	51,480	3,294	300,973	17,133	92,308	130,293	4,378	51,698	3,169	298,979
Non-investment grade	2	4,559	64,938	1,912	410	18,721	51	90,591	5,359	63,908	457	491	19,112	64	89,391
Watchlist	3	28	3,550	1	4	684	-	4,267	31	4,022	7	2	787	-	4,849
Default	4	2	1,008	10	4	160	4	1,188	2	1,242	10	3	179	4	1,440
	5	25,025	158,188	134,383	5,029	71,045	3,349	397,019	22,525	161,480	130,767	4,874	71,776	3,237	394,659

(1) Figures are adjusted exposures at default amounts (Post Credit Risk Mitigation)

**RETAIL CREDIT EXPOSURE BY PORTFOLIO AND RISK RATING UNDER AIRB APPROACH (2)**

(Canadian \$ in millions)

	LINE #	Q1 2017				Q4 2016			
		Residential mortgages and home equity lines of credit	Qualifying revolving retail	Other retail and retail small and medium-sized enterprises	Total exposures	Residential mortgages and home equity lines of credit	Qualifying revolving retail	Other retail and retail small and medium-sized enterprises	Total exposures
Risk profile (probability of default):									
Exceptionally Low ( $\leq 0.05\%$ )	6	23,700	15,504	2,428	41,632	23,814	15,004	2,437	41,255
Very low (> 0.05% to 0.20%) (3)	7	30,179	6,260	10,528	46,967	31,200	6,306	12,441	49,947
Low (> 0.20% to 0.75%) (3)	8	12,881	7,355	11,816	32,052	13,251	7,415	12,282	32,948
Medium (> 0.75% to 7.00%)	9	12,791	4,377	8,500	25,668	13,103	4,501	8,857	26,461
High (> 7.00% to 99.99%)	10	1,019	725	761	2,505	1,048	733	727	2,508
Default (100%)	11	657	59	163	879	643	57	157	857
	12	81,227	34,280	34,196	149,703	83,059	34,016	36,901	153,976

(2) Figures are adjusted exposures at default amounts (Post Credit Risk Mitigation)

(3) Prior period numbers have been restated to conform with the current period's presentation.



Basel III Asset Classes	LINE #	Q1 2017		Q4 2016		Q3 2016		Q2 2016	
		Actual loss rate (1) (2)	Expected loss rate (1) (2)	Actual loss rate (1) (2)	Expected loss rate (1) (2)	Actual loss rate (1) (2)	Expected loss rate (1) (2)	Actual loss rate (1) (2)	Expected loss rate (1) (2)
<b>Non-retail</b>									
Total Corporate (incl specialized lending and corporate SMEs)	1	0.12%	0.53%	0.14%	0.54%	0.16%	0.59%	0.13%	0.59%
Sovereign	2	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%
Bank	3	0.00%	0.04%	0.00%	0.04%	0.00%	0.05%	0.00%	0.04%
<b>Retail</b>									
Residential retail incl. HELOCs	4	0.04%	0.26%	0.04%	0.24%	0.07%	0.44%	0.07%	0.44%
Other retail incl. SBE	5	0.42%	1.09%	0.44%	1.08%	0.50%	1.14%	0.48%	1.20%
Qualifying revolving retail	6	2.33%	3.20%	2.41%	3.05%	2.47%	3.05%	2.39%	3.26%

**General**

Expected loss (EL) rates which represent the loss rate predicted at the beginning of the most recent four quarter period are calculated using "through the cycle" risk parameters while actual loss rates are determined at a "point in time" and reflect more current economic conditions. "Through the cycle" parameters are conservatively estimated to include a long time horizon and as a result, actual losses may exceed expected losses during an economic downturn and may fall below expected losses during times of economic growth.

**1. Non-retail actual and expected loss rates are measured as follows:**

Actual loss rate represents the 'point in time' credit losses (change in specific allowance plus write-offs) less recoveries for the current and last three quarters divided by the quarterly average of outstandings for the same period beginning 15 months ago.

Expected loss rate is calculated using Basel III 'through the business cycle' parameters (PDxLGDxEAD) plus Best Estimate of Expected Loss for defaulted assets (BEEL), divided by outstanding balances at the beginning of the applicable four-quarter period.

**2. Retail actual and expected loss rates are measured as follows:**

Actual loss rate represents write-offs net of recoveries for the current and prior three quarters divided by the quarterly average of outstanding balances for the same period beginning 15 months ago.

Expected loss rate is calculated using Basel III parameters PDxLGDxEAD plus Best Estimate of Expected Losses for defaulted assets (BEEL) divided by outstanding balances at the beginning of the applicable four-quarter period.

For residential mortgages, actual loss rate also includes changes in specific allowances for the applicable four-quarter period.

**Commentary****Non-Retail**

**Corporate Portfolios** – Actual losses for Q1 2017 continued to be low. EL remained stable reflecting overall benign environment.

**Bank and Sovereign** – Actual losses continued to be \$nil. EL remained stable.

**Retail**

Overall, the Actual loss rates for all retail asset classes are well below Expected loss rates. Actual loss rates remain relatively stable for all asset classes.

Expected loss rates for Residential Mortgage and Other Retail remain stable. Variation in QRRE asset classes EL quarter over quarter is mainly due to volume change and migration.

ESTIMATED AND ACTUAL LOSS PARAMETERS UNDER AIRB APPROACH

Risk Profile (\$ millions except as noted)	LINE #	Q1 2017						Q4 2016					
		PD (1) (2)		LGD (3) (4)		EAD (5) (6)		PD (1) (2)		LGD (3) (4)		EAD (5) (6)	
		Average estimated %	Actual %	Average estimated %	Actual %	Estimated \$	Actual \$	Average estimated %	Actual %	Average estimated %	Actual %	Estimated \$	Actual \$
<b>Wholesale</b>													
Corporate including specialized lending	1	0.98%	0.50%	34.24%	25.41%	599	473	1.01%	0.59%	34.12%	22.47%	800	508
Corporate small and medium enterprises (SMEs)	2	1.52%	0.34%	36.07%	34.89%	58	52	1.60%	0.38%	35.88%	34.37%	101	80
Sovereign	3	0.13%	0.00%	13.07%	0.00%	-	-	0.11%	0.00%	13.27%	0.00%	-	-
Bank	4	0.37%	0.00%	16.11%	0.00%	-	-	0.38%	0.00%	16.30%	0.00%	-	-
<b>Retail</b>													
Residential mortgages excluding home equity line of credits (HELOCs) - Uninsured only (7) (8)	5	1.08%	0.74%	25.71%	15.31%	271	271	1.03%	0.72%	25.80%	16.53%	267	267
HELOCs (8)	6	0.68%	0.60%	37.23%	20.55%	260	256	0.82%	0.81%	37.55%	21.46%	364	358
Qualifying revolving retail (QRR)	7	1.34%	1.17%	83.55%	78.04%	425	407	1.34%	1.18%	83.64%	77.98%	428	410
Other retail (excl. SMEs)	8	5.27%	5.09%	89.57%	79.96%	205	204	4.97%	4.77%	88.03%	78.58%	207	206
Retail SMEs	9	1.42%	1.08%	96.67%	79.84%	16	16	1.36%	1.02%	96.86%	79.89%	16	16

(1) Wholesale PDs are based on a borrower weighted average. There have been no Bank or Sovereign defaults in the past 12 months.

(2) Retail PD is based on account weighted average.

(3) Wholesale LGDs are expressed as an exposure weighted average.

(4) Retail LGD is based on weighted average of LGD eligible accounts.

(5) Wholesale EAD represented predicted vs. realized comparison for defaults in the previous 12 months. Term products are not included. No defaults in the Bank and Sovereign asset classes within the past 12 months.

(6) Retail EAD represents predicted vs. realized comparison for defaults in the previous 12 months.

(7) Mortgages insured by Canada Mortgage And Housing Corporation and private mortgage insurers are primarily included in Sovereign.

(8) Investor-owned mortgage is included in Residential mortgage and HELOCs, but it is categorized in other retail class when calculating regulatory capital.

**AIRB REGULATORY CAPITAL CHARGES FOR SECURITIZATION EXPOSURES RETAINED OR PURCHASED BY RISK WEIGHTS**

(\$ millions)											
Traditional Securitizations Risk Weights	LINE #	Q1 2017		Q4 2016		Q3 2016		Q2 2016		Q1 2016	
		Exposure Amount (1)	Capital Required	Exposure Amount (1)	Capital Required	Exposure Amount (1)	Capital Required	Exposure Amount (1)	Capital Required	Exposure Amount (1)	Capital Required
Bank Assets											
7%	1	4,708	26	5,892	33	4,827	27	5,055	28	5,905	33
7.01% - 25%	2	2,194	16	421	4	370	3	-	-	-	-
25.01% - 50%	3	31	1	39	1	46	2	54	2	71	2
Greater than 50%	4	32	3	35	3	36	16	14	14	18	18
Less amount excluded from capital requirements for exceeding maximum KIRB capital (2)	5	-	-	-	-	-	-	-	-	-	-
<b>Total Exposures, net of deductions</b>	<b>6</b>	<b>6,965</b>	<b>46</b>	<b>6,387</b>	<b>41</b>	<b>5,279</b>	<b>48</b>	<b>5,123</b>	<b>44</b>	<b>5,994</b>	<b>53</b>
Exposures Deducted:											
From Tier 1 Capital:											
Credit Card Receivables (3)	7	-	-	-	-	-	-	-	-	-	-
Residential Mortgages	8	-	-	-	-	-	-	-	-	-	-
From Total Capital:											
Residential Mortgages	9	-	-	-	-	-	-	-	-	-	-
<b>Total Exposures Deducted</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Bank Assets Total Exposures</b>	<b>11</b>	<b>6,965</b>	<b>46</b>	<b>6,387</b>	<b>41</b>	<b>5,279</b>	<b>48</b>	<b>5,123</b>	<b>44</b>	<b>5,994</b>	<b>53</b>
Third Party Assets											
7%	12	11,535	58	12,039	61	18,503	94	18,261	102	18,125	101
7.01% - 25%	13	4,823	40	4,730	39	5,246	42	4,877	39	5,716	46
25.01% - 50%	14	-	-	-	-	-	-	2	-	2	-
50.01% - 100%	15	110	9	113	9	122	9	118	9	134	10
Greater than 100%	16	-	-	-	-	-	-	-	-	-	-
Default	17	-	-	-	-	-	-	-	-	-	-
<b>Total Exposures, net of deductions</b>	<b>18</b>	<b>16,468</b>	<b>107</b>	<b>16,882</b>	<b>109</b>	<b>23,871</b>	<b>145</b>	<b>23,258</b>	<b>150</b>	<b>23,977</b>	<b>157</b>
Exposures Deducted:											
From Total Capital:											
Collateralized Debt Obligations (AAA/R-1 (High) Securities)	19	-	-	-	-	-	-	-	-	-	-
Montreal Accord Assets	20	-	-	-	-	-	-	-	-	-	-
Residential Mortgages (Uninsured)	21	-	-	-	-	-	-	-	-	-	-
Other Pool Type	22	-	-	-	-	-	-	-	-	-	-
Trading Securities Reclassified to AFS	23	-	-	-	-	-	-	-	-	-	-
<b>Total Exposures Deducted</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Third Party Assets Total Exposures</b>	<b>25</b>	<b>16,468</b>	<b>107</b>	<b>16,882</b>	<b>109</b>	<b>23,871</b>	<b>145</b>	<b>23,258</b>	<b>150</b>	<b>23,977</b>	<b>157</b>
<b>Total Exposures</b>	<b>26</b>	<b>23,433</b>	<b>153</b>	<b>23,269</b>	<b>150</b>	<b>29,150</b>	<b>193</b>	<b>28,381</b>	<b>194</b>	<b>29,971</b>	<b>210</b>

(1) Exposure amounts are on balance sheet values and the credit equivalent amount for off-balance sheet exposures.

(2) KIRB - IRB capital of underlying assets as though they had not been securitized.

(3) Since inception, no capital has been assessed for the Bank's early amortization provisions associated with the investors' interest in Master Credit Card Trust II because the excess spread of the underlying portfolio has remained above the threshold at which capital charges would be incurred.

**AIRB REGULATORY CAPITAL CHARGES FOR RESECURITIZATION EXPOSURES RETAINED OR PURCHASED BY RISK WEIGHTS**

(\$ millions)		Q1 2017		Q4 2016		Q3 2016		Q2 2016	
Traditional Securitizations	LINE	Exposure Amount (1)	Capital Required	Exposure Amount (1)	Capital Required	Exposure Amount (1)	Capital Required	Exposure Amount (1)	Capital Required
Risk Weights	#								
Bank Assets									
7%	1	-	-	-	-	-	-	-	-
7.01% - 25%	2	-	-	-	-	-	-	-	-
25.01% - 50%	3	-	-	-	-	-	-	-	-
Greater than 50%	4	-	-	-	-	-	-	-	-
Less amount excluded from capital requirements for exceeding maximum KIRB capital (2)	5	-	-	-	-	-	-	-	-
<b>Total Exposures, net of deductions</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Exposures Deducted:									
From Tier 1 Capital:									
Credit Card Receivables (3)	7	-	-	-	-	-	-	-	-
Residential Mortgages	8	-	-	-	-	-	-	-	-
From Total Capital:									
Residential Mortgages	9	-	-	-	-	-	-	-	-
<b>Total Exposures Deducted</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Bank Assets Total Exposures</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Third Party Assets									
7%	12	-	-	-	-	-	-	-	-
7.01% - 25%	13	-	-	-	-	57	1	57	1
25.01% - 50%	14	-	-	-	-	6	-	-	-
50.01% - 100%	15	-	-	-	-	-	-	-	-
Greater than 100%	16	-	-	-	-	-	-	32	10
Default	17	-	-	-	-	-	-	-	-
<b>Total Exposures, net of deductions</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>63</b>	<b>1</b>	<b>89</b>	<b>11</b>
Exposures Deducted:									
From Total Capital:									
Collateralized Debt Obligations (AAA/R-1 (High) Securities)	19	-	-	-	-	-	-	-	-
Commercial Mortgages	20	-	-	-	-	-	-	-	-
Montreal Accord Assets	21	-	-	-	-	-	-	-	-
Residential Mortgages (Uninsured)	22	-	-	-	-	-	-	-	-
Other Pool Type	23	-	-	-	-	-	-	-	-
Equipment Loans/Leases	24	-	-	-	-	-	-	-	-
<b>Total Exposures Deducted</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Third Party Assets Total Exposures</b>	<b>26</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>63</b>	<b>1</b>	<b>89</b>	<b>11</b>
<b>Total Exposures</b>	<b>27</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>63</b>	<b>1</b>	<b>89</b>	<b>11</b>

(1) Exposure amounts are on balance sheet values and the credit equivalent amount for off-balance sheet exposures. Unrated positions and positions with ratings below investment-grade are deducted from capital.

(2) KIRB - IRB capital of underlying assets as though they had not been securitized.

(3) Since inception, no capital has been assessed for the Bank's early amortization provisions associated with the investors' interest in Master Credit Card Trust II because the excess spread of the underlying portfolio has remained above the threshold at which capital charges would be incurred.

**AIRB REGULATORY CAPITAL CHARGES FOR TRADING SECURITIZATION EXCLUDING RESECURITIZATION EXPOSURES  
RETAINED OR PURCHASED BY RISK WEIGHTS**

(\$ millions)	LINE #	Q1 2017		Q4 2016		Q3 2016		Q2 2016	
		RBA/Inferred Rating/IAA Exposure Exposure Amount	Capital Required	RBA/Inferred Rating/IAA Exposure Exposure Amount	Capital Required	RBA/Inferred Rating/IAA Exposure Exposure Amount	Capital Required	RBA/Inferred Rating/IAA Exposure Exposure Amount	Capital Required
<b>Trading Securitizations Excluding Resecuritization Exposures</b>									
<b>Risk Weights</b>									
Exposures Included In Risk-Weighted Assets									
7%	1	166	-	108	1	191	1	128	1
7.01% - 25%	2	48	-	36	-	17	-	44	-
25.01% - 50%	3	-	-	-	-	-	-	-	-
50.01% - 100%	4	2	-	-	-	-	-	-	-
Greater than 100%	5	-	-	-	-	-	-	-	-
Default	6	-	-	-	-	-	-	-	-
Less amount excluded from capital requirements for exceeding maximum KIRB capital	7	-	-	-	-	-	-	-	-
<b>Total Exposures excluding Resecuritization, net of deductions (1)</b>	<b>8</b>	<b>216</b>	<b>-</b>	<b>144</b>	<b>1</b>	<b>208</b>	<b>1</b>	<b>172</b>	<b>1</b>
<b>Exposures Deducted From Tier 1 Capital:</b>									
Auto loans/leases	9	-	-	-	-	-	-	-	-
Credit card receivables	10	-	-	-	-	-	-	-	-
Residential mortgages (insured)	11	-	-	-	-	-	-	-	-
Residential mortgages (uninsured)	12	-	-	-	-	-	-	-	-
Commercial mortgages	13	-	-	-	-	-	-	-	-
Personal line of credit	14	-	-	-	-	-	-	-	-
Equipment loans/leases	15	-	-	-	-	-	-	-	-
Trade receivables	16	-	-	-	-	-	-	-	-
Corporate loans	17	-	-	-	-	-	-	-	-
Daily auto rental	18	-	-	-	-	-	-	-	-
Floorplan finance receivables	19	-	-	-	-	-	-	-	-
Collateralized debt obligations (AAA/R-1 (high) securities)	20	-	-	-	-	-	-	-	-
Other pool type	21	-	-	-	-	-	-	-	-
<b>Total Trading Exposures excluding Resecuritization Deducted from Tier 1 Capital</b>	<b>22</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Exposures Deducted from Total Capital:</b>									
Auto loans/leases	23	-	-	-	-	-	-	-	-
Credit card receivables	24	-	-	-	-	-	-	-	-
Residential mortgages (insured)	25	-	-	-	-	-	-	-	-
Residential mortgages (uninsured)	26	-	-	-	-	-	-	-	-
Commercial mortgages	27	-	-	-	-	-	-	-	-
Personal line of credit	28	-	-	-	-	-	-	-	-
Equipment loans/leases	29	-	-	-	-	-	-	-	-
Trade receivables	30	-	-	-	-	-	-	-	-
Corporate loans	31	-	-	-	-	-	-	-	-
Daily auto rental	32	-	-	-	-	-	-	-	-
Floorplan finance receivables	33	-	-	-	-	-	-	-	-
Collateralized debt obligations (AAA/R-1 (high) securities)	34	-	-	-	-	-	-	-	-
Other pool type	35	-	-	-	-	-	-	-	-
<b>Total Trading Exposures excluding Resecuritization Deducted from Total Capital</b>	<b>36</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Trading Exposures Excluding Resecuritization</b>	<b>37</b>	<b>216</b>	<b>-</b>	<b>144</b>	<b>1</b>	<b>208</b>	<b>1</b>	<b>172</b>	<b>1</b>

**AGGREGATE AMOUNT OF TRADING SECURITIZATION EXCLUDING RESECURITIZATION EXPOSURES RETAINED  
OR PURCHASED BY EXPOSURE TYPE**

(\$ millions except as noted)		Q1 2017 Exposure	Q4 2016 Exposure	Q3 2016 Exposure	Q2 2016 Exposure
<b>Asset Classes</b>					
Auto loans/leases	38	52	55	49	2
Credit card receivables	39	79	60	103	89
Residential mortgages (insured)	40	6	21	-	-
Residential mortgages (uninsured)	41	-	-	1	-
Commercial mortgages	42	-	-	-	-
Personal line of credit	43	32	5	53	28
Equipment loans/leases	44	8	1	-	3
Trade receivables	45	-	-	-	-
Corporate loans	46	-	-	-	-
Daily auto rental	47	-	-	-	36
Floorplan finance receivables	48	37	-	1	4
Collateralized debt obligations (AAA/R-1 (high) securities)	49	-	-	-	-
Other pool type	50	2	2	1	10
<b>Total Trading Securitization Excluding Resecuritization (1)</b>	<b>51</b>	<b>216</b>	<b>144</b>	<b>208</b>	<b>172</b>

(1) Excluding Resecuritization Exposures of \$66 million in Q1 2017 (\$91 million in Q4 2016, \$119 million in Q3 2016, and \$134 million in Q2 2016).

DEBT ISSUED BY BANK SPONSORED VEHICLES FOR THIRD PARTY ASSETS

LINE #	Q1 2017				Q4 2016				Q3 2016				Q2 2016			
	Canadian Conduits (1)	US Conduit (2)	SIVs/Credit Protection Vehicles	Total	Canadian Conduits (1)	US Conduit (2)	SIVs/Credit Protection Vehicles	Total	Canadian Conduits (1)	US Conduit (2)	SIVs/Credit Protection Vehicles	Total	Canadian Conduits (1)	US Conduit (2)	SIVs/Credit Protection Vehicles	Total
(\$ millions except as noted)																
Auto loans/leases	1,850	1,437	-	3,287	2,133	1,480	-	3,613	2,332	1,740	-	4,072	2,421	1,526	-	3,947
Credit card receivables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential mortgages (insured)	1,611	-	-	1,611	1,859	-	-	1,859	1,665	-	-	1,665	1,662	-	-	1,662
Residential mortgages (uninsured)	203	-	-	203	60	-	-	60	202	-	-	202	287	-	-	287
Commercial mortgages (uninsured)	-	23	-	23	-	24	-	24	-	30	-	30	-	54	-	54
Commercial mortgages (insured)	86	-	-	86	101	-	-	101	112	-	-	112	112	-	-	112
Equipment loans/leases	394	348	-	742	211	386	-	597	113	262	-	375	400	247	-	647
Trade receivables	-	400	-	400	-	313	-	313	-	235	-	235	-	255	-	255
Corporate loans	-	397	-	397	-	-	-	-	-	-	-	-	-	3	-	3
Daily auto rental	120	300	-	420	163	236	-	399	307	359	-	666	110	310	-	420
Floorplan finance receivables	288	317	-	605	288	434	-	722	288	652	-	940	284	638	-	922
Collateralized debt obligations	-	12	-	12	-	15	-	15	-	24	-	24	-	29	-	29
Other pool type	250	306	-	556	250	364	-	614	250	431	-	681	250	412	-	662
Student loans	-	534	-	534	-	733	-	733	-	1,449	-	1,449	-	1,412	-	1,412
Credit protection vehicle	-	-	-	-	-	-	-	-	-	396	-	396	-	-	-	396
<b>Total</b>	<b>4,802</b>	<b>4,074</b>	<b>-</b>	<b>8,876</b>	<b>5,065</b>	<b>3,985</b>	<b>-</b>	<b>9,050</b>	<b>5,269</b>	<b>5,182</b>	<b>396</b>	<b>10,847</b>	<b>5,526</b>	<b>4,886</b>	<b>-</b>	<b>10,808</b>

(1) Canadian Conduit totals include amounts pertaining to a conduit that has been directly funded by the Bank (\$585.2 million as at Q1, 2017, \$642.9 million as at Q4, 2016, \$658.5 million as at Q3, 2016, and \$626.3 million as at Q2, 2016). External Credit Assessment Institutions used to rate the Asset Backed Commercial Paper of the market funded conduits in Canada are DBRS and Moody's.  
(2) US Conduit totals include amounts that have been directly funded by the Bank (\$45.2 million as at Q1, 2017, \$49.4 million as at Q4, 2016, \$63.9 million as at Q3, 2016, and \$92.7 million as at Q2, 2016). External Credit Assessment Institutions used to rate the Asset Backed Commercial Paper of the market funded conduit in the US are S&P and Moody's.

AGGREGATE AMOUNT OF SECURITIZATION EXPOSURES RETAINED OR PURCHASED BY EXPOSURE TYPE

LINE #	Q1 2017				Q4 2016				Q3 2016				Q2 2016			
	Undrawn Committed Facilities and Notional Amounts	Drawn Loan Facilities and Securities Held (3)	First Loss Positions (4)	Total	Undrawn Committed Facilities and Notional Amounts	Drawn Loan Facilities and Securities Held (3)	First Loss Positions (4)	Total	Undrawn Committed Facilities and Notional Amounts	Drawn Loan Facilities and Securities Held (3)	First Loss Positions (4)	Total	Undrawn Committed Facilities and Notional Amounts	Drawn Loan Facilities and Securities Held (3)	First Loss Positions (4)	Total
(\$ millions except as noted)																
<b>Bank Assets (5)</b>																
Auto loans/leases	-	1,802	-	1,802	-	2,246	-	2,246	-	2,631	-	2,631	-	3,004	-	3,004
Corporate loans	241	147	-	388	280	118	-	398	275	118	-	393	-	-	-	-
Credit card receivables (6)	-	2,255	-	2,255	-	2,255	-	2,255	-	2,255	-	2,255	-	2,119	-	2,119
Home equity lines of credit (7)	-	2,520	-	2,520	-	1,488	-	1,488	-	-	-	-	-	-	-	-
<b>Total Bank Assets</b>	<b>241</b>	<b>6,724</b>	<b>-</b>	<b>6,965</b>	<b>280</b>	<b>6,107</b>	<b>-</b>	<b>6,387</b>	<b>275</b>	<b>5,004</b>	<b>-</b>	<b>5,279</b>	<b>-</b>	<b>5,123</b>	<b>-</b>	<b>5,123</b>
<b>Third Party Assets (8)</b>																
Auto loans/leases	3,316	2,820	-	6,136	3,554	2,588	-	6,142	3,480	2,989	-	6,469	3,199	2,764	-	5,963
Credit card receivables	144	376	-	520	197	339	-	536	217	355	-	572	187	365	-	552
Residential mortgages (insured)	2,040	-	-	2,040	2,040	-	-	2,040	2,040	-	-	2,040	2,040	-	-	2,040
Residential mortgages (uninsured)	25	-	-	25	255	-	-	255	255	-	-	255	255	-	-	255
Commercial mortgages (insured)	98	12	-	110	98	15	-	113	88	24	-	112	79	29	-	108
Commercial mortgages (uninsured)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Equipment loans/leases	825	752	-	1,577	850	764	-	1,614	793	789	-	1,582	781	756	-	1,537
Trade receivables	135	502	-	637	117	538	-	655	184	451	-	635	215	458	-	673
Corporate loans	211	307	-	518	170	382	-	552	174	370	-	544	162	369	-	531
Daily auto rental	418	315	-	733	608	253	-	861	472	383	-	855	501	337	-	838
Floorplan finance receivables	829	706	-	1,535	744	559	-	1,303	770	777	-	1,547	746	760	-	1,506
Collateralized debt obligations	-	-	-	-	-	-	-	-	65	-	-	65	63	-	-	63
Other pool type	389	488	-	877	1,379	581	-	1,960	335	658	-	993	414	582	-	996
Student loans	993	534	-	1,527	114	733	-	847	349	1,449	-	1,798	380	1,412	-	1,792
Credit protection vehicle (9)	-	-	-	-	-	-	-	-	6,400	-	-	6,400	6,400	-	-	6,400
Trading securities reclassified to AFS	-	3	-	3	-	4	-	4	-	4	-	4	-	4	-	4
<b>Total Third Party Assets</b>	<b>9,653</b>	<b>6,815</b>	<b>-</b>	<b>16,468</b>	<b>10,126</b>	<b>6,756</b>	<b>-</b>	<b>16,882</b>	<b>15,622</b>	<b>8,249</b>	<b>-</b>	<b>23,871</b>	<b>15,422</b>	<b>7,836</b>	<b>-</b>	<b>23,258</b>
<b>Total</b>	<b>9,894</b>	<b>13,539</b>	<b>-</b>	<b>23,433</b>	<b>10,406</b>	<b>12,863</b>	<b>-</b>	<b>23,269</b>	<b>15,897</b>	<b>13,253</b>	<b>-</b>	<b>29,150</b>	<b>15,422</b>	<b>12,959</b>	<b>-</b>	<b>28,381</b>

(3) External Credit Assessment Institutions (ECAIs) used for securitization notes are Fitch, S&P, Moody's & DBRS.  
(4) First Loss Positions reflect deferred purchase price amounts for securitization of the Bank's own credit cards and conventional mortgages net of servicing liabilities and tax impacts.  
(5) The exposures for the Residential Mortgages (uninsured) are treated under the lending AIRB Framework as if the securitized assets remained on the Bank's balance sheet.  
(6) The credit card receivable securities held from Bank asset securitizations represent the Bank's interest in investment grade notes issued by Master Credit Card Trust and Master Credit Card Trust II. The Securitization Capital Framework is applied.  
(7) The HELOC securities held from Bank asset securitizations represent the Bank's interest in investment grade notes issued by Fortified Trust. The Securitization Capital Framework is applied.  
(8) Third party asset securitizations that are externally rated and Montreal Accord assets are assessed under the RBA, with unrated and below BB- positions being deducted from capital. The Supervisory Formula (SF) has been applied for all other positions.  
(9) Amounts reported for credit protection vehicle assets under Undrawn Committed Facilities and Notional Amounts represent aggregate notional amounts of the credit default swap exposures and do not represent committed funding obligations.

AGGREGATE AMOUNT OF RESECURITIZATION EXPOSURES RETAINED OR PURCHASED BY EXPOSURE TYPE (1)

	LINE #	Q1 2017				Q4 2016				Q3 2016				Q2 2016			
		Undrawn Committed Facilities and Notional Amounts (2)	Drawn Loan Facilities and Securities Held (3)	First Loss Positions (4)	Total	Undrawn Committed Facilities and Notional Amounts (2)	Drawn Loan Facilities and Securities Held (3)	First Loss Positions (4)	Total	Undrawn Committed Facilities and Notional Amounts (2)	Drawn Loan Facilities and Securities Held (3)	First Loss Positions (4)	Total	Undrawn Committed Facilities and Notional Amounts (2)	Drawn Loan Facilities and Securities Held (3)	First Loss Positions (4)	Total
(\$ millions except as noted)																	
Bank Assets (5)																	
Credit card receivables (6)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential mortgages (uninsured)	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Bank Assets	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Third Party Assets (7)																	
Auto loans/leases	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Credit card receivables	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential mortgages (insured)	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential mortgages (uninsured)	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial mortgages	8	-	-	-	-	-	-	-	-	-	6	-	6	2	30	-	32
Personal line of credit	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Equipment loans/leases	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trade receivables	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate loans	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daily auto rental	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Floorplan finance receivables	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Collateralized debt obligations (AAA/R-1 (high) securities)	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other pool type	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Student loans	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SIV assets (financial institutions debt and securitized assets)	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Credit protection vehicle (8)	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trading securities reclassified to AFS	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montreal Accord Assets	21	-	-	-	-	-	-	-	-	57	-	-	57	57	-	-	57
Total Third Party Assets	22	-	-	-	-	-	-	-	-	57	6	-	63	59	30	-	89
Total	23	-	-	-	-	-	-	-	-	57	6	-	63	59	30	-	89

(1) No credit risk mitigations are applied to resecuritization exposures.

(2) ECALs used for securitizations liquidity facility ratings are S&P, Moody's and Fitch.

(3) ECALs used for securitization notes are S&P & Moody's.

(4) First Loss Positions reflect deferred purchase price amounts for securitization of the Bank's own credit cards and conventional mortgages net of servicing liabilities and tax impacts.

(5) The exposures for the Residential Mortgages (uninsured) are treated under the lending AIRB Framework as if the securitized assets remained on the Bank's balance sheet.

(6) The credit card receivable securities held from Bank asset securitizations represent the Bank's seller's interest in investment grade subordinated notes issued by Master Credit Card Trust and Master Credit Card Trust II. The Securitization Framework is applied.

(7) Third party asset securitizations that are externally rated and Montreal Accord assets are assessed under the RBA, with unrated and below BB- positions being deducted from capital. The Supervisory Formula (SF) has been applied for all other positions.

(8) Amounts reported for credit protection vehicle assets under Undrawn Committed Facilities and Notional Amounts represent aggregate notional amounts of the credit default swap exposures and do not represent committed funding obligations.

DERIVATIVE INSTRUMENTS (\$ millions)	LINE #	As at January 31, 2017				As at October 31, 2016				As at July 31, 2016				As at April 30, 2016			
		Notional Amount	Replacement Cost	Credit risk Equivalent	AIRB Risk-weighted Assets (1)	Notional Amount	Replacement Cost	Credit risk Equivalent	AIRB Risk-weighted Assets (1)	Notional Amount	Replacement Cost	Credit risk Equivalent	AIRB Risk-weighted Assets (1)	Notional Amount	Replacement Cost	Credit risk Equivalent	AIRB Risk-weighted Assets (1)
		<b>Interest Rate Contracts</b>															
Over-the-counter																	
Swaps	1	2,778,662	12,068	14,970		2,726,701	17,447	20,506		3,071,603	20,536	22,810		2,941,776	17,415	20,642	
Forward rate agreements	2	349,792	22	21		430,507	61	61		422,574	88	90		392,330	40	41	
Purchased options	3	26,812	473	469		29,508	551	589		20,511	690	725		18,448	647	671	
Written options	4	38,982	-	-		43,921	-	-		25,883	-	-		24,640	-	-	
	5	3,194,248	12,563	15,460	986	3,230,637	18,059	21,156	1,345	3,540,571	21,314	23,625	1,665	3,377,194	18,102	21,354	1,596
Exchange traded																	
Futures	6	114,064	-	-		133,864	-	-		161,256	-	-		144,093	-	-	
Purchased options	7	16,815	-	-		30,849	-	-		22,830	-	-		20,618	-	-	
Written options	8	17,833	-	-		30,821	-	-		21,114	-	-		21,073	-	-	
	9	148,712	-	-		195,534	-	-		205,200	-	-		185,784	-	-	
<b>Total Interest Rate Contracts</b>	10	3,342,960	12,563	15,460	986	3,426,171	18,059	21,156	1,345	3,745,771	21,314	23,625	1,665	3,562,978	18,102	21,354	1,596
<b>Foreign Exchange Contracts</b>																	
Over-the-counter																	
Cross-currency swaps	11	86,367	3,802	8,346		89,354	4,351	8,959		80,765	3,993	8,145		87,590	4,293	8,546	
Cross-currency interest rate swaps	12	391,188	7,668	16,056		382,666	9,054	17,386		382,504	7,512	16,051		353,910	10,625	18,348	
Forward foreign exchange contracts	13	368,846	3,524	6,923		409,189	5,160	8,806		382,868	4,215	7,250		383,523	4,976	8,232	
Purchased options	14	25,791	248	438		29,876	380	586		33,153	3	918		33,283	205	1,134	
Written options	15	28,796	-	-		30,405	-	-		33,761	-	-		36,723	-	-	
	16	900,988	15,242	31,763	2,234	941,490	18,945	35,737	2,444	913,051	15,723	32,364	2,396	895,029	20,099	36,260	2,337
Exchange traded																	
Futures	17	408	-	-		356	-	-		2,093	-	-		2,735	-	-	
Purchased options	18	3,959	-	-		2,846	-	-		5,899	-	-		5,949	-	-	
Written options	19	1,182	-	-		1,441	-	-		5,280	-	-		3,892	-	-	
	20	5,549	-	-		4,643	-	-		13,272	-	-		12,576	-	-	
<b>Total Foreign Exchange Contracts</b>	21	906,537	15,242	31,763	2,234	946,133	18,945	35,737	2,444	926,323	15,723	32,364	2,396	907,605	20,099	36,260	2,337
<b>Commodity Contracts</b>																	
Over-the-counter																	
Swaps	22	14,377	784	2,436		13,603	723	2,389		12,333	737	2,233		11,670	879	2,265	
Purchased options	23	6,881	114	1,035		6,828	91	1,135		6,338	88	1,119		5,752	100	1,002	
Written options	24	4,937	-	-		4,672	-	-		4,347	-	-		3,886	-	-	
	25	26,195	898	3,471	761	25,103	814	3,524	670	23,018	825	3,352	665	21,308	979	3,267	525
Exchange traded																	
Futures	26	24,571	-	-		24,232	-	-		22,582	-	-		20,779	-	-	
Purchased options	27	5,753	-	-		6,048	-	-		6,390	-	-		6,603	-	-	
Written options	28	7,673	-	-		8,159	-	-		8,377	-	-		8,426	-	-	
	29	37,997	-	-		38,439	-	-		37,349	-	-		35,808	-	-	
<b>Total Commodity Contracts</b>	30	64,192	898	3,471	761	63,542	814	3,524	670	60,367	825	3,352	665	57,116	979	3,267	525
<b>Equity Contracts</b>																	
Over-the-counter																	
Swaps	31	63,613	912	4,964		58,313	713	4,180		53,455	617	3,457		45,506	627	2,977	
Exchange traded	32	7,895	-	-		7,835	-	-		8,522	-	-		5,603	-	-	
<b>Total Equity Contracts</b>	33	71,508	912	4,964	333	66,148	713	4,180	347	61,977	617	3,457	262	51,109	627	2,977	198
<b>Credit Default Swaps</b>																	
Over-the-counter																	
Purchased	34	2,822	8	81		3,033	23	92		5,314	29	111		4,907	27	111	
Written	35	769	-	-		981	-	-		9,194	-	-		8,862	-	-	
<b>Total Credit Default Swaps</b>	36	3,591	8	81	36	4,014	23	92	13	14,508	29	111	15	13,769	27	111	21
<b>Sub-total</b>	37	4,388,788	29,623	55,739	4,350	4,506,008	38,554	64,689	4,819	4,808,946	38,508	62,909	5,003	4,592,577	39,834	63,969	4,677
<b>Impact of master netting agreements</b>	38	n.a.	(21,865)	(34,689)		n.a.	(27,538)	(42,248)		n.a.	(28,171)	(41,545)		n.a.	(30,659)	(43,930)	
<b>Total</b>	39	4,388,788	7,758	21,050	4,350	4,506,008	11,016	22,441	4,819	4,808,946	10,337	21,364	5,003	4,592,577	9,175	20,039	4,677

(1) Risk-weighted Assets are reported after the impact of master netting agreements and application of prescaling factor.



**BASEL GLOSSARY**

**Adjusted EAD:** Represents EAD that has been redistributed to a more favourable PD band or a different Basel Asset Class as a result of collateral (Credit Risk Mitigation - CRM). All AIRB disclosures aggregated into PD (probability of default) bands use Adjusted EAD values.

**AIRB (Advanced Internal Ratings Based approach):** The AIRB approach is the most advanced of the range of options for determining the capital requirements for credit risk. This option allows banks to use their own internal model to measure credit risk capital requirements, subject to regulatory approval. OSFI has indicated that it expects the largest Canadian Banks to adopt the AIRB approach.

**Basel I Capital Floor:** A capital floor based on the Basel I standardized approach is calculated by banks using advanced approaches for credit risk or operational risk, as prescribed by OSFI in CAR.

**Capital Adequacy Requirements (CAR):** OSFI's Capital Adequacy Requirements guideline dated December 2014.

**Commitments (Undrawn):** The EAD on the difference between the authorized and drawn amounts (e.g., the unused portion of a line of credit) before adjustments for credit risk mitigation.

**Credit Equivalent Amount (CEA) on Undrawn:** An estimate of the amount of credit risk exposure on off-balance items under the Standardized Approach for credit risk.

**Drawn:** The amount of funds invested or advanced to a customer. Does not include adjustments for credit risk mitigation.

**Exposure at Default (EAD):** EAD for on-balance sheet amounts represents outstandings, grossed up by specific provisions and write-offs. EAD for Off balance sheet and Undrawn are estimates.

**Exposure at Default OTC Derivatives:** Represent the net gross positive replacement costs plus the potential credit exposure amount.

**Exposure Weighted Average LGD** represents the  $(\sum (\text{Adjusted EAD of each exposure} \times \text{its LGD}))$  divided by the total Adjusted EAD.

**Exposure Weighted Average Risk Weight** is the  $(\sum \text{pre-scaled RWA for each exposure} / \text{Total Adjusted EAD})$ .

**Grandfathered Equity Securities in the Banking Book:** Under Basel II, OSFI exempts equity investments held as of October 31, 2007 from the AIRB approach for a period of 10 years starting November 1, 2007 to October 31, 2017. During that time, these "grandfathered" holdings will be risk weighted at 100%.

**HELOCs:** Home Equity Lines of Credit comprise lines of credit secured by equity in a residential property.

**OSFI:** Office of the Superintendent of Financial Institutions.

**Other Off Balance Sheet Items:** All off-balance sheet arrangements other than derivatives and undrawn commitments such as Standby Letters of Credit and Documentary Credits.

**QRR (Qualifying Revolving Retail):** Includes exposures that are revolving, unsecured and uncommitted to individuals up to a maximum amount of \$125,000 to a single individual.

**Repo Style Transactions:** Includes repurchase and reverse repurchase agreements and securities lending and borrowing.

**Scaling Factor:** The scaling factor is applied to the risk weighted assets amount for credit risk assessed under the AIRB approach. The objective of the scaling factor is to broadly maintain the aggregate level of Basel I minimum capital requirements, while also providing incentives to adopt the more advanced risk-sensitive approaches.

**Standardized Approach:** This approach is the least complicated of the range of options available to banks to measure credit risk capital requirements. This option allows banks to measure credit risk capital requirements by multiplying exposures by defined percentages based on the exposures product type and external credit rating (if applicable).