

Supplementary Financial Information



Q3 2017

For the period ended July 31, 2017

(UNAUDITED)

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Notes to Users

The Consolidated Financial Statements are prepared in compliance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB), International Accounting Standard (IAS) 34, *Interim Financial Reporting* unless otherwise noted. Unless otherwise stated, monetary amounts are stated in Canadian dollars. This document is not audited and should be read in conjunction with our Q3 2017 Report to Shareholders and our 2016 Annual Report. Certain comparative amounts have been amended to conform to the current period's presentation.

Capital Disclosure Requirements related to Basel III Pillar 3

Capital main features disclosure provides a qualitative disclosure and sets out summary information on the terms and conditions of the main features of all capital instruments. We have also included the full terms and conditions for each of our capital instruments on our Investor Relations website at <http://www.rbc.com/investorrelations/quarterly-financial-statements.html>.

EDTF Disclosures

The Financial Stability Board's Enhanced Disclosure Task Force (EDTF) issued a report titled "*Enhancing the Risk Disclosures of Banks*" in October 2012. The following index lists the disclosure related to these recommendations contained in this document.

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For a full index of where to find all EDTF related disclosures, see p. 53 of our Q3 2017 Report to Shareholders.

FINANCIAL HIGHLIGHTS (Millions of Canadian dollars, except otherwise noted)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
SELECTED INCOME STATEMENT INFORMATION													
Net interest income	4,257	4,198	4,324	4,187	4,123	4,025	4,196	3,800	3,783	12,779	12,344	16,531	14,771
Non-interest income	5,729	6,112	5,222	5,078	6,132	5,501	5,163	4,219	5,045	17,063	16,796	21,874	20,550
Total revenue	9,986	10,310	9,546	9,265	10,255	9,526	9,359	8,019	8,828	29,842	29,140	38,405	35,321
Provision for credit losses (PCL)	320	302	294	358	318	460	410	275	270	916	1,188	1,546	1,097
Insurance policyholder benefits, claims and acquisition expense (PBCAE)	643	1,090	183	397	1,210	988	829	292	656	1,916	3,027	3,424	2,963
Non-interest expense (NIE)	5,435	5,229	5,215	5,198	5,091	4,887	4,960	4,647	4,635	15,879	14,938	20,136	18,638
Net income	2,796	2,809	3,027	2,543	2,895	2,573	2,447	2,593	2,475	8,632	7,915	10,458	10,026
Less: Non-controlling interest	(13)	(8)	(12)	(10)	(9)	(13)	(21)	(24)	(26)	(33)	(43)	(53)	(101)
Preferred dividends	(76)	(77)	(75)	(75)	(85)	(74)	(60)	(54)	(50)	(228)	(219)	(294)	(191)
Net income available to common shareholders	2,707	2,724	2,940	2,458	2,801	2,486	2,366	2,515	2,399	8,371	7,653	10,111	9,734
Add: Dilutive impact of exchangeable shares	4	3	4	4	4	3	4	4	4	11	11	15	15
Net income available to common shareholders including dilutive impact of exchangeable shares	2,711	2,727	2,944	2,462	2,805	2,489	2,370	2,519	2,403	8,382	7,664	10,126	9,749
PROFITABILITY MEASURES													
Earnings per share (EPS) - basic	\$1.86	\$1.86	\$1.98	\$1.66	\$1.88	\$1.67	\$1.59	\$1.74	\$1.66	\$5.69	\$5.15	\$6.80	\$6.75
- diluted	\$1.85	\$1.85	\$1.97	\$1.65	\$1.88	\$1.66	\$1.58	\$1.74	\$1.66	\$5.67	\$5.13	\$6.78	\$6.73
Common shares outstanding (000s) ¹													
- average (basic)	1,457,854	1,468,015	1,484,262	1,483,869	1,485,915	1,487,346	1,486,560	1,443,992	1,443,052	1,470,066	1,486,550	1,485,876	1,442,935
- average (diluted)	1,465,035	1,475,562	1,492,350	1,491,872	1,494,126	1,495,609	1,495,035	1,450,405	1,449,540	1,477,615	1,494,877	1,494,137	1,449,509
Return on common equity (ROE) ²	16.3%	17.2%	18.0%	15.5%	18.0%	16.2%	15.3%	17.9%	18.1%	17.2%	16.5%	16.3%	18.6%
Return on assets	0.93%	0.98%	1.02%	0.86%	0.97%	0.90%	0.83%	0.94%	0.94%	0.98%	0.90%	0.89%	0.95%
Return on RWA ³	2.43%	2.45%	2.71%	2.26%	2.60%	2.41%	2.12%	2.50%	2.34%	2.53%	2.37%	2.34%	2.45%
Efficiency ratio	54.4%	50.7%	54.6%	56.1%	49.6%	51.3%	53.0%	57.9%	52.5%	53.2%	51.3%	52.4%	52.8%
Adjusted efficiency ratio ⁴	53.2%	52.6%	53.1%	55.1%	54.0%	52.5%	53.2%	54.8%	52.3%	53.0%	53.3%	53.7%	52.9%
KEY RATIOS													
Diluted EPS growth ⁵	(1.6)%	11.4%	24.7%	(5.2)%	13.3%	(1.2)%	(4.2)%	10.8%	4.4%	10.5%	2.8%	0.7%	12.2%
Revenue growth ⁵	(2.6)%	8.2%	2.0%	15.5%	16.2%	7.9%	(3.0)%	(4.3)%	(1.8)%	2.4%	6.7%	8.7%	3.6%
Adjusted revenue growth ^{4,5}	8.3%	6.9%	5.3%	11.3%	6.3%	3.1%	5.1%	1.7%	1.5%	6.8%	4.8%	6.4%	4.7%
NIE growth ⁵	6.8%	7.0%	5.1%	11.9%	9.8%	3.2%	7.4%	7.1%	0.7%	6.3%	6.8%	8.0%	5.5%
Adjusted NIE growth ^{4,5}	6.8%	7.0%	5.1%	11.9%	9.8%	3.2%	7.4%	7.1%	1.6%	6.3%	6.8%	8.0%	6.4%
Operating leverage	(9.4)%	1.2%	(3.1)%	3.6%	6.4%	4.7%	(10.4)%	(11.4)%	(2.5)%	(3.9)%	(0.1)%	0.7%	(1.9)%
Adjusted operating leverage ⁴	1.5%	(0.1)%	0.2%	(0.6)%	(3.5)%	(0.1)%	(5.4)%	(0.1)%	0.5%	(2.0)%	(2.0)%	(1.6)%	(1.7)%
PCL on impaired loans as a % of Average net loans and acceptances	0.23%	0.23%	0.22%	0.27%	0.24%	0.32%	0.31%	0.23%	0.23%	0.23%	0.29%	0.28%	0.24%
Net interest margin (on average earning assets)	1.69%	1.73%	1.73%	1.70%	1.69%	1.70%	1.71%	1.67%	1.72%	1.72%	1.70%	1.70%	1.71%
Net interest margin (total average assets)	1.42%	1.46%	1.45%	1.42%	1.38%	1.40%	1.42%	1.38%	1.44%	1.44%	1.40%	1.41%	1.40%
Net interest margin (total average assets) excluding Trading Assets, Trading NII and Insurance Assets	1.99%	2.01%	2.02%	2.04%	2.03%	2.02%	2.04%	2.00%	2.07%	2.00%	2.03%	2.03%	2.07%
Non-interest income as % of total revenue	57.4%	59.3%	54.7%	54.8%	59.8%	57.7%	55.2%	52.6%	57.1%	57.2%	57.6%	57.0%	58.2%
Effective tax rate	22.1%	23.9%	21.5%	23.2%	20.4%	19.4%	22.6%	7.6%	24.2%	22.5%	20.7%	21.4%	20.6%
Effective tax rate (teb)	24.3%	25.8%	23.8%	25.8%	25.8%	24.2%	26.1%	14.1%	27.2%	24.6%	25.4%	25.5%	24.0%
CAPITAL MEASURES - CONSOLIDATED													
Common Equity Tier 1 capital ratio (CET1) ³	10.9%	10.6%	11.0%	10.8%	10.5%	10.3%	9.9%	10.6%	10.1%	10.9%	10.5%	10.8%	10.6%
Tier 1 capital ratio ³	12.4%	12.0%	12.6%	12.3%	12.1%	11.9%	11.3%	12.2%	11.7%	12.4%	12.1%	12.3%	12.2%
Total capital ratio ³	14.4%	14.1%	14.7%	14.4%	14.2%	14.0%	13.4%	14.0%	13.4%	14.4%	14.2%	14.4%	14.0%
Total capital risk-weighted assets (\$ billions) ³	458.1	471.2	443.9	449.7	445.1	437.1	462.4	414.0	421.9	458.1	445.1	449.7	414.0
Leverage ratio - all-in basis	4.4%	4.3%	4.4%	4.4%	4.2%	4.2%	4.0%	4.3%	4.2%	4.4%	4.2%	4.4%	4.3%
Leverage ratio exposure - all-in basis (\$ billions)	1,286.6	1,311.7	1,260.0	1,265.1	1,270.4	1,228.3	1,288.5	1,170.2	1,178.4	1,286.6	1,270.4	1,265.1	1,170.2

¹ Average common shares outstanding includes the impact of treasury shares held.

² This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50.

³ Different scalars are applied to the Credit valuation adjustment (CVA) included in the risk weighted asset calculation applicable to each of the three tiers of capital. This phase-in approach of CVA ends in Q4/18. During this phase-in period, RWA for Common Equity Tier 1 (CET1), Tier 1 capital and Total capital ratios will be subject to different annual CVA percentages. 2015 and 2016 CVA scalars are 64%, 71% and 77%. For 2017 the CVA scalars are 72%, 77% and 81%.

⁴ These measures have been adjusted to exclude the change in fair value backing out policyholder liabilities and the following specified items (pre-tax): Gain on sale of U.S. operations of Moneris Solutions (Q1/17 - \$212 million), Gain on sale of RBC General Insurance (Q3/16 - \$287 million), Cumulative translation adjustment release (Q2/15 - \$108 million), Loss on sale of RBC Jamaica (Q3/14 - \$40 million, Q1/14 - \$60 million) and Caribbean provision related to post-employment benefits and restructuring charges (Q1/14 - \$40 million). These are non-GAAP measures. Refer to page 50 for further details.

⁵ Growth rates are calculated based on earnings in the same period a year ago.

FINANCIAL HIGHLIGHTS <i>continued</i> (Millions of Canadian dollars, except otherwise noted)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
ADJUSTED BASIS MEASURES¹													
Net income available to common shareholders	2,707	2,724	2,940	2,458	2,801	2,486	2,366	2,515	2,399	8,371	7,653	10,111	9,734
Adjustments													
Add: After-tax effect of amortization of other intangibles ²	50	51	56	53	51	52	56	26	27	157	159	212	117
Cumulative translation adjustment release	-	-	-	-	-	-	-	-	-	-	-	-	(108)
City National transaction and integration costs	7	5	6	9	12	13	23	23	1	18	48	57	37
Gain on sale of RBC General Insurance	-	-	-	-	(235)	-	-	-	-	-	(235)	(235)	-
Gain on sale of U.S. operations of Moneris Solutions Corporation	-	-	(212)	-	-	-	-	-	-	(212)	-	-	-
	2,764	2,780	2,790	2,520	2,629	2,551	2,445	2,564	2,427	8,334	7,625	10,145	9,780
Add: Dilutive impact of exchangeable shares	4	3	4	4	4	3	4	4	4	11	11	15	15
Net income available to common shareholders including dilutive impact of exchangeable shares	2,768	2,783	2,794	2,524	2,633	2,554	2,449	2,568	2,431	8,345	7,636	10,160	9,795
Adjusted EPS	\$1.90	\$1.89	\$1.88	\$1.70	\$1.77	\$1.72	\$1.64	\$1.78	\$1.68	\$5.67	\$5.13	\$6.83	\$6.78
Adjusted diluted EPS	\$1.89	\$1.89	\$1.87	\$1.69	\$1.76	\$1.71	\$1.64	\$1.77	\$1.68	\$5.65	\$5.11	\$6.80	\$6.76
Adjusted ROE	16.7%	17.6%	17.1%	15.9%	16.9%	16.6%	15.8%	18.2%	18.3%	17.1%	16.5%	16.3%	18.7%
ECONOMIC PROFIT													
Net income	2,796	2,809	3,027	2,543	2,895	2,573	2,447	2,593	2,475	8,632	7,915	10,458	10,026
Non-controlling interests	(13)	(8)	(12)	(10)	(9)	(13)	(21)	(24)	(26)	(33)	(43)	(53)	(101)
After-tax effect of amortization of other intangibles	50	51	56	53	51	52	56	26	27	157	159	212	113
Goodwill and other intangibles impairment	-	-	-	-	-	-	-	-	-	-	-	-	4
Capital charge	(1,484)	(1,420)	(1,460)	(1,503)	(1,484)	(1,455)	(1,451)	(1,319)	(1,244)	(4,364)	(4,390)	(5,893)	(4,896)
Economic profit ³	1,349	1,432	1,611	1,083	1,453	1,157	1,031	1,276	1,232	4,392	3,641	4,724	5,146
ADDITIONAL SHARE INFORMATION													
Common shares outstanding (000s) - end of period	1,457,934	1,457,291	1,475,540	1,485,394	1,485,085	1,488,219	1,486,631	1,443,423	1,443,192	1,457,934	1,485,085	1,485,394	1,443,423
Treasury shares held													
- preferred (000s)	3	(24)	13	31	(18)	5	(17)	(63)	(6)	3	(18)	31	(63)
- common (000s)	1,091	(227)	(515)	(1,159)	(1,473)	(1,324)	1,193	532	479	1,091	(1,473)	(1,159)	532
Stock options outstanding (000s) ⁴	9,932	10,612	11,382	11,388	12,595	13,176	14,797	8,182	8,414	9,932	12,595	11,388	8,182
Stock options exercisable (000s)	4,952	5,595	6,209	6,909	8,085	8,718	10,188	5,231	5,463	4,952	8,085	6,909	5,231
Dividends declared per common share	\$0.87	\$0.87	\$0.83	\$0.83	\$0.81	\$0.81	\$0.79	\$0.79	\$0.77	\$2.57	\$2.41	\$3.24	\$3.08
Dividend yield	3.7%	3.6%	3.8%	4.0%	4.1%	4.5%	4.4%	4.3%	4.0%	3.8%	4.4%	4.3%	4.1%
Dividend payout ratio	47%	47%	42%	50%	43%	49%	50%	45%	46%	45%	47%	48%	46%
Common dividends	1,269	1,271	1,232	1,234	1,202	1,206	1,175	1,141	1,110	3,772	3,583	4,817	4,443
Preferred dividends	76	77	75	75	85	74	60	54	50	228	219	294	191
Book value per share	\$44.93	\$45.20	\$43.97	\$43.32	\$42.15	\$40.91	\$42.42	\$39.51	\$38.20	\$44.93	\$42.15	\$43.32	\$39.51
Common share price (RY on TSX)													
- High	\$96.20	\$99.90	\$94.90	\$84.70	\$80.97	\$78.93	\$77.67	\$77.60	\$80.85	\$99.90	\$80.97	\$84.70	\$83.87
- Low	\$90.73	\$93.11	\$81.82	\$78.24	\$74.64	\$64.52	\$64.95	\$68.05	\$72.98	\$81.82	\$64.52	\$64.52	\$68.05
- Close, end of period	\$93.01	\$93.47	\$93.56	\$83.80	\$79.59	\$77.92	\$72.55	\$74.77	\$76.26	\$93.01	\$79.59	\$83.80	\$74.77
Market capitalization (TSX)	135,602	136,213	138,052	124,476	118,198	115,962	107,855	107,925	110,058	135,602	118,198	124,476	107,925
Market price to book value	2.07	2.07	2.13	1.93	1.89	1.90	1.71	1.89	2.00	2.07	1.89	1.93	1.89

¹ Adjusted measures are non-GAAP measures. For further information, refer to the Key performance and non-GAAP measures section on page 50.

² Q2/15 includes \$4 million related to the impairment of other intangibles.

³ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50.

⁴ Effective Q1/16, includes share-based compensation awards from our acquisition of City National.

FINANCIAL HIGHLIGHTS <i>continued</i> (Millions of Canadian dollars, except otherwise noted)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
SELECTED BALANCE SHEET INFORMATION													
Average loans and acceptances	547,700	540,500	535,600	531,900	527,600	524,200	525,200	481,400	469,700	541,300	525,700	527,200	466,600
Total assets	1,201,047	1,202,919	1,161,766	1,180,258	1,198,875	1,150,357	1,200,352	1,074,208	1,085,173	1,201,047	1,198,875	1,180,258	1,074,208
Average assets	1,188,800	1,181,000	1,180,800	1,175,400	1,184,300	1,166,500	1,179,300	1,096,100	1,043,900	1,183,600	1,176,800	1,176,400	1,052,800
Average earning assets	1,000,200	997,700	990,500	981,900	973,400	960,900	976,300	900,700	874,700	996,100	970,200	973,200	864,800
Deposits	778,618	785,583	757,512	757,589	754,415	741,454	769,568	697,227	694,236	778,618	754,415	757,589	697,227
Common equity	65,561	65,858	64,853	64,304	62,541	60,825	63,111	57,048	55,153	65,561	62,541	64,304	57,048
Average common equity	65,750	64,800	64,650	63,100	61,800	62,400	61,450	55,800	52,600	65,050	61,900	62,200	52,300
OTHER INFORMATION													
Number of employees (full-time equivalent)													
Canada	53,733	52,906	52,859	52,898	54,124	53,786	53,668	53,730	54,507	53,733	54,124	52,898	53,730
US	12,611	11,947	11,896	11,824	11,861	11,509	11,494	7,769	7,894	12,611	11,861	11,824	7,769
Other	10,376	10,428	10,704	10,788	10,956	11,005	11,218	11,340	11,813	10,376	10,956	10,788	11,340
Total	76,720	75,281	75,459	75,510	76,941	76,300	76,380	72,839	74,214	76,720	76,941	75,510	72,839
Number of banking branches													
Canada	1,246	1,256	1,265	1,268	1,271	1,274	1,276	1,275	1,273	1,246	1,271	1,268	1,275
US	72	72	73	73	73	75	75	-	-	72	73	73	-
Other	70	73	77	78	78	78	79	80	81	70	78	78	80
Total	1,388	1,401	1,415	1,419	1,422	1,427	1,430	1,355	1,354	1,388	1,422	1,419	1,355
Number of automated teller machines (ATMs)	4,758	4,893	4,902	4,905	4,901	4,898	4,900	4,816	4,892	4,758	4,901	4,905	4,816
Active digital (Online and Mobile) users (000's) ¹	6,088	6,021	5,908	5,806	5,694	5,607	5,524	5,442	5,349	6,088	5,694	5,806	5,442
Active mobile users (000's) ¹	3,135	2,981	2,886	2,772	2,617	2,463	2,379	2,267	2,141	3,135	2,617	2,772	2,267
MARKET RISK MEASURES - Structural Interest Rate Sensitivities													
Before-tax impact of 1% increase in rates on:													
Net interest income risk ²	379	471	414	420	449	421	427	289	337	379	449	420	289
Economic value of equity	(1,325)	(1,208)	(1,304)	(1,377)	(1,187)	(1,192)	(1,286)	(1,072)	(893)	(1,325)	(1,187)	(1,377)	(1,072)
Before-tax impact of 1% decrease in rates on:													
Net interest income risk ²	(546)	(577)	(553)	(465)	(450)	(450)	(457)	(370)	(319)	(546)	(450)	(465)	(370)
Economic value of equity	753	655	860	644	496	571	593	829	566	753	496	644	829

¹ This figure represents the 90-Day Active customers in Canadian Banking only.

² Amounts represent the 12-month Net interest exposure to an instantaneous and sustained shift in interest rates.

STATEMENTS OF INCOME (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017	2016	2016	2015
										9 months	9 months		
Net interest income													
Interest income	6,808	6,491	6,459	6,211	6,184	6,001	6,056	5,715	5,755	19,758	18,241	24,452	22,729
Interest expense	2,551	2,293	2,135	2,024	2,061	1,976	1,860	1,915	1,972	6,979	5,897	7,921	7,958
Total	4,257	4,198	4,324	4,187	4,123	4,025	4,196	3,800	3,783	12,779	12,344	16,531	14,771
Non-interest income													
Accounts	328	324	325	329	323	317	315	304	300	977	955	1,284	1,193
Other payment services	122	113	113	118	120	118	116	100	105	348	354	472	399
Service charges	450	437	438	447	443	435	431	404	405	1,325	1,309	1,756	1,592
Insurance premiums, investment and fee income	1,009	1,448	497	824	1,534	1,351	1,159	717	1,021	2,954	4,044	4,868	4,436
Trading revenue	216	181	263	119	311	181	90	(203)	56	660	582	701	552
Investment management and custodial fees	1,194	1,158	1,128	1,102	1,053	1,031	1,054	942	966	3,480	3,138	4,240	3,778
Mutual fund revenue	788	749	745	745	728	695	719	731	739	2,282	2,142	2,887	2,881
Securities brokerage commissions	330	360	399	350	352	360	367	352	358	1,089	1,079	1,429	1,436
Underwriting and other advisory fees	537	590	468	509	524	469	374	350	531	1,595	1,367	1,876	1,885
Foreign exchange revenue, other than trading	281	236	227	217	189	376	182	222	137	744	747	964	814
Card service revenue	245	241	236	220	227	226	216	193	209	722	669	889	798
Credit fees	355	358	356	384	285	307	263	308	320	1,069	855	1,239	1,184
Net gain (loss) on available-for-sale securities	44	54	27	2	7	15	52	34	42	125	74	76	145
Share of profit (loss) in joint ventures and associates	33	41	251	44	44	41	47	40	28	325	132	176	149
Other	247	259	187	115	435	14	209	129	233	693	658	773	900
Total	5,729	6,112	5,222	5,078	6,132	5,501	5,163	4,219	5,045	17,063	16,796	21,874	20,550
Total revenue	9,986	10,310	9,546	9,265	10,255	9,526	9,359	8,019	8,828	29,842	29,140	38,405	35,321
Provision for credit losses	320	302	294	358	318	460	410	275	270	916	1,188	1,546	1,097
Insurance policyholder benefits, claims and acquisition expense	643	1,090	183	397	1,210	988	829	292	656	1,916	3,027	3,424	2,963
Non-interest expense	5,435	5,229	5,215	5,198	5,091	4,887	4,960	4,647	4,635	15,879	14,938	20,136	18,638
Income before income taxes	3,588	3,689	3,854	3,312	3,636	3,191	3,160	2,805	3,267	11,131	9,987	13,299	12,623
Income taxes	792	880	827	769	741	618	713	212	792	2,499	2,072	2,841	2,597
Net income	2,796	2,809	3,027	2,543	2,895	2,573	2,447	2,593	2,475	8,632	7,915	10,458	10,026
Net income (loss) attributable to:													
Shareholders	2,783	2,801	3,015	2,533	2,886	2,560	2,426	2,569	2,449	8,599	7,872	10,405	9,925
Non-controlling interests (NCI)	13	8	12	10	9	13	21	24	26	33	43	53	101
Net income	2,796	2,809	3,027	2,543	2,895	2,573	2,447	2,593	2,475	8,632	7,915	10,458	10,026
Net income	2,796	2,809	3,027	2,543	2,895	2,573	2,447	2,593	2,475	8,632	7,915	10,458	10,026
Non-controlling interests	(13)	(8)	(12)	(10)	(9)	(13)	(21)	(24)	(26)	(33)	(43)	(53)	(101)
Preferred dividends	(76)	(77)	(75)	(75)	(85)	(74)	(60)	(54)	(50)	(228)	(219)	(294)	(191)
Net income available to common shareholders	2,707	2,724	2,940	2,458	2,801	2,486	2,366	2,515	2,399	8,371	7,653	10,111	9,734

REVENUE FROM TRADING ACTIVITIES (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Total trading revenue													
Net interest income	544	631	669	571	570	597	638	640	623	1,844	1,805	2,376	2,398
Non-interest income	216	181	263	119	311	181	90	(203)	56	660	582	701	552
Total	760	812	932	690	881	778	728	437	679	2,504	2,387	3,077	2,950
Trading revenue by product													
Interest rate and credit	416	431	583	449	585	430	366	162	358	1,430	1,381	1,830	1,400
Equities	236	239	213	123	165	189	207	174	206	688	561	684	1,045
Foreign exchange and commodities	108	142	136	118	131	159	155	101	115	386	445	563	505
Total	760	812	932	690	881	778	728	437	679	2,504	2,387	3,077	2,950
Trading revenue (teb) by product													
Interest rate and credit	416	431	583	449	585	430	366	162	358	1,430	1,381	1,830	1,400
Equities	311	325	306	210	262	336	358	387	339	942	956	1,166	1,614
Foreign exchange and commodities	108	142	136	119	131	159	155	100	115	386	445	564	504
Total (teb)	835	898	1,025	778	978	925	879	649	812	2,758	2,782	3,560	3,518
Trading revenue (teb) by product - Capital Markets													
Interest rate and credit	353	332	484	332	465	349	327	181	315	1,169	1,141	1,473	1,238
Equities	323	330	318	223	262	339	381	390	339	971	982	1,205	1,590
Foreign exchange and commodities	77	104	80	74	87	124	117	77	82	261	328	402	376
Total (teb)	753	766	882	629	814	812	825	648	736	2,401	2,451	3,080	3,204
Trading revenue (teb) - Investor & Treasury Services													
	41	79	89	105	90	58	48	(26)	44	209	196	301	152

NON-INTEREST EXPENSE (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Human resources													
Salaries	1,559	1,449	1,441	1,466	1,462	1,445	1,492	1,348	1,309	4,449	4,399	5,865	5,197
Variable compensation	1,294	1,229	1,215	1,158	1,129	1,046	1,074	955	1,133	3,738	3,249	4,407	4,533
Benefits and retention compensation	444	465	468	378	402	430	464	355	399	1,377	1,296	1,674	1,607
Stock-based compensation ¹	88	98	139	30	86	93	46	24	49	325	225	255	246
Total Human resources	3,385	3,241	3,263	3,032	3,079	3,014	3,076	2,682	2,890	9,889	9,169	12,201	11,583
Equipment													
Depreciation	63	60	61	66	47	64	64	58	55	184	175	241	220
Computer rental and maintenance	293	277	291	306	294	289	287	282	268	861	870	1,176	1,041
Office equipment rental and maintenance	5	7	4	6	5	5	5	2	4	16	15	21	16
Total Equipment	361	344	356	378	346	358	356	342	327	1,061	1,060	1,438	1,277
Occupancy													
Premises rent	168	175	200	181	154	163	163	151	153	543	480	661	581
Premises repairs and maintenance	100	106	66	103	115	114	109	111	89	272	338	441	401
Depreciation	78	86	101	87	85	72	88	81	72	265	245	332	307
Property taxes	37	37	32	35	33	33	33	25	37	106	99	134	121
Total Occupancy	383	404	399	406	387	382	393	368	351	1,186	1,162	1,568	1,410
Communications													
Telecommunications	40	42	42	43	45	42	42	43	42	124	129	172	164
Postage and courier	51	58	56	50	50	57	49	43	41	165	156	206	179
Marketing and public relations	135	119	101	167	122	107	94	147	110	355	323	490	468
Stationery and printing	24	22	22	18	23	18	18	20	20	68	59	77	77
Total Communications	250	241	221	278	240	224	203	253	213	712	667	945	888
Professional fees	326	265	255	312	279	247	240	307	223	846	766	1,078	932
Amortization of other intangibles													
Computer software	181	174	167	179	173	152	153	150	145	522	478	657	575
Other	74	77	85	78	77	77	81	30	35	236	235	313	137
Total Amortization of other intangibles	255	251	252	257	250	229	234	180	180	758	713	970	712
Other													
Business and capital taxes	22	13	22	91	30	23	31	76	26	57	84	175	159
Travel and relocation	52	47	44	55	51	46	51	54	53	143	148	203	201
Employee training	15	13	11	19	13	11	11	16	13	39	35	54	50
Donations	18	18	16	23	22	18	19	25	19	52	59	82	77
Outsourced item processing	44	45	46	39	45	48	46	43	44	135	139	178	174
Impairment of other intangibles	2	-	-	-	-	3	-	1	(1)	2	3	3	7
Impairment of investments in joint ventures and associates	-	1	1	(23)	5	4	6	(17)	5	2	15	(8)	3
Other	322	346	329	331	344	280	294	317	292	997	918	1,249	1,165
Total Other	475	483	469	535	510	433	458	515	451	1,427	1,401	1,936	1,836
Total non-interest expense	5,435	5,229	5,215	5,198	5,091	4,887	4,960	4,647	4,635	15,879	14,938	20,136	18,638

¹ Stock-based compensation includes the cost of stock options, performance deferred shares, deferred compensation plans and the impact of related economic hedges.

PERSONAL & COMMERCIAL BANKING (Millions of Canadian dollars, except percentage amounts)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Income Statement													
Net interest income	2,721	2,597	2,649	2,640	2,598	2,527	2,572	2,569	2,543	7,967	7,697	10,337	10,004
Non-interest income	1,200	1,153	1,381	1,144	1,137	1,107	1,111	1,080	1,083	3,734	3,355	4,499	4,309
Total revenue	3,921	3,750	4,030	3,784	3,735	3,634	3,683	3,649	3,626	11,701	11,052	14,836	14,313
Provision for credit losses (PCL)	273	262	249	288	271	279	284	240	257	784	834	1,122	984
Non-interest expense	1,777	1,661	1,723	1,780	1,687	1,614	1,676	1,717	1,648	5,161	4,977	6,757	6,611
Income taxes	472	467	466	441	455	444	433	422	440	1,405	1,332	1,773	1,712
Net income	1,399	1,360	1,592	1,275	1,322	1,297	1,290	1,270	1,281	4,351	3,909	5,184	5,006
Total revenue by business													
Personal Financial Services	2,062	1,966	2,015	1,997	1,973	1,908	1,932	1,956	1,949	6,043	5,813	7,810	7,634
Business Financial Services	850	812	820	811	814	773	792	774	780	2,482	2,379	3,190	3,091
Cards and Payment Solutions	768	732	943	724	712	699	698	679	661	2,443	2,109	2,833	2,654
Canadian Banking	3,680	3,510	3,778	3,532	3,499	3,380	3,422	3,409	3,390	10,968	10,301	13,833	13,379
Caribbean & U.S. Banking	241	240	252	252	236	254	261	240	236	733	751	1,003	934
Total	3,921	3,750	4,030	3,784	3,735	3,634	3,683	3,649	3,626	11,701	11,052	14,836	14,313
Financial ratios													
Return on equity (ROE) ¹	26.6 %	28.0 %	32.1 %	27.1 %	28.0 %	27.8 %	26.9 %	29.1 %	30.3 %	28.9 %	27.6 %	27.5 %	30.0 %
Net interest margin (average earning assets)	2.66 %	2.67 %	2.66 %	2.69 %	2.68 %	2.69 %	2.68 %	2.70 %	2.72 %	2.66 %	2.68 %	2.68 %	2.71 %
Efficiency ratio	45.3 %	44.3 %	42.8 %	47.0 %	45.2 %	44.4 %	45.5 %	47.1 %	45.4 %	44.1 %	45.0 %	45.5 %	46.2 %
Operating leverage	(0.3)%	0.3 %	6.6 %	0.0 %	0.6 %	4.9 %	0.4 %	1.0 %	3.8 %	2.2 %	1.9 %	1.5 %	3.5 %
Average balances													
Total assets	423,700	417,300	413,100	409,000	405,000	400,400	400,800	395,100	388,100	418,000	402,100	403,800	386,100
Total earning assets	405,700	398,900	395,500	391,000	386,000	382,200	382,300	377,300	370,700	400,000	383,500	385,400	369,000
Loans and acceptances	405,200	398,200	394,600	390,000	384,700	380,600	380,300	375,400	369,100	399,400	381,900	383,900	367,500
Deposits	346,400	342,400	336,700	329,700	321,300	314,600	314,600	307,000	299,200	341,900	316,900	320,100	298,600
Attributed capital	20,500	19,550	19,350	18,350	18,400	18,600	18,750	17,050	16,550	19,800	18,600	18,550	16,500
Risk capital	15,850	14,850	14,650	13,600	13,700	13,800	13,850	12,150	11,750	15,100	13,800	13,750	11,650
Credit quality													
Gross impaired loans / Average net loans and acceptances	0.37 %	0.39 %	0.39 %	0.42 %	0.43 %	0.45 %	0.48 %	0.48 %	0.52 %	0.38 %	0.43 %	0.43 %	0.49 %
PCL on impaired loans / Average net loans and acceptances	0.27 %	0.27 %	0.25 %	0.29 %	0.28 %	0.30 %	0.30 %	0.25 %	0.28 %	0.26 %	0.29 %	0.29 %	0.27 %
Net write-offs / Average net loans and acceptances	0.25 %	0.27 %	0.25 %	0.28 %	0.30 %	0.29 %	0.26 %	0.29 %	0.28 %	0.25 %	0.28 %	0.28 %	0.28 %
Business information													
Assets under administration ²	252,500	258,100	245,000	239,600	235,300	228,000	222,000	223,500	227,900	252,500	235,300	239,600	223,500
Assets under management	4,400	4,800	4,500	4,600	4,400	4,400	4,700	4,800	4,700	4,400	4,400	4,600	4,800
Number of employees (full-time equivalent) ³	32,679	32,387	32,723	33,047	33,973	33,935	34,072	34,249	34,828	32,679	33,973	33,047	34,249
Other earnings measures													
Net income	1,399	1,360	1,592	1,275	1,322	1,297	1,290	1,270	1,281	4,351	3,909	5,184	5,006
Non-controlling interests	(4)	1	(3)	(1)	(1)	(4)	(2)	(2)	(1)	(6)	(7)	(8)	(8)
Add: After-tax effect of amortization of other intangibles	3	3	3	3	4	2	3	3	4	9	9	12	22
Adjusted net income	1,398	1,364	1,592	1,277	1,325	1,295	1,291	1,271	1,284	4,354	3,911	5,188	5,020
Less: Capital charge	463	429	437	438	442	433	443	404	392	1,329	1,318	1,756	1,544
Economic profit ⁴	935	935	1,155	839	883	862	848	867	892	3,025	2,593	3,432	3,476

¹ This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50.

² AUA represents period-end spot balances and includes securitized residential mortgages and credit card loans as at July 31, 2017 of \$18.4 billion and \$8.2 billion, respectively (April 30, 2017 - \$18.9 billion and \$9.8 billion; July 31, 2016 - \$18.8 billion and \$9.4 billion).

³ Amounts have been revised from those previously presented in our 2016 Annual Report.

⁴ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50.

CANADIAN BANKING (Millions of Canadian dollars, except percentage amounts)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Income Statement													
Net interest income	2,561	2,435	2,488	2,471	2,442	2,367	2,403	2,407	2,381	7,484	7,212	9,683	9,377
Non-interest income	1,119	1,075	1,290	1,061	1,057	1,013	1,019	1,002	1,009	3,484	3,089	4,150	4,002
Total revenue	3,680	3,510	3,778	3,532	3,499	3,380	3,422	3,409	3,390	10,968	10,301	13,833	13,379
Provision for credit losses (PCL)	259	256	250	276	265	273	266	228	238	765	804	1,080	912
Non-interest expense	1,602	1,479	1,514	1,578	1,503	1,434	1,495	1,529	1,476	4,595	4,432	6,010	5,891
Income taxes	470	459	468	432	447	432	430	425	437	1,397	1,309	1,741	1,699
Net income	1,349	1,316	1,546	1,246	1,284	1,241	1,231	1,227	1,239	4,211	3,756	5,002	4,877
Total revenue by business													
Personal Financial Services	2,062	1,966	2,015	1,997	1,973	1,908	1,932	1,956	1,949	6,043	5,813	7,810	7,634
Business Financial Services	850	812	820	811	814	773	792	774	780	2,482	2,379	3,190	3,091
Cards and Payment Solutions	768	732	943	724	712	699	698	679	661	2,443	2,109	2,833	2,654
Total	3,680	3,510	3,778	3,532	3,499	3,380	3,422	3,409	3,390	10,968	10,301	13,833	13,379
Financial ratios													
Return on equity (ROE) ¹	30.6 %	32.9 %	37.8 %	32.5 %	33.4 %	32.9 %	31.8 %	35.2 %	36.5 %	33.7 %	32.7 %	32.6 %	36.4 %
Net interest margin (average earning assets)	2.61 %	2.62 %	2.61 %	2.63 %	2.63 %	2.64 %	2.62 %	2.65 %	2.66 %	2.61 %	2.63 %	2.63 %	2.66 %
Efficiency ratio	43.5 %	42.1 %	40.1 %	44.7 %	43.0 %	42.4 %	43.7 %	44.9 %	43.5 %	41.9 %	43.0 %	43.4 %	44.0 %
Operating leverage	(1.4)%	0.7 %	9.1 %	0.4 %	1.4 %	3.6 %	0.2 %	(1.5)%	0.7 %	2.8 %	1.7 %	1.4 %	0.4 %
Average balances													
Total assets	401,200	393,900	390,400	386,500	382,300	377,800	377,300	373,000	366,500	395,200	379,100	381,000	364,900
Total earning assets	388,600	381,400	378,400	374,300	368,900	364,900	364,300	360,200	354,600	382,800	366,000	368,100	352,800
Loans and acceptances	396,100	388,800	385,300	380,900	375,600	371,300	370,500	366,100	360,300	390,100	372,500	374,600	358,500
Residential mortgages	229,600	225,600	224,100	220,600	216,400	213,900	212,400	208,400	203,300	226,400	214,200	215,800	202,200
Personal ²	81,000	80,200	80,300	81,000	81,400	81,300	82,400	83,600	83,700	80,500	81,800	81,500	84,100
Credit cards	17,100	16,400	16,700	16,400	16,100	15,500	15,800	15,500	15,200	16,800	15,800	16,000	15,100
Small business	4,400	3,800	3,800	3,900	3,900	3,900	3,900	4,000	4,000	4,000	3,900	3,900	4,000
Total retail	332,100	326,000	324,900	321,900	317,800	314,600	314,500	311,500	306,200	327,700	315,700	317,200	305,400
Wholesale	64,000	62,800	60,400	59,000	57,800	56,700	56,000	54,600	54,100	62,400	56,800	57,400	53,100
Personal deposits	185,200	182,900	181,200	178,300	177,100	175,600	173,100	169,700	165,700	183,100	175,200	176,000	165,600
Business deposits	143,000	140,400	137,200	133,100	125,600	120,600	122,400	119,100	116,300	140,200	122,900	125,400	115,600
Attributed capital	17,200	16,150	16,000	15,000	15,050	15,150	15,250	13,700	13,300	16,450	15,150	15,100	13,250
Risk capital	14,400	13,300	13,150	12,150	12,150	12,250	12,350	10,800	10,400	13,600	12,250	12,250	10,350
Credit quality													
Gross impaired loans / Average net loans and acceptances	0.25 %	0.25 %	0.26 %	0.27 %	0.28 %	0.28 %	0.27 %	0.29 %	0.31 %	0.26 %	0.28 %	0.27 %	0.30 %
PCL on impaired loans / Average net loans and acceptances	0.26 %	0.27 %	0.26 %	0.29 %	0.28 %	0.30 %	0.29 %	0.25 %	0.26 %	0.26 %	0.29 %	0.29 %	0.25 %
Net write-offs / Average net loans and acceptances	0.24 %	0.26 %	0.25 %	0.27 %	0.27 %	0.28 %	0.26 %	0.26 %	0.25 %	0.25 %	0.27 %	0.27 %	0.25 %
Business information													
Assets under administration ³	244,400	249,200	236,700	231,400	227,400	218,800	211,900	213,700	217,700	244,400	227,400	231,400	213,700
Number of employees (full-time equivalent)	29,786	29,482	29,689	29,982	30,927	30,803	30,868	31,057	31,646	29,786	30,927	29,982	31,057
Other earnings measures													
Net income	1,349	1,316	1,546	1,246	1,284	1,241	1,231	1,227	1,239	4,211	3,756	5,002	4,877
Add: After-tax effect of amortization of other intangibles	4	2	3	2	3	3	3	3	3	9	9	11	12
Adjusted net income	1,353	1,318	1,549	1,248	1,287	1,244	1,234	1,230	1,242	4,220	3,765	5,013	4,889
Less: Capital charge	390	353	362	358	361	352	360	324	315	1,105	1,073	1,431	1,243
Economic profit ⁴	963	965	1,187	890	926	892	874	906	927	3,115	2,692	3,582	3,646

¹ This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50.

² As at Q3/17, average personal secured loans was \$60.1 billion and average personal unsecured loans was \$20.9 billion. The loans are secured by securities, residential real estate, automotive assets and government guarantees.

³ AUA represents period-end spot balances and includes securitized residential mortgages and credit card loans as at July 31, 2017 of \$18.4 billion and \$8.2 billion, respectively (April 30, 2017 - \$18.9 billion and \$9.8 billion; July 31, 2016 - \$18.8 billion and \$9.4 billion).

⁴ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50.

WEALTH MANAGEMENT (Millions of Canadian dollars, except percentage amounts)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Income Statement													
Net interest income	578	546	541	524	496	466	469	118	129	1,665	1,431	1,955	493
Fee-based revenue	1,431	1,371	1,351	1,331	1,276	1,232	1,270	1,188	1,200	4,153	3,778	5,109	4,699
Transaction and other revenue	449	468	492	442	427	428	405	359	376	1,409	1,260	1,702	1,557
U.S. Wealth accumulation plan gains/(losses) ¹	36	42	47	(10)	36	54	(57)	(12)	3	125	33	23	26
Total revenue	2,494	2,427	2,431	2,287	2,235	2,180	2,087	1,653	1,708	7,352	6,502	8,789	6,775
Provision for credit losses (PCL)	6	15	13	22	14	7	5	1	-	34	26	48	46
Non-interest expense	1,824	1,799	1,814	1,743	1,682	1,628	1,725	1,324	1,291	5,437	5,035	6,778	5,247
U.S. Wealth accumulation plan (gains)/losses ¹	32	39	41	(7)	35	42	(47)	(7)	11	112	30	23	45
Income taxes	146	143	133	133	116	117	101	80	121	422	334	467	396
Net income	486	431	430	396	388	386	303	255	285	1,347	1,077	1,473	1,041
Total revenue by business													
Canadian Wealth Management	678	676	698	648	606	601	595	583	584	2,052	1,802	2,450	2,308
U.S. Wealth Management (including City National)	1,237	1,192	1,170	1,081	1,064	1,038	940	499	506	3,599	3,042	4,123	2,008
Global Asset Management	483	461	467	456	458	433	439	447	456	1,411	1,330	1,786	1,820
International Wealth Management	96	98	96	102	107	108	113	124	162	290	328	430	639
Total	2,494	2,427	2,431	2,287	2,235	2,180	2,087	1,653	1,708	7,352	6,502	8,789	6,775
Financial ratios													
Return on equity (ROE) ²	13.9%	12.4%	12.2%	11.6%	11.4%	11.6%	8.9%	17.0%	18.6%	12.9%	10.6%	10.9%	17.4%
Net interest margin (average earning assets)	3.14%	2.99%	2.82%	2.82%	2.87%	2.88%	2.79%	2.46%	2.60%	2.98%	2.85%	2.84%	2.50%
Pre-tax margin	25.3%	23.7%	23.2%	23.1%	22.6%	23.1%	19.4%	20.3%	23.8%	24.1%	21.7%	22.1%	21.2%
Average balances													
Total assets	86,400	89,000	90,100	87,900	83,000	80,000	81,700	28,200	29,800	88,500	81,600	83,200	29,100
Total earning assets	73,100	74,800	76,200	73,800	68,800	65,700	66,900	19,000	19,700	74,700	67,100	68,800	19,700
Loans and acceptances	51,500	52,000	50,800	50,200	49,100	47,900	49,500	17,300	17,700	51,400	48,800	49,200	17,700
Retail loans	21,600	21,700	21,300	20,900	20,400	20,000	21,000	10,400	10,200	21,600	20,400	20,600	10,300
Wholesale loans	29,900	30,300	29,500	29,300	28,700	27,900	28,500	6,900	7,500	29,800	28,400	28,600	7,400
Deposits	91,800	94,800	95,100	91,300	85,200	82,200	83,100	37,300	40,500	93,900	83,500	85,400	39,500
Attributed capital	13,450	13,700	13,400	13,000	12,900	13,000	13,000	5,850	5,950	13,500	12,950	12,950	5,900
Risk capital	5,900	5,950	5,700	5,150	4,900	4,850	4,450	1,700	1,800	5,850	4,750	4,850	1,800
Credit quality													
Gross impaired loans / Average net loans and acceptances	1.17%	1.36%	1.20%	1.41%	1.44%	1.54%	1.69%	1.03%	0.73%	1.17%	1.45%	1.44%	1.01%
Gross impaired loans on acquired credit impaired loans / Average net loans and acceptances	0.52%	0.64%	0.68%	0.83%	1.04%	1.11%	1.29%	-	-	0.52%	1.04%	0.85%	-
PCL on impaired loans / Average net loans and acceptances	0.04%	0.12%	0.10%	0.17%	0.11%	0.06%	0.04%	0.02%	0.01%	0.09%	0.07%	0.10%	0.26%
Net write-offs / Average net loans and acceptances	(0.02)%	0.01%	0.04%	0.07%	0.00%	(0.01)%	0.00%	0.14%	0.00%	0.01%	0.00%	0.02%	0.10%
Business information													
Assets under administration													
Canadian Wealth Management	343,600	349,800	336,500	326,600	318,100	303,200	296,600	297,400	299,600	343,600	318,100	326,600	297,400
U.S. Wealth Management (including City National) ³	412,300	427,100	395,000	394,200	389,600	362,600	389,500	356,800	362,300	412,300	389,600	394,200	356,800
International Wealth Management	118,000	154,300	147,500	154,500	142,500	145,100	166,500	169,500	190,800	118,000	142,500	154,500	169,500
Total	873,900	931,200	879,000	875,300	850,200	810,900	852,600	823,700	852,700	873,900	850,200	875,300	823,700
Assets under management													
Canadian Wealth Management	85,300	84,200	79,500	76,000	71,500	67,200	66,200	62,800	62,700	85,300	71,500	76,000	62,800
U.S. Wealth Management (including City National)	108,100	113,100	101,000	103,000	100,100	91,000	96,500	37,400	37,000	108,100	100,100	103,000	37,400
International Wealth Management	9,200	9,600	8,900	9,100	9,500	9,200	10,300	10,900	15,800	9,200	9,500	9,100	10,900
Global Asset Management ⁴	393,100	401,800	389,200	392,600	388,600	372,300	383,000	381,700	387,700	393,100	388,600	392,600	381,700
Total	595,700	608,700	578,600	580,700	569,700	539,700	556,000	492,800	503,200	595,700	569,700	580,700	492,800
Number of employees (full-time equivalent)	16,958	16,611	16,536	16,385	16,229	16,001	15,952	12,325	12,675	16,958	16,229	16,385	12,325
Other earnings measures													
Net income	486	431	430	396	388	386	303	255	285	1,347	1,077	1,473	1,041
Non-controlling interests	-	-	-	-	-	-	-	3	(1)	-	-	-	2
Add: After-tax effect of amortization of other intangibles ⁵	44	44	49	44	45	45	49	17	17	137	139	183	73
Adjusted net income	530	475	479	440	433	431	352	275	301	1,484	1,216	1,656	1,116
Less: Capital charge	304	300	303	309	310	302	308	139	140	907	920	1,229	551
Economic profit ⁶	226	175	176	131	123	129	44	136	161	577	296	427	565
(Millions of U.S. dollars)													
U.S. Wealth Management (including City National)													
Revenue	954	888	881	818	817	798	685	379	400	2,723	2,300	3,118	1,603
Assets under administration ³	330,500	312,900	303,500	293,900	298,500	288,900	278,100	272,900	277,000	330,500	298,500	293,900	272,900

¹ Gains/(losses) on investments in mutual funds used as economic hedges are included in revenue and related variability is included in market-linked compensation expense in our U.S. Wealth Accumulation Plan.

² This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50.

³ Amounts have been revised from those previously presented.

⁴ Excludes assets held by clients of Phillips, Hager & North Investment Management Ltd. for which we earn either a nominal or no management fee. In Q3/17, \$nil balances of these assets were excluded.

⁵ Q2/15 includes \$4 million related to the impairment of other intangibles.

⁶ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50.

INSURANCE (Millions of Canadian dollars, except percentage amounts)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Income Statement													
Net earned premiums ¹	1,081	879	749	698	764	837	876	933	843	2,709	2,477	3,175	3,507
Investment income ²	(120)	527	(353)	(51)	921	390	162	(343)	52	54	1,473	1,422	445
Fee income	48	42	101	176	133	124	121	127	126	191	378	554	484
Total revenue	1,009	1,448	497	823	1,818	1,351	1,159	717	1,021	2,954	4,328	5,151	4,436
Insurance policyholder benefits, claims and acquisition expense	643	1,090	183	397	1,210	988	829	292	656	1,916	3,027	3,424	2,963
Provision for credit losses (PCL)	-	-	-	1	-	-	-	-	-	-	-	1	-
Non-interest expense	147	140	140	154	151	157	160	158	153	427	468	622	613
Income taxes	58	52	40	43	93	29	39	42	39	150	161	204	154
Net income	161	166	134	228	364	177	131	225	173	461	672	900	706
Total revenue by business													
Canadian Insurance	473	978	20	295	1,437	894	747	295	603	1,471	3,078	3,373	2,725
International Insurance	536	470	477	528	381	457	412	422	418	1,483	1,250	1,778	1,711
Total	1,009	1,448	497	823	1,818	1,351	1,159	717	1,021	2,954	4,328	5,151	4,436
Financial ratios													
Return on equity (ROE) ³	37.0%	41.5%	33.7%	54.3%	75.7%	44.3%	32.4%	53.4%	43.6%	37.4%	52.3%	52.8%	44.3%
Average balances													
Total assets	14,700	13,900	14,000	14,200	14,500	14,500	14,400	14,000	13,800	14,200	14,400	14,400	13,700
Attributed capital	1,700	1,600	1,550	1,650	1,900	1,600	1,600	1,650	1,550	1,650	1,700	1,700	1,600
Risk capital	1,550	1,450	1,400	1,500	1,750	1,450	1,450	1,500	1,400	1,450	1,550	1,550	1,450
Additional information													
Premiums and deposits ^{1,4}	1,233	1,008	1,003	1,065	1,131	1,184	1,214	1,309	1,252	3,244	3,529	4,594	5,016
Canadian Insurance	718	511	473	508	596	661	659	775	672	1,702	1,916	2,424	2,725
International Insurance	515	497	530	557	535	523	555	534	580	1,542	1,613	2,170	2,291
Fair value changes on investments backing policyholder liabilities ⁵	(225)	369	(481)	(172)	543	225	37	(462)	(37)	(337)	805	633	(24)
PBCAE													
Insurance policyholder benefits and claims	573	1,021	130	349	1,158	933	768	237	610	1,724	2,859	3,208	2,741
Insurance policyholder acquisition expense	70	69	53	48	52	55	61	55	46	192	168	216	222
Insurance claims and policy benefit liabilities	9,331	9,262	8,785	9,164	9,305	8,644	8,319	9,110	9,395	9,331	9,305	9,164	9,110
Embedded value	6,925	6,820	6,761	6,886	6,757	6,894	6,865	6,952	6,927	6,925	6,757	6,886	6,952
Business information													
Assets under management	1,100	1,100	1,000	1,000	900	800	800	800	800	1,100	900	1,000	800
Number of employees (full-time equivalent)	2,716	2,663	2,676	2,657	2,734	3,186	3,167	3,163	3,195	2,716	2,734	2,657	3,163
Other earnings measures													
Net income	161	166	134	228	364	177	131	225	173	461	672	900	706
Non-controlling interests	-	-	-	-	-	-	-	-	-	-	-	-	-
Add: After-tax effect of amortization of other intangibles	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjusted net income	161	166	134	228	364	177	131	225	173	461	672	900	706
Less: Capital charge	39	35	35	39	46	38	37	40	36	109	121	160	148
Economic profit ⁶	122	131	99	189	318	139	94	185	137	352	551	740	558

¹ Premiums and deposits equals net earned premiums excluding the cost of premiums to other institutions for reinsurance coverage, plus segregated fund deposits.

² Investment income can experience volatility arising from fluctuation in the fair value through profit or loss (FVTPL) assets. The investments which support actuarial liabilities are predominantly fixed income assets designated as at FVTPL and consequently changes in fair values of these assets are recorded in Insurance premiums, investment and fee income in the consolidated statements of income. Changes in fair values of these assets are largely offset by changes in the fair value of the actuarial liabilities, the impact of which is reflected in insurance policyholder benefits and claims.

³ This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50.

⁴ Premiums and deposits include premiums on risk-based insurance and annuity products, and individual and group segregated fund deposits, consistent with insurance industry practices.

⁵ The revenue impact of the change in fair value on investments backing policyholder liabilities is reflected in Insurance premiums, investment and fee income and largely offset in PBCAE.

⁶ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50.

INVESTOR & TREASURY SERVICES (Millions of Canadian dollars, except percentage amounts)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Income Statement													
Net interest income	141	173	237	214	195	190	226	220	204	551	611	825	818
Non-interest income ¹	453	435	394	390	382	350	324	228	352	1,282	1,056	1,446	1,220
Total revenue	594	608	631	604	577	540	550	448	556	1,833	1,667	2,271	2,038
Provision for credit losses (PCL)	-	-	-	(3)	-	-	-	-	-	-	-	(3)	(1)
Non-interest expense	364	355	350	379	368	352	361	342	331	1,069	1,081	1,460	1,301
Income taxes	52	60	67	54	52	49	46	18	58	179	147	201	182
Net income	178	193	214	174	157	139	143	88	167	585	439	613	556
Financial ratios													
Return on equity (ROE) ²	21.9%	24.6%	25.1%	21.0%	18.2%	16.5%	15.9%	10.9%	24.5%	23.9%	16.9%	17.9%	20.3%
Average balances													
Total assets	138,700	133,100	141,800	142,400	143,200	144,800	139,700	135,400	125,300	137,900	142,600	142,500	125,300
Trading securities	37,200	38,000	43,100	46,400	46,400	47,100	51,500	52,000	47,800	39,500	48,300	47,800	48,800
Loans and acceptances	2,200	2,000	1,900	1,700	1,800	1,700	1,800	1,800	1,900	2,000	1,800	1,700	1,900
Deposits	132,000	127,900	128,500	124,400	123,200	138,100	151,700	149,500	144,200	129,500	137,700	134,300	139,600
Client deposits	55,600	52,900	52,500	50,900	53,000	53,900	53,600	56,500	52,000	53,700	53,500	52,800	50,400
Wholesale funding deposits	76,400	75,000	76,000	73,500	70,200	84,200	98,100	93,000	92,200	75,800	84,200	81,500	89,200
Attributed capital	3,150	3,150	3,300	3,200	3,350	3,350	3,450	3,100	2,650	3,200	3,400	3,350	2,700
Risk capital	2,650	2,650	2,850	2,750	2,850	2,850	2,950	2,600	2,150	2,700	2,900	2,850	2,200
Business information													
Assets under administration	4,251,300	4,111,400	3,797,000	3,929,400	3,724,300	3,617,700	3,807,300	3,620,300	3,990,900	4,251,300	3,724,300	3,929,400	3,620,300
Number of employees (full-time equivalent)	4,783	4,751	4,781	4,776	4,958	4,926	4,914	4,774	4,947	4,783	4,958	4,776	4,774
Other earnings measures													
Net income (loss)	178	193	214	174	157	139	143	88	167	585	439	613	556
Non-controlling interests	-	(1)	-	-	(1)	-	-	-	-	(1)	(1)	(1)	(1)
Add: After-tax effect of amortization of other intangibles and goodwill impairment	3	4	4	4	5	4	3	5	5	11	12	16	21
Adjusted net income	181	196	218	178	161	143	146	93	172	595	450	628	576
Less: Capital charge	70	69	75	77	80	77	82	73	63	214	239	316	251
Economic profit (loss) ³	111	127	143	101	81	66	64	20	109	381	211	312	325

¹ In Q3/15, the reporting period for Investor Services was aligned to that of RBC, which resulted in an additional month of earnings. The net impact of the additional month was recorded in revenue (\$42 million before-tax, \$28 million after-tax).

² This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50.

³ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50.

CAPITAL MARKETS (Millions of Canadian dollars, except percentage amounts)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017	2016	2016	2015
										9 months	9 months		
Income Statement													
Net interest income (teb)	845	922	947	857	892	993	1,062	1,098	1,016	2,714	2,947	3,804	3,970
Non-interest income (teb) ¹	1,195	1,195	1,124	1,036	1,195	997	918	639	1,030	3,514	3,110	4,146	4,093
Total revenue (teb)	2,040	2,117	2,071	1,893	2,087	1,990	1,980	1,737	2,046	6,228	6,057	7,950	8,063
Provision for credit losses (PCL)	44	24	32	51	33	123	120	36	15	100	276	327	71
Non-interest expense	1,199	1,173	1,125	1,151	1,160	1,080	1,075	1,072	1,187	3,497	3,315	4,466	4,696
Income taxes	186	252	252	209	259	204	215	74	299	690	678	887	977
Net income	611	668	662	482	635	583	570	555	545	1,941	1,788	2,270	2,319
Total revenue by business													
Corporate and Investment Banking	995	1,020	936	976	956	892	870	847	1,006	2,951	2,718	3,694	3,697
Global Markets	1,134	1,162	1,194	978	1,148	1,125	1,110	935	1,070	3,490	3,383	4,361	4,477
Other	(89)	(65)	(59)	(61)	(17)	(27)	-	(45)	(30)	(213)	(44)	(105)	(111)
Total	2,040	2,117	2,071	1,893	2,087	1,990	1,980	1,737	2,046	6,228	6,057	7,950	8,063
Financial ratios													
Return on equity (ROE) ²	11.9 %	14.2 %	13.3 %	10.4 %	14.2 %	12.1 %	12.3 %	12.3 %	12.9 %	13.1 %	12.8 %	12.2 %	13.6 %
Total compensation to revenue ³	38.0 %	35.4 %	35.6 %	36.1 %	34.6 %	34.3 %	34.9 %	33.3 %	36.9 %	37.5 %	34.6 %	34.9 %	37.2 %
Average balances													
Total assets	494,000	499,600	493,600	496,700	514,500	502,600	518,800	500,200	465,200	495,700	512,000	508,200	477,300
Trading securities	86,800	95,000	98,900	105,300	104,600	100,700	108,900	111,900	116,100	93,500	104,800	104,900	116,200
Loans and acceptances	83,100	83,600	83,800	85,500	87,400	89,600	89,700	85,900	81,300	83,500	88,900	88,100	79,700
Deposits	59,500	59,900	58,700	59,200	61,600	62,200	63,100	63,200	62,700	59,400	62,300	61,500	60,300
Attributed capital	19,550	18,700	19,100	17,600	17,200	18,850	17,900	17,350	16,300	19,150	18,000	17,900	16,550
Risk capital	18,200	17,650	18,000	16,500	16,100	17,800	16,800	16,250	15,250	17,950	16,900	16,800	15,500
Credit quality													
Gross impaired loans / Average net loans and acceptances	0.94 %	1.18 %	1.66 %	1.78 %	1.53 %	1.38 %	0.52 %	0.34 %	0.40 %	0.94 %	1.51 %	1.73 %	0.37 %
PCL on impaired loans / Average net loans and acceptances	0.21 %	0.12 %	0.15 %	0.24 %	0.15 %	0.56 %	0.53 %	0.17 %	0.07 %	0.16 %	0.41 %	0.37 %	0.09 %
Net write-offs / Average net loans and acceptances	0.06 %	0.12 %	(0.08)%	0.01 %	0.50 %	0.00 %	0.16 %	0.12 %	(0.01)%	0.03 %	0.22 %	0.17 %	0.03 %
Business information													
Assets under administration	12,300	13,800	13,600	14,600	13,900	13,400	16,100	15,600	15,700	12,300	13,900	14,600	15,600
Number of employees (full-time equivalent)	4,188	3,758	3,817	3,883	4,132	3,824	3,948	3,996	4,225	4,188	4,132	3,883	3,996
Other earnings measures													
Net income	611	668	662	482	635	583	570	555	545	1,941	1,788	2,270	2,319
Non-controlling interests	-	-	-	-	-	-	-	-	-	-	-	-	-
Add: After-tax effect of amortization of other intangibles	-	-	-	(1)	1	-	-	(1)	1	-	1	-	-
Adjusted net income	611	668	662	481	636	583	570	554	546	1,941	1,789	2,270	2,319
Less: Capital charge	441	410	432	419	412	441	422	410	386	1,283	1,275	1,694	1,550
Economic profit (loss) ⁴	170	258	230	62	224	142	148	144	160	658	514	576	769

¹ Non-interest income is adjusted for teb commencing Q2/16.

² This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50.

³ Total compensation to revenue ratio is calculated as total human resources non-interest expense / total revenue (teb) for Front Office personnel and for functional support teams (Technology, Operations, and Functions). Total human resources non-interest expense includes salary, benefits, stock based compensation, severance, retention costs, and variable compensation.

⁴ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50.

CORPORATE SUPPORT (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Income Statement													
Net interest income (teb)	(28)	(40)	(50)	(48)	(58)	(151)	(133)	(205)	(109)	(118)	(342)	(390)	(514)
Non-interest income (teb) ¹	(44)	-	(64)	(78)	(139)	(18)	33	20	(20)	(108)	(124)	(202)	210
Total revenue (teb)	(72)	(40)	(114)	(126)	(197)	(169)	(100)	(185)	(129)	(226)	(466)	(592)	(304)
Provision for (recovery of) credit losses (PCL)	(3)	1	-	(1)	-	51	1	(2)	(2)	(2)	52	51	(3)
Non-interest expense	92	62	22	(2)	8	14	10	41	14	176	32	30	125
Income taxes	(122)	(94)	(131)	(111)	(234)	(225)	(121)	(424)	(165)	(347)	(580)	(691)	(824)
Net income (loss)	(39)	(9)	(5)	(12)	29	(9)	10	200	24	(53)	30	18	398
Additional information													
teb adjustment	(107)	(97)	(119)	(115)	(267)	(203)	(151)	(213)	(133)	(323)	(621)	(736)	(570)
Average balances													
Total assets	31,300	28,100	28,200	25,200	24,100	24,200	23,900	23,200	21,700	29,300	24,100	24,300	21,300
Attributed capital	7,400	8,100	7,950	9,300	8,050	7,000	6,750	10,800	9,600	7,750	7,250	7,750	9,050
Other earnings measures													
Net income (loss)	(39)	(9)	(5)	(12)	29	(9)	10	200	24	(53)	30	18	398
Non-controlling interests	(9)	(8)	(9)	(9)	(7)	(9)	(19)	(25)	(24)	(26)	(35)	(44)	(94)
Add: After-tax effect of amortization of other intangibles	-	-	-	3	(4)	1	1	2	-	-	(2)	1	1
Adjusted net (loss) income	(48)	(17)	(14)	(18)	18	(17)	(8)	177	-	(79)	(7)	(25)	305
Less: Capital charge	167	177	178	221	194	164	159	253	227	522	517	738	852
Economic profit (loss) ²	(215)	(194)	(192)	(239)	(176)	(181)	(167)	(76)	(227)	(601)	(524)	(763)	(547)

¹ Non-interest income is adjusted for teb commencing Q2/16.

² This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50.

BALANCE SHEETS (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2016	2015
Period-end balances											
ASSETS											
Cash and due from banks	24,302	30,518	25,363	14,929	19,501	14,845	17,050	12,452	19,976	14,929	12,452
Interest-bearing deposits with banks	36,098	25,875	22,380	27,851	22,008	29,229	24,636	22,690	10,731	27,851	22,690
Securities											
Trading	128,740	132,370	142,192	151,292	157,446	151,952	161,442	158,703	172,370	151,292	158,703
Available-for-sale	85,430	87,035	82,635	84,801	76,552	72,419	72,269	56,805	63,145	84,801	56,805
	214,170	219,405	224,827	236,093	233,998	224,371	233,711	215,508	235,515	236,093	215,508
Assets purchased under reverse repurchase agreements and securities borrowed	208,669	216,931	197,285	186,302	200,430	184,825	196,295	174,723	172,659	186,302	174,723
Loans											
Retail	379,869	374,168	370,161	369,470	364,476	359,863	360,763	348,183	343,463	369,470	348,183
Wholesale	156,401	160,352	154,088	154,369	153,521	150,602	157,592	126,069	121,214	154,369	126,069
	536,270	534,520	524,249	523,839	517,997	510,465	518,355	474,252	464,677	523,839	474,252
Allowance for loan losses	(2,236)	(2,258)	(2,239)	(2,235)	(2,177)	(2,271)	(2,169)	(2,029)	(2,078)	(2,235)	(2,029)
	534,034	532,262	522,010	521,604	515,820	508,194	516,186	472,223	462,599	521,604	472,223
Segregated fund net assets	1,077	1,096	1,021	981	933	882	839	830	821	981	830
Other											
Customers' liability under acceptances	15,246	14,499	13,959	12,843	13,152	13,844	12,882	13,453	12,761	12,843	13,453
Derivatives	105,833	100,763	97,419	118,944	130,462	115,298	132,560	105,626	112,459	118,944	105,626
Premises and equipment, net	2,646	2,754	2,746	2,836	2,872	2,970	3,084	2,728	2,667	2,836	2,728
Goodwill	10,733	11,352	10,967	11,156	11,254	11,200	12,016	9,289	9,322	11,156	9,289
Other intangibles	4,421	4,640	4,537	4,648	4,605	4,526	4,872	2,814	2,810	4,648	2,814
Other assets	43,818	42,824	39,252	42,071	43,840	40,173	46,221	41,872	42,853	42,071	41,872
Total Assets	1,201,047	1,202,919	1,161,766	1,180,258	1,198,875	1,150,357	1,200,352	1,074,208	1,085,173	1,180,258	1,074,208
LIABILITIES AND EQUITY											
Deposits											
Personal	254,559	259,319	253,106	250,550	250,128	243,882	239,190	220,566	218,629	250,550	220,566
Business and government	501,282	498,231	481,577	488,007	480,896	479,821	510,231	455,578	449,397	488,007	455,578
Bank	22,777	28,033	22,829	19,032	23,391	17,751	20,147	21,083	26,210	19,032	21,083
	778,618	785,583	757,512	757,589	754,415	741,454	769,568	697,227	694,236	757,589	697,227
Segregated fund net liabilities	1,077	1,096	1,021	981	933	882	839	830	821	981	830
Other											
Acceptances	15,246	14,499	13,959	12,843	13,152	13,844	12,882	13,453	12,761	12,843	13,453
Obligations related to securities sold short	40,512	37,331	37,969	50,369	46,679	47,121	51,931	47,658	55,656	50,369	47,658
Obligations related to assets sold under repurchase agreements and securities loaned	121,980	127,955	123,474	103,441	118,283	96,574	99,310	83,288	83,236	103,441	83,288
Derivatives	104,203	99,031	95,646	116,550	128,533	116,479	132,023	107,860	116,083	116,550	107,860
Insurance claims and policy benefit liabilities	9,331	9,262	8,785	9,164	9,305	8,644	8,319	9,110	9,395	9,164	9,110
Other liabilities	48,019	45,348	41,762	47,947	47,974	47,669	45,738	43,476	43,713	47,947	43,476
Subordinated debentures	9,200	9,646	9,487	9,762	9,765	9,564	9,854	7,362	7,374	9,762	7,362
	1,128,186	1,129,751	1,089,615	1,108,646	1,129,039	1,082,231	1,130,464	1,010,264	1,023,275	1,108,646	1,010,264
Equity attributable to shareholders											
Preferred shares	6,713	6,712	6,713	6,713	6,712	6,713	6,204	5,098	4,950	6,713	5,098
Common shares	17,871	17,707	17,865	17,859	17,775	17,796	17,862	14,611	14,598	17,859	14,611
Retained earnings	44,479	42,538	42,996	41,519	40,424	39,590	38,856	37,811	35,795	41,519	37,811
Other components of equity	3,211	5,613	3,992	4,926	4,342	3,439	6,393	4,626	4,760	4,926	4,626
	72,274	72,570	71,566	71,017	69,253	67,538	69,315	62,146	60,103	71,017	62,146
Non-controlling interests	587	598	585	595	583	588	573	1,798	1,795	595	1,798
	72,861	73,168	72,151	71,612	69,836	68,126	69,888	63,944	61,898	71,612	63,944
Total Liabilities and Equity	1,201,047	1,202,919	1,161,766	1,180,258	1,198,875	1,150,357	1,200,352	1,074,208	1,085,173	1,180,258	1,074,208

SELECTED AVERAGE BALANCE SHEET ITEMS ¹ (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Securities	217,500	225,300	234,700	239,300	234,200	225,300	240,200	233,600	227,800	225,800	233,300	234,800	226,400
Assets purchased under reverse repurchase agreements and securities borrowed	208,800	209,500	197,200	190,300	191,300	191,800	191,500	173,000	170,300	205,100	191,600	191,200	165,600
Total loans ²	532,800	526,400	522,200	519,100	514,200	510,700	511,900	468,400	456,900	527,200	512,300	514,000	454,200
Retail ²	376,700	371,900	370,800	367,300	363,200	359,500	360,700	346,400	340,400	373,200	361,100	362,700	340,000
Wholesale ²	158,300	156,700	153,700	153,900	153,300	153,400	153,300	124,000	118,600	156,200	153,300	153,500	116,300
Customers' liability under acceptances	14,900	14,100	13,400	12,800	13,400	13,500	13,300	13,000	12,800	14,100	13,400	13,200	12,400
Average earning assets	1,000,200	997,700	990,500	981,900	973,400	960,900	976,300	900,700	874,700	996,100	970,200	973,200	864,800
Derivatives	99,000	94,900	107,600	113,400	129,900	122,900	120,400	118,600	89,400	100,600	124,400	121,600	110,800
Total assets	1,188,800	1,181,000	1,180,800	1,175,400	1,184,300	1,166,500	1,179,300	1,096,100	1,043,900	1,183,600	1,176,800	1,176,400	1,052,800
Deposits	770,000	766,800	762,400	751,500	743,000	743,700	760,200	698,500	674,500	766,400	749,000	749,600	667,400
Common equity	65,750	64,800	64,650	63,100	61,800	62,400	61,450	55,800	52,600	65,050	61,900	62,200	52,300
Total equity	73,100	72,100	71,900	70,400	69,100	69,500	68,700	62,600	59,200	72,400	69,100	69,400	58,600

ASSETS UNDER ADMINISTRATION AND MANAGEMENT ³ (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Assets under administration ⁴													
Institutional	4,387,700	4,258,600	3,937,200	4,077,300	3,859,800	3,757,200	3,957,000	3,776,100	4,155,800	4,387,700	3,859,800	4,077,300	3,776,100
Personal	854,000	882,000	833,100	819,500	804,700	759,900	788,800	754,300	778,900	854,000	804,700	819,500	754,300
Retail mutual funds	148,300	173,900	164,300	162,100	159,200	152,900	152,200	152,700	152,500	148,300	159,200	162,100	152,700
Total assets under administration	5,390,000	5,314,500	4,934,600	5,058,900	4,823,700	4,670,000	4,898,000	4,683,100	5,087,200	5,390,000	4,823,700	5,058,900	4,683,100
Assets under management													
Institutional	204,100	212,800	210,800	218,000	201,600	194,800	212,400	193,500	197,100	204,100	201,600	218,000	193,500
Personal	200,900	201,200	184,900	182,900	175,800	162,900	163,800	132,100	136,300	200,900	175,800	182,900	132,100
Retail mutual funds	196,200	200,600	188,400	185,400	197,600	187,200	185,300	172,800	175,300	196,200	197,600	185,400	172,800
Total assets under management	601,200	614,600	584,100	586,300	575,000	544,900	561,500	498,400	508,700	601,200	575,000	586,300	498,400

STATEMENTS OF COMPREHENSIVE INCOME (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Net income	2,796	2,809	3,027	2,543	2,895	2,573	2,447	2,593	2,475	8,632	7,915	10,458	10,026
Other comprehensive income (loss), net of taxes													
Items that will be reclassified subsequently to income:													
Net change in unrealized gains (losses) on available-for-sale securities													
Net unrealized gains (losses) on available-for-sale securities	67	128	(129)	(92)	96	50	19	(176)	14	66	165	73	(76)
Reclassification of net losses (gains) on available-for-sale securities to income	(27)	(37)	(12)	-	5	(18)	(35)	(12)	(9)	(76)	(48)	(48)	(41)
	40	91	(141)	(92)	101	32	(16)	(188)	5	(10)	117	25	(117)
Foreign currency translation adjustments													
Unrealized foreign currency translation gains (losses)	(4,405)	2,595	(1,462)	979	1,301	(5,152)	3,019	(97)	3,542	(3,272)	(832)	147	5,885
Net foreign currency translation gains (losses) from hedging activities	1,538	(1,005)	543	(305)	(426)	2,016	(1,172)	57	(1,771)	1,076	418	113	(3,223)
Reclassification of losses (gains) on foreign currency translation to income	-	-	(10)	-	-	-	-	(42)	(4)	(10)	-	-	(224)
Reclassification of losses (gains) on net investment hedging activities to income	-	-	-	-	-	-	-	42	-	-	-	-	111
	(2,867)	1,590	(929)	674	875	(3,136)	1,847	(40)	1,767	(2,206)	(414)	260	2,549
Net change in cash flow hedges													
Net gains (losses) on derivatives designated as cash flow hedges	585	(86)	96	(56)	(120)	230	(89)	41	(236)	595	21	(35)	(541)
Reclassification of losses (gains) on derivatives designated as cash flow hedges to income	(167)	31	37	60	50	(88)	30	54	46	(99)	(8)	52	330
	418	(55)	133	4	(70)	142	(59)	95	(190)	496	13	17	(211)
Items that will not be reclassified subsequently to income:													
Remeasurements of employee benefit plans	510	(275)	597	25	(432)	(216)	(454)	456	203	832	(1,102)	(1,077)	582
Net fair value change due to credit risk on financial liabilities designated as at fair value through profit or loss	(20)	(212)	(33)	(90)	(87)	(265)	120	189	165	(265)	(232)	(322)	350
	490	(487)	564	(65)	(519)	(481)	(334)	645	368	567	(1,334)	(1,399)	932
Total other comprehensive income (loss), net of taxes	(1,919)	1,139	(373)	521	387	(3,443)	1,438	512	1,950	(1,153)	(1,618)	(1,097)	3,153
Total comprehensive income (loss)	877	3,948	2,654	3,064	3,282	(870)	3,885	3,105	4,425	7,479	6,297	9,361	13,179
Total comprehensive income (loss) attributable to:													
Shareholders	871	3,935	2,645	3,052	3,270	(875)	3,859	3,080	4,392	7,451	6,254	9,306	13,065
Non-controlling interests	6	13	9	12	12	5	26	25	33	28	43	55	114
	877	3,948	2,654	3,064	3,282	(870)	3,885	3,105	4,425	7,479	6,297	9,361	13,179

¹ Calculated using methods intended to approximate the average of the daily balances for the period, as applicable.

² Average total loans are reported net of allowance for loan losses. Average retail and wholesale balances are reported on a gross basis (before deducting allowance for loan losses).

³ To be read in conjunction with the Segment pages.

⁴ Amounts have been revised from those previously presented.

STATEMENTS OF CHANGES IN EQUITY (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017	2016	2016	2015
										9 months	9 months		
Preferred shares													
Balance at beginning of period	6,713	6,713	6,713	6,713	6,713	6,205	5,100	4,950	4,650	6,713	5,100	5,100	4,075
Issued	-	-	-	-	-	750	1,105	150	300	-	1,855	1,855	1,350
Redeemed	-	-	-	-	-	-	-	-	-	-	-	-	(325)
Purchased for cancellation	-	-	-	-	-	(242)	-	-	-	-	(242)	(242)	-
Balance at end of period	6,713	6,713	6,713	6,713	6,713	6,713	6,205	5,100	4,950	6,713	6,713	6,713	5,100
Common shares													
Balance at beginning of period	17,717	17,898	17,939	17,876	17,883	17,774	14,573	14,561	14,556	17,939	14,573	14,573	14,511
Issued	42	50	96	74	38	109	3,201	12	5	188	3,348	3,422	62
Purchased for cancellation	-	(231)	(137)	(11)	(45)	-	-	-	-	(368)	(45)	(56)	-
Balance at end of period	17,759	17,717	17,898	17,939	17,876	17,883	17,774	14,573	14,561	17,759	17,876	17,939	14,573
Treasury shares - preferred													
Balance at beginning of period	(1)	-	-	(1)	-	(1)	(2)	-	2	-	(2)	(2)	-
Sales	38	23	21	28	40	64	40	20	26	82	144	172	117
Purchases	(37)	(24)	(21)	(27)	(41)	(63)	(39)	(22)	(28)	(82)	(143)	(170)	(119)
Balance at end of period	-	(1)	-	-	(1)	-	(1)	(2)	-	-	(1)	-	(2)
Treasury shares - common													
Balance at beginning of period	(10)	(33)	(80)	(101)	(87)	88	38	37	(104)	(80)	38	38	71
Sales	1,099	1,124	1,191	1,056	1,503	1,425	989	935	1,495	3,414	3,917	4,973	6,098
Purchases	(977)	(1,101)	(1,144)	(1,035)	(1,517)	(1,600)	(939)	(934)	(1,354)	(3,222)	(4,056)	(5,091)	(6,131)
Balance at end of period	112	(10)	(33)	(80)	(101)	(87)	88	38	37	112	(101)	(80)	38
Retained earnings													
Balance at beginning of period	42,538	42,996	41,519	40,424	39,590	38,856	37,811	35,795	34,142	41,519	37,811	37,811	31,615
Net income attributable to shareholders	2,783	2,801	3,015	2,533	2,886	2,560	2,426	2,569	2,449	8,599	7,872	10,405	9,925
Other comprehensive income	490	(487)	564	(65)	(519)	(481)	(334)	645	368	567	(1,334)	(1,399)	932
Preferred share dividends	(76)	(77)	(75)	(75)	(85)	(74)	(60)	(54)	(50)	(228)	(219)	(294)	(191)
Common share dividends	(1,269)	(1,271)	(1,232)	(1,234)	(1,202)	(1,206)	(1,175)	(1,141)	(1,110)	(3,772)	(3,583)	(4,817)	(4,443)
Premium paid on common shares purchased for cancellation	-	(1,406)	(814)	(59)	(247)	-	-	-	-	(2,220)	(247)	(306)	-
Premium paid on preferred shares purchased for cancellation	-	-	-	-	-	(22)	-	-	-	-	(22)	(22)	-
Share-based compensation awards	(6)	(13)	(12)	(12)	(10)	(26)	(6)	(1)	-	(31)	(42)	(54)	(1)
Issuance costs	-	(1)	-	-	-	(9)	(7)	(3)	(5)	(1)	(16)	(16)	(21)
Other	19	(4)	31	7	11	(8)	201	1	1	46	204	211	(5)
Balance at end of period	44,479	42,538	42,996	41,519	40,424	39,590	38,856	37,811	35,795	44,479	40,424	41,519	37,811
Other components of equity													
Unrealized gains and losses on available-for-sale securities	330	290	199	340	432	331	299	315	503	330	432	340	315
Unrealized foreign currency translation gains and losses, net of hedging activities	2,484	5,344	3,759	4,685	4,013	3,141	6,269	4,427	4,468	2,484	4,013	4,685	4,427
Gains and losses on derivatives designated as cash flow hedges	397	(21)	34	(99)	(103)	(33)	(175)	(116)	(211)	397	(103)	(99)	(116)
Balance at end of period	3,211	5,613	3,992	4,926	4,342	3,439	6,393	4,626	4,760	3,211	4,342	4,926	4,626
Total retained earnings and other components of equity	47,690	48,151	46,988	46,445	44,766	43,029	45,249	42,437	40,555	47,690	44,766	46,445	42,437
	72,274	72,570	71,566	71,017	69,253	67,538	69,315	62,146	60,103	72,274	69,253	71,017	62,146
Non-controlling interests													
Balance at beginning of period	598	585	595	583	588	573	1,798	1,795	1,816	595	1,798	1,798	1,813
Dividends	(17)	-	(17)	-	(17)	-	(46)	-	(46)	(34)	(63)	(63)	(92)
Net income attributable to Non-controlling interests	13	8	12	10	9	13	21	24	26	33	43	53	101
Foreign currency translation adjustments	(7)	5	(3)	2	3	(8)	5	1	7	(5)	-	2	13
Redemption of trust capital securities	-	-	-	-	-	-	(1,200)	-	-	-	(1,200)	(1,200)	-
Other	-	-	(2)	-	-	10	(5)	(22)	(8)	(2)	5	5	(37)
Balance at end of period	587	598	585	595	583	588	573	1,798	1,795	587	583	595	1,798
Total equity	72,861	73,168	72,151	71,612	69,836	68,126	69,888	63,944	61,898	72,861	69,836	71,612	63,944

SECURITIZATION OF OUR FINANCIAL ASSETS (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Credit card loans ¹													
Opening balance	10,314	8,978	10,420	10,094	11,379	10,839	8,314	9,048	9,847	10,420	8,314	8,314	8,340
Securitized	-	3,003	-	987	-	1,084	2,525	-	1,185	3,003	3,609	4,596	2,692
Reversal of prior securitizations	(1,725)	(1,667)	(1,442)	(661)	(1,285)	(544)	-	(734)	(1,984)	(4,834)	(1,829)	(2,490)	(2,718)
Closing balance	8,589	10,314	8,978	10,420	10,094	11,379	10,839	8,314	9,048	8,589	10,094	10,420	8,314
Commercial mortgages ¹													
Opening balance	1,060	1,180	1,297	1,115	852	977	1,080	1,268	1,202	1,297	1,080	1,080	1,330
Securitized	-	-	-	278	401	-	-	-	195	-	401	679	195
Amortization	(93)	(120)	(117)	(96)	(138)	(125)	(103)	(188)	(129)	(330)	(366)	(462)	(445)
Closing balance	967	1,060	1,180	1,297	1,115	852	977	1,080	1,268	967	1,115	1,297	1,080
Bond participation certificates - sold													
Opening balance	68	75	81	94	99	140	138	326	307	81	138	138	356
Sold	-	-	-	-	-	-	-	-	-	-	-	-	-
Other ²	(10)	(7)	(6)	(13)	(5)	(41)	2	(188)	19	(23)	(44)	(57)	(218)
Closing balance	58	68	75	81	94	99	140	138	326	58	94	81	138
Total exposures securitized	9,614	11,442	10,233	11,798	11,303	12,330	11,956	9,532	10,642	9,614	11,303	11,798	9,532

¹ Amounts include assets that we have securitized but continue to service.

² Other primarily relates to foreign exchange translation gains and losses. For bond participation certificates, maturity of bonds is also included in this category.

SECURITIZATION SUBJECT TO EARLY AMORTIZATION SELLER'S INTEREST (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15
Our financial assets ¹									
Credit cards									
Total drawn	3,187	1,440	2,680	1,853	1,959	1,361	1,523	1,563	1,173
Capital charges drawn	132	61	115	80	84	60	67	67	45
Capital charges undrawn	126	84	159	106	111	79	87	93	71
Credit card loans securitized									
Past due ²	67	78	81	75	79	84	81	61	60
Net write-offs	52	56	51	56	63	64	51	40	41

OFF-BALANCE SHEET ARRANGEMENTS OUTSTANDING SECURITIZED ASSETS (Millions of Canadian dollars, except percentage amounts)	Q3/17			Q2/17			Q1/17			Q4/16		
	Securitized exposures ³	Annualized average net loss rate ^{4,5}	Average coverage multiple of average net losses ^{4,5}	Securitized exposures ³	Annualized average net loss rate ^{4,5}	Average coverage multiple of average net losses ^{4,5}	Securitized exposures ³	Annualized average net loss rate ^{4,5}	Average coverage multiple of average net losses ^{4,5}	Securitized exposures ³	Annualized average net loss rate ^{4,5}	Average coverage multiple of average net losses ^{4,5}
Asset-backed securities	359	-	-	394	-	-	379	0.00%	-	733	0.00%	-
Auto loans and leases	16,794	0.33%	81	17,189	0.34%	81	15,531	0.30%	95	15,371	0.31%	95
Consumer loans ⁵	1,676	2.46%	13	1,927	2.32%	12	1,997	1.78%	15	1,972	1.45%	18
Credit cards	7,071	3.99%	12	8,018	3.77%	13	7,762	3.72%	13	7,292	3.83%	13
Dealer floor plan receivables	2,071	0.21%	>100	2,176	0.24%	>100	2,117	0.16%	>100	1,923	0.16%	>100
Equipment receivables	1,749	0.44%	51	1,915	0.60%	41	1,825	0.48%	44	1,916	0.41%	47
Fleet finance receivables	1,276	0.06%	>100	1,456	0.03%	>100	1,418	0.04%	>100	1,532	0.02%	>100
Insurance premiums	163	0.21%	>100	163	0.21%	>100	163	0.36%	63	163	0.33%	59
Residential mortgages	1,377	-	-	1,122	-	-	1,122	-	-	1,122	-	-
Student loans	2,454	0.90%	>100	2,990	0.86%	>100	2,920	0.83%	>100	3,154	0.80%	>100
Trade receivables	2,687	0.12%	>100	2,940	0.29%	83	2,921	0.09%	>100	2,736	0.09%	>100
Transportation finance	1,959	-	-	2,314	-	-	1,505	-	-	1,549	-	-
Total off-balance sheet arrangements outstanding securitized assets	39,636			42,604			39,660			39,463		

¹ Amounts reported are based on regulatory securitization reporting requirements as it includes our credit card loans. It excludes our Canadian residential mortgages under the National Housing Act MBS (NHA MBS) program, which also encompasses our Canadian social housing mortgages. These amounts differ from, and are not directly comparable to amounts reported in our Q3 2017 Report to Shareholders due to the differences between IFRS accounting and regulatory consolidation.

² Amounts represent credit card loans securitized greater than 90 days past due.

³ Comprised of multi-seller asset-backed commercial paper conduit programs. The outstanding securitized assets reflect our maximum exposure to loss for liquidity and credit facilities only, and excludes derivative transactions with RBC. Of the outstanding securitized assets, 100% of these are internally rated as investment grade.

⁴ Average annual net loss rates reflect impaired/past due assets. In our conduit programs, our risk of loss is significantly reduced due to the presence of first loss credit protection provided by the sellers of the financial assets. This protection provides an average coverage multiple as disclosed above, representing the number of times the credit enhancement provided by others, would cover losses. Refer to our 2016 Annual Report for a detailed discussion on credit protection and other factors, including additional credit enhancements which reduce our risk of loss.

⁵ Amounts are reported on a two-month lag.

SECURITIZATION AND RESECURITIZATION EXPOSURES RETAINED OR PURCHASED ^{1, 2, 3} (Millions of Canadian dollars)	Q3/17		Q2/17		Q1/17		Q4/16	
	Banking book	Trading book	Banking book	Trading book	Banking book	Trading book	Banking book	Trading book
Securitization exposures retained or purchased								
Asset-backed securities	4,396	471	4,379	352	3,719	504	3,591	1,443
Auto loans and leases	17,155	295	18,325	253	16,722	153	16,711	191
Commercial mortgages	229	1,041	-	745	-	826	-	585
Consumer loans	3,388	-	3,221	-	3,597	-	3,746	-
Credit cards	10,858	95	12,010	61	12,593	117	12,579	102
Dealer floor plan receivables	2,076	-	2,183	-	2,119	-	1,913	-
Equipment receivables	2,150	11	2,314	7	2,225	4	2,315	-
Residential mortgages	4,779	1,400	4,452	1,487	4,289	1,693	4,303	1,068
Student loans	6,092	3	7,237	11	7,569	3	8,371	17
Trade receivables	2,432	-	2,668	-	2,717	-	2,529	-
Other	3,923	231	4,744	281	3,718	155	3,867	123
Total securitization and resecuritization exposures retained or purchased	57,478	3,547	61,533	3,197	59,268	3,455	59,925	3,529

SECURITIZATION AND RESECURITIZATION EXPOSURES RETAINED OR PURCHASED ^{1, 2, 3, 4} (Millions of Canadian dollars)	Q3/17						Q3/17			
	Banking book			Internal assessment approach			Trading book			
	Standardized approach		Rating based approach		Total		Standardized approach			
	Exposure	Capital charges	Exposure	Capital charges	Exposure	Capital charges	Exposure	Capital charges		
≤ 10%	-	-	5,329	31	34,741	206	40,070	237	2,529	14
> 10% ≤ 20%	4,884	74	1,692	22	6,925	70	13,501	166	882	13
> 20% ≤ 50%	342	10	267	9	468	15	1,077	34	37	1
> 50% ≤ 100%	31	2	24	2	1,596	83	1,651	87	25	2
> 100% ≤ 650%	1,126	97	-	-	-	-	1,126	97	54	23
> 650% < 1250%	-	-	-	-	-	-	-	-	-	-
1250%	-	-	53	53	-	-	53	53	20	20
Total securitization and resecuritization exposures retained or purchased	6,383	183	7,365	117	43,730	374	57,478	674	3,547	73

SECURITIZATION AND RESECURITIZATION EXPOSURES RETAINED OR PURCHASED ^{1, 2, 3, 4} (Millions of Canadian dollars)	Q2/17		Q2/17		Q1/17		Q1/17		Q4/16		Q4/16	
	Banking book		Trading book		Banking book		Trading book		Banking book		Trading book	
	Exposure	Capital charges	Exposure	Capital charges	Exposure	Capital charges	Exposure	Capital charges	Exposure	Capital charges	Exposure	Capital charges
≤ 10%	42,018	248	2,497	14	39,932	235	2,922	16	37,905	223	3,013	20
> 10% ≤ 20%	15,470	189	549	8	15,547	188	412	6	17,915	216	404	5
> 20% ≤ 50%	808	26	11	-	460	15	19	1	760	20	42	1
> 50% ≤ 100%	1,870	98	24	2	2,025	106	35	3	1,974	103	21	1
> 100% ≤ 650%	1,301	111	90	41	1,240	108	44	17	1,277	111	16	6
> 650% < 1250%	-	-	-	-	-	-	-	-	-	-	-	-
1250%	66	66	26	26	64	64	22	22	94	94	33	33
Total securitization and resecuritization exposures retained or purchased	61,533	738	3,197	91	59,268	716	3,454	65	59,925	767	3,529	66

RESECURITIZATION EXPOSURES RETAINED OR PURCHASED ^{1, 2, 3} (Millions of Canadian dollars)	Q3/17		Q2/17		Q1/17		Q4/16	
	Banking book	Trading book	Banking book	Trading book	Banking book	Trading book	Banking book	Trading book
AAA to AA-	468	-	446	-	227	-	225	-
A+ to A-	1,596	-	1,721	-	1,871	-	1,847	-
BBB+ to BB	-	-	-	-	-	-	-	-
BB- and below	-	-	-	-	-	-	-	-
Unrated	-	-	-	-	-	-	-	-
Total resecuritization exposures retained or purchased	2,064	-	2,167	-	2,098	-	2,072	-

¹ The amounts reported are based on the regulatory securitization reporting requirements. It includes our credit card loans. It excludes our Canadian residential mortgages under the NHA MBS program which also encompass our Canadian social housing mortgages. These amounts differ from, and are not directly comparable to amounts reported in our Q3 2017 Report to Shareholders due to the differences between IFRS accounting and regulatory consolidation. For Q3 2017, \$6 million of Canadian social housing mortgages have been excluded.

² Amounts reflect regulatory exposure values.

³ Securitization exposures include securities, liquidity facilities, protection provided to securitization positions, other commitments and credit enhancements.

⁴ Capital charges for Standardized approach deductions are net of ACL and partial write-offs. Capital charges for Rating based approach and internal assessment approach are gross of ACL and partial write-offs.

BASEL III REGULATORY CAPITAL AND RATIOS (ALL-IN BASIS) continued
(Millions of Canadian dollars, except percentage and otherwise noted)

Capital ratios

61	Common Equity Tier 1 (as a percentage of risk-weighted assets)
62	Tier 1 (as a percentage of risk-weighted assets)
63	Total capital (as a percentage of risk-weighted assets)
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)
65	of which: capital conservation buffer requirement
66	Buffer requirements ⁽¹⁾
67	of which: G-SIB buffer requirement
67a	of which: D-SIB buffer requirement
68	Common Equity Tier 1 available to meet buffers (as a percentage of risk-weighted assets)

OSFI all-in target (minimum + capital conservation buffer + D-SIB surcharge (if applicable))

69	Common Equity Tier 1 all-in target ratio
70	Tier 1 capital all-in target ratio
71	Total capital all-in target ratio

Amounts below the thresholds for deduction (before risk-weighting)

72	Non-significant investments in the capital of other financials
73	Significant investments in the common stock of financials
74	Mortgage servicing rights (net of related tax liability)
75	Deferred tax assets arising from temporary differences (net of related tax liability)

Applicable caps on the inclusion of allowances in Tier 2

76	Allowances eligible for inclusion in Tier 2 in respect of exposures subject to standardized approach (prior to application of cap)
77	Cap on inclusion of allowances in Tier 2 under standardized approach
78	Allowances eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)
79	Cap on inclusion of allowances in Tier 2 under internal ratings-based approach

Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2013 and 1 Jan 2022)

80	Current cap on CET1 instruments subject to phase out arrangements
81	Amounts excluded from CET1 due to cap (excess over cap after redemptions and maturities)
82	Current cap on AT1 instruments subject to phase out arrangements
83	Amounts excluded from AT1 due to cap (excess over cap after redemptions and maturities)
84	Current cap on T2 instruments subject to phase out arrangements
85	Amounts excluded from T2 due to cap (excess over cap after redemptions and maturities)

Q3/17 Q2/17 Q1/17 Q4/16 Q3/16

10.9%	10.6%	11.0%	10.8%	10.5%
12.4%	12.0%	12.6%	12.3%	12.1%
14.4%	14.1%	14.7%	14.4%	14.2%
8.0%	8.0%	8.0%	8.0%	8.0%
2.5%	2.5%	2.5%	2.5%	2.5%
n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	n.a.	n.a.	n.a.	n.a.
1.0%	1.0%	1.0%	1.0%	1.0%
10.9%	10.6%	11.0%	10.8%	10.5%
8.0%	8.0%	8.0%	8.0%	8.0%
9.5%	9.5%	9.5%	9.5%	9.5%
11.5%	11.5%	11.5%	11.5%	11.5%
966	1,251	1,360	1,674	1,701
3,484	3,347	3,381	3,386	3,248
-	-	-	-	-
2,694	2,896	2,596	2,920	2,757
280	281	294	294	296
280	281	294	294	296
1,582	1,608	1,573	1,581	1,566
1,582	1,608	1,573	1,581	1,566
-	-	-	-	-
-	-	-	-	-
3,696	3,696	3,696	4,435	4,435
-	-	-	-	-
4,595	4,595	4,595	5,514	5,514
-	-	-	-	-

BASEL III REGULATORY CAPITAL AND RATIOS (TRANSITIONAL BASIS) ²
(Millions of Canadian dollars, except percentage and otherwise noted)

29	Common Equity Tier 1 capital (CET1)
45	Tier 1 capital (T1 = CET1 + AT1)
59	Total capital (TC = T1 + T2)
60	Total risk-weighted assets
61	Common Equity Tier 1 (as a percentage of risk-weighted assets)
62	Tier 1 (as a percentage of risk-weighted assets)
63	Total capital (as a percentage of risk-weighted assets)

Q3/17 Q2/17 Q1/17 Q4/16 Q3/16

52,768	52,923	52,095	54,709	52,917
57,550	57,586	56,839	57,045	55,212
66,534	66,984	66,116	66,437	64,631
461,765	474,964	448,964	462,582	450,949
11.4%	11.1%	11.6%	11.8%	11.7%
12.5%	12.1%	12.7%	12.3%	12.2%
14.4%	14.1%	14.7%	14.4%	14.3%

¹ Effective November 1, 2016, the capital conservation buffer includes a countercyclical capital buffer as prescribed by OSFI and has no material impact.

² The transitional RWA does not reflect the CVA phase-in adjustments as implemented under the All-in Basis.

REGULATORY CAPITAL BALANCE SHEET
(Millions of Canadian dollars)

Cross Reference to
Basel III Regulatory Capital
Components Page 21

Q3/17

Balance sheet as in
Report to Shareholders

Under regulatory
scope of consolidation

Assets			
Cash and due from banks		24,302	24,296
Interest-bearing deposits with banks		36,098	36,098
Securities		214,170	204,956
<i>Non-significant investments in capital of other financial institutions reflected in regulatory capital</i>			-
<i>Other securities</i>			204,956
Assets purchased under reverse repurchase agreements and securities borrowed		208,669	208,669
Loans			
Retail		379,869	379,616
Wholesale		156,401	154,903
Allowance for loan losses		(2,236)	(2,236)
<i>Collective allowance reflected in Tier 2 regulatory capital</i>	s		(280)
<i>Shortfall of allowances to expected loss</i>	i		(1,487)
<i>Allowances not reflected in regulatory capital</i>			(469)
Segregated fund net assets		534,034	532,283
Other		1,077	-
Customers' liability under acceptances		15,246	15,246
Derivatives		105,833	105,937
Premises and equipment, net		2,646	2,644
Goodwill	e	10,733	10,733
<i>Goodwill related to insurance and joint ventures</i>	e'		6
Other intangibles	f	4,421	4,368
<i>Other intangibles related to insurance and joint ventures</i>	f'		53
Other		43,818	44,714
<i>Significant investments in other financial institutions and insurance subsidiaries</i>			3,147
<i>of which: significant investments exceeding regulatory thresholds</i>	l		-
<i>of which: significant investments not exceeding regulatory thresholds</i>			3,147
<i>Investments in joint ventures and associates</i>			654
<i>Defined -benefit pension fund net assets</i>	k		56
<i>Deferred tax assets</i>			1,722
<i>of which: deferred tax assets excluding those arising from temporary differences</i>	g		21
<i>of which: deferred tax assets arising from temporary differences exceeding regulatory thresholds</i>	m		-
<i>of which: deferred tax liabilities related to permitted tax netting</i>			(1,017)
<i>of which: deferred tax assets - other temporary differences</i>			2,718
Other assets			39,135
Total assets		1,201,047	1,189,944

REGULATORY CAPITAL BALANCE SHEET *continued*
(Millions of Canadian dollars)

Liabilities
Deposits
Personal
Business and government
Bank
Segregated fund net liabilities
Other
Acceptances
Obligations related to securities sold short
Obligations related to assets sold under repurchase agreements and securities loaned
Derivatives
Insurance claims and policy benefit liabilities
Other liabilities
<i>Gains and losses due to changes in own credit risk on fair value liabilities</i>
Deferred tax liabilities
<i>of which: related to goodwill</i>
<i>of which: related to intangibles</i>
<i>of which: related to pensions</i>
<i>of which: relates to permitted tax netting</i>
<i>of which: other deferred tax liabilities</i>
Other Liabilities
Subordinated debentures
Regulatory capital amortization of maturing debentures
Subordinated debentures not allowed for regulatory capital
Subordinated debentures used for regulatory capital:
<i>of which: are qualifying</i>
<i>of which: are subject to phase out directly issued capital:</i>
<i>of which: are subject to phase out issued by subsidiaries and held by 3rd party</i>
Total liabilities
Equity attributable to shareholders
Common shares
<i>of which are treasury shares - common</i>
Retained earnings
<i>of which relates to contributed surplus</i>
<i>of which relates to retained earning for capital purposes</i>
<i>of which relates to insurance and joint ventures</i>
Other components of equity
<i>Gains and losses on derivatives designated as cash flow hedges</i>
<i>Unrealized foreign currency translation gains and losses, net of hedging activities</i>
<i>Other reserves allowed for regulatory capital</i>
<i>of which relates to Insurance</i>
Preferred shares
<i>of which: are qualifying</i>
<i>of which: are subject to phase out</i>
<i>of which portion are not allowed for regulatory capital</i>
<i>of which: are qualifying treasury shares</i>
<i>of which: are subject to phase out treasury shares</i>
Non-controlling interests
<i>of which: are qualifying</i>
<i>portion allowed for inclusion into CET1</i>
<i>portion allowed for inclusion into Tier 1 capital</i>
<i>portion allowed for inclusion into Tier 2 capital</i>
<i>of which: are subject to phase out</i>
<i>of which: portion not allowed for regulatory capital</i>
Total equity
Total liabilities and equity

	Cross Reference to Basel III Regulatory Capital Components Page 21	Q3/17	
		Balance sheet as in Report to Shareholders	Under regulatory scope of consolidation
		254,559	254,559
		501,282	501,546
		22,777	22,777
		778,618	778,882
		1,077	-
		15,246	15,246
		40,512	40,512
		121,980	121,980
		104,203	104,203
		9,331	-
		48,019	47,025
	j		(166)
	t		109
	v		-
	u		1,102
	w		-
			24
			(1,017)
			47,082
	q	9,200	9,200
	q'		-
	q''		350
	q'''		8,850
	q''''		6,294
			2,546
			10
		1,128,186	1,117,048
		72,274	72,309
	a	17,871	17,871
	a''		113
		44,479	44,493
	a'		315
	b		44,178
	b'		(14)
	c	3,211	3,232
	h		397
			2,484
			330
	c'		21
	n	6,713	6,713
	n'		3,825
	n''		2,750
	n'''		138
	n''''		-
	n'''''		-
	x	587	587
	d		13
	o		2
	r		13
	x'		502
			57
		72,861	72,896
		1,201,047	1,189,944
	Equity		Assets
		5	-
		-	-
		1	27
		1,936	13,306
		101	124
		1	-
		1,103	793
		3,147	14,250

Insurance subsidiaries ¹	Principal activities
Assured Assistance Inc.	Service provider for insurance claims
RBC General Insurance Company	Property and casualty insurance company
RBC Insurance Services Inc.	Service provider for insurance companies listed and the bank (creditor)
RBC Life Insurance Company	Life and health insurance company
RBC Insurance Company of Canada	Property and casualty insurance company
RBC Insurance Holdings Inc.	Holding company
Royal Bank of Canada Insurance Company Limited	Life, annuity, trade credit, title and property reinsurance company provides coverage to international clients

¹ The list of legal entities that are included within the accounting scope of consolidation but excluded from the regulatory scope of consolidation.

FLOW STATEMENT OF THE MOVEMENTS IN REGULATORY CAPITAL ¹

(Millions of Canadian dollars)

Common Tier 1 (CET1) capital
Opening amount

New capital issues	
Redeemed capital	
Gross dividends (deduction)	
Shares issued in lieu of dividends (add back)	
Profit for the year (attributable to shareholders of parent company)	
Removal of own credit spread (net of tax)	
Movement in other comprehensive income	
<i>Currency translation differences (unrealized foreign currency translation gains/(losses)), net of hedging activities</i>	
<i>Available-for-sale investments (unrealized gains (losses) on AFS securities)</i>	
<i>Other</i>	
Goodwill and other intangible assets (deduction, net of related tax liability)	
Other, including regulatory adjustments and transitional arrangements	
<i>Deferred tax assets that rely on future profitability (excluding those arising from temporary differences)</i>	
<i>Defined benefit pension fund assets (net of related tax liability)</i>	
<i>Investment in common equity of deconsolidated subsidiaries & other significant investments</i>	
<i>Prudential valuation adjustments</i>	
<i>Other ²</i>	

Closing amount
Other 'non-core' Tier 1 (Additional Tier 1) capital
Opening amount

New non-core Tier 1 (additional Tier 1) eligible capital issues	
Redeemed capital	
Other, including regulatory adjustments and transitional arrangements ³	

Closing amount
Total Tier 1 capital
Tier 2 capital
Opening amount

New Tier 2 eligible capital issues	
Redeemed capital	
Amortization adjustments	
Other, including regulatory adjustments and transitional arrangements ⁴	

Closing amount
Total regulatory capital

Q3/17	Q2/17	Q1/17	Q4/16	Q3/16
49,598	48,880	48,181	46,425	44,717
42	50	96	74	38
-	(231)	(137)	(11)	(45)
(1,345)	(1,348)	(1,307)	(1,309)	(1,287)
-	-	-	-	-
2,783	2,801	3,015	2,533	2,886
38	231	(7)	91	92
(2,402)	1,621	(934)	584	903
(2,860)	1,585	(926)	672	872
40	91	(141)	(92)	101
418	(55)	133	4	(70)
777	(458)	268	(54)	(137)
117	(1,948)	(295)	(152)	(742)
7	(3)	7	3	3
(15)	7	(19)	(9)	54
-	-	-	-	-
-	-	-	-	-
125	(1,952)	(283)	(146)	(799)
49,608	49,598	48,880	48,181	46,425
7,088	7,079	7,089	7,080	7,090
-	-	-	-	-
-	-	-	-	-
(9)	9	(10)	9	(10)
7,079	7,088	7,079	7,089	7,080
56,687	56,686	55,959	55,270	53,505
9,549	9,418	9,680	9,700	9,505
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
(416)	131	(262)	(20)	195
9,133	9,549	9,418	9,680	9,700
65,820	66,235	65,377	64,950	63,205

¹ Reflects required EDTF format.

² Includes changes in shortfall in allowance, treasury shares, issue costs and other, share-based compensation awards, threshold deduction allocated to loss carry back, de-recognition of cash flow hedge reserves, transitional adjustment and common equity issued by consolidated subsidiaries to third parties.

³ Includes changes to capital issued by consolidated bank subsidiaries to third parties and non-qualifying capital instruments.

⁴ Includes changes to non-qualifying capital issued by consolidated bank subsidiaries to third parties, non-qualifying capital instruments and eligible collective allowance.

TOTAL CAPITAL RISK-WEIGHTED ASSETS ¹ (Millions of Canadian dollars, except percentage and per share amounts)	Q3/17					Q3/17	Risk-weighted assets All-in Basis				
	Risk-weighted assets All-in Basis					Capital requirements					
	Exposure ²	Average of risk weights ³	Standardized approach	Advanced approach	Other	Total ⁴	Total ⁴	Q2/17 Total ⁴	Q1/17 Total ⁴	Q4/16 Total ⁴	Q3/16 Total ⁴
Credit risk ⁵											
Lending-related and other											
Residential mortgages	238,784	7%	5,258	12,246	-	17,504	1,400	16,016	17,549	17,364	16,567
Other retail (Personal, Credit cards and Small business treated as retail)	237,780	23%	7,537	46,878	-	54,415	4,353	54,687	52,249	52,164	51,497
Business (Corporate, Commercial, Medium-sized enterprises and Non-bank financial institutions)	303,324	61%	40,155	145,412	-	185,567	14,846	192,616	180,522	186,285	180,386
Sovereign (Government)	133,270	9%	2,729	8,606	-	11,335	907	12,241	10,447	9,776	11,116
Bank	128,458	8%	2,633	8,115	-	10,748	860	10,896	10,257	11,801	11,659
Total lending-related and other	1,041,616	27%	58,312	221,257	-	279,569	22,366	286,456	271,024	277,390	271,225
Trading-related											
Repo-style transactions	445,889	2%	47	7,917	106	8,070	645	9,093	7,892	7,924	6,832
Derivatives -including CVA - CET1 phase-in adjustment ⁶	87,442	34%	1,110	16,526	11,673	29,309	2,345	30,043	28,375	29,796	31,969
Total trading-related	533,331	7%	1,157	24,443	11,779	37,379	2,990	39,136	36,267	37,720	38,801
Total lending-related and other and trading-related	1,574,947	20%	59,469	245,700	11,779	316,948	25,356	325,592	307,291	315,110	310,026
Bank book equities ^{7,8}	3,008	113%	-	3,391	-	3,391	271	3,710	3,601	2,362	2,424
Securitization exposures	57,484	15%	2,281	6,133	-	8,414	673	9,249	8,972	9,591	8,957
Regulatory scaling factor ⁹	n.a.	n.a.	n.a.	15,274	-	15,274	1,222	15,739	14,672	15,028	14,675
Other assets ¹⁰	51,274	53%	n.a.	n.a.	27,144	27,144	2,172	29,317	26,083	25,384	24,931
Total credit risk ¹⁰	1,686,713	22%	61,750	270,498	38,923	371,171	29,694	383,607	360,619	367,475	361,013
Market risk ^{11, 12}											
Interest rate			1,913	4,212	-	6,125	490	7,386	6,827	4,484	5,108
Equity			1,500	2,470	-	3,970	318	3,674	3,240	3,005	3,221
Foreign exchange			844	70	-	914	72	1,182	873	931	1,179
Commodities			310	11	-	321	26	239	139	326	348
Specific risk			5,316	2,219	-	7,535	603	7,021	5,643	5,730	5,798
Incremental risk charge ^{13, 14}			-	8,572	-	8,572	686	8,927	8,373	9,488	10,784
Total market risk			9,883	17,554	-	27,437	2,195	28,429	25,095	23,964	26,438
Operational risk ¹⁵			4,278	53,853	n.a.	58,131	4,650	57,682	56,794	55,997	55,130
CET1 capital risk-weighted assets	1,686,713		75,911	341,905	38,923	456,739	36,539	469,718	442,508	447,436	442,581
Additional CVA adjustment, prescribed by OSFI, for Tier 1 Capital ⁶					776	776	62	810	796	1,226	1,364
Tier 1 capital risk-weighted assets	1,686,713		75,911	341,905	39,699	457,515	36,601	470,528	443,304	448,662	443,945
Additional CVA adjustment, prescribed by OSFI, for Total Capital ⁶					621	621	50	648	636	1,050	1,169
Total capital risk-weighted assets (RWA)	1,686,713		75,911	341,905	40,320	458,136	36,651	471,176	443,940	449,712	445,114
RWA CVA PHASE-IN CALCULATION ⁶											
Common equity tier 1 (CET1) capital RWA		CVA (A)	OSFI Scalars (B)	Total RWA before CVA phase-in (C)	CVA Phase -in Adjustments (D)=A*(100%-B)	RWA Net CVA phase-in (E)=C-D					
Tier 1 capital RWA		15,525	72%	461,086	4,347	456,739					
Total capital RWA		15,525	77%	461,086	3,571	457,515					
		15,525	81%	461,086	2,950	458,136					

¹ Calculated using guidelines issued by OSFI under the Basel III All-in framework.

² Total exposure represents exposure at default which is the expected gross exposure upon the default of an obligor. This amount excludes any allowance against impaired loans or partial write-offs and does not reflect the impact of credit risk mitigation.

³ Represents the average of counterparty risk weights within a particular category.

⁴ The minimum capital requirements for each category can be calculated by multiplying the total RWA by 8%.

⁵ For credit risk, a majority of our portfolios use the Internal Ratings Based (IRB) Approach and the remainder use the Standardized Approach.

⁶ As per OSFI guidelines, the CVA regulatory capital charge applied to derivatives has a three tier capital approach with different scalars for each tier. For 2016 the scalars percentages were 64%, 71% and 77% applied to CET1, Tier 1 and Total capital respectively. 2017 scalars are shown above.

⁷ CAR (Capital Adequacy Requirement) guidelines define banking book equities based on the economic substance of the transaction rather than the legal form or accounting treatment associated with the financial instrument. As such, differences exist in the identification of equity securities held in the banking book and those reported in the financial statements. Banking book equities are financial instruments held for investment purposes and are not part of our trading book, consisting of publicly-traded and private equities, partnership units, venture capital and derivative instruments tied to equity interests. As at Q3/17, the amount of publicly-traded equity exposures was \$1,201 million and private equity exposures amounted to \$1,807 million. Total exposure represents exposure at default, which is the expected gross exposure upon the default of an obligor.

Effective Q1/17, the Basel Committee on Banking Supervision issued new requirements for Equity Investments in Funds (BCBS 266). The Simple Risk Weight method under the Market-based Approach is being used to calculate RWA for Direct Equity exposures (\$1,956 million). On the other hand, the calculation of RWA for Equity Investments in Funds (\$1,052 million) uses the Mandate-based and Fall-Back Approaches.

⁸ The amount of available-for-sale securities held in the banking book that were "grandfathered" under CAR (Capital Adequacy Requirement) guidelines, and thus subject to a 100% risk-weighting until the end of 2017, was \$77 million for Q3/17.

⁹ The scaling factor represents a calibration adjustment of 6% as prescribed by OSFI under the Basel III framework and is applied to RWA amounts for credit risk assessed under the IRB Approach.

¹⁰ For credit risk, portfolios using the Standardized and IRB Approaches represents 16% and 73%, respectively, of RWA. The remaining 11% represents Balance Sheet assets not included in Standardized or IRB Approaches.

¹¹ For market risk RWA measurement, we use an internal models approach where we have obtained regulatory approval, and a standardized approach for products yet to be approved.

¹² Regulatory capital for our correlation trading portfolios is determined through the standardized approach as prescribed by OSFI. Therefore, we do not have a Comprehensive Risk Charge for these portfolios. Our securitization and resecuritization positions in our trading book also have capital requirements under the standardized approach. The changes in value due to market and credit risk in the securitization and resecuritization in the trading book are managed through the daily mark-to-market process. Furthermore, we employ market risk measures such as sensitivities to changes in option-adjusted spreads and underlying asset prices as well as VaR and stress testing measures.

¹³ The incremental risk charge (IRC) was \$686 million as at Q3/17. The average was \$676 million, high was \$769 million and low was \$513 million for Q3/17. The IRC is measured over a one-year horizon at a 99.9% confidence level. We utilize a technique known as the Monte Carlo simulation process to generate a statistically relevant number of loss scenarios due to ratings migration and default in order to establish the losses at that confidence level. We also make certain assumptions about position liquidity (the length of time to close out a position) within the model that range from a floor of three months to maximum of one year. The determination of liquidity is based on issuer type and credit rating. Credit rating migration and default probabilities are based on historical data.

¹⁴ The models are subject to the same internal independent vetting and validation procedures used for all regulatory capital models. Important assumptions are re-reviewed at least annually. Due to the long time horizon and high confidence level of the risk measure, we do not perform back-testing as we do for the VaR measure.

¹⁵ On May 10, 2016 OSFI approved RBC's application to use the Advanced Measurement Approach for Operational Risk, subject to a capital floor.

MARKET RISK - RISK-WEIGHTED ASSETS BY APPROACH (ALL-IN BASIS) (Millions of Canadian dollars, except percentage and otherwise noted)	Q3/17		Q2/17		Q1/17		Q4/16		Q3/16	
	Risk-weighted assets	Capital requirements	Risk-weighted assets	Capital requirements	Risk-weighted assets	Capital requirements	Risk-weighted assets	Capital requirements	Risk-weighted assets	Capital requirements
Internal models-based approach										
VaR	2,414	193	2,845	227	2,958	236	2,044	164	1,755	140
Stressed VaR	6,568	525	6,746	540	5,295	424	4,067	325	5,758	461
Incremental risk charge	8,572	686	8,927	714	8,373	670	9,488	759	10,784	863
Comprehensive risk measure	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
	17,554	1,404	18,518	1,481	16,626	1,330	15,599	1,248	18,297	1,464
Standardized approach	9,883	791	9,911	793	8,469	678	8,365	669	8,141	651
Total Market Risk RWA	27,437	2,195	28,429	2,274	25,095	2,008	23,964	1,917	26,438	2,115

TOTAL CAPITAL RISK-WEIGHTED ASSETS BY BUSINESS SEGMENTS (ALL-IN BASIS) (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16
Personal and Commercial Banking							
Canadian Banking	155,476	150,754	141,612	138,358	136,650	135,322	134,037
Caribbean & U.S. Banking	12,557	14,341	13,446	13,235	15,864	16,194	17,593
Wealth Management	65,832	69,264	66,232	65,019	62,593	58,679	61,953
Insurance	8,248	7,835	7,953	8,012	7,700	8,233	8,174
Investor & Treasury Services	29,075	29,953	29,325	30,498	32,360	30,085	33,701
Capital Markets	181,216	193,084	181,764	189,294	185,404	181,979	201,720
Corporate Support	5,732	5,945	3,608	5,296	4,543	6,656	5,271
Total capital risk-weighted assets	458,136	471,176	443,940	449,712	445,114	437,148	462,449

MOVEMENT OF TOTAL CAPITAL RISK-WEIGHTED ASSETS (RWA) BY RISK TYPE (ALL-IN BASIS) (Millions of Canadian dollars, except percentage and otherwise noted)	Q3/17			Q2/17			Q1/17			Q4/16		
	Non-counterparty credit risk	Counterparty credit risk	Total	Non-counterparty credit risk	Counterparty credit risk	Total	Non-counterparty credit risk	Counterparty credit risk	Total	Non-counterparty credit risk	Counterparty credit risk	Total
Credit risk RWA												
Opening balance of credit risk RWA	344,470	40,595	385,065	324,352	37,699	362,051	329,755	39,996	369,751	322,212	41,334	363,546
Portfolio size ¹	4,176	158	4,334	3,250	1,667	4,917	(1,120)	(2,177)	(3,297)	6,476	(1,712)	4,764
Portfolio credit quality ²	(336)	18	(318)	(438)	(97)	(535)	420	(63)	357	1,064	6	1,070
Model updates ³	-	-	-	-	-	-	(476)	-	(476)	-	-	-
Methodology and policy ⁴	-	-	-	10,973	1	10,974	1,054	637	1,691	-	-	-
Acquisitions and dispositions	-	-	-	-	-	-	-	-	-	(132)	-	(132)
Foreign exchange movements	(15,663)	(1,980)	(17,643)	7,943	1,380	9,323	(4,350)	(872)	(5,222)	3,375	399	3,774
Other	1,143	(13)	1,130	(1,610)	(55)	(1,665)	(931)	178	(753)	(3,240)	(31)	(3,271)
Closing balance of credit risk RWA	333,790	38,778	372,568	344,470	40,595	385,065	324,352	37,699	362,051	329,755	39,996	369,751
Market risk RWA												
Opening balance of market risk RWA	n.a.	n.a.	28,429	n.a.	n.a.	25,095	n.a.	n.a.	23,964	n.a.	n.a.	26,438
Movement in risk levels ⁵	n.a.	n.a.	118	n.a.	n.a.	1,261	n.a.	n.a.	1,982	n.a.	n.a.	(1,647)
Model updates ³	n.a.	n.a.	7	n.a.	n.a.	68	n.a.	n.a.	(309)	n.a.	n.a.	(539)
Methodology and policy ⁴	n.a.	n.a.	-	n.a.	n.a.	-	n.a.	n.a.	-	n.a.	n.a.	-
Acquisitions and dispositions	n.a.	n.a.	-	n.a.	n.a.	-	n.a.	n.a.	-	n.a.	n.a.	-
Foreign exchange movements	n.a.	n.a.	(1,117)	n.a.	n.a.	2,005	n.a.	n.a.	(542)	n.a.	n.a.	(288)
Other	n.a.	n.a.	-	n.a.	n.a.	-	n.a.	n.a.	-	n.a.	n.a.	-
Closing balance of market risk RWA	n.a.	n.a.	27,437	n.a.	n.a.	28,429	n.a.	n.a.	25,095	n.a.	n.a.	23,964
Operational risk RWA												
Opening balance of operational risk RWA	n.a.	n.a.	57,682	n.a.	n.a.	56,794	n.a.	n.a.	55,997	n.a.	n.a.	55,130
Revenue generation	n.a.	n.a.	449	n.a.	n.a.	888	n.a.	n.a.	797	n.a.	n.a.	867
Closing balance of operational risk RWA	n.a.	n.a.	58,131	n.a.	n.a.	57,682	n.a.	n.a.	56,794	n.a.	n.a.	55,997
Total capital RWA	333,790	38,778	458,136	344,470	40,595	471,176	324,352	37,699	443,940	329,755	39,996	449,712

ATTRIBUTED CAPITAL (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Attributed capital													
Credit risk	22,250	21,000	21,050	20,500	20,550	20,600	20,450	17,650	16,500	21,450	20,550	20,550	16,400
Market risk (trading and non-trading)	3,100	3,100	3,150	3,000	3,200	3,050	3,550	3,800	3,800	3,100	3,250	3,200	3,900
Operational risk	5,150	5,300	5,100	5,000	5,100	4,900	4,750	4,300	4,600	5,200	4,900	4,900	4,600
Business and fixed assets risk	3,200	3,250	3,150	3,100	3,200	3,100	3,100	2,700	2,900	3,200	3,150	3,100	2,900
Insurance risk	650	650	600	600	650	650	650	550	550	650	650	650	550
Goodwill and intangibles	15,500	15,800	15,700	15,750	15,900	16,100	16,650	12,150	11,950	15,650	16,200	16,100	11,900
Regulatory capital allocation ⁶	11,450	10,800	11,050	8,800	8,200	10,000	8,500	6,500	5,100	11,100	8,900	8,900	5,400
Attributed capital	61,300	59,900	59,800	56,750	56,800	58,400	57,650	47,650	45,400	60,350	57,600	57,400	45,650
Under/(over) attribution of capital ^{6,7}	4,450	4,900	4,850	6,350	5,000	4,000	3,800	8,150	7,200	4,700	4,300	4,800	6,650
Total average common equity	65,750	64,800	64,650	63,100	61,800	62,400	61,450	55,800	52,600	65,050	61,900	62,200	52,300

¹ Organic changes in portfolio size and composition (including new business and maturing loans).

² Quality of book changes caused by experience such as underlying customer behaviour or demographics and credit migration.

³ Updates to the model to reflect recent experience, model implementation, change in model scope or any change to address model malfunctions including changes through model calibrations/realignments.

⁴ Methodology changes to the calculations driven by regulatory policy changes.

⁵ Change in risk due to position changes and market movements.

⁶ Our capital allocation methodology is annually revised to anticipate and incorporate any changes in the regulatory (Basel and/or OSFI) environment that affects our capital requirement.

⁷ Under/(over) attribution of capital is reported in Corporate Support.

LEVERAGE RATIO
Summary comparison of accounting assets vs. leverage ratio exposure measure - transitional basis
(Millions of Canadian dollars)

Q3/17 Q2/17 Q1/17 Q4/16 Q3/16

1 Total consolidated assets as per published financial statements
2 Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation
3 Adjustment for fiduciary assets recognized on the balance sheet pursuant to the operative accounting framework but excluded from the leverage ratio exposure measure
4 Adjustments for derivative financial instruments
5 Adjustment for securities financing transactions (SFT) (i.e. repo assets and similar secured lending)
6 Adjustments for off-balance sheet items (i.e., credit equivalent amounts of off-balance sheet exposures)
7 Other adjustments
8 Leverage Ratio Exposure - (transitional basis)

1,201,047	1,202,919	1,161,766	1,180,258	1,198,875
(11,207)	(11,101)	(10,461)	(10,937)	(10,941)
-	-	-	-	-
(33,274)	(19,642)	(22,859)	(33,400)	(44,934)
6,659	7,456	6,547	5,561	6,069
157,093	168,022	158,956	160,424	157,650
(32,530)	(35,111)	(33,077)	(35,166)	(34,815)
1,287,788	1,312,543	1,260,872	1,266,740	1,271,904

Additional information
Leverage ratio exposure - transitional basis
Additional asset amounts deducted in determining Basel III all-in Tier 1 capital
Leverage Ratio Exposure - all-in basis

1,287,788	1,312,543	1,260,872	1,266,740	1,271,904
(1,225)	(840)	(870)	(1,605)	(1,531)
1,286,563	1,311,703	1,260,002	1,265,135	1,270,373

LEVERAGE RATIO COMMON DISCLOSURE TEMPLATE ¹

(Millions of Canadian dollars, except percentages)

	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16
On-balance sheet exposures					
1 On-balance sheet items (excluding derivatives, SFTs and grandfathered securitization exposures, but including collateral)	872,640	871,504	854,027	861,505	854,467
2 (Asset amounts deducted in determining Basel III transitional Tier 1 capital)	(14,794)	(15,562)	(15,013)	(14,435)	(14,411)
3 Total on-balance sheet exposure (excluding derivatives and SFTs) (sum of lines 1 and 2)	857,846	855,942	839,014	847,070	840,056
Derivatives exposures					
4 Replacement cost associated with all derivatives transactions (i.e., net of eligible cash variation margin)	18,059	22,193	22,137	28,944	28,590
5 Add-on amounts for PFE associated with all derivatives transactions	53,964	58,674	51,628	55,863	56,021
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 derivatives transactions)	(15,251)	(17,058)	(15,578)	(18,250)	(17,935)
8 (Exempted CCP-leg of client-cleared trade exposures)	-	-	-	-	-
9 Adjusted effective notional amount of written credit derivatives	536	253	795	737	917
10 (Adjusted effective notional offsets and add-on deductions for written credit derivatives)	-	-	-	-	-
11 Total derivative exposures (sum of lines 4 to 10)	57,308	64,062	58,982	67,294	67,593
Securities financing transaction exposures					
12 Gross SFT assets recognized for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions	235,901	236,527	222,661	200,681	210,840
13 (Netted amounts of cash payables and cash receivables of gross SFT assets)	(27,019)	(19,467)	(25,288)	(14,290)	(10,304)
14 Counterparty credit risk (CCR) exposure for SFTs	6,659	7,456	6,547	5,561	6,069
15 Agent transaction exposures	-	-	-	-	-
16 Total securities financing transaction exposures (sum of lines 12 to 15)	215,541	224,516	203,920	191,952	206,605
Other off-balance sheet exposures					
17 Off-balance sheet exposures at gross notional amount	481,161	508,070	492,394	486,449	476,015
18 (Adjustments for conversion to credit equivalent amounts)	(324,068)	(340,048)	(333,438)	(326,025)	(318,365)
19 Off-balance sheet items (sum of lines 17 and 18)	157,093	168,022	158,956	160,424	157,650
Capital and Total Exposures - Transitional Basis					
20 Tier 1 capital	57,550	57,586	56,839	57,045	55,212
21 Total Exposures (sum of lines 3,11,16 and 19)	1,287,788	1,312,543	1,260,872	1,266,740	1,271,904
Leverage ratio - Transitional Basis					
22 Basel III leverage ratio	4.5%	4.4%	4.5%	4.5%	4.3%
All-in basis (Required by OSFI)					
23 Tier 1 capital - All-in basis	56,687	56,686	55,959	55,270	53,505
24 (Regulatory adjustments)	(16,019)	(16,401)	(15,883)	(16,040)	(15,942)
25 Total Exposures (sum of lines 21 and 24, less the amount reported in line 2) - All-in basis	1,286,563	1,311,704	1,260,002	1,265,135	1,270,373
26 Leverage ratio - All-in basis	4.4%	4.3%	4.4%	4.4%	4.2%

¹ Based on OSFI's Leverage Requirements Guidelines issued October 2014.

LOANS AND ACCEPTANCES (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2016	2015
By portfolio and sector											
Retail											
Residential mortgages	264,583	259,973	257,324	254,998	250,126	246,029	245,628	233,975	229,088	254,998	233,975
Personal	93,087	92,950	92,106	93,466	93,850	93,679	95,273	94,346	94,819	93,466	94,346
Credit cards	17,789	17,417	16,942	17,128	16,629	16,269	15,963	15,859	15,544	17,128	15,859
Small business	4,410	3,828	3,789	3,878	3,871	3,886	3,899	4,003	4,012	3,878	4,003
	379,869	374,168	370,161	369,470	364,476	359,863	360,763	348,183	343,463	369,470	348,183
Wholesale											
Business											
Agriculture	7,141	6,921	6,886	6,515	6,469	6,399	6,480	6,057	5,981	6,515	6,057
Automotive	8,316	8,456	7,939	7,279	6,730	7,318	7,208	6,614	7,061	7,279	6,614
Consumer goods	10,955	10,530	10,083	10,052	9,043	8,994	8,576	7,146	7,020	10,052	7,146
Energy											
Oil and gas	6,722	5,977	6,176	6,259	7,057	7,991	8,384	7,691	7,483	6,259	7,691
Utilities	5,532	6,003	6,083	7,680	8,179	6,863	6,711	5,162	5,445	7,680	5,162
Financing products	6,952	8,163	7,732	8,840	9,912	10,582	12,011	10,093	8,485	8,840	10,093
Forest products	1,014	1,101	1,113	1,099	1,195	1,233	1,169	1,169	1,105	1,099	1,169
Health services	6,507	7,392	7,637	7,763	8,205	7,111	7,478	6,023	5,817	7,763	6,023
Holding and investments	8,585	8,533	7,825	7,195	7,329	7,508	7,451	6,935	7,106	7,195	6,935
Industrial products	5,731	5,598	5,875	5,508	5,172	5,142	5,502	4,725	4,718	5,508	4,725
Mining and metals	1,168	1,404	1,343	1,455	1,424	1,514	1,729	1,402	1,442	1,455	1,402
Non-bank financial services	10,428	10,169	8,792	8,408	9,423	9,315	9,625	6,428	6,031	8,408	6,428
Other services	14,639	15,557	12,705	11,582	10,778	10,954	11,012	8,834	9,184	11,582	8,834
Real estate and related ¹	43,583	42,987	42,817	40,419	40,163	39,196	40,048	33,802	33,149	40,419	33,802
Technology and media	9,019	9,606	10,193	11,019	10,164	9,521	9,294	6,599	6,533	11,019	6,599
Transportation and environment	5,486	6,981	5,712	6,060	6,071	6,288	6,614	5,907	6,043	6,060	5,907
Other	4,041	4,411	6,154	7,568	7,267	6,035	7,335	3,248	4,691	7,568	3,248
Sovereign	11,543	10,766	11,084	10,581	9,788	10,561	11,235	9,887	5,282	10,581	9,887
Bank	4,285	4,296	1,898	1,930	2,304	1,921	2,112	1,800	1,399	1,930	1,800
	171,647	174,851	168,047	167,212	166,673	164,446	170,474	139,522	133,975	167,212	139,522
Total loans and acceptances	551,516	549,019	538,208	536,682	531,149	524,309	531,237	487,705	477,438	536,682	487,705
Allowance for loan losses	(2,236)	(2,258)	(2,239)	(2,235)	(2,177)	(2,271)	(2,169)	(2,029)	(2,078)	(2,235)	(2,029)
Total loans and acceptances, net of allowance for loan losses	549,280	546,761	535,969	534,447	528,972	522,038	529,068	485,676	475,360	534,447	485,676
Loans and acceptances by geography ² and portfolio											
Canada											
Residential mortgages	250,998	245,601	244,003	241,800	237,864	234,545	233,125	229,987	225,128	241,800	229,987
Personal	82,861	81,833	81,288	82,205	82,683	82,624	82,898	84,637	85,183	82,205	84,637
Credit cards	17,287	16,838	16,394	16,601	16,153	15,787	15,431	15,516	15,226	16,601	15,516
Small business	4,410	3,828	3,789	3,878	3,871	3,886	3,899	4,003	4,012	3,878	4,003
Retail	355,556	348,100	345,474	344,484	340,571	336,842	335,353	334,143	329,549	344,484	334,143
Business	83,532	79,471	77,749	76,266	74,216	73,856	72,218	71,246	70,461	76,266	71,246
Sovereign	9,632	8,549	9,098	8,586	7,654	7,823	8,055	8,508	3,869	8,586	8,508
Bank	1,255	989	867	1,278	619	618	695	530	547	1,278	530
Wholesale	94,419	89,009	87,714	86,130	82,489	82,297	80,968	80,284	74,877	86,130	80,284
United States											
Retail	17,311	18,376	17,342	17,134	16,003	15,041	16,462	5,484	5,286	17,134	5,484
Wholesale	55,101	62,311	57,724	59,349	59,830	58,190	62,950	34,702	33,839	59,349	34,702
	72,412	80,687	75,066	76,483	75,833	73,231	79,412	40,186	39,125	76,483	40,186
Other International											
Retail	7,002	7,692	7,345	7,852	7,902	7,980	8,948	8,556	8,628	7,852	8,556
Wholesale	22,127	23,531	22,609	21,733	24,354	23,959	26,556	24,536	25,259	21,733	24,536
	29,129	31,223	29,954	29,585	32,256	31,939	35,504	33,092	33,887	29,585	33,092
Total											
Retail	379,869	374,168	370,161	369,470	364,476	359,863	360,763	348,183	343,463	369,470	348,183
Wholesale	171,647	174,851	168,047	167,212	166,673	164,446	170,474	139,522	133,975	167,212	139,522
Total loans and acceptances	551,516	549,019	538,208	536,682	531,149	524,309	531,237	487,705	477,438	536,682	487,705

¹ Wholesale - Real estate and related loans and acceptances in Q3/17 is comprised of amounts based in Canada of \$26.6 billion, United States of \$12.5 billion and Other International of \$4.5 billion.

² Geographic information is based on residence of borrower.

GROSS IMPAIRED LOANS (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2016	2015
Gross impaired loans by portfolio and sector											
Retail											
Residential mortgages	621	723	688	709	672	643	660	646	686	709	646
Personal	285	280	297	304	300	315	313	299	304	304	299
Small business	38	40	41	46	45	45	42	45	42	46	45
	944	1,043	1,026	1,059	1,017	1,003	1,015	990	1,032	1,059	990
Wholesale											
Business											
Agriculture	24	35	35	43	56	42	45	41	55	43	41
Automotive	20	25	43	43	41	46	10	11	11	43	11
Consumer goods	100	108	127	165	118	115	96	130	131	165	130
Energy											
Oil and gas	482	625	983	1,264	1,136	1,039	310	156	183	1,264	156
Utilities	11	55	57	78	65	51	91	57	57	78	57
Financing products	104	113	107	111	108	104	112	109	105	111	109
Forest products	10	16	18	21	31	15	30	28	26	21	28
Health services	21	13	17	21	15	19	18	17	21	21	17
Holding and investments	88	102	17	72	76	163	185	185	157	72	185
Industrial products	32	41	44	43	34	37	36	45	51	43	45
Mining and metals	4	8	10	15	17	17	16	17	13	15	17
Non-bank financial services	36	5	5	3	1	1	2	1	3	3	1
Other services	185	185	187	109	99	94	71	69	72	109	69
Real estate and related ¹	417	372	363	241	245	271	294	297	312	241	297
Technology and media	83	100	100	93	28	31	33	34	41	93	34
Transportation and environment	25	27	26	45	46	48	55	53	52	45	53
Other	42	45	46	57	73	74	63	43	55	57	43
Sovereign	-	-	-	-	-	-	-	-	-	-	-
Bank	-	-	-	2	2	2	2	2	2	2	2
	1,684	1,875	2,185	2,426	2,191	2,169	1,469	1,295	1,347	2,426	1,295
Acquired credit-impaired loans	268	331	348	418	508	531	636	-	-	418	-
Total gross impaired loans	2,896	3,249	3,559	3,903	3,716	3,703	3,120	2,285	2,379	3,903	2,285
Individually assessed	1,717	1,945	2,283	2,566	2,409	2,394	1,822	993	1,008	2,566	993
Collectively assessed	1,179	1,304	1,276	1,337	1,307	1,309	1,298	1,292	1,371	1,337	1,292
Total gross impaired loans	2,896	3,249	3,559	3,903	3,716	3,703	3,120	2,285	2,379	3,903	2,285
Gross impaired loans by geography² and portfolio											
Canada											
Residential mortgages	324	362	372	368	366	360	350	356	375	368	356
Personal	201	209	226	228	233	246	232	223	223	228	223
Small business	38	40	41	46	45	45	42	45	42	46	45
Retail	563	611	639	642	644	651	624	624	640	642	624
Business	467	405	427	522	502	591	604	512	589	522	512
Sovereign	-	-	-	-	-	-	-	-	-	-	-
Bank	-	-	-	-	-	-	-	-	-	-	-
Wholesale	467	405	427	522	502	591	604	512	589	522	512
Total - Canada	1,030	1,016	1,066	1,164	1,146	1,242	1,228	1,136	1,229	1,164	1,136
United States³											
Retail	61	76	50	56	43	42	22	10	10	56	10
Wholesale	978	1,243	1,653	1,736	1,746	1,568	876	204	199	1,736	204
	1,039	1,319	1,703	1,792	1,789	1,610	898	214	209	1,792	214
Other International											
Retail	335	373	355	380	348	330	392	356	382	380	356
Wholesale	492	541	435	567	433	521	602	579	559	567	579
	827	914	790	947	781	851	994	935	941	947	935
Total											
Retail	959	1,060	1,044	1,078	1,035	1,023	1,038	990	1,032	1,078	990
Wholesale	1,937	2,189	2,515	2,825	2,681	2,680	2,082	1,295	1,347	2,825	1,295
Total gross impaired loans	2,896	3,249	3,559	3,903	3,716	3,703	3,120	2,285	2,379	3,903	2,285

¹ Wholesale - Real estate and related gross impaired loans in Q3/17 is comprised of amounts based in Canada of \$192 million, United States of \$138 million and Other International of \$87 million.

² Geographic information is based on residence of borrower.

³ Includes acquired credit-impaired loans related to the acquisition of City National.

GROSS IMPAIRED LOANS <i>continued</i> (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2016	2015
Impaired loan book movements (Change in gross impaired loans)											
Impaired loans beginning balance										990	1,025
Retail	1,060	1,044	1,078	1,035	1,023	1,038	990	1,032	1,045	1,295	952
Wholesale	2,189	2,515	2,825	2,681	2,680	2,082	1,295	1,347	1,100	2,285	1,977
Classified as impaired during the period (New impaired) ¹	3,249	3,559	3,903	3,716	3,703	3,120	2,285	2,379	2,145	2,285	1,977
Retail	278	314	305	345	314	350	275	243	232	1,284	1,008
Wholesale	216	287	344	572	520	1,028	269	123	266	2,389	701
Transferred to not impaired during the period (Return to performing status) ¹	494	601	649	917	834	1,378	544	366	498	3,673	1,709
Retail	-	-	(3)	-	-	-	-	-	-	-	-
Wholesale	(41)	(409)	(138)	(183)	(50)	(95)	(4)	(21)	(2)	(332)	(41)
Net repayments	(41)	(409)	(141)	(183)	(50)	(95)	(4)	(21)	(2)	(332)	(41)
Retail	(44)	(19)	(19)	(9)	(15)	(6)	(13)	(4)	(3)	(43)	(9)
Wholesale	(181)	(201)	(415)	(266)	(333)	(142)	(162)	(60)	(15)	(903)	(149)
Amounts written off	(225)	(220)	(434)	(275)	(348)	(148)	(175)	(64)	(18)	(946)	(158)
Retail	(297)	(299)	(301)	(303)	(308)	(309)	(282)	(273)	(278)	(1,202)	(1,095)
Wholesale	(54)	(55)	(35)	(51)	(169)	(36)	(65)	(101)	(48)	(321)	(243)
Recoveries of loans and advances previously written off	(351)	(354)	(336)	(354)	(477)	(345)	(347)	(374)	(326)	(1,523)	(1,338)
Retail	-	-	-	-	-	-	-	-	-	-	-
Wholesale	-	-	-	-	-	-	-	-	-	-	-
Disposal of loans (sold) ¹	-	-	-	-	-	-	-	-	-	-	-
Retail	-	-	-	-	-	-	-	-	-	-	-
Wholesale	(10)	(33)	(2)	-	(61)	(6)	-	-	-	(67)	-
Exchange and other movements ¹	(10)	(33)	(2)	-	(61)	(6)	-	-	-	(67)	-
Retail	(38)	20	(16)	10	21	(50)	68	(8)	36	49	61
Wholesale	(182)	85	(64)	72	94	(151)	749	7	46	764	75
Balance at end of period	(220)	105	(80)	82	115	(201)	817	(1)	82	813	136
Retail	959	1,060	1,044	1,078	1,035	1,023	1,038	990	1,032	1,078	990
Wholesale	1,937	2,189	2,515	2,825	2,681	2,680	2,082	1,295	1,347	2,825	1,295
	2,896	3,249	3,559	3,903	3,716	3,703	3,120	2,285	2,379	3,903	2,285
Net impaired loans by geography ² and portfolio											
Canada											
Residential mortgages	294	330	339	333	337	331	320	329	346	333	329
Personal	106	114	123	123	131	141	126	127	128	123	127
Small business	20	22	21	26	25	23	23	26	24	26	26
Retail	420	466	483	482	493	495	469	482	498	482	482
Business	339	284	308	403	375	377	404	401	441	403	401
Sovereign	-	-	-	-	-	-	-	-	-	-	-
Bank	-	-	-	-	-	-	-	-	-	-	-
Wholesale	339	284	308	403	375	377	404	401	441	403	401
United States ³											
Retail	60	75	49	54	42	41	21	9	9	54	9
Wholesale	740	1,034	1,458	1,559	1,569	1,419	826	157	163	1,559	157
	800	1,109	1,507	1,613	1,611	1,460	847	166	172	1,613	166
Other International											
Retail	172	193	186	200	180	165	199	187	199	200	187
Wholesale	347	368	260	396	304	356	415	395	367	396	395
	519	561	446	596	484	521	614	582	566	596	582
Total											
Retail	652	734	718	736	715	701	689	678	706	736	678
Wholesale	1,426	1,686	2,026	2,358	2,248	2,152	1,645	953	971	2,358	953
Total net impaired loans	2,078	2,420	2,744	3,094	2,963	2,853	2,334	1,631	1,677	3,094	1,631

¹ Certain GIL movements for Canadian Banking retail and wholesale portfolios are generally allocated to New Impaired, as Return to performing status, Net repayments, Sold, and Exchange and other movements amounts are not reasonably determinable. Certain GIL movements for Caribbean Banking retail and wholesale portfolios are generally allocated to Net repayments and New Impaired, as Return to performing status, Sold, and Exchange and other movements amounts are not reasonably determinable. For Q1/16, Exchange and other movements includes \$680 million of acquired credit impaired loans from City National at the acquisition date.

² Geographic information is based on residence of borrower, net of allowance for impaired loans.

³ Includes acquired credit-impaired loans related to the acquisition of City National.

GROSS IMPAIRED LOANS <i>continued</i> (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2016	2015
Net write-offs by geography¹ and portfolio											
Canada											
Residential mortgages	7	7	6	4	7	5	5	8	6	21	21
Personal	99	106	108	111	110	115	103	98	94	439	379
Credit cards	108	109	107	106	114	112	104	91	94	436	370
Small business	6	9	6	8	9	6	7	6	8	30	30
Retail	220	231	227	229	240	238	219	203	202	926	800
Business	22	17	3	33	103	19	21	69	28	176	140
Sovereign	-	-	-	-	-	-	-	-	-	-	-
Bank	-	-	-	-	-	-	-	-	-	-	-
Wholesale	22	17	3	33	103	19	21	69	28	176	140
United States²											
Retail	-	1	1	-	(1)	1	-	1	-	-	2
Wholesale	11	26	7	9	24	(1)	39	5	(1)	71	11
	11	27	8	9	23	-	39	6	(1)	71	13
Other International											
Retail	6	7	7	9	7	6	6	9	11	28	52
Wholesale	1	5	(7)	1	31	5	(1)	18	15	36	58
	7	12	-	10	38	11	5	27	26	64	110
Total											
Retail	226	239	235	238	246	245	225	213	213	954	854
Wholesale	34	48	3	43	158	23	59	92	42	283	209
Total net write-offs	260	287	238	281	404	268	284	305	255	1,237	1,063

¹ Geographic information is based on residence of borrower.

² Includes acquired credit-impaired loans related to the acquisition of City National.

PROVISION FOR CREDIT LOSSES (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017	2016	2016	2015
										9 months	9 months		
Provision for credit losses on impaired loans by portfolio and sector													
Retail													
Residential mortgages	10	20	6	28	11	10	28	11	14	36	49	77	47
Personal	101	97	109	118	110	112	118	96	96	307	340	458	388
Credit cards	108	110	110	107	116	115	104	94	95	328	335	442	378
Small business	7	8	7	9	8	9	8	7	7	22	25	34	32
	226	235	232	262	245	246	258	208	212	693	749	1,011	845
Wholesale													
Business													
Agriculture	1	-	3	2	3	4	1	-	5	4	8	10	9
Automotive	1	-	7	3	-	9	1	-	1	8	10	13	3
Consumer goods	2	3	(2)	6	9	-	5	12	7	3	14	20	33
Energy													
Oil and gas	(2)	32	(39)	69	30	115	106	23	14	(9)	251	320	47
Utilities	5	-	-	(1)	4	(5)	18	-	3	5	17	16	9
Financing products	(18)	(1)	-	1	(1)	1	-	1	-	(19)	-	1	39
Forest products	-	2	1	1	1	2	-	7	(2)	3	3	4	6
Health services	4	2	2	2	2	-	-	-	-	8	2	4	-
Holding and investments	(1)	1	1	4	(4)	(1)	1	2	-	1	(4)	-	18
Industrial products	5	3	3	2	6	2	2	2	2	11	10	12	4
Mining and metals	-	(4)	-	1	4	1	1	6	1	(4)	6	7	8
Non-bank financial services	3	-	-	-	-	-	-	6	-	3	-	-	7
Other services	3	8	3	(13)	2	6	-	1	2	14	8	(5)	4
Real estate and related ¹	58	3	66	6	3	17	10	(3)	22	127	30	36	29
Technology and media	7	3	6	6	1	1	-	4	(4)	16	2	8	5
Transportation and environment	-	1	(1)	(3)	(2)	3	(2)	1	3	-	(1)	(4)	8
Other	25	13	12	13	9	7	7	5	4	50	23	36	24
Sovereign	-	-	-	-	-	-	-	-	-	-	-	-	-
Bank	-	-	-	(3)	-	-	-	-	-	-	-	(3)	(1)
	93	66	62	96	67	162	150	67	58	221	379	475	252
Acquired credit-impaired loans	1	1	-	-	6	2	2	-	-	2	10	10	-
Total provision for credit losses on impaired loans	320	302	294	358	318	410	410	275	270	916	1,138	1,496	1,097
Total provision for credit losses for loans not yet identified as impaired	-	-	-	-	-	50	-	-	-	-	50	50	-
Total provision for credit losses	320	302	294	358	318	460	410	275	270	916	1,188	1,546	1,097
Individually assessed	62	28	26	55	38	136	122	46	26	116	296	351	149
Collectively assessed	258	274	268	303	280	324	288	229	244	800	892	1,195	948
Total provision for credit losses	320	302	294	358	318	460	410	275	270	916	1,188	1,546	1,097
Provision for credit losses on impaired loans by geography ² and portfolio													
Canada													
Residential mortgages	7	9	6	16	7	8	11	8	6	22	26	42	27
Personal	101	100	109	116	110	117	116	102	98	310	343	459	393
Credit cards	107	109	108	105	114	113	103	93	92	324	330	435	371
Small business	7	8	7	9	8	9	8	7	7	22	25	34	32
Retail	222	226	230	246	239	247	238	210	203	678	724	970	823
Business	37	28	11	31	20	45	117	35	42	76	182	213	116
Sovereign	-	-	-	-	-	-	-	-	-	-	-	-	-
Bank	-	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale	37	28	11	31	20	45	117	35	42	76	182	213	116
Total Canada	259	254	241	277	259	292	355	245	245	754	906	1,183	939
United States ³													
Retail	-	1	-	-	1	-	-	-	-	1	1	1	1
Wholesale	67	42	42	20	57	112	38	19	4	151	207	227	40
	67	43	42	20	58	112	38	19	4	152	208	228	41
Other International													
Retail	4	8	2	17	5	(1)	20	(2)	9	14	24	41	21
Wholesale	(10)	(3)	9	44	(4)	7	(3)	13	12	(4)	-	44	96
	(6)	5	11	61	1	6	17	11	21	10	24	85	117
Total													
Retail	226	235	232	263	245	246	258	208	212	693	749	1,012	845
Wholesale	94	67	62	95	73	164	152	67	58	223	389	484	252
	320	302	294	358	318	410	410	275	270	916	1,138	1,496	1,097

¹ Wholesale - Real estate and related provision for credit losses in Q3/17 are comprised of losses based in Canada of \$24 million, United States of \$33 million, and Other International of \$1 million.

² Geographic information is based on residence of borrower.

³ Includes acquired credit-impaired loans related to the acquisition of City National.

ALLOWANCE FOR CREDIT LOSSES (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2016	2015
Allowance for credit losses on impaired loans by portfolio and sector											
Retail											
Residential mortgages	161	175	163	177	165	161	180	159	168	177	159
Personal	127	132	142	144	135	139	150	134	140	144	134
Small business	18	18	20	20	20	22	19	19	18	20	19
	306	325	325	341	320	322	349	312	326	341	312
Wholesale											
Business											
Agriculture	5	5	6	6	8	6	5	6	7	6	6
Automotive	6	6	22	14	13	13	5	5	5	14	5
Consumer goods	18	20	25	31	30	30	27	26	26	31	26
Energy											
Oil and gas	128	154	137	176	118	198	94	25	28	176	25
Utilities	-	3	4	5	6	3	28	10	10	5	10
Financing products	22	43	42	44	42	41	45	42	42	44	42
Forest products	2	6	4	5	4	3	16	16	10	5	16
Health services	8	6	6	6	6	6	6	6	6	6	6
Holding and investments	8	10	9	9	7	39	45	43	46	9	43
Industrial products	14	12	10	12	13	12	12	14	16	12	14
Mining and metals	4	4	8	9	9	5	5	5	1	9	5
Non-bank financial services	4	1	1	-	-	-	-	-	-	-	-
Other services	19	24	22	21	40	39	24	25	28	21	25
Real estate and related ¹	155	115	116	59	63	70	68	66	89	59	66
Technology and media	34	26	23	24	12	12	11	12	15	24	12
Transportation and environment	10	11	11	11	13	18	17	17	17	11	17
Other	72	55	42	33	39	27	25	22	28	33	22
Sovereign	-	-	-	-	-	-	-	-	-	-	-
Bank	-	-	-	-	2	2	2	2	2	-	2
	509	501	488	465	425	524	435	342	376	465	342
Acquired credit-impaired loans	3	3	2	3	8	4	2	-	-	3	-
Total	818	829	815	809	753	850	786	654	702	809	654
Allowance for loans not yet identified as impaired											
Retail											
Residential mortgages	93	98	95	96	93	81	86	83	84	96	83
Personal	377	386	384	385	386	395	398	396	400	385	396
Credit cards	386	386	387	386	385	386	386	386	385	386	386
Small business	40	45	45	45	45	45	45	45	45	45	45
	896	915	911	912	909	907	915	910	914	912	910
Wholesale	522	514	513	514	515	514	468	465	462	514	465
Off-balance sheet and other items	91	91	91	91	91	91	91	91	91	91	91
Total	1,509	1,520	1,515	1,517	1,515	1,512	1,474	1,466	1,467	1,517	1,466
Total allowance for credit losses	2,327	2,349	2,330	2,326	2,268	2,362	2,260	2,120	2,169	2,326	2,120
Individually assessed - Impaired	383	377	377	365	322	430	340	252	270	365	252
Collectively assessed - Impaired	435	452	438	444	431	420	446	402	432	444	402
Collectively assessed - Not yet identified as impaired	1,509	1,520	1,515	1,517	1,515	1,512	1,474	1,466	1,467	1,517	1,466
Total allowance for credit losses	2,327	2,349	2,330	2,326	2,268	2,362	2,260	2,120	2,169	2,326	2,120

¹ Wholesale - Real estate and related allowance for credit losses in Q3/17 is comprised of allowances based in Canada of \$39 million, United States of \$88 million and Other International of \$28 million.

ALLOWANCE FOR CREDIT LOSSES <i>continued</i> (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2016	2015
Allowance for credit losses on impaired loans by geography¹ and portfolio											
Canada											
Residential mortgages	30	32	33	35	29	29	30	27	29	35	27
Personal	95	95	103	105	102	105	106	96	95	105	96
Small business	18	18	20	20	20	22	19	19	18	20	19
Retail	143	145	156	160	151	156	155	142	142	160	142
Business	128	121	119	119	127	214	200	111	148	119	111
Sovereign	-	-	-	-	-	-	-	-	-	-	-
Bank	-	-	-	-	-	-	-	-	-	-	-
Wholesale	128	121	119	119	127	214	200	111	148	119	111
Canada - Total	271	266	275	279	278	370	355	253	290	279	253
United States²											
Retail	1	1	1	2	1	1	1	1	1	2	1
Wholesale	238	209	195	177	177	149	50	47	36	177	47
United States - Total	239	210	196	179	178	150	51	48	37	179	48
Other International											
Retail	163	180	169	180	168	165	193	169	183	180	169
Wholesale	145	173	175	171	129	165	187	184	192	171	184
Other International - Total	308	353	344	351	297	330	380	353	375	351	353
Total allowance for impaired loans	818	829	815	809	753	850	786	654	702	809	654
Total allowance for loans not yet identified as impaired	1,509	1,520	1,515	1,517	1,515	1,512	1,474	1,466	1,467	1,517	1,466
Total allowance for credit losses	2,327	2,349	2,330	2,326	2,268	2,362	2,260	2,120	2,169	2,326	2,120
Allowance for credit losses by type											
Allowance for loan losses	2,236	2,258	2,239	2,235	2,177	2,271	2,169	2,029	2,078	2,235	2,029
Allowance for off-balance sheet items	91	91	91	91	91	91	91	91	91	91	91
Total	2,327	2,349	2,330	2,326	2,268	2,362	2,260	2,120	2,169	2,326	2,120
Impairment allowance - movements (Allowance for credit losses continuity)											
Allowance for impaired loans²											
Balance at beginning of period	829	815	809	753	850	786	654	702	668	654	632
Amounts written off	(351)	(354)	(336)	(354)	(477)	(345)	(347)	(374)	(326)	(1,523)	(1,338)
Recoveries of amounts written off in previous periods	91	67	98	73	73	77	63	69	71	286	275
Charge to income statement (Provision for credit losses) ³	320	302	294	358	318	410	410	275	270	1,496	1,097
Disposal of loans ³	-	-	-	-	-	-	-	-	-	-	-
Exchange and other movements ⁴	(71)	(1)	(50)	(21)	(11)	(78)	6	(18)	19	(104)	(12)
Balance at the end of the period	818	829	815	809	753	850	786	654	702	809	654
Allowance for loans not yet identified as impaired											
Balance at beginning of period	1,520	1,515	1,517	1,515	1,512	1,474	1,466	1,467	1,460	1,466	1,453
Amounts written off	-	-	-	-	-	-	-	-	-	-	-
Recoveries of amounts written off in previous periods	-	-	-	-	-	-	-	-	-	-	-
Charge to income statement (Provision for credit losses) ³	-	-	-	-	-	50	-	-	-	50	-
Disposal of loans ³	-	-	-	-	-	-	-	-	-	-	-
Exchange and other movements ⁴	(11)	5	(2)	2	3	(12)	8	(1)	7	1	13
Balance at end of the period	1,509	1,520	1,515	1,517	1,515	1,512	1,474	1,466	1,467	1,517	1,466
Impairment allowance (Allowance for credit losses)	2,327	2,349	2,330	2,326	2,268	2,362	2,260	2,120	2,169	2,326	2,120

¹ Geographic information is based on residence of borrower.

² Includes acquired credit-impaired loans related to the acquisition of City National.

³ PCL related to the sale of impaired loans is now presented in Disposal of loans.

⁴ Exchange and other movements include primarily foreign exchange translations on non-Canadian dollar denominated ACL.

CREDIT QUALITY RATIOS	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017	2016	2016	2015
										9 months	9 months		
Diversification ratios													
Portfolio as a % of Total loans and acceptances													
Retail	69%	68%	69%	69%	69%	69%	68%	71%	72%	69%	69%	69%	71%
Wholesale	31%	32%	31%	31%	31%	31%	32%	29%	28%	31%	31%	31%	29%
Canada	82%	79%	80%	80%	80%	80%	78%	85%	85%	82%	80%	80%	85%
United States	13%	15%	14%	14%	14%	14%	15%	8%	8%	13%	14%	14%	8%
Other International	5%	6%	6%	6%	6%	6%	7%	7%	7%	5%	6%	6%	7%
Condition ratios													
Gross Impaired Loans (GILs) as a % of Related loans and acceptances													
Retail	0.53%	0.59%	0.66%	0.73%	0.70%	0.71%	0.59%	0.47%	0.50%	0.53%	0.70%	0.73%	0.47%
Wholesale	0.25%	0.28%	0.28%	0.29%	0.28%	0.28%	0.29%	0.28%	0.30%	0.25%	0.28%	0.29%	0.28%
Canada	1.13%	1.25%	1.50%	1.69%	1.61%	1.63%	1.22%	0.93%	1.01%	1.13%	1.61%	1.69%	0.93%
United States	0.23%	0.23%	0.25%	0.27%	0.27%	0.30%	0.29%	0.27%	0.30%	0.23%	0.27%	0.27%	0.27%
Other International	1.43%	1.63%	2.27%	2.34%	2.36%	2.20%	1.13%	0.53%	0.53%	1.43%	2.36%	2.34%	0.53%
Net Impaired Loans as a % of Related loans and acceptances													
Retail	2.84%	2.93%	2.64%	3.20%	2.42%	2.66%	2.80%	2.83%	2.78%	2.84%	2.42%	3.20%	2.83%
Wholesale	0.38%	0.44%	0.51%	0.58%	0.56%	0.54%	0.44%	0.33%	0.35%	0.38%	0.56%	0.58%	0.33%
Canada	0.17%	0.20%	0.19%	0.20%	0.20%	0.19%	0.19%	0.19%	0.21%	0.17%	0.20%	0.20%	0.19%
United States	0.83%	0.96%	1.21%	1.41%	1.35%	1.31%	0.96%	0.68%	0.72%	0.83%	1.35%	1.41%	0.68%
Other International	0.17%	0.17%	0.18%	0.21%	0.21%	0.21%	0.21%	0.21%	0.23%	0.17%	0.21%	0.21%	0.21%
PCL as a % of Average net loans and acceptances	1.11%	1.37%	2.01%	2.11%	2.12%	1.99%	1.07%	0.41%	0.44%	1.11%	2.12%	2.11%	0.41%
PCL on impaired loans as a % of Related average net loans and acceptances	1.78%	1.80%	1.49%	2.02%	1.50%	1.63%	1.73%	1.76%	1.67%	1.78%	1.50%	2.02%	1.76%
Retail	0.23%	0.23%	0.22%	0.27%	0.24%	0.36%	0.31%	0.23%	0.23%	0.23%	0.30%	0.29%	0.24%
Wholesale	0.23%	0.23%	0.22%	0.27%	0.24%	0.32%	0.31%	0.23%	0.23%	0.23%	0.29%	0.28%	0.24%
Canada	0.24%	0.26%	0.25%	0.29%	0.27%	0.28%	0.29%	0.24%	0.25%	0.25%	0.28%	0.28%	0.25%
United States	0.22%	0.16%	0.15%	0.23%	0.18%	0.40%	0.37%	0.20%	0.18%	0.18%	0.31%	0.29%	0.20%
Other International	0.23%	0.24%	0.22%	0.26%	0.24%	0.29%	0.33%	0.24%	0.24%	0.23%	0.29%	0.28%	0.24%
Canada	0.35%	0.23%	0.22%	0.11%	0.31%	0.60%	0.24%	0.19%	0.05%	0.27%	0.40%	0.32%	0.12%
United States	(0.08%)	0.08%	0.14%	0.79%	0.03%	0.08%	0.18%	0.13%	0.25%	0.04%	0.10%	0.26%	0.36%
Other International													
Coverage ratios													
ACL as a % of Total loans and acceptances	0.42%	0.43%	0.43%	0.43%	0.43%	0.45%	0.43%	0.43%	0.45%	0.42%	0.43%	0.43%	0.43%
ACL against impaired loans as a % of Total loans and acceptances													
Retail	0.15%	0.15%	0.15%	0.15%	0.14%	0.16%	0.15%	0.13%	0.15%	0.15%	0.14%	0.15%	0.13%
Wholesale	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.07%	0.06%	0.07%	0.06%	0.06%	0.06%	0.06%
Canada	0.09%	0.09%	0.09%	0.09%	0.08%	0.10%	0.08%	0.07%	0.08%	0.09%	0.08%	0.09%	0.07%
ACL against impaired loans as a % of GIL	28.24%	25.52%	22.90%	20.72%	20.28%	22.95%	25.20%	28.64%	29.52%	28.24%	20.28%	20.72%	28.64%
Retail	31.98%	30.78%	31.20%	31.69%	30.93%	31.45%	33.63%	31.54%	31.60%	31.98%	30.93%	31.69%	31.54%
Wholesale	26.39%	22.98%	19.45%	16.53%	16.16%	19.71%	21.00%	26.42%	27.92%	26.39%	16.16%	16.53%	26.42%
Total net write-offs as a % of Related average net loans and acceptances													
Retail	0.19%	0.22%	0.18%	0.21%	0.30%	0.21%	0.22%	0.25%	0.22%	0.19%	0.24%	0.23%	0.23%
Wholesale	0.24%	0.26%	0.25%	0.26%	0.27%	0.28%	0.25%	0.24%	0.25%	0.25%	0.27%	0.26%	0.25%
Canada	0.08%	0.12%	0.01%	0.10%	0.38%	0.06%	0.14%	0.27%	0.13%	0.07%	0.19%	0.17%	0.16%
United States	0.22%	0.24%	0.21%	0.24%	0.32%	0.25%	0.22%	0.26%	0.23%	0.22%	0.27%	0.26%	0.24%
Other International	0.06%	0.14%	0.04%	0.05%	0.13%	0.00%	0.24%	0.06%	(0.01)%	0.08%	0.12%	0.10%	0.04%
	0.11%	0.15%	0.01%	0.13%	0.47%	0.14%	0.06%	0.33%	0.32%	0.09%	0.21%	0.20%	0.34%

GROSS CREDIT RISK EXPOSURE BY GEOGRAPHY AND PORTFOLIO ¹ (Millions of Canadian dollars)	Lending-related and other		Trading-related		Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	
	Loans and acceptances				Total	Total	Total	Total	Total	Total	Total	Total	Total	
	Undrawn		Repo-style											
	Outstanding	commitments	Other ²	transactions ³	Derivatives ^{4,5}									
Credit risk exposure by geography ⁶ and portfolio														
Canada														
Residential mortgages	250,998	1,086	161	-	-	252,245	246,753	244,851	242,961	239,256	234,726	233,322	230,161	225,286
Personal	82,861	85,811	172	-	-	168,844	165,551	164,660	164,224	164,817	163,972	163,624	163,152	172,829
Credit cards	17,287	21,293	-	-	-	38,580	40,253	43,781	40,294	39,537	36,609	36,357	39,572	36,191
Small business	4,410	6,903	5	-	-	11,318	11,029	10,167	10,071	9,908	9,584	9,464	9,382	9,266
Retail	355,556	115,093	338	-	-	470,987	464,586	463,459	457,550	453,518	444,891	442,307	442,298	443,572
Business	83,532	35,244	13,519	31,820	13,502	177,617	181,712	173,493	177,271	173,743	163,078	176,441	168,763	163,080
Sovereign	9,632	4,453	16,783	13,891	2,920	47,679	55,096	57,597	55,876	57,009	58,634	58,703	52,025	49,087
Bank	1,255	221	62,604	22,027	4,434	90,541	81,778	76,807	76,941	75,329	71,641	63,842	58,594	61,609
Wholesale	94,419	39,918	92,906	67,738	20,856	315,837	318,586	307,897	310,088	306,081	293,353	298,986	279,382	273,776
Total Canada	449,975	155,011	93,244	67,738	20,856	786,824	783,172	771,356	767,638	759,599	738,244	741,293	721,680	717,348
United States														
Residential mortgages	10,618	2	24	-	-	10,644	11,171	10,312	10,094	9,107	8,394	8,997	773	737
Personal	6,432	540	27	-	-	6,999	7,553	7,202	7,270	6,956	6,891	7,499	4,907	4,796
Credit cards	261	862	-	-	-	1,123	1,284	1,044	1,002	931	882	1,068	718	694
Small business	-	6	-	-	-	6	-	-	-	-	-	-	-	-
Retail	17,311	1,410	51	-	-	18,772	20,008	18,558	18,366	16,994	16,167	17,564	6,398	6,227
Business	51,907	56,685	16,410	196,437	10,596	332,035	364,127	329,855	318,136	322,370	284,884	310,655	245,883	229,323
Sovereign	772	2,779	50,496	3,913	1,037	58,997	50,483	35,109	42,463	42,761	39,673	33,015	20,983	9,715
Bank	2,422	738	12,099	37,223	3,000	55,482	59,920	73,530	70,754	68,698	69,056	72,410	70,912	74,321
Wholesale	55,101	60,202	79,005	237,573	14,633	446,514	474,530	438,494	431,363	433,829	393,613	416,080	337,778	313,359
Total United States	72,412	61,612	79,056	237,573	14,633	465,286	494,538	457,052	449,729	450,823	409,780	433,644	344,176	319,586
Other International														
Residential mortgages	2,967	4	3	-	-	2,974	3,231	3,119	3,220	3,187	3,094	3,542	3,247	3,253
Personal	3,794	245	31	-	-	4,070	4,459	4,226	4,644	4,750	4,884	5,402	5,295	5,400
Credit cards	241	87	-	-	-	328	408	407	403	387	380	411	396	389
Small business	-	10	-	-	-	10	-	-	-	-	-	-	-	-
Retail	7,002	346	34	-	-	7,382	8,098	7,752	8,267	8,325	8,358	9,355	8,938	9,042
Business	20,380	17,438	6,934	75,009	23,897	143,658	150,290	147,082	131,225	137,498	130,764	133,529	127,523	136,788
Sovereign	1,139	2,649	43,532	10,155	12,311	69,786	77,701	64,671	59,257	57,015	52,352	52,994	40,939	53,541
Bank	608	620	48,859	55,414	15,745	121,246	123,847	113,680	105,278	97,630	90,163	98,999	89,007	89,245
Wholesale	22,127	20,707	99,325	140,578	51,953	334,690	351,838	325,433	295,760	292,143	273,279	285,522	257,469	279,574
Total Other International	29,129	21,053	99,359	140,578	51,953	342,072	359,936	333,185	304,027	300,468	281,637	294,877	266,407	288,616
Total exposure	551,516	237,676	271,659	445,889	87,442	1,594,182	1,637,646	1,561,593	1,521,394	1,510,890	1,429,661	1,469,814	1,332,263	1,325,550

¹ Gross credit risk exposure is before allowance for loan losses. Exposure under Basel III asset classes of qualifying revolving retail and other retail are largely included within Personal and Credit cards, while home equity lines of credit are included in Personal.

² Includes contingent liabilities such as letters of credit and guarantees, available-for-sale debt securities, deposits with financial institutions and other assets.

³ Includes repurchase and reverse repurchase agreements and securities lending and borrowing transactions.

⁴ For derivative related credit risk, we utilize the OSFI prescribed Current Exposure Method. Wrong-way risk, which arises when the exposure to a counterparty is positively correlated to the probability of default of that counterparty, is considered in our determination of exposure.

⁵ Credit equivalent amount after factoring in master netting agreements.

⁶ Geographic profile is primarily based on country of residence of the borrower.

RECONCILIATION OF GROSS CREDIT RISK EXPOSURE TO BALANCE SHEET (Millions of Canadian dollars)	Q3/17							
	Lending-related and other			Trading-related		Amount included in credit risk	Amount not included in credit risk	Total assets per balance sheet
	Loans and acceptances			Repo-style transactions	Derivatives			
	Outstanding	Undrawn commitments	Other					
On-balance sheet assets								
Cash and due from banks	-	-	22,513	-	-	22,513	1,789	24,302
Interest-bearing deposits with banks	-	-	36,098	-	-	36,098	-	36,098
Securities								
Trading	-	-	-	-	-	-	128,740	128,740
Available-for-sale	-	-	85,430	-	-	85,430	-	85,430
Assets purchased under reverse repurchase agreements and securities borrowed	-	-	-	208,669	-	208,669	-	208,669
Loans								
Retail	379,869	-	-	-	-	379,869	-	379,869
Wholesale	156,401	-	-	-	-	156,401	-	156,401
Allowance for loan losses	-	-	-	-	-	-	(2,236)	(2,236)
Customers' liability under acceptances	15,246	-	-	-	-	15,246	-	15,246
Derivatives	-	-	-	-	105,833	105,833	-	105,833
Other ¹	-	-	8,156	-	-	8,156	54,539	62,695
Total balance sheet assets	551,516	-	152,197	208,669	105,833	1,018,215	182,832	1,201,047
Undrawn commitments	-	237,676	-	-	-	237,676		
Repo-style transactions ²	-	-	-	183,183	-	183,183		
Netting and other valuation adjustments ³	-	-	-	54,037	(18,391)	35,646		
Other ⁴	-	-	119,462	-	-	119,462		
Total credit risk exposure	551,516	237,676	271,659	445,889	87,442	1,594,182		

¹ Represents other on-balance sheet assets such as goodwill, other intangibles, receivables, premises and equipment.

² Collateral on Obligations related to assets sold under repurchase agreements and securities loaned, and off-balance sheet securities borrowing and lending.

³ Impact of netting agreements and other valuation adjustments on derivatives and repo-style transactions.

⁴ Represents commitments related to securities lending indemnifications, financial guarantees and letters of credit.

EXPOSURE COVERED BY CREDIT RISK MITIGATION (Millions of Canadian dollars)	Q3/17				Q2/17				Q1/17				Q4/16			
	Standardized		IRB ²		Standardized		IRB ²		Standardized		IRB ²		Standardized		IRB ²	
	Eligible financial collateral ¹	Guarantees/credit derivatives	Guarantees/credit derivatives	Total	Eligible financial collateral ¹	Guarantees/credit derivatives	Guarantees/credit derivatives	Total	Eligible financial collateral ¹	Guarantees/credit derivatives	Guarantees/credit derivatives	Total	Eligible financial collateral ¹	Guarantees/credit derivatives	Guarantees/credit derivatives	Total
Retail																
Residential mortgages	-	14,362	89,780	104,142	-	13,540	91,067	104,607	-	14,489	85,119	99,608	-	14,547	87,155	101,702
Personal	-	4,735	1,018	5,753	-	4,656	1,076	5,732	-	4,660	1,050	5,710	-	4,772	1,004	5,776
Small business	-	-	364	364	-	-	343	343	-	-	291	291	-	-	288	288
	-	19,097	91,162	110,259	-	18,196	92,486	110,682	-	19,149	86,460	105,609	-	19,319	88,447	107,766
Wholesale																
Business	10,397	-	3,417	13,814	8,414	-	3,258	11,672	7,123	-	3,396	10,519	8,895	-	3,507	12,402
Sovereign	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10,397	-	3,417	13,814	8,414	-	3,258	11,672	7,123	-	3,396	10,519	8,895	-	3,507	12,402
Total exposure covered by credit risk mitigation	10,397	19,097	94,579	124,073	8,414	18,196	95,744	122,354	7,123	19,149	89,856	116,128	8,895	19,319	91,954	120,168

CREDIT EXPOSURE BY RESIDUAL CONTRACTUAL MATURITY (Millions of Canadian dollars)	Q3/17				Q2/17				Q1/17				Q4/16			
	Residual contractual maturity term				Residual contractual maturity term				Residual contractual maturity term				Residual contractual maturity term			
	Within 1 year	1 to 5 years	Over 5 years	Total	Within 1 year	1 to 5 years	Over 5 years	Total	Within 1 year	1 to 5 years	Over 5 years	Total	Within 1 year	1 to 5 years	Over 5 years	Total
Lending-related and other																
Outstanding loans and acceptances	243,378	280,748	27,390	551,516	250,084	273,827	25,108	549,019	222,167	277,982	38,059	538,208	218,523	280,156	38,003	536,682
Undrawn commitments	161,798	73,550	2,328	237,676	167,742	77,319	3,163	248,224	162,399	75,949	1,981	240,329	161,824	74,514	2,976	239,314
Other ³	203,079	41,165	27,415	271,659	207,164	46,451	23,766	277,381	184,628	45,612	28,110	258,350	176,535	48,256	28,029	252,820
	608,255	395,463	57,133	1,060,851	624,990	397,597	52,037	1,074,624	569,194	399,543	68,150	1,036,887	556,882	402,926	69,008	1,028,816
Trading-related																
Repo-style transactions ⁴	420,707	25,182	-	445,889	449,577	19,873	-	469,450	421,755	18,437	-	440,192	382,897	13,116	-	396,013
Derivatives ⁵	26,894	29,561	30,987	87,442	31,696	29,359	32,517	93,572	26,957	27,827	29,730	84,514	30,416	32,934	33,215	96,565
	447,601	54,743	30,987	533,331	481,273	49,232	32,517	563,022	448,712	46,264	29,730	524,706	413,313	46,050	33,215	492,578
Total exposure⁶	1,055,856	450,206	88,120	1,594,182	1,106,263	446,829	84,554	1,637,646	1,017,906	445,807	97,880	1,561,593	970,195	448,976	102,223	1,521,394

¹ Eligible financial collateral includes cash and deposits, as well as qualifying debt securities, equities and mutual funds.

² Under the IRB Approach, disclosure on eligible financial collateral is not required as the benefit the collateral provides has been taken into account in the Loss Given Default (LGD) estimates in our internal LGD risk rating system.

³ Includes contingent liabilities such as letters of credit and guarantees, available-for-sale debt securities, deposits with financial institutions and other assets.

⁴ Includes repurchase and reverse repurchase agreements and securities lending and borrowing transactions.

⁵ Credit equivalent amount after factoring in master netting agreements.

⁶ Represents exposure at default, which is the expected gross exposure upon the default of an obligor. This amount is before allowance for loan losses and does not reflect the impact of credit risk mitigation.

CREDIT EXPOSURE OF PORTFOLIOS UNDER THE STANDARDIZED APPROACH BY RISK WEIGHT (Millions of Canadian dollars, except percentage amounts)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15
	Gross exposure ¹								
Risk weight ²									
0%	11,554	10,429	9,859	13,379	6,182	7,158	4,440	1,664	1,621
20%	18,783	17,704	18,524	20,764	15,783	13,771	13,650	984	1,441
35%	12,163	11,973	11,851	11,398	10,346	9,674	10,358	5,073	1,750
50%	868	562	732	1,138	3,977	3,793	4,446	3,430	2,550
75%	27,875	27,558	27,992	28,547	28,536	28,377	29,142	21,889	24,334
100%	49,884	51,239	50,710	51,739	51,473	48,960	56,617	27,700	34,151
150%	942	897	735	754	696	717	1,123	510	568
Total	122,069	120,362	120,403	127,719	116,993	112,450	119,776	61,250	66,415

ACTUAL LOSSES VS. ESTIMATED LOSSES	Q3/17		Q2/17		Q1/17		Q4/16		Average historical actual loss rate ⁵
	Actual loss rate ³	Estimated loss rate ⁴	Actual loss rate ³	Estimated loss rate ⁴	Actual loss rate ³	Estimated loss rate ⁴	Actual loss rate ³	Estimated loss rate ⁴	
Residential mortgages	0.02%	0.08%	0.03%	0.09%	0.02%	0.09%	0.03%	0.09%	0.02%
Personal	0.46%	0.75%	0.47%	0.78%	0.48%	0.78%	0.49%	0.76%	0.62%
Credit cards	2.51%	3.48%	2.60%	3.66%	2.68%	3.72%	2.68%	3.48%	3.05%
Small business	0.78%	2.53%	0.83%	2.62%	0.86%	2.54%	0.88%	2.59%	1.47%
Retail	0.26%	0.44%	0.26%	0.46%	0.27%	0.46%	0.28%	0.46%	0.35%
Business	0.20%	0.81%	0.19%	0.79%	0.26%	0.70%	0.31%	0.66%	0.34%
Sovereign	0.00%	0.06%	0.00%	0.05%	0.00%	0.05%	0.00%	0.06%	0.00%
Bank	0.00%	0.14%	0.00%	0.17%	0.00%	0.17%	0.00%	0.16%	0.10%
Wholesale	0.19%	0.77%	0.18%	0.75%	0.24%	0.67%	0.29%	0.63%	0.34%

BASEL PILLAR 3 BACK-TESTING (INTERNAL RATINGS BASED) ⁶	Q3 2017					
	Average probability of default (PD)		Average loss given default (LGD)		Average Exposure at Default (EAD) ⁷	
	Actual %	Estimated %	Actual %	Estimated %	Actual %	Estimated %
Retail						
Residential mortgages						
Uninsured	0.54%	1.12%	5.38%	17.15%	100.00%	100.00%
Insured	0.86%	1.99%	n.a.	n.a.	100.00%	100.00%
Personal	0.72%	1.29%	58.37%	61.45%	98.41%	101.99%
Credit cards	0.95%	1.49%	91.67%	95.73%	98.52%	109.45%
Small business	2.20%	4.44%	40.01%	81.66%	97.60%	98.68%
Wholesale						
Business	0.77%	3.27%	14.71%	40.85%	26.78%	53.01%
Sovereign	0.05%	0.48%	n.a.	25.52%	n.a.	44.74%
Bank	0.14%	1.81%	89.73%	43.98%	11.13%	31.36%

BASEL PILLAR 3 BACK-TESTING (INTERNAL RATINGS BASED) ⁸	Q2 2017					
	Average probability of default (PD)		Average loss given default (LGD)		Average Exposure at Default (EAD) ⁷	
	Actual %	Estimated %	Actual %	Estimated %	Actual %	Estimated %
Retail						
Residential mortgages						
Uninsured	0.55%	1.15%	5.34%	16.99%	100.00%	100.00%
Insured	0.87%	2.04%	n.a.	n.a.	100.00%	100.00%
Personal	0.74%	1.33%	58.11%	61.24%	98.35%	102.03%
Credit cards	0.96%	1.53%	91.45%	95.72%	98.51%	109.33%
Small business	2.25%	4.45%	40.52%	81.95%	97.65%	98.73%
Wholesale						
Business	0.73%	3.27%	21.72%	41.10%	25.21%	53.14%
Sovereign	0.05%	0.44%	n.a.	26.28%	n.a.	44.95%
Bank	0.28%	1.69%	89.74%	43.71%	3.93%	33.00%

¹ Represents exposure at default, which is the expected gross exposure upon the default of an obligor. This amount is before allowance for loan losses and does not reflect the impact of credit risk mitigation.

² To determine the appropriate risk weight, credit assessments by OSFI-recognized external credit rating agencies of S&P, Moody's, Fitch and DBRS are used. For rated exposures, primarily in the sovereign and bank classes, we assign the risk weight corresponding to OSFI's standard mapping. For unrated exposures, mainly in the business and retail classes, we generally apply OSFI prescribed risk weights in accordance with OSFI's standards and guidelines taking into consideration certain exposure specific factors including counterparty type, exposure type and credit risk mitigation technique employed.

³ Actual loss reflects internal credit loss experience realized over a given period. Actual loss rate is the sum of provision for credit losses on impaired loans divided by average of loans and acceptances period end outstanding for the current and prior 3-quarter period.

⁴ Estimated loss represents expected loss which is calculated using the Basel III "through the cycle" parameters of probability of default x loss given default x exposure at default, estimated based on available historical loss data for Advanced Internal Ratings Based (AIRB) exposures. Estimated loss rate is the expected loss divided by loans and acceptances outstanding at the beginning of the applicable consecutive 4-quarter period defined above. Actual loss will normally exceed estimated loss during economic downturns and come below in periods of expansion.

⁵ Average annual actual loss rate from fiscal 2003 through to the most recent full year. The information is updated on an annual basis and is based on consolidated results. The Average historical actual loss rate on a continuing operations basis is 0.35%.

⁶ Back-testing is performed to check the effectiveness of the models used to measure PD, LGD and EAD. Estimated percentages are as of April 30, 2016 (April 30, 2015 for Retail LGD) and actual percentages reflect experience in the following 12 months (24 months for Retail LGD).

⁷ For retail, EAD rate represents the utilization of the authorized credit limit. For wholesale, EAD rate represents the utilization of the undrawn amount where the undrawn amount is equal to the authorized credit limit minus the outstanding balance.

⁸ Estimated percentages are as of January 31, 2016 (January 31, 2015 for Retail LGD) and actual percentages reflect experience in the following 12 months (24 months for Retail LGD).

CREDIT QUALITY OF INTERNAL RATINGS BASED (IRB) EXPOSURE - RETAIL PORTFOLIOS BY PORTFOLIO AND RISK RATING (Millions of Canadian dollars, except percentage amounts)		Q3/17								Q2/17									
		Exposure at default (EAD)	Notional of undrawn commitments	Exposure weighted- average EAD % ²	Exposure weighted- average probability of default (PD) % ²	Exposure weighted- average loss given default (LGD) % ²	Exposure weighted- average risk weight % ²	Risk weighted assets (RWA)	Expected losses (EL)	EL adjusted average risk weight (%)	Exposure at default (EAD) ¹	Notional of undrawn commitments	Exposure weighted- average EAD % ²	Exposure weighted- average probability of default (PD) % ²	Exposure weighted- average loss given default (LGD) % ²	Exposure weighted- average risk weight % ²	Risk weighted assets (RWA)	Expected losses (EL)	EL adjusted average risk weight (%)
Portfolio / Risk Category	PD Range(%)																		
Residential Mortgages and HELOCs																			
Insured Drawn and Undrawn																			
Exceptionally low risk	0.000% to 0.108%	92,167	-	0.00%	0.01%	13.94%	2.40%	2,216	2	2.43%	93,494	-	0.00%	0.01%	13.93%	2.40%	2,247	2	2.43%
	0.109% to 0.214%	24	-	0.00%	0.17%	14.68%	39.88%	9	-	40.82%	19	-	0.00%	0.17%	14.46%	39.88%	7	-	40.82%
Very low risk	0.215% to 0.308%	1,077	106	100.00%	0.30%	13.39%	8.51%	92	-	9.03%	1,082	102	100.00%	0.30%	13.39%	8.37%	90	-	8.89%
	0.309% to 0.590%	222	199	100.00%	0.33%	12.71%	7.28%	16	-	7.80%	242	217	100.00%	0.33%	12.71%	7.28%	18	-	7.80%
Low risk	0.591% to 1.040%	146	-	0.00%	0.69%	15.38%	15.03%	22	-	16.36%	154	-	0.00%	0.69%	15.38%	15.03%	23	-	16.36%
	1.041% to 1.718%	160	32	100.00%	1.17%	13.27%	18.39%	29	-	20.32%	178	39	100.00%	1.17%	13.26%	18.37%	33	-	20.30%
Medium risk	1.719% to 2.969%	234	93	100.00%	2.24%	14.38%	29.67%	69	1	33.66%	246	111	100.00%	2.23%	14.40%	29.59%	73	1	33.58%
	2.970% to 6.430%	116	6	100.00%	3.21%	13.52%	34.87%	41	1	40.35%	126	6	100.00%	3.21%	13.53%	34.91%	44	1	40.39%
High risk	6.431% to 99.99%	66	3	100.00%	22.60%	13.71%	58.35%	39	2	96.80%	58	2	100.00%	24.79%	13.55%	57.67%	34	2	99.73%
Default	100%	4	-	0.00%	100.00%	12.95%	161.90%	6	-	161.90%	4	-	0.00%	100.00%	12.96%	161.98%	6	-	161.98%
Total Insured Drawn & Undrawn		94,216	439	100.00%	0.05%	13.93%	2.69%	2,539	6	2.77%	95,603	477	100.00%	0.05%	13.92%	2.69%	2,575	6	2.77%
Uninsured Undrawn																			
Exceptionally low risk	0.000% to 0.108%	51,349	74,656	68.78%	0.09%	14.79%	3.16%	1,624	7	3.32%	50,607	73,625	68.74%	0.09%	14.67%	3.13%	1,586	6	3.29%
	0.109% to 0.214%	-	-	0.00%	0.00%	0.00%	0.00%	-	-	0.00%	-	-	0.00%	0.00%	0.00%	0.00%	-	-	0.00%
Very low risk	0.215% to 0.308%	29	29	100.00%	0.26%	98.76%	47.70%	14	-	50.87%	18	18	100.00%	0.26%	98.76%	47.70%	8	-	50.87%
	0.309% to 0.590%	-	-	0.00%	0.00%	0.00%	0.00%	-	-	0.00%	-	-	0.00%	0.00%	0.00%	0.00%	-	-	0.00%
Low risk	0.591% to 1.040%	34	34	100.00%	0.69%	16.04%	15.68%	17	-	17.07%	33	33	100.00%	0.69%	16.05%	15.69%	5	-	17.08%
	1.041% to 1.718%	664	952	69.70%	1.08%	15.87%	20.65%	135	1	22.76%	662	951	69.66%	1.08%	14.94%	19.64%	130	1	21.65%
Medium risk	1.719% to 2.969%	691	913	75.71%	2.53%	17.29%	38.75%	268	3	44.20%	607	808	75.06%	2.57%	16.29%	36.87%	224	3	42.09%
	2.970% to 6.430%	67	154	43.56%	5.69%	18.56%	65.81%	44	1	79.23%	30	69	43.65%	5.65%	14.61%	51.32%	16	-	61.68%
High risk	6.431% to 99.99%	64	91	70.43%	21.78%	15.08%	73.78%	47	2	116.85%	59	82	72.22%	21.84%	14.59%	72.61%	43	2	111.98%
Default	100%	-	1	0.00%	100.00%	16.88%	0.00%	-	-	210.99%	-	1	0.00%	100.00%	16.91%	0.00%	-	-	211.35%
Total Uninsured Undrawn		52,898	76,830	68.85%	0.17%	14.89%	4.04%	2,139	14	4.37%	52,016	75,587	68.82%	0.16%	14.72%	3.87%	2,012	12	4.16%
Uninsured Drawn																			
Exceptionally low risk	0.000% to 0.108%	132,213	n.a.	n.a.	0.10%	17.23%	4.19%	5,540	24	4.41%	128,444	n.a.	n.a.	0.10%	16.69%	4.05%	5,207	22	4.27%
	0.109% to 0.214%	-	n.a.	n.a.	0.00%	0.00%	0.00%	-	-	0.00%	-	n.a.	n.a.	0.00%	0.00%	0.00%	-	-	0.00%
Very low risk	0.215% to 0.308%	120	n.a.	n.a.	0.27%	76.51%	37.45%	45	-	39.95%	130	n.a.	n.a.	0.27%	77.78%	38.03%	49	-	40.57%
	0.309% to 0.590%	-	n.a.	n.a.	0.00%	0.00%	0.00%	-	-	0.00%	-	n.a.	n.a.	0.00%	0.00%	0.00%	-	-	0.00%
Low risk	0.591% to 1.040%	7,327	n.a.	n.a.	0.69%	18.88%	18.47%	1,353	10	20.10%	7,100	n.a.	n.a.	0.69%	18.05%	17.66%	1,254	9	19.22%
	1.041% to 1.718%	2,738	n.a.	n.a.	1.08%	15.35%	20.23%	554	4	22.30%	2,792	n.a.	n.a.	1.08%	15.06%	19.83%	554	5	21.86%
Medium risk	1.719% to 2.969%	10,471	n.a.	n.a.	2.16%	19.50%	39.30%	4,115	43	44.45%	9,409	n.a.	n.a.	2.19%	17.93%	36.57%	3,441	36	41.41%
	2.970% to 6.430%	1,149	n.a.	n.a.	5.69%	18.38%	64.66%	743	12	77.74%	950	n.a.	n.a.	5.69%	18.18%	63.86%	606	10	76.77%
High risk	6.431% to 99.99%	3,247	n.a.	n.a.	23.47%	17.24%	81.92%	2,660	129	131.68%	2,825	n.a.	n.a.	25.45%	16.84%	81.74%	2,309	120	134.87%
Default	100%	301	n.a.	n.a.	100.00%	17.11%	53.42%	161	47	248.14%	306	n.a.	n.a.	100.00%	16.99%	53.29%	163	47	246.65%
Total Uninsured Drawn		157,566	n.a.	n.a.	0.99%	17.48%	9.63%	15,171	269	11.76%	151,956	n.a.	n.a.	0.98%	16.87%	8.94%	13,583	249	10.99%
Qualifying Revolving Credit																			
Exceptionally low risk	0.000% to 0.108%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0.109% to 0.214%	40,335	37,040	77.08%	0.20%	88.60%	9.56%	3,854	73	11.80%	39,261	35,805	77.33%	0.20%	88.45%	9.53%	3,742	70	11.77%
Very low risk	0.215% to 0.308%	9,118	10,019	86.63%	0.27%	76.04%	10.33%	942	19	12.89%	9,811	11,015	85.98%	0.27%	77.45%	10.57%	1,038	21	13.20%
	0.309% to 0.590%	9,617	10,003	68.81%	0.43%	94.23%	18.72%	1,801	39	23.82%	9,477	10,932	68.48%	0.42%	93.90%	18.12%	1,717	37	23.02%
Low risk	0.591% to 1.040%	5,439	6,029	78.74%	0.71%	87.93%	25.55%	1,389	34	33.26%	5,962	6,866	78.44%	0.72%	88.63%	26.07%	1,554	38	33.97%
	1.041% to 1.718%	4,823	2,038	77.87%	1.55%	89.60%	47.53%	2,292	67	64.84%	5,324	2,838	77.07%	1.53%	90.00%	47.45%	2,526	74	64.69%
Medium risk	1.719% to 2.969%	1,420	795	82.76%	2.39%	85.15%	62.54%	888	29	88.35%	1,258	840	82.45%	2.38%	83.15%	61.19%	770	25	86.45%
	2.970% to 6.430%	4,210	1,212	85.74%	4.92%	88.92%	105.82%	4,455	182	159.93%	3,962	1,239	84.48%	4.96%	88.51%	105.95%	4,198	172	160.27%
High risk	6.431% to 99.99%	1,577	288	75.15%	24.46%	88.26%	194.26%	3,065	342	465.34%	1,509	316	76.91%	24.57%	88.12%	195.13%	2,944	328	467.06%
Default	100%	59	2	0.00%	100.00%	82.55%	172.11%	101	40	1031.88%	57	4,131	0.00%	100.00%	82.17%	175.85%	100	39	1027.10%
Total Qualifying Revolving Credit		76,598	67,426	77.66%	1.24%	87.77%	24.53%	18,787	825	37.99%	76,621	73,982	73.26%	1.21%	87.74%	24.26%	18,589	804	37.37%
Other Retail																			
Exceptionally low risk	0.000% to 0.108%	16,013	754	67.32%	0.10%	30.85%	7.31%	1,170	4	7.66%	15,389	751	66.93%	0.10%	30.35%	7.19%	1,107	4	7.54%
	0.109% to 0.214%	4,832	2,349	85.41%	0.16%	70.00%	25.39%	1,227	6	26.89%	4,682	2,238	84.99%	0.16%	69.33%	25.12%	1,176	6	26.80%
Very low risk	0.215% to 0.308%	3,207	1,835	99.57%	0.27%	86.50%	43.09%	1,382	8	46.04%	3,160	1,807	99.15%	0.27%	84.07%	41.94%	1,326	7	44.82%
	0.309% to 0.590%	13,390	3,309	87.30%	0.36%	61.81%	36.53%	4,891	30	39.31%	13,434	3,354	86.51%	0.36%	61.98%	36.61%	4,918	30	39.39%
Low risk	0.591% to 1.040%	1,990	352	110.70%	0.85%	67.30%	65.38%	1,301	12	73.00%	1,885	327	111.61%	0.85%	67.72%	65.88%	1,242	12	73.58%
	1.041% to 1.718%	3,501	666	88.18%	1.50%	60.58%	72.01%	2,521	32	83.53%	3,157	654	88.25%	1.49%	60.88%	72.36%	2,284	29	83.94%
Medium risk	1.719% to 2.969%	4,403	248	105.90%	2.01%	50.84%	65.24%	2,872	44	77.84%	4,325	241	105.86%	2.00%	49.65%	63.71%	2,755	43	76.01%
	2.970% to 6.430%	3,441	410	91.57%	4.07%	65.47%	94.66%	3,257	92	128.14%	3,605	676	95.15%	4.14%	66.78%	96.73%	3,487	100	131.59%
High risk	6.431% to 99.99%	2,589	1,317	99.19%	25.26%	69.05%	154.09%	3,990	452	372.18%	2,815	1,600	99.40%	26.14%	70.26%	159.65%	4,495	514	387.78%
Default	100%	79	1	0.00%	100.00%	55.59%	107.94%	85	42	765.04%	79	3	0.00%	100.00%	54.62%	98.67%	78	41	750.47%
Total Other Retail		53,445	11,241	90.30%	2.08%	54.55%	42.47%	22,696	722	59.35%	52,531	11,651	90.37%	2.27%	54.59%	43.53%	22,868	786	62.24%

¹ Total exposure includes loans outstanding (drawn) and undrawn commitments and represents exposure at default, which is the expected gross exposure upon the default of an obligor. This amount is before allowance for loan losses and after credit risk mitigation.

² Represents the exposure-weighted average probability of default, loss given default rate, exposure at default (EAD) rate and risk weight within each risk range. Average LG

CREDIT QUALITY OF ADVANCED INTERNAL RATINGS BASED (AIRB) EXPOSURE - WHOLESALE LOANS & ACCEPTANCES BY PORTFOLIO AND RISK RATING
(Millions of Canadian dollars, except percentage amounts)

				Q3/17					Q2/17								
				Exposure at default (EAD) ¹	Notional of undrawn commitments	Exposure weighted average EAD % ²	Exposure weighted average PD % ²	Exposure weighted average loss given default LGD % ²	Exposure weighted average risk weight % ²	Risk weighted Assets (RWA) ³	Exposure at default (EAD) ¹	Notional of undrawn commitments	Exposure weighted average EAD % ²	Exposure weighted average PD % ²	Exposure weighted average loss given default LGD % ²	Exposure weighted average risk weight % ²	Risk weighted Assets (RWA) ³
Internal rating⁴	External rating equivalent (S&P)	External rating equivalent (Moody's)	Probability of default (PD) range % 5														
Business																	
1	AAA	Aaa	0.000% to 0.030%	1,983	981	45.07%	0.02%	23.32%	7.80%	154	2,433	1,100	46.05%	0.02%	23.14%	7.17%	174
2	AA+	Aa1	0.000% to 0.030%	587	1,023	57.35%	0.03%	47.39%	19.14%	112	582	1,018	57.20%	0.03%	47.67%	19.31%	112
3	AA	Aa2	0.000% to 0.030%	3,984	4,537	66.57%	0.03%	31.16%	8.64%	344	3,956	4,419	67.01%	0.03%	31.66%	10.34%	409
4	AA-	Aa3	0.000% to 0.030%	3,837	5,998	56.78%	0.03%	37.52%	13.56%	505	3,896	6,551	58.04%	0.02%	30.35%	11.60%	531
5	A+	A1	0.031% to 0.053%	7,054	11,720	55.50%	0.05%	44.97%	23.99%	1,656	6,526	11,138	55.00%	0.05%	44.37%	24.47%	1,559
6	A	A2	0.054% to 0.076%	7,629	11,633	53.16%	0.07%	41.54%	23.70%	1,787	8,276	11,988	52.92%	0.07%	41.84%	23.54%	1,908
7	A-	A3	0.077% to 0.123%	9,552	13,702	53.80%	0.09%	43.81%	30.81%	2,898	10,669	16,344	54.81%	0.09%	44.24%	30.90%	3,248
8	BBB+	Baa1	0.124% to 0.173%	20,720	25,719	56.08%	0.17%	43.12%	43.60%	8,783	22,264	28,330	55.95%	0.17%	43.23%	43.39%	9,343
9	BBB	Baa2	0.174% to 0.233%	18,633	19,951	56.31%	0.21%	43.05%	47.21%	8,480	20,694	22,042	55.96%	0.21%	43.45%	47.64%	9,596
10	BBB-	Baa3	0.234% to 0.360%	24,721	21,254	55.33%	0.26%	40.93%	48.90%	12,080	25,326	23,588	55.68%	0.26%	41.19%	49.39%	12,457
11	BB+	Ba1	0.361% to 0.581%	26,315	17,859	41.74%	0.45%	38.73%	57.27%	14,942	27,027	20,961	41.54%	0.45%	38.56%	56.32%	15,013
12	BB	Ba2	0.582% to 0.939%	25,821	17,260	46.19%	0.69%	36.06%	60.43%	15,361	25,914	18,120	45.63%	0.69%	35.98%	60.61%	16,123
13	BB-	Ba3	0.940% to 1.724%	22,188	14,370	47.75%	1.12%	36.80%	70.74%	15,949	22,944	14,823	42.78%	1.12%	36.20%	71.14%	16,431
14	B+	B1	1.725% to 2.948%	22,068	14,687	46.13%	2.21%	38.55%	89.36%	19,214	22,662	15,585	49.10%	2.21%	37.89%	88.98%	19,363
15	B	B2	2.949% to 4.653%	12,918	9,261	49.38%	3.18%	35.49%	93.74%	12,560	12,827	9,740	49.87%	3.15%	34.86%	92.06%	12,469
16	B-	B3	4.654% to 7.343%	8,783	7,430	60.31%	5.46%	38.58%	118.80%	9,740	10,046	7,660	58.20%	5.53%	38.12%	118.30%	10,680
17	CCC+	Caa1	7.344% to 10.896%	2,250	1,573	42.77%	8.66%	36.10%	129.80%	2,716	2,088	1,494	43.35%	8.60%	35.96%	129.12%	2,496
18	CCC	Caa2	10.897% to 16.748%	865	396	40.54%	11.62%	41.35%	164.75%	1,407	894	412	41.45%	11.65%	41.17%	166.89%	1,490
19	CCC-	Caa3	16.749% to 27.074%	437	271	44.20%	18.11%	41.18%	158.50%	693	480	273	44.18%	18.33%	41.11%	162.90%	783
20	CC	Ca	27.075% to 99.999%	835	495	44.10%	27.00%	32.94%	174.63%	1,459	965	611	44.04%	28.09%	34.80%	184.02%	1,776
21	C	C	100%	1,018	267	0.00%	99.84%	38.42%	156.04%	1,591	1,095	312	0.00%	99.23%	39.63%	196.62%	2,170
22	Bankruptcy	Bankruptcy	100%	154	42	0.00%	99.52%	40.54%	328.74%	509	267	73	0.00%	99.83%	38.09%	334.95%	896
Total Business				222,352	200,399	52.70%	1.73%	39.24%	60.59%	132,940	231,831	216,582	52.53%	1.80%	39.05%	60.78%	138,997
Sovereign																	
1	AAA	Aaa	0.000% to 0.012%	7,130	4,691	31.02%	0.01%	17.01%	2.72%	194	6,548	6,169	29.98%	0.01%	17.39%	0.68%	44
2	AA+	Aa1	0.013% to 0.018%	299	626	45.35%	0.01%	27.71%	6.79%	20	333	662	46.26%	0.01%	27.66%	6.95%	23
3	AA	Aa2	0.019% to 0.026%	1,907	3,977	46.96%	0.03%	25.53%	9.05%	173	2,239	4,610	47.88%	0.03%	24.79%	8.29%	186
4	AA-	Aa3	0.027% to 0.037%	1,885	3,452	44.74%	0.03%	28.67%	9.24%	174	2,087	3,929	44.15%	0.03%	29.11%	9.05%	189
5	A+	A1	0.038% to 0.053%	2,148	7,017	26.74%	0.05%	40.28%	10.84%	233	2,731	9,236	26.85%	0.05%	40.65%	10.84%	296
6	A	A2	0.054% to 0.076%	2,068	3,047	37.08%	0.07%	42.37%	19.44%	401	2,272	3,050	39.00%	0.07%	43.02%	19.28%	435
7	A-	A3	0.077% to 0.123%	1,992	4,759	40.52%	0.12%	42.35%	25.60%	598	1,946	1,845	39.61%	0.09%	34.53%	22.95%	422
8	BBB+	Baa1	0.124% to 0.173%	1,644	1,507	50.85%	0.17%	40.28%	38.62%	631	1,669	1,423	50.99%	0.17%	40.71%	39.54%	659
9	BBB	Baa2	0.174% to 0.233%	262	286	55.90%	0.21%	39.84%	43.20%	102	246	303	55.63%	0.21%	40.47%	46.09%	102
10	BBB-	Baa3	0.234% to 0.360%	128	13	28.52%	0.26%	34.40%	37.90%	49	163	23	25.51%	0.26%	33.64%	37.73%	61
11	BB+	Ba1	0.361% to 0.581%	75	41	36.94%	0.43%	34.07%	53.33%	39	68	76	21.97%	0.43%	34.74%	53.90%	35
12	BB	Ba2	0.582% to 0.939%	161	8	37.29%	0.55%	34.90%	49.20%	101	162	14	24.47%	0.55%	34.47%	47.80%	99
13	BB-	Ba3	0.940% to 1.724%	24	14	17.99%	0.87%	27.83%	51.26%	16	51	43	39.53%	1.05%	36.88%	84.90%	35
14	B+	B1	1.725% to 2.948%	8	4	38.10%	2.29%	44.35%	108.24%	9	11	10	30.24%	2.29%	38.08%	103.69%	12
15	B	B2	2.949% to 4.653%	3	15	1.56%	1.70%	12.20%	32.05%	1	26	23	44.33%	3.35%	26.98%	76.22%	15
16	B-	B3	4.654% to 7.343%	5	2	34.23%	5.99%	27.70%	90.40%	5	5	2	36.84%	2.02%	8.39%	26.56%	4
17	CCC+	Caa1	7.344% to 10.896%	5	-	n.a.	9.68%	45.00%	217.83%	11	-	-	n.a.	n.a.	n.a.	n.a.	-
18	CCC	Caa2	10.897% to 16.748%	-	-	n.a.	n.a.	n.a.	n.a.	-	-	-	n.a.	n.a.	n.a.	n.a.	-
19	CCC-	Caa3	16.749% to 27.074%	-	-	n.a.	n.a.	n.a.	n.a.	-	-	-	n.a.	n.a.	n.a.	n.a.	-
20	CC	Ca	27.075% to 99.999%	-	-	n.a.	n.a.	n.a.	n.a.	-	-	-	n.a.	n.a.	n.a.	n.a.	-
21	C	C	100%	-	-	n.a.	n.a.	n.a.	n.a.	-	-	-	n.a.	n.a.	n.a.	n.a.	-
22	Bankruptcy	Bankruptcy	100%	-	-	n.a.	n.a.	n.a.	n.a.	-	-	-	n.a.	n.a.	n.a.	n.a.	-
Total Sovereign				19,745	26,459	39.15%	0.06%	28.91%	13.48%	2,667	20,457	31,418	38.61%	0.06%	29.64%	12.84%	2,617
Bank																	
1	AAA	Aaa	0.000% to 0.030%	-	-	n.a.	n.a.	n.a.	n.a.	-	-	-	n.a.	n.a.	n.a.	n.a.	-
2	AA+	Aa1	0.000% to 0.030%	-	-	n.a.	n.a.	n.a.	n.a.	-	-	-	n.a.	n.a.	n.a.	n.a.	-
3	AA	Aa2	0.000% to 0.030%	-	7	25.00%	0.03%	45.00%	10.31%	-	2	8	25.00%	0.03%	45.00%	10.31%	-
4	AA-	Aa3	0.000% to 0.030%	98	173	24.62%	0.03%	41.58%	9.53%	9	124	187	24.62%	0.03%	42.30%	9.70%	12
5	A+	A1	0.031% to 0.053%	157	644	22.36%	0.05%	45.39%	14.18%	22	133	535	23.15%	0.05%	44.20%	13.82%	18
6	A	A2	0.054% to 0.076%	685	851	24.74%	0.07%	47.03%	20.98%	144	852	739	25.74%	0.07%	47.13%	18.00%	154
7	A-	A3	0.077% to 0.123%	720	477	36.90%	0.09%	44.07%	20.22%	85	430	737	33.21%	0.09%	42.80%	19.75%	85
8	BBB+	Baa1	0.124% to 0.173%	425	782	37.66%	0.17%	45.07%	42.44%	319	616	715	34.39%	0.17%	45.20%	43.49%	268
9	BBB	Baa2	0.174% to 0.233%	102	392	22.56%	0.21%	42.35%	37.31%	38	116	442	22.49%	0.21%	39.22%	36.87%	43
10	BBB-	Baa3	0.234% to 0.360%	192	299	23.63%	0.27%	31.48%	44.06%	85	77	307	23.78%	0.27%	35.83%	36.18%	28
11	BB+	Ba1	0.361% to 0.581%	77	116	33.48%	0.43%	49.69%	73.25%	57	82	132	34.68%	0.43%	50.35%	75.56%	62
12	BB	Ba2	0.582% to 0.939%	192	301	26.62%	0.53%	26.53%	48.89%	124	205	255	24.09%	0.51%	25.31%	45.76%	129
13	BB-	Ba3	0.940% to 1.724%	17	55	25.20%	0.13%	4.36%	9.60%	14	13	37	26.70%	0.11%	3.59%	8.12%	10
14	B+	B1	1.725% to 2.948%	54	52	23.70%	2.29%	33.69%	84.75%	45	54	48	25.98%	2.29%	33.73%	84.36%	46
15	B	B2	2.949% to 4.653%	6	13	18.16%	1.12%	6.18%	4.00%	7	10	13	16.96%	1.12%	2.42%	8.54%	14
16	B-	B3	4.654% to 7.343%	21	83	24.69%	5.99%	37.80%	139.40%	29	16	57	24.36%	5.83%	43.86%	163.29%	26
17	CCC+	Caa1	7.344% to 10.896%	2	-	n.a.	9.68%	35.00%	134.86%	3	2	-					

REALIZED GAINS AND LOSSES ON AVAILABLE-FOR-SALE SECURITIES (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2016	2015
Realized gains	74	84	50	40	44	33	76	69	66	193	240
Realized losses and impairments	(20)	(21)	(21)	(34)	(33)	(15)	(25)	(31)	(12)	(107)	(79)
Net gains (losses) on Available-for-sale securities	54	63	29	6	11	18	51	38	54	86	161
Less: Amount booked in Insurance premium, investment and fee income	10	9	2	4	4	3	(1)	4	12	10	16
Net gains (losses) on Available-for-sale securities net of Insurance premium, investment and fee income	44	54	27	2	7	15	52	34	42	76	145

TRADING CREDIT DERIVATIVES ¹ (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15
Notional amount									
Protection purchased	6,853	7,408	7,004	10,107	9,711	7,857	8,971	8,971	9,196
Protection sold	3,500	3,370	3,650	5,735	5,321	4,978	5,287	5,315	4,921
Fair value ²									
Positive	81	83	70	191	189	74	88	94	94
Negative	174	169	137	242	246	114	99	153	178
Replacement cost ³	34	34	31	31	39	27	23	34	33

OTHER THAN TRADING CREDIT DERIVATIVES POSITIONS ⁴ (NOTIONAL AMOUNT AND FAIR VALUE) (Millions of Canadian dollars)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15
Notional amount									
Automotive	-	-	-	-	-	-	-	-	-
Energy									
Oil and gas	-	-	-	-	-	-	-	-	-
Utilities	15	17	16	7	7	6	7	7	7
Non-bank financial services	-	-	91	94	91	88	98	411	411
Mining & metals	-	-	-	-	-	-	-	-	-
Real estate & related	-	-	-	-	-	-	-	-	-
Technology & media	-	-	121	124	121	117	130	122	122
Transportation & environment	125	137	130	134	131	125	140	130	131
Other	-	-	-	-	-	-	-	-	10
Sovereign	-	-	-	-	-	-	-	-	-
Bank	-	-	-	-	-	-	-	-	-
Net protection purchased	140	154	358	359	350	336	375	670	681
Offsetting protection sold related to the same reference entity	-	-	-	-	-	-	-	-	-
Gross protection purchased	140	154	358	359	350	336	375	670	681
Net protection sold	-	-	-	-	-	-	-	-	-
Offsetting protection purchased related to the same reference entity	-	-	-	-	-	-	-	-	-
Gross protection sold	-	-	-	-	-	-	-	-	-
Gross protection purchased and sold (notional amount)	140	154	358	359	350	336	375	670	681
Fair value ²									
Positive	-	-	-	-	-	7	16	-	-
Negative	13	14	21	21	17	15	12	18	28

¹ Comprises credit default swaps, total return swaps, credit default baskets and credit default options. As at Q3/17, majority of our exposures are with investment grade counterparties.

² Gross fair value before netting.

³ Replacement cost includes the impact of netting but excludes collateral.

⁴ Comprises credit default swaps.

FAIR VALUE OF DERIVATIVE INSTRUMENTS (Millions of Canadian dollars)	Q3/17		Q2/17		Q1/17		Q4/16		Q3/16		Q2/16	
	Fair value		Fair value		Fair value		Fair value		Fair value		Fair value	
	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative
Held or issued for trading purposes	174,137	172,049	176,677	174,908	165,777	162,750	211,610	208,136	252,089	249,621	198,624	199,183
Held or issued for other than trading purposes	4,345	3,925	4,945	4,118	4,090	4,359	5,908	4,771	6,868	4,991	5,951	4,874
Total gross fair values before netting ¹	178,482	175,974	181,622	179,026	169,867	167,109	217,518	212,907	258,957	254,612	204,575	204,057
Impact of master netting agreements that qualify for balance sheet offset ²	(71,825)	(71,803)	(79,887)	(80,013)	(71,305)	(71,428)	(97,142)	(96,231)	(127,033)	(125,992)	(87,959)	(87,414)
that do not qualify for balance sheet offset ³	(66,474)	(66,474)	(66,582)	(66,582)	(65,214)	(65,214)	(79,296)	(79,296)	(88,668)	(88,668)	(80,083)	(80,083)
Total	40,183	37,697	35,153	32,431	33,348	30,467	41,080	37,380	43,256	39,952	36,533	36,560

DERIVATIVES - NOTIONAL AMOUNTS ^{4,5} (Millions of Canadian dollars)	Q3/17						Q2/17						Q1/17					
	Trading						Trading						Trading					
	Over the counter		Exchange traded	Total	Non-trading	Total	Over the counter		Exchange traded	Total	Non-trading	Total	Over the counter		Exchange traded	Total	Non-trading	Total
Centrally cleared	Non Centrally cleared	Centrally cleared					Non Centrally cleared	Centrally cleared					Non Centrally cleared	Centrally cleared				
Interest rate contracts	884,574	76,761	-	961,335	-	961,335	1,083,615	69,747	-	1,153,362	14,298	1,167,660	680,803	63,075	-	743,878	-	743,878
Forward rate agreement	7,353,987	705,660	-	8,059,647	490,260	8,549,907	6,920,506	782,786	-	7,703,292	488,085	8,191,377	6,283,560	911,717	-	7,195,277	340,604	7,535,881
Swaps	-	283,198	6,113	289,311	-	289,311	-	295,867	6,805	302,672	-	302,672	-	304,273	6,230	310,503	-	310,503
Options purchased	-	-	108,751	108,751	1,151	109,902	-	-	98,790	98,790	634	99,424	-	-	101,608	101,608	-	101,608
Future	8,238,561	1,065,619	114,864	9,419,044	491,411	9,910,455	8,004,121	1,148,400	105,595	9,258,116	503,017	9,761,133	6,964,363	1,279,065	107,838	8,351,266	340,604	8,691,870
Foreign exchange contract	-	1,297,345	-	1,297,345	14,363	1,311,708	-	1,486,169	-	1,486,169	20,087	1,506,256	-	1,385,875	-	1,385,875	21,991	1,407,866
Forward contracts	-	134,929	-	134,929	7,760	142,689	-	102,139	-	102,139	8,365	110,504	-	82,886	-	82,886	6,796	89,682
Swaps	-	979,377	-	979,377	54,400	1,033,777	-	1,029,837	-	1,029,837	59,955	1,089,792	-	1,007,306	-	1,007,306	56,012	1,063,318
Cross-currency interest rate swaps	-	53,996	-	53,996	-	53,996	-	51,671	-	51,671	-	51,671	-	38,127	-	38,127	-	38,127
Options purchased	-	-	1,130	1,130	-	1,130	-	-	467	467	-	467	-	280	-	280	-	280
Future	-	2,465,647	1,130	2,466,777	76,523	2,543,300	-	2,669,816	467	2,670,283	88,407	2,758,690	-	2,514,194	280	2,514,474	84,799	2,599,273
Credit derivatives	3,931	6,422	-	10,353	-	10,353	4,003	6,776	-	10,779	-	10,779	3,848	6,806	-	10,654	-	10,654
Other contracts ⁶	262	65,730	105,519	171,511	2,158	173,669	296	79,172	125,324	204,792	2,148	206,940	289	74,789	98,336	173,414	2,106	175,520
Total	8,242,754	3,603,418	221,513	12,067,685	570,092	12,637,777	8,008,420	3,904,164	231,386	12,143,970	593,572	12,737,542	6,968,500	3,874,854	206,454	11,049,808	427,509	11,477,317

DERIVATIVES - NOTIONAL AMOUNTS ^{4,5} (Millions of Canadian dollars)	Q4/16						Q3/16						Q2/16					
	Trading						Trading						Trading					
	Over the counter		Exchange traded	Total	Non-trading	Total	Over the counter		Exchange traded	Total	Non-trading	Total	Over the counter		Exchange traded	Total	Non-trading	Total
Centrally cleared	Non Centrally cleared	Centrally cleared					Non Centrally cleared	Centrally cleared					Non Centrally cleared	Centrally cleared				
Interest rate contracts	461,960	70,105	-	532,065	-	532,065	416,186	61,980	-	478,166	-	478,166	409,250	61,308	-	470,558	-	470,558
Forward rate agreement	6,417,160	1,046,984	-	7,464,144	298,648	7,762,792	6,221,069	1,150,407	-	7,371,476	271,570	7,643,046	5,557,231	1,183,095	-	6,740,326	242,657	6,982,983
Swaps	-	346,263	18,361	364,624	-	364,624	-	239,216	29,309	268,525	-	268,525	-	192,426	20,087	212,513	-	212,513
Options purchased	-	-	95,395	95,395	-	95,395	-	-	104,514	104,514	-	104,514	-	-	89,114	89,114	-	89,114
Future	6,879,120	1,463,352	113,756	8,456,228	298,648	8,754,876	6,637,255	1,451,603	133,823	8,222,681	271,570	8,494,251	5,966,481	1,436,829	109,201	7,512,511	242,657	7,755,168
Foreign exchange contract	-	1,314,103	-	1,314,103	20,473	1,334,576	-	1,558,808	-	1,558,808	28,961	1,587,769	-	1,296,527	-	1,296,527	30,994	1,327,521
Forward contracts	-	69,626	-	69,626	7,528	77,154	-	63,396	-	63,396	6,574	69,970	-	60,525	-	60,525	6,407	66,932
Swaps	-	1,013,958	-	1,013,958	59,441	1,073,399	-	926,077	-	926,077	65,188	991,265	-	932,057	-	932,057	62,283	994,340
Cross-currency interest rate swaps	-	49,758	-	49,758	-	49,758	-	50,563	-	50,563	-	50,563	-	46,832	-	46,832	-	46,832
Options purchased	-	-	739	739	-	739	-	-	764	764	-	764	-	-	1,139	1,139	-	1,139
Future	-	2,447,445	739	2,448,184	87,442	2,535,626	-	2,598,844	764	2,599,608	100,723	2,700,331	-	2,335,941	1,139	2,337,080	99,684	2,436,764
Credit derivatives	-	15,842	-	15,842	-	15,842	-	15,032	-	15,032	-	15,032	-	12,835	-	12,835	-	12,835
Other contracts ⁶	321	81,955	126,643	208,919	2,071	210,990	4,159	75,780	132,805	212,744	1,988	214,732	3,115	70,892	131,564	205,571	1,931	207,502
Total	6,879,441	4,008,594	241,138	11,129,173	388,161	11,517,334	6,641,414	4,141,259	267,392	11,050,065	374,281	11,424,346	5,969,596	3,856,497	241,904	10,067,997	344,272	10,412,269

¹ As at Q3/17, positive and negative fair values exclude market and credit valuation adjustments of \$824 million and \$(322) million respectively that are determined on a pooled basis.

² Impact of offsetting derivative assets and liabilities on contracts where we have both (a) unconditional and legally enforceable netting agreement in place and (b) we intend to settle the contracts on either a net basis or simultaneously. The right of setoff is considered unconditional if its exercise is not contingent upon the occurrence of a future event; it is considered conditional if it becomes exercisable only upon the occurrence of a future event, such as bankruptcy, insolvency, default, or change in control.

³ Additional impact of offsetting credit exposures on contracts that do not qualify for balance sheet offset.

⁴ Notional amounts do not represent assets or liabilities and therefore are not recorded in our Consolidated Balance Sheet. As of Q3/17, the notional amounts excludes exchange traded options written of \$87.4 billion, over-the-counter options written of \$337.7 billion and non-trading credit derivatives of \$0.1 billion. It includes interest rate and currency swaps of \$6.5 billion related to a consolidated structured entity.

⁵ The majority of non-centrally cleared over the counter derivative activity is conducted with other professional market counterparties, under bilateral collateral arrangements with very low unsecured thresholds and daily collateral valuations. These collateral arrangements take the form of Credit Support Annex, to the International Swaps and Derivatives Association master agreement.

⁶ Comprises precious metal, commodity, stable value and equity-linked derivative contracts.

DERIVATIVE - RELATED CREDIT RISK (Millions of Canadian dollars)	Q3/17				Q2/17				Q1/17				Q4/16			
	Notional amount ¹	Replacement cost	Credit equivalent amount	Risk-weighted equivalent ²	Notional amount ¹	Replacement cost	Credit equivalent amount	Risk-weighted equivalent ²	Notional amount ¹	Replacement cost	Credit equivalent amount	Risk-weighted equivalent ²	Notional amount ¹	Replacement cost	Credit equivalent amount	Risk-weighted equivalent ²
Over-the-counter contracts																
Interest rate contracts																
Forward rate agreements	961,335	250	359	49	1,167,660	428	442	98	743,878	323	333	74	532,065	232	250	53
Swaps	8,549,907	11,835	25,590	4,590	8,191,377	12,373	26,410	4,736	7,535,881	11,850	24,760	4,515	7,762,792	15,118	27,214	5,429
Options purchased	283,198	310	919	583	295,867	324	979	592	304,273	284	942	543	346,263	334	1,092	662
Foreign exchange contracts																
Forward contracts	1,311,708	6,328	11,741	3,881	1,506,256	5,899	12,816	4,045	1,407,866	5,258	11,817	3,785	1,334,576	6,914	12,952	3,896
Swaps	1,176,466	12,422	12,666	4,618	1,200,296	11,454	11,313	3,955	1,153,000	11,411	12,119	3,851	1,150,553	13,763	12,492	3,790
Options purchased	53,996	325	959	422	51,671	462	1,179	498	38,127	331	855	373	49,758	416	1,045	456
Credit derivatives ³	10,353	34	607	140	10,779	34	610	124	10,654	31	609	138	15,842	31	920	188
Other contracts ⁴	68,150	1,159	5,519	3,152	81,616	1,206	6,225	3,419	77,184	1,376	5,235	3,083	84,347	1,409	6,188	3,463
Exchange traded contracts	222,664	1,216	6,757	135	232,020	3,150	11,721	234	206,454	2,601	9,400	188	241,138	2,933	11,756	235
Total derivatives ⁵	12,637,777	33,879	65,117	17,570	12,737,542	35,330	71,695	17,701	11,477,317	33,465	66,070	16,550	11,517,334	41,150	73,909	18,172
DERIVATIVE - RELATED CREDIT RISK (Millions of Canadian dollars)																
Over-the-counter contracts																
Interest rate contracts																
Forward rate agreements	478,166	441	462	79	470,558	206	230	37	614,510	427	457	110	628,406	182	233	50
Swaps	7,643,046	18,848	29,661	6,619	6,982,983	15,979	25,527	5,478	7,748,152	17,210	28,222	6,066	8,147,025	14,747	27,688	5,197
Options purchased	239,216	376	989	687	192,426	331	671	434	232,103	316	693	457	241,551	340	700	446
Foreign exchange contracts																
Forward contracts	1,587,769	7,994	13,594	4,124	1,327,521	7,341	12,003	3,831	1,368,381	8,160	14,232	4,078	1,320,300	5,041	11,254	3,202
Swaps	1,061,235	10,899	10,820	3,360	1,061,272	8,098	9,825	3,481	1,266,100	11,549	11,824	4,112	1,248,865	7,686	9,809	3,878
Options purchased	50,563	427	1,069	455	46,832	328	972	415	41,496	599	762	327	43,968	322	547	276
Credit derivatives ³	15,032	39	880	169	12,835	34	747	165	14,257	39	862	193	14,286	34	913	204
Other contracts ⁴	81,927	1,273	6,202	3,383	75,938	1,454	6,123	3,354	85,691	1,761	6,394	3,868	105,060	2,499	7,539	4,320
Exchange traded contracts	267,392	3,050	12,160	243	241,904	2,936	11,895	238	235,920	4,136	12,053	241	230,986	4,245	12,048	241
Total derivatives ⁵	11,424,346	43,347	75,837	19,119	10,412,269	36,707	67,993	17,433	11,606,610	44,197	75,499	19,452	11,980,447	35,096	70,731	17,814

¹ As at Q3/17, the notional amounts excludes exchange traded options written of \$87.4 billion, over-the-counter options written of \$337.6 billion, and non-trading credit derivatives of \$0.1 billion.

² As at Q3/17, the risk-weighted equivalents for over-the-counter contracts shown are calculated by applying risk weights against the credit equivalent amounts net of credit valuation adjustment (CVA) losses of \$138 million. The risk-weighted equivalent amounts shown do not reflect CVA regulatory capital charge.

³ Comprises credit default swaps, total return swaps, credit default baskets and credit default options.

⁴ Comprises precious metal, commodity, stable value and equity-linked derivative contracts.

⁵ As at Q3/17, the total credit equivalent amount reported above is net of \$20 billion in collateral and does not reflect the netting of the credit valuation adjustment losses of \$138 million described in footnote 2.

MARKET RISK REGULATORY CAPITAL Internal models-based approach VaR ¹ (Millions of Canadian dollars)	For the three months ended											
	Q3/17				Q2/17		Q1/17		Q4/16		Q3/16	
	As at Jul 31	Avg	High	Low	As at Apr 30	Avg	As at Jan 31	Avg	As at Oct 31	Avg	As at Jul 31	Avg
Equity	7	10	12	7	10	9	9	7	2	6	6	5
Foreign exchange	2	2	4	1	2	2	2	3	2	2	3	3
Commodities	1	1	1	1	1	3	2	2	2	1	1	1
Interest rate	17	16	20	13	15	19	20	22	21	15	12	13
Credit specific	5	5	7	5	5	5	6	5	6	6	6	6
Diversification	(13)	(14)	(18)	(10)	(14)	(14)	(14)	(13)	(10)	(13)	(14)	(13)
VaR	19	20	26	17	19	24	25	25	23	17	14	15
Stressed VaR	53	55	65	46	49	57	46	44	32	36	48	49

¹ The table shows VaR and stressed VaR for trading activities that have a capital requirement under the internal models-based approach, for which we have been granted approval by OSFI. Regulatory capital for market risk is allocated based on VaR and stressed VaR only for those trading positions that have approval to use the internal models-based approach. The above numbers reflect calculations for VaR and stressed VaR based on a 1 day time horizon. As stipulated by OSFI, RBC's Market Risk regulatory capital calculations are based on VaR and stressed VaR measures for a 10 day time horizon.

CALCULATION OF ROE¹ AND RETURN ON RISK CAPITAL (RORC)¹ (Millions of Canadian dollars, except percentage and per share amounts)	Q3/17	Q2/17	Q1/17	Q4/16	Q3/16	Q2/16	Q1/16	Q4/15	Q3/15	2017 9 months	2016 9 months	2016	2015
Personal & Commercial Banking													
Net income available to common shareholders	1,371	1,338	1,567	1,252	1,296	1,271	1,270	1,251	1,264	4,276	3,837	5,089	4,937
Average risk capital	15,850	14,850	14,650	13,600	13,700	13,800	13,850	12,150	11,750	15,100	13,800	13,750	11,650
Add: Average goodwill and other intangibles	4,850	4,700	4,700	4,750	4,700	4,800	4,900	4,900	4,800	4,700	4,800	4,800	4,850
Average attributed capital	20,500	19,550	19,350	18,350	18,400	18,600	18,750	17,050	16,550	19,800	18,600	18,550	16,500
ROE²	26.6%	28.0%	32.1%	27.1%	28.0%	27.8%	26.9%	29.1%	30.3%	28.9%	27.6%	27.5%	30.0%
RORC	34.3%	37.0%	42.4%	36.6%	37.7%	37.4%	36.5%	40.8%	42.7%	37.8%	37.2%	37.0%	42.3%
Canadian Banking													
Net income available to common shareholders	1,329	1,297	1,527	1,228	1,263	1,223	1,216	1,214	1,226	4,153	3,702	4,930	4,828
Average risk capital	14,400	13,300	13,150	12,150	12,150	12,250	12,350	10,800	10,400	13,600	12,250	12,250	10,350
Add: Average goodwill and other intangibles	2,800	2,850	2,850	2,850	2,900	2,900	2,900	2,900	2,900	2,850	2,900	2,850	2,900
Average attributed capital	17,200	16,150	16,000	15,000	15,050	15,150	15,250	13,700	13,300	16,450	15,150	15,100	13,250
ROE²	30.6%	32.9%	37.8%	32.5%	33.4%	32.9%	31.8%	35.2%	36.5%	33.7%	32.7%	32.6%	36.4%
RORC	36.7%	39.9%	46.0%	40.2%	41.3%	40.6%	39.2%	44.6%	46.8%	40.8%	40.4%	40.3%	46.7%
Wealth Management													
Net income available to common shareholders	470	415	414	381	370	371	290	252	278	1,299	1,031	1,412	1,021
Average risk capital	5,900	5,950	5,700	5,150	4,900	4,850	4,450	1,700	1,800	5,850	4,750	4,850	1,800
Add: Average goodwill and other intangibles	7,550	7,750	7,700	7,850	8,000	8,150	8,550	4,150	4,150	7,650	8,200	8,100	4,100
Average attributed capital	13,450	13,700	13,400	13,000	12,900	13,000	13,000	5,850	5,950	13,500	12,950	12,950	5,900
ROE²	13.9%	12.4%	12.2%	11.6%	11.4%	11.6%	8.9%	17.0%	18.6%	12.9%	10.6%	10.9%	17.4%
RORC	31.6%	28.6%	28.8%	29.4%	30.0%	31.3%	25.8%	58.1%	60.9%	29.7%	29.1%	29.2%	56.5%
Insurance													
Net income available to common shareholders	159	164	132	226	361	175	129	223	172	455	665	891	701
Average risk capital	1,550	1,450	1,400	1,500	1,750	1,450	1,450	1,500	1,400	1,450	1,550	1,550	1,450
Add: Average goodwill and other intangibles	150	150	150	150	150	150	150	150	150	200	150	150	150
Average attributed capital	1,700	1,600	1,550	1,650	1,900	1,600	1,600	1,650	1,550	1,650	1,700	1,700	1,600
ROE²	37.0%	41.5%	33.7%	54.3%	75.7%	44.3%	32.4%	53.4%	43.6%	37.4%	52.3%	52.8%	44.3%
RORC	40.8%	45.9%	37.2%	59.4%	82.0%	48.9%	35.6%	58.6%	48.1%	41.3%	57.3%	57.8%	48.8%
Investor & Treasury Services													
Net income available to common shareholders	174	188	210	170	151	135	140	85	164	572	426	596	545
Average risk capital	2,850	2,850	2,850	2,750	2,850	2,850	2,950	2,600	2,150	2,700	2,900	2,850	2,200
Add: Average goodwill and other intangibles	500	500	450	450	500	500	500	500	500	500	500	500	500
Average attributed capital	3,150	3,150	3,300	3,200	3,350	3,350	3,450	3,100	2,650	3,200	3,400	3,350	2,700
ROE²	21.9%	24.6%	25.1%	21.0%	18.2%	16.5%	15.9%	10.9%	24.5%	23.9%	16.9%	17.9%	20.3%
RORC	26.1%	29.2%	29.5%	24.8%	21.3%	19.4%	18.6%	12.9%	30.3%	28.3%	19.8%	21.0%	25.0%
Capital Markets													
Net income available to common shareholders	588	646	640	461	611	561	553	538	530	1,874	1,725	2,186	2,259
Average risk capital	18,200	17,650	18,000	16,500	16,100	17,800	16,800	16,250	15,250	17,950	16,900	16,800	15,500
Add: Average goodwill and other intangibles	1,350	1,050	1,100	1,100	1,100	1,050	1,100	1,100	1,050	1,200	1,100	1,100	1,050
Average attributed capital	19,550	18,700	19,100	17,600	17,200	18,850	17,900	17,350	16,300	19,150	18,000	17,900	16,550
ROE²	11.9%	14.2%	13.3%	10.4%	14.2%	12.1%	12.3%	12.3%	12.9%	13.1%	12.8%	12.2%	13.6%
RORC	12.8%	15.0%	14.1%	11.1%	15.1%	12.8%	13.1%	13.1%	13.8%	14.0%	13.6%	13.0%	14.6%
Corporate Support³													
Net income available to common shareholders	(55)	(27)	(23)	(32)	12	(27)	(16)	166	(9)	(105)	(31)	(63)	271
Average risk capital and other	2,950	3,200	3,100	2,950	3,050	3,000	2,950	2,650	2,400	3,050	2,950	2,950	2,400
Add: Average under/(over) attribution of capital	4,450	4,900	4,850	6,350	5,000	4,000	3,800	8,150	7,200	4,700	4,300	4,800	6,650
Average attributed capital	7,400	8,100	7,950	9,300	8,050	7,000	6,750	10,800	9,600	7,750	7,250	7,750	9,050
RBC													
Net income	2,796	2,809	3,027	2,543	2,895	2,573	2,447	2,593	2,475	8,632	7,915	10,458	10,026
Net income available to common shareholders	2,707	2,724	2,940	2,458	2,801	2,486	2,366	2,515	2,399	8,371	7,653	10,111	9,734
Average risk capital	45,800	44,100	44,100	41,000	40,900	42,300	41,000	35,500	33,450	44,700	41,400	41,300	33,750
Average common equity	65,750	64,800	64,650	63,100	61,800	62,400	61,450	55,800	52,600	65,050	61,900	62,200	52,300
ROE	16.3%	17.2%	18.0%	15.5%	18.0%	16.2%	15.3%	17.9%	18.1%	17.2%	16.5%	16.3%	18.6%
RORC	23.4%	25.3%	26.4%	23.9%	27.2%	23.9%	23.0%	28.1%	28.4%	25.0%	24.7%	24.5%	28.9%

¹ These measures do not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50.

² Business segment ROE is based on Average attributed capital. Under/(over) attribution of capital is reported in Corporate Support.

³ We do not report ROE and RORC for Corporate Support as they are considered not meaningful.

Key performance and Non-GAAP measures

Management measures and evaluates the performance of our consolidated operations and each of our segments based on variety of financial measures. In addition to generally accepted accounting principles (GAAP) prescribed measures, we use certain non-GAAP measures and key performance measures. We believe these measures provide useful information to investors regarding our financial condition and result of operations. For details, refer to the "How we measure and report our business segments" section of our Report to Shareholders. Readers are cautioned that non-GAAP measures do not have any standardized meanings prescribed by GAAP and therefore are unlikely to be comparable to similar measures disclosed by other companies.

Performance measures

Attributed capital (Economic capital)

An estimate of the amount of equity capital required to underpin risks. It is calculated by estimating the level of capital that is necessary to support our various businesses, given their risks, consistent with our desired solvency standard and credit ratings.

Risk capital

Risk capital includes credit, market (trading and non-trading), insurance-specific, operational, business and fixed assets risk capital.

Average risk capital

Calculated using methods intended to approximate the average of the daily risk capital balances for the period.

Return on equity (ROE)

Business segment return on equity is calculated as net income available to common shareholders divided by Average attributed capital for the period and using methods that are intended to approximate the average of the daily balances for the period. Corporate Support also includes average unattributed capital. ROE is based on actual balances of average common equity before rounding.

Return on risk capital (RORC)

Net income available to common shareholders divided by average risk capital. Business segment RORC is calculated as net income available to common shareholders divided by average risk capital for the period. RORC is based on actual balances of average common equity before rounding.

Unattributed capital

Unattributed capital represents common equity in excess of common equity attributed to our business segments and is reported in the Corporate Support segment.

Non-GAAP measures

Adjusted basis measures

Adjusted basis measures such as adjusted net income available to common shareholders, adjusted diluted earnings per share (EPS) and adjusted ROE are calculated by adding back to net income the after-tax amount of amortization of intangibles (excluding amortization of software), any goodwill impairment, the dilutive impact of exchangeable shares, integration costs of significant acquisitions and specified items.

Adjusted efficiency ratio, operating leverage, NIE growth and revenue growth

The ratio and calculations are adjusted to exclude specified items and the change in fair value backing our policyholder liabilities from revenue and revenue growth. Refer to page 51 for the definition of the efficiency ratio, operating leverage, NIE growth and revenue growth.

Economic profit

Net income (loss) after non-controlling interests excluding the after-tax effect of amortization and write-down of other intangibles (excluding software) and goodwill less a capital charge for use of attributed capital.

Common equity

Common equity includes common shares, common treasury shares, retained earnings and other components of equity.

Glossary

Definitions

Assets under administration (AUA)

Assets administered by us, which are beneficially owned by clients. Services provided in respect of assets under administration are of an administrative nature, including safekeeping, collecting investment income, settling purchase and sale transactions, and record keeping.

Assets under management (AUM)

Assets managed by us, which are beneficially owned by clients. Services provided in respect of assets under management include the selection of investments and the provision of investment advice. We have assets under management that are also administered by us and included in assets under administration.

Embedded value

The sum of the value of equity held in our Insurance segment and the value of in-force business (existing policies).

Goodwill and intangibles

Goodwill represents the excess of the price paid for the business acquired over the fair value of the net identifiable assets acquired. An intangible asset is an identifiable non-monetary asset without physical substance.

Glossary continued

Definitions

Taxable equivalent basis (teb)

Income from certain specified tax-advantaged sources is increased to a level that would make it comparable to income from taxable sources. There is an offsetting adjustment in the tax provision, thereby generating the same after-tax net income. We record teb adjustments in Capital Markets and record elimination adjustments in Corporate Support.

Total trading revenue

Total trading revenue is comprised of trading related revenue recorded in Net interest income and Non-interest income.

Net impaired loans

Gross impaired loans less the associated allowance for credit losses on impaired loans by portfolio.

Ratios

Capital ratios

The percentage of risk-adjusted assets supported by capital, using the guidelines of OSFI based on standards issued by the Bank for International Settlements and GAAP financial information.

Common Equity Tier 1 ratio

Common Equity Tier 1 (CET1) capital under Basel III comprises the highest quality of capital including common shares, retained earnings, accumulated other comprehensive income and other items. Regulatory adjustments such as goodwill and intangibles, deferred tax assets, and other components subject to threshold deductions are excluded from CET1 capital. This ratio is calculated by dividing CET1 by risk-weighted assets, in accordance with OSFI's Basel III Capital Adequacy Requirements guideline.

Efficiency ratio

Non-interest expense as a percentage of total revenue. For adjusted efficiency ratio refer to the non-GAAP measures on page 50.

Return on assets

Net income as a percentage of average assets.

Return on risk-weighted assets

Net income as a percentage of average risk-weighted assets.

Calculations

Average balances (assets, loans and acceptances, and deposits)

Calculated using methods intended to approximate the average of the daily balances for the period.

Average common equity

Calculated using methods intended to approximate the average of the daily balances for the period. For the business segments, calculated using methods intended to approximate the average of the daily attributed capital for the period.

Average balances (assets, loans and acceptances, and deposits)

Calculated using methods intended to approximate the average of the daily balances for the period.

Average common equity

Calculated using methods intended to approximate the average of the daily balances for the period. For the business segments, calculated using methods intended to approximate the average of the daily attributed capital for the period.

Average earning assets

Average earning assets include interest-bearing deposits with other banks, securities, assets purchased reverse repurchase agreements and securities borrowed, loans, and excludes segregated fund net asset and other assets. The averages are based on the daily balances for the period. Commencing Q2/15, average earning assets also include cash collateral and margin deposits and exclude insurance assets.

Capital charge

Calculated by multiplying the cost of capital by the amount of average common equity. The cost of capital is a proxy for the after-tax return that we estimate to be required by shareholders for the use of their capital.

Dividend yield

Dividends per common share divided by the average of the high and low share prices in the relevant period.

Diluted EPS

Diluted EPS is net income attributable to common shareholders divided by the average diluted shares outstanding. Both net income and number of shares outstanding have been adjusted for the impact of exchangeable shares.

Effective tax rate (teb)

Effective tax rate (teb) is calculated using the tax provision for the period adjusted for the teb amount divided by the net income before tax for the period also adjusted for the teb amount. For teb, refer to Definitions above.

Market capitalization

End of period common shares outstanding multiplied by the closing common share price on the Toronto Stock Exchange.

Net interest margin (average assets)

Net interest income as a percentage of total average assets.

Net interest margin (average earning assets)

Net interest income as a percentage of total average earning assets.

Net write-offs

Gross write-offs less recoveries of amounts previously written off.

Operating leverage

The difference between our revenue growth rate and non-interest expense growth rate. For adjusted operating leverage ratio, refer to the non-GAAP measures on page 50.

NIE Growth

The growth rate is calculated based on NIE in the same period a year ago. For adjusted NIE growth, refer to the non-GAAP measures on page 50.

Revenue Growth

The growth rate is calculated based on revenue in the same period a year ago. For adjusted revenue growth, refer to the non-GAAP measures on page 50.

Risk-weighted assets (RWA) - Basel III

Used in the calculation of risk-based capital ratios as defined by the guidelines issued by OSFI. The guidelines are Basel III effective January 1, 2013 and the "Basel III: A global regulatory framework for more resilient banks and banking systems - December 2010 (rev June 2011)" issued by the Basel Committee on Banking Supervision (BCBS) and adopted by OSFI effective January 2013. A majority of our credit risk portfolios use IRB Approach and the remainder uses Standardized Approach for the calculation of RWA based on the total exposure (i.e. exposure at default, and counterparty risk weights). For market risk measurement we use the internal models approach for products with regulatory approval and a standardized approach for all other products. For Operational risk, we use the Advanced Measurement Approach. In addition, Basel III requires a transitional capital floor adjustment.

n.a.

Not applicable