



SUPPLEMENTARY FINANCIAL INFORMATION

THIRD QUARTER 2019

(unaudited)

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Notes to users

- 1) The quantitative information in this document has been prepared in accordance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB), unless otherwise indicated, and should be read in conjunction with the Report to Shareholders for all quarters of 2019. This supplementary financial information (SFI) is unaudited and should be read in conjunction with the 2018 Annual Report (including audited consolidated financial statements and accompanying management's discussion and analysis). Additional financial information is also available through our quarterly investor presentations as well as the quarterly conference call webcast. All amounts are in millions of Canadian dollars, unless otherwise stated.
- 2) Information related to regulatory capital as well as Pillar 3 and risk disclosures required by the Enhanced Disclosure Task Force (EDTF) is provided in the document entitled *Supplementary Regulatory Capital and Pillar 3 Disclosure*, which is available on the Bank's website at nbc.ca.
- 3) The Bank uses a number of financial measures when assessing its results and measuring overall performance. Some of these financial measures are not calculated in accordance with GAAP, which are based on IFRS. Presenting non-GAAP financial measures helps readers to better understand how management analyzes results, shows the impacts of specified items on the results of the reported periods, and allows readers to assess results without the specified items if they consider such items not to be reflective of the underlying financial performance of the Bank's operations. Securities regulators require companies to caution readers that non-GAAP measures do not have a standardized meaning under GAAP and therefore may not be comparable to similar measures used by other companies.
- 4) Like many other financial institutions, the Bank uses the taxable equivalent basis to calculate net interest income, non-interest income and income taxes. This calculation method consists of grossing up certain tax-exempt income (particularly dividends) by the income tax that would have been otherwise payable. An equivalent amount is added to income taxes. This adjustment is necessary in order to perform a uniform comparison of the return on different assets regardless of their tax treatment.
- 5) For the comparative figures, certain amounts have been revised from those previously reported in order to be consistent with the presentation adopted by the Bank for the year beginning November 1, 2018.
 - The specified items related to the acquisitions of recent years (mainly those of the Wealth Management segment) are no longer presented as specified items as of November 1, 2018, since the amounts are not considered significant. The comparative figures reflect this change. Please refer to page 12 of the Bank's Supplementary Financial Information - Fourth Quarter 2018 for additional information on those specified items.
 - The presentation of segment disclosures is consistent with the presentation adopted by the Bank for the year beginning November 1, 2018. This presentation reflects the fact that advisor banking service activities (in partnership with non-bank financial institutions), which had previously been presented in the Wealth Management segment, are now presented in the Personal and Commercial segment. The Bank made this change to better align the monitoring of its activities with its management structure.

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Highlights

(unaudited) (millions of Canadian dollars, except per share amounts)

	IFRS 9							IAS 39				IFRS 9		IFRS 9	IAS 39
	2019			2018				2017				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Net income	608	558	552	566	569	547	550	525	518	484	497	1,718	1,666	2,232	2,024
Earnings per share - basic	1.68	1.52	1.51	1.53	1.54	1.46	1.48	1.40	1.39	1.30	1.35	4.71	4.48	6.01	5.44
- diluted	1.66	1.51	1.50	1.52	1.52	1.44	1.46	1.39	1.37	1.28	1.34	4.67	4.42	5.94	5.38
Return on common shareholders' equity	18.7%	17.8%	17.2%	17.8%	18.4%	18.6%	18.7%	17.8%	18.2%	17.9%	18.4%	17.9%	18.5%	18.4%	18.1%
Excluding specified items															
Net income	606	558	552	566	569	547	550	525	518	484	497	1,716	1,666	2,232	2,024
Earnings per share - Basic	1.67	1.52	1.51	1.53	1.54	1.46	1.48	1.40	1.39	1.30	1.35	4.70	4.48	6.01	5.44
- Diluted	1.66	1.51	1.50	1.52	1.52	1.44	1.46	1.39	1.37	1.28	1.34	4.67	4.42	5.94	5.38
Return on common shareholders' equity	18.6%	17.8%	17.2%	17.8%	18.4%	18.6%	18.7%	17.8%	18.2%	17.9%	18.4%	17.9%	18.5%	18.4%	18.1%
Efficiency ratio on a taxable equivalent basis	53.5%	55.5%	55.1%	55.3%	54.5%	54.6%	54.9%	55.5%	55.8%	57.0%	56.8%	54.7%	54.7%	54.8%	56.3%
Effective tax rate on a taxable equivalent basis	25.9%	24.6%	26.2%	26.0%	25.8%	25.6%	27.1%	26.3%	27.1%	25.9%	26.5%	25.6%	26.2%	26.1%	26.5%
Total assets	276,312	269,106	263,355	262,471	257,637	256,259	251,065	245,827	240,072	239,020	234,119	276,312	257,637	262,471	245,827
Average loans and acceptances	149,405	147,139	146,083	143,699	140,644	138,095	135,925	134,601	131,976	128,883	127,997	147,547	138,223	139,603	130,882
Average assets	288,328	283,172	279,426	267,865	265,592	267,941	262,425	251,302	245,096	251,033	246,060	283,647	265,291	265,940	248,351
Average common shareholders' equity	11,958	11,758	11,685	11,518	11,255	10,939	10,746	10,660	10,377	10,155	9,886	11,801	10,980	11,115	10,268
Number of common shares outstanding (thousands)	334,210	335,116	335,500	335,071	337,441	339,348	340,390	339,592	341,580	341,524	340,810	334,210	337,441	335,071	339,592
Weighted average basic number of common shares outstanding (thousands)	334,843	335,478	335,716	337,508	339,160	339,885	340,950	341,108	341,555	341,107	339,476	335,344	340,000	339,372	340,809
Weighted average diluted number of common shares outstanding (thousands)	337,768	338,515	338,585	341,395	343,280	343,900	345,458	345,507	345,353	345,416	343,270	338,122	344,135	343,240	344,771
Gross impaired loans ⁽¹⁾	674	627	603	630	630	586	582	380	460	422	442	674	630	630	380
Gross impaired loans ⁽¹⁾ as a % of total loans and acceptances	0.44%	0.42%	0.40%	0.43%	0.44%	0.42%	0.42%	0.28%	0.34%	0.32%	0.34%	0.44%	0.44%	0.43%	0.28%
Provisions for credit losses on impaired loans ⁽¹⁾ as a % of average loans and acceptances	0.20%	0.23%	0.21%	0.23%	0.25%	0.23%	0.21%	0.21%	0.17%	0.18%	0.19%	0.21%	0.23%	0.23%	0.19%
Provisions for credit losses as a % of average loans and acceptances	0.23%	0.23%	0.24%	0.20%	0.21%	0.27%	0.25%	0.21%	0.17%	0.18%	0.19%	0.23%	0.24%	0.23%	0.19%
Net charge-off as a % of average loans and acceptances	0.17%	0.18%	0.20%	0.20%	0.22%	0.22%	0.28%	0.35%	0.16%	0.25%	0.17%	0.18%	0.24%	0.23%	0.23%
Dividends declared per common share	0.68	0.65	0.65	0.62	0.62	0.60	0.60	0.58	0.58	0.56	0.56	1.98	1.82	2.44	2.28
Dividend payout ratio (trailing 4 quarters) excluding specified items	41.7%	41.6%	41.2%	40.6%	40.8%	41.2%	41.7%	41.9%	46.6%	46.6%	55.3%	41.7%	40.8%	40.6%	41.9%
Book value per common share	36.12	35.49	34.85	34.40	33.91	32.64	31.75	31.51	30.84	29.97	29.51	36.12	33.91	34.40	31.51
Share price - High	64.16	63.82	61.80	65.63	64.29	64.08	65.35	62.74	56.44	58.75	56.60	64.16	65.35	65.63	62.74
Share price - Low	60.71	60.31	54.97	58.93	61.26	58.69	62.33	55.29	51.77	52.94	46.83	54.97	58.69	58.69	46.83
Share price - Close	63.88	63.82	61.80	59.76	63.77	60.98	63.84	62.61	56.15	53.05	56.17	63.88	63.77	59.76	62.61
Number of registered shareholders	20,979	21,072	21,245	21,325	21,391	21,470	21,564	21,542	21,608	21,683	21,776	20,979	21,391	21,325	21,542
Capital ratios under Basel III ⁽²⁾															
Common Equity Tier 1 (CET1)	11.7%	11.5%	11.5%	11.7%	11.6%	11.3%	11.2%	11.2%	11.2%	10.8%	10.6%	11.7%	11.6%	11.7%	11.2%
Tier 1 ⁽³⁾	15.2%	15.1%	15.1%	15.5%	15.4%	15.3%	15.3%	14.9%	15.2%	14.2%	14.1%	15.2%	15.4%	15.5%	14.9%
Total ⁽³⁾	16.3%	16.2%	16.3%	16.8%	16.7%	16.6%	15.5%	15.1%	15.5%	14.5%	15.9%	16.3%	16.7%	16.8%	15.1%
Leverage ratio under Basel III ⁽²⁾	4.0%	4.0%	4.1%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	3.8%	3.8%	4.0%	4.0%	4.0%	4.0%
Liquidity coverage ratio (LCR)	154%	141%	139%	147%	147%	137%	135%	132%	134%	139%	139%	154%	147%	147%	132%

(1) Given the adoption of IFRS 9, all loans classified in Stage 3 in the expected credit loss model are impaired loans and do not take into account purchased or originated credit-impaired (POCI) loans. Under IAS 39, loans were considered impaired according to different criteria.

(2) The ratios are calculated using the "all-in" methodology.

(3) The ratios as at October 31, 2017 include the redemption of the Series 28 preferred shares on November 15, 2017.

Shareholders' Information

(unaudited)

Credit Rating - Long-term senior debt	2019			2018				2017			
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Moody's	Aa3	Aa3	Aa3	Aa3	Aa3	A1	A1	A1	A1	Aa3	Aa3
Standard & Poor's	A	A	A	A	A	A	A	A	A	A	A
DBRS	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)
Fitch	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+

Valuation											
Market Capitalization (in millions of Canadian dollars)	21,349	21,387	20,734	20,024	21,519	20,693	21,730	21,262	19,180	18,118	19,143
P/E Ratio (trailing 4 quarters)	10.32	10.55	10.33	10.06	10.98	10.77	11.61	11.64	11.77	11.26	14.22
Share price/Book value	1.77	1.80	1.77	1.74	1.88	1.87	2.01	1.99	1.82	1.77	1.90
Dividend yield (annualized)	4.26%	4.07%	4.21%	4.15%	3.89%	3.94%	3.76%	3.71%	4.13%	4.22%	3.99%

Other Information											
Number of employees											
Canada	19,291	19,136	19,247	19,103	19,275	19,105	18,949	18,967	19,074	19,023	19,265
Outside of Canada	5,590	5,001	4,713	4,347	3,754	3,254	2,919	2,668	2,452	2,267	2,030
	24,881	24,137	23,960	23,450	23,029	22,359	21,868	21,635	21,526	21,290	21,295
Number of employees (full-time equivalent)											
Canada	18,418	18,195	18,274	18,079	18,272	18,086	17,897	17,916	18,068	17,979	18,140
Outside of Canada	5,590	5,001	4,713	4,347	3,754	3,254	2,919	2,668	2,452	2,267	2,030
	24,008	23,196	22,987	22,426	22,026	21,340	20,816	20,584	20,520	20,246	20,170
Number of branches in Canada	429	428	428	428	428	428	429	429	443	445	448
Number of banking machines in Canada	940	940	938	937	934	933	932	931	932	944	941

	Ticker Symbol ⁽¹⁾
Common Shares	NA
First Preferred Shares	
Series 30	NA.PR.S
Series 32	NA.PR.W
Series 34	NA.PR.X
Series 36	NA.PR.A
Series 38	NA.PR.C
Series 40	NA.PR.E
Series 42	NA.PR.G

(1) Listed on the TSX.

Detailed Information on Income

(unaudited) (millions of Canadian dollars) (taxable equivalent basis)

	IFRS 9							IAS 39				IFRS 9		IFRS 9	IAS 39
	2019			2018				2017				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Net interest income	913	987	898	861	872	921	872	921	942	861	921	2,798	2,665	3,526	3,645
Non-interest income	1,129	863	964	1,013	982	897	993	837	798	789	784	2,956	2,872	3,885	3,208
Total revenues	2,042	1,850	1,862	1,874	1,854	1,818	1,865	1,758	1,740	1,650	1,705	5,754	5,537	7,411	6,853
Non-interest expenses	1,154	1,026	1,026	1,036	1,011	992	1,024	976	971	941	969	3,206	3,027	4,063	3,857
Provisions for credit losses	86	84	88	73	76	91	87	70	58	56	60	258	254	327	244
Income before income taxes	802	740	748	765	767	735	754	712	711	653	676	2,290	2,256	3,021	2,752
Income taxes	194	182	196	199	198	188	204	187	193	169	179	572	590	789	728
Net income	608	558	552	566	569	547	550	525	518	484	497	1,718	1,666	2,232	2,024
Non-controlling interests	17	19	16	16	23	25	23	19	24	22	19	52	71	87	84
Net income attributable to the Bank's shareholders	591	539	536	550	546	522	527	506	494	462	478	1,666	1,595	2,145	1,940
Effective tax rate	24.2%	24.6%	26.2%	26.0%	25.8%	25.6%	27.1%	26.3%	27.1%	25.9%	26.5%	25.0%	26.2%	26.1%	26.5%
Dividends on preferred shares	29	29	29	32	25	26	22	27	19	20	19	87	73	105	85
Dividends on common shares	228	218	218	209	211	204	205	198	198	191	191	664	620	829	778
Number of common shares (Average-Basic) (thousands)	334,843	335,478	335,716	337,508	339,160	339,885	340,950	341,108	341,555	341,107	339,476	335,344	340,000	339,372	340,809

Excluding specified items															
Net interest income	913	987	898	861	872	921	872	921	942	861	921	2,798	2,665	3,526	3,645
Non-interest income	1,033	863	964	1,013	982	897	993	837	798	789	784	2,860	2,872	3,885	3,208
Total revenues	1,946	1,850	1,862	1,874	1,854	1,818	1,865	1,758	1,740	1,650	1,705	5,658	5,537	7,411	6,853
Non-interest expenses	1,042	1,026	1,026	1,036	1,011	992	1,024	976	971	941	969	3,094	3,027	4,063	3,857
Provisions for credit losses	86	84	88	73	76	91	87	70	58	56	60	258	254	327	244
Income before income taxes	818	740	748	765	767	735	754	712	711	653	676	2,306	2,256	3,021	2,752
Income taxes	212	182	196	199	198	188	204	187	193	169	179	590	590	789	728
Net income	606	558	552	566	569	547	550	525	518	484	497	1,716	1,666	2,232	2,024
Non-controlling interests	17	19	16	16	23	25	23	19	24	22	19	52	71	87	84
Net income attributable to the Bank's shareholders	589	539	536	550	546	522	527	506	494	462	478	1,664	1,595	2,145	1,940
Effective tax rate	25.9%	24.6%	26.2%	26.0%	25.8%	25.6%	27.1%	26.3%	27.1%	25.9%	26.5%	25.6%	26.2%	26.1%	26.5%
Dividends on preferred shares	29	29	29	32	25	26	22	27	19	20	19	87	73	105	85
Dividends on common shares	228	218	218	209	211	204	205	198	198	191	191	664	620	829	778
Number of common shares (Average-Basic) (thousands)	334,843	335,478	335,716	337,508	339,160	339,885	340,950	341,108	341,555	341,107	339,476	335,344	340,000	339,372	340,809

Taxable equivalent basis															
Net interest income	58	45	35	35	35	36	38	40	55	46	68	138	109	144	209
Non-interest income	36	35	28	25	27	28	21	14	10	7	4	99	76	101	35
Income taxes	94	80	63	60	62	64	59	54	65	53	72	237	185	245	244

Net income by segment															
Excluding specified items															
Personal and Commercial	277	234	246	257	250	215	230	237	239	230	212	757	695	952	918
Wealth Management	126	118	125	118	120	112	114	106	99	93	95	369	346	464	393
Financial Markets	182	160	170	192	178	190	204	183	165	171	179	512	572	764	698
U.S. Specialty Finance and International (USSF&I)	69	72	60	55	54	63	50	55	51	40	38	201	167	222	184
Other	(48)	(26)	(49)	(56)	(33)	(33)	(48)	(56)	(36)	(50)	(27)	(123)	(114)	(170)	(169)

Results of Operations as a % of Average Assets; Selected B/S items; AUA & AUM

(unaudited) (millions of Canadian dollars, except results of operations as a % of average assets)

As a % of Average Assets (excluding specified items)	IFRS 9								IAS 39				IFRS 9		IFRS 9	IAS 39
	2019			2018					2017				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017	
Total revenues on taxable equivalent basis	2.68	2.68	2.64	2.78	2.77	2.78	2.82	2.78	2.82	2.70	2.75	2.67	2.79	2.79	2.76	
Non-interest expenses	1.43	1.49	1.46	1.53	1.51	1.52	1.55	1.54	1.57	1.54	1.56	1.46	1.53	1.53	1.55	
Provisions for credit losses	0.12	0.12	0.12	0.11	0.11	0.14	0.13	0.11	0.09	0.09	0.10	0.12	0.13	0.12	0.10	
Income taxes on taxable equivalent basis	0.29	0.26	0.28	0.29	0.30	0.29	0.31	0.30	0.31	0.28	0.29	0.28	0.30	0.30	0.29	
Non-controlling interests	0.02	0.03	0.02	0.02	0.03	0.04	0.03	0.03	0.04	0.04	0.03	0.02	0.03	0.03	0.03	
Net income attributable to the Bank's shareholders	0.82	0.78	0.76	0.83	0.82	0.79	0.80	0.80	0.81	0.75	0.77	0.79	0.80	0.81	0.79	

Prime rate	3.95%	3.95%	3.95%	3.72%	3.50%	3.45%	3.24%	3.10%	2.75%	2.70%	2.70%	3.95%	3.40%	3.48%	2.81%
CDOR	1.97%	2.02%	2.18%	1.87%	1.69%	1.60%	1.40%	1.29%	0.95%	0.91%	0.91%	2.06%	1.56%	1.64%	1.01%
Spread	1.98%	1.93%	1.77%	1.85%	1.81%	1.85%	1.84%	1.81%	1.81%	1.79%	1.79%	1.89%	1.84%	1.84%	1.80%

Selected average Consolidated Balance Sheet items															
Average Securities	91,025	81,461	76,545	74,623	76,022	78,038	75,076	64,252	63,147	70,075	69,005	83,027	76,360	75,923	66,591
Average Securities purchased under reverse repurchase agreements and securities borrowed	21,665	23,705	24,368	20,415	17,549	20,600	21,811	21,735	20,735	18,754	18,251	23,241	19,980	20,090	19,878
Average loans and acceptances	149,405	147,139	146,083	143,699	140,644	138,095	135,925	134,601	131,976	128,883	127,997	147,547	138,223	139,603	130,882
Average interest-bearing assets	265,909	261,001	255,877	247,161	244,701	245,967	243,388	231,893	225,294	228,078	222,882	260,928	244,671	245,299	227,028
Average assets	288,328	283,172	279,426	267,865	265,592	267,941	262,425	251,302	245,096	251,033	246,060	283,647	265,291	265,940	248,351
Average deposits	186,344	180,421	176,490	170,598	167,588	166,201	164,286	158,007	155,421	153,220	150,336	181,093	166,023	167,176	154,254
Average Common shareholders' equity	11,958	11,758	11,685	11,518	11,255	10,939	10,746	10,660	10,377	10,155	9,886	11,801	10,980	11,115	10,268

Assets Under Administration and Under Management												
Assets under administration	479,118	473,549	438,385	416,199	425,299	427,407	428,377	411,817	365,586	364,077	352,926	
Assets under management												
Individual	42,387	41,435	39,396	37,007	37,056	35,104	34,487	33,349	31,168	30,831	28,879	
Mutual funds	36,353	34,407	32,255	31,874	33,741	32,911	32,838	32,192	30,909	30,939	29,431	
	78,740	75,842	71,651	68,881	70,797	68,015	67,325	65,541	62,077	61,770	58,310	
Assets under administration and under management	557,858	549,391	510,036	485,080	496,096	495,422	495,702	477,358	427,663	425,847	411,236	

Segment Disclosures (excluding specified items)

(unaudited) (millions of Canadian dollars) (taxable equivalent basis)

	IFRS 9							IAS 39				IFRS 9		IFRS 9	IAS 39
	2019			2018				2017				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Personal and Commercial															
Net interest income	604	577	589	588	581	547	560	552	541	510	524	1,770	1,688	2,276	2,127
Non-interest income	287	256	263	261	269	248	255	249	259	236	245	806	772	1,033	989
Total revenues	891	833	852	849	850	795	815	801	800	746	769	2,576	2,460	3,309	3,116
Non-interest expenses	456	452	458	446	448	445	443	426	428	426	427	1,366	1,336	1,782	1,707
Provisions for credit losses ⁽¹⁾	57	63	58	52	61	57	58	51	46	6	53	178	176	228	156
Income before income taxes	378	318	336	351	341	293	314	324	326	314	289	1,032	948	1,299	1,253
Income taxes	101	84	90	94	91	78	84	87	87	84	77	275	253	347	335
Net income	277	234	246	257	250	215	230	237	239	230	212	757	695	952	918
Non-controlling interests	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net income attributable to the Bank's shareholders	277	234	246	257	250	215	230	237	239	230	212	757	695	952	918
Net interest margin ⁽²⁾	2.23%	2.23%	2.22%	2.25%	2.26%	2.23%	2.24%	2.22%	2.19%	2.16%	2.17%	2.23%	2.24%	2.24%	2.19%
Efficiency ratio	51.2%	54.3%	53.8%	52.5%	52.7%	56.0%	54.4%	53.2%	53.5%	57.1%	55.5%	53.0%	54.3%	53.9%	54.8%
Average loans and acceptances - Personal	76,143	75,420	75,268	74,413	73,281	72,241	72,002	71,614	70,742	69,680	69,470	75,612	72,511	72,991	70,382
Mortgages loans	63,440	62,808	62,616	61,858	60,817	59,867	59,588	58,993	58,153	57,341	57,213	62,956	60,093	60,538	57,930
Personal loans	10,464	10,433	10,414	10,354	10,277	10,272	10,239	10,378	10,363	10,189	10,048	10,437	10,263	10,286	10,245
Credit Card	2,239	2,179	2,238	2,201	2,187	2,102	2,175	2,243	2,226	2,150	2,209	2,219	2,155	2,167	2,207
Average loans and acceptances - Commercial	36,486	36,013	35,321	34,703	33,959	33,180	32,235	31,839	31,508	31,471	30,713	35,939	33,124	33,522	31,382
Commercial (excluding Oil & Gas)	34,823	34,287	33,728	33,166	32,484	31,836	30,961	30,632	30,387	30,269	29,423	34,279	31,760	32,114	30,177
Oil & Gas	1,663	1,726	1,593	1,537	1,475	1,344	1,274	1,207	1,121	1,202	1,290	1,660	1,364	1,408	1,205
Average assets	113,132	111,910	111,145	109,490	107,539	105,751	104,612	103,776	102,674	101,543	100,543	112,064	105,970	106,857	102,139
Average interest-bearing assets	107,308	106,074	105,389	103,769	102,065	100,515	99,403	98,749	97,871	96,856	95,865	106,259	100,663	101,446	97,339
Average deposits - Personal	30,872	30,407	29,888	29,265	29,060	28,643	28,377	27,965	27,847	27,505	27,348	30,389	28,694	28,838	27,668
Average deposits - Commercial	32,313	30,423	31,505	31,803	30,180	28,003	28,142	28,987	27,745	26,398	24,723	31,425	28,783	29,545	26,968
Number of employees	9,349	9,440	9,564	9,575	9,687	9,605	9,521	9,489				9,349	9,687	9,575	9,489
Wealth Management															
Net interest income	115	112	128	115	114	109	108	103	92	88	90	355	331	446	373
Non-interest income	322	314	306	312	311	304	316	294	294	291	293	942	931	1,243	1,172
Total revenues	437	426	434	427	425	413	424	397	386	379	383	1,297	1,262	1,689	1,545
Non-interest expenses	267	266	265	267	262	260	269	254	252	252	253	798	791	1,058	1,011
Provisions for credit losses ⁽¹⁾	-	-	-	-	-	1	-	-	-	-	-	-	1	1	-
Income before income taxes	170	160	169	160	163	152	155	143	134	127	130	499	470	630	534
Income taxes	44	42	44	42	43	40	41	37	35	34	35	130	124	166	141
Net income	126	118	125	118	120	112	114	106	99	93	95	369	346	464	393
Non-controlling interests	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net income attributable to the Bank's shareholders	126	118	125	118	120	112	114	106	99	93	95	369	346	464	393
Efficiency ratio	61.1%	62.4%	61.1%	62.5%	61.6%	63.0%	63.4%	64.0%	65.3%	66.5%	66.1%	61.5%	62.7%	62.6%	65.4%
Average loans and acceptances	4,855	4,829	4,911	4,926	4,784	4,669	4,501	4,383	4,332	4,102	4,060	4,865	4,651	4,720	4,220
Average assets	6,146	6,154	6,492	6,356	6,187	6,094	6,030	6,144	6,042	5,796	5,801	6,265	6,104	6,167	5,947
Average deposits	31,916	32,486	33,129	31,833	31,065	31,134	31,006	29,741	30,651	31,661	31,408	32,511	31,068	31,261	30,859
Number of employees	2,704	2,685	2,676	2,668	2,681	2,663	2,657	2,677				2,704	2,681	2,668	2,677

(1) Under IFRS 9, the Bank accounts for provisions for credit losses within the business segments. In 2017, only provisions for credit losses on impaired loans had been recognized in the business segments, whereas provisions for credit losses on performing loans had been recognized in the *Other* heading (except the sectoral provision on performing loans recorded for the oil and gas producer and service company loan portfolio, presented in the Personal and Commercial segment).

(2) Net interest margin is calculated by dividing net interest income by average interest-bearing assets.

Segment Disclosures (excluding specified items) (continued)

(unaudited) (millions of Canadian dollars) (taxable equivalent basis)

	IFRS 9								IAS 39				IFRS 9		IFRS 9	IAS 39
	2019			2018					2017				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017	
Financial Markets																
Net interest income	83	185	77	71	93	146	99	165	184	194	229	345	338	409	772	
Non-interest income	358	219	333	365	323	291	355	248	205	206	187	910	969	1,334	846	
Total revenues	441	404	410	436	416	437	454	413	389	400	416	1,255	1,307	1,743	1,618	
Non-interest expenses	183	179	175	174	171	176	176	163	164	166	172	537	523	697	665	
Provisions for credit losses ⁽¹⁾	10	7	3	–	2	2	–	–	–	–	–	20	4	4	–	
Income before income taxes	248	218	232	262	243	259	278	250	225	234	244	698	780	1,042	953	
Income taxes	66	58	62	70	65	69	74	67	60	63	65	186	208	278	255	
Net income	182	160	170	192	178	190	204	183	165	171	179	512	572	764	698	
Non-controlling interests	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Net income attributable to the Bank's shareholders	182	160	170	192	178	190	204	183	165	171	179	512	572	764	698	
Efficiency ratio on a taxable equivalent basis	41.5%	44.3%	42.7%	39.9%	41.1%	40.3%	38.8%	39.5%	42.2%	41.5%	41.3%	42.8%	40.0%	40.0%	41.1%	
Average loans and acceptances (Corporate Banking only)	16,706	16,407	16,230	16,005	15,667	14,756	14,025	13,931	13,236	12,547	12,739	16,448	14,817	15,116	13,118	
Average assets	116,601	109,485	104,545	97,976	99,067	104,131	101,816	93,030	92,046	98,189	96,781	110,218	101,644	100,721	94,991	
Average deposits	29,991	28,793	27,100	25,234	23,525	22,827	22,430	21,660	20,914	20,266	20,843	28,626	22,928	23,510	20,926	
Number of employees	803	724	712	706	722	679	687	701				803	722	706	701	

U.S. Specialty Finance and International (USSF&I)															
Net interest income	159	159	158	147	140	150	147	139	129	101	97	476	437	584	466
Non-interest income	15	19	13	11	6	24	14	15	18	21	21	47	44	55	75
Total revenues	174	178	171	158	146	174	161	154	147	122	118	523	481	639	541
Non-interest expenses	69	74	68	65	64	62	60	56	58	55	56	211	186	251	225
Provisions for credit losses ⁽¹⁾	19	14	27	22	12	31	29	19	12	10	7	60	72	94	48
Income before income taxes	86	90	76	71	70	81	72	79	77	57	55	252	223	294	268
Income taxes	17	18	16	16	16	18	22	24	26	17	17	51	56	72	84
Net income	69	72	60	55	54	63	50	55	51	40	38	201	167	222	184
Non-controlling interests	11	12	10	8	10	11	9	6	9	8	6	33	30	38	29
Net income attributable to the Bank's shareholders	58	60	50	47	44	52	41	49	42	32	32	168	137	184	155
Efficiency ratio	39.7%	41.6%	39.8%	41.1%	43.8%	35.6%	37.3%	36.4%	39.5%	45.1%	47.5%	40.3%	38.7%	39.3%	41.6%
Average loans and receivables	8,769	8,711	8,808	8,218	7,637	7,856	7,702	7,565	6,657	5,269	4,733	8,763	7,730	7,853	6,062
Average revenue-bearing other assets	–	–	–	1	2	10	46	113	308	578	801	–	19	15	449
Average assets	10,972	10,600	10,448	9,957	9,233	9,104	8,777	8,658	7,940	6,799	6,655	10,674	9,037	9,270	7,519
Average deposits	3,665	3,238	2,758	2,289	2,007	1,795	1,532	1,418	1,294	1,225	1,122	3,220	1,778	1,907	1,265
Number of employees	5,425	4,858	4,572	4,202	3,612	3,125	2,794	2,543				5,425	3,612	4,202	2,543

(1) Under IFRS 9, the Bank accounts for provisions for credit losses within the business segments. In 2017, only provisions for credit losses on impaired loans had been recognized in the business segments, whereas provisions for credit losses on performing loans had been recognized in the *Other* heading.

Segment Disclosures (excluding specified items) (continued)

(unaudited) (millions of Canadian dollars)

Other	IFRS 9							IAS 39				IFRS 9		IFRS 9	IAS 39
	2019			2018				2017				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Net interest income	(106)	(91)	(89)	(95)	(91)	(67)	(80)	(78)	(59)	(78)	(87)	(286)	(238)	(333)	(302)
Non-interest income	15	20	21	39	46	2	32	17	12	28	34	56	80	119	91
Total revenues	(91)	(71)	(68)	(56)	(45)	(65)	(48)	(61)	(47)	(50)	(53)	(230)	(158)	(214)	(211)
Non-interest expenses	67	55	60	84	66	49	76	77	69	42	61	182	191	275	249
Provisions for credit losses ⁽¹⁾	-	-	-	(1)	1	-	-	-	-	40	-	-	1	-	40
Income before income taxes	(158)	(126)	(128)	(139)	(112)	(114)	(124)	(138)	(116)	(132)	(114)	(412)	(350)	(489)	(500)
Income taxes (recovery)	(110)	(100)	(79)	(83)	(79)	(81)	(76)	(82)	(80)	(82)	(87)	(289)	(236)	(319)	(331)
Net income	(48)	(26)	(49)	(56)	(33)	(33)	(48)	(56)	(36)	(50)	(27)	(123)	(114)	(170)	(169)
Non-controlling interests	6	7	6	8	13	14	14	13	15	14	13	19	41	49	55
Net income attributable to the Bank's shareholders	(54)	(33)	(55)	(64)	(46)	(47)	(62)	(69)	(51)	(64)	(40)	(142)	(155)	(219)	(224)
Average assets	41,477	45,023	46,796	44,086	43,566	42,861	41,190	39,694	36,394	38,706	36,280	44,426	42,536	42,925	37,755
Average deposits	57,587	55,074	52,110	50,174	51,751	53,799	52,799	48,236	46,970	46,165	44,892	54,922	52,772	52,115	46,568
Number of employees	6,600	6,430	6,436	6,299	6,327	6,287	6,209	6,225				6,600	6,327	6,299	6,225

Total	IFRS 9							IAS 39				IFRS 9		IFRS 9	IAS 39
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Net interest income	855	942	863	826	837	885	834	881	887	815	853	2,660	2,556	3,382	3,436
Non-interest income	997	828	936	988	955	869	972	823	788	782	780	2,761	2,796	3,784	3,173
Total revenues	1,852	1,770	1,799	1,814	1,792	1,754	1,806	1,704	1,675	1,597	1,633	5,421	5,352	7,166	6,609
Non-interest expenses	1,042	1,026	1,026	1,036	1,011	992	1,024	976	971	941	969	3,094	3,027	4,063	3,857
Provisions for credit losses	86	84	88	73	76	91	87	70	58	56	60	258	254	327	244
Income before income taxes	724	660	685	705	705	671	695	658	646	600	604	2,069	2,071	2,776	2,508
Income taxes	118	102	133	139	136	124	145	133	128	116	107	353	405	544	484
Net income	606	558	552	566	569	547	550	525	518	484	497	1,716	1,666	2,232	2,024
Non-controlling interests	17	19	16	16	23	25	23	19	24	22	19	52	71	87	84
Net income attributable to the Bank's shareholders	589	539	536	550	546	522	527	506	494	462	478	1,664	1,595	2,145	1,940
Efficiency ratio on a taxable equivalent basis	53.5%	55.5%	55.1%	55.3%	54.5%	54.6%	54.9%	55.5%	55.8%	57.0%	56.8%	54.7%	54.7%	54.8%	56.3%
Average loans and BA's	149,405	147,139	146,083	143,699	140,644	138,095	135,925	134,601	131,976	128,883	127,997	147,547	138,223	139,603	130,882
Average assets	288,328	283,172	279,426	267,865	265,592	267,941	262,425	251,302	245,096	251,033	246,060	283,647	265,291	265,940	248,351
Average deposits	186,344	180,421	176,490	170,598	167,588	166,201	164,286	158,007	155,421	153,220	150,336	181,093	166,023	167,176	154,254
Number of employees	24,881	24,137	23,960	23,450	23,029	22,359	21,868	21,635				24,881	23,029	23,450	21,635

(1) Under IFRS 9, the Bank accounts for provisions for credit losses within the business segments. In 2017, only provisions for credit losses on impaired loans had been recognized in the business segments, whereas provisions for credit losses on performing loans had been recognized in the *Other* heading (except the sectoral provision on performing loans recorded for the oil and gas producer and service company loan portfolio, presented in the Personal and Commercial segment).

U.S. Specialty Finance and International - Detailed Information

(unaudited) (millions of Canadian dollars)

	IFRS 9												YTD			
	2019												2019			
	Q3			Q2			Q1			2019						
	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total
Net interest income	88	72	(1)	159	97	64	(2)	159	101	58	(1)	158	286	194	(4)	476
Non-interest income	7	7	1	15	10	5	4	19	4	7	2	13	21	19	7	47
Total revenues	95	79	-	174	107	69	2	178	105	65	1	171	307	213	3	523
Non-interest expenses	36	33	-	69	42	31	1	74	36	31	1	68	114	95	2	211
Provisions for credit losses ⁽²⁾	15	4	-	19	12	2	-	14	23	4	-	27	50	10	-	60
Income before income taxes	44	42	-	86	53	36	1	90	46	30	-	76	143	108	1	252
Income taxes	9	8	-	17	11	7	-	18	10	6	-	16	30	21	-	51
Net Income	35	34	-	69	42	29	1	72	36	24	-	60	113	87	1	201
Non-controlling interests	8	3	-	11	9	3	-	12	7	3	-	10	24	9	-	33
Net income attributable to the Bank's shareholders	27	31	-	58	33	26	1	60	29	21	-	50	89	78	1	168
Efficiency ratio	37.9%	41.8%	-	39.7%	39.3%	44.9%	-	41.6%	34.3%	47.7%	-	39.8%	37.1%	44.6%	-	40.3%
Average loans and receivables	5,932	2,837	-	8,769	6,108	2,603	-	8,711	6,498	2,310	-	8,808	6,180	2,583	-	8,763
Average assets	6,120	4,468	384	10,972	6,329	3,897	374	10,600	6,661	3,411	376	10,448	6,370	3,926	378	10,674
Average deposits	-	3,665	-	3,665	-	3,238	-	3,238	-	2,758	-	2,758	-	3,220	-	3,220

	IFRS 9																			
	2018																			
	Q4				Q3				Q2				Q1				Full Year			
	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total
Net interest income	100	49	(2)	147	97	44	(1)	140	113	38	(1)	150	114	34	(1)	147	424	165	(5)	584
Non-interest income	-	8	3	11	3	3	-	6	16	7	1	24	3	9	2	14	22	27	6	55
Total revenues	100	57	1	158	100	47	(1)	146	129	45	-	174	117	43	1	161	446	192	1	639
Non-interest expenses	38	27	-	65	40	24	-	64	39	22	1	62	39	20	1	60	156	93	2	251
Provisions for credit losses ⁽²⁾	18	4	-	22	9	3	-	12	28	3	-	31	26	3	-	29	81	13	-	94
Income before income taxes	44	26	1	71	51	20	(1)	70	62	20	(1)	81	52	20	-	72	209	86	(1)	294
Income taxes	10	6	-	16	13	3	-	16	14	4	-	18	18	4	-	22	55	17	-	72
Net Income	34	20	1	55	38	17	(1)	54	48	16	(1)	63	34	16	-	50	154	69	(1)	222
Non-controlling interests	6	2	-	8	7	3	-	10	9	2	-	11	7	2	-	9	29	9	-	38
Net income attributable to the Bank's shareholders	28	18	1	47	31	14	(1)	44	39	14	(1)	52	27	14	-	41	125	60	(1)	184
Efficiency ratio	38.0%	47.4%	-	41.1%	40.0%	51.1%	-	43.8%	30.2%	48.9%	-	35.6%	33.3%	46.5%	-	37.3%	35.0%	48.4%	-	39.3%
Average loans and receivables	6,145	2,073	-	8,218	5,744	1,893	-	7,637	6,150	1,706	-	7,856	6,197	1,487	18	7,702	6,058	1,790	5	7,853
Average assets	6,355	3,235	367	9,957	6,316	2,549	368	9,233	6,449	2,284	371	9,104	6,406	1,991	380	8,777	6,381	2,517	372	9,270
Average deposits	-	2,289	-	2,289	-	2,007	-	2,007	-	1,795	-	1,795	-	1,532	-	1,532	-	1,907	-	1,907

	IAS 39																			
	2017																			
	Q4				Q3				Q2				Q1				Full Year			
	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total
Net interest income	109	31	(1)	139	104	26	(1)	129	77	24	-	101	76	22	(1)	97	366	103	(3)	466
Non-interest income	2	7	6	15	13	6	(1)	18	14	3	4	21	14	6	1	21	43	22	10	75
Total revenues	111	38	5	154	117	32	(2)	147	91	27	4	122	90	28	-	118	409	125	7	541
Non-interest expenses	38	17	1	56	43	15	-	58	39	14	2	55	43	13	-	56	163	59	3	225
Provisions for credit losses ⁽²⁾	18	1	-	19	11	1	-	12	9	1	-	10	6	1	-	7	44	4	-	48
Income before income taxes	55	20	4	79	63	16	(2)	77	43	12	2	57	41	14	-	55	202	62	4	268
Income taxes	19	4	1	24	23	3	-	26	15	2	-	17	14	3	-	17	71	12	1	84
Net Income	36	16	3	55	40	13	(2)	51	28	10	2	40	27	11	-	38	131	50	3	184
Non-controlling interests	4	2	-	6	8	1	-	9	6	2	-	8	5	1	-	6	23	6	-	

Specified Items

(unaudited) (millions of Canadian dollars)

		Net interest income	Non-interest income	Total revenues	Non-interest expenses	Provisions for credit losses	Income before Income taxes	Income taxes	Net income
2019									
Q3	Gain on disposal of Fiera Capital shares	–	79	79	–	–	79	11	68
	Gain on disposal of premises and equipment	–	50	50	–	–	50	7	43
	Remeasurement at fair value of an investment	–	(33)	(33)	–	–	(33)	(6)	(27)
	Impairment losses on premises and equipment and on intangible assets	–	–	–	57	–	(57)	(15)	(42)
	Provisions for onerous contracts	–	–	–	45	–	(45)	(12)	(33)
	Severance pay	–	–	–	10	–	(10)	(3)	(7)
	Total	–	96	96	112	–	(16)	(18)	2

Consolidated Results

(unaudited) (millions of Canadian dollars)

	IFRS 9							IAS 39				IFRS 9		IFRS 9	IAS 39
	2019			2018				2017				YTD		Full year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Net interest income	855	942	863	826	837	885	834	881	887	815	853	2,660	2,556	3,382	3,436
Non-interest income	1,093	828	936	988	955	869	972	823	788	782	780	2,857	2,796	3,784	3,173
Total revenues	1,948	1,770	1,799	1,814	1,792	1,754	1,806	1,704	1,675	1,597	1,633	5,517	5,352	7,166	6,609
Non-interest expenses	1,154	1,026	1,026	1,036	1,011	992	1,024	976	971	941	969	3,206	3,027	4,063	3,857
Provisions for credit losses	86	84	88	73	76	91	87	70	58	56	60	258	254	327	244
Income before income taxes	708	660	685	705	705	671	695	658	646	600	604	2,053	2,071	2,776	2,508
Income taxes	100	102	133	139	136	124	145	133	128	116	107	335	405	544	484
Net income	608	558	552	566	569	547	550	525	518	484	497	1,718	1,666	2,232	2,024
Non-controlling interests	17	19	16	16	23	25	23	19	24	22	19	52	71	87	84
Net income attributable to the Bank's shareholders	591	539	536	550	546	522	527	506	494	462	478	1,666	1,595	2,145	1,940
Average loans and acceptances	149,405	147,139	146,083	143,699	140,644	138,095	135,925	134,601	131,976	128,883	127,997	147,547	138,223	139,603	130,882
Average assets	288,328	283,172	279,426	267,865	265,592	267,941	262,425	251,302	245,096	251,033	246,060	283,647	265,291	265,940	248,351
Average deposits	186,344	180,421	176,490	170,598	167,588	166,201	164,286	158,007	155,421	153,220	150,336	181,093	166,023	167,176	154,254

Total Revenues (excluding specified items)

(unaudited) (millions of Canadian dollars)

	IFRS 9							IAS 39				IFRS 9		IFRS 9	IAS 39
	2019			2018				2017				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Net Interest Income															
Interest Income															
Loans	1,608	1,583	1,604	1,506	1,438	1,364	1,324	1,286	1,196	1,117	1,116	4,795	4,126	5,632	4,715
Securities	378	404	322	280	282	307	228	223	237	245	250	1,104	817	1,097	955
Deposits with financial institutions	40	69	70	55	58	47	46	39	31	26	18	179	151	206	114
	2,026	2,056	1,996	1,841	1,778	1,718	1,598	1,548	1,464	1,388	1,384	6,078	5,094	6,935	5,784
Interest expense															
Deposits	886	831	840	748	670	595	549	502	447	431	400	2,557	1,814	2,562	1,780
Liabilities related to transferred receivables	113	108	106	110	105	100	99	107	99	100	97	327	304	414	403
Subordinated debt	6	6	6	6	6	6	-	1	-	7	8	18	12	18	16
Other	166	169	181	151	160	132	116	57	31	35	26	516	408	559	149
	1,171	1,114	1,133	1,015	941	833	764	667	577	573	531	3,418	2,538	3,553	2,348
Tax equivalent adjustment	58	45	35	35	35	36	38	40	55	46	68	138	109	144	209
Net interest income on a taxable equivalent basis	913	987	898	861	872	921	872	921	942	861	921	2,798	2,665	3,526	3,645
Non-Interest Income															
Underwriting and advisory fees	75	82	61	104	106	75	103	71	100	90	88	218	284	388	349
Securities brokerage commissions	43	46	44	48	46	47	54	50	51	57	58	133	147	195	216
Mutual fund revenues	115	112	106	110	111	106	111	105	105	101	101	333	328	438	412
Trust service revenues	155	149	147	150	146	146	145	136	133	126	123	451	437	587	518
Credit fees	107	99	102	104	105	97	97	95	99	84	83	308	299	403	361
Card revenues	45	48	41	39	44	36	40	33	37	29	33	134	120	159	132
Deposits and payment service charges	69	63	68	73	71	68	68	76	71	64	68	200	207	280	279
Trading revenues (losses)	251	105	228	248	200	164	228	134	70	76	94	584	592	840	374
Gains (losses) on available-for-sale securities, net								39	26	49	26				140
Gains (losses) on non-trading securities, net	15	25	32	9	21	19	28					72	68	77	
Insurance revenues, net	46	28	34	29	32	29	31	25	31	30	31	108	92	121	117
Foreign exchange revenues, other than trading	27	22	24	23	26	24	22	19	21	23	18	73	72	95	81
Share in the net income of associates and joint ventures	8	7	8	9	7	5	7	11	7	9	8	23	19	28	35
Other	41	42	41	42	40	53	38	29	37	44	49	124	131	173	159
	997	828	936	988	955	869	972	823	788	782	780	2,761	2,796	3,784	3,173
Tax equivalent adjustment	36	35	28	25	27	28	21	14	10	7	4	99	76	101	35
Non-interest income on a taxable equivalent basis	1,033	863	964	1,013	982	897	993	837	798	789	784	2,860	2,872	3,885	3,208
As a % of total revenues	53.1%	46.6%	51.8%	54.1%	53.0%	49.3%	53.2%	47.6%	45.9%	47.8%	46.0%	50.5%	51.9%	52.4%	46.8%
Trading Revenues															
Net interest income on a taxable equivalent basis	27	120	17	11	45	96	56	115	144	149	187	164	197	208	595
Non-interest income on a taxable equivalent basis	287	140	256	273	227	192	249	148	80	83	98	683	668	941	409
	314	260	273	284	272	288	305	263	224	232	285	847	865	1,149	1,004
Trading Revenues by Product															
Financial Markets															
Equities	165	124	137	141	135	162	138	133	121	116	136	426	435	576	506
Fixed-income	79	65	66	65	53	67	82	76	70	72	76	210	202	267	294
Commodities and foreign exchange	25	29	48	29	28	36	37	21	20	24	42	102	101	130	107
	269	218	251	235	216	265	257	230	211	212	254	738	738	973	907
Other sectors	45	42	22	49	56	23	48	33	13	20	31	109	127	176	97
	314	260	273	284	272	288	305	263	224	232	285	847	865	1,149	1,004

Non-Interest Expenses (excluding specified items)

(unaudited) (millions of Canadian dollars)

Non-Interest Expenses	2019			2018				2017				YTD		Full year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Compensation and employee benefits															
Salaries	317	296	307	302	295	276	280	276	272	257	265	920	851	1,153	1,070
Variable compensation	232	219	212	232	234	234	244	238	236	226	225	663	712	944	925
Pension plans and other post-employment benefits	89	92	97	82	89	91	107	87	87	91	98	278	287	369	363
	638	607	616	616	618	601	631	601	595	574	588	1,861	1,850	2,466	2,358
Occupancy and technology															
Rent	39	41	41	38	37	39	37	39	38	38	36	121	113	151	151
Taxes & insurance	3	4	3	4	3	3	3	1	4	3	3	10	9	13	11
Maintenance, lighting, heating	7	8	7	7	7	7	8	8	7	8	10	22	22	29	33
Technology	90	100	91	94	85	93	103	95	90	89	90	281	281	375	364
Amortization	79	82	81	74	75	71	68	64	63	61	57	242	214	288	245
	218	235	223	217	207	213	219	207	202	199	196	676	639	856	804
Other expenses															
Communications	14	16	16	15	15	17	16	14	16	15	16	46	48	63	61
Professional fees	60	57	62	65	63	56	60	64	64	60	66	179	179	244	254
Capital and payroll taxes	16	19	20	19	20	20	20	19	20	18	16	55	60	79	73
Travel & business development	31	32	31	43	30	27	28	35	29	26	32	94	85	128	122
Other	65	60	58	61	58	58	50	36	45	49	55	183	166	227	185
	186	184	187	203	186	178	174	168	174	168	185	557	538	741	695
	1,042	1,026	1,026	1,036	1,011	992	1,024	976	971	941	969	3,094	3,027	4,063	3,857

Consolidated Balance Sheets

(unaudited) (millions of Canadian dollars)

	IFRS 9							IAS 39			
	2019			2018				2017			
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Assets											
Cash and deposits with financial institutions	11,552	10,498	12,353	12,756	11,037	10,948	11,205	8,802	10,462	9,770	8,616
Securities	84,732	78,621	74,713	69,783	73,369	73,442	72,217	65,343	62,521	65,093	65,667
Securities purchased under reverse repurchase agreements and securities borrowed	13,928	17,193	15,162	18,159	16,253	17,636	16,520	20,789	16,600	17,481	14,779
Loans											
Residential mortgage - insured	29,897	29,538	29,780	29,911	29,997	30,025	30,386	30,763	31,450	31,709	32,226
- uninsured	26,085	25,075	24,351	23,740	22,734	21,849	21,163	20,871	19,978	19,297	18,637
Personal	36,947	36,738	36,698	37,357	36,459	36,155	35,556	35,590	34,724	33,614	32,752
Credit card	2,322	2,324	2,249	2,325	2,285	2,245	2,206	2,247	2,205	2,190	2,120
Business and government	49,950	48,896	47,469	46,606	45,358	43,604	41,117	41,690	41,241	39,481	37,149
Customers' liability under acceptances	6,834	6,854	6,827	6,801	6,661	6,652	6,587	5,991	5,982	5,932	6,493
Allowances for credit losses	(687)	(683)	(664)	(658)	(658)	(666)	(663)	(695)	(735)	(735)	(769)
	151,348	148,742	146,710	146,082	142,836	139,864	136,352	136,457	134,845	131,488	128,608
Other assets	14,752	14,052	14,417	15,691	14,142	14,369	14,771	14,436	15,644	15,188	16,449
Total assets	276,312	269,106	263,355	262,471	257,637	256,259	251,065	245,827	240,072	239,020	234,119
Liabilities and equity											
Deposits											
Personal	58,951	58,170	57,726	55,688	54,277	53,969	53,329	52,175	51,301	52,409	52,407
Business and government	123,699	116,114	110,164	110,321	107,135	104,496	97,492	99,115	95,937	93,644	86,626
Deposit-taking institutions	4,569	5,135	5,040	4,821	5,183	6,309	5,958	5,381	5,072	5,107	5,696
	187,219	179,419	172,930	170,830	166,595	164,774	156,779	156,671	152,310	151,160	144,729
Other											
Acceptances	6,834	6,854	6,827	6,801	6,661	6,652	6,587	5,991	5,982	5,932	6,493
Obligations related to securities sold short	13,917	15,394	15,306	17,780	15,033	12,827	15,800	15,363	13,816	12,177	14,544
Obligations related to securities sold under repurchase agreements and securities loaned	19,764	20,378	21,311	19,998	23,883	26,645	26,772	21,767	21,812	25,118	23,933
Liabilities related to transferred receivables	20,549	20,236	19,298	20,100	19,190	19,620	19,048	20,098	19,558	20,156	19,516
Other liabilities	12,361	11,318	12,404	11,860	11,268	10,978	12,363	12,370	13,213	11,784	11,388
Subordinated debt	773	772	764	747	753	755	8	9	9	10	1,009
	74,198	74,952	75,910	77,286	76,788	77,477	80,578	75,598	74,390	75,177	76,883
Equity											
Equity attributable to the Bank's shareholders											
Preferred shares	2,450	2,450	2,450	2,450	2,450	2,150	2,150	2,050	2,050	1,650	1,650
Common shares	2,914	2,901	2,880	2,822	2,825	2,868	2,861	2,768	2,816	2,793	2,763
Contributed surplus	53	52	53	57	53	52	52	58	58	57	57
Retained earnings	9,044	8,889	8,695	8,472	8,404	8,018	7,785	7,706	7,540	7,164	7,065
Accumulated other comprehensive income	59	50	65	175	159	139	110	168	122	221	173
Non-controlling interests	375	393	372	379	363	781	750	808	786	798	799
	14,895	14,735	14,515	14,355	14,254	14,008	13,708	13,558	13,372	12,683	12,507
Total liabilities & equity	276,312	269,106	263,355	262,471	257,637	256,259	251,065	245,827	240,072	239,020	234,119
Mortgage loan securitization (includes HELOC)	19,753	19,523	18,805	20,075	19,060	19,297	18,424	19,063	18,799	19,366	18,738
Credit card securitization	1,777	1,779	1,737	1,810	1,806	1,757	1,740	1,771	1,747	1,619	1,584
Covered bonds	9,403	8,339	8,331	8,285	8,461	7,482	7,160	7,010	6,724	6,875	6,497
Mutual funds	36,353	34,407	32,255	31,874	33,741	32,911	32,838	32,192	30,909	30,939	29,431
Debt securities - excess of market value over book value	98	77	32	(60)	(43)	(28)	(9)	47	18	195	107
Equity securities - excess of market value over book value	(19)	(12)	(13)	(5)	-	(2)	2	39	65	80	89
Number of common shares outstanding (thousands)	334,210	335,116	335,500	335,071	337,441	339,348	340,390	339,592	341,580	341,524	340,810

Consolidated Statements of Changes in Equity

(unaudited) (millions of Canadian dollars)

	IFRS 9							IAS 39				IFRS 9		IFRS 9	IAS 39
	2019		2018					2017				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Balance at beginning	14,735	14,515	14,355	14,254	14,008	13,708	13,558	13,372	12,683	12,507	12,102	14,355	13,558	13,558	12,102
Impact of adopting IFRS 15 on November 1, 2018 (IFRS 9 on November 1, 2017)	-	-	(4)	-	-	-	(165)	-	-	-	-	(4)	(165)	(165)	-
Net income attributable to the Bank's shareholders	591	539	536	550	546	522	527	506	494	462	478	1,666	1,595	2,145	1,940
Issuances of common shares pursuant to the Stock Option Plan	27	28	23	23	13	21	71	19	11	30	119	78	105	128	179
Issuances of preferred shares	-	-	-	-	300	-	300	-	400	-	-	-	600	600	400
Impact of shares purchased or sold for trading	-	1	44	-	(43)	(2)	35	(56)	16	-	3	45	(10)	(10)	(37)
Other adjustments, common shares	-	-	-	-	-	-	-	1	-	-	(4)	-	-	-	(3)
Repurchases of common shares for cancellation	(14)	(8)	(9)	(26)	(13)	(12)	(13)	(12)	(4)	-	-	(31)	(38)	(64)	(16)
Redemption of preferred shares for cancellation	-	-	-	-	-	-	(200)	-	-	-	-	-	(200)	(200)	-
Premium paid on common shares repurchased for cancellation	(79)	(54)	(51)	(162)	(82)	(81)	(78)	(77)	(22)	-	-	(184)	(241)	(403)	(99)
Dividends on common shares	(228)	(218)	(218)	(209)	(211)	(204)	(205)	(198)	(198)	(191)	(191)	(664)	(620)	(829)	(778)
Dividends on preferred shares	(29)	(29)	(29)	(32)	(25)	(26)	(22)	(27)	(19)	(20)	(19)	(87)	(73)	(105)	(85)
Share issuance expenses, net of income taxes	-	-	-	-	(6)	(1)	(5)	(1)	(7)	-	-	-	(12)	(12)	(8)
Remeasurements of pension plans and other post-employment benefit plans	(83)	13	(52)	(70)	140	(3)	36	(43)	101	(80)	119	(122)	173	103	97
Net gains (losses) on equity securities designated at fair value through other comprehensive income	(9)	1	(6)	(3)	1	(3)	3	-	-	-	-	(14)	1	(2)	-
Net fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss	(3)	(58)	53	6	22	19	(26)	9	26	(41)	(15)	(8)	15	21	(21)
Impact of a financial liability resulting from put options written to non-controlling interests	(6)	(2)	(4)	-	-	-	-	(3)	-	(31)	-	(12)	-	-	(34)
Stock option expense	3	3	3	3	3	3	3	3	2	3	3	9	9	12	11
Stock options exercised	(3)	(4)	(3)	(1)	(2)	(3)	(9)	(3)	(1)	(3)	(19)	(10)	(14)	(15)	(26)
Other adjustments, contributed surplus	1	-	(4)	2	-	-	-	-	-	-	-	(3)	-	2	-
Change in non-controlling interests	(18)	21	(7)	16	(418)	31	(42)	22	(12)	(1)	(11)	(4)	(429)	(413)	(2)
Accumulated other comprehensive income	9	(15)	(110)	16	20	29	(48)	46	(99)	48	(45)	(116)	1	17	(50)
Other adjustments, retained earnings	1	2	(2)	(12)	1	10	(12)	-	1	-	(13)	1	(1)	(13)	(12)
Balance at end	14,895	14,735	14,515	14,355	14,254	14,008	13,708	13,558	13,372	12,683	12,507	14,895	14,254	14,355	13,558
Equity															
Equity attributable to the Bank's shareholders															
Preferred shares	2,450	2,450	2,450	2,450	2,450	2,150	2,150	2,050	2,050	1,650	1,650	2,450	2,450	2,450	2,050
Common shares	2,914	2,901	2,880	2,822	2,825	2,868	2,861	2,768	2,816	2,793	2,763	2,914	2,825	2,822	2,768
Contributed surplus	53	52	53	57	53	52	52	58	58	57	57	53	53	57	58
Retained earnings	9,044	8,889	8,695	8,472	8,404	8,018	7,785	7,706	7,540	7,164	7,065	9,044	8,404	8,472	7,706
Accumulated other comprehensive income	59	50	65	175	159	139	110	168	122	221	173	59	159	175	168
Non-controlling interests	375	393	372	379	363	781	750	808	786	798	799	375	363	379	808
	14,895	14,735	14,515	14,355	14,254	14,008	13,708	13,558	13,372	12,683	12,507	14,895	14,254	14,355	13,558

Consolidated Statements of Comprehensive Income

(unaudited) (millions of Canadian dollars)

	IFRS 9								IAS 39				IFRS 9		IFRS 9	IAS 39
	2019			2018					2017				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017	
Net income	608	558	552	566	569	547	550	525	518	484	497	1,718	1,666	2,232	2,024	
Other comprehensive income, net of income taxes																
Net unrealized foreign currency translation gains (losses) on investments in foreign operations	(41)	50	(8)	21	23	78	(81)	61	(162)	94	(57)	1	20	41	(64)	
Net foreign currency translation (gains) losses on investments in foreign operations reclassified to net income	(8)	–	–	–	–	–	–	–	–	–	–	(8)	–	–	–	
Impact of hedging net foreign currency translation gains (losses)	15	(14)	1	(7)	(5)	(21)	20	(18)	55	(36)	24	2	(6)	(13)	25	
Impact of hedging net foreign currency translation (gains) losses reclassified to net income	6	–	–	–	–	–	–	–	–	–	–	6	–	–	–	
Net foreign currency translation adjustments	(28)	36	(7)	14	18	57	(61)	43	(107)	58	(33)	1	14	28	(39)	
Net unrealized gains (losses) on available-for-sale securities								37	(4)	65	21				119	
Net (gains) losses on available-for-sale securities reclassified to net income								(35)	(32)	(35)	(29)				(131)	
Net change in available-for-sale securities								2	(36)	30	(8)				(12)	
Net unrealized gains (losses) on debt securities at fair value through other comprehensive income	19	16	8	(9)	3	(9)	4					43	(2)	(11)		
Net (gains) losses on debt securities at fair value through other comprehensive income reclassified to net income	(22)	(13)	(10)	4	(7)	(3)	1					(45)	(9)	(5)		
Net change in debt securities at fair value through other comprehensive income	(3)	3	(2)	(5)	(4)	(12)	5					(2)	(11)	(16)		
Net gains (losses) on derivative financial instruments designated as cash flow hedges	41	(51)	(94)	27	13	–	11	20	42	(29)	–	(104)	24	51	33	
Net (gains) losses on designated derivative financial instruments reclassified to net income	(3)	(3)	(9)	(14)	(11)	(11)	(10)	(8)	(5)	(7)	(6)	(15)	(32)	(46)	(26)	
Net change in cash flow hedges	38	(54)	(103)	13	2	(11)	1	12	37	(36)	(6)	(119)	(8)	5	7	
Share in the other comprehensive income of associates and joint ventures	–	3	1	(5)	5	(1)	2	(9)	(1)	–	–	4	6	1	(10)	
Remeasurements of pension plans and other post-employment benefit plans	(83)	13	(52)	(70)	140	(3)	36	(43)	101	(80)	119	(122)	173	103	97	
Net gains (losses) on equity securities designated at fair value through other comprehensive income	(9)	1	(6)	(3)	1	(3)	3					(14)	1	(2)		
Net fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss	(3)	(58)	53	6	22	19	(26)	9	26	(41)	(15)	(8)	15	21	(21)	
Total other comprehensive income, net of income taxes	(88)	(56)	(116)	(50)	184	46	(40)	14	20	(69)	57	(260)	190	140	22	
Comprehensive income	520	502	436	516	753	593	510	539	538	415	554	1,458	1,856	2,372	2,046	
Comprehensive income attributable to																
Bank shareholders	505	480	421	499	729	564	492	518	522	389	537	1,406	1,785	2,284	1,966	
Non-controlling interests	15	22	15	17	24	29	18	21	16	26	17	52	71	88	80	

Gross Loans and Acceptances, Gross Impaired Loans and Allowances for Credit Losses by Borrower Category⁽¹⁾

(unaudited) (millions of Canadian dollars)

	2019											
	Q3				Q2				Q1			
	Gross loans	Gross impaired loans ⁽²⁾	Allowances for credit losses on impaired loans ⁽³⁾ Stage 3	Provisions for credit losses on impaired loans	Gross loans	Gross impaired loans ⁽²⁾	Allowances for credit losses on impaired loans ⁽³⁾ Stage 3	Provisions for credit losses on impaired loans	Gross loans	Gross impaired loans ⁽²⁾	Allowances for credit losses on impaired loans ⁽³⁾ Stage 3	Provisions for credit losses on impaired loans
Residential mortgages ⁽⁴⁾	73,083	183	27	3	71,880	190	26	2	71,197	196	24	2
Qualifying revolving retail	4,120	24	15	27	4,141	24	15	28	4,101	24	15	28
Other retail ⁽⁵⁾	11,755	79	46	29	11,671	85	51	36	11,716	89	52	44
Total – Retail	88,958	286	88	59	87,692	299	92	66	87,014	309	91	74
Agriculture	6,194	73	5	(1)	5,991	65	5	(1)	5,855	49	6	–
Oil & Gas and Pipelines ⁽⁶⁾	4,179	54	53	–	4,017	55	53	6	4,436	55	51	(2)
<i>Oil & Gas</i>	2,749	54	53	–	2,680	55	53	6	2,740	55	51	(2)
<i>Pipelines & Other</i>	1,430	–	–	–	1,337	–	–	–	1,696	–	–	–
Mining	864	–	–	–	777	–	–	–	996	–	–	–
Utilities	3,038	–	–	–	3,222	–	–	–	2,809	–	–	–
Construction Non-Real Estate ⁽⁶⁾⁽⁷⁾	1,238	–	–	–	1,198	1	1	–	998	–	–	–
Manufacturing ⁽⁶⁾	6,198	67	28	8	5,939	45	21	–	5,342	46	21	(1)
Wholesale	2,284	30	10	(1)	2,651	31	13	6	2,179	7	7	1
Retail	3,308	4	3	–	3,427	6	3	(1)	3,447	7	4	–
Transportation ⁽⁶⁾	1,561	11	9	–	1,502	13	8	5	1,455	14	3	2
Communications	1,666	20	14	–	1,431	19	15	2	1,541	19	13	(1)
Finance and Insurance	4,716	13	1	–	4,759	15	1	–	4,756	19	1	–
Real Estate and Construction												
Real Estate ⁽⁶⁾⁽⁸⁾	11,787	27	8	3	11,332	23	6	(1)	11,009	24	7	2
Professional Services	1,997	8	3	–	1,877	7	3	–	1,710	7	1	(1)
Education & Health Care ⁽⁶⁾	3,478	57	13	6	3,376	20	7	–	3,456	20	7	2
Other Services	4,786	23	18	–	4,583	27	19	1	4,719	26	17	–
Government	1,014	–	–	–	1,145	–	–	–	1,369	–	–	–
Other	3,509	1	1	(1)	3,243	1	1	1	2,888	1	1	1
Total – Non-retail	61,817	388	166	14	60,470	328	156	18	58,965	294	139	3
	150,775	674	254	73	148,162	627	248	84	145,979	603	230	77
Stages 1 and 2 ⁽⁹⁾ – Retail			361	1			361	(12)			371	(11)
Stages 1, 2 and 3 ⁽⁹⁾ – Non-retail			209	12			198	9			189	18
Purchased or originated credit-impaired (POCI)	1,260	1,260	(59)	–	1,263	1,263	(60)	3	1,395	1,395	(62)	4
Total	152,035	1,934	765	86	149,425	1,890	747	84	147,374	1,998	728	88

(1) The distribution is made according to the categories of borrowers under the Basel asset classes.

(2) Given the adoption of IFRS 9, all loans classified in Stage 3 of the expected credit loss model are impaired loans.

(3) Allowances for credit losses are based on drawn amounts.

(4) Includes residential mortgages on one-to-four dwellings (Basel definition) and home equity lines of credit.

(5) Includes consumer loans and other retail loans but excludes SME loans which are included in Non-retail portfolios.

(6) The presentation of certain borrower categories was changed in Q1 2019. Comparative figures have been revised.

(7) Includes civil engineering, public private partnership and project finance loans.

(8) Includes residential mortgages 5 units or more and SME loans.

(9) Includes other financial assets at amortized cost and off-balance-sheet commitments.

Gross Loans and Acceptances, Gross Impaired Loans and Allowances for Credit Losses by Borrower Category⁽¹⁾ (continued)

(unaudited) (millions of Canadian dollars)

	2018											
	Q4				Q3				Q2			
	Gross loans	Gross impaired loans ⁽²⁾	Allowances for credit losses on impaired loans ⁽³⁾	Provisions for credit losses on impaired loans	Gross loans	Gross impaired loans ⁽²⁾	Allowances for credit losses on impaired loans ⁽³⁾	Provisions for credit losses on impaired loans	Gross loans	Gross impaired loans ⁽²⁾	Allowances for credit losses on impaired loans ⁽³⁾	Provisions for credit losses on impaired loans
			Stage 3				Stage 3				Stage 3	
Residential mortgages ⁽⁴⁾	70,591	190	22	2	69,207	180	22	2	67,790	179	21	2
Qualifying revolving retail	4,211	23	14	28	4,185	23	13	26	4,145	22	14	28
Other retail ⁽⁵⁾	12,246	91	53	44	12,055	86	50	44	12,163	84	47	41
Total – Retail	87,048	304	89	74	85,447	289	85	72	84,098	285	82	71
Agriculture	5,759	63	7	2	5,628	45	5	–	5,399	33	4	(1)
Oil & Gas and Pipelines ⁽⁶⁾	4,056	97	53	2	3,872	102	53	–	3,547	104	52	4
<i>Oil & Gas</i>	2,506	97	53	2	2,419	102	53	–	2,322	104	52	4
<i>Pipelines & Other</i>	1,550	–	–	–	1,453	–	–	–	1,225	–	–	–
Mining	1,032	–	–	–	868	–	–	–	819	–	–	–
Utilities	2,715	–	–	–	2,567	–	–	–	2,201	4	4	–
Construction Non-Real Estate ⁽⁶⁾⁽⁷⁾	1,049	1	1	–	1,213	–	–	–	1,311	1	1	–
Manufacturing ⁽⁶⁾	5,303	48	22	–	5,138	53	21	11	4,702	17	11	–
Wholesale	2,163	13	6	(1)	2,183	9	7	–	2,154	11	8	1
Retail	3,069	11	4	–	3,053	12	9	–	3,177	14	10	1
Transportation ⁽⁶⁾	1,452	2	1	1	1,446	1	–	–	1,478	1	–	–
Communications	1,597	19	12	1	1,655	16	10	3	1,591	9	8	–
Finance and Insurance	4,732	19	1	–	4,867	24	1	–	4,706	24	1	–
Real Estate and Construction												
Real Estate ⁽⁶⁾⁽⁸⁾	11,629	18	5	1	10,888	23	6	–	11,069	38	7	1
Professional Services	1,582	6	3	1	1,559	6	3	1	1,494	4	2	–
Education & Health Care ⁽⁶⁾	3,284	4	4	4	3,298	19	–	–	3,156	18	–	–
Other Services	4,715	24	17	1	4,820	30	16	3	4,756	21	13	1
Government	1,445	–	–	–	1,421	–	–	–	1,211	–	–	–
Other	2,534	1	1	(3)	2,238	1	1	–	2,186	2	1	–
Total – Non-retail	58,116	326	137	9	56,714	341	132	18	54,957	301	122	7
	145,164	630	226	83	142,161	630	217	90	139,055	586	204	78
Stages 1 and 2 ⁽⁹⁾ – Retail			382	7			373	(16)			394	4
Stages 1, 2 and 3 ⁽⁹⁾ – Non-retail			172	(2)			174	11			156	9
Purchased or originated credit-impaired (POCI)	1,576	1,576	(66)	(15)	1,333	1,333	(44)	(9)	1,475	1,475	(34)	–
Total	146,740	2,206	714	73	143,494	1,963	720	76	140,530	2,061	720	91

(1) The distribution is made according to the categories of borrowers under the Basel asset classes.

(2) Given the adoption of IFRS 9, all loans classified in Stage 3 of the expected credit loss model are impaired loans.

(3) Allowances for credit losses are based on drawn amounts.

(4) Includes residential mortgages on one-to-four dwellings (Basel definition) and home equity lines of credit.

(5) Includes consumer loans and other retail loans but excludes SME loans which are included in Non-retail portfolios.

(6) The presentation of certain borrower categories was changed in Q1 2019. Comparative figures have been revised.

(7) Includes civil engineering, public private partnership and project finance loans.

(8) Includes residential mortgages 5 units or more and SME loans.

(9) Includes other financial assets at amortized cost and off-balance-sheet commitments.

Residential Mortgages Portfolio Information

(unaudited) (millions of Canadian dollars)

Q3 2019														
	Residential Mortgages Portfolio								Average LTV for mortgages originated and acquired during the quarter ⁽¹⁾		Residential Mortgage ⁽²⁾ exposure groups by LTV buckets ⁽³⁾⁽⁴⁾		Residential Mortgage Portfolio (remaining amortization) ⁽⁵⁾⁽⁶⁾	
	Insured		Uninsured		HELOC		Total		Uninsured ⁽⁷⁾	HELOC ⁽⁸⁾	Canada		Canada	
Quebec	12,537	18.1%	10,788	15.5%	14,393	20.8%	37,718	54.4%	72%	72%	30 % or less	5.1%	0 - 20 years	25.5%
Ontario	7,313	10.5%	5,587	8.1%	5,380	7.8%	18,280	26.4%	70%	62%	31 % - 60 %	32.3%	20 - 25 years	51.7%
Alberta	3,640	5.3%	791	1.1%	921	1.3%	5,352	7.7%	71%	69%	61 % - 70 %	20.4%	25 - 30 years	22.0%
British Columbia	2,076	3.0%	1,098	1.6%	1,360	1.9%	4,534	6.5%	62%	61%	71 % - 80 %	25.6%	30 - 35 years	0.8%
New Brunswick	578	0.8%	303	0.4%	250	0.4%	1,131	1.6%	72%	70%	81 % - 90 %	8.5%	35 years and +	0.0%
Saskatchewan	722	1.0%	127	0.2%	186	0.3%	1,035	1.5%	69%	74%	91 % - 95 %	4.0%	Total	100.0%
Manitoba	330	0.5%	84	0.1%	142	0.2%	556	0.8%	66%	67%	96 % or more	4.1%		
Other Canadian provinces ⁽⁷⁾	487	0.7%	115	0.2%	130	0.2%	732	1.1%	68%	70%	Total	100.0%		
USA, Cambodia and Others	27,683	39.9%	18,893	27.2%	22,762	32.9%	69,338	100.0%	71%	68%				
Other residential mortgages ⁽⁸⁾	2,214		3,447				3,745							
	29,897	38.0%	26,085	33.1%	22,762	29.2%	78,744	100.0%						

Q2 2019														
	Residential Mortgages Portfolio								Average LTV for mortgages originated and acquired during the quarter ⁽¹⁾		Residential Mortgage ⁽²⁾ exposure groups by LTV buckets ⁽³⁾⁽⁴⁾		Residential Mortgage Portfolio (remaining amortization) ⁽⁵⁾⁽⁶⁾	
	Insured		Uninsured		HELOC		Total		Uninsured ⁽⁷⁾	HELOC ⁽⁸⁾	Canada		Canada	
Quebec	12,494	18.3%	10,339	15.1%	14,203	20.8%	37,036	54.2%	71%	71%	30 % or less	5.1%	0 - 20 years	25.5%
Ontario	7,401	10.8%	5,397	7.9%	5,273	7.8%	18,071	26.5%	69%	61%	31 % - 60 %	31.7%	20 - 25 years	51.8%
Alberta	3,554	5.2%	800	1.2%	926	1.3%	5,280	7.7%	68%	67%	61 % - 70 %	20.4%	25 - 30 years	22.2%
British Columbia	2,106	3.1%	1,069	1.6%	1,343	1.9%	4,518	6.6%	61%	56%	71 % - 80 %	25.6%	30 - 35 years	0.5%
New Brunswick	585	0.9%	295	0.4%	246	0.3%	1,126	1.6%	73%	69%	81 % - 90 %	9.3%	35 years and +	0.0%
Saskatchewan	705	1.0%	125	0.2%	181	0.3%	1,011	1.5%	73%	69%	91 % - 95 %	3.9%	Total	100.0%
Manitoba	322	0.5%	84	0.1%	140	0.2%	546	0.8%	61%	68%	96 % or more	4.0%		
Other Canadian provinces ⁽⁷⁾	469	0.7%	116	0.2%	127	0.2%	712	1.1%	73%	66%	Total	100.0%		
USA, Cambodia and Others	27,636	40.5%	18,225	26.7%	22,439	32.8%	68,300	100.0%	70%	67%				
Other residential mortgages ⁽⁸⁾	1,902		3,580				3,580							
	29,538	38.3%	25,075	32.5%	22,439	29.2%	77,052	100.0%						

Q1 2019														
	Residential Mortgages Portfolio								Average LTV for mortgages originated and acquired during the quarter ⁽¹⁾		Residential Mortgage ⁽²⁾ exposure groups by LTV buckets ⁽³⁾⁽⁴⁾		Residential Mortgage Portfolio (remaining amortization) ⁽⁵⁾⁽⁶⁾	
	Insured		Uninsured		HELOC		Total		Uninsured ⁽⁷⁾	HELOC ⁽⁸⁾	Canada		Canada	
Quebec	12,678	18.7%	10,092	14.9%	14,046	20.7%	36,816	54.3%	71%	70%	30 % or less	5.2%	0 - 20 years	24.5%
Ontario	7,497	11.0%	5,244	7.7%	5,197	7.7%	17,938	26.4%	67%	62%	31 % - 60 %	31.4%	20 - 25 years	52.3%
Alberta	3,537	5.2%	784	1.2%	928	1.3%	5,249	7.7%	68%	66%	61 % - 70 %	20.0%	25 - 30 years	22.7%
British Columbia	2,151	3.2%	1,041	1.5%	1,318	1.9%	4,510	6.6%	60%	56%	71 % - 80 %	26.0%	30 - 35 years	0.5%
New Brunswick	592	0.9%	289	0.4%	245	0.4%	1,126	1.7%	74%	70%	81 % - 90 %	9.3%	35 years and +	0.0%
Saskatchewan	704	1.0%	124	0.2%	182	0.3%	1,010	1.5%	68%	74%	91 % - 95 %	4.0%	Total	100.0%
Manitoba	323	0.5%	83	0.1%	142	0.2%	548	0.8%	69%	71%	96 % or more	4.1%		
Other Canadian provinces ⁽⁷⁾	470	0.7%	115	0.2%	123	0.1%	708	1.0%	73%	71%	Total	100.0%		
USA, Cambodia and Others	27,952	41.2%	17,772	26.2%	22,181	32.6%	67,905	100.0%	69%	67%				
Other residential mortgages ⁽⁸⁾	1,828		3,292				3,292							
	29,780	39.0%	24,351	31.9%	22,181	29.2%	76,312	100.0%						

Q4 2018														
	Residential Mortgages Portfolio								Average LTV for mortgages originated and acquired during the quarter ⁽¹⁾		Residential Mortgage ⁽²⁾ exposure groups by LTV buckets ⁽³⁾⁽⁴⁾		Residential Mortgage Portfolio (remaining amortization) ⁽⁵⁾⁽⁶⁾	
	Insured		Uninsured		HELOC		Total		Uninsured ⁽⁷⁾	HELOC ⁽⁸⁾	Canada		Canada	
Quebec	12,795	18.9%	9,893	14.6%	14,003	20.8%	36,691	54.3%	71%	70%	30 % or less	5.3%	0 - 20 years	23.1%
Ontario	7,546	11.2%	5,071	7.5%	5,179	7.6%	17,796	26.3%	68%	62%	31 % - 60 %	31.5%	20 - 25 years	52.4%
Alberta	3,508	5.2%	782	1.2%	937	1.3%	5,227	7.7%	69%	70%	61 % - 70 %	19.8%	25 - 30 years	23.8%
British Columbia	2,174	3.2%	1,010	1.5%	1,309	2.0%	4,493	6.7%	63%	55%	71 % - 80 %	26.1%	30 - 35 years	0.7%
New Brunswick	600	0.9%	282	0.4%	246	0.4%	1,128	1.7%	73%	72%	81 % - 90 %	9.4%	35 years and +	0.0%
Saskatchewan	694	1.0%	121	0.2%	182	0.3%	997	1.5%	71%	71%	91 % - 95 %	4.0%	Total	100.0%
Manitoba	318	0.5%	79	0.1%	142	0.2%	539	0.8%	71%	67%	96 % or more	3.9%		
Other Canadian provinces ⁽⁷⁾	463	0.7%	109	0.2%	124	0.1%	696	1.0%	72%	68%	Total	100.0%		
USA, Cambodia and Others	28,098	41.6%	17,347	25.7%	22,122	32.7%	67,567	100.0%	69%	66%				
Other residential mortgages ⁽⁸⁾	1,813		3,024				3,024							
	29,911	39.5%	23,740	31.3%	22,122	29.2%	75,773	100.0%						

(1) Excluding non-Canadian mortgages.

(2) Includes HELOC.

(3) Property values are updated using Teranet National Bank sub-indices by area and property type.

(4) Excludes amortization for the HELOC's amortized portion. The remaining amortization period is being disclosed.

(5) LTV is calculated using the outstanding amount and weighted by the outstanding of each loan.

(6) LTV is calculated using the authorized amount and weighted by the authorized amount of each line. Includes both revolving and amortized portions.

(7) Others include: Prince Edward Island, Nova Scotia, Newfoundland and Labrador, Northwest Territories, Yukon.

(8) Includes residential mortgages of 5 units and more and non-retail residential mortgages of 1 to 4 units. Purchased or originated credit impaired loans volume has been added to this category in Q1-18 and historical information has been restated.

Residential Mortgages Portfolio Information (continued)

(unaudited) (millions of Canadian dollars)

Q3 2018														
	Residential Mortgages Portfolio								Average LTV for mortgages originated and acquired during the quarter ⁽¹⁾		Residential Mortgage ⁽²⁾ exposure groups by LTV buckets ⁽³⁾⁽⁴⁾		Residential Mortgage Portfolio (remaining amortization) ⁽⁵⁾⁽⁶⁾	
	Insured		Uninsured		HELOC		Total		Uninsured ⁽⁷⁾	HELOC ⁽⁸⁾	Canada		Canada	
Quebec	12,951	19.4%	9,639	14.4%	13,757	20.6%	36,347	54.4%	71%	70%	30 % or less	5.4%	0 - 20 years	22.4%
Ontario	7,584	11.4%	4,822	7.2%	5,056	7.6%	17,462	26.2%	68%	62%	31 % - 60 %	31.6%	20 - 25 years	51.8%
Alberta	3,449	5.2%	760	1.1%	943	1.4%	5,152	7.7%	71%	71%	61 % - 70 %	19.8%	25 - 30 years	24.9%
British Columbia	2,199	3.3%	973	1.5%	1,275	1.9%	4,447	6.7%	63%	57%	71 % - 80 %	26.7%	30 - 35 years	0.9%
New Brunswick	606	0.9%	272	0.4%	240	0.4%	1,118	1.7%	75%	69%	81 % - 90 %	8.9%	35 years and +	0.0%
Saskatchewan	673	1.0%	115	0.2%	181	0.3%	969	1.5%	76%	73%	91 % - 95 %	4.0%	Total	100.0%
Manitoba	303	0.5%	73	0.1%	142	0.2%	518	0.8%	74%	68%	96 % or more	3.6%		
Others Canadian provinces ⁽⁷⁾	442	0.6%	106	0.2%	121	0.2%	669	1.0%	71%	69%	Total	100.0%		
USA, Cambodia and Others	28,207	42.3%	16,760	25.1%	21,715	32.6%	66,682	100.0%	70%	66%				
Other residential mortgages ⁽⁸⁾	1,790		2,525		3,449		5,239							
	29,997	40.3%	22,734	30.5%	21,715	29.2%	74,446	100.0%						

Q2 2018														
	Residential Mortgages Portfolio								Average LTV for mortgages originated and acquired during the quarter ⁽¹⁾		Residential Mortgage ⁽²⁾ exposure groups by LTV buckets ⁽³⁾⁽⁴⁾		Residential Mortgage Portfolio (remaining amortization) ⁽⁵⁾⁽⁶⁾	
	Insured		Uninsured		HELOC		Total		Uninsured ⁽⁷⁾	HELOC ⁽⁸⁾	Canada		Canada	
Quebec	13,032	19.9%	9,267	14.2%	13,567	20.7%	35,866	54.8%	72%	70%	30 % or less	5.5%	0 - 20 years	21.7%
Ontario	7,620	11.7%	4,535	6.9%	4,788	7.3%	16,943	25.9%	69%	62%	31 % - 60 %	31.0%	20 - 25 years	51.7%
Alberta	3,385	5.2%	739	1.1%	936	1.4%	5,060	7.7%	73%	68%	61 % - 70 %	19.3%	25 - 30 years	25.5%
British Columbia	2,250	3.5%	936	1.4%	1,210	1.8%	4,396	6.7%	66%	56%	71 % - 80 %	26.4%	30 - 35 years	1.1%
New Brunswick	604	0.9%	266	0.4%	236	0.4%	1,106	1.7%	71%	68%	81 % - 90 %	10.0%	35 years and +	0.0%
Saskatchewan	656	1.0%	107	0.2%	175	0.3%	938	1.5%	76%	75%	91 % - 95 %	3.9%	Total	100.0%
Manitoba	286	0.4%	66	0.1%	137	0.2%	489	0.7%	75%	70%	96 % or more	3.9%		
Others Canadian provinces ⁽⁷⁾	424	0.6%	100	0.2%	119	0.2%	643	1.0%	72%	68%	Total	100.0%		
USA, Cambodia and Others	28,257	43.2%	16,016	24.5%	21,168	32.3%	65,441	100.0%	70%	65%				
Other residential mortgages ⁽⁸⁾	1,768		2,349		3,484		5,252							
	30,025	41.1%	21,849	29.9%	21,168	29.0%	73,042	100.0%						

Q1 2018														
	Residential Mortgages Portfolio								Average LTV for mortgages originated and acquired during the quarter ⁽¹⁾		Residential Mortgage ⁽²⁾ exposure groups by LTV buckets ⁽³⁾⁽⁴⁾		Residential Mortgage Portfolio (remaining amortization) ⁽⁵⁾⁽⁶⁾	
	Insured		Uninsured		HELOC		Total		Uninsured ⁽⁷⁾	HELOC ⁽⁸⁾	Canada		Canada	
Quebec	13,228	20.3%	9,077	14.0%	13,417	20.6%	35,722	54.9%	72%	70%	30 % or less	5.5%	0 - 20 years	21.7%
Ontario	7,762	11.9%	4,357	6.7%	4,617	7.1%	16,736	25.7%	69%	62%	31 % - 60 %	31.0%	20 - 25 years	51.7%
Alberta	3,386	5.2%	727	1.1%	944	1.5%	5,057	7.8%	73%	68%	61 % - 70 %	19.3%	25 - 30 years	25.5%
British Columbia	2,310	3.7%	900	1.3%	1,179	1.7%	4,389	6.7%	66%	56%	71 % - 80 %	26.4%	30 - 35 years	1.1%
New Brunswick	610	0.9%	261	0.4%	235	0.4%	1,106	1.7%	71%	68%	81 % - 90 %	10.0%	35 years and +	0.0%
Saskatchewan	654	1.0%	107	0.2%	176	0.3%	937	1.5%	76%	75%	91 % - 95 %	3.9%	Total	100.0%
Manitoba	288	0.4%	64	0.1%	135	0.2%	487	0.7%	75%	70%	96 % or more	3.9%		
Others Canadian provinces ⁽⁷⁾	416	0.6%	98	0.2%	119	0.2%	633	1.0%	72%	68%	Total	100.0%		
USA, Cambodia and Others	28,654	44.0%	15,591	24.0%	20,822	32.0%	65,067	100.0%	70%	65%				
Other residential mortgages ⁽⁸⁾	1,732		2,086		3,486		5,218							
	30,386	42.0%	21,163	29.2%	20,822	28.8%	72,371	100.0%						

Q4 2017														
	Residential Mortgages Portfolio								Average LTV for mortgages originated and acquired during the quarter ⁽¹⁾		Residential Mortgage ⁽²⁾ exposure groups by LTV buckets ⁽³⁾⁽⁴⁾		Residential Mortgage Portfolio (remaining amortization) ⁽⁵⁾⁽⁶⁾	
	Insured		Uninsured		HELOC		Total		Uninsured ⁽⁷⁾	HELOC ⁽⁸⁾	Canada		Canada	
Quebec	13,359	20.6%	9,000	13.9%	13,378	20.6%	35,737	55.1%	71%	70%	30 % or less	5.8%	0 - 20 years	20.9%
Ontario	7,898	12.2%	4,151	6.4%	4,490	6.9%	16,539	25.5%	68%	62%	31 % - 60 %	31.5%	20 - 25 years	51.8%
Alberta	3,368	5.2%	737	1.2%	934	1.4%	5,039	7.8%	71%	71%	61 % - 70 %	18.3%	25 - 30 years	26.0%
British Columbia	2,348	3.6%	859	1.3%	1,146	1.8%	4,353	6.7%	63%	58%	71 % - 80 %	26.3%	30 - 35 years	1.3%
New Brunswick	612	0.9%	257	0.4%	236	0.4%	1,105	1.7%	72%	71%	81 % - 90 %	10.1%	35 years and +	0.0%
Saskatchewan	644	1.0%	108	0.2%	179	0.3%	931	1.5%	76%	68%	91 % - 95 %	4.1%	Total	100.0%
Manitoba	286	0.4%	61	0.1%	137	0.2%	484	0.7%	74%	67%	96 % or more	3.9%		
Others ⁽⁷⁾	409	0.7%	94	0.1%	117	0.2%	620	1.0%	77%	69%	Total	100.0%		
USA, Cambodia and Others	28,924	44.6%	15,267	23.6%	20,617	31.8%	64,808	100.0%	69%	65%				
Other residential mortgages ⁽⁸⁾	1,839		1,590		4,014		5,853							
	30,763	42.6%	20,871	28.9%	20,617	28.5%	72,251	100.0%						

(1) Excluding non-Canadian mortgages.

(2) Includes HELOC.

(3) Property values are updated using Teranet-National Bank sub-indices by area and property type.

(4) Excludes amortization for the HELOC's amortized portion. The remaining amortization period is being disclosed.

(5) LTV is calculated using the outstanding amount and weighted by the outstanding of each loan.

(6) LTV is calculated using the authorized amount and weighted by the authorized amount of each line. Includes both revolving and amortized portions.

(7) Others include: Prince Edward Island, Nova Scotia, Newfoundland and Labrador, Northwest Territories, Yukon.

(8) Includes residential mortgages of 5 units and more and non-retail residential mortgages of 1 to 4 units. Purchased or originated credit impaired loans volume has been added to this category in Q1-18 and historical information has been restated.

Impaired Loans by Business Segment⁽¹⁾

(unaudited) (millions of Canadian dollars)

	IFRS 9								IAS 39			
	2019			2018					2017			
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	
Gross Impaired Loans⁽²⁾												
Personal and Commercial												
Personal Banking	250	264	274	266	257	256	259	129	133	139	142	
Commercial Banking	338	312	277	322	336	298	276	242	305	271	290	
Wealth Management	4	5	5	5	3	3	5	1	1	1	1	
Financial Markets	46	10	10	1	1	1	1	1	6	6	6	
U.S. Specialty Finance and International												
Credigy	14	16	18	18	17	16	29	–	–	–	–	
ABA Bank	22	20	19	18	16	12	12	7	15	5	3	
Other	–	–	–	–	–	–	–	–	–	–	–	
	674	627	603	630	630	586	582	380	460	422	442	
As a % of total loans and acceptances	0.44%	0.42%	0.41%	0.43%	0.44%	0.42%	0.42%	0.28%	0.34%	0.32%	0.34%	

	IFRS 9								IAS 39			
	2019			2018					2017			
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	
Net Impaired Loans⁽²⁾⁽³⁾												
Personal and Commercial												
Personal Banking	183	193	205	199	191	193	199	81	84	91	92	
Commercial Banking	187	164	142	187	207	176	156	121	144	119	131	
Wealth Management	2	3	3	3	1	1	3	1	1	1	1	
Financial Markets	33	3	7	–	–	–	–	–	–	–	–	
U.S. Specialty Finance and International												
Credigy	6	7	7	6	6	6	6	–	–	–	–	
ABA Bank	9	9	9	9	8	6	7	3	11	2	2	
Other	–	–	–	–	–	–	–	–	–	–	–	
	420	379	373	404	413	382	371	206	240	213	226	
As a % of total loans and acceptances	0.28%	0.25%	0.25%	0.28%	0.29%	0.27%	0.27%	0.15%	0.18%	0.16%	0.17%	
Allowances for credit losses – Stages 1 and 2 ⁽⁴⁾	(568)	(559)	(560)	(553)	(546)	(549)	(532)					
Allowances for credit losses on impaired loans - Off-balance-sheet and Undrawn commitments – Stage 3	(2)	–	–	(1)	(1)	(1)	(1)					
Allowances for credit losses on POCI loans	59	60	62	66	44	34	28					
Sectoral allowance on performing loans – Oil & Gas ⁽⁵⁾								(139)	(141)	(147)	(204)	
Collective allowance on performing loans ⁽⁶⁾								(406)	(406)	(406)	(366)	

(1) Given the adoption of IFRS 9, all loans classified in Stage 3 in the expected credit loss model are impaired loans and impaired loans presented in these tables do not take into account POCI loans. Under IAS 39, loans were considered impaired according to different criteria.

(2) Including acceptances and excluding POCI loans.

(3) Net impaired loans are presented net of allowances for credit losses on Stage 3 loans amount drawn.

(4) Includes performing loans, other financial assets at amortized cost and off-balance-sheet commitments.

(5) During the second quarter of 2017, the Bank reversed the sectoral provision on non-impaired loans for the oil and gas producer and service company loan portfolio by \$40 million.

(6) During the second quarter of 2017, the Bank increased the collective allowance on non-impaired loans for credit risk by \$40 million related to growth in the Bank's overall credit portfolio.

Formation of Gross Impaired Loans⁽¹⁾

(unaudited) (millions of Canadian dollars)

Formation of Gross Impaired Loans ⁽²⁾ (by sector)	IFRS 9							IAS 39				IFRS 9		IFRS 9	IAS 39
	2019			2018				2017				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Balance at beginning	627	603	630	630	586	582	599	460	422	442	492	630	599	599	492
Write-offs															
Personal and Commercial															
Personal Banking	(22)	(21)	(22)	(23)	(19)	(18)	(19)	(23)	(20)	(22)	(21)	(65)	(56)	(79)	(86)
Credit card	(26)	(25)	(25)	(24)	(24)	(25)	(25)					(76)	(74)	(98)	
Commercial Banking	(5)	(5)	(2)	(10)	(10)	(8)	(37)	(58)	(2)	(33)	(10)	(12)	(55)	(65)	(103)
Wealth Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Markets	-	-	-	-	-	-	-	(5)	-	-	-	-	-	-	(5)
U.S. Specialty Finance and International															
Credigy	(25)	(29)	(36)	(32)	(35)	(33)	(25)	-	-	-	-	(90)	(93)	(125)	-
ABA Bank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(78)	(80)	(85)	(89)	(88)	(84)	(106)	(86)	(22)	(55)	(31)	(243)	(278)	(367)	(194)
Formation															
Personal and Commercial															
Personal Banking	8	11	30	32	20	15	24	19	14	19	23	49	59	91	75
Credit card	26	25	25	24	24	25	25					76	74	98	
Commercial Banking	31	40	(43)	(4)	48	30	8	(5)	36	14	(43)	28	86	82	2
Wealth Management	(1)	-	-	2	-	(2)	1	-	-	-	-	(1)	(1)	1	-
Financial Markets	36	-	9	-	-	-	-	-	-	-	-	45	-	-	-
U.S. Specialty Finance and International															
Credigy	23	27	36	33	36	20	27	-	-	-	-	86	83	116	-
ABA Bank	2	1	1	2	4	-	4	(8)	10	2	1	4	8	10	5
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	125	104	58	89	132	88	89	6	60	35	(19)	287	309	398	82
Balance at end	674	627	603	630	630	586	582	380	460	422	442	674	630	630	380

Formation of Gross Impaired Loans ⁽²⁾ (by activity)	IFRS 9							IAS 39				IFRS 9		IFRS 9	IAS 39
	2019			2018				2017				YTD		Full Year	
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Balance at beginning	627	603	630	630	586	582	599	460	422	442	492	630	599	599	492
Classified as credit-impaired during the period	256	205	234	251	246	231	227	132	159	192	79	695	704	955	562
Transferred to performing loans during the period	(53)	(40)	(53)	(54)	(45)	(27)	(25)	(4)	(4)	(5)	(5)	(146)	(97)	(151)	(18)
Net repayments	(78)	(61)	(123)	(108)	(70)	(103)	(105)	(86)	(60)	(121)	(60)	(262)	(278)	(386)	(327)
Disposals of loans	-	-	-	-	-	(15)	-	-	-	-	-	-	(15)	(15)	-
Write-offs	(78)	(80)	(85)	(89)	(88)	(84)	(106)	(126)	(57)	(87)	(61)	(243)	(278)	(367)	(331)
Exchange and other movements	-	-	-	-	1	2	(8)	4	-	1	(3)	-	(5)	(5)	2
Balance at end	674	627	603	630	630	586	582	380	460	422	442	674	630	630	380

(1) Given the adoption of IFRS 9, all loans classified in Stage 3 in the expected credit loss model are impaired loans and impaired loans presented in these tables do not take into account POCI loans. Under IAS 39, loans were considered impaired according to different criteria.

(2) Including acceptances and excluding POCI loans.

Reconciliation of Allowances for Credit Losses

(unaudited) (millions of Canadian dollars)

	IFRS 9											
	2019					2018				Full Year		
	Q3				Q2	Q1	Q4	Q3	Q2	Q1	2018	
	Allowances for credit losses on non-impaired loans		Allowances for credit losses on impaired loans			Total	Total	Total	Total	Total	Total	Total
Stage 1	Stage 2	Stage 3	POCI	Total	Total	Total	Total	Total	Total	Total	Total	
Balance at beginning	217	342	248	(60)	747	728	714	720	720	716	735	735
Originations or purchases	27	-	-	-	27	24	26	28	23	23	28	102
Transfers ⁽¹⁾ :												
To Stage 1	60	(54)	(6)	-	-	-	-	-	-	-	-	-
To Stage 2	(9)	11	(2)	-	-	-	-	-	-	-	-	-
To Stage 3	(3)	(33)	36	-	-	-	-	-	-	-	-	-
Net remeasurement of loss allowances ⁽²⁾	(65)	82	51	-	68	71	78	74	87	93	81	335
Derecognitions ⁽³⁾	(6)	(4)	(4)	-	(14)	(11)	(16)	(25)	(29)	(25)	(22)	(101)
Changes to models	12	(7)	-	-	5	-	-	(4)	(5)	-	-	(9)
Provisions for credit losses	16	(5)	75	-	86	84	88	73	76	91	87	327
Write-offs	-	-	(78)	-	(78)	(80)	(85)	(89)	(88)	(84)	(106)	(367)
Disposals	-	-	-	-	-	-	-	(6)	-	(18)	-	(24)
Recoveries	-	-	13	-	13	14	12	15	11	10	9	45
Foreign exchange movements and other	(1)	(1)	(2)	1	(3)	1	(1)	1	1	5	(9)	(2)
Balance at end	232	336	256	(59)	765	747	728	714	720	720	716	714
Total allowances for credit losses												
Loans and acceptances at amortized cost												
Amounts drawn	179	313	254	(59)	687	683	664	658	658	666	663	658
Undrawn commitments ⁽⁴⁾	46	21	1	-	68	57	56	49	54	47	47	49
Other ⁽⁵⁾	7	2	1	-	10	7	8	7	8	7	6	7
	232	336	256	(59)	765	747	728	714	720	720	716	714

	IAS 39				
	2017				Full Year
	Q4	Q3	Q2	Q1	2017
Allowances for Credit Losses					
Allowances at beginning	735	735	769	769	769
Write-offs	(126)	(57)	(87)	(61)	(331)
Recoveries of amounts written off in previous years	6	5	7	6	24
Charge to income statement (provisions for credit losses) ⁽⁶⁾	70	58	56	60	244
Disposals of loans	-	-	-	-	-
Foreign exchange movements and other ⁽⁷⁾	10	(6)	(10)	(5)	(11)
Allowances at end	695	735	735	769	695

(1) Represent the stage transfers deemed to have taken place at the beginning of the quarter in which the transfer occurred.

(2) Includes the net remeasurement of loss allowances (after transfers) attributable mainly to changes in volumes and in the credit quality of existing loans as well as to changes in risk parameters.

(3) Represent reversals to loss allowances from full loan repayments (excluding write-offs and disposals).

(4) The allowances for credit losses on undrawn commitments are reported in the *Other liabilities* item of the Consolidated Balance Sheet.

(5) Includes other financial assets at amortized cost and off-balance-sheet items other than undrawn commitments.

(6) During the second quarter of 2017, the Bank reversed the sectoral provision on performing loans for oil and gas producer and service company loan portfolio by \$40 million. Moreover, during the second quarter of 2017, the Bank increased the collective allowance on performing loans for credit risk by \$40 million related to growth in the Bank's overall credit portfolio.

(7) Includes allowances for POCI loans which was recognized in *Non-interest income* in the *Income statement*.

Provisions for Credit Losses

(unaudited) (millions of Canadian dollars)

		IFRS 9							IAS 39				IFRS 9		IFRS 9	IAS 39
		2019			2018				2017				YTD		Full Year	
		Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2018	2017
Personal and Commercial																
Personal Banking:	Stage 3	15	20	21	22	18	19	15	18	19	17	17	56	52	74	71
	Stages 1 and 2	3	(2)	(2)	1	(2)	1	7					(1)	6	7	
		18	18	19	23	16	20	22	18	19	17	17	55	58	81	71
Credit card:	Stage 3	23	22	22	20	21	22	21	19	21	21	21	67	64	84	82
	Stages 1 and 2	(1)	3	–	–	(2)	2	2					2	2	2	
		22	25	22	20	19	24	23	19	21	21	21	69	66	86	82
Commercial Banking ⁽¹⁾ :	Stage 3	9	14	1	9	17	6	8	14	6	8	15	24	31	40	43
	Stages 1 and 2	8	6	16	–	9	7	5			(40)		30	21	21	(40)
		17	20	17	9	26	13	13	14	6	(32)	15	54	52	61	3
Wealth Management																
	Stage 3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Stages 1 and 2	–	–	–	–	–	1	–	–	–	–	–	–	1	1	–
		–	–	–	–	–	1	–	–	–	–	–	–	1	1	–
Financial Markets																
	Stage 3	6	5	2	–	–	–	–	–	–	–	–	13	–	–	–
	Stages 1 and 2	4	2	1	–	2	2	–	–	–	–	–	7	4	4	–
		10	7	3	–	2	2	–	–	–	–	–	20	4	4	–
U.S. Specialty Finance and International																
Credigy:	Stage 3	20	22	30	30	33	30	27	18	11	9	6	72	90	120	44
	Stages 1 and 2	(5)	(13)	(11)	3	(15)	(2)	4					(29)	(13)	(10)	
	POCI	–	3	4	(15)	(9)	–	(5)					7	(14)	(29)	
		15	12	23	18	9	28	26	18	11	9	6	50	63	81	44
ABA Bank:	Stage 3	2	1	1	2	1	1	2	1	1	1	1	4	4	6	4
	Stages 1 and 2	2	1	3	2	2	2	1					6	5	7	
		4	2	4	4	3	3	3	1	1	1	1	10	9	13	4
Other⁽²⁾																
	Stage 3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Stages 1 and 2	–	–	–	(1)	1	–	–	–	–	40	–	–	1	–	40
		–	–	–	(1)	1	–	–	–	–	40	–	–	1	–	40
		86	84	88	73	76	91	87	70	58	56	60	258	254	327	244

(1) During the second quarter of 2017, the Bank reversed the sectoral provision on performing loans for the oil and gas producer and service company loan portfolio by \$40 million.

(2) During the second quarter of 2017, the Bank increased the collective allowance on performing loans for credit risk by \$40 million related to growth in the Bank's overall credit portfolio.

Derivatives Financial Instruments According to Basel Definition

(unaudited) (millions of Canadian dollars)

	2019			2018			
	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Under Basel III							
Foreign Exchange Related Contracts							
Swaps	275,023	222,550	205,928	201,116	209,335	203,973	182,228
Options	10,867	9,518	9,635	9,516	7,664	9,324	7,258
- purchased	11,802	11,978	11,246	11,121	8,016	8,055	6,532
- sold	32,157	33,337	31,358	34,488	29,495	30,853	29,000
Exchange traded and OTC futures contracts	32,157	33,337	31,358	34,488	29,495	30,853	29,000
Total notional amount	329,849	277,383	258,167	256,241	254,510	252,205	225,018
Replacement cost - net ⁽¹⁾	788	893	834	1,994	1,804	2,181	2,302
Future credit risk	2,525	2,240	2,063	1,949	1,863	1,995	1,895
Credit equivalent ⁽²⁾	4,637	4,386	4,056	3,943	3,667	4,176	4,197
Risk-weighted equivalent ⁽³⁾	1,672	1,773	1,636	1,215	1,169	1,456	1,388
Interest Rate Related Contracts							
Swaps	617,315	513,080	493,096	558,757	519,116	487,593	460,603
Options	34,450	41,413	24,612	38,243	39,281	30,577	28,113
- purchased	6,743	17,653	2,116	8,835	22,510	14,488	10,350
- sold	7,433	5,783	3,692	5,254	5,201	4,958	5,269
Exchange traded and OTC futures contracts	7,433	5,783	3,692	5,254	5,201	4,958	5,269
Total notional amount	665,941	577,929	523,516	611,089	586,108	537,616	504,335
Replacement cost - net ⁽¹⁾	877	690	531	1,324	2,128	1,987	1,548
Future credit risk	1,380	1,313	1,400	1,672	1,841	1,859	3,318
Credit equivalent ⁽²⁾	3,160	2,804	2,703	2,996	3,969	3,846	4,866
Risk-weighted equivalent ⁽³⁾	1,121	993	834	406	359	405	566
Financial Futures							
Total notional amount	100,491	53,314	103,217	75,518	80,369	86,407	90,467
Equity and Commodity Contracts							
Total notional amount	92,074	92,033	68,188	79,003	63,930	64,736	69,357
Replacement cost - net ⁽¹⁾	577	610	446	3,110	1,854	1,906	1,937
Future credit risk	3,688	3,624	2,575	3,701	2,745	2,817	2,889
Credit equivalent ⁽²⁾	5,971	5,928	4,229	6,811	4,599	4,723	4,826
Risk-weighted equivalent ⁽³⁾	1,082	1,129	775	549	472	467	442
Credit Derivatives							
Total notional amount (trading only)	4,736	3,941	2,195	1,872	2,315	2,389	1,737
Total Return Swap Notional Amount ⁽⁴⁾	150	162	161	162	171	173	191
Replacement cost - net ⁽¹⁾	-	-	-	11	6	7	9
Future credit risk	6	7	8	13	13	13	15
Credit equivalent ⁽²⁾	8	10	11	24	19	20	24
Risk-weighted equivalent ⁽³⁾	1	1	1	23	46	44	2
Total Derivatives							
Total notional amount	1,193,241	1,004,762	955,444	1,023,885	987,403	943,526	891,105
Replacement cost - net ⁽¹⁾	2,242	2,193	1,811	6,439	5,792	6,081	5,796
Future credit risk	7,599	7,184	6,046	7,335	6,462	6,684	8,117
Credit equivalent ⁽²⁾	13,776	13,128	10,999	13,774	12,254	12,765	13,913
Risk-weighted equivalent ⁽³⁾	3,876	3,896	3,246	2,193	2,046	2,372	2,398

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

(2) Credit equivalent amounts reported are net of impact of collaterals and master netting agreements and are presented after the alpha of 1.4.

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

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

Over the Counter Derivatives Financial Instruments Settled by Central Counterparties⁽¹⁾

(unaudited) (millions of Canadian dollars)

	2019								
	Q3			Q2			Q1		
	Exchange-traded contracts	OTC-Traded		Exchange-traded contracts	OTC-Traded		Exchange-traded contracts	OTC-Traded	
Settled by central counterparties		Not settled by central counterparties	Settled by central counterparties		Not settled by central counterparties	Settled by central counterparties		Not settled by central counterparties	
Interest rate contracts	127,796	466,555	172,081	64,971	361,291	204,980	112,969	345,851	167,912
Foreign exchange contracts	323	–	329,526	124	–	277,260	36	–	258,131
Equity, commodity and credit derivative contracts	22,960	5,074	68,926	24,448	4,425	67,263	18,442	2,734	49,369

	2018								
	Q4			Q3			Q2		
	Exchange-traded contracts	OTC-Traded		Exchange-traded contracts	OTC-Traded		Exchange-traded contracts	OTC-Traded	
Settled by central counterparties		Not settled by central counterparties	Settled by central counterparties		Not settled by central counterparties	Settled by central counterparties		Not settled by central counterparties	
Interest rate contracts	104,705	375,829	185,943	117,926	349,366	156,731	122,334	316,141	156,327
Foreign exchange contracts	540	–	253,970	153	–	252,052	351	–	224,667
Equity, commodity and credit derivative contracts	19,345	2,734	44,337	21,586	2,418	43,294	22,715	2,148	46,422

(1) Notional amounts.

Composition of Regulatory Capital

(unaudited) (millions of Canadian dollars)

	2019			2018			
	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Common Equity Tier 1 capital: instruments and reserves							
1	2,967	2,953	2,933	2,879	2,878	2,920	2,913
2	9,044	8,889	8,695	8,472	8,404	8,018	7,785
3	59	50	65	175	159	139	110
4	–	–	–	–	–	–	–
5	22	18	15	13	10	10	8
6	12,092	11,910	11,708	11,539	11,451	11,087	10,816
Regulatory adjustments to Common Equity Tier 1 capital							
7	–	–	–	–	–	–	–
8	(1,510)	(1,675)	(1,671)	(1,671)	(1,668)	(1,671)	(1,662)
9	(1,111)	(1,177)	(1,139)	(1,121)	(1,099)	(1,100)	(1,073)
10	–	–	–	–	–	–	–
11	(32)	6	(48)	(151)	(138)	(137)	(152)
12	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–
14	41	35	(23)	32	39	62	81
15	(5)	(7)	(5)	(11)	(93)	(4)	(3)
16	–	–	–	(9)	(3)	(1)	(5)
17	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–
28	(2,617)	(2,818)	(2,886)	(2,931)	(2,962)	(2,851)	(2,814)
29	9,475	9,092	8,822	8,608	8,489	8,236	8,002
Additional Tier 1 capital: instruments							
30	2,450	2,450	2,450	2,450	2,450	2,150	2,150
31	2,450	2,450	2,450	2,450	2,450	2,150	2,150
32	–	–	–	–	–	–	–
33	350	350	350	350	350	750	750
34	5	4	3	3	2	2	2
35	–	–	–	–	–	–	–
36	2,805	2,804	2,803	2,803	2,802	2,902	2,902

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

Composition of Regulatory Capital (continued)

(unaudited) (millions of Canadian dollars)

		2019			2018			
		Q3	Q2	Q1	Q4	Q3	Q2	Q1
Additional Tier 1 capital: regulatory adjustments								
37	Investments in own Additional Tier 1 instruments	-	-	-	-	-	-	-
38	Reciprocal cross holdings in Additional Tier 1 instruments	-	-	-	-	-	-	-
39	Non-significant investments in the capital of banking, financial and insurance entities, net of eligible short positions (amount above 10% threshold)	-	-	-	-	-	-	-
40	Significant investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions	-	-	-	-	-	-	-
41	Other deductions from Tier 1 capital as determined by OSFI	-	-	(1)	(1)	(1)	(1)	(1)
41a	of which: Reverse mortgages	-	-	(1)	(1)	(1)	(1)	(1)
42	Regulatory adjustments applied to Additional Tier 1 due to insufficient Tier 2 to cover deductions	-	-	-	-	-	-	-
43	Total regulatory adjustments to Additional Tier 1 capital	-	-	(1)	(1)	(1)	(1)	(1)
44	Additional Tier 1 capital (AT1)	2,805	2,804	2,802	2,802	2,801	2,901	2,901
45	Tier 1 capital (T1 = CET1 + AT1)	12,280	11,896	11,624	11,410	11,290	11,137	10,903
Tier 2 capital: instruments and allowances								
46	Directly issued qualifying Tier 2 instruments plus related contributed surplus ⁽¹⁾	750	750	750	750	750	750	-
47	Directly issued capital instruments subject to phase out from Tier 2 ⁽¹⁾	9	9	9	9	9	9	8
48	Tier 2 instruments (and CET1 and AT1 instruments not included in rows 5 or 34) issued by subsidiaries and held by third parties (amount allowed in group Tier 2)	6	5	4	4	3	3	2
49	of which: instruments issued by subsidiaries subject to phase out	-	-	-	-	-	-	-
50	Allowances for credit losses	183	185	188	179	155	164	154
51	Tier 2 capital before regulatory adjustments	948	949	951	942	917	926	164
Tier 2 capital: regulatory adjustments								
52	Investments in own Tier 2 instruments	-	-	-	-	-	-	-
53	Reciprocal cross holdings in Tier 2 instruments and Other TLAC-eligible instruments	-	-	-	-	-	-	-
54	Non-significant investments in the capital of banking, financial and insurance entities and Other TLAC-eligible instruments issued by G-SIBs and Canadian D-SIBs that are outside the scope of regulatory consolidation, where the institution does not own more than 10% of the issued common share capital of the entity (amount above 10% threshold)	(35)	(55)	(28)	-	-	-	-
54a	[Reporting row for G-SIBs and D-SIBs only] Non-significant investments in the other TLAC-eligible instruments issued by G-SIBs and Canadian D-SIBs, where the institution does not own more than 10% of the issued common share capital of the entity: amount previously designated for the 5% threshold but no longer meets the conditions	(35)	(55)	(28)	-	-	-	-
55	Significant investments in the capital of banking, financial and insurance entities and Other TLAC-eligible instruments issued by G-SIBs and Canadian D-SIBs that are outside the scope of regulatory consolidation	-	-	-	-	-	-	-
56	Other deductions from Tier 2 capital	-	-	-	-	-	-	-
57	Total regulatory adjustments to Tier 2 capital	(35)	(55)	(28)	-	-	-	-
58	Tier 2 capital (T2)	913	894	923	942	917	926	164
59	Total capital (TC = T1 + T2)	13,193	12,790	12,547	12,352	12,207	12,063	11,067

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

Composition of Regulatory Capital (continued)

(unaudited) (millions of Canadian dollars)

		2019			2018			
		Q3	Q2	Q1	Q4	Q3	Q2	Q1
60	Total risk-weighted assets	80,984	79,008	77,036	73,685	73,331	72,895	71,362
60a	Common Equity Tier 1 Capital RWA (CET1)	80,984	79,008	77,036	73,654	73,268	72,834	71,179
60b	Tier 1 Capital RWA	80,984	79,008	77,036	73,670	73,300	72,865	71,271
60c	Total capital RWA	80,984	79,008	77,036	73,685	73,331	72,895	71,362
Capital ratios								
61	Common Equity Tier 1 (as a percentage of risk weighted assets)	11.7%	11.5%	11.5%	11.7%	11.6%	11.3%	11.2%
62	Tier 1 (as a percentage of risk weighted assets)	15.2%	15.1%	15.1%	15.5%	15.4%	15.3%	15.3%
63	Total capital (as a percentage of risk weighted assets)	16.3%	16.2%	16.3%	16.8%	16.7%	16.6%	15.5%
64	Institution-specific buffer requirement (minimum CET1 requirement plus capital conservation buffer plus G-SIB buffer requirement plus D-SIB buffer requirement expressed as a percentage of risk weighted assets)	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%
65	of which: capital conservation buffer requirement	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
66	of which: bank-specific countercyclical buffer	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
67	of which: G-SIB buffer requirement	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
67a	of which: D-SIBs buffer requirement	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
68	Common Equity Tier 1 available to meet buffers (as a percentage of risk weighted assets)	11.7%	11.5%	11.5%	11.7%	11.6%	11.3%	11.2%
OSFI target (minimum + capital conservation buffer + D-SIB buffer)⁽¹⁾								
69	Common Equity Tier 1 all-in target ratio	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%
70	Tier 1 capital all-in target ratio	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%
71	Total capital all-in target ratio	11.5%	11.5%	11.5%	11.5%	11.5%	11.5%	11.5%
Amounts below the thresholds for deduction (before risk weighting)								
72	Non-significant investments in the capital and other TLAC-eligible instruments of other financials entities	530	551	549	311	366	481	658
73	Significant investments in the common stock of financials	339	301	287	270	255	241	235
74	Mortgage servicing rights (net of related tax liability)	–	–	–	–	–	–	–
75	Deferred tax assets arising from temporary differences (net of related tax liabilities)	154	37	42	38	43	58	50
Applicable caps on the inclusion of allowances in Tier 2								
76	Allowance eligible for inclusion in Tier 2 in respect of exposures subject to standardised approach (prior to application of cap)	71	71	70	67	66	68	61
77	Cap on inclusion of allowances in Tier 2 under standardised approach	103	102	97	90	89	90	83
78	Allowance eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)	112	114	118	112	89	96	93
79	Cap on inclusion of allowances in Tier 2 under internal ratings-based approach	345	336	326	314	307	308	310
Capital instruments subject to phase-out arrangements (only applicable between January 1, 2013 and January 1, 2022)								
80	Current cap on CET1 instruments subject to phase out arrangements	–	–	–	–	–	–	–
81	Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)	–	–	–	–	–	–	–
82	Current cap on AT1 instruments subject to phase out arrangements	581	581	581	775	775	775	775
83	Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	–	–	–	–	–	–	–
84	Current cap on T2 instruments subject to phase out arrangements	715	715	715	953	953	953	953
85	Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	–	–	–	–	–	–	–

(1) Do not include the domestic stability buffer.

Leverage Ratio

(unaudited) (millions of Canadian dollars)

		2019			2018			
		Q3	Q2	Q1	Q4	Q3	Q2	Q1
Accounting assets vs. leverage ratio exposure								
1	Total consolidated assets as per published financial statements	276,312	269,106	263,355	262,471	257,637	256,259	251,065
2	Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	28	4	(3)	(15)	(33)	(58)	(68)
3	Adjustment for securitized exposures that meet the operational requirements for the recognition of risk transference ⁽¹⁾	(894)	(890)	(904)	–	–	–	–
4	Adjustment for fiduciary assets recognised on the balance sheet pursuant to the operative accounting framework but excluded from the leverage ratio exposure measure	–	–	–	–	–	–	–
5	Adjustment for derivative financial instruments ⁽²⁾	5,237	5,814	3,808	2,684	2,939	3,090	3,635
6	Adjustment for securities financing transactions (i.e. repos and similar secured lending) ⁽²⁾	4,052	3,278	1,920	1,123	3,062	2,516	(488)
7	Adjustment for off-balance sheet items (i.e. conversion to credit equivalent amounts of off-balance sheet exposures)	23,436	22,940	23,050	22,163	21,492	21,795	20,713
8	Other adjustments	(4,210)	(4,134)	(4,571)	(4,089)	(4,401)	(4,776)	(5,298)
9	Leverage Ratio Exposure	303,961	296,118	286,655	284,337	280,696	278,826	269,559
Leverage ratio common disclosure								
On-balance sheet exposures								
1	On-balance sheet items (excluding derivatives, SFTs and grandfathered securitization exposures but including collateral)	251,451	242,471	238,422	234,603	232,327	228,798	223,550
2	Gross-up for derivatives collateral provided where deducted from balance sheet assets pursuant to the operative accounting framework	–	–	–	–	–	–	–
3	(Deductions of receivables assets for cash variation margin provided in derivative transactions)	–	–	–	–	–	–	–
4	(Asset amounts deducted in determining Basel III Tier 1 capital)	(2,659)	(2,852)	(2,865)	(3,003)	(3,003)	(2,914)	(2,897)
5	Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of rows 1 to 4)	248,792	239,619	235,557	231,600	229,324	225,884	220,653
Derivative exposures								
6	Replacement cost associated with all derivative transactions (where applicable net of eligible cash variation margin and/or with bilateral netting)	3,095	3,007	2,483	3,897	4,034	4,270	3,991
7	Add-on amounts for PFE associated with all derivative transactions	10,638	10,058	8,463	7,373	6,502	6,725	8,166
8	(Exempted CCP leg of client-cleared trade exposures)	–	–	–	–	–	–	–
9	Adjusted effective notional amount of written credit derivatives	20	23	20	22	29	–	4
10	(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	–	–	–	–	–	–	–
11	Total derivative exposures (sum of rows 6 to 10)	13,753	13,088	10,966	11,292	10,565	10,995	12,161
Securities financing transaction exposures								
12	Gross SFT assets (with no recognition of netting), after adjusting for sale accounting transactions	13,928	17,193	15,162	18,159	16,253	17,636	16,520
13	(Netted amounts of cash payables and cash receivables of gross SFT assets)	(883)	(662)	(2,063)	(2,974)	(1,127)	(2,196)	(4,637)
14	CCR exposure for SFTs assets	4,935	3,940	3,983	4,097	4,189	4,712	4,149
15	Agent transaction exposures	–	–	–	–	–	–	–
16	Total securities financing transaction exposures (sum of rows 12 to 15)	17,980	20,471	17,082	19,282	19,315	20,152	16,032
Other off-balance sheet exposures								
17	Off-balance sheet exposure at gross notional amount	72,873	71,962	71,491	70,091	68,195	68,811	66,194
18	(Adjustments for conversion to credit equivalent amounts)	(49,437)	(49,022)	(48,441)	(47,928)	(46,703)	(47,016)	(45,481)
19	Off-balance sheet items (sum of rows 17 and 18)	23,436	22,940	23,050	22,163	21,492	21,795	20,713
Capital and Total Exposures								
20	Tier 1 capital	12,280	11,896	11,624	11,410	11,290	11,137	10,903
21	Total Exposures (sum of rows 5, 11, 16 and 19)	303,961	296,118	286,655	284,337	280,696	278,826	269,559
Leverage Ratio								
22	Basel III leverage ratio	4.0%	4.0%	4.1%	4.0%	4.0%	4.0%	4.0%

(1) OSFI's October 2018 Leverage Requirements Guideline now allows for the exclusion of securitized exposures that meet the operational requirements for risk transference. This exclusion is not applicable for prior quarters.

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