



## SUPPLEMENTARY FINANCIAL INFORMATION

FOURTH 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 2019 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](http://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		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
Net income	604	608	558	552	566	569	547	550	525	518	484	497	2,322	2,232	2,024
Earnings per share - basic	1.68	1.68	1.52	1.51	1.53	1.54	1.46	1.48	1.40	1.39	1.30	1.35	6.39	6.01	5.44
- diluted	1.67	1.66	1.51	1.50	1.52	1.52	1.44	1.46	1.39	1.37	1.28	1.34	6.34	5.94	5.38
Return on common shareholders' equity	18.2%	18.7%	17.8%	17.2%	17.8%	18.4%	18.6%	18.7%	17.8%	18.2%	17.9%	18.4%	18.0%	18.4%	18.1%
<b>Excluding specified items</b>															
Net income	612	606	558	552	566	569	547	550	525	518	484	497	2,328	2,232	2,024
Earnings per share - Basic	1.70	1.67	1.52	1.51	1.53	1.54	1.46	1.48	1.40	1.39	1.30	1.35	6.40	6.01	5.44
- Diluted	1.69	1.66	1.51	1.50	1.52	1.52	1.44	1.46	1.39	1.37	1.28	1.34	6.36	5.94	5.38
Return on common shareholders' equity	18.4%	18.6%	17.8%	17.2%	17.8%	18.4%	18.6%	18.7%	17.8%	18.2%	17.9%	18.4%	18.0%	18.4%	18.1%
Efficiency ratio on a taxable equivalent basis	54.0%	53.5%	55.5%	55.1%	55.3%	54.5%	54.6%	54.9%	55.5%	55.8%	57.0%	56.8%	54.5%	54.8%	56.3%
Effective tax rate on a taxable equivalent basis	26.7%	25.9%	24.6%	26.2%	26.0%	25.8%	25.6%	27.1%	26.3%	27.1%	25.9%	26.5%	25.9%	26.1%	26.5%
Total assets	281,458	276,312	269,106	263,355	262,471	257,637	256,259	251,065	245,827	240,072	239,020	234,119	281,458	262,471	245,827
Average loans and acceptances	152,382	149,405	147,139	146,083	143,699	140,644	138,095	135,925	134,601	131,976	128,883	127,997	148,765	139,603	130,882
Average assets	293,626	288,328	283,172	279,426	267,865	265,592	267,941	262,425	251,302	245,096	251,033	246,060	286,162	265,940	248,351
Average common shareholders' equity	12,236	11,958	11,758	11,685	11,518	11,255	10,939	10,746	10,660	10,377	10,155	9,886	11,915	11,115	10,268
Number of common shares outstanding ( <i>thousands</i> )	334,172	334,210	335,116	335,500	335,071	337,441	339,348	340,390	339,592	341,580	341,524	340,810	334,172	335,071	339,592
Weighted average basic number of common shares outstanding ( <i>thousands</i> )	334,393	334,843	335,478	335,716	337,508	339,160	339,885	340,950	341,108	341,555	341,107	339,476	335,104	339,372	340,809
Weighted average diluted number of common shares outstanding ( <i>thousands</i> )	336,900	337,768	338,515	338,585	341,395	343,280	343,900	345,458	345,507	345,353	345,416	343,270	337,630	343,240	344,771
Gross impaired loans <sup>(1)</sup>	684	674	627	603	630	630	586	582	380	460	422	442	684	630	380
Gross impaired loans <sup>(1)</sup> as a % of total loans and acceptances	0.44%	0.44%	0.42%	0.40%	0.43%	0.44%	0.42%	0.42%	0.28%	0.34%	0.32%	0.34%	0.44%	0.43%	0.28%
Provisions for credit losses on impaired loans <sup>(1)</sup> as a % of average loans and acceptances	0.20%	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%	0.19%
Provisions for credit losses as a % of average loans and acceptances	0.23%	0.23%	0.23%	0.24%	0.20%	0.21%	0.27%	0.25%	0.21%	0.17%	0.18%	0.19%	0.23%	0.23%	0.19%
Net charge-off as a % of average loans and acceptances	0.25%	0.17%	0.18%	0.20%	0.20%	0.22%	0.22%	0.28%	0.35%	0.16%	0.25%	0.17%	0.20%	0.23%	0.23%
Dividends declared per common share	0.68	0.68	0.65	0.65	0.62	0.62	0.60	0.60	0.58	0.58	0.56	0.56	2.66	2.44	2.28
Dividend payout ratio (trailing 4 quarters) excluding specified items	41.6%	41.7%	41.6%	41.2%	40.6%	40.8%	41.2%	41.7%	41.9%	46.6%	46.6%	55.3%	41.6%	40.6%	41.9%
Book value per common share	36.89	36.12	35.49	34.85	34.40	33.91	32.64	31.75	31.51	30.84	29.97	29.51	36.89	34.40	31.51
Share price - High	68.02	64.16	63.82	61.80	65.63	64.29	64.08	65.35	62.74	56.44	58.75	56.60	68.02	65.63	62.74
Share price - Low	60.38	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	46.83
Share price - Close	68.02	63.88	63.82	61.80	59.76	63.77	60.98	63.84	62.61	56.15	53.05	56.17	68.02	59.76	62.61
Number of registered shareholders	20,894	20,979	21,072	21,245	21,325	21,391	21,470	21,564	21,542	21,608	21,683	21,776	20,894	21,325	21,542
Capital ratios under Basel III <sup>(2)</sup>															
Common Equity Tier 1 (CET1)	11.7%	11.7%	11.5%	11.5%	11.7%	11.6%	11.3%	11.2%	11.2%	11.2%	10.8%	10.6%	11.7%	11.7%	11.2%
Tier 1 <sup>(3)</sup>	15.0%	15.2%	15.1%	15.1%	15.5%	15.4%	15.3%	15.3%	14.9%	15.2%	14.2%	14.1%	15.0%	15.5%	14.9%
Total <sup>(3)</sup>	16.1%	16.3%	16.2%	16.3%	16.8%	16.7%	16.6%	15.5%	15.1%	15.5%	14.5%	15.9%	16.1%	16.8%	15.1%
Leverage ratio under Basel III <sup>(2)</sup>	4.0%	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%
Liquidity coverage ratio (LCR)	146%	154%	141%	139%	147%	147%	137%	135%	132%	134%	139%	139%	146%	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			
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Moody's	Aa3	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	A
DBRS	AA (Low)											
Fitch	A+											

Valuation												
Market Capitalization (millions of Canadian dollars)	22,730	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)	10.73	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	1.84	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)	4.00%	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	19,208	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	6,279	5,590	5,001	4,713	4,347	3,754	3,254	2,919	2,668	2,452	2,267	2,030
	25,487	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	18,278	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	6,279	5,590	5,001	4,713	4,347	3,754	3,254	2,919	2,668	2,452	2,267	2,030
	24,557	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	422	429	428	428	428	428	428	429	429	443	445	448
Number of banking machines in Canada	939	940	940	938	937	934	933	932	931	932	944	941

	Ticker Symbol <sup>(1)</sup>
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		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
Net interest income	993	913	987	898	861	872	921	872	921	942	861	921	3,791	3,526	3,645
Non-interest income	1,015	1,129	863	964	1,013	982	897	993	837	798	789	784	3,971	3,885	3,208
<b>Total revenues</b>	<b>2,008</b>	<b>2,042</b>	<b>1,850</b>	<b>1,862</b>	<b>1,874</b>	<b>1,854</b>	<b>1,818</b>	<b>1,865</b>	<b>1,758</b>	<b>1,740</b>	<b>1,650</b>	<b>1,705</b>	<b>7,762</b>	<b>7,411</b>	<b>6,853</b>
Non-interest expenses	1,095	1,154	1,026	1,026	1,036	1,011	992	1,024	976	971	941	969	4,301	4,063	3,857
Provisions for credit losses	89	86	84	88	73	76	91	87	70	58	56	60	347	327	244
Income before income taxes	824	802	740	748	765	767	735	754	712	711	653	676	3,114	3,021	2,752
Income taxes	220	194	182	196	199	198	188	204	187	193	169	179	792	789	728
<b>Net income</b>	<b>604</b>	<b>608</b>	<b>558</b>	<b>552</b>	<b>566</b>	<b>569</b>	<b>547</b>	<b>550</b>	<b>525</b>	<b>518</b>	<b>484</b>	<b>497</b>	<b>2,322</b>	<b>2,232</b>	<b>2,024</b>
Non-controlling interests	14	17	19	16	16	23	25	23	19	24	22	19	66	87	84
Net income attributable to the Bank's shareholders	590	591	539	536	550	546	522	527	506	494	462	478	2,256	2,145	1,940
Effective tax rate	26.7%	24.2%	24.6%	26.2%	26.0%	25.8%	25.6%	27.1%	26.3%	27.1%	25.9%	26.5%	25.4%	26.1%	26.5%
Dividends on preferred shares	29	29	29	29	32	25	26	22	27	19	20	19	116	105	85
Dividends on common shares	228	228	218	218	209	211	204	205	198	198	191	191	892	829	778
Number of common shares (Average-Basic) (thousands)	334,393	334,843	335,478	335,716	337,508	339,160	339,885	340,950	341,108	341,555	341,107	339,476	335,104	339,372	340,809

<b>Excluding specified items</b>															
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
Net interest income	993	913	987	898	861	872	921	872	921	942	861	921	3,791	3,526	3,645
Non-interest income	1,015	1,033	863	964	1,013	982	897	993	837	798	789	784	3,875	3,885	3,208
<b>Total revenues</b>	<b>2,008</b>	<b>1,946</b>	<b>1,850</b>	<b>1,862</b>	<b>1,874</b>	<b>1,854</b>	<b>1,818</b>	<b>1,865</b>	<b>1,758</b>	<b>1,740</b>	<b>1,650</b>	<b>1,705</b>	<b>7,666</b>	<b>7,411</b>	<b>6,853</b>
Non-interest expenses	1,084	1,042	1,026	1,026	1,036	1,011	992	1,024	976	971	941	969	4,178	4,063	3,857
Provisions for credit losses	89	86	84	88	73	76	91	87	70	58	56	60	347	327	244
Income before income taxes	835	818	740	748	765	767	735	754	712	711	653	676	3,141	3,021	2,752
Income taxes	223	212	182	196	199	198	188	204	187	193	169	179	813	789	728
<b>Net income</b>	<b>612</b>	<b>606</b>	<b>558</b>	<b>552</b>	<b>566</b>	<b>569</b>	<b>547</b>	<b>550</b>	<b>525</b>	<b>518</b>	<b>484</b>	<b>497</b>	<b>2,328</b>	<b>2,232</b>	<b>2,024</b>
Non-controlling interests	14	17	19	16	16	23	25	23	19	24	22	19	66	87	84
Net income attributable to the Bank's shareholders	598	589	539	536	550	546	522	527	506	494	462	478	2,262	2,145	1,940
Effective tax rate	26.7%	25.9%	24.6%	26.2%	26.0%	25.8%	25.6%	27.1%	26.3%	27.1%	25.9%	26.5%	25.9%	26.1%	26.5%
Dividends on preferred shares	29	29	29	29	32	25	26	22	27	19	20	19	116	105	85
Dividends on common shares	228	228	218	218	209	211	204	205	198	198	191	191	892	829	778
Number of common shares (Average-Basic) (thousands)	334,393	334,843	335,478	335,716	337,508	339,160	339,885	340,950	341,108	341,555	341,107	339,476	335,104	339,372	340,809

<b>Taxable equivalent basis</b>															
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
Net interest income	57	58	45	35	35	35	36	38	40	55	46	68	195	144	209
Non-interest income	36	36	35	28	25	27	28	21	14	10	7	4	135	101	35
Income taxes	93	94	80	63	60	62	64	59	54	65	53	72	330	245	244

<b>Net income by segment</b>															
<b>Excluding specified items</b>															
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
Personal and Commercial	270	277	234	246	257	250	215	230	237	239	230	212	1,027	952	918
Wealth Management	130	126	118	125	118	120	112	114	106	99	93	95	499	464	393
Financial Markets	205	182	160	170	192	178	190	204	183	165	171	179	717	764	698
U.S. Specialty Finance and International (USSF&I)	78	69	72	60	55	54	63	50	55	51	40	38	279	222	184
Other	(71)	(48)	(26)	(49)	(56)	(33)	(33)	(48)	(56)	(36)	(50)	(27)	(194)	(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		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
Total revenues on taxable equivalent basis	2.71	2.68	2.68	2.64	2.78	2.77	2.78	2.82	2.78	2.82	2.70	2.75	2.68	2.79	2.76
Non-interest expenses	1.46	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	1.55
Provisions for credit losses	0.12	0.12	0.12	0.12	0.11	0.11	0.14	0.13	0.11	0.09	0.09	0.10	0.12	0.12	0.10
Income taxes on taxable equivalent basis	0.30	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	0.29
Non-controlling interests	0.02	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
<b>Net income attributable to the Bank's shareholders</b>	<b>0.81</b>	<b>0.82</b>	<b>0.78</b>	<b>0.76</b>	<b>0.83</b>	<b>0.82</b>	<b>0.79</b>	<b>0.80</b>	<b>0.80</b>	<b>0.81</b>	<b>0.75</b>	<b>0.77</b>	<b>0.80</b>	<b>0.81</b>	<b>0.79</b>
Prime rate	3.95%	3.95%	3.95%	3.95%	3.72%	3.50%	3.45%	3.24%	3.10%	2.75%	2.70%	2.70%	3.95%	3.48%	2.81%
CDOR	1.95%	1.97%	2.02%	2.18%	1.87%	1.69%	1.60%	1.40%	1.29%	0.95%	0.91%	0.91%	2.03%	1.64%	1.01%
Spread	2.00%	1.98%	1.93%	1.77%	1.85%	1.81%	1.85%	1.84%	1.81%	1.81%	1.79%	1.79%	1.92%	1.84%	1.80%

Selected average Consolidated Balance Sheet items															
Average Securities	93,918	91,025	81,461	76,545	74,623	76,022	78,038	75,076	64,252	63,147	70,075	69,005	85,772	75,923	66,591
Average Securities purchased under reverse repurchase agreements and securities borrowed	20,189	21,665	23,705	24,368	20,415	17,549	20,600	21,811	21,735	20,735	18,754	18,251	22,472	20,090	19,878
Average loans and acceptances	152,382	149,405	147,139	146,083	143,699	140,644	138,095	135,925	134,601	131,976	128,883	127,997	148,765	139,603	130,882
Average interest-bearing assets	270,319	265,909	261,001	255,877	247,161	244,701	245,967	243,388	231,893	225,294	228,078	222,882	263,295	245,299	227,028
Average assets	293,626	288,328	283,172	279,426	267,865	265,592	267,941	262,425	251,302	245,096	251,033	246,060	286,162	265,940	248,351
Average deposits	194,454	186,344	180,421	176,490	170,598	167,588	166,201	164,286	158,007	155,421	153,220	150,336	184,460	167,176	154,254
Average Common shareholders' equity	12,236	11,958	11,758	11,685	11,518	11,255	10,939	10,746	10,660	10,377	10,155	9,886	11,915	11,115	10,268

Assets Under Administration and Under Management												
<b>Assets under administration</b>	<b>484,636</b>	<b>479,118</b>	<b>473,549</b>	<b>438,385</b>	<b>416,199</b>	<b>425,299</b>	<b>427,407</b>	<b>428,377</b>	<b>411,817</b>	<b>365,586</b>	<b>364,077</b>	<b>352,926</b>
<b>Assets under management</b>												
Individual	43,941	42,387	41,435	39,396	37,007	37,056	35,104	34,487	33,349	31,168	30,831	28,879
Mutual funds	36,819	36,353	34,407	32,255	31,874	33,741	32,911	32,838	32,192	30,909	30,939	29,431
	<b>80,760</b>	<b>78,740</b>	<b>75,842</b>	<b>71,651</b>	<b>68,881</b>	<b>70,797</b>	<b>68,015</b>	<b>67,325</b>	<b>65,541</b>	<b>62,077</b>	<b>61,770</b>	<b>58,310</b>
<b>Assets under administration and under management</b>	<b>565,396</b>	<b>557,858</b>	<b>549,391</b>	<b>510,036</b>	<b>485,080</b>	<b>496,096</b>	<b>495,422</b>	<b>495,702</b>	<b>477,358</b>	<b>427,663</b>	<b>425,847</b>	<b>411,236</b>

## Segment Disclosures (excluding specified items)

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

	IFRS 9								IAS 39				IFRS 9		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
<b>Personal and Commercial</b>															
Net interest income	613	604	577	589	588	581	547	560	552	541	510	524	2,383	2,276	2,127
Non-interest income	263	287	256	263	261	269	248	255	249	259	236	245	1,069	1,033	989
<b>Total revenues</b>	<b>876</b>	<b>891</b>	<b>833</b>	<b>852</b>	<b>849</b>	<b>850</b>	<b>795</b>	<b>815</b>	<b>801</b>	<b>800</b>	<b>746</b>	<b>769</b>	<b>3,452</b>	<b>3,309</b>	<b>3,116</b>
Non-interest expenses	450	456	452	458	446	448	445	443	426	428	426	427	1,816	1,782	1,707
Provisions for credit losses <sup>(1)</sup>	59	57	63	58	52	61	57	58	51	46	6	53	237	228	156
Income before income taxes	367	378	318	336	351	341	293	314	324	326	314	289	1,399	1,299	1,253
Income taxes	97	101	84	90	94	91	78	84	87	87	84	77	372	347	335
<b>Net income</b>	<b>270</b>	<b>277</b>	<b>234</b>	<b>246</b>	<b>257</b>	<b>250</b>	<b>215</b>	<b>230</b>	<b>237</b>	<b>239</b>	<b>230</b>	<b>212</b>	<b>1,027</b>	<b>952</b>	<b>918</b>
Non-controlling interests	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net income attributable to the Bank's shareholders	270	277	234	246	257	250	215	230	237	239	230	212	1,027	952	918
Net interest margin <sup>(2)</sup>	2.23%	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%	2.19%
Efficiency ratio	51.4%	51.2%	54.3%	53.8%	52.5%	52.7%	56.0%	54.4%	53.2%	53.5%	57.1%	55.5%	52.6%	53.9%	54.8%
Average loans and acceptances - Personal	77,015	76,143	75,420	75,268	74,413	73,281	72,241	72,002	71,614	70,742	69,680	69,470	75,966	72,991	70,382
Mortgages loans	64,282	63,440	62,808	62,616	61,858	60,817	59,867	59,588	58,993	58,153	57,341	57,213	63,290	60,538	57,930
Personal loans	10,508	10,464	10,433	10,414	10,354	10,277	10,272	10,239	10,378	10,363	10,189	10,048	10,455	10,286	10,245
Credit Card	2,225	2,239	2,179	2,238	2,201	2,187	2,102	2,175	2,243	2,226	2,150	2,209	2,221	2,167	2,207
Average loans and acceptances - Commercial	37,466	36,486	36,013	35,321	34,703	33,959	33,180	32,235	31,839	31,508	31,471	30,713	36,324	33,522	31,382
Commercial (excluding Oil & Gas)	35,809	34,823	34,287	33,728	33,166	32,484	31,836	30,961	30,632	30,387	30,269	29,423	34,665	32,114	30,177
Oil & Gas	1,657	1,663	1,726	1,593	1,537	1,475	1,344	1,274	1,207	1,121	1,202	1,290	1,659	1,408	1,205
Average assets	114,975	113,132	111,910	111,145	109,490	107,539	105,751	104,612	103,776	102,674	101,543	100,543	112,798	106,857	102,139
Average interest-bearing assets	109,179	107,308	106,074	105,389	103,769	102,065	100,515	99,403	98,749	97,871	96,856	95,865	106,995	101,446	97,339
Average deposits - Personal	31,247	30,872	30,407	29,888	29,265	29,060	28,643	28,377	27,965	27,847	27,505	27,348	30,605	28,838	27,668
Average deposits - Commercial	33,241	32,313	30,423	31,505	31,803	30,180	28,003	28,142	28,987	27,745	26,398	24,723	31,882	29,545	26,968
Number of employees	9,430	9,349	9,440	9,564	9,575	9,687	9,605	9,521	9,489				9,430	9,575	9,489
<b>Wealth Management</b>															
Net interest income	115	115	112	128	115	114	109	108	103	92	88	90	470	446	373
Non-interest income	331	322	314	306	312	311	304	316	294	294	291	293	1,273	1,243	1,172
<b>Total revenues</b>	<b>446</b>	<b>437</b>	<b>426</b>	<b>434</b>	<b>427</b>	<b>425</b>	<b>413</b>	<b>424</b>	<b>397</b>	<b>386</b>	<b>379</b>	<b>383</b>	<b>1,743</b>	<b>1,689</b>	<b>1,545</b>
Non-interest expenses	269	267	266	265	267	262	260	269	254	252	252	253	1,067	1,058	1,011
Provisions for credit losses <sup>(1)</sup>	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-
Income before income taxes	177	170	160	169	160	163	152	155	143	134	127	130	676	630	534
Income taxes	47	44	42	44	42	43	40	41	37	35	34	35	177	166	141
<b>Net income</b>	<b>130</b>	<b>126</b>	<b>118</b>	<b>125</b>	<b>118</b>	<b>120</b>	<b>112</b>	<b>114</b>	<b>106</b>	<b>99</b>	<b>93</b>	<b>95</b>	<b>499</b>	<b>464</b>	<b>393</b>
Non-controlling interests	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net income attributable to the Bank's shareholders	130	126	118	125	118	120	112	114	106	99	93	95	499	464	393
Efficiency ratio	60.3%	61.1%	62.4%	61.1%	62.5%	61.6%	63.0%	63.4%	64.0%	65.3%	66.5%	66.1%	61.2%	62.6%	65.4%
Average loans and acceptances	4,824	4,855	4,829	4,911	4,926	4,784	4,669	4,501	4,383	4,332	4,102	4,060	4,855	4,720	4,220
Average assets	6,082	6,146	6,154	6,492	6,356	6,187	6,094	6,030	6,144	6,042	5,796	5,801	6,219	6,167	5,947
Average deposits	31,759	31,916	32,486	33,129	31,833	31,065	31,134	31,006	29,741	30,651	31,661	31,408	32,321	31,261	30,859
Number of employees	2,683	2,704	2,685	2,676	2,668	2,681	2,663	2,657	2,677				2,683	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		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
<b>Financial Markets</b>															
Net interest income	129	83	185	77	71	93	146	99	165	184	194	229	474	409	772
Non-interest income	366	358	219	333	365	323	291	355	248	205	206	187	1,276	1,334	846
<b>Total revenues</b>	<b>495</b>	<b>441</b>	<b>404</b>	<b>410</b>	<b>436</b>	<b>416</b>	<b>437</b>	<b>454</b>	<b>413</b>	<b>389</b>	<b>400</b>	<b>416</b>	<b>1,750</b>	<b>1,743</b>	<b>1,618</b>
Non-interest expenses	206	183	179	175	174	171	176	176	163	164	166	172	743	697	665
Provisions for credit losses <sup>(1)</sup>	10	10	7	3	-	2	2	-	-	-	-	-	30	4	-
Income before income taxes	279	248	218	232	262	243	259	278	250	225	234	244	977	1,042	953
Income taxes	74	66	58	62	70	65	69	74	67	60	63	65	260	278	255
<b>Net income</b>	<b>205</b>	<b>182</b>	<b>160</b>	<b>170</b>	<b>192</b>	<b>178</b>	<b>190</b>	<b>204</b>	<b>183</b>	<b>165</b>	<b>171</b>	<b>179</b>	<b>717</b>	<b>764</b>	<b>698</b>
Non-controlling interests	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net income attributable to the Bank's shareholders	205	182	160	170	192	178	190	204	183	165	171	179	717	764	698
Efficiency ratio on a taxable equivalent basis	41.6%	41.5%	44.3%	42.7%	39.9%	41.1%	40.3%	38.8%	39.5%	42.2%	41.5%	41.3%	42.5%	40.0%	41.1%
Average loans and acceptances (Corporate Banking only)	16,950	16,706	16,407	16,230	16,005	15,667	14,756	14,025	13,931	13,236	12,547	12,739	16,575	15,116	13,118
Average assets	119,244	116,601	109,485	104,545	97,976	99,067	104,131	101,816	93,030	92,046	98,189	96,781	112,493	100,721	94,991
Average deposits	35,311	29,991	28,793	27,100	25,234	23,525	22,827	22,430	21,660	20,914	20,266	20,843	30,311	23,510	20,926
Number of employees	787	803	724	712	706	722	679	687	701				787	706	701

<b>U.S. Specialty Finance and International (USSF&amp;I)</b>															
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
Net interest income	180	159	159	158	147	140	150	147	139	129	101	97	656	584	466
Non-interest income	12	15	19	13	11	6	24	14	15	18	21	21	59	55	75
<b>Total revenues</b>	<b>192</b>	<b>174</b>	<b>178</b>	<b>171</b>	<b>158</b>	<b>146</b>	<b>174</b>	<b>161</b>	<b>154</b>	<b>147</b>	<b>122</b>	<b>118</b>	<b>715</b>	<b>639</b>	<b>541</b>
Non-interest expenses	74	69	74	68	65	64	62	60	56	58	55	56	285	251	225
Provisions for credit losses <sup>(1)</sup>	20	19	14	27	22	12	31	29	19	12	10	7	80	94	48
Income before income taxes	98	86	90	76	71	70	81	72	79	77	57	55	350	294	268
Income taxes	20	17	18	16	16	16	18	22	24	26	17	17	71	72	84
<b>Net income</b>	<b>78</b>	<b>69</b>	<b>72</b>	<b>60</b>	<b>55</b>	<b>54</b>	<b>63</b>	<b>50</b>	<b>55</b>	<b>51</b>	<b>40</b>	<b>38</b>	<b>279</b>	<b>222</b>	<b>184</b>
Non-controlling interests	7	11	12	10	8	10	11	9	6	9	8	6	40	38	29
Net income attributable to the Bank's shareholders	71	58	60	50	47	44	52	41	49	42	32	32	239	184	155
Efficiency ratio	38.5%	39.7%	41.6%	39.8%	41.1%	43.8%	35.6%	37.3%	36.4%	39.5%	45.1%	47.5%	39.9%	39.3%	41.6%
Average loans and receivables	9,333	8,769	8,711	8,808	8,218	7,637	7,856	7,702	7,565	6,657	5,269	4,733	8,907	7,853	6,062
Average revenue-bearing other assets	-	-	-	-	1	2	10	46	113	308	578	801	-	15	449
Average assets	11,909	10,972	10,600	10,448	9,957	9,233	9,104	8,777	8,658	7,940	6,799	6,655	10,985	9,270	7,519
Average deposits	4,227	3,665	3,238	2,758	2,289	2,007	1,795	1,532	1,418	1,294	1,225	1,122	3,474	1,907	1,265
Number of employees	6,120	5,425	4,858	4,572	4,202	3,612	3,125	2,794	2,543				6,120	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		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
Net interest income	(101)	(106)	(91)	(89)	(95)	(91)	(67)	(80)	(78)	(59)	(78)	(87)	(387)	(333)	(302)
Non-interest income	7	15	20	21	39	46	2	32	17	12	28	34	63	119	91
<b>Total revenues</b>	<b>(94)</b>	<b>(91)</b>	<b>(71)</b>	<b>(68)</b>	<b>(56)</b>	<b>(45)</b>	<b>(65)</b>	<b>(48)</b>	<b>(61)</b>	<b>(47)</b>	<b>(50)</b>	<b>(53)</b>	<b>(324)</b>	<b>(214)</b>	<b>(211)</b>
Non-interest expenses	85	67	55	60	84	66	49	76	77	69	42	61	267	275	249
Provisions for credit losses <sup>(1)</sup>	-	-	-	-	(1)	1	-	-	-	-	40	-	-	-	40
Income before income taxes	(179)	(158)	(126)	(128)	(139)	(112)	(114)	(124)	(138)	(116)	(132)	(114)	(591)	(489)	(500)
Income taxes (recovery)	(108)	(110)	(100)	(79)	(83)	(79)	(81)	(76)	(82)	(80)	(82)	(87)	(397)	(319)	(331)
<b>Net income</b>	<b>(71)</b>	<b>(48)</b>	<b>(26)</b>	<b>(49)</b>	<b>(56)</b>	<b>(33)</b>	<b>(33)</b>	<b>(48)</b>	<b>(56)</b>	<b>(36)</b>	<b>(50)</b>	<b>(27)</b>	<b>(194)</b>	<b>(170)</b>	<b>(169)</b>
Non-controlling interests	7	6	7	6	8	13	14	14	13	15	14	13	26	49	55
Net income attributable to the Bank's shareholders	(78)	(54)	(33)	(55)	(64)	(46)	(47)	(62)	(69)	(51)	(64)	(40)	(220)	(219)	(224)
Average assets	41,416	41,477	45,023	46,796	44,086	43,566	42,861	41,190	39,694	36,394	38,706	36,280	43,667	42,925	37,755
Average deposits	58,669	57,587	55,074	52,110	50,174	51,751	53,799	52,799	48,236	46,970	46,165	44,892	55,867	52,115	46,568
Number of employees	6,467	6,600	6,430	6,436	6,299	6,327	6,287	6,209	6,225				6,467	6,299	6,225

Total	2019		2018		2017		2016		2015		2014		2013		2012	
Net interest income	936	855	942	863	826	837	885	834	881	887	815	853	3,596	3,382	3,436	
Non-interest income	979	997	828	936	988	955	869	972	823	788	782	780	3,740	3,784	3,173	
<b>Total revenues</b>	<b>1,915</b>	<b>1,852</b>	<b>1,770</b>	<b>1,799</b>	<b>1,814</b>	<b>1,792</b>	<b>1,754</b>	<b>1,806</b>	<b>1,704</b>	<b>1,675</b>	<b>1,597</b>	<b>1,633</b>	<b>7,336</b>	<b>7,166</b>	<b>6,609</b>	
Non-interest expenses	1,084	1,042	1,026	1,026	1,036	1,011	992	1,024	976	971	941	969	4,178	4,063	3,857	
Provisions for credit losses	89	86	84	88	73	76	91	87	70	58	56	60	347	327	244	
Income before income taxes	742	724	660	685	705	705	671	695	658	646	600	604	2,811	2,776	2,508	
Income taxes	130	118	102	133	139	136	124	145	133	128	116	107	483	544	484	
<b>Net income</b>	<b>612</b>	<b>606</b>	<b>558</b>	<b>552</b>	<b>566</b>	<b>569</b>	<b>547</b>	<b>550</b>	<b>525</b>	<b>518</b>	<b>484</b>	<b>497</b>	<b>2,328</b>	<b>2,232</b>	<b>2,024</b>	
Non-controlling interests	14	17	19	16	16	23	25	23	19	24	22	19	66	87	84	
Net income attributable to the Bank's shareholders	598	589	539	536	550	546	522	527	506	494	462	478	2,262	2,145	1,940	
Efficiency ratio on a taxable equivalent basis	54.0%	53.5%	55.5%	55.1%	55.3%	54.5%	54.6%	54.9%	55.5%	55.8%	57.0%	56.8%	54.5%	54.8%	56.3%	
Average loans and BA's	152,382	149,405	147,139	146,083	143,699	140,644	138,095	135,925	134,601	131,976	128,883	127,997	148,765	139,603	130,882	
Average assets	293,626	288,328	283,172	279,426	267,865	265,592	267,941	262,425	251,302	245,096	251,033	246,060	286,162	265,940	248,351	
Average deposits	194,454	186,344	180,421	176,490	170,598	167,588	166,201	164,286	158,007	155,421	153,220	150,336	184,460	167,176	154,254	
Number of employees	25,487	24,881	24,137	23,960	23,450	23,029	22,359	21,868	21,635				25,487	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																			
	2019																Full Year			
	Q4				Q3				Q2				Q1				2019			
	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	Total
Net interest income	100	81	(1)	180	88	72	(1)	159	97	64	(2)	159	101	58	(1)	158	386	275	(5)	656
Non-interest income	(5)	9	8	12	7	7	1	15	10	5	4	19	4	7	2	13	16	28	15	59
<b>Total revenues</b>	<b>95</b>	<b>90</b>	<b>7</b>	<b>192</b>	<b>95</b>	<b>79</b>	<b>-</b>	<b>174</b>	<b>107</b>	<b>69</b>	<b>2</b>	<b>178</b>	<b>105</b>	<b>65</b>	<b>1</b>	<b>171</b>	<b>402</b>	<b>303</b>	<b>10</b>	<b>715</b>
Non-interest expenses	38	36	-	74	36	33	-	69	42	31	1	74	36	31	1	68	152	131	2	285
Provisions for credit losses <sup>(2)</sup>	18	2	-	20	15	4	-	19	12	2	-	14	23	4	-	27	68	12	-	80
Income before income taxes	39	52	7	98	44	42	-	86	53	36	1	90	46	30	-	76	182	160	8	350
Income taxes	8	11	1	20	9	8	-	17	11	7	-	18	10	6	-	16	38	32	1	71
<b>Net income</b>	<b>31</b>	<b>41</b>	<b>6</b>	<b>78</b>	<b>35</b>	<b>34</b>	<b>-</b>	<b>69</b>	<b>42</b>	<b>29</b>	<b>1</b>	<b>72</b>	<b>36</b>	<b>24</b>	<b>-</b>	<b>60</b>	<b>144</b>	<b>128</b>	<b>7</b>	<b>279</b>
Non-controlling interests	6	1	-	7	8	3	-	11	9	3	-	12	7	3	-	10	30	10	-	40
Net income attributable to the Bank's shareholders	25	40	6	71	27	31	-	58	33	26	1	60	29	21	-	50	114	118	7	239
Efficiency ratio	40.0%	40.0%	-	38.5%	37.9%	41.8%	-	39.7%	39.3%	44.9%	-	41.6%	34.3%	47.7%	-	39.8%	37.8%	43.2%	-	39.9%
Average loans and receivables	6,174	3,159	-	9,333	5,932	2,837	-	8,769	6,108	2,603	-	8,711	6,498	2,310	-	8,808	6,179	2,728	-	8,907
Average assets	6,342	5,211	356	11,909	6,120	4,468	384	10,972	6,329	3,897	374	10,600	6,661	3,411	376	10,448	6,363	4,250	372	10,985
Average deposits	-	4,227	-	4,227	-	3,665	-	3,665	-	3,238	-	3,238	-	2,758	-	2,758	-	3,474	-	3,474

	IFRS 9																			
	2018																Full Year			
	Q4				Q3				Q2				Q1				2018			
	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	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
<b>Total revenues</b>	<b>100</b>	<b>57</b>	<b>1</b>	<b>158</b>	<b>100</b>	<b>47</b>	<b>(1)</b>	<b>146</b>	<b>129</b>	<b>45</b>	<b>-</b>	<b>174</b>	<b>117</b>	<b>43</b>	<b>1</b>	<b>161</b>	<b>446</b>	<b>192</b>	<b>1</b>	<b>639</b>
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 <sup>(2)</sup>	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
<b>Net income</b>	<b>34</b>	<b>20</b>	<b>1</b>	<b>55</b>	<b>38</b>	<b>17</b>	<b>(1)</b>	<b>54</b>	<b>48</b>	<b>16</b>	<b>(1)</b>	<b>63</b>	<b>34</b>	<b>16</b>	<b>-</b>	<b>50</b>	<b>154</b>	<b>69</b>	<b>(1)</b>	<b>222</b>
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																Full Year			
	Q4				Q3				Q2				Q1				2017			
	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	Total	Credigy	ABA Bank	Other <sup>(2)</sup>	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
<b>Total revenues</b>	<b>111</b>	<b>38</b>	<b>5</b>	<b>154</b>	<b>117</b>	<b>32</b>	<b>(2)</b>	<b>147</b>	<b>91</b>	<b>27</b>	<b>4</b>	<b>122</b>	<b>90</b>	<b>28</b>	<b>-</b>	<b>118</b>	<b>409</b>	<b>125</b>	<b>7</b>	<b>541</b>
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 <sup>(2)</sup>	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
<b>Net income</b>	<b>36</b>	<b>16</b>	<b>3</b>	<b>55</b>	<b>40</b>	<b>13</b>	<b>(2)</b>	<b>51</b>	<b>28</b>	<b>10</b>	<b>2</b>	<b>40</b>	<b>27</b>	<b>11</b>	<b>-</b>	<b>38</b>	<b>131</b>	<b>50</b>	<b>3</b>	<b>184</b>
Non-controlling interests	4	2	-	6	8	1	-	9	6	2	-	8	5	1	-	6	23	6	-	29
Net income attributable to the Bank's shareholders	32	14	3	49	32	12	(2)	42	22	8	2	32	22	10	-	32	108	44	3	155
Efficiency ratio	34.2%	44.7%	-	36.4%	36.8%	46.9%	-	39.5%	42.9%	51.9%	-	45.1%	47.8%	46.4%	-	47.5%	39.9%	47.2%	-	41.6%
Average loans and receivables	6,202	1,335	28	7,565	5,419	1,210	28	6,657	4,111	1,131	27	5,269	3,697	1,010	26	4,733	4,863	1,172	27	6,062
Average revenue-bearing other assets	113	-	-	113	308	-	-	308	578	-	-	578	801	-	-	801	449	-	-	449
Average assets	6,549	1,843	266	8,658	5,983	1,662	295	7,940	4,923	1,580	296	6,799	4,942	1,433	280	6,655	5,605	1,630	284	7,519
Average deposits	-	1,418	-	1,418	-	1,294	-	1,294	-	1,225	-	1,225	-	1,122	-	1,122	-	1,265	-	1,265

(1) Includes other international investments.

(2) 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.

## 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
<b>2019</b>									
Q4 Charge related to Maple	<i>Other</i>	-	-	-	11	-	(11)	(3)	(8)
Total		-	-	-	11	-	(11)	(3)	(8)
Q3 Gain on disposal of Fiera Capital shares	<i>Other</i>	-	79	79	-	-	79	11	68
Gain on disposal of premises and equipment	<i>Other</i>	-	50	50	-	-	50	7	43
Remeasurement at fair value of an investment	<i>Other</i>	-	(33)	(33)	-	-	(33)	(6)	(27)
Impairment losses on premises and equipment and on intangible assets	<i>Other</i>	-	-	-	57	-	(57)	(15)	(42)
Provisions for onerous contracts	<i>Other</i>	-	-	-	45	-	(45)	(12)	(33)
Severance pay	<i>Other</i>	-	-	-	10	-	(10)	(3)	(7)
Total		-	96	96	112	-	(16)	(18)	2
<b>Total</b>		-	<b>96</b>	<b>96</b>	<b>123</b>	-	<b>(27)</b>	<b>(21)</b>	<b>(6)</b>

## Consolidated Results

(unaudited) (millions of Canadian dollars)

	IFRS 9								IAS 39				IFRS 9		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
Net interest income	936	855	942	863	826	837	885	834	881	887	815	853	3,596	3,382	3,436
Non-interest income	979	1,093	828	936	988	955	869	972	823	788	782	780	3,836	3,784	3,173
<b>Total revenues</b>	<b>1,915</b>	<b>1,948</b>	<b>1,770</b>	<b>1,799</b>	<b>1,814</b>	<b>1,792</b>	<b>1,754</b>	<b>1,806</b>	<b>1,704</b>	<b>1,675</b>	<b>1,597</b>	<b>1,633</b>	<b>7,432</b>	<b>7,166</b>	<b>6,609</b>
Non-interest expenses	1,095	1,154	1,026	1,026	1,036	1,011	992	1,024	976	971	941	969	4,301	4,063	3,857
Provisions for credit losses	89	86	84	88	73	76	91	87	70	58	56	60	347	327	244
Income before income taxes	731	708	660	685	705	705	671	695	658	646	600	604	2,784	2,776	2,508
Income taxes	127	100	102	133	139	136	124	145	133	128	116	107	462	544	484
<b>Net income</b>	<b>604</b>	<b>608</b>	<b>558</b>	<b>552</b>	<b>566</b>	<b>569</b>	<b>547</b>	<b>550</b>	<b>525</b>	<b>518</b>	<b>484</b>	<b>497</b>	<b>2,322</b>	<b>2,232</b>	<b>2,024</b>
Non-controlling interests	14	17	19	16	16	23	25	23	19	24	22	19	66	87	84
Net income attributable to the Bank's shareholders	590	591	539	536	550	546	522	527	506	494	462	478	2,256	2,145	1,940
Average loans and acceptances	152,382	149,405	147,139	146,083	143,699	140,644	138,095	135,925	134,601	131,976	128,883	127,997	148,765	139,603	130,882
Average assets	293,626	288,328	283,172	279,426	267,865	265,592	267,941	262,425	251,302	245,096	251,033	246,060	286,162	265,940	248,351
Average deposits	194,454	186,344	180,421	176,490	170,598	167,588	166,201	164,286	158,007	155,421	153,220	150,336	184,460	167,176	154,254

## Total Revenues (excluding specified items)

(unaudited) (millions of Canadian dollars)

	IFRS 9								IAS 39				IFRS 9		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
<b>Net Interest Income</b>															
<b>Interest Income</b>															
Loans	1,673	1,608	1,583	1,604	1,506	1,438	1,364	1,324	1,286	1,196	1,117	1,116	6,468	5,632	4,715
Securities	387	378	404	322	280	282	307	228	223	237	245	250	1,491	1,097	955
Deposits with financial institutions	36	40	69	70	55	58	47	46	39	31	26	18	215	206	114
	2,096	2,026	2,056	1,996	1,841	1,778	1,718	1,598	1,548	1,464	1,388	1,384	8,174	6,935	5,784
<b>Interest expense</b>															
Deposits	911	886	831	840	748	670	595	549	502	447	431	400	3,468	2,562	1,780
Liabilities related to transferred receivables	117	113	108	106	110	105	100	99	107	99	100	97	444	414	403
Subordinated debt	7	6	6	6	6	6	6	-	1	-	7	8	25	18	16
Other	125	166	169	181	151	160	132	116	57	31	35	26	641	559	149
	1,160	1,171	1,114	1,133	1,015	941	833	764	667	577	573	531	4,578	3,553	2,348
Tax equivalent adjustment	57	58	45	35	35	35	36	38	40	55	46	68	195	144	209
<b>Net interest income on a taxable equivalent basis</b>	<b>993</b>	<b>913</b>	<b>987</b>	<b>898</b>	<b>861</b>	<b>872</b>	<b>921</b>	<b>872</b>	<b>921</b>	<b>942</b>	<b>861</b>	<b>921</b>	<b>3,791</b>	<b>3,526</b>	<b>3,645</b>
<b>Non-Interest Income</b>															
Underwriting and advisory fees	96	75	82	61	104	106	75	103	71	100	90	88	314	388	349
Securities brokerage commissions	45	43	46	44	48	46	47	54	50	51	57	58	178	195	216
Mutual fund revenues	116	115	112	106	110	111	106	111	105	105	101	101	449	438	412
Trust service revenues	158	155	149	147	150	146	146	145	136	133	126	123	609	587	518
Credit fees	109	107	99	102	104	105	97	97	95	99	84	83	417	403	361
Card revenues	41	45	48	41	39	44	36	40	33	37	29	33	175	159	132
Deposits and payment service charges	71	69	63	68	73	71	68	68	76	71	64	68	271	280	279
Trading revenues (losses)	245	251	105	228	248	200	164	228	134	70	76	94	829	840	374
Gains (losses) on available-for-sale securities, net									39	26	49	26			140
Gains (losses) on non-trading securities, net	5	15	25	32	9	21	19	28					77	77	
Insurance revenues, net	28	46	28	34	29	32	29	31	25	31	30	31	136	121	117
Foreign exchange revenues, other than trading	23	27	22	24	23	26	24	22	19	21	23	18	96	95	81
Share in the net income of associates and joint ventures	11	8	7	8	9	7	5	7	11	7	9	8	34	28	35
Other	31	41	42	41	42	40	53	38	29	37	44	49	155	173	159
	979	997	828	936	988	955	869	972	823	788	782	780	3,740	3,784	3,173
Tax equivalent adjustment	36	36	35	28	25	27	28	21	14	10	7	4	135	101	35
<b>Non-interest income on a taxable equivalent basis</b>	<b>1,015</b>	<b>1,033</b>	<b>863</b>	<b>964</b>	<b>1,013</b>	<b>982</b>	<b>897</b>	<b>993</b>	<b>837</b>	<b>798</b>	<b>789</b>	<b>784</b>	<b>3,875</b>	<b>3,885</b>	<b>3,208</b>
As a % of total revenues	50.5%	53.1%	46.6%	51.8%	54.1%	53.0%	49.3%	53.2%	47.6%	45.9%	47.8%	46.0%	50.5%	52.4%	46.8%
<b>Trading Revenues</b>															
Net interest income on a taxable equivalent basis	71	27	120	17	11	45	96	56	115	144	149	187	235	208	595
Non-interest income on a taxable equivalent basis	281	287	140	256	273	227	192	249	148	80	83	98	964	941	409
	<b>352</b>	<b>314</b>	<b>260</b>	<b>273</b>	<b>284</b>	<b>272</b>	<b>288</b>	<b>305</b>	<b>263</b>	<b>224</b>	<b>232</b>	<b>285</b>	<b>1,199</b>	<b>1,149</b>	<b>1,004</b>
<b>Trading Revenues by Product</b>															
<b>Financial Markets</b>															
Equities	198	165	124	137	141	135	162	138	133	121	116	136	624	576	506
Fixed-income	79	79	65	66	65	53	67	82	76	70	72	76	289	267	294
Commodities and foreign exchange	24	25	29	48	29	28	36	37	21	20	24	42	126	130	107
	301	269	218	251	235	216	265	257	230	211	212	254	1,039	973	907
Other sectors	51	45	42	22	49	56	23	48	33	13	20	31	160	176	97
	<b>352</b>	<b>314</b>	<b>260</b>	<b>273</b>	<b>284</b>	<b>272</b>	<b>288</b>	<b>305</b>	<b>263</b>	<b>224</b>	<b>232</b>	<b>285</b>	<b>1,199</b>	<b>1,149</b>	<b>1,004</b>

## Non-Interest Expenses (excluding specified items)

(unaudited) (millions of Canadian dollars)

Non-Interest Expenses	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
<b>Compensation and employee benefits</b>															
Salaries	314	317	296	307	302	295	276	280	276	272	257	265	1,234	1,153	1,070
Variable compensation	269	232	219	212	232	234	234	244	238	236	226	225	932	944	925
Pension plans and other post-employment benefits	78	89	92	97	82	89	91	107	87	87	91	98	356	369	363
	<b>661</b>	<b>638</b>	<b>607</b>	<b>616</b>	<b>616</b>	<b>618</b>	<b>601</b>	<b>631</b>	<b>601</b>	<b>595</b>	<b>574</b>	<b>588</b>	<b>2,522</b>	<b>2,466</b>	<b>2,358</b>
<b>Occupancy and technology</b>															
Rent	48	39	41	41	38	37	39	37	39	38	38	36	169	151	151
Taxes & insurance	1	3	4	3	4	3	3	3	1	4	3	3	11	13	11
Maintenance, lighting, heating	7	7	8	7	7	7	7	8	8	7	8	10	29	29	33
Technology	91	90	100	91	94	85	93	103	95	90	89	90	372	375	364
Amortization	77	79	82	81	74	75	71	68	64	63	61	57	319	288	245
	<b>224</b>	<b>218</b>	<b>235</b>	<b>223</b>	<b>217</b>	<b>207</b>	<b>213</b>	<b>219</b>	<b>207</b>	<b>202</b>	<b>199</b>	<b>196</b>	<b>900</b>	<b>856</b>	<b>804</b>
<b>Other expenses</b>															
Communications	16	14	16	16	15	15	17	16	14	16	15	16	62	63	61
Professional fees	70	60	57	62	65	63	56	60	64	64	60	66	249	244	254
Capital and payroll taxes	15	16	19	20	19	20	20	20	19	20	18	16	70	79	73
Travel & business development	34	31	32	31	43	30	27	28	35	29	26	32	128	128	122
Other	64	65	60	58	61	58	58	50	36	45	49	55	247	227	185
	<b>199</b>	<b>186</b>	<b>184</b>	<b>187</b>	<b>203</b>	<b>186</b>	<b>178</b>	<b>174</b>	<b>168</b>	<b>174</b>	<b>168</b>	<b>185</b>	<b>756</b>	<b>741</b>	<b>695</b>
	<b>1,084</b>	<b>1,042</b>	<b>1,026</b>	<b>1,026</b>	<b>1,036</b>	<b>1,011</b>	<b>992</b>	<b>1,024</b>	<b>976</b>	<b>971</b>	<b>941</b>	<b>969</b>	<b>4,178</b>	<b>4,063</b>	<b>3,857</b>

## Consolidated Balance Sheets

(unaudited) (millions of Canadian dollars)

	IFRS 9								IAS 39			
	2019				2018				2017			
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
<b>Assets</b>												
Cash and deposits with financial institutions	13,698	11,552	10,498	12,353	12,756	11,037	10,948	11,205	8,802	10,462	9,770	8,616
Securities	82,226	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	17,723	13,928	17,193	15,162	18,159	16,253	17,636	16,520	20,789	16,600	17,481	14,779
<b>Loans</b>												
Residential mortgage - insured	29,982	29,897	29,538	29,780	29,911	29,997	30,025	30,386	30,763	31,450	31,709	32,226
- uninsured	27,189	26,085	25,075	24,351	23,740	22,734	21,849	21,163	20,871	19,978	19,297	18,637
Personal	36,944	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	2,322	2,324	2,249	2,325	2,285	2,245	2,206	2,247	2,205	2,190	2,120
Business and government	50,599	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	6,893	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	(678)	(687)	(683)	(664)	(658)	(658)	(666)	(663)	(695)	(735)	(735)	(769)
	<b>153,251</b>	<b>151,348</b>	<b>148,742</b>	<b>146,710</b>	<b>146,082</b>	<b>142,836</b>	<b>139,864</b>	<b>136,352</b>	<b>136,457</b>	<b>134,845</b>	<b>131,488</b>	<b>128,608</b>
Other assets	14,560	14,752	14,052	14,417	15,691	14,142	14,369	14,771	14,436	15,644	15,188	16,449
<b>Total assets</b>	<b>281,458</b>	<b>276,312</b>	<b>269,106</b>	<b>263,355</b>	<b>262,471</b>	<b>257,637</b>	<b>256,259</b>	<b>251,065</b>	<b>245,827</b>	<b>240,072</b>	<b>239,020</b>	<b>234,119</b>
<b>Liabilities and equity</b>												
<b>Deposits</b>												
Personal	60,065	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	125,266	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	4,235	4,569	5,135	5,040	4,821	5,183	6,309	5,958	5,381	5,072	5,107	5,696
	<b>189,566</b>	<b>187,219</b>	<b>179,419</b>	<b>172,930</b>	<b>170,830</b>	<b>166,595</b>	<b>164,774</b>	<b>156,779</b>	<b>156,671</b>	<b>152,310</b>	<b>151,160</b>	<b>144,729</b>
<b>Other</b>												
Acceptances	6,893	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	12,849	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	21,900	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	21,312	20,549	20,236	19,298	20,100	19,190	19,620	19,048	20,098	19,558	20,156	19,516
Other liabilities	13,029	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	773	772	764	747	753	755	8	9	9	10	1,009
	<b>76,756</b>	<b>74,198</b>	<b>74,952</b>	<b>75,910</b>	<b>77,286</b>	<b>76,788</b>	<b>77,477</b>	<b>80,578</b>	<b>75,598</b>	<b>74,390</b>	<b>75,177</b>	<b>76,883</b>
<b>Equity</b>												
<b>Equity attributable to the Bank's shareholders</b>												
Preferred shares	2,450	2,450	2,450	2,450	2,450	2,450	2,150	2,150	2,050	2,050	1,650	1,650
Common shares	2,949	2,914	2,901	2,880	2,822	2,825	2,868	2,861	2,768	2,816	2,793	2,763
Contributed surplus	51	53	52	53	57	53	52	52	58	58	57	57
Retained earnings	9,312	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	16	59	50	65	175	159	139	110	168	122	221	173
<b>Non-controlling interests</b>	358	375	393	372	379	363	781	750	808	786	798	799
	<b>15,136</b>	<b>14,895</b>	<b>14,735</b>	<b>14,515</b>	<b>14,355</b>	<b>14,254</b>	<b>14,008</b>	<b>13,708</b>	<b>13,558</b>	<b>13,372</b>	<b>12,683</b>	<b>12,507</b>
<b>Total liabilities &amp; equity</b>	<b>281,458</b>	<b>276,312</b>	<b>269,106</b>	<b>263,355</b>	<b>262,471</b>	<b>257,637</b>	<b>256,259</b>	<b>251,065</b>	<b>245,827</b>	<b>240,072</b>	<b>239,020</b>	<b>234,119</b>
Mortgage loan securitization (includes HELOC)	20,058	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	1,746	1,777	1,779	1,737	1,810	1,806	1,757	1,740	1,771	1,747	1,619	1,584
Covered bonds	9,458	9,403	8,339	8,331	8,285	8,461	7,482	7,160	7,010	6,724	6,875	6,497
Mutual funds	36,819	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	117	98	77	32	(60)	(43)	(28)	(9)	47	18	195	107
Equity securities - excess of market value over book value	(27)	(19)	(12)	(13)	(5)	-	(2)	2	39	65	80	89
<b>Number of common shares outstanding (thousands)</b>	<b>334,172</b>	<b>334,210</b>	<b>335,116</b>	<b>335,500</b>	<b>335,071</b>	<b>337,441</b>	<b>339,348</b>	<b>340,390</b>	<b>339,592</b>	<b>341,580</b>	<b>341,524</b>	<b>340,810</b>

## Consolidated Statements of Changes in Equity

(unaudited) (millions of Canadian dollars)

	IFRS 9								IAS 39				IFRS 9		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
<b>Balance at beginning</b>	<b>14,895</b>	<b>14,735</b>	<b>14,515</b>	<b>14,355</b>	<b>14,254</b>	<b>14,008</b>	<b>13,708</b>	<b>13,558</b>	<b>13,372</b>	<b>12,683</b>	<b>12,507</b>	<b>12,102</b>	<b>14,355</b>	<b>13,558</b>	<b>12,102</b>
Impact of adopting IFRS 15 on November 1, 2018 (IFRS 9 on November 1, 2017)	-	-	-	(4)	-	-	-	(165)	-	-	-	-	(4)	(165)	-
Net income attributable to the Bank's shareholders	590	591	539	536	550	546	522	527	506	494	462	478	2,256	2,145	1,940
Issuances of common shares pursuant to the Stock Option Plan	44	27	28	23	23	13	21	71	19	11	30	119	122	128	179
Issuances of preferred shares	-	-	-	-	-	300	-	300	-	400	-	-	-	600	400
Impact of shares purchased or sold for trading	-	-	1	44	-	(43)	(2)	35	(56)	16	-	3	45	(10)	(37)
Other adjustments, common shares	-	-	-	-	-	-	-	-	1	-	-	(4)	-	-	(3)
Repurchases of common shares for cancellation	(9)	(14)	(8)	(9)	(26)	(13)	(12)	(13)	(12)	(4)	-	-	(40)	(64)	(16)
Redemption of preferred shares for cancellation	-	-	-	-	-	-	-	(200)	-	-	-	-	-	(200)	-
Premium paid on common shares repurchased for cancellation	(57)	(79)	(54)	(51)	(162)	(82)	(81)	(78)	(77)	(22)	-	-	(241)	(403)	(99)
Dividends on common shares	(228)	(228)	(218)	(218)	(209)	(211)	(204)	(205)	(198)	(198)	(191)	(191)	(892)	(829)	(778)
Dividends on preferred shares	(29)	(29)	(29)	(29)	(32)	(25)	(26)	(22)	(27)	(19)	(20)	(19)	(116)	(105)	(85)
Share issuance expenses, net of income taxes	-	-	-	-	-	(6)	(1)	(5)	(1)	(7)	-	-	-	(12)	(8)
Remeasurements of pension plans and other post-employment benefit plans	(13)	(83)	13	(52)	(70)	140	(3)	36	(43)	101	(80)	119	(135)	103	97
Net gains (losses) on equity securities designated at fair value through other comprehensive income	(7)	(9)	1	(6)	(3)	1	(3)	3	-	-	-	-	(21)	(2)	-
Net fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss	13	(3)	(58)	53	6	22	19	(26)	9	26	(41)	(15)	5	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	2	3	3	3	3	3	3	3	3	2	3	3	11	12	11
Stock options exercised	(5)	(3)	(4)	(3)	(1)	(2)	(3)	(9)	(3)	(1)	(3)	(19)	(15)	(15)	(26)
Other adjustments, contributed surplus	1	1	-	(4)	2	-	-	-	-	-	-	-	(2)	2	-
Change in non-controlling interests	(17)	(18)	21	(7)	16	(418)	31	(42)	22	(12)	(1)	(11)	(21)	(413)	(2)
Accumulated other comprehensive income	(43)	9	(15)	(110)	16	20	29	(48)	46	(99)	48	(45)	(159)	17	(50)
Other adjustments, retained earnings	(1)	1	2	(2)	(12)	1	10	(12)	-	1	-	(13)	-	(13)	(12)
<b>Balance at end</b>	<b>15,136</b>	<b>14,895</b>	<b>14,735</b>	<b>14,515</b>	<b>14,355</b>	<b>14,254</b>	<b>14,008</b>	<b>13,708</b>	<b>13,558</b>	<b>13,372</b>	<b>12,683</b>	<b>12,507</b>	<b>15,136</b>	<b>14,355</b>	<b>13,558</b>
<b>Equity</b>															
<b>Equity attributable to the Bank's shareholders</b>															
Preferred shares	2,450	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	2,050
Common shares	2,949	2,914	2,901	2,880	2,822	2,825	2,868	2,861	2,768	2,816	2,793	2,763	2,949	2,822	2,768
Contributed surplus	51	53	52	53	57	53	52	52	58	58	57	57	51	57	58
Retained earnings	9,312	9,044	8,889	8,695	8,472	8,404	8,018	7,785	7,706	7,540	7,164	7,065	9,312	8,472	7,706
Accumulated other comprehensive income	16	59	50	65	175	159	139	110	168	122	221	173	16	175	168
<b>Non-controlling interests</b>	<b>358</b>	<b>375</b>	<b>393</b>	<b>372</b>	<b>379</b>	<b>363</b>	<b>781</b>	<b>750</b>	<b>808</b>	<b>786</b>	<b>798</b>	<b>799</b>	<b>358</b>	<b>379</b>	<b>808</b>
	<b>15,136</b>	<b>14,895</b>	<b>14,735</b>	<b>14,515</b>	<b>14,355</b>	<b>14,254</b>	<b>14,008</b>	<b>13,708</b>	<b>13,558</b>	<b>13,372</b>	<b>12,683</b>	<b>12,507</b>	<b>15,136</b>	<b>14,355</b>	<b>13,558</b>

# Consolidated Statements of Comprehensive Income

(unaudited) (millions of Canadian dollars)

	IFRS 9								IAS 39				IFRS 9		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
<b>Net income</b>	604	608	558	552	566	569	547	550	525	518	484	497	2,322	2,232	2,024
<b>Other comprehensive income, net of income taxes</b>															
Net unrealized foreign currency translation gains (losses) on investments in foreign operations	(10)	(41)	50	(8)	21	23	78	(81)	61	(162)	94	(57)	(9)	41	(64)
Net foreign currency translation (gains) losses on investments in foreign operations reclassified to net income	6	(8)	–	–	–	–	–	–	–	–	–	–	(2)	–	–
Impact of hedging net foreign currency translation gains (losses)	2	15	(14)	1	(7)	(5)	(21)	20	(18)	55	(36)	24	4	(13)	25
Impact of hedging net foreign currency translation (gains) losses reclassified to net income	(6)	6	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Net foreign currency translation adjustments</b>	<b>(8)</b>	<b>(28)</b>	<b>36</b>	<b>(7)</b>	<b>14</b>	<b>18</b>	<b>57</b>	<b>(61)</b>	<b>43</b>	<b>(107)</b>	<b>58</b>	<b>(33)</b>	<b>(7)</b>	<b>28</b>	<b>(39)</b>
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)
<b>Net change in available-for-sale securities</b>									<b>2</b>	<b>(36)</b>	<b>30</b>	<b>(8)</b>			<b>(12)</b>
Net unrealized gains (losses) on debt securities at fair value through other comprehensive income	11	19	16	8	(9)	3	(9)	4					54	(11)	
Net (gains) losses on debt securities at fair value through other comprehensive income reclassified to net income	(8)	(22)	(13)	(10)	4	(7)	(3)	1					(53)	(5)	
<b>Net change in debt securities at fair value through other comprehensive income</b>	<b>3</b>	<b>(3)</b>	<b>3</b>	<b>(2)</b>	<b>(5)</b>	<b>(4)</b>	<b>(12)</b>	<b>5</b>					<b>1</b>	<b>(16)</b>	
Net gains (losses) on derivative financial instruments designated as cash flow hedges	(33)	41	(51)	(94)	27	13	–	11	20	42	(29)	–	(137)	51	33
Net (gains) losses on designated derivative financial instruments reclassified to net income	(5)	(3)	(3)	(9)	(14)	(11)	(11)	(10)	(8)	(5)	(7)	(6)	(20)	(46)	(26)
<b>Net change in cash flow hedges</b>	<b>(38)</b>	<b>38</b>	<b>(54)</b>	<b>(103)</b>	<b>13</b>	<b>2</b>	<b>(11)</b>	<b>1</b>	<b>12</b>	<b>37</b>	<b>(36)</b>	<b>(6)</b>	<b>(157)</b>	<b>5</b>	<b>7</b>
<b>Share in the other comprehensive income of associates and joint ventures</b>	<b>(1)</b>	<b>–</b>	<b>3</b>	<b>1</b>	<b>(5)</b>	<b>5</b>	<b>(1)</b>	<b>2</b>	<b>(9)</b>	<b>(1)</b>	<b>–</b>	<b>–</b>	<b>3</b>	<b>1</b>	<b>(10)</b>
<b>Remeasurements of pension plans and other post-employment benefit plans</b>	<b>(13)</b>	<b>(83)</b>	<b>13</b>	<b>(52)</b>	<b>(70)</b>	<b>140</b>	<b>(3)</b>	<b>36</b>	<b>(43)</b>	<b>101</b>	<b>(80)</b>	<b>119</b>	<b>(135)</b>	<b>103</b>	<b>97</b>
<b>Net gains (losses) on equity securities designated at fair value through other comprehensive income</b>	<b>(7)</b>	<b>(9)</b>	<b>1</b>	<b>(6)</b>	<b>(3)</b>	<b>1</b>	<b>(3)</b>	<b>3</b>					<b>(21)</b>	<b>(2)</b>	
<b>Net fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss</b>	<b>13</b>	<b>(3)</b>	<b>(58)</b>	<b>53</b>	<b>6</b>	<b>22</b>	<b>19</b>	<b>(26)</b>	<b>9</b>	<b>26</b>	<b>(41)</b>	<b>(15)</b>	<b>5</b>	<b>21</b>	<b>(21)</b>
<b>Total other comprehensive income, net of income taxes</b>	<b>(51)</b>	<b>(88)</b>	<b>(56)</b>	<b>(116)</b>	<b>(50)</b>	<b>184</b>	<b>46</b>	<b>(40)</b>	<b>14</b>	<b>20</b>	<b>(69)</b>	<b>57</b>	<b>(311)</b>	<b>140</b>	<b>22</b>
<b>Comprehensive income</b>	<b>553</b>	<b>520</b>	<b>502</b>	<b>436</b>	<b>516</b>	<b>753</b>	<b>593</b>	<b>510</b>	<b>539</b>	<b>538</b>	<b>415</b>	<b>554</b>	<b>2,011</b>	<b>2,372</b>	<b>2,046</b>
<b>Comprehensive income attributable to</b>															
Bank shareholders	540	505	480	421	499	729	564	492	518	522	389	537	1,946	2,284	1,966
Non-controlling interests	13	15	22	15	17	24	29	18	21	16	26	17	65	88	80

## Gross Loans and Acceptances, Gross Impaired Loans and Allowances for Credit Losses by Borrower Category<sup>(1)</sup>

(unaudited) (millions of Canadian dollars)

	2019											
	Q4				Q3				Q2			
	Gross loans	Gross impaired loans <sup>(2)</sup>	Allowances for credit losses on impaired loans <sup>(3)</sup>	Provisions for credit losses on impaired loans	Gross loans	Gross impaired loans <sup>(2)</sup>	Allowances for credit losses on impaired loans <sup>(3)</sup>	Provisions for credit losses on impaired loans	Gross loans	Gross impaired loans <sup>(2)</sup>	Allowances for credit losses on impaired loans <sup>(3)</sup>	Provisions for credit losses on impaired loans
			Stage 3				Stage 3				Stage 3	
Residential mortgages <sup>(4)</sup>	74,448	183	28	3	73,083	183	27	3	71,880	190	26	2
Qualifying revolving retail	4,099	24	15	29	4,120	24	15	27	4,141	24	15	28
Other retail <sup>(5)</sup>	11,606	84	49	30	11,755	79	46	29	11,671	85	51	36
Total – Retail	90,153	291	92	62	88,958	286	88	59	87,692	299	92	66
Agriculture	6,308	77	4	(1)	6,194	73	5	(1)	5,991	65	5	(1)
Oil & Gas and Pipelines <sup>(6)</sup>	4,329	63	32	–	4,179	54	53	–	4,017	55	53	6
<i>Oil &amp; Gas</i>	2,742	63	32	–	2,749	54	53	–	2,680	55	53	6
<i>Pipelines &amp; Other</i>	1,587	–	–	–	1,430	–	–	–	1,337	–	–	–
Mining	758	–	–	–	864	–	–	–	777	–	–	–
Utilities	3,372	–	–	–	3,038	–	–	–	3,222	–	–	–
Construction Non-Real Estate <sup>(6)(7)</sup>	1,168	–	–	–	1,238	–	–	–	1,198	1	1	–
Manufacturing <sup>(6)</sup>	6,303	50	28	–	6,198	67	28	8	5,939	45	21	–
Wholesale	2,221	28	10	1	2,284	30	10	(1)	2,651	31	13	6
Retail	3,289	4	2	–	3,308	4	3	–	3,427	6	3	(1)
Transportation <sup>(6)</sup>	1,682	9	1	–	1,561	11	9	–	1,502	13	8	5
Communications	1,614	27	11	4	1,666	20	14	–	1,431	19	15	2
Finance and Insurance	4,335	12	1	–	4,716	13	1	–	4,759	15	1	–
Real Estate and Construction												
Real Estate <sup>(6)(8)</sup>	11,635	32	14	6	11,787	27	8	3	11,332	23	6	(1)
Professional Services	1,846	8	5	2	1,997	8	3	–	1,877	7	3	–
Education & Health Care <sup>(6)</sup>	3,520	62	21	6	3,478	57	13	6	3,376	20	7	–
Other Services	4,937	20	12	(2)	4,786	23	18	–	4,583	27	19	1
Government	1,071	–	–	–	1,014	–	–	–	1,145	–	–	–
Other	4,222	1	1	–	3,509	1	1	(1)	3,243	1	1	1
Total – Non-retail	62,610	393	142	16	61,817	388	166	14	60,470	328	156	18
	152,763	684	234	78	150,775	674	254	73	148,162	627	248	84
Stages 1 and 2 <sup>(9)</sup> – Retail			365	5			361	1			361	(12)
Stages 1, 2 and 3 <sup>(9)</sup> – Non-retail			213	3			209	12			198	9
Purchased or originated credit-impaired (POCI)	1,166	1,166	(57)	3	1,260	1,260	(59)	–	1,263	1,263	(60)	3
<b>Total</b>	<b>153,929</b>	<b>1,850</b>	<b>755</b>	<b>89</b>	<b>152,035</b>	<b>1,934</b>	<b>765</b>	<b>86</b>	<b>149,425</b>	<b>1,890</b>	<b>747</b>	<b>84</b>

(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<sup>(1)</sup> (continued)

(unaudited) (millions of Canadian dollars)

	2019				2018				2018			
	Q1				Q4				Q3			
	Gross loans	Gross impaired loans <sup>(2)</sup>	Allowances for credit losses on impaired loans <sup>(3)</sup> Stage 3	Provisions for credit losses on impaired loans	Gross loans	Gross impaired loans <sup>(2)</sup>	Allowances for credit losses on impaired loans <sup>(3)</sup> Stage 3	Provisions for credit losses on impaired loans	Gross loans	Gross impaired loans <sup>(2)</sup>	Allowances for credit losses on impaired loans <sup>(3)</sup> Stage 3	Provisions for credit losses on impaired loans
Residential mortgages <sup>(4)</sup>	71,197	196	24	2	70,591	190	22	2	69,207	180	22	2
Qualifying revolving retail	4,101	24	15	28	4,211	23	14	28	4,185	23	13	26
Other retail <sup>(5)</sup>	11,716	89	52	44	12,246	91	53	44	12,055	86	50	44
<b>Total – Retail</b>	<b>87,014</b>	<b>309</b>	<b>91</b>	<b>74</b>	<b>87,048</b>	<b>304</b>	<b>89</b>	<b>74</b>	<b>85,447</b>	<b>289</b>	<b>85</b>	<b>72</b>
Agriculture	5,855	49	6	–	5,759	63	7	2	5,628	45	5	–
Oil & Gas and Pipelines <sup>(6)</sup>	4,436	55	51	(2)	4,056	97	53	2	3,872	102	53	–
<i>Oil &amp; Gas</i>	2,740	55	51	(2)	2,506	97	53	2	2,419	102	53	–
<i>Pipelines &amp; Other</i>	1,696	–	–	–	1,550	–	–	–	1,453	–	–	–
Mining	996	–	–	–	1,032	–	–	–	868	–	–	–
Utilities	2,809	–	–	–	2,715	–	–	–	2,567	–	–	–
Construction Non-Real Estate <sup>(6)(7)</sup>	998	–	–	–	1,049	1	1	–	1,213	–	–	–
Manufacturing <sup>(6)</sup>	5,342	46	21	(1)	5,303	48	22	–	5,138	53	21	11
Wholesale	2,179	7	7	1	2,163	13	6	(1)	2,183	9	7	–
Retail	3,447	7	4	–	3,069	11	4	–	3,053	12	9	–
Transportation <sup>(6)</sup>	1,455	14	3	2	1,452	2	1	1	1,446	1	–	–
Communications	1,541	19	13	(1)	1,597	19	12	1	1,655	16	10	3
Finance and Insurance	4,756	19	1	–	4,732	19	1	–	4,867	24	1	–
Real Estate and Construction												
Real Estate <sup>(6)(8)</sup>	11,009	24	7	2	11,629	18	5	1	10,888	23	6	–
Professional Services	1,710	7	1	(1)	1,582	6	3	1	1,559	6	3	1
Education & Health Care <sup>(6)</sup>	3,456	20	7	2	3,284	4	4	4	3,298	19	–	–
Other Services	4,719	26	17	–	4,715	24	17	1	4,820	30	16	3
Government	1,369	–	–	–	1,445	–	–	–	1,421	–	–	–
Other	2,888	1	1	1	2,534	1	1	(3)	2,238	1	1	–
<b>Total – Non-retail</b>	<b>58,965</b>	<b>294</b>	<b>139</b>	<b>3</b>	<b>58,116</b>	<b>326</b>	<b>137</b>	<b>9</b>	<b>56,714</b>	<b>341</b>	<b>132</b>	<b>18</b>
<b>Total</b>	<b>145,979</b>	<b>603</b>	<b>230</b>	<b>77</b>	<b>145,164</b>	<b>630</b>	<b>226</b>	<b>83</b>	<b>142,161</b>	<b>630</b>	<b>217</b>	<b>90</b>
Stages 1 and 2 <sup>(9)</sup> – Retail			371	(11)			382	7			373	(16)
Stages 1, 2 and 3 <sup>(9)</sup> – Non-retail			189	18			172	(2)			174	11
Purchased or originated credit-impaired (POCI)	1,395	1,395	(62)	4	1,576	1,576	(66)	(15)	1,333	1,333	(44)	(9)
<b>Total</b>	<b>147,374</b>	<b>1,998</b>	<b>728</b>	<b>88</b>	<b>146,740</b>	<b>2,206</b>	<b>714</b>	<b>73</b>	<b>143,494</b>	<b>1,963</b>	<b>720</b>	<b>76</b>

(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 Portfolios Information

(unaudited) (millions of Canadian dollars)

Q4 2019														
	Residential Mortgages Portfolios								Average LTV for mortgages originated and acquired during the quarter <sup>(1)</sup>		Residential Mortgages <sup>(2)</sup> exposure groups by LTV buckets <sup>(3)(4)</sup>		Residential Mortgage Portfolios (remaining amortization) <sup>(5)(6)</sup>	
	Insured		Uninsured		HELOC		Total		Uninsured <sup>(7)</sup>	HELOC <sup>(8)</sup>	Canada		Canada	
Quebec	12,554	17.8%	11,214	15.9%	14,616	20.8%	38,384	54.5%	71%	71%	30 % or less	5.2%	0 - 20 years	26.0%
Ontario	7,245	10.3%	5,845	8.3%	5,437	7.7%	18,527	26.3%	70%	63%	31 % - 60 %	32.9%	20 - 25 years	51.9%
Alberta	3,717	5.3%	794	1.1%	906	1.3%	5,417	7.7%	72%	67%	61 % - 70 %	20.5%	25 - 30 years	21.3%
British Columbia	2,035	2.9%	1,150	1.7%	1,369	1.9%	4,534	6.5%	65%	60%	71 % - 80 %	25.1%	30 - 35 years	0.8%
New Brunswick	575	0.8%	308	0.4%	251	0.4%	1,134	1.6%	75%	74%	81 % - 90 %	8.6%	35 years and +	0.0%
Saskatchewan	729	1.0%	131	0.2%	191	0.3%	1,051	1.5%	71%	74%	91 % - 95 %	3.8%	Total	100.0%
Manitoba	334	0.5%	88	0.1%	143	0.2%	565	0.8%	72%	70%	96 % or more	3.9%		
Other Canadian provinces <sup>(7)</sup>	504	0.7%	121	0.2%	130	0.2%	755	1.1%	73%	68%	Total	100.0%		
USA, Cambodia and Others	27,693	39.3%	19,651	27.9%	23,043	32.8%	70,387	100.0%	71%	68%				
Other residential mortgages <sup>(8)</sup>	2,289		4,061				4,061							
	29,982	37.4%	27,189	33.9%	23,043	29.2%	80,214	100.0%						

Q3 2019														
	Residential Mortgages Portfolios								Average LTV for mortgages originated and acquired during the quarter <sup>(1)</sup>		Residential Mortgages <sup>(2)</sup> exposure groups by LTV buckets <sup>(3)(4)</sup>		Residential Mortgage Portfolios (remaining amortization) <sup>(5)(6)</sup>	
	Insured		Uninsured		HELOC		Total		Uninsured <sup>(7)</sup>	HELOC <sup>(8)</sup>	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%	61%	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 <sup>(7)</sup>	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 <sup>(8)</sup>	2,214		3,745				3,745							
	29,897	38.0%	26,085	33.1%	22,762	29.2%	78,744	100.0%						

Q2 2019														
	Residential Mortgages Portfolios								Average LTV for mortgages originated and acquired during the quarter <sup>(1)</sup>		Residential Mortgages <sup>(2)</sup> exposure groups by LTV buckets <sup>(3)(4)</sup>		Residential Mortgage Portfolios (remaining amortization) <sup>(5)(6)</sup>	
	Insured		Uninsured		HELOC		Total		Uninsured <sup>(7)</sup>	HELOC <sup>(8)</sup>	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 <sup>(7)</sup>	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 <sup>(8)</sup>	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 Portfolios								Average LTV for mortgages originated and acquired during the quarter <sup>(1)</sup>		Residential Mortgages <sup>(2)</sup> exposure groups by LTV buckets <sup>(3)(4)</sup>		Residential Mortgage Portfolios (remaining amortization) <sup>(5)(6)</sup>	
	Insured		Uninsured		HELOC		Total		Uninsured <sup>(7)</sup>	HELOC <sup>(8)</sup>	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 <sup>(7)</sup>	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 <sup>(8)</sup>	1,828		3,292				3,292							
	29,780	39.0%	24,351	31.9%	22,181	29.2%	76,312	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 Portfolios Information (continued)

(unaudited) (millions of Canadian dollars)

Q4 2018														
	Residential Mortgages Portfolios								Average LTV for mortgages originated and acquired during the quarter <sup>(1)</sup>		Residential Mortgages <sup>(2)</sup> exposure groups by LTV buckets <sup>(3)(4)</sup>		Residential Mortgages Portfolios (remaining amortization) <sup>(5)(4)</sup>	
	Insured		Uninsured		HELOC		Total		Uninsured <sup>(5)</sup>	HELOC <sup>(6)</sup>	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%	67%	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%		
Others Canadian provinces <sup>(7)</sup>	463	0.7%	109	0.2%	124	0.1%	696	1.0%	72%	68%	Total	100.0%		
<b>USA, Cambodia and Others</b>	<b>28,098</b>	<b>41.6%</b>	<b>17,347</b>	<b>25.7%</b>	<b>22,122</b>	<b>32.7%</b>	<b>67,567</b>	<b>100.0%</b>	<b>69%</b>	<b>66%</b>				
Other residential mortgages <sup>(8)</sup>	1,813		3,024				3,024							
	<b>29,911</b>	<b>39.5%</b>	<b>23,740</b>	<b>31.3%</b>	<b>22,122</b>	<b>29.2%</b>	<b>75,773</b>	<b>100.0%</b>						

  

Q3 2018														
	Residential Mortgages Portfolios								Average LTV for mortgages originated and acquired during the quarter <sup>(1)</sup>		Residential Mortgages <sup>(2)</sup> exposure groups by LTV buckets <sup>(3)(4)</sup>		Residential Mortgages Portfolios (remaining amortization) <sup>(5)(4)</sup>	
	Insured		Uninsured		HELOC		Total		Uninsured <sup>(5)</sup>	HELOC <sup>(6)</sup>	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 <sup>(7)</sup>	442	0.6%	106	0.2%	121	0.2%	669	1.0%	71%	69%	Total	100.0%		
<b>USA, Cambodia and Others</b>	<b>28,207</b>	<b>42.3%</b>	<b>16,760</b>	<b>25.1%</b>	<b>21,715</b>	<b>32.6%</b>	<b>66,682</b>	<b>100.0%</b>	<b>70%</b>	<b>66%</b>				
Other residential mortgages <sup>(8)</sup>	1,790		2,525				2,525							
	<b>29,997</b>	<b>40.3%</b>	<b>22,734</b>	<b>30.5%</b>	<b>21,715</b>	<b>29.2%</b>	<b>74,446</b>	<b>100.0%</b>						

  

Q2 2018														
	Residential Mortgages Portfolios								Average LTV for mortgages originated and acquired during the quarter <sup>(1)</sup>		Residential Mortgages <sup>(2)</sup> exposure groups by LTV buckets <sup>(3)(4)</sup>		Residential Mortgages Portfolios (remaining amortization) <sup>(5)(4)</sup>	
	Insured		Uninsured		HELOC		Total		Uninsured <sup>(5)</sup>	HELOC <sup>(6)</sup>	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%	66%	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 <sup>(7)</sup>	424	0.6%	100	0.2%	119	0.2%	643	1.0%	72%	68%	Total	100.0%		
<b>USA, Cambodia and Others</b>	<b>28,257</b>	<b>43.2%</b>	<b>16,016</b>	<b>24.5%</b>	<b>21,168</b>	<b>32.3%</b>	<b>65,441</b>	<b>100.0%</b>	<b>70%</b>	<b>65%</b>				
Other residential mortgages <sup>(8)</sup>	1,768		2,349				2,349							
	<b>30,025</b>	<b>41.1%</b>	<b>21,849</b>	<b>29.9%</b>	<b>21,168</b>	<b>29.0%</b>	<b>73,042</b>	<b>100.0%</b>						

  

Q1 2018														
	Residential Mortgages Portfolios								Average LTV for mortgages originated and acquired during the quarter <sup>(1)</sup>		Residential Mortgages <sup>(2)</sup> exposure groups by LTV buckets <sup>(3)(4)</sup>		Residential Mortgages Portfolios (remaining amortization) <sup>(5)(4)</sup>	
	Insured		Uninsured		HELOC		Total		Uninsured <sup>(5)</sup>	HELOC <sup>(6)</sup>	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 <sup>(7)</sup>	416	0.6%	98	0.2%	119	0.2%	633	1.0%	72%	68%	Total	100.0%		
<b>USA, Cambodia and Others</b>	<b>28,654</b>	<b>44.0%</b>	<b>15,591</b>	<b>24.0%</b>	<b>20,822</b>	<b>32.0%</b>	<b>65,067</b>	<b>100.0%</b>	<b>70%</b>	<b>65%</b>				
Other residential mortgages <sup>(8)</sup>	1,732		2,086				2,086							
	<b>30,386</b>	<b>42.0%</b>	<b>21,163</b>	<b>29.2%</b>	<b>20,822</b>	<b>28.8%</b>	<b>72,371</b>	<b>100.0%</b>						

(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.

## Geographic Distribution of Gross Loans and Acceptances, Gross Impaired Loans and Allowances for Credit Losses<sup>(1)</sup>

(unaudited) (millions of Canadian dollars)

	2019								
	Q4			Q3			Q2		
	Gross loans <sup>(2)</sup>	Gross impaired loans <sup>(3)</sup>	Allowance for credit losses on impaired loans <sup>(4)</sup>	Gross loans <sup>(2)</sup>	Gross impaired loans <sup>(3)</sup>	Allowance for credit losses on impaired loans <sup>(4)</sup>	Gross loans <sup>(2)</sup>	Gross impaired loans <sup>(3)</sup>	Allowance for credit losses on impaired loans <sup>(4)</sup>
			Stage 3			Stage 3			Stage 3
<b>Canada</b>									
Residential mortgages <sup>(5)</sup>	70,387	156	14	69,338	156	14	68,300	166	14
Qualifying revolving retail	4,099	24	15	4,120	24	15	4,141	24	15
Other retail <sup>(6)</sup>	10,156	74	41	10,294	69	38	10,294	73	42
Non-Retail <sup>(7)</sup>	56,915	346	118	56,631	338	159	54,890	320	156
	<b>141,557</b>	<b>600</b>	<b>188</b>	<b>140,383</b>	<b>587</b>	<b>226</b>	<b>137,625</b>	<b>583</b>	<b>227</b>
<b>United States</b>									
Residential mortgages <sup>(5)</sup>	838	6	1	843	6	1	884	6	2
Qualifying revolving retail	-	-	-	-	-	-	-	-	-
Other retail <sup>(6)</sup>	1,402	8	7	1,414	8	7	1,327	10	8
Non-Retail <sup>(7)</sup>	4,894	47	24	4,381	50	7	4,829	8	-
	<b>7,134</b>	<b>61</b>	<b>32</b>	<b>6,638</b>	<b>64</b>	<b>15</b>	<b>7,040</b>	<b>24</b>	<b>10</b>
<b>Europe</b>									
Non-Retail <sup>(7)</sup>	408	-	-	413	-	-	370	-	-
<b>Others</b>									
Residential mortgages <sup>(5)</sup>	3,223	21	13	2,902	21	12	2,696	18	10
Qualifying revolving retail	-	-	-	-	-	-	-	-	-
Other retail <sup>(6)</sup>	48	2	1	47	2	1	50	2	1
Non-Retail <sup>(7)</sup>	393	-	-	392	-	-	381	-	-
	<b>3,664</b>	<b>23</b>	<b>14</b>	<b>3,341</b>	<b>23</b>	<b>13</b>	<b>3,127</b>	<b>20</b>	<b>11</b>
	<b>152,763</b>	<b>684</b>	<b>234</b>	<b>150,775</b>	<b>674</b>	<b>254</b>	<b>148,162</b>	<b>627</b>	<b>248</b>
Stages 1 and 2 <sup>(8)</sup> – Retail			365			361			361
Stages 1, 2 and 3 <sup>(8)</sup> – Non-retail			213			209			198
POCI loans	1,166	1,166	(57)	1,260	1,260	(59)	1,263	1,263	(60)
	<b>153,929</b>	<b>1,850</b>	<b>755</b>	<b>152,035</b>	<b>1,934</b>	<b>765</b>	<b>149,425</b>	<b>1,890</b>	<b>747</b>
	2018								
	Q1			Q4			Q3		
	Gross loans <sup>(2)</sup>	Gross impaired loans <sup>(3)</sup>	Allowance for credit losses on impaired loans <sup>(4)</sup>	Gross loans <sup>(2)</sup>	Gross impaired loans <sup>(3)</sup>	Allowance for credit losses on impaired loans <sup>(4)</sup>	Gross loans <sup>(2)</sup>	Gross impaired loans <sup>(3)</sup>	Allowance for credit losses on impaired loans <sup>(4)</sup>
			Stage 3			Stage 3			Stage 3
<b>Canada</b>									
Residential mortgages <sup>(5)</sup>	67,905	173	13	67,567	167	13	66,682	159	13
Qualifying revolving retail	4,101	24	15	4,211	23	14	4,185	23	13
Other retail <sup>(6)</sup>	10,301	75	41	10,716	77	41	10,599	74	40
Non-Retail <sup>(7)</sup>	53,536	286	139	53,029	317	137	51,528	334	132
	<b>135,843</b>	<b>558</b>	<b>208</b>	<b>135,523</b>	<b>584</b>	<b>205</b>	<b>132,994</b>	<b>590</b>	<b>198</b>
<b>United States</b>									
Residential mortgages <sup>(5)</sup>	882	6	2	907	6	1	615	6	2
Qualifying revolving retail	-	-	-	-	-	-	-	-	-
Other retail <sup>(6)</sup>	1,362	12	10	1,470	13	11	1,395	11	9
Non-Retail <sup>(7)</sup>	4,876	8	-	4,481	9	-	4,510	7	-
	<b>7,120</b>	<b>26</b>	<b>12</b>	<b>6,858</b>	<b>28</b>	<b>12</b>	<b>6,520</b>	<b>24</b>	<b>11</b>
<b>Europe</b>									
Non-Retail <sup>(7)</sup>	271	-	-	288	-	-	352	-	-
<b>Others</b>									
Residential mortgages <sup>(5)</sup>	2,410	17	9	2,117	17	8	1,910	15	7
Qualifying revolving retail	-	-	-	-	-	-	-	-	-
Other retail <sup>(6)</sup>	53	2	1	60	1	1	61	1	1
Non-Retail <sup>(7)</sup>	282	-	-	318	-	-	324	-	-
	<b>2,745</b>	<b>19</b>	<b>10</b>	<b>2,495</b>	<b>18</b>	<b>9</b>	<b>2,295</b>	<b>16</b>	<b>8</b>
	<b>145,979</b>	<b>603</b>	<b>230</b>	<b>145,164</b>	<b>630</b>	<b>226</b>	<b>142,161</b>	<b>630</b>	<b>217</b>
Stages 1 and 2 <sup>(8)</sup> – Retail			371			382			373
Stages 1, 2 and 3 <sup>(8)</sup> – Non-retail			189			172			174
POCI loans	1,395	1,395	(62)	1,576	1,576	(66)	1,333	1,333	(44)
	<b>147,374</b>	<b>1,998</b>	<b>728</b>	<b>146,740</b>	<b>2,206</b>	<b>714</b>	<b>143,494</b>	<b>1,963</b>	<b>720</b>

(1) Geographic information based on borrower address (country).

(2) Gross loans comprise securitized assets.

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

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

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

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

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

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

## Impaired Loans by Business Segment<sup>(1)</sup>

(unaudited) (millions of Canadian dollars)

	IFRS 9								IAS 39			
	2019				2018				2017			
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
<b>Gross Impaired Loans<sup>(2)</sup></b>												
Personal and Commercial												
Personal Banking	256	250	264	274	266	257	256	259	129	133	139	142
Commercial Banking	351	338	312	277	322	336	298	276	242	305	271	290
Wealth Management	5	4	5	5	5	3	3	5	1	1	1	1
Financial Markets	36	46	10	10	1	1	1	1	1	6	6	6
U.S. Specialty Finance and International												
Credigy	14	14	16	18	18	17	16	29	–	–	–	–
ABA Bank	22	22	20	19	18	16	12	12	7	15	5	3
Other	–	–	–	–	–	–	–	–	–	–	–	–
	<b>684</b>	<b>674</b>	<b>627</b>	<b>603</b>	<b>630</b>	<b>630</b>	<b>586</b>	<b>582</b>	<b>380</b>	<b>460</b>	<b>422</b>	<b>442</b>
<b>As a % of total loans and acceptances</b>	<b>0.44%</b>	<b>0.44%</b>	<b>0.42%</b>	<b>0.41%</b>	<b>0.43%</b>	<b>0.44%</b>	<b>0.42%</b>	<b>0.42%</b>	<b>0.28%</b>	<b>0.34%</b>	<b>0.32%</b>	<b>0.34%</b>

	IFRS 9								IAS 39			
	2019				2018				2017			
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
<b>Net Impaired Loans<sup>(2)(3)</sup></b>												
Personal and Commercial												
Personal Banking	187	183	193	205	199	191	193	199	81	84	91	92
Commercial Banking	222	187	164	142	187	207	176	156	121	144	119	131
Wealth Management	3	2	3	3	3	1	1	3	1	1	1	1
Financial Markets	23	33	3	7	–	–	–	–	–	–	–	–
U.S. Specialty Finance and International												
Credigy	6	6	7	7	6	6	6	6	–	–	–	–
ABA Bank	9	9	9	9	9	8	6	7	3	11	2	2
Other	–	–	–	–	–	–	–	–	–	–	–	–
	<b>450</b>	<b>420</b>	<b>379</b>	<b>373</b>	<b>404</b>	<b>413</b>	<b>382</b>	<b>371</b>	<b>206</b>	<b>240</b>	<b>213</b>	<b>226</b>
<b>As a % of total loans and acceptances</b>	<b>0.29%</b>	<b>0.28%</b>	<b>0.25%</b>	<b>0.25%</b>	<b>0.28%</b>	<b>0.29%</b>	<b>0.27%</b>	<b>0.27%</b>	<b>0.15%</b>	<b>0.18%</b>	<b>0.16%</b>	<b>0.17%</b>
Allowances for credit losses – Stages 1 and 2 <sup>(4)</sup>	(577)	(568)	(559)	(560)	(553)	(546)	(549)	(532)				
Allowances for credit losses on impaired loans - Off-balance-sheet and Undrawn commitments – Stage 3	(1)	(2)	–	–	(1)	(1)	(1)	(1)				
Allowances for credit losses on POCI loans	57	59	60	62	66	44	34	28				
Sectoral allowance on performing loans – Oil & Gas <sup>(5)</sup>									(139)	(141)	(147)	(204)
Collective allowance on performing loans <sup>(6)</sup>									(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<sup>(1)</sup>

(unaudited) (millions of Canadian dollars)

	IFRS 9								IAS 39				IFRS 9		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
<b>Formation of Gross Impaired Loans<sup>(2)</sup> (by sector)</b>															
<b>Balance at beginning</b>	674	627	603	630	630	586	582	599	460	422	442	492	630	599	492
<b>Write-offs</b>															
Personal and Commercial															
Personal Banking	(20)	(22)	(21)	(22)	(23)	(19)	(18)	(19)	(23)	(20)	(22)	(21)	(85)	(79)	(86)
Credit card	(28)	(26)	(25)	(25)	(24)	(24)	(25)	(25)					(104)	(98)	
Commercial Banking	(34)	(5)	(5)	(2)	(10)	(10)	(8)	(37)	(58)	(2)	(33)	(10)	(46)	(65)	(103)
Wealth Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Markets	(6)	-	-	-	-	-	-	-	(5)	-	-	-	(6)	-	(5)
U.S. Specialty Finance and International															
Credigy	(20)	(25)	(29)	(36)	(32)	(35)	(33)	(25)	-	-	-	-	(110)	(125)	-
ABA Bank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(108)</b>	<b>(78)</b>	<b>(80)</b>	<b>(85)</b>	<b>(89)</b>	<b>(88)</b>	<b>(84)</b>	<b>(106)</b>	<b>(86)</b>	<b>(22)</b>	<b>(55)</b>	<b>(31)</b>	<b>(351)</b>	<b>(367)</b>	<b>(194)</b>
<b>Formation</b>															
Personal and Commercial															
Personal Banking	26	8	11	30	32	20	15	24	19	14	19	23	75	91	75
Credit card	28	26	25	25	24	24	25	25					104	98	
Commercial Banking	47	31	40	(43)	(4)	48	30	8	(5)	36	14	(43)	75	82	2
Wealth Management	1	(1)	-	-	2	-	(2)	1	-	-	-	-	-	1	-
Financial Markets	(4)	36	-	9	-	-	-	-	-	-	-	-	41	-	-
U.S. Specialty Finance and International															
Credigy	20	23	27	36	33	36	20	27	-	-	-	-	106	116	-
ABA Bank	-	2	1	1	2	4	-	4	(8)	10	2	1	4	10	5
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>118</b>	<b>125</b>	<b>104</b>	<b>58</b>	<b>89</b>	<b>132</b>	<b>88</b>	<b>89</b>	<b>6</b>	<b>60</b>	<b>35</b>	<b>(19)</b>	<b>405</b>	<b>398</b>	<b>82</b>
<b>Balance at end</b>	<b>684</b>	<b>674</b>	<b>627</b>	<b>603</b>	<b>630</b>	<b>630</b>	<b>586</b>	<b>582</b>	<b>380</b>	<b>460</b>	<b>422</b>	<b>442</b>	<b>684</b>	<b>630</b>	<b>380</b>

	IFRS 9								IAS 39				IFRS 9		IAS 39
	2019				2018				2017				YTD		
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
<b>Formation of Gross Impaired Loans<sup>(2)</sup> (by activity)</b>															
<b>Balance at beginning</b>	674	627	603	630	630	586	582	599	460	422	442	492	630	599	492
Classified as credit-impaired during the period	264	256	205	234	251	246	231	227	132	159	192	79	959	955	562
Transferred to performing loans during the period	(36)	(53)	(40)	(53)	(54)	(45)	(27)	(25)	(4)	(4)	(5)	(5)	(182)	(151)	(18)
Net repayments	(110)	(78)	(61)	(123)	(108)	(70)	(103)	(105)	(86)	(60)	(121)	(60)	(372)	(386)	(327)
Disposals of loans	-	-	-	-	-	-	(15)	-	-	-	-	-	-	(15)	-
Write-offs	(108)	(78)	(80)	(85)	(89)	(88)	(84)	(106)	(126)	(57)	(87)	(61)	(351)	(367)	(331)
Exchange and other movements	-	-	-	-	-	1	2	(8)	4	-	1	(3)	-	(5)	2
	<b>684</b>	<b>674</b>	<b>627</b>	<b>603</b>	<b>630</b>	<b>630</b>	<b>586</b>	<b>582</b>	<b>380</b>	<b>460</b>	<b>422</b>	<b>442</b>	<b>684</b>	<b>630</b>	<b>380</b>

(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
	Q4					Q3	Q2	Q1					2018	
	Allowances for credit losses on non-impaired loans		Allowances for credit losses on impaired loans											
Stage 1	Stage 2	Stage 3	POCI	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
<b>Balance at beginning</b>	232	336	256	(59)	765	747	728	714	720	720	716	735	735	
Originations or purchases	25	-	-	-	25	27	24	26	28	23	23	28	102	
Transfers <sup>(1)</sup> :														
To Stage 1	49	(46)	(3)	-	-	-	-	-	-	-	-	-	-	
To Stage 2	(11)	15	(4)	-	-	-	-	-	-	-	-	-	-	
To Stage 3	(1)	(31)	32	-	-	-	-	-	-	-	-	-	-	
Net remeasurement of loss allowances <sup>(2)</sup>	(45)	69	56	3	83	68	71	78	74	87	93	81	335	
Derecognitions <sup>(3)</sup>	(8)	(7)	(4)	-	(19)	(14)	(11)	(16)	(25)	(29)	(25)	(22)	(101)	
Changes to models	-	-	-	-	-	5	-	-	(4)	(5)	-	-	(9)	
Provisions for credit losses	9	-	77	3	89	86	84	88	73	76	91	87	327	
Write-offs	-	-	(108)	-	(108)	(78)	(80)	(85)	(89)	(88)	(84)	(106)	(367)	
Disposals	-	-	-	(1)	(1)	-	-	-	(6)	-	(18)	-	(24)	
Recoveries	-	-	13	-	13	13	14	12	15	11	10	9	45	
Foreign exchange movements and other	-	-	(3)	-	(3)	(3)	1	(1)	1	1	5	(9)	(2)	
<b>Balance at end</b>	<b>241</b>	<b>336</b>	<b>235</b>	<b>(57)</b>	<b>755</b>	<b>765</b>	<b>747</b>	<b>728</b>	<b>714</b>	<b>720</b>	<b>720</b>	<b>716</b>	<b>714</b>	
<b>Total allowances for credit losses</b>														
Loans and acceptances at amortized cost														
Amounts drawn	185	316	234	(57)	678	687	683	664	658	658	666	663	658	
Undrawn commitments <sup>(4)</sup>	47	18	1	-	66	68	57	56	49	54	47	47	49	
Other <sup>(5)</sup>	9	2	-	-	11	10	7	8	7	8	7	6	7	
	<b>241</b>	<b>336</b>	<b>235</b>	<b>(57)</b>	<b>755</b>	<b>765</b>	<b>747</b>	<b>728</b>	<b>714</b>	<b>720</b>	<b>720</b>	<b>716</b>	<b>714</b>	

	IAS 39				
	2017				Full Year
	Q4	Q3	Q2	Q1	2017
<b>Allowances for Credit Losses</b>					
<b>Allowances at beginning</b>	<b>735</b>	<b>735</b>	<b>769</b>	<b>769</b>	<b>769</b>
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) <sup>(6)</sup>	70	58	56	60	244
Disposals of loans	-	-	-	-	-
Foreign exchange movements and other <sup>(7)</sup>	10	(6)	(10)	(5)	(11)
<b>Allowances at end</b>	<b>695</b>	<b>735</b>	<b>735</b>	<b>769</b>	<b>695</b>

(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		IAS 39
		2019				2018				2017				YTD		
		Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2019	2018	2017
<b>Personal and Commercial</b>																
Personal Banking:	Stage 3	21	15	20	21	22	18	19	15	18	19	17	17	77	74	71
	Stages 1 and 2	4	3	(2)	(2)	1	(2)	1	7					3	7	
		25	18	18	19	23	16	20	22	18	19	17	17	80	81	71
Credit card:	Stage 3	22	23	22	22	20	21	22	21	19	21	21	21	89	84	82
	Stages 1 and 2	3	(1)	3	-	-	(2)	2	2					5	2	
		25	22	25	22	20	19	24	23	19	21	21	21	94	86	82
Commercial Banking <sup>(1)</sup> :	Stage 3	11	9	14	1	9	17	6	8	14	6	8	15	35	40	43
	Stages 1 and 2	(2)	8	6	16	-	9	7	5			(40)		28	21	(40)
		9	17	20	17	9	26	13	13	14	6	(32)	15	63	61	3
<b>Wealth Management</b>																
	Stage 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Stages 1 and 2	-	-	-	-	-	-	1	-					-	1	
		-	-	-	-	-	-	1	-	-	-	-	-	-	1	-
<b>Financial Markets</b>																
	Stage 3	5	6	5	2	-	-	-	-	-	-	-	-	18	-	-
	Stages 1 and 2	5	4	2	1	-	2	2	-					12	4	
		10	10	7	3	-	2	2	-	-	-	-	-	30	4	-
<b>U.S. Specialty Finance and International</b>																
Credigy:	Stage 3	17	20	22	30	30	33	30	27	18	11	9	6	89	120	44
	Stages 1 and 2	(2)	(5)	(13)	(11)	3	(15)	(2)	4					(31)	(10)	
	POCI	3	-	3	4	(15)	(9)	-	(5)					10	(29)	
		18	15	12	23	18	9	28	26	18	11	9	6	68	81	44
ABA Bank:	Stage 3	1	2	1	1	2	1	1	2	1	1	1	1	5	6	4
	Stages 1 and 2	1	2	1	3	2	2	2	1					7	7	
		2	4	2	4	4	3	3	3	1	1	1	1	12	13	4
<b>Other<sup>(2)</sup></b>																
	Stage 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Stages 1 and 2	-	-	-	-	(1)	1	-	-			40		-	-	40
		-	-	-	-	(1)	1	-	-	-	-	40	-	-	-	40
		<b>89</b>	<b>86</b>	<b>84</b>	<b>88</b>	<b>73</b>	<b>76</b>	<b>91</b>	<b>87</b>	<b>70</b>	<b>58</b>	<b>56</b>	<b>60</b>	<b>347</b>	<b>327</b>	<b>244</b>

(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			
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
<b>Under Basel III</b>								
<b>Foreign Exchange Related Contracts</b>								
Swaps	312,424	275,023	222,550	205,928	201,116	209,335	203,973	182,228
Options								
- purchased	11,536	10,867	9,518	9,635	9,516	7,664	9,324	7,258
- sold	13,566	11,802	11,978	11,246	11,121	8,016	8,055	6,532
Exchange traded and OTC futures contracts	30,226	32,157	33,337	31,358	34,488	29,495	30,853	29,000
Total notional amount	367,752	329,849	277,383	258,167	256,241	254,510	252,205	225,018
Replacement cost - net <sup>(1)</sup>	672	788	893	834	1,994	1,804	2,181	2,302
Future credit risk	2,592	2,525	2,240	2,063	1,949	1,863	1,995	1,895
Credit equivalent <sup>(2)</sup>	4,570	4,637	4,386	4,056	3,943	3,667	4,176	4,197
Risk-weighted equivalent <sup>(3)</sup>	1,436	1,672	1,773	1,636	1,215	1,169	1,456	1,388
<b>Interest Rate Related Contracts</b>								
Swaps	732,094	617,315	513,080	493,096	558,757	519,116	487,593	460,603
Options								
- purchased	28,846	34,450	41,413	24,612	38,243	39,281	30,577	28,113
- sold	10,309	6,743	17,653	2,116	8,835	22,510	14,488	10,350
Exchange traded and OTC futures contracts	7,008	7,433	5,783	3,692	5,254	5,201	4,958	5,269
Total notional amount	778,257	665,941	577,929	523,516	611,089	586,108	537,616	504,335
Replacement cost - net <sup>(1)</sup>	941	877	690	531	1,324	2,128	1,987	1,548
Future credit risk	1,143	1,380	1,313	1,400	1,672	1,841	1,859	3,318
Credit equivalent <sup>(2)</sup>	2,918	3,160	2,804	2,703	2,996	3,969	3,846	4,866
Risk-weighted equivalent <sup>(3)</sup>	918	1,121	993	834	406	359	405	566
<b>Financial Futures</b>								
Total notional amount	84,857	100,491	53,314	103,217	75,518	80,369	86,407	90,467
<b>Equity and Commodity Contracts</b>								
Total notional amount	101,308	92,074	92,033	68,188	79,003	63,930	64,736	69,357
Replacement cost - net <sup>(1)</sup>	570	577	610	446	3,110	1,854	1,906	1,937
Future credit risk	4,195	3,688	3,624	2,575	3,701	2,745	2,817	2,889
Credit equivalent <sup>(2)</sup>	6,671	5,971	5,928	4,229	6,811	4,599	4,723	4,826
Risk-weighted equivalent <sup>(3)</sup>	1,057	1,082	1,129	775	549	472	467	442
<b>Credit Derivatives</b>								
Total notional amount (trading only)	5,837	4,736	3,941	2,195	1,872	2,315	2,389	1,737
Total Return Swap Notional Amount <sup>(4)</sup>	142	150	162	161	162	171	173	191
Replacement cost - net <sup>(1)</sup>	-	-	-	-	11	6	7	9
Future credit risk	9	6	7	8	13	13	13	15
Credit equivalent <sup>(2)</sup>	13	8	10	11	24	19	20	24
Risk-weighted equivalent <sup>(3)</sup>	1	1	1	1	23	46	44	2
<b>Total Derivatives</b>								
Total notional amount	1,338,153	1,193,241	1,004,762	955,444	1,023,885	987,403	943,526	891,105
Replacement cost - net <sup>(1)</sup>	2,183	2,242	2,193	1,811	6,439	5,792	6,081	5,796
Future credit risk	7,939	7,599	7,184	6,046	7,335	6,462	6,684	8,117
Credit equivalent <sup>(2)</sup>	14,172	13,776	13,128	10,999	13,774	12,254	12,765	13,913
Risk-weighted equivalent <sup>(3)</sup>	3,412	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<sup>(1)</sup>

(unaudited) (millions of Canadian dollars)

	2019								
	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	106,057	589,499	167,557	127,796	466,555	172,081	64,971	361,291	204,980
Foreign exchange contracts	11	–	367,742	323	–	329,526	124	–	277,260
Equity, commodity and credit derivative contracts	26,986	6,278	74,023	22,960	5,074	68,926	24,448	4,425	67,263

	2019			2018					
	Q1			Q4			Q3		
	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	112,969	345,851	167,912	104,705	375,829	185,943	117,926	349,366	156,731
Foreign exchange contracts	36	–	258,131	540	–	253,970	153	–	252,052
Equity, commodity and credit derivative contracts	18,442	2,734	49,369	19,345	2,734	44,337	21,586	2,418	43,294

(1) Notional amounts.

## Composition of Regulatory Capital

(unaudited) (millions of Canadian dollars)

		2019				2018			
		Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
<b>Common Equity Tier 1 capital: instruments and reserves</b>									
1	Directly issued qualifying common share capital plus related contributed surplus <sup>(1)</sup>	3,000	2,967	2,953	2,933	2,879	2,878	2,920	2,913
2	Retained earnings	9,312	9,044	8,889	8,695	8,472	8,404	8,018	7,785
3	Accumulated other comprehensive income and other reserves	16	59	50	65	175	159	139	110
4	Directly issued capital subject to phase out from CET1 (only applicable to non-joint stock companies)	–	–	–	–	–	–	–	–
5	Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)	–	22	18	15	13	10	10	8
6	<b>Common Equity Tier 1 capital before regulatory adjustments</b>	<b>12,328</b>	<b>12,092</b>	<b>11,910</b>	<b>11,708</b>	<b>11,539</b>	<b>11,451</b>	<b>11,087</b>	<b>10,816</b>
<b>Regulatory adjustments to Common Equity Tier 1 capital</b>									
7	Prudential valuation adjustments	–	–	–	–	–	–	–	–
8	Goodwill (net of related tax liability)	(1,510)	(1,510)	(1,675)	(1,671)	(1,671)	(1,668)	(1,671)	(1,662)
9	Intangible assets other than mortgage-servicing rights	(1,148)	(1,111)	(1,177)	(1,139)	(1,121)	(1,099)	(1,100)	(1,073)
10	Deferred tax assets excluding those arising from temporary differences (net of related tax liability)	–	–	–	–	–	–	–	–
11	Accumulated other comprehensive income related to cash flow hedges	6	(32)	6	(48)	(151)	(138)	(137)	(152)
12	Shortfall of total provisions to expected losses	–	–	–	–	–	–	–	–
13	Securitisation gain on sale	–	–	–	–	–	–	–	–
14	Gains (losses) due to changes in own credit risk on fair valued liabilities	24	41	35	(23)	32	39	62	81
15	Defined benefit pension plan assets (net of related tax liability)	(8)	(5)	(7)	(5)	(11)	(93)	(4)	(3)
16	Investments in own shares (if not already netted off contributed surplus on reported balance sheet)	–	–	–	–	(9)	(3)	(1)	(5)
17	Reciprocal cross holdings in common equity	–	–	–	–	–	–	–	–
18	Non-significant investments in capital of banking, financial and insurance entities, net of eligible short positions (amount above 10% threshold)	–	–	–	–	–	–	–	–
19	Significant investments in the common stock of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions (amount above 10% threshold)	–	–	–	–	–	–	–	–
20	Mortgage servicing rights (amount above 10% threshold)	–	–	–	–	–	–	–	–
21	Deferred tax assets arising from temporary differences (amount above 10% threshold, net of related tax liability)	–	–	–	–	–	–	–	–
22	Amount exceeding the 15% threshold	–	–	–	–	–	–	–	–
23	of which: significant investments in the common stock of financials	–	–	–	–	–	–	–	–
24	of which: mortgage servicing rights	–	–	–	–	–	–	–	–
25	of which: deferred tax assets arising from temporary differences	–	–	–	–	–	–	–	–
26	Other deductions or regulatory adjustments to CET1 as determined by OSFI (including regulatory adjustments in respect of own use property)	–	–	–	–	–	–	–	–
27	Regulatory adjustments applied to Common Equity Tier 1 due to insufficient Additional Tier 1 and Tier 2 to cover deductions	–	–	–	–	–	–	–	–
28	<b>Total regulatory adjustments to Common equity Tier 1</b>	<b>(2,636)</b>	<b>(2,617)</b>	<b>(2,818)</b>	<b>(2,886)</b>	<b>(2,931)</b>	<b>(2,962)</b>	<b>(2,851)</b>	<b>(2,814)</b>
29	<b>Common Equity Tier 1 capital (CET1)</b>	<b>9,692</b>	<b>9,475</b>	<b>9,092</b>	<b>8,822</b>	<b>8,608</b>	<b>8,489</b>	<b>8,236</b>	<b>8,002</b>
<b>Additional Tier 1 capital: instruments</b>									
30	Directly issued qualifying Additional Tier 1 instruments plus related contributed surplus <sup>(1)</sup>	2,450	2,450	2,450	2,450	2,450	2,450	2,150	2,150
31	of which: classified as equity under applicable accounting standards	2,450	2,450	2,450	2,450	2,450	2,450	2,150	2,150
32	of which: classified as liabilities under applicable accounting standards	–	–	–	–	–	–	–	–
33	Directly issued capital instruments subject to phase out from Additional Tier 1 <sup>(1)</sup>	350	350	350	350	350	350	750	750
34	Additional Tier 1 instruments (and CET1 instruments not included in row 5) issued by subsidiaries and held by third parties (amount allowed in group AT1)	–	5	4	3	3	2	2	2
35	of which: instruments issued by subsidiaries subject to phase out	–	–	–	–	–	–	–	–
36	<b>Additional Tier 1 capital before regulatory adjustments</b>	<b>2,800</b>	<b>2,805</b>	<b>2,804</b>	<b>2,803</b>	<b>2,803</b>	<b>2,802</b>	<b>2,902</b>	<b>2,902</b>

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

## Composition of Regulatory Capital (continued)

(unaudited) (millions of Canadian dollars)

	2019				2018			
	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
<b>Additional Tier 1 capital: regulatory adjustments</b>								
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	-	-	-	-	-	-	-	-
<b>43 Total regulatory adjustments to Additional Tier 1 capital</b>	-	-	-	(1)	(1)	(1)	(1)	(1)
<b>44 Additional Tier 1 capital (AT1)</b>	<b>2,800</b>	<b>2,805</b>	<b>2,804</b>	<b>2,802</b>	<b>2,802</b>	<b>2,801</b>	<b>2,901</b>	<b>2,901</b>
<b>45 Tier 1 capital (T1 = CET1 + AT1)</b>	<b>12,492</b>	<b>12,280</b>	<b>11,896</b>	<b>11,624</b>	<b>11,410</b>	<b>11,290</b>	<b>11,137</b>	<b>10,903</b>
<b>Tier 2 capital: instruments and allowances</b>								
46 Directly issued qualifying Tier 2 instruments plus related contributed surplus <sup>(1)</sup>	750	750	750	750	750	750	750	-
47 Directly issued capital instruments subject to phase out from Tier 2 <sup>(1)</sup>	9	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	189	183	185	188	179	155	164	154
<b>51 Tier 2 capital before regulatory adjustments</b>	<b>948</b>	<b>948</b>	<b>949</b>	<b>951</b>	<b>942</b>	<b>917</b>	<b>926</b>	<b>164</b>
<b>Tier 2 capital: regulatory adjustments</b>								
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)	(74)	(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	(74)	(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	-	-	-	-	-	-	-	-
<b>57 Total regulatory adjustments to Tier 2 capital</b>	<b>(74)</b>	<b>(35)</b>	<b>(55)</b>	<b>(28)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>58 Tier 2 capital (T2)</b>	<b>874</b>	<b>913</b>	<b>894</b>	<b>923</b>	<b>942</b>	<b>917</b>	<b>926</b>	<b>164</b>
<b>59 Total capital (TC = T1 + T2)</b>	<b>13,366</b>	<b>13,193</b>	<b>12,790</b>	<b>12,547</b>	<b>12,352</b>	<b>12,207</b>	<b>12,063</b>	<b>11,067</b>

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

## Composition of Regulatory Capital (continued)

(unaudited) (millions of Canadian dollars)

		2019				2018			
		Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
60	<b>Total risk-weighted assets</b>	<b>83,039</b>	<b>80,984</b>	<b>79,008</b>	<b>77,036</b>	<b>73,685</b>	<b>73,331</b>	<b>72,895</b>	<b>71,362</b>
60a	Common Equity Tier 1 Capital RWA (CET1)	83,039	80,984	79,008	77,036	73,654	73,268	72,834	71,179
60b	Tier 1 Capital RWA	83,039	80,984	79,008	77,036	73,670	73,300	72,865	71,271
60c	Total capital RWA	83,039	80,984	79,008	77,036	73,685	73,331	72,895	71,362
<b>Capital ratios</b>									
61	Common Equity Tier 1 (as a percentage of risk weighted assets)	11.7%	11.7%	11.5%	11.5%	11.7%	11.6%	11.3%	11.2%
62	Tier 1 (as a percentage of risk weighted assets)	15.0%	15.2%	15.1%	15.1%	15.5%	15.4%	15.3%	15.3%
63	Total capital (as a percentage of risk weighted assets)	16.1%	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%	8.0%
65	of which: capital conservation buffer requirement	2.5%	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%	0.0%
67	of which: G-SIB buffer requirement	n.a.							
67a	of which: D-SIBs buffer requirement	1.0%	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%	11.7%	11.5%	11.5%	11.7%	11.6%	11.3%	11.2%
<b>OSFI target (minimum + capital conservation buffer + D-SIB buffer)<sup>(1)</sup></b>									
69	Common Equity Tier 1 all-in target ratio	8.0%	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%	9.5%
71	Total capital all-in target ratio	11.5%	11.5%	11.5%	11.5%	11.5%	11.5%	11.5%	11.5%
<b>Amounts below the thresholds for deduction (before risk weighting)</b>									
72	Non-significant investments in the capital and other TLAC-eligible instruments of other financials entities	527	530	551	549	311	366	481	658
73	Significant investments in the common stock of financials	318	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)	171	154	37	42	38	43	58	50
<b>Applicable caps on the inclusion of allowances in Tier 2</b>									
76	Allowance eligible for inclusion in Tier 2 in respect of exposures subject to standardised approach (prior to application of cap)	81	71	71	70	67	66	68	61
77	Cap on inclusion of allowances in Tier 2 under standardised approach	118	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)	108	112	114	118	112	89	96	93
79	Cap on inclusion of allowances in Tier 2 under internal ratings-based approach	347	345	336	326	314	307	308	310
<b>Capital instruments subject to phase-out arrangements (only applicable between January 1, 2013 and January 1, 2022)</b>									
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	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	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			
		Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
<b>Accounting assets vs. leverage ratio exposure</b>									
1	Total consolidated assets as per published financial statements	281,458	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	3	28	4	(3)	(15)	(33)	(58)	(68)
3	Adjustment for securitized exposures that meet the operational requirements for the recognition of risk transference <sup>(1)</sup>	(897)	(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 <sup>(2)</sup>	5,873	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) <sup>(2)</sup>	3,164	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)	24,141	23,436	22,940	23,050	22,163	21,492	21,795	20,713
8	Other adjustments	(4,840)	(4,210)	(4,134)	(4,571)	(4,089)	(4,401)	(4,776)	(5,298)
9	<b>Leverage Ratio Exposure</b>	<b>308,902</b>	<b>303,961</b>	<b>296,118</b>	<b>286,655</b>	<b>284,337</b>	<b>280,696</b>	<b>278,826</b>	<b>269,559</b>

		2019				2018			
		Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
<b>Leverage ratio common disclosure</b>									
<b>On-balance sheet exposures</b>									
1	On-balance sheet items (excluding derivatives, SFTs and grandfathered securitization exposures but including collateral)	254,653	252,885	243,584	239,966	235,541	233,308	229,728	224,863
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)	(2,120)	(1,434)	(1,113)	(1,544)	(938)	(981)	(930)	(1,313)
4	(Asset amounts deducted in determining Basel III Tier 1 capital)	(2,661)	(2,659)	(2,852)	(2,865)	(3,003)	(3,003)	(2,914)	(2,897)
5	<b>Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of rows 1 to 4)</b>	<b>249,872</b>	<b>248,792</b>	<b>239,619</b>	<b>235,557</b>	<b>231,600</b>	<b>229,324</b>	<b>225,884</b>	<b>220,653</b>
<b>Derivative exposures</b>									
6	Replacement cost associated with all derivative transactions (where applicable net of eligible cash variation margin and/or with bilateral netting)	2,868	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	11,115	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	19	20	23	20	22	29	-	4
10	(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	-	-	-	-	-	-	-	-
11	<b>Total derivative exposures (sum of rows 6 to 10)</b>	<b>14,002</b>	<b>13,753</b>	<b>13,088</b>	<b>10,966</b>	<b>11,292</b>	<b>10,565</b>	<b>10,995</b>	<b>12,161</b>
<b>Securities financing transaction exposures</b>									
12	Gross SFT assets (with no recognition of netting), after adjusting for sale accounting transactions	17,723	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)	(1,038)	(883)	(662)	(2,063)	(2,974)	(1,127)	(2,196)	(4,637)
14	CCR exposure for SFTs assets	4,202	4,935	3,940	3,983	4,097	4,189	4,712	4,149
15	Agent transaction exposures	-	-	-	-	-	-	-	-
16	<b>Total securities financing transaction exposures (sum of rows 12 to 15)</b>	<b>20,887</b>	<b>17,980</b>	<b>20,471</b>	<b>17,082</b>	<b>19,282</b>	<b>19,315</b>	<b>20,152</b>	<b>16,032</b>
<b>Other off-balance sheet exposures</b>									
17	Off-balance sheet exposure at gross notional amount	75,558	72,873	71,962	71,491	70,091	68,195	68,811	66,194
18	(Adjustments for conversion to credit equivalent amounts)	(51,417)	(49,437)	(49,022)	(48,441)	(47,928)	(46,703)	(47,016)	(45,481)
19	<b>Off-balance sheet items (sum of rows 17 and 18)</b>	<b>24,141</b>	<b>23,436</b>	<b>22,940</b>	<b>23,050</b>	<b>22,163</b>	<b>21,492</b>	<b>21,795</b>	<b>20,713</b>
<b>Capital and Total Exposures</b>									
20	<b>Tier 1 capital</b>	<b>12,492</b>	<b>12,280</b>	<b>11,896</b>	<b>11,624</b>	<b>11,410</b>	<b>11,290</b>	<b>11,137</b>	<b>10,903</b>
21	<b>Total Exposures (sum of rows 5, 11, 16 and 19)</b>	<b>308,902</b>	<b>303,961</b>	<b>296,118</b>	<b>286,655</b>	<b>284,337</b>	<b>280,696</b>	<b>278,826</b>	<b>269,559</b>
<b>Leverage Ratio</b>									
22	<b>Basel III leverage ratio</b>	<b>4.0%</b>	<b>4.0%</b>	<b>4.0%</b>	<b>4.1%</b>	<b>4.0%</b>	<b>4.0%</b>	<b>4.0%</b>	<b>4.0%</b>

(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.