

Supplementary Financial Information

Second Quarter 2020

(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 2020. 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 Canadians dollars, unless otherwise stated.
- 2) Information related to regulatory capital as well as Pillar 3 and risk disclosures required by the Enhanced Disclosure Task Force (EDTF) is provided in the document entitled *Supplementary Regulatory Capital and Pillar 3 Disclosure*, which is available on the Bank's website at nbc.ca.
- 3) The Bank uses a number of financial measures when assessing its results and measuring overall performance. Some of these financial measures are not calculated in accordance with GAAP, which are based on IFRS. Presenting non-GAAP financial measures helps readers to better understand how management analyzes results, shows the impacts of specified items on the results of the reported periods, and allows readers to assess results without the specified items if they consider such items not to be reflective of the underlying financial performance of the Bank's operations. Securities regulators require companies to caution readers that non-GAAP measures do not have a standardized meaning under GAAP and therefore may not be comparable to similar measures used by other companies.
- 4) Like many other financial institutions, the Bank uses the taxable equivalent basis to calculate net interest income, non-interest income and income taxes. This calculation method consists of grossing up certain tax-exempt income (particularly dividends) by the income tax that would have been otherwise payable. An equivalent amount is added to income taxes. This adjustment is necessary in order to perform a uniform comparison of the return on different assets regardless of their tax treatment.
- 5) For the comparative figures, certain amounts have been revised from those previously reported in order to be consistent with the presentation adopted by the Bank for the year beginning November 1, 2019.

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

	20	20		20	19			20	18		v	TD	Full	Year
	02	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Net income	379	610	604	608	558	552	566	569	547	550	989	1,110	2,322	2,232
Earnings per share - Basic	1.01	1.69	1.68	1.68	1.52	1.51	1.53	1.54	1.46	1.48	2.70	3.03	6.39	6.01
- Diluted	1.01	1.67	1.67	1.66	1.51	1.50	1.52	1.52	1.44	1.46	2.68	3.01	6.34	5.94
Return on common shareholders' equity	10.7%	18.0%	18.2%	18.7%	17.8%	17.2%	17.8%	18.4%	18.6%	18.7%	14.3%	17.5%	18.0%	18.4%
	10.7%	18.0%	16.2%	16.7%	17.8%	17.2%	17.8%	16.4%	18.0%	18./ %	14.5%	17.5%	18.0%	16.4%
Excluding specified items			1		I	ı	T						1	
Net income	379	620	612	606	558	552	566	569	547	550	999	1,110	2,328	2,232
Earnings per share - Basic	1.01	1.72	1.70	1.67	1.52	1.51	1.53	1.54	1.46	1.48	2.73	3.03	6.40	6.01
- Diluted	1.01	1.70	1.69	1.66	1.51	1.50	1.52	1.52	1.44	1.46	2.71	3.01	6.36	5.94
Return on common shareholders' equity	10.7%	18.3%	18.4%	18.6%	17.8%	17.2%	17.8%	18.4%	18.6%	18.7%	14.5%	17.5%	18.0%	18.4%
Efficiency ratio on a taxable equivalent basis	53.1%	53.6%	54.0%	53.5%	55.5%	55.1%	55.3%	54.5%	54.6%	54.9%	53.3%	55.3%	54.5%	54.8%
Effective tax rate on a taxable equivalent basis	22.2%	26.5%	26.7%	25.9%	24.6%	26.2%	26.0%	25.8%	25.6%	27.1%	24.4%	25.4%	25.9%	26.1%
Total assets	316,950	289,191	281,458	276,312	269,106	263,355	262,471	257,637	256,259	251,065	316,950	269,106	281,458	262,471
Average loans and acceptances	160,008	154,558	152,382	149,405	147,139	146,083	143,699	140,644	138,095	135,925	157,253	146,602	148,765	139,603
Average assets	312,788	301,511	293,626	288,328	283,172	279,426	267,865	265,592	267,941	262,425	307,087	281,268	286,162	265,940
Average common shareholders' equity	12,882	12,512	12,236	11,958	11,758	11,685	11,518	11,255	10,939	10,746	12,695	11,721	11,915	11,115
Number of common shares outstanding (thousands)	335,400	335,818	334,172	334,210	335,116	335,500	335,071	337,441	339,348	340,390	335,400	335,116	334,172	335,071
Weighted average basic number of common shares outstanding (thousands)	335,603	335,020	334,393		335,478	335,716	337,508	339,160	339,885	340,950			335,104	339,372
Weighted average diluted number of common shares outstanding (thousands)	337,317	338,111	336,900	337,768	338,515	338,585	341,395	343,280	343,900	345,458	337,687	338,472	337,630	343,240
Gross impaired loans ⁽¹⁾	780	677	684	674	627	603	630	630	586	582	780	627	684	630
Gross impaired loans ⁽¹⁾ as a % of total loans and acceptances	0.48%	0.43%	0.44%	0.44%	0.42%	0.41%	0.43%	0.44%	0.42%	0.42%	0.48%	0.42%	0.44%	0.43%
Provisions for credit losses on impaired loans ⁽¹⁾ as a % of average loans														
and acceptances	0.30%	0.21%	0.20%	0.20%	0.23%	0.21%	0.23%	0.25%		0.21%	0.26%	0.22%		
Provisions for credit losses as a % of average loans and acceptances	1.28%		0.23%	0.23%	0.23%	0.24%	0.20%	0.21%	0.27%	0.25%		0.24%		0.23%
Net charge-off as a % of average loans and acceptances	0.16%	0.19%	0.25%	0.17%	0.18%	0.20%	0.20%	0.22%	0.22%	0.28%	0.18%	0.19%	0.20%	0.23%
Dividends declared per common share	0.71	0.71	0.68	0.68	0.65	0.65	0.62	0.62	0.60	0.60	1.42	1.30	2.66	2.44
Dividend payout ratio (trailing 4 quarters) excluding specified items	45.6%	41.1%	41.6%	41.7%	41.6%	41.2%	40.6%	40.8%	41.2%	41.7%	45.6%	41.6%	41.6%	40.6%
Book value per common share	38.74	37.58	36.89	36.12	35.49	34.85	34.40	33.91	32.64	31.75	38.74	35.49	36.89	34.40
Share price - High	74.79	74.22	68.02	64.16	63.82	61.80	65.63	64.29	64.08	65.35	74.79	63.82	68.02	65.63
Share price - Low	38.73	68.25	60.38	60.71	60.31	54.97	58.93	61.26	58.69	62.33	38.73	54.97	54.97	58.69
Share price - Close	56.14	73.43	68.02	63.88	63.82	61.80	59.76	63.77	60.98	63.84	56.14	63.82	68.02	59.76
Number of registered shareholders	20,740	20,799	20,894	20,979	21,072	21,245	21,325	21,391	21,470	21,564	20,740	21,072	20,894	21,325
Capital ratios under Basel III														
Common Equity Tier 1 (CET1)	11.4%		11.7%	11.7%	11.5%	11.5%	11.7%	11.6%		11.2%	11.4%	11.5%		11.7%
Tier 1	14.4%		15.0%	15.2%	15.1%	15.1%	15.5%	15.4%	15.3%	15.3%	14.4%	15.1%	15.0%	15.5%
Total	15.5%		16.1%	16.3%	16.2%	16.3%	16.8%	16.7%		15.5%	15.5%	16.2%	16.1%	16.8%
Leverage ratio under Basel III	4.4%	4.0%	4.0%	4.0%	4.0%	4.1%	4.0%	4.0%	4.0%	4.0%	4.4%	4.0%	4.0%	4.0%
Liquidity coverage ratio (LCR)	149%	144%	146%	154%	141%	139%	147%	147%	137%	135%	149%	141%	146%	147%

⁽¹⁾ All loans classified in Stage 3 of the expected credit loss model are impaired loans and impaired loans presented in this table exclude purchased or originated credit-impaired (POCI) loans.

Shareholders' Information

	20	20		20	19			20	18	
Credit Rating - Long-term senior debt	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Non bail-inable										
Moody's	Aa3	Aa3	Aa3	Aa3	Aa3	Aa3	Aa3	Aa3	A1	A1
Standard & Poor's	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
DBRS	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)	AA (Low)
Fitch	AA-	AA-	A+							
Bail-in										
Moody's	A3	А3								
Standard & Poor's	BBB+	BBB+								
DBRS	A (high)	A (high)								
Fitch	A+	A+								
V. 1	 1									
Valuation						1				
Market Capitalization (millions of Canadian dollars)	18,829	24,659	22,730	21,349	21,387	20,734	20,024	21,519	20,693	21,730
P/E Ratio (trailing 4 quarters)	9.34	11.28	10.73	10.32	10.55	10.33	10.06	10.98	10.77	11.61
Share price/Book value	1.45	1.95	1.84	1.77	1.80	1.77	1.74	1.88	1.87	2.01
Dividend yield (annualized)	5.06%	3.87%	4.00%	4.26%	4.07%	4.21%	4.15%	3.89%	3.94%	3.76%
Other Information										
Number of employees										
Canada	19,407	19,303	19,208	19,291	19,136	19,247	19,103	19,275	19,105	18,949
Outside of Canada	7,182	7,011	6,279	5,590	5,001	4,713	4,347	3,754	3,254	2,919
	26,589	26,314	25,487	24,881	24,137	23,960	23,450	23,029	22,359	21,868
Number of employees (full-time equivalent)										
Canada	18,473	18,436	18,278	18,418	18,195	18,274	18,079	18,272	18,086	17,897
Outside of Canada	7,182	7,011	6,279	5,590	5,001	4,713	4,347	3,754	3,254	2,919
	25,655	25,447	24,557	24,008	23,196	22,987	22,426	22,026	21,340	20,816
Number of branches in Canada	413	416	422	429	428	428	428	428	428	429
Number of banking machines in Canada	933	933	939	940	940	938	937	934	933	932

Detailed Information on Income

(millions of Canadian dollars) (taxable equivalent basis)

	20	20		20	19			20	18		Υ	TD .	Full	Year
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Net interest income	1,161	987	993	913	987	898	861	872	921	872	2,148	1,885	3,791	3,526
Non-interest income	951	1,023	1,015	1,129	863	964	1,013	982	897	993	1,974	1,827	3,971	3,885
Total revenues	2,112	2,010	2,008	2,042	1,850	1,862	1,874	1,854	1,818	1,865	4,122	3,712	7,762	7,411
Non-interest expenses	1,121	1,091	1,095	1,154	1,026	1,026	1,036	1,011	992	1,024	2,212	2,052	4,301	4,063
Provisions for credit losses	504	89	89	86	84	88	73	76	91	87	593	172	347	327
Income before income taxes	487	830	824	802	740	748	765	767	735	754	1,317	1,488	3,114	3,021
Income taxes	108	220	220	194	182	196	199	198	188	204	328	378	792	789
Net income	379	610	604	608	558	552	566	569	547	550	989	1,110	2,322	2,232
Non-controlling interests	11	16	14	17	19	16	16	23	25	23	27	35	66	87
Net income attributable to the Bank's shareholders	368	594	590	591	539	536	550	546	522	527	962	1,075	2,256	2,145
Effective tax rate	22.2%	26.5%	26.7%	24.2%	24.6%	26.2%	26.0%	25.8%	25.6%	27.1%	24.9%	25.4%	25.4%	26.1%
Dividends on preferred shares	29	29	29	29	29	29	32	25	26	22	58	58	116	105
Dividends on common shares	238	238	228	228	218	218	209	211	204	205	476	436	892	829
Number of common shares (Average-Diluted) (thousands)	337,317	338,111	336,900	337,768	338,515	338,585	341,395	343,280	343,900	345,458	337,687	338,472	337,630	343,240
Excluding specified items														
Net interest income	1,161	987	993	913	987	898	861	872	921	872	2,148	1,885	3,791	3,526
Non-interest income	951	1,023	1,015	1,033	863	964	1,013	982	897	993	1,974	1,827	3,875	3,885
Total revenues	2,112	2,010	2,008	1,946	1,850	1,862	1,874	1,854	1,818	1,865	4,122	3,712	7,666	7,411
Non-interest expenses	1,121	1,078	1,084	1,042	1,026	1,026	1,036	1,011	992	1,024	2,199	2,052	4,178	4,063
Provisions for credit losses	504	89	89	86	84	88	73	76	91	87	593	172	347	327
Income before income taxes	487	843	835	818	740	748	765	767	735	754	1,330	1,488	3,141	3,021
Income taxes	108	223	223	212	182	196	199	198	188	204	331	378	813	789
Net income	379	620	612	606	558	552	566	569	547	550	999	1,110	2,328	2,232
Non-controlling interests	11	16	14	17	19	16	16	23	25	23	27	35	66	87
Net income attributable to the Bank's shareholders	368	604	598	589	539	536	550	546	522	527	972	1,075	2,262	2,145
Effective tax rate	22.2%	26.5%	26.7%	25.9%	24.6%	26.2%	26.0%	25.8%	25.6%	27.1%	24.9%	25.4%	25.9%	26.1%
Dividends on preferred shares	29	29	29	29	29	29	32	25	26	22	58	58	116	105
Dividends on common shares	238	238	228	228	218	218	209	211	204	205	476	436	892	829
Number of common shares (Average-Diluted) (thousands)	337,317	338,111	336,900	337,768	338,515	338,585	341,395	343,280	343,900	345,458	337,687	338,472	337,630	343,240
Taxable equivalent basis														
Net interest income	56	57	57	58	45	35	35	35	36	38	113	80	195	144
Non-interest income	20	30	36	36	35	28	25	27	28	21	50	63	135	101
Income taxes	76	87	93	94	80	63	60	62	64	59	163	143	330	245
Not in some by comment														
Net income by segment Excluding specified items														
Personal and Commercial	65	251	265	274	230	242	257	250	215	230	316	472	1,011	952
Wealth Management	141	135	129	125	117	123	118	120	112	114	276	240	494	464
Financial Markets	159	184	203	179	158	168	192	178	190	204	343	326	708	764
U.S. Specialty Finance and International (USSF&I)	74	85	78	69	72	60	55	54	63	50	159	132	279	222
Other	(60)	(35)	(63)	(41)	(19)	(41)	(56)	(33)	(33)	(48)	(95)	(60)	(164)	(170)

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

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

	20	20		20	19			20	18		Υ	ΤD	Full	Year
As a % of Average Assets (excluding specified items)	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Total revenues on taxable equivalent basis	2.75	2.65	2.71	2.68	2.68	2.64	2.78	2.77	2.78	2.82	2.70	2.66	2.68	2.79
Non-interest expenses	1.46	1.42	1.46	1.43	1.49	1.46	1.53	1.51	1.52	1.55	1.44	1.47	1.46	1.53
Provisions for credit losses	0.66	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.14	0.13	0.39	0.12	0.12	0.12
Income taxes on taxable equivalent basis	0.14	0.29	0.30	0.29	0.26	0.28	0.29	0.30	0.29	0.31	0.22	0.27	0.28	0.30
Non-controlling interests	0.01	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.04	0.03	0.02	0.03	0.02	0.03
Net income attributable to the Bank's shareholders	0.48	0.80	0.81	0.82	0.78	0.76	0.83	0.82	0.79	0.80	0.63	0.77	0.80	0.81
D: .	2 220/	2.250/	2.250/	0.050/	0.050/	0.050/	0.700/	0.500/	0 / 50/	2.2404	0.500/	2.250/	0.050/	0.4004
Prime rate	3.22%	3.95%	3.95%	3.95%	3.95%	3.95%	3.72%	3.50%	3.45%	3.24%	3.59%	3.95%	3.95%	3.48%
CDOR	1.39%	2.00%	1.95%	1.97%	2.02%	2.18%	1.87%	1.69%	1.60%	1.40%	1.70%	2.10%	2.03%	1.64%
Spread	1.83%	1.95%	2.00%	1.98%	1.93%	1.77%	1.85%	1.81%	1.85%	1.84%	1.89%	1.85%	1.92%	1.84%
Selected average Consolidated Balance Sheet items														
Average Securities	91,743	97,905	93,918	91,025	81,461	76,545	74,623	76,022	78,038	75,076	94,858	78,962	85,772	75,923
Average Securities purchased under reverse repurchase agreements and securities borrowed	14,872	19,843	20,189	21,665	23,705	24,368	20,415	17,549	20,600	21,811	17,385	24,042	22,472	20,090
Average loans and acceptances	160,008	154,558	152,382	149,405	147,139	146,083	143,699	140,644	138,095	135,925	157,253	146,602	148,765	139,603
Average interest-bearing assets	275,381	277,129	270,319	265,909	261,001	255,877	247,161	244,701	245,967	243,388	276,265	258,397	263,295	245,299
Average assets	312,788	301,511	293,626	288,328	283,172	279,426	267,865	265,592	267,941	262,425	307,087	281,268	286,162	265,940
Average deposits	205,097	198,974	194,454	186,344	180,421	176,490	170,598	167,588	166,201	164,286	202,002	178,423	184,460	167,176
Average Common shareholders' equity	12,882	12,512	12,236	11,958	11,758	11,685	11,518	11,255	10,939	10,746	12,695	11,721	11,915	11,115
		•	•		•		•			•			•	
Assets Under Administration and Under Management														
Assets under administration	466 120	520 790	484 636	//70 11R	473 540	438 385	416 100	425 200	427 A07	428 377				

Assets Under Administration and Under Management										
Assets under administration	466,129	520,790	484,636	479,118	473,549	438,385	416,199	425,299	427,407	428,377
Assets under management										
Individual	46,224	47,238	43,941	42,387	41,435	39,396	37,007	37,056	35,104	34,487
Mutual funds	36,324	38,776	36,819	36,353	34,407	32,255	31,874	33,741	32,911	32,838
	82,548	86,014	80,760	78,740	75,842	71,651	68,881	70,797	68,015	67,325
Assets under administration and under management	548,677	606,804	565,396	557,858	549,391	510,036	485,080	496,096	495,422	495,702

Segment Disclosures (excluding specified items)

(millions of Canadian dollars) (taxable equivalent basis)

	20	20		20	19			20	18		YI	TD	Full	Year
Personal and Commercial	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Net interest income	607	611	613	604	578	589	588	581	547	560	1,218	1,167	2,384	2,276
Non-interest income	241	269	262	287	256	262	261	269	248	255	510	518	1,067	1,033
Total revenues	848	880	875	891	834	851	849	850	795	815	1,728	1,685	3,451	3,309
Non-interest expenses	459	468	455	461	458	463	446	448	445	443	927	921	1,837	1,782
Provisions for credit losses	301	70	59	57	63	58	52	61	57	58	371	121	237	228
Income before income taxes	88	342	361	373	313	330	351	341	293	314	430	643	1,377	1,299
Income taxes	23	91	96	99	83	88	94	91	78	84	114	171	366	347
Net income	65	251	265	274	230	242	257	250	215	230	316	472	1,011	952
Non-controlling interests	-	_	-	_	_	_	-	-	_	-	-	_	_	-
Net income attributable to the Bank's shareholders	65	251	265	274	230	242	257	250	215	230	316	472	1,011	952
Net interest margin ⁽¹⁾	2.22%	2.21%	2.23%	2.23%	2.23%	2.22%	2.25%	2.26%	2.23%	2.24%	2.21%	2.23%	2.23%	2.24%
Efficiency ratio	54.1%	53.2%	52.0%	51.7%	54.9%	54.4%	52.5%	52.7%	56.0%	54.4%	53.6%	54.7%	53.2%	53.9%
Average loans and acceptances - Personal	78,295	77,903	77,015	76,143	75,425	75,268	74,413	73,281	72,241	72,002	78,098	75,345	75,967	72,991
Mortgages loans	65,853	65,208	64,282	63,440	62,808	62,616	61,858	60,817	59,867	59,588	65,527	62,710	63,290	60,538
Personal loans	10,413	10,453	10,508	10,464	10,438	10,414	10,354	10,277	10,272	10,239	10,434	10,426	10,456	10,286
Credit Card	2,029	2,242	2,225	2,239	2,179	2,238	2,201	2,187	2,102	2,175	2,137	2,209	2,221	2,167
Average loans and acceptances - Commercial	38,241	37,542	37,466	36,486	36,008	35,321	34,703	33,959	33,180	32,235	37,888	35,658	36,323	33,522
Commercial (excluding Oil & Gas)	36,609	35,826	35,809	34,823	34,282	33,728	33,166	32,484	31,836	30,961	36,214	34,000	34,664	32,114
Oil & Gas	1,632	1,716	1,657	1,663	1,726	1,593	1,537	1,475	1,344	1,274	1,674	1,658	1,659	1,408
Average assets	117,052	115,946	114,975	113,132	111,910	111,145	109,490	107,539	105,751	104,612	116,493	111,521	112,798	106,857
Average interest-bearing assets	111,161	110,021	109,179	107,308	106,074	105,389	103,769	102,065	100,515	99,403	110,585	105,726	106,995	101,446
Average deposits - Personal	32,510	31,992	31,247	30,872	30,407	29,888	29,265	29,060	28,643	28,377	32,248	30,143	30,605	28,838
Average deposits - Commercial	31,359	32,396	33,241	32,105	30,171	31,220	31,803	30,180	28,003	28,142	31,883	30,705	31,696	29,545
Number of employees	9,457	9,470	9,430	9,349	9,440	9,564	9,575	9,687	9,605	9,521	9,457	9,440	9,430	9,575
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Wealth Management														
Net interest income	110	119	111	112	108	124	110	109	104	103	229	232	455	426
Non-interest income	364	346	335	325	318	310	317	316	309	321	710	628	1,288	1,263
Total revenues	474	465	446	437	426	434	427	425	413	424	939	860	1,743	1,689
Non-interest expenses	278	282	271	268	267	267	267	262	260	269	560	534	1,073	1,058
Provisions for credit losses	4	_		_	_				1		4			1
Income before income taxes	192	183	175	169	159	167	160	163	152	155	375	326	670	630
Income taxes	51	48	46	44	42	44	42	43	40	41	99	86	176	166
Net income	141	135	129	125	117	123	118	120	112	114	276	240	494	464
Non-controlling interests		-		_	_	-	-	_	-		-	-	_	
Net income attributable to the Bank's shareholders	141	135	129	125	117	123	118	120	112	114	276	240	494	464
Efficiency ratio on a taxable equivalent basis	58.6%	60.6%	60.8%	61.3%	62.7%	61.5%	62.5%	61.6%	63.0%	63.4%	59.6%	62.1%	61.6%	62.6%
Average loans and acceptances	4,793	4,766	4,824	4,855	4,829	4,911	4,926	4,784	4,669	4,501	4,779	4,871	4,855	4,720
Average assets	5,984	5,943	6,082	6,146	6,154	6,492	6,356	6,187	6,094	6,030	5,963	6,326	6,219	6,167
Average deposits	34,474	32,430	31,759	31,916	32,486	33,129	31,833	31,065	31,134	31,006	33,441	32,813	32,321	31,261
Number of employees	2,721	2,690	2,683	2,704	2,685	2,676	2,668	2,681	2,663	2,657	2,721	2,685	2,683	2,668

⁽¹⁾ Net interest margin is calculated by dividing net interest income by average interest-bearing assets.

Segment Disclosures (excluding specified items) (continued)

(millions of Canadian dollars) (taxable equivalent basis)

	20	20		20	19			20	18		Υ	TD	Full	Year
Financial Markets	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Net interest income	265	120	129	83	185	77	71	93	146	99	385	262	474	409
Non-interest income	333	338	366	358	220	333	365	323	291	355	671	553	1,277	1,334
Total revenues	598	458	495	441	405	410	436	416	437	454	1,056	815	1,751	1,743
Non-interest expenses	220	199	209	187	182	178	174	171	176	176	419	360	756	697
Provisions for credit losses	162	9	10	10	7	3	-	2	2	_	171	10	30	4
Income before income taxes	216	250	276	244	216	229	262	243	259	278	466	445	965	1,042
Income taxes	57	66	73	65	58	61	70	65	69	74	123	119	257	278
Net income	159	184	203	179	158	168	192	178	190	204	343	326	708	764
Non-controlling interests	-	-	_	-	-	-	_	ı	-	-	-	-	-	-
Net income attributable to the Bank's shareholders	159	184	203	179	158	168	192	178	190	204	343	326	708	764
Efficiency ratio on a taxable equivalent basis	36.8%	43.4%	42.2%	42.4%	44.9%	43.4%	39.9%	41.1%	40.3%	38.8%	39.7%	44.2%	43.2%	40.0%
Average loans and acceptances (Corporate Banking only)	19,436	17,025	16,950	16,706	16,407	16,230	16,005	15,667	14,756	14,025	18,217	16,317	16,575	15,116
Average assets	120,474	121,612	119,244	116,601	109,485	104,545	97,976	99,067	104,131	101,816	121,049	106,974	112,493	100,721
Average deposits	37,039	34,166	35,311	30,199	29,045	27,385	25,234	23,525	22,827	22,430	35,587	28,201	30,497	23,510
Number of employees	778	790	787	803	724	712	706	722	679	687	778	724	787	706
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U.S. Specialty Finance and International (USSF&I)														
Net interest income	206	181	180	159	159	158	147	140	150	147	387	317	656	584
Non-interest income	(23)	14	12	15	19	13	11	6	24	14	(9)	32	59	55
Total revenues	183	195	192	174	178	171	158	146	174	161	378	349	715	639
Non-interest expenses	82	78	74	69	74	68	65	64	62	60	160	142	285	251
Provisions for credit losses	32	10	20	19	14	27	22	12	31	29	42	41	80	94
Income before income taxes	69	107	98	86	90	76	71	70	81	72	176	166	350	294
Income taxes	(5)	22	20	17	18	16	16	16	18	22	17	34	71	72
Net income	74	85	78	69	72	60	55	54	63	50	159	132	279	222
Non-controlling interests	4	9	7	11	12	10	8	10	11	9	13	22	40	38
Net income attributable to the Bank's shareholders	70	76	71	58	60	50	47	44	52	41	146	110	239	184
Efficiency ratio	44.8%	40.0%	38.5%	39.7%	41.6%	39.8%	41.1%	43.8%	35.6%	37.3%	42.3%	40.7%	39.9%	39.3%
Average loans and receivables	11,733	9,880	9,333	8,769	8,711	8,808	8,218	7,637	7,856	7,702	10,796	8,760	8,907	7,853
Average assets	14,715	12,494	11,909	10,972	10,600	10,448	9,957	9,233	9,104	8,777	13,592	10,523	10,985	9,270
Average deposits	4,813	4,373	4,227	3,665	3,238	2,758	2,289	2,007	1,795	1,532	4,591	2,994	3,474	1,907
Number of employees	7,021	6,849	6,120	5,425	4,858	4,572	4,202	3,612	3,125	2,794	7,021	4,858	6,120	4,202

Segment Disclosures (excluding specified items) (continued)

-	20	20		20	19			20	18		Υ	TD	Full	/ear
Other	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Net interest income	(83)	(101)	(97)	(103)	(88)	(85)	(90)	(86)	(62)	(75)	(184)	(173)	(373)	(313)
Non-interest income	16	26	4	12	15	18	34	41	(3)	27	42	33	49	99
Total revenues	(67)	(75)	(93)	(91)	(73)	(67)	(56)	(45)	(65)	(48)	(142)	(140)	(324)	(214)
Non-interest expenses	82	51	75	57	45	50	84	66	49	76	133	95	227	275
Provisions for credit losses	5	-	_	_	-	-	(1)	1	_	_	5	_	_	-
Income before income taxes	(154)	(126)	(168)	(148)	(118)	(117)	(139)	(112)	(114)	(124)	(280)	(235)	(551)	(489)
Income taxes (recovery)	(94)	(91)	(105)	(107)	(99)	(76)	(83)	(79)	(81)	(76)	(185)	(175)	(387)	(319)
Net income	(60)	(35)	(63)	(41)	(19)	(41)	(56)	(33)	(33)	(48)	(95)	(60)	(164)	(170)
Non-controlling interests	7	7	7	6	7	6	8	13	14	14	14	13	26	49
Net income attributable to the Bank's shareholders	(67)	(42)	(70)	(47)	(26)	(47)	(64)	(46)	(47)	(62)	(109)	(73)	(190)	(219)
Average assets	54,563	45,516	41,416	41,477	45,023	46,796	44,086	43,566	42,861	41,190	49,990	45,924	43,667	42,925
Average deposits	64,902	63,617	58,669	57,587	55,074	52,110	50,174	51,751	53,799	52,799	64,252	53,567	55,867	52,115
Number of employees	6,612	6,515	6,467	6,600	6,430	6,436	6,299	6,327	6,287	6,209	6,612	6,430	6,467	6,299
	•													
Total														
Net interest income	1,105	930	936	855	942	863	826	837	885	834	2,035	1,805	3,596	3,382
Non-interest income	931	993	979	997	828	936	988	955	869	972	1,924	1,764	3,740	3,784
Total revenues	2,036	1,923	1,915	1,852	1,770	1,799	1,814	1,792	1,754	1,806	3,959	3,569	7,336	7,166
Non-interest expenses	1,121	1,078	1,084	1,042	1,026	1,026	1,036	1,011	992	1,024	2,199	2,052	4,178	4,063
Provisions for credit losses	504	89	89	86	84	88	73	76	91	87	593	172	347	327
Income before income taxes	411	756	742	724	660	685	705	705	671	695	1,167	1,345	2,811	2,776
Income taxes	32	136	130	118	102	133	139	136	124	145	168	235	483	544
Net income	379	620	612	606	558	552	566	569	547	550	999	1,110	2,328	2,232
Non-controlling interests	11	16	14	17	19	16	16	23	25	23	27	35	66	87
Net income attributable to the Bank's shareholders	368	604	598	589	539	536	550	546	522	527	972	1,075	2,262	2,145
Efficiency ratio on a taxable equivalent basis	53.1%	53.6%	54.0%	53.5%	55.5%	55.1%	55.3%	54.5%	54.6%	54.9%	53.3%	55.3%	54.5%	54.8%
Average loans and acceptances	160,008	154,558	152,382	149,405	147,139	146,083	143,699	140,644	138,095	135,925	157,253	146,602	148,765	139,603
Average assets	312,788	301,511	293,626	288,328	283,172	279,426	267,865	265,592	267,941	262,425	307,087	281,268	286,162	265,940
Average deposits	205,097	198,974	194,454	186,344	180,421	176,490	170,598	167,588	166,201	164,286	202,002	178,423	184,460	167,176
Number of employees	26,589	26,314	25,487	24,881	24,137	23,960	23,450	23,029	22,359	21,868	26,589	24,137	25,487	23,450

U.S. Specialty Finance and International - Detailed Information

				20	20					YT	D	
		Q	2			Q	1			202	20	
	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total
Net interest income	115	92	(1)	206	94	89	(2)	181	209	181	(3)	387
Non-interest income	(33)	7	3	(23)	4	6	4	14	(29)	13	7	(9)
Total revenues	82	99	2	183	98	95	2	195	180	194	4	378
Non-interest expenses	34	47	1	82	36	41	1	78	70	88	2	160
Provisions for credit losses	24	8	-	32	7	3	-	10	31	11	_	42
Income before income taxes	24	44	1	69	55	51	1	107	79	95	2	176
Income taxes	5	(10)	-	(5)	12	10	_	22	17	_	_	17
Net income	19	54	1	74	43	41	1	85	62	95	2	159
Non-controlling interests	4	_	_	4	9	_	-	9	13	_	_	13
Net income attributable to the Bank's shareholders	15	54	1	70	34	41	1	76	49	95	2	146
Efficiency ratio	41.5%	47.5%		44.8%	36.7%	43.2%		40.0%	38.9%	45.4%		42.3%
Average loans and receivables	7,718	4,015	_	11,733	6,413	3,467	_	9,880	7,058	3,738	_	10,796
Average assets	7,920	6,416	379	14,715	6,570	5,561	363	12,494	7,237	5,984	371	13,592
Average deposits	_	4,813	_	4,813	_	4,373	_	4,373	_	4,591	_	4,591

								20	19									Full Y	'ear	
		Q4	1			Q3	3			Q	2			Q:	l			201	.9	
_	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total
Net interest income	100	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
Total revenues	95	90	7	192	95	79		174	107	69	2	178		65	1	171	402	303	10	
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	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
Net income	31	41	6	78	35	34	-	69	42	29	1	72	36	24	-	60	144	128	7	279
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

								20	18									Full Y	ear	
		Q4	1			Q:	3			Q	2			Q1	l			201	8	
	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total	Credigy	ABA Bank	Other ⁽¹⁾	Total
Net interest income	100	49	(2)	147	97	44	(1)	140	113	38	(1)	150	114	34	(1)	147	424	165	(5)	584
Non-interest income	_	8	3	11	3	3	_	6	16	7	1	24	3	9	2	14	22	27	6	55
Total revenues	100	57	1	158	100	47	(1)	146	129	45	-	174	117	43	1	161	446	192	1	639
Non-interest expenses	38	27	_	65	40	24	_	64	39	22	1	62	39	20	1	60	156	93	2	251
Provisions for credit losses	18	4	-	22	9	3	-	12	28	3	_	31	26	3	-	29	81	13	-	94
Income before income taxes	44	26	1	71	51	20	(1)	70	62	20	(1)	81	52	20	-	72	209	86	(1)	294
Income taxes	10	6	-	16	13	3	-	16	14	4	-	18	18	4	-	22	55	17	-	72
Net income	34	20	1	55	38	17	(1)	54	48	16	(1)	63	34	16	-	50	154	69	(1)	222
Non-controlling interests	6	2	-	8	7	3	-	10	9	2	-	11	7	2	-	9	29	9	-	38
Net income attributable to the Bank's shareholders	28	18	1	47	31	14	(1)	44	39	14	(1)	52	27	14	-	41	125	60	(1)	184
Efficiency ratio	38.0%	47.4%		41.1%	40.0%	51.1%		43.8%	30.2%	48.9%		35.6%	33.3%	46.5%		37.3%	35.0%	48.4%		39.3%
Average loans and receivables	6,145	2,073	-	8,218	5,744	1,893	-	7,637	6,150	1,706	-	7,856	6,197	1,487	18	7,702	6,058	1,790	5	7,853
Average assets	6,355	3,235	367	9,957	6,316	2,549	368	9,233	6,449	2,284	371	9,104	6,406	1,991	380	8,777	6,381	2,517	372	9,270
Average deposits	_	2,289	_	2,289	_	2,007	-	2,007		1,795	-	1,795	_	1,532	-	1,532	_	1,907	-	1,907

⁽¹⁾ Includes other international investments.

Specified Items

		Net interest income	Non-interest income	Total revenues	Non-interest expenses		Income before income taxes	Income taxes	Net income
		2020							
Q1 Charge related to Maple	Other	_	_	_	13	-	(13)	(3)	(10)
Total		_	-	_	13	-	(13)	(3)	(10)
Total		-	_	1	13	_	(13)	(3)	(10)
		2019							
Q4 Charge related to Maple	Other	_	-	_	11	_	(11)	(3)	(8)
Total		-	-	-	11	-	(11)	(3)	(8)
Q3 Gain on disposal of Fiera Capital shares	Other	_	79	79	_	_	79	11	68
Gain on disposal of premises and equipment	Other	_	50	50	_	-	50	7	43
Remeasurement at fair value of an investment	Other	_	(33)	(33)	_	-	(33)	(6)	(27)
Impairment losses on premises and equipment and on intangible assets	Other	_	_	_	57	-	(57)	(15)	(42)
Provisions for onerous contracts	Other	_	_	_	45	-	(45)	(12)	(33)
Severance pay	Other	_	_	_	10	_	(10)	(3)	(7)
Total		_	96	96	112	_	(16)	(18)	2
Total		_	96	96	123	_	(27)	(21)	(6)

Consolidated Results

	20	20		20	19			20	18		Υ	D	Full	year
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Net interest income	1,105	930	936	855	942	863	826	837	885	834	2,035	1,805	3,596	3,382
Non-interest income	931	993	979	1,093	828	936	988	955	869	972	1,924	1,764	3,836	3,784
Total revenues	2,036	1,923	1,915	1,948	1,770	1,799	1,814	1,792	1,754	1,806	3,959	3,569	7,432	7,166
Non-interest expenses	1,121	1,091	1,095	1,154	1,026	1,026	1,036	1,011	992	1,024	2,212	2,052	4,301	4,063
Provisions for credit losses	504	89	89	86	84	88	73	76	91	87	593	172	347	327
Income before income taxes	411	743	731	708	660	685	705	705	671	695	1,154	1,345	2,784	2,776
Income taxes	32	133	127	100	102	133	139	136	124	145	165	235	462	544
Net income	379	610	604	608	558	552	566	569	547	550	989	1,110	2,322	2,232
Non-controlling interests	11	16	14	17	19	16	16	23	25	23	27	35	66	87
Net income attributable to the Bank's shareholders	368	594	590	591	539	536	550	546	522	527	962	1,075	2,256	2,145
Average loans and acceptances	160,008	154,558	152,382	149,405	147,139	146,083	143,699	140,644	138,095	135,925	157,253	146,602	148,765	139,603
Average assets	312,788	301,511	293,626	288,328	283,172	279,426	267,865	265,592	267,941	262,425	307,087	281,268	286,162	265,940
Average deposits	205,097	198,974	194,454	186,344	180,421	176,490	170,598	167,588	166,201	164,286	202,002	178,423	184,460	167,176

Total Revenues (excluding specified items)

	202	! 0		20:	19			20	18		YT	D	Full	Year
Net Interest Income	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Interest income														
Loans	1,530	1,648	1,673	1,608	1,583	1,604	1,506	1,438	1,364	1,324	3,178	3,187	6,468	5,632
Securities	472	394	387	378	404	322	280	282	307	228	866	726	1,491	1,097
Deposits with financial institutions	22	32	36	40	69	70	55	58	47	46	54	139	215	206
	2,024	2,074	2,096	2,026	2,056	1,996	1,841	1,778	1,718	1,598	4,098	4,052	8,174	6,935
Interest expense														
Deposits	711	890	911	886	831	840	748	670	595	549	1,601	1,671	3,468	2,562
Liabilities related to transferred receivables	105	106	117	113	108	106	110	105	100	99	211	214	444	414
Subordinated debt	5	6	7	6	6	6	6	6	6	_	11	12	25	18
Other	98	142	125	166	169	181	151	160	132	116	240	350	641	559
	919	1,144	1,160	1,171	1,114	1,133	1,015	941	833	764	2,063	2,247	4,578	3,553
Tax equivalent adjustment	56	57	57	58	45	35	35	35	36	38	113	80	195	144
Net interest income on a taxable equivalent basis	1,161	987	993	913	987	898	861	872	921	872	2,148	1,885	3,791	3,526
Non-Interest Income														
Underwriting and advisory fees	114	86	96	75	82	61	104	106	75	103	200	143	314	388
Securities brokerage commissions	58	48	45	43	46	44	48	46	47	54	106	90	178	195
Mutual fund revenues	112	120	116	115	112	106	110	111	106	111	232	218	449	438
Trust service revenues	166	166	158	155	149	147	150	146	146	145	332	296	609	587
Credit fees	107	110	109	107	99	102	104	105	97	97	217	201	417	403
	33	39	41		48	41	39	44	36	40	72	89	175	159
Card revenues	63	68	71	45 69	63	68	73	71	68	40 68	131	131	271	280
Deposits and payment service charges								-			-			
Trading revenues (losses)	214	225	245	251	105	228	248	200	164	228	439	333	829	840
Gains (losses) on non-trading securities, net	(1)	30	5	15	25	32	9	21	19	28	29	57	77	77
Insurance revenues, net	28	36	28	46	28	34	29	32	29	31	64	62	136	121
Foreign exchange revenues, other than trading	31	24	23	27	22	24	23	26	24	22	55	46	96	95
Share in the net income of associates and joint ventures	6	10	11	8	7	8	9	7	5	7	16	15	34	28
Other		31	31	41	42	41	42	40	53	38	31	83	155	173
	931	993	979	997	828	936	988	955	869	972	1,924	1,764	3,740	3,784
Tax equivalent adjustment	20	30	36	36	35	28	25	27	28	21	50	63	135	101
Non-interest income on a taxable equivalent basis As a % of total revenues on a taxable equivalent basis	951 45.0%	1,023 50.9%	1,015 50.5%	1,033 53.1%	863 46.6%	964 51.8%	1,013 54.1%	982 53.0%	897 49.3%	993 53.2%	1,974 47.9%	1,827 49.2%	3,875 50.5%	3,885 52.4%
AS a % of total revenues of a taxable equivalent basis	43.0%	50.9%	50.5%	55.1%	40.0%	31.6%	54.1%	55.0%	49.5 %	33.2 %	47.9%	49.2%	50.5%	32.4%
Trading Revenues	l													
Net interest income on a taxable equivalent basis	221	71	69	25	118	16	10	44	95	54	292	134	228	203
Non-interest income on a taxable equivalent basis	234	255	281	287	140	256	273	227	192	249	489	396	964	941
	455	326	350	312	258	272	283	271	287	303	781	530	1,192	1,144
Trading Activity Revenues ⁽¹⁾														
Financial Markets				Ī	ı	П	I		I					
Equities	227	174	197	164	123	137	141	135	162	137	401	260	621	575
Fixed-income	105	85	78	78	64	65	64	52	66	81	190	129	285	263
					29		29	28			94		126	130
Commodities and foreign exchange	64 396	30	24 299	25 267		48	234		36 264	37		77	1.032	968
Other comments		289			216	250		215		255	685	466	,	
Other segments	59	37	51	45	42	22	49	56	23	48	96	64	160	176
	455	326	350	312	258	272	283	271	287	303	781	530	1,192	1,144

⁽¹⁾ Includes net interest income on a taxable equivalent basis and non-interest income on a taxable equivalent basis.

Non-Interest Expenses (excluding specified items)

	20	20		20	19			20	18		YI	D	Full	year
Non-Interest Expenses	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Compensation and employee benefits														
Salaries	327	313	308	311	293	302	300	292	274	277	640	595	1,214	1,143
Variable compensation	275	244	275	238	222	217	234	237	236	247	519	439	952	954
Pension plans and other post-employment benefits	91	103	78	89	92	97	82	89	91	107	194	189	356	369
	693	660	661	638	607	616	616	618	601	631	1,353	1,223	2,522	2,466
Occupancy and technology														
Rent	26	23	48	39	41	41	38	37	39	37	49	82	169	151
Taxes & insurance	2	1	1	3	4	3	4	3	3	3	3	7	11	13
Maintenance, lighting, heating	14	8	7	7	8	7	7	7	7	8	22	15	29	29
Amortization - Premises and equipement	35	34	10	13	10	11	11	11	11	10	69	21	44	43
Technology	100	96	91	90	100	91	94	85	93	103	196	191	372	375
Amortization - Technology	76	73	67	66	72	70	63	64	60	58	149	142	275	245
	253	235	224	218	235	223	217	207	213	219	488	458	900	856
Other expenses														
Communications	13	16	16	14	16	16	15	15	17	16	29	32	62	63
Professional fees	58	59	70	60	57	62	65	63	56	60	117	119	249	244
Capital and payroll taxes	17	18	15	16	19	20	19	20	20	20	35	39	70	79
Travel & business development	26	29	34	31	32	31	43	30	27	28	55	63	128	128
Other	61	61	64	65	60	58	61	58	58	50	122	118	247	227
	175	183	199	186	184	187	203	186	178	174	358	371	756	741
	1,121	1,078	1,084	1,042	1,026	1,026	1,036	1,011	992	1,024	2,199	2,052	4,178	4,063

Consolidated Balance Sheets

	20	20		20	19			20	18	
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Assets										
Cash and deposits with financial institutions	27,800	12,454	13,698	11,552	10,498	12,353	12,756	11,037	10,948	11,205
Securities	84,667	92,299	82,226	84,732	78,621	74,713	69,783	73,369	73,442	72,217
Securities purchased under reverse repurchase agreements										
and securities borrowed	17,710	11,689	17,723	13,928	17,193	15,162	18,159	16,253	17,636	16,520
Loans										
Residential mortgage - insured	30,455	30,069	29,982	29,897	29,538	29,780	29,911	29,997	30,025	30,386
- uninsured	29,761	28,428	27,189	26,085	25,075	24,351	23,740	22,734	21,849	21,163
Personal Credit card	36,879	36,845	36,944	36,947	36,738	36,698	37,357	36,459	36,155	35,556
	1,901	2,255	2,322	2,322	2,324	2,249	2,325	2,285	2,245	2,206
Business and government	57,723 7,042	52,376	50,599	49,950	48,896	47,469	46,606	45,358	43,604 6,652	41,117 6,587
Customers' liability under acceptances Allowances for credit losses	(1,033)	6,871 (693)	6,893 (678)	6,834 (687)	6,854 (683)	6,827 (664)	6,801 (658)	6,661 (658)	(666)	(663)
Allowances for credit losses	162,728	156,151	153,251	151,348	148,742	146,710	146,082	142,836	139,864	136,352
Other assets	24,045	16,598	14,560	14,752	14,052	14,417	15,691	14,142	14,369	14,771
Total assets	316,950	289,191	281,458	276,312	269,106	263,355	262,471	257,637	256,259	251,065
Liabilities and equity	310,330	200,101	201,430	2,0,312	205,100	200,000	202,471	231,031	230,233	231,003
Deposits										
Personal	63,869	61,384	60,065	58,951	58,170	57,726	55,688	54,277	53,969	53,329
Business and government	131,791	130,877	125,266	123,699	116,114	110,164	110,321	107,135	104,496	97,492
Deposit-taking institutions	5,785	5,243	4,235	4,569	5,135	5,040	4,821	5,183	6,309	5,958
Deposit taking institutions	201,445	197,504	189,566	187,219	179,419	172,930	170,830	166,595	164,774	156,779
Other	201,443	177,304	107,500	107,217	1/ /,71	1, 2,750	170,050	100,555	104,774	130,773
Acceptances	7,042	6,871	6,893	6,834	6,854	6,827	6,801	6,661	6,652	6,587
Obligations related to securities sold short	15,421	12,263	12,849	13,917	15,394	15,306	17,780	15,033	12,827	15,800
Obligations related to securities sold under	-,-	,	,	- ,2	-,	-,	.,	-,	,	-,
repurchase agreements and securities loaned	34,345	22,054	21,900	19,764	20,378	21,311	19,998	23,883	26,645	26,772
Derivative financial instruments	15,200	6,982	6,852	6,211	5,481	6,251	6,036	5,702	5,782	7,251
Liabilities related to transferred receivables	21,239	20,824	21,312	20,549	20,236	19,298	20,100	19,190	19,620	19,048
Other liabilities	5,665	6,498	6,177	6,150	5,837	6,153	5,824	5,566	5,196	5,112
	98,912	75,492	75,983	73,425	74,180	75,146	76,539	76,035	76,722	80,570
Subordinated debt	779	774	773	773	772	764	747	753	755	8
	99,691	76,266	76,756	74,198	74,952	75,910	77,286	76,788	77,477	80,578
Equity										
Equity attributable to the Bank's shareholders										
Preferred shares	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,150	2,150
Common shares	3,028	3,028	2,949	2,914	2,901	2,880	2,822	2,825	2,868	2,861
Contributed surplus	46	44	51	53	52	53	57	53	52	52
Retained earnings	10,058	9,556	9,312	9,044	8,889	8,695	8,472	8,404	8,018	7,785
Accumulated other comprehensive income	(137)	(7) 15,071	16	59	50 14,342	65 14,143	175	159	139	110
Non-controlling interests	15,445 369	350	14,778 358	14,520 375	393	372	13,976 379	13,891 363	13,227 781	12,958 750
NOI-controlling interests	15,814	15,421	15,136	14,895	14,735	14,515	14,355	14,254	14,008	13,708
Total liabilities & equity	316,950	289,191	281,458	276,312	269,106	263,355	262,471	257,637	256,259	251,065
Mortgage loan securitization (includes HELOC)	19,734	19,831	20,058	19,753	19,523	18,805	20,075	19,060	19,297	18,424
Credit card securitization	1,402	1,671	1,746	1,777	1,779	1,737	1,810	1,806	1,757	1,740
Covered bonds	10,108	9,465	9,458	9,403	8,339	8,331	8,285	8,461	7,482	7,160
Mutual funds	36,324	38,776	36,819	36,353	34,407	32,255	31,874	33,741	32,911	32,838
Debt securities - excess of market value over book value	116	142	117	98	77	32	(60)	(43)	(28)	(9)
Equity securities - excess of market value over book value	(27)	(10)	(27)	(19)	(12)	(13)	(5)		(2)	2

Consolidated Statements of Changes in Equity

	20	20		20	19			20	18		Υ	TD	Full	Year
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Preferred Shares at beginning	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,150	2,150	2,050	2,450	2,450	2,450	2,050
Issuances of preferred shares	-	-	_	-	_	-	-	300	_	300	_	_	-	600
Redemption of preferred shares for cancellation	_	-	_	-	_	-	-	_	_	(200)	_	-	_	(200
Preferred Shares at end	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,150	2,150	2,450	2,450	2,450	2,450
Common Shares at beginning	3,028	2,949	2,914	2,901	2,880	2,822	2,825	2,868	2,861	2,768	2,949	2,822	2,822	2,768
Issuances of common shares pursuant to the Stock Option Plan	5	79	44	27	28	23	23	13	21	71	84	51	122	128
Repurchases of common shares for cancellation	(5)	_	(9)	(14)	(8)	(9)	(26)	(13)	(12)	(13)	(5)	(17)	(40)	(64
Impact of shares purchased or sold for trading	-	-	-	-	1	44	_	(43)	(2)	35	-	45	45	(10
Common Shares at end	3,028	3,028	2,949	2,914	2,901	2,880	2,822	2,825	2,868	2,861	3,028	2,901	2,949	2,822
Contributed surplus at beginning	44	51	53	52	53	57	53	52	52	58	51	57	57	58
Stock option expense	3	2	2	3	3	3	3	3	3	3	5	6	11	12
Stock options exercised	(1)	(9)	(5)	(3)	(4)	(3)	(1)	(2)	(3)	(9)	(10)	(7)	(15)	(15
Other	-	-	1	1	_	(4)	2	_	-	-	-	(4)	(2)	2
Contributed surplus at end	46	44	51	53	52	53	57	53	52	52	46	52	51	57
Retained Earnings at beginning	9,556	9,312	9,044	8,889	8,695	8,472	8,404	8,018	7,785	7,706	9,312	8,472	8,472	7,706
Impact of adopting IFRS 15 on November 1, 2018 (IFRS 9 on November 1, 2017)	-	-	-	-	-	(4)	-	-	-	(139)		(4)	(4)	(139
Net income attributable to the Bank's shareholders	368	594	590	591	539	536	550	546	522	527	962	1,075	2,256	2,145
Dividends on preferred shares	(29)	(29)	(29)	(29)	(29)	(29)	(32)	(25)	(26)	(22)	(58)	(58)	(116)	(105
Dividends on common shares	(238)	(238)	(228)	(228)	(218)	(218)	(209)	(211)	(204)	(205)		(436)	(892)	(829
Premium paid on common shares redeemed for cancellation	(25)	-	(57)	(79)	(54)	(51)	(162)	(82)	(81)	(78)	(25)	(105)	(241)	(403
Share issuance expenses, net of income taxes	-	-	-	-	-	_	-	(6)	(1)	(5)	-	-	-	(12
Remeasurements of pension plans and other post-employment benefit plans	319	(63)	(13)	(83)	13	(52)	(70)	140	(3)	36	256	(39)	(135)	103
Net gains (losses) on equity securities designated at fair value through	<i>(</i>)		-	(-)			(-)						()	
other comprehensive income	(35)	11	(7)	(9)	1	(6)	(3)	1	(3)	3	(24)	(5)	(21)	(2
Net fair value change attributable to the credit risk on	4.40	(24)	4.0	(2)	(50)					(0.0)		(5)	_	
financial liabilities designated at fair value through profit or loss	142	(31)	13	(3)	(58)	53	6	22	19	(26)	111	(5)	5 (4.2)	21
Impact of a financial liability resulting from put options written to non-controlling interests Other	_	-	- (1)	(6) 1	(2) 2	(4) (2)	(12)	- 1	10	(12)	_	(6)	(12)	(13
Retained Earnings at end	10,058	9,556	9.312	9,044	8,889	8,695	8,472	8,404	8,018	7,785	10,058	8,889	9,312	8,472
Accumulated other comprehensive income at beginning	(7)	9,556	59	50	65	175	159	139	110	168	16	175	175	168
Impact of Adopting IFRS 9 on November 1, 2017		10	- 39	-	- 05	1/5	159	159	110	(10)	10	1/5	1/5	(10
Net foreign currency translation adjustments	105	-	(7)	(26)	33	(6)	13	18	57	(61)	111	27	(6)	27
Net change in unrealized gains (losses) on debt securities at fair value through	105	U	(/)	(20)	,,,	(0)	1,5	10	31	(01)	111	21	(0)	21
other comprehensive income	28	12	3	(3)	3	(2)	(5)	(4)	(12)	5	40	1	1	(16
Net change in gains (losses) on cash flow hedges	(266)	(41)	(38)	38	(54)	(103)	13	1	(15)	6	(307)	(157)	(157)	5
Share in the other comprehensive income of associates and joint ventures	3	(+1)	(1)	_	3	1	(5)	5	(1)	2	3	4	3	1
Accumulated other comprehensive income at end	(137)	(7)	16	59	50	65	175	159	139	110	(137)	50	16	175
Equity attributable to the Bank's shareholders	15,445	15,071	14,778	14,520	14,342	14,143	13,976	13,891	13,227	12,958	15,445	14,342	14,778	13,976
Non-controlling interests at beginning	350	358	375	393	372	379	363	781	750	808	358	379	379	808
Impact of Adopting IFRS 9 on November 1, 2017	_	-	-	-	_	-	-	-	_	(16)		_	-	(16
Purchase of the non-controlling interest of the Advanced Bank of Asia Limited subsidiary	_	_	(30)	_	_	-	_	_	_	_	_	_	(30)	_ \
Redemption of trust units issued by NBC Asset Trust	_	_	-	_	_	-	_	(400)	_	_	-	_	_	(400
Net income attributable to non-controlling interests	11	16	14	17	19	16	16	23	25	23	27	35	66	87
Other comprehensive income attributable to non-controlling interests	7	1	(1)	(2)	3	(1)	1	1	4	(5)	8	2	(1)	1
Distributions to non-controlling interests	1	(25)	_	(33)	(1)	(22)	(1)	(42)	2	(60)	(24)	(23)	(56)	(101
Non-controlling interests at end	369	350	358	375	393	372	379	363	781	750	369	393	358	379
Equity	15.814	15,421	15,136	14,895	14,735	14,515	14,355	14,254	14,008	13,708	15,814	14,735	15,136	14,355

Consolidated Statements of Comprehensive Income

Cheer comprehensive income, and of income taxes the translation decident one income the translation decident of the income technique of the decident of the income of the translation decident one income the translation decident of the income of the translation against floates— the translation decident of the income of the translation against floates— the translation floating carriers y translation (against floates— the translation floating of the decident of the income of the translation (against floates) 170 13 (10) (41) 50 (0) 21 22 3 78 (41) 192 42 (9) 41 the total properties of the income of the income of the translation (against floates) 170 16 (6) 7 15 (14) 1 (7) (5) (7) 170 (7) 170 (7) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		2020 2019 2018						Υ	TD .	Full	Year				
Characteristic forms that may be subsequently reclassified to net income ket there that may be subsequently reclassified to net income ket therefore comments probability of the forms of the compeniors of the co		Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Here that may be subsequently reclassified to net income Het foreign course(presistation algistisments) Het foreign course(presistation algistisments) 179 13 (10) (41) 55 (6) 21 23 78 (81) 152 42 (0) 41 Het refress (course) presistation algistisments 179 13 (10) (41) 55 (6) 21 23 78 (81) 152 42 (0) 41 Het refress (course) presistation agains (passes on investments in foreign 1	Net income	379	610	604	608	558	552	566	569	547	550	989	1,110	2,322	2,232
Net forcing conversely mediatatine aglicit licenses 179	Other comprehensive income, net of income taxes														
Net consideration for common translation gains (losses) 17	Items that may be subsequently reclassified to net income														
1	Net foreign currency translation adjustments														
Net foreign currency translation (gains) losses on investments in loreign or programments of loreign currency translation gains (losses) (7) (8) (2) (2) (3) (4) (1) (2) (2) (7) (3) (3) (3) (4) (3) (3) (3) (4) (3) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (4) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Net unrealized foreign currency translation gains (losses)														
Sear-Binder on entincemone 6 8 8	on investments in foreign operations	179	13	(10)	(41)	50	(8)	21	23	78	(81)	192	42	(9)	41
Impact of hedging and froeign currency translation gains) Goosen's media scaling of the diging and froeign currency translation (gains) losses 12	Net foreign currency translation (gains) losses on investments in foreign														
Impact of hedding net foreign currency translation (gains) losses reclassified to net income	1 '	-	-			-	-	-	-	-	-	-	-		-
reclassified to net income 112 7 (6) 6	Impact of hedging net foreign currency translation gains (losses)	(67)	(6)	2	15	(14)	1	(7)	(5)	(21)	20	(73)	(13)	4	(13)
Net change in debt securities at fair value through other comprehensive income reclassified to net income (57) (11) (8) (22) (13) (10) (4) (7) (10) (14) (10) (14) (10) (14) (10) (14) (10) (15) (137) (137) (14) (16) (16) (16) (16) (16) (16) (16) (16															
Net change in debt securities at fair value through other comprehensive income tet unrealized gains (losses) on debt securities at fair value through other comprehensive income (so) and in the comprehensive income (so) (11) (8) (22) (13) (10) (4) (7) (3) 1 (68) (23) (53) (5) (51) (68) (68) (68) (68) (68) (68) (68) (69) (70) (11) (10) (10) (10) (10) (10) (10) (1	reclassified to net income	_	-	(6)	6	-	-	-	-	-	-	ı	-	-	ı
where comprehensive income Net unrealized gains (losses) on debt securities at fair value through other comprehensive income reclassified to net income (57) (11) (8) (22) (13) (10) (4) (7) (3) 1 (68) (23) (53) (53) (53) (53) (53) (53) (53) (5		112	7	(8)	(28)	36	(7)	14	18	57	(61)	119	29	(7)	28
Net unrealized agains flosses on debt securities at fair value through other comprehensive income (57) (11) (8) (22) (13) (10) 4 (7) (3) 1 (68) (23) (53) (53) (53) (53) (54) (54) (54) (54) (54) (54) (54) (54	Net change in debt securities at fair value through														
the comprehensive income (83 23 11 19 16 8 9) 3 (9) 4 106 24 54 (11) Net (ains) losses on debt securities at fair value through other comprehensive income reclassified to ne income (57) (11) (8) (22) (13) (10) 4 (7) (3) 1 (66) (23) (53) (53) (53) (53) (53) (53) (53) (5	I														
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Comprehensive income reclassified to net income (57) (11) (8) (22) (13) (10) 4 (77) (3) 1 (68) (23) (53) (53) (53) (53) (53) (53) (54) (54) (54) (54) (54) (54) (54) (54	· · · · · · · · · · · · · · · · · · ·	83	23	11	19	16	8	(9)	3	(9)	4	106	24	54	(11)
Change in allowances for credit tosses on debt securities at fair value through other comprehensive income reclassifed to net income 2															
Comprehensive income reclassified to net income 2 - - - - - - - - -	comprehensive income reclassified to net income	(57)	(11)	(8)	(22)	(13)	(10)	4	(7)	(3)	1	(68)	(23)	(53)	(5)
Comprehensive income	Change in allowances for credit losses on debt securities at fair value through														
Net change in cash flow hedges Net gains (losses) on derivative financial instruments designated as cash flow hedges Net gains (losses) on derivative financial instruments Net gains (losses) on derivative financial instruments Net gains (losses) on designated derivative financial instruments reclassified to net income (4) (3) (5) (3) (3) (9) (14) (11) (11) (10) (7) (12) (20) (46) (266) (41) (38) 38 (54) (103) 13 2 (11) 1 (307) (157) (157) (157) 5 Share in the other comprehensive income of associates and joint ventures 3 - (1) - 3 1 (5) 5 (1) 2 3 4 3 1 Items that will not be subsequently reclassified to net income Remeasurements of pension plans and other post-employment benefit plans Net gains (losses) on equity securities designated at fair value through other comprehensive income (35) 11 (7) (9) 1 (6) (3) 1 (3) 3 (24) (5) (21) (2) Net fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss 142 (31) 13 (3) (58) 53 6 22 19 (26) 111 (5) 5 21 Note fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss 142 (31) 13 (3) (58) 53 6 22 19 (26) 111 (5) 5 21 Note fair value change attributable to more, net of income taxes 303 (105) (51) (88) (56) (116) (50) 184 46 (40) 198 (172) (311) 140 Comprehensive income 682 505 553 520 502 436 516 753 593 510 1,187 938 2,011 2,372 Comprehensive income attributable to	other comprehensive income reclassifed to net income		_	-	_	-	_	_	_		-	2	_	-	
Net gains (losses) on derivative financial instruments designated as cash flow hedges (262) (38) (33) 41 (51) (94) 27 13 - 11 (300) (145) (137) 51 Net (263n) losses on designated derivative financial instruments reclassified to net income (4) (3) (5) (3) (3) (9) (14) (11) (11) (10) (7) (12) (20) (46) (46) (47) (47) (47) (47) (47) (47) (47) (47		28	12	3	(3)	3	(2)	(5)	(4)	(12)	5	40	1	1	(16)
designated as cash flow hedges (262) (38) (33) 41 (51) (94) 27 13 - 11 (300) (145) (137) 51 Wet (gains) losses on designated derivative financial instruments reclassified to net income (4) (3) (5) (3) (3) (9) (14) (11) (11) (10) (7) (12) (20) (46) (46) (47) (38) 38 (54) (103) 13 2 (11) 1 (307) (157) (157) (55) Share in the other comprehensive income of associates and joint ventures (5) (66) (41) (38) 38 (54) (103) 13 2 (11) 1 (307) (157) (1	Net change in cash flow hedges														
Net (gains) losses on designated derivative financial instruments reclassified to net income (4) (3) (5) (3) (3) (9) (14) (11) (11) (10) (7) (12) (20) (46) (Ac) (Ac) (Ac) (Ac) (Ac) (Ac) (Ac) (Ac)	Net gains (losses) on derivative financial instruments														
instruments reclassified to net income (4) (3) (5) (3) (3) (9) (14) (11) (11) (10) (7) (12) (20) (46) (266) (41) (38) 38 (54) (103) 13 2 (11) 1 (307) (157) (157) 5 Share in the other comprehensive income of associates and joint ventures (3) - (1) - (3) 1 (5) 5 (1) 2 (3) 4 (3) 1 Items that will not be subsequently reclassified to net income Remeasurements of pension plans and other post-employment benefit plans (35) 11 (7) (9) 1 (6) (3) 1 (3) 3 (2) (70) 140 (3) 3 (24) (5) (21) (22) Net fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss (35) 11 (7) (95) (44) (5) (58) 53 6 22 19 (26) 111 (5) 5 21 Total other comprehensive income (426 (83) (7) (95) (44) (5) (67) 163 13 13 13 343 (49) (155) 122 Total other comprehensive income (88) 505 553 520 502 436 516 753 593 510 1,187 938 2,011 2,372 Comprehensive income attributable to (88) 540 505 480 421 499 729 564 492 1,152 901 1,946 2,284	designated as cash flow hedges	(262)	(38)	(33)	41	(51)	(94)	27	13	-	11	(300)	(145)	(137)	51
Comprehensive income	Net (gains) losses on designated derivative financial														
Share in the other comprehensive income of associates and joint ventures	instruments reclassified to net income	(4)	(3)	(5)	(3)	(3)	(9)	(14)	(11)	(11)	(10)	(7)	(12)	(20)	(46)
of associates and joint ventures		(266)	(41)	(38)	38	(54)	(103)	13	2	(11)	1	(307)	(157)	(157)	5
Remeasurements of pension plans and other post-employment benefit plans 319 (63) (13) (83) 13 (52) (70) 140 (3) 36 256 (39) (135) 103 Net gains (losses) on equity securities designated at fair value through other comprehensive income (35) 11 (7) (9) 1 (6) (3) 1 (3) 3 (24) (5) (21) (2) Net fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss 142 (31) 13 (3) (58) 53 6 22 19 (26) 111 (5) 5 21 142 (83) (7) (95) (44) (5) (67) 163 13 13 343 (49) (151) 122 Total other comprehensive income, net of income taxes 303 (105) (51) (88) (56) (116) (50) 184 46 (40) 198 (172) (311) 140 Comprehensive income 804 805 505 553 520 502 436 516 753 593 510 1,187 938 2,011 2,372 Comprehensive income attributable to 805 807 807 808 807 809 809 809 809 809 809 809 809 809 809	Share in the other comprehensive income														
Remeasurements of pension plans and other post-employment benefit plans 319 (63) (13) (83) 13 (52) (70) 140 (3) 36 256 (39) (135) 103 Net gains (losses) on equity securities designated at fair value through other comprehensive income (35) 11 (7) (9) 1 (6) (3) 1 (3) 3 (24) (5) (21) (2) Net fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss 142 (31) 13 (3) (58) 53 6 22 19 (26) 111 (5) 5 21 Total other comprehensive income, net of income taxes 303 (105) (51) (88) (56) (116) (50) 184 46 (40) 198 (172) (311) 140 Comprehensive income 682 505 553 520 502 436 516 753 593 510 1,187 938 2,011 2,372 Comprehensive income attributable to Bank shareholders 664 488 540 505 480 421 499 729 564 492 1,152 901 1,946 2,284	of associates and joint ventures	3	_	(1)	-	3	1	(5)	5	(1)	2	3	4	3	1
Net gains (losses) on equity securities designated at fair value through other comprehensive income (35) 11 (7) (9) 1 (6) (3) 1 (3) 3 (24) (5) (21) (2) Net fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss 142 (31) 13 (3) (58) 53 6 22 19 (26) 111 (5) 5 21 142 (31) 13 (3) (58) 53 6 (22) 19 (26) 111 (5) 5 21 143 (31) 13 (3) (58) 53 (67) 163 13 13 343 (49) (151) 122 144 (5) (67) 163 13 13 343 (49) (151) 122 145 (31) 140 (5) (51) (88) (56) (116) (50) 184 46 (40) 198 (172) (311) 140 144 (5) (5) (67) 163 13 13 13 343 (49) (151) 122 154 (5) (5) (5) (5) (5) (5) (67) 163 13 13 13 343 (49) (151) 122 155 (5) (5) (5) (5) (67) (5) (88) (5) (5) (16) (50) 184 46 (40) 198 (172) (311) 140 155 (5) (5) (5) (5) (5) (5) (5) (5) (5) (Items that will not be subsequently reclassified to net income														
Comprehensive income (35) 11 (7) (9) 1 (6) (3) 1 (3) 3 (24) (5) (21) (2) Net fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss 142 (31) 13 (3) (58) 53 6 22 19 (26) 111 (5) 5 21 Total other comprehensive income attributable to the credit risk on financial liabilities (31) 13 (3) (58) 53 6 22 19 (26) 111 (5) 5 21 Total other comprehensive income, net of income taxes 303 (105) (51) (88) (56) (116) (50) 184 46 (40) 198 (172) (311) 140 Comprehensive income attributable to 882 505 553 520 502 436 516 753 593 510 1,187 938 2,011 2,372 Comprehensive income attributable to 881 540 505 480 421 499 729 564 492 1,152 901 1,946 2,284	Remeasurements of pension plans and other post-employment benefit plans	319	(63)	(13)	(83)	13	(52)	(70)	140	(3)	36	256	(39)	(135)	103
Net fair value change attributable to the credit risk on financial liabilities designated at fair value through profit or loss 142 (31) 13 (3) (58) 53 6 22 19 (26) 111 (5) 5 21 426 (83) (7) (95) (44) (5) (67) 163 13 13 343 (49) (151) 122 Total other comprehensive income, net of income taxes 303 (105) (51) (88) (56) (116) (50) 184 46 (40) 198 (172) (311) 140 Comprehensive income 682 505 553 520 502 436 516 753 593 510 1,187 938 2,011 2,372 Comprehensive income attributable to Bank shareholders 664 488 540 505 505 480 421 499 729 564 492 1,152 901 1,946 2,284	Net gains (losses) on equity securities designated at fair value through other														
designated at fair value through profit or loss 142 (31) 13 (3) (58) 53 6 22 19 (26) 111 (5) 5 21	comprehensive income	(35)	11	(7)	(9)	1	(6)	(3)	1	(3)	3	(24)	(5)	(21)	(2)
designated at fair value through profit or loss 142 (31) 13 (3) (58) 53 6 22 19 (26) 111 (5) 5 21	Net fair value change attributable to the credit risk on financial liabilities														
426 (83) (7) (95) (44) (5) (67) 163 13 13 343 (49) (151) 122		142	(31)	13	(3)	(58)	53	6	22	19	(26)	111	(5)	5	21
Total other comprehensive income, net of income taxes 303 (105) (51) (88) (56) (116) (50) 184 46 (40) 198 (172) (311) 140 Comprehensive income 682 505 553 520 502 436 516 753 593 510 1,187 938 2,011 2,372 Comprehensive income attributable to Bank shareholders 664 488 540 505 480 421 499 729 564 492 1,152 901 1,946 2,284	addigitated at rail value and agri profit of tood														
Comprehensive income 682 505 553 520 502 436 516 753 593 510 1,187 938 2,011 2,372 Comprehensive income attributable to Bank shareholders 664 488 540 505 480 421 499 729 564 492 1,152 901 1,946 2,284	Total other comprehensive income net of income taxes														
Comprehensive income attributable to Bank shareholders 664 488 540 505 480 421 499 729 564 492 1,152 901 1,946 2,284	•														
Bank shareholders 664 488 540 505 480 421 499 729 564 492 1,152 901 1,946 2,284	Lomprenensive income	682	505	553	520	502	436	516	753	593	510	1,187	938	2,011	2,372
	Comprehensive income attributable to														
Non-controlling interests	Bank shareholders														
National Bank of Canada – Supplementary Financial Information	Non-controlling interests	18	17	13	15	22	15	17	24	29	18	35	37	65	

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

				20	20						2019	
			Q2				Q1				Q4	
			Allowances for				Allowances for				Allowances for	
		Gross	credit losses on	Provisions for		Gross	credit losses on	Provisions for		Gross	credit losses on	Provisions for
		impaired	impaired loans ⁽³⁾	credit losses on		impaired	impaired loans ⁽³⁾	credit losses on		impaired		credit losses on
	Gross loans	loans ⁽²⁾	Stage 3	impaired loans	Gross loans	loans ⁽²⁾	Stage 3	impaired loans	Gross loans	loans ⁽²⁾	Stage 3	impaired loans
Residential mortgages ⁽⁴⁾	77,387	199	31	3	75,737	187	28	2	74,448	183	28	3
Qualifying revolving retail	3,600	24	17	29	3,984	24	16	30	4,099	24	15	29
Other retail ⁽⁵⁾	11,531	88	56	25	11,585	87	53	28	11,606	84	49	30
Total – Retail	92,518	311	104	57	91,306	298	97	60	90,153	291	92	62
Agriculture	6,425	90	8	4	6,405	84	5	_	6,308	77	4	(1)
Oil & Gas and Pipelines	5,439	61	22	6	4,224	45	16	(1)	4,329	63	32	_
Oil & Gas	2,863	61	22	6	2,502	45	16	(1)	2,742	63	32	-
Pipelines & Other	2,576	-	-	-	1,722	-	-	-	1,587	-	-	-
Mining	1,305	-	-	-	757	-	-	-	758	-	-	-
Utilities	3,953	30	8	-	3,586	30	8	8	3,372	-	-	
Construction Non-Real Estate ⁽⁶⁾	870	39	12	10	888	1	1	-	1,168	-	-	-
Manufacturing	6,560	39	30	1	6,330	64	38	12	6,303	50	28	-
Wholesale	2,310	7	5	1	2,252	6	4	(5)	2,221	28	10	1
Retail	3,713	30	12	9	3,299	6	2	-	3,289	4	2	
Transportation	1,790	12	9	8	1,666	1	1	-	1,682	9	1	-
Communications	1,585	36	23	7	1,449	28	15	2	1,614	27	11	4
Finance and Insurance	5,271	8	1	_	4,387	10	1	-	4,335	12	1	-
Real Estate and Construction												
Real Estate ⁽⁷⁾	12,687	29	13	-	12,415	32	13	1	11,635	32	14	6
Professional Services	2,072	10	5	1	1,908	9	4	-	1,846	8	5	2
Education & Health Care	3,745	39	29	9	3,397	40	22	4	3,520	62	21	6
Other Services	5,375	37	19	7	5,116	21	13	1	4,937	20	12	(2)
Government	1,252	_	_	_	1,195	_	-	_	1,071	_	_	_
Other	5,786	2	1	_	5,240	2	1	_	4,222	1	1	_
Total – Non-retail	70,138	469	197	63	64,514	379	144	22	62,610	393	142	16
	162,656	780	301	120	155,820	677	241	82	152,763	684	234	78
Stages 1 and 2 ⁽⁸⁾ – Retail			493	123			365	_			365	5
Stages 1, 2 and 3 ⁽⁸⁾ – Non-retail			486	268			221	8			213	3
Purchased or originated credit-impaired (POCI)	1,105	1,105	(69)	(7)	1,024	1,024	(58)	(1)	1,166	1,166	(57)	3
Total	163,761	1,885	1,211	504	156,844	1,701	769	89	153,929	1,850	755	89

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

⁽²⁾ All loans classified in Stage 3 of the expected credit loss model are impaired loans.

⁽³⁾ Allowances for credit losses on drawn amounts.

⁽⁴⁾ Includes residential mortgages on one-to-four-unit 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⁾ Includes civil engineering loans, public-private partnership loans, and project finance loans.

⁽⁷⁾ Includes residential mortgages on dwellings of five or more units and SME loans.

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

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

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

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

⁽²⁾ All loans classified in Stage 3 of the expected credit loss model are impaired loans.

⁽³⁾ Allowances for credit losses on drawn amounts.

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

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

⁽⁶⁾ Includes civil engineering loans, public-private partnership loans, and project finance loans.

⁽⁷⁾ Includes residential mortgages on dwellings of five or more units and SME loans.

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

Residential Mortagaes Portfolios Information

									Q2 2020					
									Average LT	V for mortgages originated	Re	sidential Mortgages ⁽²⁾ exposure	Resider	ntial Mortgage Portfoli
						Resi	dential Mortgag	es Portfolios		quired during the quarter ⁽¹⁾		groups by LTV buckets(1)(3)		naining amortization)(1
		Insured		Uninsured		HELOC		Total	Uninsured ⁽⁵⁾	HELOC(6)		Canada		Cana
Quebec	12,598	17.4%	12,120	16.7%	14,816	20.5%	39,534	54.6%	72%	71%	30 % or less	5.3%	0 - 20 years	27.4
Ontario	7,140	9.9%	6,385	8.8%	5,562	7.7%	19,087	26.4%	70%	64%	31 % - 60 %	34.0%	20 - 25 years	51.0
Alberta	3,866	5.3%	812	1.1%	901	1.2%	5,579	7.6%	71%	70%	61 % - 70 %	20.3%	25 - 30 years	20.7
British Columbia	1,997	2.7%	1,208	1.7%	1,413	2.0%	4,618	6.4%	65%	62%	71 % - 80 %	24.1%	30 - 35 years	0.9
New Brunswick	566	0.8%	330	0.5%	255	0.3%	1,151	1.6%	74%	73%	81 % - 90 %	8.5%	35 years and +	0.0
Saskatchewan	742	1.0%	136	0.2%	196	0.3%	1,074	1.5%	70%	75%	91 % - 95 %	3.7%	Total	100.0
Manitoba	342	0.5%	99	0.1%	147	0.2%	588	0.8%	74%	73%	96 % or more	4.1%		
Other Canadian provinces(7)	520	0.7%	132	0.2%	133	0.2%	785	1.1%	71%	73%	Total	100.0%		
·	27,771	38.3%	21,222	29.3%	23,423	32.4%	72,416	100.0%	71%	69%				
USA, Cambodia and Others			4,971		,		4,971							
Other residential mortgages (8)	2,684		3,568				6,252							
Other residential mortgages	30,455	36.4%	29,761	35.6%	23,423	29.2%	83,639	100.0%						
	30,433	36.4%	29,/01	33.0%	23,423	29.2%	63,039	100.0%						
									Q1 2020					
										V for mortgages originated	Re	sidential Mortgages ⁽²⁾ exposure		ntial Mortgage Portfol
						Resi	dential Mortgag	es Portfolios	and ac	quired during the quarter ⁽¹⁾		groups by LTV buckets(1)(3)	(ren	naining amortization) ⁽
		Insured		Uninsured		HELOC		Total	Uninsured ⁽⁵⁾	HELOC(6)		Canada		Cana
Quebec	12,592	17.7%	11,607	16.3%	14,666	20.6%	38,865	54.6%	72%	71%	30 % or less	5.2%	0 - 20 years	26.7
Ontario	7,151	10.0%	6,120	8.6%	5,471	7.7%	18,742	26.3%	70%	64%	31 % - 60 %	33.4%	20 - 25 years	51.7
Alberta	3,747	5.3%	802	1.1%	901	1.3%	5,450	7.7%	72%	70%	61 % - 70 %	20.2%	25 - 30 years	20.8
British Columbia	2,004	2.8%	1,181	1.7%	1,385	1.9%	4,570	6.4%	65%	59%	71 % - 80 %	24.8%	30 - 35 years	0.8
New Brunswick	572	0.8%	316	0.4%	250	0.4%	1,138	1.6%	73%	73%	81 % - 90 %	8.6%	35 years and +	0.0
Saskatchewan	732	1.0%	134	0.2%	192	0.3%	1,058	1.5%	70%	73%	91 % - 95 %	3.8%	Total	100.0
Manitoba	337	0.5%	96	0.1%	143	0.2%	576	0.8%	74%	72%	96 % or more	4.0%		
Other Canadian provinces(7)	511	0.7%	125	0.1%	130	0.2%	766	1.1%	72%	73%	Total	100.0%		
Other Canadian provinces	27,646	38.8%	20,381	28.6%	23,138	32.6%	71,165	100.0%	71%	68%	Total	100.0 %		
	27,040	30.0%		20.0%	23,136	32.0%		100.0%	/176	08%				
USA, Cambodia and Others			4,572				4,572							
Other residential mortgages ⁽⁸⁾	2,423		3,475				5,898							
	30,069	36.8%	28,428	34.8%	23,138	29.2%	81,635	100.0%						
									Q4 2019					
									Average LT	V for mortgages originated	Re	sidential Mortgages(2) exposure	Resider	ntial Mortgage Portfolio
						Resi	dential Mortgag	es Portfolios	and ac	quired during the quarter(1)		groups by LTV buckets(1)(3)	(ren	naining amortization)(1
		Insured		Uninsured		HELOC		Total	Uninsured ⁽⁵⁾	HELOC(6)		Canada		Cana
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%	4,554	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		1.0%	131	0.2%	191	0.3%	1,051	1.5%	71%	74%	91 % - 95 %	3.8%	Total	100.0
	/29	1.0%									96 % or more			
Manitoba	729 334			0.1%	143	0.2%	565	0.8%	72%	70%		3.9%		
Manitoba Other Canadian provinces ⁽⁷⁾	334	0.5%	88	0.1%	143 130	0.2%	565 755	0.8%	72% 73%	70% 68%		3.9%		
Manitoba Other Canadian provinces ⁽⁷⁾	334 504	0.5% 0.7%	88 121	0.2%	130	0.2%	755	1.1%	73%	68%	Total	3.9% 100.0%		
Other Canadian provinces ⁽⁷⁾	334	0.5%	88 121 19,651				755 70,387							
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others	334 504 27,693	0.5% 0.7%	88 121 19,651 4,061	0.2%	130	0.2%	755 70,387 4,061	1.1%	73%	68%				
Other Canadian provinces ⁽⁷⁾	334 504 27,693	0.5% 0.7% 39.3%	88 121 19,651 4,061 3,477	0.2% 27.9%	130 23,043	0.2% 32.8%	755 70,387 4,061 5,766	1.1% 100.0%	73%	68%				
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others	334 504 27,693	0.5% 0.7%	88 121 19,651 4,061	0.2%	130	0.2%	755 70,387 4,061	1.1%	73%	68%				
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others	334 504 27,693	0.5% 0.7% 39.3%	88 121 19,651 4,061 3,477	0.2% 27.9%	130 23,043	0.2% 32.8%	755 70,387 4,061 5,766	1.1% 100.0%	73%	68%				
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others	334 504 27,693	0.5% 0.7% 39.3%	88 121 19,651 4,061 3,477	0.2% 27.9%	130 23,043	0.2% 32.8%	755 70,387 4,061 5,766	1.1% 100.0%	73% 71% 03 2019 Average LT	68% 68% V for mortgages originated	Total	100.0%		
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others	334 504 27,693	0.5% 0.7% 39.3%	88 121 19,651 4,061 3,477	0.2% 27.9%	130 23,043	0.2% 32.8% 29.2%	755 70,387 4,061 5,766	1.1% 100.0%	73% 71% 03 2019 Average LT	68% 68% V for mortgages originated quired during the quarter ⁽¹⁾	Total	100.0%		
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others	334 504 27,693	0.5% 0.7% 39.3%	88 121 19,651 4,061 3,477	0.2% 27.9%	130 23,043	0.2% 32.8% 29.2%	755 70,387 4,061 5,766 80,214	1.1% 100.0%	73% 71% 03 2019 Average LT	68% 68% V for mortgages originated	Total	100.0%		naining amortization)(1
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others Other residential mortgages ⁽⁸⁾	334 504 27,693 2,289 29,982	0.5% 0.7% 39.3% 37.4%	88 121 19,651 4,061 3,477 27,189	0.2% 27.9% 33.9%	23,043 23,043	0.2% 32.8% 29.2%	755 70,387 4,061 5,766 80,214	1.1% 100.0% 100.0%	73% 71% 03 2019 Average LT and ac	68% 68% V for mortgages originated quired during the quarter ⁽¹⁾	Total	100.0% sidential Mortgages ^{co} exposure groups by LTV buckets ^{coo} Canada	(ren	naining amortization) ⁽¹ Cana
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others	334 504 27,693	0.5% 0.7% 39.3% 37.4%	88 121 19,651 4,061 3,477	0.2% 27.9% 33.9%	130 23,043	0.2% 32.8% 29.2% Resi	755 70,387 4,061 5,766 80,214	1.1% 100.0% 100.0%	73% 71% 03 2019 Average LT and ac Uninsured ^(S)	68% 68% V for mortgages originated quired during the quarter ⁽¹⁾ HELOC ⁽⁶⁾	Total	100.0% sidential Mortgages [™] exposure groups by LTV buckets ^{™™}		naining amortization) ⁽¹ Cana 25.5
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others Other residential mortgages ⁽⁸⁾ Quebec	334 504 27,693 2,289 29,982	0.5% 0.7% 39.3% 37.4% Insured 18.1% 10.5%	88 121 19,651 4,061 3,477 27,189	0.2% 27.9% 33.9% Uninsured 15.5% 8.1%	23,043 23,043 23,043	0.2% 32.8% 29.2% Resi HELOC 20.8% 7.8%	755 70,387 4,061 5,766 80,214 idential Mortgag 37,718 18,280	1.1% 100.0% 100.0% es Portfolios Total 54.4% 26.4%	73% 71% 71% Q3 2019 Average LT and ac Uninsured ⁽³⁾ 72% 70%	68% 68% V for mortgages originated quired during the quarter ¹¹ HELOC ²¹ 72%	Re 30 % or less 31 % - 60 %	sidential Mortgages ⁽²⁾ exposure groups by LTV buckets ⁽³⁾⁽²⁾ Canada 5,1%	0 - 20 years 20 - 25 years	naining amortization) ⁽⁾ Cana 25.5 51.7
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others Other residential mortgages ⁽⁸⁾ Quebec Ontario	334 504 27,693 2,289 29,982 12,537 7,313 3,640	0.5% 0.7% 39.3% 37.4%	88 121 19,651 4,061 3,477 27,189	0.2% 27.9% 33.9% Uninsured 15.5%	130 23,043 23,043 23,043 14,393 5,380 921	0.2% 32.8% 29.2% Resi HELOC 20.8% 7.8% 1.3%	755 70,387 4,061 5,766 80,214 idential Mortgag 37,718	1.1% 100.0% 100.0% 100.0%	73% 71% 03 2019 Average LT and ac Uninsured's 72%	68% V for mortgages originated quired during the quarter ⁽¹⁾ HELOC ⁽⁶⁾ 72% 629	Re 30 % or less	sidential Mortgages ^{co} exposure groups by LTV buckets ^{cool} Canada 5.1% 32.3%	0 - 20 years	naining amortization) ⁰ Cana 25.9 51.7 22.0
Other Canadian provinces ^(r) USA, Cambodia and Others Other residential mortgages ⁽⁸⁾ Quebec Ontario Alberta	334 504 27,693 2,289 29,982 12,537 7,313 3,640 2,076	0.5% 0.7% 39.3% 37.4% Insured 18.1% 10.5% 5.3%	88 121 19,651 4,061 3,477 27,189	0.2% 27.9% 33.9% Uninsured 15.5% 8.1% 1.1%	23,043 23,043 23,043	0.2% 32.8% 29.2% Resi HELOC 20.8% 7.8%	755 70,387 4,061 5,766 80,214 idential Mortgag 37,718 18,280 5,352	1.1% 100.0% 100.0% es Portfolios Total 54.4% 26.4% 7.7%	73% 71% Q3 2019 Average LT and ac Uninsured ^(S) 72% 70% 71%	68% V for mortgages originated quired during the quarter HELOC® 72% 62% 69%	Re 30 % or less 31 % - 60 % 61 % - 70 %	sidential Mortgages ⁶⁷ exposure groups by LTV buckets ⁶⁰⁹ Canada 5.1% 32.3% 20.4%	0 - 20 years 20 - 25 years 25 - 30 years 30 - 35 years	naining amortization) ⁽ Cana 25.: 51.: 22.(
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others Other residential mortgages ⁽⁸⁾ Quebec Ontario Alberta British Columbia New Brunswick	334 504 27,693 2,289 29,982 12,537 7,313 3,640 2,076 578	0.5% 0.7% 39.3% 37.4% Insured 18.1% 10.5% 5.3% 3.0% 0.8%	10,788 5,587 791 1,098	0.2% 27.9% 33.9% Uninsured 15.5% 8.1% 1.19 1.6% 0.4%	130 23,043 23,043 23,043 14,393 5,380 921 1,360 250	0.2% 32.8% 29.2% Resi HELOC 20.8% 7.8% 1.3% 0.4%	755 70,387 4,061 5,766 80,214 dential Mortgag 37,718 18,280 5,352 4,534 1,131	1.1% 100.0% 100.0% 100.0% es Portfolios Total 54.4% 26.4% 7.7% 6.5% 1.6%	73% 71% 71% 03 2019 Average LT and ac Uninsured ⁽³⁾ 72% 70% 71% 62% 7296	68% Vior mortgages originated quired during the quarter ⁽¹⁾ HELOC ^(a) 72% 69% 61% 70%	Re 30 % or less 31 % - 60 % 61 % - 70 % 71 % - 80 % 81 % - 90 %	sidential Mortgages ^{co} exposure groups by LTV buckets ^{cool} Canada 5.1% 32.3% 20.4% 25.6% 8.5%	0 - 20 years 20 - 25 years 25 - 30 years 30 - 35 years 35 years and +	naining amortization) Cana 25. 51. 22. 0.
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others Other residential mortgages ⁽⁸⁾ Quebec Ontario Alberta British Columbia New Brunswick Saskatchewan	334 504 27,693 2,289 29,982 12,537 7,313 3,640 2,076 578 722	0.5% 0.7% 39.3% 37.4% Insured 18.1% 10.5% 5.3% 3.0% 0.8% 0.8%	10,788 5,587 10,788 10,788 5,587 791 1,098 303 127	0.2% 27.9% 33.9% Uninsured 15.5% 8.1% 1.6% 0.4% 0.2%	130 23,043 23,043 23,043 14,393 5,380 921 1,360 250 186	0.2% 32.8% 29.2% Resi HELOC 20.8% 7.8% 1.3% 1.9% 0.4% 0.3%	755 70,387 4,061 5,766 80,214 dential Mortgag 37,718 18,280 5,352 4,534 1,131 1,035	1.1% 100.0% 100.0% es Portfolios Total 54.4% 26.4% 7.7% 6.5% 1.6% 1.5%	73% 71% 71% Q3 2019 Average LT and ac Uninsured's 72% 70% 71% 62% 72% 62% 69%	68% V for mortgages originated quired during the quarter ⁽¹⁾ HELOC ⁽⁶⁾ 62% 69% 61% 70% 74%	Total Re 30 % or less 31 % - 60 % 61 % - 70 % 71 % - 80 % 81 % - 90 % 91 % - 95 %	sidential Mortgages ⁶⁷ exposure groups by LTV buckets ⁶¹⁰⁰ Canada 5.1% 32.3% 20.4% 25.6% 8.5% 4.0%	0 - 20 years 20 - 25 years 25 - 30 years 30 - 35 years	naining amortization) ⁽ Cana 25.9 51.7 22.0 0.8
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others Other residential mortgages ⁽⁸⁾ Quebec Ontario Alberta British Columbia New Brunswick Saskatchewan Manitoba	12,537 7,313 3,640 2,076 578 722 330	0.5% 0.7% 39.3% 37.4% 18.1% 10.5% 5.3% 0.8% 1.0% 0.5%	10,788 5,587 791 10,788 10,788 5,587 791 1,098 303 127 84	0.2% 27.9% 33.9% Uninsured 15.5% 8.1% 1.6% 0.4% 0.2% 0.1%	130 23,043 23,043 23,043 14,393 5,380 921 1,360 250 186 142	0.2% 32.8% 29.2% Resi HELOC 20.8% 7.8% 1.9% 0.4% 0.3% 0.2%	755 70,387 4,061 5,766 80,214 dential Mortgag 37,718 18,280 5,352 4,534 1,131 1,035 556	1.1% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	73% 71% 71% O3 2019 Average LT and ac Uninsured'9 72% 70% 71% 62% 72% 69% 66%	68% 68% V for mortgages originated quired during the quarter 11 72% 62% 69% 61% 70% 74%	Total 30 % or less 31 % - 60 % 61 % - 70 % 71 % - 80 % 81 % - 90 % 91 % - 95 % 96 % or more	sidential Mortgages ⁽¹⁾ exposure groups by LTV buckets (10)	0 - 20 years 20 - 25 years 25 - 30 years 30 - 35 years 35 years and +	naining amortization) ⁽¹ Cana 25.5 51.7 22.0 0.8 0.0
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others Other residential mortgages ⁽⁸⁾ Quebec Ontario Alberta British Columbia New Brunswick Saskatchewan	334 504 27,693 2,289 29,982 12,537 7,313 3,640 2,076 578 722 330 487	0.5% 0.7% 39.3% 37.4% Insured 18.1% 10.5% 5.3% 0.8% 1.0% 0.5% 0.5%	88 121 19,651 4,061 3,477 27,189 10,788 5,587 791 1,098 303 127 84 115	0.2% 27.9% 33.9% Uninsured 15.5% 8.1% 1.1% 0.4% 0.2% 0.1% 0.2%	130 23,043 23,043 23,043 14,393 5,380 921 1,360 250 186 142 130	0.2% 32.8% 29.2% Resi HELOC 20.8% 1.3% 1.9% 0.4% 0.3% 0.2%	755 70,387 4,061 5,766 80,214 dential Mortgag 37,718 18,280 5,352 4,534 1,131 1,035 556 732	1.1% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	73% 71% 71% 3 2019 Average LT and ac Uninsured ⁽³⁾ 72% 71% 62% 72% 69% 66% 66% 66%	V for mortgages originated quired during the quarter ⁽¹⁾ HELOC ⁽⁶⁾ 72% 62% 69% 61% 70% 74% 67%	Total Re 30 % or less 31 % - 60 % 61 % - 70 % 71 % - 80 % 81 % - 90 % 91 % - 95 %	sidential Mortgages ⁶⁷ exposure groups by LTV buckets ⁶¹⁰⁰ Canada 5.1% 32.3% 20.4% 25.6% 8.5% 4.0%	0 - 20 years 20 - 25 years 25 - 30 years 30 - 35 years 35 years and +	naining amortization) ⁽¹ Canac 25.5 51.7 22.0 0.8 0.0
Other Canadian provinces ⁽⁷⁾ USA, Cambodia and Others Other residential mortgages ⁽⁸⁾ Quebec Ontario Alberta British Columbia New Brunswick Saskatchewan Manitoba	12,537 7,313 3,640 2,076 578 722 330	0.5% 0.7% 39.3% 37.4% 18.1% 10.5% 5.3% 0.8% 1.0% 0.5%	10,788 5,587 791 10,788 10,788 5,587 791 1,098 303 127 84	0.2% 27.9% 33.9% Uninsured 15.5% 8.1% 1.6% 0.4% 0.2% 0.1%	130 23,043 23,043 23,043 14,393 5,380 921 1,360 250 186 142	0.2% 32.8% 29.2% Resi HELOC 20.8% 7.8% 1.9% 0.4% 0.3% 0.2%	755 70,387 4,061 5,766 80,214 dential Mortgag 37,718 18,280 5,352 4,534 1,131 1,035 556	1.1% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	73% 71% 71% O3 2019 Average LT and ac Uninsured'9 72% 70% 71% 62% 72% 69% 66%	68% 68% V for mortgages originated quired during the quarter 11 72% 62% 69% 61% 70% 74%	Total 30 % or less 31 % - 60 % 61 % - 70 % 71 % - 80 % 81 % - 90 % 91 % - 95 % 96 % or more	sidential Mortgages ⁽¹⁾ exposure groups by LTV buckets (10)	0 - 20 years 20 - 25 years 25 - 30 years 30 - 35 years 35 years and +	ntial Mortgage Portfolio naining amortization) ¹³ Canac 25.5 51.7 22.0 0.8 0.0 100.0

5,661 **78,744**

22,762

29,897

38.0%

26,085

Other residential mortgages(8)

⁽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) IV 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.

Residential Mortgages Portfolios Information (continued)

millions of	f Canadian	dollars

(millions of Canadian dollars)													
									Q2 2019				
										LTV for mortgages originated	Resi	dential Mortgages ⁽²⁾ exposure	Residential Mortgages Portfolios
Г	_	Insured	1	Uninsured		HELOC	esidential Mortga	iges Portfolios Total	Uninsured ⁽⁵⁾	acquired during the quarter ⁽¹⁾ HELOC ⁽⁶⁾		groups by LTV buckets ⁽¹⁾⁽³⁾ Canada	(remaining amortization) ⁽¹⁾⁽⁴⁾ 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%	
Others Canadian provinces(7)	469	0.7%	116	0.2%	127	0.2%	712	1.1%	73%	66%	Total	100.0%	1
F	27,636	40.5%	18,225	26.7%	22,439	32.8%	68,300	100.0%	70%	67%		1 20000	1
USA, Cambodia and Others	2,,050	40.5%	3,580	20., 70	22,435	321070	3,580	200.070	, 0,0	0,70	l		
Other residential mortgages ⁽⁸⁾	1,902		3,270				5,172						
Other residential mortgages."			-, -	22.50/	22 420	29.2%		400.00/					
	29,538	38.3%	25,075	32.5%	22,439	29.2%	77,052	100.0%					
									Q1 2019				
										LTV for mortgages originated	Resi	dential Mortgages ⁽²⁾ exposure	Residential Mortgages Portfolios
						R	esidential Mortga	iges Portfolios	and	acquired during the quarter ⁽¹⁾		groups by LTV buckets ⁽¹⁾⁽³⁾	(remaining amortization) ⁽¹⁾⁽⁴⁾
		Insured		Uninsured		HELOC		Total	Uninsured ⁽⁵⁾	HELOC ⁽⁶⁾		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		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		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%	
Others Canadian provinces(7)	470	0.7%	115	0.2%	123	0.1%	708	1.0%	73%	71%	Total	100.0%	
	27,952	41.2%	17,772	26.2%	22,181	32.6%	67,905	100.0%	69%	67%			-
USA, Cambodia and Others			3,292				3,292						
Other residential mortgages(8)	1,828		3,287				5,115						
	29,780	39.0%	24,351	31.9%	22,181	29.2%	76,312	100.0%					
									Q4 2018				
								-		LTM (for months and a single stand	D:	d 8.6	Residential Mortgages Portfolios
						D.	esidential Mortga	gos Portfolios		LTV for mortgages originated acquired during the quarter(1)	Kesi	dential Mortgages ⁽²⁾ exposure groups by LTV buckets ⁽¹⁾⁽³⁾	(remaining amortization)(1)(4)
		Insured		Uninsured		HELOC	esidential Mortga	Total	Uninsured ⁽⁵⁾	HELOC ⁽⁶⁾	-	Canada	Canada
0	12.705		0.002		14.002		27,704	54.3%	71%	70%	30 % or less	+	0 - 20 years 23.1%
Quebec Ontario	12,795 7,546	18.9% 11.2%	9,893 5,071	14.6% 7.5%	14,003 5,179	20.8% 7.6%	36,691 17,796	26.3%	68%	62%	31 % - 60 %	5.3% 31.5%	20 - 20 years 23.1% 20 - 25 years 52.4%
Alberta	3,508	5.2%	782	1.2%	937	1.3%	5,227	7.7%	69%	70%	61 % - 70 %	19.8%	25 - 30 years 23.8%
British Columbia	2,174	3.2%	1,010	1.5%	1,309	2.0%	4,493	6.7%	63%	55%	71 % - 80 %	26.1%	30 - 35 years 0.7%
New Brunswick	600	0.9%	282	0.4%	246	0.4%	1,128	1.7%	73%	72%	81 % - 90 %	9.4%	35 years and + 0.0%
Saskatchewan	694	1.0%	121	0.2%	182	0.3%	997	1.5%	71%	71%	91 % - 95 %	4.0%	Total 100.0%
Manitoba	318	0.5%	79	0.1%	142	0.2%	539	0.8%	71%	67%	96 % or more	3.9%	1
Others Canadian provinces(7)	463		109	0.2%	124	0.1%	696	1.0%	72%	68%	Total	100.0%	1
others canadian provinces	28,098	41.6%	17,347	25.7%	22,122	32.7%	67,567	100.0%	69%	66%	Lious	100.076	1
USA Cambadia and Others	20,098	41.0%		25.776	22,122	32./76		100.0%	09%	00%	ı		
USA, Cambodia and Others	1		3,024				3,024						
Other residential mortgages ⁽⁸⁾	1,813		3,369				5,182						
	29,911	39.5%	23,740	31.3%	22,122	29.2%	75,773	100.0%					
									Q3 2018				
									Average	LTV for mortgages originated	Resi	dential Mortgages ⁽²⁾ exposure	Residential Mortgages Portfolios
						R	esidential Mortga	iges Portfolios	and	acquired during the quarter(1)		groups by LTV buckets(1)(3)	(remaining amortization)(1)(4)
		Insured		Uninsured		HELOC		Total	Uninsured ⁽⁵⁾	HELOC(6)		Canada	Canada
Quebec	12,951	19.4%	9,639	14.4%	13,757	20.6%	36,347	54.4%	71%	70%	30 % or less	5.4%	0 - 20 years 22.4%
Ontario	7,584	11.4%	4,822	7.2%	5,056	7.6%	17,462	26.2%	68%	62%	31 % - 60 %	31.6%	20 - 25 years 51.8%
Alberta	3,449	5.2%	760	1.1%	943	1.4%	5,152	7.7%	71%	71%	61 % - 70 %	19.8%	25 - 30 years 24.9%
British Columbia	2,199	3.3%	973	1.5%	1,275	1.9%	4,447	6.7%	63%	57%	71 % - 80 %	26.7%	30 - 35 years 0.9%
New Brunswick	606	0.9%	272	0.4%	240	0.4%	1,118	1.7%	75%	69%	81 % - 90 %	8.9%	35 years and + 0.0%
Saskatchewan	673	1.0%	115	0.2%	181	0.3%	969	1.5%	76%	73%	91 % - 95 %	4.0%	Total 100.0%
Manitoba	303	0.5%	73	0.1%	142	0.2%	518	0.8%	74%	68%	96 % or more	3.6%	
Others Canadian provinces(7)	442		106	0.2%	121	0.2%	669	1.0%	71%	69%	Total	100.0%	1
·	28,207	42.3%	16,760	25.1%	21,715	32.6%	66,682	100.0%	70%	66%			•
USA, Cambodia and Others	1	1	2,525				2,525				•		
Other residential mortgages ⁽⁸⁾	1,790		3,449				5,239						
omer residential mortgages	1,790		2,449				3,239						

29,997

40.3%

22,734

30.5%

21,715

29.2%

74,446

100.0%

Geographic Distribution of Gross Loans and Acceptances, Gross Impaired Loans and Allowances for Credit Losses⁽¹⁾

			20	20				2019	
<u> </u>		Q2			Q1			Q4	
			Allowance for credit losses			Allowance for credit losses			Allowance for credit loss
			on impaired loans ⁽⁴⁾			on impaired loans(4)			on impaired loans
	Gross loans(2)	Gross impaired loans(3)	Stage 3	Gross loans(2)	Gross impaired loans(3)	Stage 3	Gross loans(2)	Gross impaired loans(3)	Stage
Canada									
Residential mortgages(5)	72,416	163	13	71,165	156	14	70,387	156	1
Qualifying revolving retail	3,600	24	17	3,984	24	16	4,099	24	1
Other retail ⁽⁶⁾	9,940	80	51	10,058	79	47	10,156	74	4
Non-Retail ⁽⁷⁾	61,914	410	157	57,735	322	116	56,915	346	11
	147,870	677	238	142,942	581	193	141,557	600	183
United States									
Residential mortgages ⁽⁵⁾	1,012	6	1	1,019	7	2	838	6	
Qualifying revolving retail	_	-	-	-	-	-	-	-	
Other retail ⁽⁶⁾	1,543	7	5	1,481	6	5	1,402	8	
Non-Retail ⁽⁷⁾	7,284	55	38	5,900	53	27	4,894	47	24
	9,839	68	44	8,400	66	34	7,134	61	3:
Europe			_						
Non-Retail ⁽⁷⁾	471	4	2	390	4	1	408	-	
Others									
Residential mortgages ⁽⁵⁾	3,959	30	17	3,553	24	12	3,223	21	1
Qualifying revolving retail		-	-	-	-	-		-	
Other retail ⁽⁶⁾ Non-Retail ⁽⁷⁾	48 469	1	-	46 489	2	1	48 393	2	
Non-Retail®		-	-		26			23	
-	4,476	31 780	17 301	4,088 155,820	677	13 241	3,664	684	234
Stages 1 and 2 ⁽⁸⁾ – Retail	162,656	/80		155,820	6//		152,763	084	
Stages 1 and 2 th – Retail Stages 1, 2 and 3 ⁽⁸⁾ – Non-retail			493 486			365 221			36 21
POCI loans	1,105	1,105	(69)	1,024	1,024	(58)	1,166	1,166	(5
5 61 104115	163,761	1,885	1,211	156,844	1,701	769	153,929	1,850	75
					2019				
					2019			<u> </u>	

					2019				
		Q3			Q2			Q1	
			Allowance for credit losses			Allowance for credit losses			Allowance for credit losses
			on impaired loans ⁽⁴⁾			on impaired loans(4)			on impaired loans(4)
	Gross loans(2)	Gross impaired loans(3)	Stage 3	Gross loans(2)	Gross impaired loans(3)	Stage 3	Gross loans(2)	Gross impaired loans(3	Stage 3
Canada									
Residential mortgages ⁽⁵⁾	69,338	156	14	68,300	166	14	67,905	173	13
Qualifying revolving retail	4,120	24	15	4,141	24	15	4,101	24	15
Other retail ⁽⁶⁾	10,294	69	38	10,294	73	42	10,301	75	41
Non-Retail ⁽⁷⁾	56,631	338	159	54,890	320	156			
	140,383	587	226	137,625	583	227	135,843	558	208
United States									
Residential mortgages ⁽⁵⁾	843	6	1	884	6	2	882	6	2
Qualifying revolving retail	-	-	-	-	-	-	-	-	_
Other retail ⁽⁶⁾	1,414	8	7	1,327	10	8	1,362	12	10
Non-Retail ⁽⁷⁾	4,381	50	7	4,829	8		4,876	8	
P	6,638	64	15	7,040	24	10	7,120	26	12
Europe Non-Retail ⁽⁷⁾	413	_		370	_		271		
Others	413	_	_	3/0	-	_	2/1	-	-
Residential mortgages ⁽⁵⁾	2,902	21	12	2,696	18	10	2,410	17	
Qualifying revolving retail	2,702		-	2,070	_	_	2,410		_
Other retail ⁽⁶⁾	47	2	1	50	2	1	53	2	1
Non-Retail ⁽⁷⁾	392		_	381	_		282	_	_
	3,341	23	13	3,127	20	11	2,745	19	10
	150,775	674	254	148,162	627	248	145,979	603	230
Stages 1 and 2 ⁽⁸⁾ – Retail	•		361	•		361			230 371
Stages 1, 2 and 3 ⁽⁸⁾ – Non-retail			209			198			189
POCI loans	1,260	1,260	(59)	1,263	1,263	(60)	1,395	1,395	(62)
	152,035	1,934	765	149,425	1,890	747	147,374	1,998	

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

⁽²⁾ Gross loans comprise securitized assets.

⁽³⁾ 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 on dwellings of five or more units and SME loans.
(8) Includes other financial assets at amortized cost and off-balance-sheet commitments.

Impaired Loans by Business Segment⁽¹⁾

	20	20		20	19			20	18	
Gross Impaired Loans ⁽²⁾	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Personal and Commercial										
Personal Banking	267	259	256	250	264	274	266	257	256	259
Commercial Banking	360	309	351	338	312	277	322	336	298	276
Wealth Management	6	5	5	4	5	5	5	3	3	5
Financial Markets	102	65	36	46	10	10	1	1	1	1
U.S. Specialty Finance and International										
Credigy	13	13	14	14	16	18	18	17	16	29
ABA Bank	32	26	22	22	20	19	18	16	12	12
Other	_	_	_	_	_	ı	_	_	_	_
	780	677	684	674	627	603	630	630	586	582
As a % of total loans and acceptances	0.48%	0.43%	0.44%	0.44%	0.42%	0.41%	0.43%	0.44%	0.42%	0.42%

	20	20		20	19			20	18	
Net Impaired Loans ⁽²⁾⁽³⁾	Q2	Q1	Q4	QЗ	Q2	Q1	Q4	QЗ	Q2	Q1
Personal and Commercial Personal Banking	188	184	187	183	193	205	199	191	193	199
Commercial Banking	211	191	222	187	164	142	187	207	176	156
Wealth Management	3	3	3	2	3	3	3	1	1	3
Financial Markets	56	40	23	33	3	7	_	_	_	_
U.S. Specialty Finance and International										
Credigy	6	6	6	6	7	7	6	6	6	6
ABA Bank	15	12	9	9	9	9	9	8	6	7
Other	-	-	_	_	_	-	_	_	_	_
	479	436	450	420	379	373	404	413	382	371
As a % of total loans and acceptances	0.29%	0.28%	0.29%	0.28%	0.25%	0.25%	0.28%	0.29%	0.27%	0.27%

⁽¹⁾ All loans classified in Stage 3 of the expected credit loss model are impaired loans and impaired loans presented in these tables exclude POCI loans.

⁽²⁾ Including customer's liability under acceptances.

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

Formation of Gross Impaired Loans⁽¹⁾

	202	0		20:	19			20	18		Y	D	Full	Year
Formation of Gross Impaired Loans ⁽²⁾ (by sector)	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Balance at beginning	677	684	674	627	603	630	630	586	582	599	684	630	630	599
Write-offs														i l
Personal and Commercial														, P
Personal Banking	(18)	(18)	(20)	(22)	(21)	(22)	(23)	(19)	(18)	(19)	(36)	(43)	(85)	(79)
Credit card	(27)	(27)	(28)	(26)	(25)	(25)	(24)	(24)	(25)	(25)	(54)	(50)	(104)	
Commercial Banking	(13)	(21)	(34)	(5)	(5)	(2)	(10)	(10)	(8)	(37)	(34)	(7)	(46)	(65)
Wealth Management	-	-	-	-	-	-	-	-	-	-	-	_	-	, - P
Financial Markets	-	(1)	(6)	-	-	-	-	-	-	-	(1)	_	(6)	, - P
U.S. Specialty Finance and International														, P
Credigy	(16)	(18)	(20)	(25)	(29)	(36)	(32)	(35)	(33)	(25)	(34)	(65)	(110)	(125)
ABA Bank	-	-	-	-	-	-	-	-	-	-	-	_	-	, - P
Other	-	-	-	-	-	-	-	-	-	-	_	_	-	
	(74)	(85)	(108)	(78)	(80)	(85)	(89)	(88)	(84)	(106)	(159)	(165)	(351)	(367)
Formation														, P
Personal and Commercial														, P
Personal Banking	26	21	26	8	11	30	32	20	15	24	47	41	75	91
Credit card	27	27	28	26	25	25	24	24	25	25	54	50	104	98
Commercial Banking	64	(21)	47	31	40	(43)	(4)	48	30	8	43	(3)	75	82
Wealth Management	1	-	1	(1)	-	-	2	-	(2)	1	1	_	-	1
Financial Markets	37	30	(4)	36	-	9	-	-	-	-	67	9	41	ı -!
U.S. Specialty Finance and International														
Credigy	16	17	20	23	27	36	33	36	20	27	33	63	106	116
ABA Bank	6	4	-	2	1	1	2	4	-	4	10	2	4	10
Other	-	-	-	-	-	-	-	_	-	_	-	-	-	-
	177	78	118	125	104	58	89	132	88	89	255	162	405	398
Balance at end	780	677	684	674	627	603	630	630	586	582	780	627	684	630

	202	20		20	19			20	18		Y	D	Full	/ear
Formation of Gross Impaired Loans ⁽²⁾ (by activity)	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Balance at beginning	677	684	674	627	603	630	630	586	582	599	684	630	630	599
Classified as credit-impaired during the period	278	249	264	256	205	234	251	246	231	227	527	439	959	955
Transferred to performing loans during the period	(30)	(39)	(36)	(53)	(40)	(53)	(54)	(45)	(27)	(25)	(69)	(93)	(182)	(151)
Net repayments	(75)	(132)	(110)	(78)	(61)	(123)	(108)	(70)	(103)	(105)	(207)	(184)	(372)	(386)
Disposals of loans	-	-	-	-	-	-	-	-	(15)	-	-	-	-	(15)
Write-offs	(74)	(85)	(108)	(78)	(80)	(85)	(89)	(88)	(84)	(106)	(159)	(165)	(351)	(367)
Exchange and other movements	4	-		-	-	-	-	1	2	(8)	4	-	-	(5)
Balance at end	780	677	684	674	627	603	630	630	586	582	780	627	684	630

⁽¹⁾ All loans classified in Stage 3 of the expected credit loss model are impaired loans and impaired loans presented in these tables exclude POCI loans.

⁽²⁾ Including customer's liability under acceptances.

Reconciliation of Allowances for Credit Losses

	202	20		20:	10			20	10		Y	TN.	Full	Year
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Stage 3	 		<u> </u>		Ť									
Balance at beginning	241	235	256	248	230	227	218	205	212	241	235	227	227	241
Provisions for credit losses	120	82	77	75	84	77	83	90	78	73	202	161	313	324
Write-offs	(74)	(85)	(108)	(78)	(80)	(85)	(89)	(88)	(84)	(106)	(159)	(165)		(367)
Disposals	(74)	(65)	(108)	(70)	(00)	(65)	(09)	(66)	(13)	(100)	(159)	(105)	(331)	(13)
Recoveries	10	11	13	13	14	12	15	11	10	9	21	26	52	45
	5	(2)	(3)	(2)	14	(1)	15	11	2	(5)		(1)		(3)
Foreign exchange movements and other	302	241	235	256	248	230	227	218	205	212	302	248	235	227
Balance at end	302	241	233	256	246	230	221	218	205	212	302	240	235	221
Stage 1 and 2														
Balance at beginning	586	577	568	559	560	553	546	549	532	518	577	553	553	518
Provisions for credit losses	391	8	9	11	(3)	7	5	(5)	13	19	399	4	24	32
Write-offs	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Disposals	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Recoveries	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Foreign exchange movements and other	1	1	_	(2)	2	_	2	2	4	(5)	2	2	_	3
Balance at end	978	586	577	568	559	560	553	546	549	532	978	559	577	553
	, ,,,	300	3,,	500	333	300	- 555	3,0	3-12		,,,,	337		333
POCI														
Balance at beginning	(58)	(57)	(59)	(60)	(62)	(66)	(44)	(34)	(28)	(24)	(57)	(66)	(66)	(24)
Provisions for credit losses	(7)	(1)	3	-	3	4	(15)	(9)	-	(5)	(8)	7	10	(29)
Write-offs	-	_	_	-	-	_	_	_	-	-	_	_	-	_
Disposals	-	_	(1)	-	-	_	(6)	_	(5)	-	_	_	(1)	(11)
Recoveries	-	_	_	-	-	_	_	_	-	-	_	_	-	_
Foreign exchange movements and other	(4)	_	_	1	(1)	_	(1)	(1)	(1)	1	(4)	(1)	-	(2)
Balance at end	(69)	(58)	(57)	(59)	(60)	(62)	(66)	(44)	(34)	(28)	(69)	(60)	(57)	(66)
Total allowances for credit losses by stage														
Stage 3	302	241	235	256	248	230	227	218	205	212	302	248	235	227
Stages 1 and 2	978	586	577	568	559	560	553	546	549	532	978	559	577	553
POCI	(69)	(58)	(57)	(59)	(60)	(62)	(66)	(44)	(34)	(28)	(69)	(60)	(57)	(66)
	1,211	769	755	765	747	728	714	720	720	716	1,211	747	755	714
Total allowances for credit losses														
Loans and acceptances at amortized cost														
Amounts drawn	1,033	693	678	687	683	664	658	658	666	663	1,033	683	678	658
Undrawn commitments ⁽¹⁾	141	65	66	68	57	56	49	54	47	47	141	57	66	49
Other ⁽²⁾	37	11	11	10	7	8	7	8	7	6	37	7	11	7
other	1,211	769	755	765	747	728	714	720	720	716	1,211	747	755	714
Total allowances for credit losses by stage														
(excluding USSF&I)														
Stage 3	278	220	214	235	227	209	205	199	189	184	278	227	214	205
Stages 1 and 2	867	503	490	480	467	457	442	441	433	421	867	467	490	442
Stages 1 and 2	1,145	723	704	715	694	666	647	640	622	605	1,145	694	704	647
	1,145	123	/04	/15	694	999	64/	640	622	605	1,145	694	/04	04/

⁽¹⁾ The allowances for credit losses on undrawn commitments are reported in the Other liabilities item of the Consolidated Balance Sheet.

⁽²⁾ Includes other financial assets at amortized cost and off-balance-sheet items other than undrawn commitments.

Provisions for Credit Losses

		202	20		20:	19			20	18		Υ	TD	Full	Year
		Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1	2020	2019	2019	2018
Personal and Commercia															
Personal Banking:	Stage 3	20	21	21	15	20	21	22	18	19	15	41	41	77	74
	Stages 1 and 2	67	3	4	3	(2)	(2)	1	(2)	1	7	70	(4)	3	7
		87	24	25	18	18	19	23	16	20	22	111	37	80	81
Credit card:	Stage 3	23	24	22	23	22	22	20	21	22	21	47	44	89	84
	Stages 1 and 2	41	1	3	(1)	3	_	_	(2)	2	2	42	3	5	2
		64	25	25	22	25	22	20	19	24	23	89	47	94	86
Commercial Banking:	Stage 3	43	9	11	9	14	1	9	17	6	8	52	15	35	40
	Stages 1 and 2	107	12	(2)	8	6	16	_	9	7	5	119	22	28	21
		150	21	9	17	20	17	9	26	13	13	171	37	63	61
Wealth Management															
	Stage 3	1	_	_	_	_	_	_	_	_	_	1	_	_	_
	Stages 1 and 2	3	_	_	_	_	_	_	_	1	_	3	_	_	1
	•	4	-	-	I	-	-	-	I	1	ı	4	-	1	1
Financial Markets															
	Stage 3	20	13	5	6	5	2	_	_	_	_	33	7	18	_
	Stages 1 and 2	142	(4)	5	4	2	1	_	2	2	_	138	3	12	4
	•	162	9	10	10	7	3	-	2	2	ı	171	10	30	4
U.S. Specialty Finance an	d International														
Credigy:	Stage 3	11	14	17	20	22	30	30	33	30	27	25	52	89	120
	Stages 1 and 2	20	(6)	(2)	(5)	(13)	(11)	3	(15)		4	14	(24)	(31)	(10)
	POCI	(7)	(1)	3	-	3	4	(15)	(9)		(5)	(8)	7	10	(29)
		24	7	18	15	12	23	18	9	28	26	31	35	68	81
ABA Bank:	Stage 3	2	1	1	2	1	1	2	1	1	2	3	2	5	6
71571 541111	Stages 1 and 2	6	2	1	2	1	3	2	2	2	1	8	4	7	7
	· ·	8	3	2	4	2	4	4	3	3	3	11	6	12	13
Other															
oune.	Stage 3	_	_	_	_	_	_	_	_	_	_	_	_	_	_
	Stages 1 and 2	5	-	_	-	-	-	(1)	1	_	_	5	_	_	_
		5	-	_	-	-	-	(1)	1	-	-	5	-	ı	_
		504	89	89	86	84	88	73	76	91	87	593	172	347	327
Total	Stage 3	120	82	77	75	84	77	83	90	78	73	202	161	313	324
Total	Stages 1 and 2	391	8	9	11	(3)	7	5	(5)		19	399	4	24	32
	POCI	(7)	(1)	3	_	3	4	(15)	(9)		(5)		7	10	(29)
		504	89	89	86	84	88	73	76	91	87	593	172	347	327
Excluding USSF&I	Stage 3	107	67	59	53	61	46	51	56	47	44	174	107	219	198
	Stages 1 and 2	365	12	10	14	9	15	-	8	13	14	377	24	48	35
		472	79	69	67	70	61	51	64	60	58	551	131	267	233

Derivatives Financial Instruments According to Basel Definition

	20	20		20	19	
	Q2	Q1	Q4	Q3	Q2	Q1
			Under I	Basel III		
Foreign Exchange Related Contracts						
Swaps	363,269	327,361	312,424	275,023	222,550	205,928
Options - purchased	19,277	11,685	11,536	10,867	9,518	9,635
- sold	21,180	13,413	13,566	11,802	11,978	11,246
Exchange traded and OTC futures contracts	40,288	33,270	30,226	32,157	33,337	31,358
Total notional amount	444,014	385,729	367,752	329,849	277,383	258,167
Replacement cost - net ⁽¹⁾	1,752	639	672	788	893	834
Future credit risk	2,278	2,284	2,592	2,525	2,240	2,063
Credit equivalent ⁽²⁾	5,642	4,093	4,570	4,637	4,386	4,056
Risk-weighted equivalent ⁽³⁾	1,703	1,206	1,436	1,672	1,773	1,636
Interest Rate Related Contracts						
Swaps	911,837	805,036	732,094	617,315	513,080	493,096
Options - purchased	29,224	31,933	28,846	34,450	41,413	24,612
- sold	27,399	30,871	10,309	6,743	17,653	2,116
Exchange traded and OTC futures contracts	28,901	13,672	7,008	7,433	5,783	3,692
Total notional amount	997,361	881,512	778,257	665,941	577,929	523,516
Replacement cost - net ⁽¹⁾	1,728	970	941	877	690	531
Future credit risk	1,098	1,172	1,143	1,380	1,313	1,400
Credit equivalent ⁽²⁾	3,957	2,998	2,918	3,160	2,804	2,703
Risk-weighted equivalent ⁽³⁾	1,427	940	918	1,121	993	834
Financial Futures						
Total notional amount	159,198	113,484	84,857	100,491	53,314	103,217
Equity and Commodity Contracts						
Total notional amount	92,107	126,762	101,308	92,074	92,033	68,188
Replacement cost - net ⁽¹⁾	1,122	872	570	577	610	446
Future credit risk	3,524	5,524	4,195	3,688	3,624	2,575
Credit equivalent ⁽²⁾	6,504	8,954	6,671	5,971	5,928	4,229
Risk-weighted equivalent ⁽³⁾	1,356	1,703	1,057	1,082	1,129	775
Credit Derivatives						
Total notional amount (trading only)	10,590	7,134	5,837	4,736	3,941	2,195
Total Return Swap Notional Amount ⁽⁴⁾	-	_	142	150	162	161
Replacement cost - net ⁽¹⁾	33	_	_	-	-	-
Future credit risk	10	4	9	6	7	8
Credit equivalent ⁽²⁾	60	6	13	8	10	11
Risk-weighted equivalent ⁽³⁾	1	_	1	1	1	1
Total Derivatives						
Total notional amount	1,703,270	1,514,621	1,338,153	1,193,241	1,004,762	955,444
Replacement cost - net ⁽¹⁾	4,635	2,481	2,183	2,242	2,193	1,811
Future credit risk	6,910	8,984	7,939	7,599	7,184	6,046
Credit equivalent ⁽²⁾	16,163	16,051	14,172	13,776	13,128	10,999
Risk-weighted equivalent ⁽³⁾	4,487	3,849	3,412	3,876	3,896	3,246

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

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

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

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

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

			20	20			2019			
		Q2			Q1			Q4		
			OTC-Traded			OTC-Traded			OTC-Traded	
			Not settled by			Not settled by			Not settled by	
	Exchange-traded	Settled by central	central	Exchange-traded	Settled by central	central	Exchange-traded	Settled by central	central	
	contracts	counterparties	counterparties	contracts	counterparties	counterparties	contracts	counterparties	counterparties	
Interest rate contracts	192,466	793,434	170,659	152,106	667,649	175,241	106,057	589,499	167,557	
Foreign exchange contracts	_	-	444,014	10	_	385,719	11	_	367,742	
Equity, commodity and credit derivative contracts	24,614	10,784	67,299	28,451	7,471	97,974	26,986	6,278	74,023	

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

⁽¹⁾ Notional amounts.

Composition of Regulatory Capital

		20	20		20	19	
		Q2	Q1	Q4	Q3	Q2	Q1
	Common Equity Tier 1 capital: instruments and reserves						
1	Directly issued qualifying common share capital plus related contributed surplus ⁽¹⁾	3,074	3,072	3,000	2,967	2,953	2,933
2	Retained earnings	10,058	9,556	9,312	9,044	8,889	8,695
3	Accumulated other comprehensive income and other reserves	(137)	(7)	16	59	50	65
4	Directly issued capital subject to phase out from CET1 (only applicable to non-joint stock companies)	_	-	-	_	-	- I
5	Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)	_	_	-	22	18	15
6	Common Equity Tier 1 capital before regulatory adjustments	12,995	12,621	12,328	12,092	11,910	11,708
	Regulatory adjustments to Common Equity Tier 1 capital	_					
7	Prudential valuation adjustments	-	-	-	-	-	, - J
8	Goodwill (net of related tax liability)	(1,524)	(1,511)	(1,510)		(1,675)	
9	Intangible assets other than mortgage-servicing rights	(1,182)	(1,160)	(1,148)	(1,111)	(1,177)	(1,139)
10	Deferred tax assets excluding those arising from temporary differences (net of related tax liability)	(31)	-	-	-	-	-
11	Accumulated other comprehensive income related to cash flow hedges	313	47	6	(32)	6	(48)
12	Shortfall of total provisions to expected losses	-	-	-	-	-	, - J
13	Securitisation gain on sale	-	-	-	_	-	, - J
14	Gains (losses) due to changes in own credit risk on fair valued liabilities	(88)	56	24	41	35	(23) (5)
15		(118)	(7)	(8)	(5)	(7)	(5)
16	Investments in own shares (if not already netted off contributed surplus on reported balance sheet)	_	-	-	_	-	- I
17	Reciprocal cross holdings in common equity	_	-	-	_	-	- I
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						i /
	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)	-	-	-	_	-	ı - I
22	Amount exceeding the 15% threshold		-	-	_		i /
23	of which: significant investments in the common stock of financials	-	-	-	_	-	ı - I
24	of which: mortgage servicing rights	-	-	-	_	-	ı - I
25	of which: deferred tax assets arising from temporary differences	-	-	-	-	-	_i - J
26	Other deductions or regulatory adjustments to CET1 as determined by OSFI (including regulatory adjustments in respect of own use property)	203	-	-	-	-	_i - J
27	Regulatory adjustments applied to Common Equity Tier 1 due to insufficient Additional Tier 1 and Tier 2 to cover deductions		_				
28	Total regulatory adjustments to Common equity Tier 1	(2,427)	(2,575)	(2,636)	(2,617)	(2,818)	(2,886)
29	Common Equity Tier 1 capital (CET1)	10,568	10,046	9,692	9,475	9,092	8,822
298	CET1 with transitional arrangements for ECL provisioning not applied	10,365	10,046	9,692	9,475	9,092	8,822
	Additional Tier 1 capital: instruments						
30	Directly issued qualifying Additional Tier 1 instruments plus related contributed surplus ⁽¹⁾	2,450	2,450	2,450	2,450	2,450	2,450
31	of which: classified as equity under applicable accounting standards	2,450	2,450	2,450	2,450	2,450	2,450
32	of which: classified as liabilities under applicable accounting standards	-	-	-	-	-	-
33		350	350	350	350	350	350
34		-	-	-	5	4	3
35	of which: instruments issued by subsidiaries subject to phase out		_		_		_
36	Additional Tier 1 capital before regulatory adjustments	2,800	2,800	2,800	2,805	2,804	2,803

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

Composition of Regulatory Capital (continued)

		2020				19	_
		Q2	Q1	Q4	Q3	Q2	Q1
_					-		
	Additional Tier 1 capital: regulatory adjustments						
	Investments in own Additional Tier 1 instruments	-	-	-	-	-	-
	Reciprocal cross holdings in Additional Tier 1 instruments	-	-	-	-	-	-
	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)
41a	of which: Reverse mortgages	-	-	-	-	-	(1)
42	Regulatory adjustments applied to Additional Tier 1 due to insufficient Tier 2 to cover deductions	-	-	-	-	-	-
43	Total regulatory adjustments to Additional Tier 1 capital	_	-	-	-	-	(1)
44	Additional Tier 1 capital (AT1)	2,800	2,800	2,800	2,805	2,804	2,802
45	Tier 1 capital (T1 = CET1 + AT1)	13,368	12,846	12,492	12,280	11,896	11,624
45a	Tier 1 Capital with transitional arrangements for ECL provisioning not applied	13,165	12,846	12,492	12,280	11,896	11,624
	Tier 2 capital: instruments and allowances						
46	Directly issued qualifying Tier 2 instruments plus related contributed surplus ⁽¹⁾	750	750	750	750	750	750
47	Directly issued capital instruments subject to phase out from Tier 2 ⁽¹⁾	10	9	9	9	9	9
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
49	of which: instruments issued by subsidiaries subject to phase out	_	_	_	_	_	_
50	Allowances for credit losses	308	205	189	183	185	188
51	Tier 2 capital before regulatory adjustments	1,068	964	948	948	949	951
	Tier 2 capital: regulatory adjustments						
52	Investments in own Tier 2 instruments	-	-	_	_	_	_
53	Reciprocal cross holdings in Tier 2 instruments and Other TLAC-eligible instruments	_	_	_	-	_	-
54	Non-significant investments in the capital of banking, financial and insurance entities and Other TLAC-eligible instruments issued by G-SIBs and Canadian D-SIBs that						
	are outside the scope of regulatory consolidation, where the institution does not own more than 10% of the issued common share capital of the entity (amount						
	above 10% threshold)	(66)	(55)	(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	(66)	(55)	(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	()	(33)	(, ,	()	(33)	()
	outside the scope of regulatory consolidation	_	_	_	_	_	_
56	Other deductions from Tier 2 capital	_	_	_	_	_	_
	Total regulatory adjustments to Tier 2 capital	(66)	(55)	(74)	(35)	(55)	(28)
	Tier 2 capital (T2)	1,002	909	874	913	894	923
	Total capital (TC = T1 + T2)	14,370			13,193		
	Total Capital with transitional arrangements for ECL provisioning not applied	14,370		13,366		12,790	12,547
	in the control of the		,			,	

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

Composition of Regulatory Capital (continued)

(millions of Canadian dollars)

So Total risk-weighted assets 92,755 86,206 83,039 80,984 79,008 77,006 77,			2020		2019			
Common Equity Tier 1 (apital RWA (CETI) 92,755 86,206 83,039 80,984 79,008 77.0			Q2	Q1	Q4	Q3	Q2	Q1
Common Equity Tier 1 (a pital RWA (CET1) 92,755 86,206 83,039 80,984 79,008 77,								
Common Equity Tier 1 (a pital RWA (CETI) 92,755 86,206 83,039 80,984 79,008 77,				_				
Face								
Contact Total capital RWA 92,75 86,20 81,09 80,98 79,008 77								
Capital ratios 11.4% 11.7% 11.								
11 11 17 11 11 17 11 17 11 17 11 17 11 17 11 17 11 11 17 11 17 11 17 11 17 11 17 11 17 11 17 11 17 11 17 11 17 11 17 11 17 11 11 17 11 17 11 17 11 17 11 17 11 17 11 11 17 11 17 11 17 11 17 11 17 11 17 11	60c		92,755	86,206	83,039	80,984	79,008	77,036
Call Ratio with transitional arrangements for ECL provisioning not applied 11.7%					/			
1								
14.2% 14.9% 15.0% 15.2% 15.1% 15.6% 16.0% 16.1% 16.3% 16.2% 16.2								
Total capital (as a percentage of risk weighted assets) 15.5% 16.0% 16.1% 16.3% 16.2% 16.2% 16								15.1%
15.5% 16.0% 16.1% 16.2% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.3% 16.2% 16.0% 16.1% 16.2% 16.0% 16.1% 16.2% 16.0% 16.2% 16.0% 16.1% 16.2% 16.0% 16.2% 16.0% 16.1% 16.2% 16.0% 16.2								15.1%
64 Institution-specific buffer requirement (minimum CET1 requirement plus Capital conservation buffer requirement plus G-SIB buffer requirement capital conservation buffer requirement capital ca	63							16.3%
expressed as a percentage of risk weighted assets) 8.0% 8.0			15.5%	16.0%	16.1%	16.3%	16.2%	16.3%
65 of which: capital conservation buffer requirement 2.5%	64							ı
6 of which: bank-specific countercyclical buffer 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0								8.0%
67 of which: G-SIB buffer requirement n.a. of which: G-SIB buffer requirement 1.0%		· ·						2.5%
67a of which: D-SIBs buffer requirement 1.0%	66		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
68 Common Equity Tier 1 available to meet buffers (as a percentage of risk weighted assets) 11.4% 11.7% 11.7% 11.7% 11.7% 11.5	67		n.a.			n.a.		n.a.
OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital conservation buffer + D-SIB buffer) OSFI target (minimum + capital capital capital target ratio) OSFI target (minimum + capital capital capital target ratio) OSFI target (minimum + capital capital target ratio) OSFI target (minimum + capital capital capital target ratio) OSFI target (minimum + capital	67a							1.0%
Common Equity Tier 1 all-in target ratio 8.0% 9.5%	68		11.4%	11.7%	11.7%	11.7%	11.5%	11.5%
Tier 1 capital all-in target ratio 9.5%				_				
Total capital all-in target ratio Amounts below the thresholds for deduction (before risk weighting) 72 Non-significant investments in the capital and other TLAC-eligible instruments of other financials entities 73 Significant investments in the common stock of financials 74 Mortgage servicing rights (net of related tax liability) 75 Deferred tax assets arising from temporary differences (net of related tax liabilities) 76 Allowance eligible for inclusion of allowances in Tier 2 77 Allowance eligible for inclusion in Tier 2 in respect of exposures subject to standardised approach (prior to application of cap) 78 Allowance eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap) 78 Allowance eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap) 79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 79 Capital instruments subject to phase-out arrangements (only applicable between January 1, 2013 and January 1, 2022) 80 Current cap on CETI instruments subject to phase out arrangements 81 Amount excluded from CET1 instruments subject to phase out arrangements 82 Current cap on AT1 instruments subject to phase out arrangements 83 S8 S81 S81 S81 S81								8.0%
Amounts below the thresholds for deduction (before risk weighting) 72 Non-significant investments in the capital and other TLAC-eligible instruments of other financials entities 73 Significant investments in the common stock of financials 74 Mortgage servicing rights (net of related tax liability) 75 Deferred tax assets arising from temporary differences (net of related tax liabilities) 76 Applicable caps on the inclusion of allowances in Tier 2 77 Applicable caps on the inclusion of allowances in Tier 2 78 Allowance eligible for inclusion in Tier 2 in respect of exposures subject to standardised approach (prior to application of cap) 79 Cap on inclusion of allowances in Tier 2 under standardised approach 79 Cap on inclusion of allowances in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap) 79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 70 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 70 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 80 Current cap on CETI instruments subject to phase out arrangements 81 Amount excluded from CETI due to cap (excess over cap after redemptions and maturities) 82 Current cap on AT1 instruments subject to phase out arrangements 83 A 387 S81 S81 S81 S81	70							9.5%
Non-significant investments in the capital and other TLAC-eligible instruments of other financials entities 390 436 527 530 551 530 551 73 Significant investments in the common stock of financials 354 340 318 339 301 23 301 24 Mortgage servicing rights (net of related tax liability)	71		11.5%	11.5%	11.5%	11.5%	11.5%	11.5%
Significant investments in the common stock of financials 354 340 318 339 301 27 Mortgage servicing rights (net of related tax liability)								
Mortgage servicing rights (net of related tax liability) Deferred tax assets arising from temporary differences (net of related tax liabilities) Applicable caps on the inclusion of allowances in Tier 2 Allowance eligible for inclusion in Tier 2 in respect of exposures subject to standardised approach (prior to application of cap) Allowance eligible for inclusion of allowances in Tier 2 under standardised approach Allowance eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap) Allowance eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap) Allowance eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap) Allowance eligible for inclusion in Tier 2 under standardised approach Allowance eligible for inclusion in Tier 2 under standardised approach Bo Capital instruments subject to phase-out arrangements (only applicable between January 1, 2013 and January 1, 2022) Current cap on CET1 instruments subject to phase out arrangements Current cap on CET1 due to cap (excess over cap after redemptions and maturities) Current cap on AT1 instruments subject to phase out arrangements Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities) Sa87 387 581 581 581 581								549
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77 Cap on inclusion of allowances in Tier 2 under standardised approach 78 Allowance eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap) 79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach 79 Cap inclusion of allowances in Tier 2 under internal ratings-based approach 80 Current cap on CET1 instruments subject to phase out arrangements 80 Current cap on CET1 due to cap (excess over cap after redemptions and maturities) 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 83 387 581 581 581								
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79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach Capital instruments subject to phase-out arrangements (only applicable between January 1, 2013 and January 1, 2022) 80 Current cap on CET1 instruments subject to phase out arrangements	77		159		118	103	102	97
Capital instruments subject to phase-out arrangements (only applicable between January 1, 2013 and January 1, 2022) 80 Current cap on CET1 instruments subject to phase out arrangements 81 Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities) 82 Current cap on AT1 instruments subject to phase out arrangements 83 S87 S81 S81 S81 S81 S81	78							118
80 Current cap on CET1 instruments subject to phase out arrangements	79		384	354	347	345	336	326
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 387 387 581 581 581 581 581			-	-	-	-	-	-
			-	-	-	-	-	-
02 A			387	387	581	581	581	581
	83	Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	-	-	-	-	-	-
			476	476	715	715	715	715
85 Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	85	Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	-	-	-	-	_	_

(1) Do not include the domestic stability buffer.

Summary Comparison of Accounting Assets vs Leverage Ratio Exposure Measure

		2020		2019			
		Q2	Q1	Q4	Q3	Q2	Q1
	Accounting assets vs. leverage ratio exposure					-	
1	Total consolidated assets as per published financial statements	316,950	289,191	281,458	276,312	269,106	263,355
2	Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but						
	outside the scope of regulatory consolidation	34	25	3	28	4	(3)
3	Adjustment for securitized exposures that meet the operational requirements for the recognition of risk transference ⁽¹⁾	(37)	(898)	(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 ⁽²⁾	(64)	6,458	5,873	5,237	5,814	3,808
6	Adjustment for securities financing transactions (i.e. repos and similar secured lending) ⁽²⁾	1,857	4,754	3,164	4,052	3,278	1,920
7	Adjustment for off-balance sheet items (i.e. conversion to credit equivalent amounts of off-balance sheet exposures)	24,833	24,555	24,141	23,436	22,940	23,050
8	Other adjustments	(37,187)	(4,376)	(4,840)	(4,210)	(4,134)	(4,571)
9	Leverage Ratio Exposure	306,386	319,709	308,902	303,961	296,118	286,655

⁽¹⁾ OSFI's October 2018 Leverage Requirements Guideline now allows for the exclusion of securitized exposures that meet the operational requirements for risk transference.

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

Leverage Ratio Common Disclosure Template

		2020		2019		19		
		Q2	Q1	Q4	Q3	Q2	Q1	
	Leverage ratio common disclosure							
	On-balance sheet exposures	-						
	On-balance sheet items (excluding derivatives, SFTs and grandfathered securitization exposures but including collateral)	252,666	267,659	254,653	252,885	243,584	239,966	
	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)	(3,509)	(1,740)	(2,120)	(1,434)	(1,113)	(1,544)	
4	(Asset amounts deducted in determining Basel III Tier 1 capital)	(2,855)	(2,631)		(2,659)	(2,852)		
5	Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of rows 1 to 4)	246,302	263,288	249,872	248,792	239,619	235,557	
	Derivative exposures							
	Replacement cost associated with all derivative transactions (where applicable net of eligible cash variation margin and/or with bilateral netting)	6,373	3,408	2,868	3,095	3,007	2,483	
-	Add-on amounts for PFE associated with all derivative transactions	9,290	11,995	11,115	10,638	10,058	8,463	
	(Exempted CCP leg of client-cleared trade exposures)	_	-	-	-	-	-	
	Adjusted effective notional amount of written credit derivatives	21	20	19	20	23	20	
	(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	-	_	-	-	-		
11	Total derivative exposures (sum of rows 6 to 10)	15,684	15,423	14,002	13,753	13,088	10,966	
	Securities financing transaction exposures							
	Gross SFT assets (with no recognition of netting), after adjusting for sale accounting transactions	17,710	11,689	17,723	13,928	17,193	15,162	
	(Netted amounts of cash payables and cash receivables of gross SFT assets)	(2,301)	(520)	(1,038)		(662)	(2,063)	
	CCR exposure for SFTs assets	4,158	5,274	4,202	4,935	3,940	3,983	
	Agent transaction exposures	-	-	-	-	-		
16	Total securities financing transaction exposures (sum of rows 12 to 15)	19,567	16,443	20,887	17,980	20,471	17,082	
17	Other off-balance sheet exposures	00.500	76 (02	75.550	72.072	74.0(2	74 (04	
	Off-balance sheet exposure at gross notional amount (Adjustments for conversion to credit equivalent amounts)	80,508 (55,675)	76,692 (52,137)	75,558 (51,417)	72,873 (49,437)	71,962 (49,022)	71,491 (48,441)	
	Off-balance sheet items (sum of rows 17 and 18)	24,833	24,555	24,141	23,436	22,940	23,050	
19	Capital and Total Exposures	24,033	24,555	24,141	23,430	22,940	23,050	
20	Tier 1 capital	13,368	12,846	12,492	12,280	11,896	11,624	
	Tier 1 Capital with transitional arrangements for ECL provisioning not applied	13,165	12,846	12,492	12,280	11,896	11,624	
	Total Exposures (sum of rows 5, 11, 16 and 19)	306,386	319,709	308,902	303,961	296,118	286,655	
Ë	Leverage Ratio	, ,,,,,,,,,,,	317,703	300,702	202,201	270,110	200,000	
22	Basel III leverage ratio	4.4%	4.0%	4.0%	4.0%	4.0%	4.1%	
	Basel III leverage ratio Basel III leverage ratio with transitional arrangements for ECL provisioning not applied	4.4% 4.3%	4.0% 4.0%	4.0% 4.0%	4.0% 4.0%	4.0% 4.0%	4.1%	
ZZđ	paser in reverage ratio with transitional attailgements for ECE provisioning not applied	4.5%	4.0%	4.0%	4.0%	4.0%	4.1%	